

Appendix B1:

SAR Distribution Plots (Head)

Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 CDMA-800 Ch777 Left Cheek with Bluetooth on

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ 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 Ch777 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

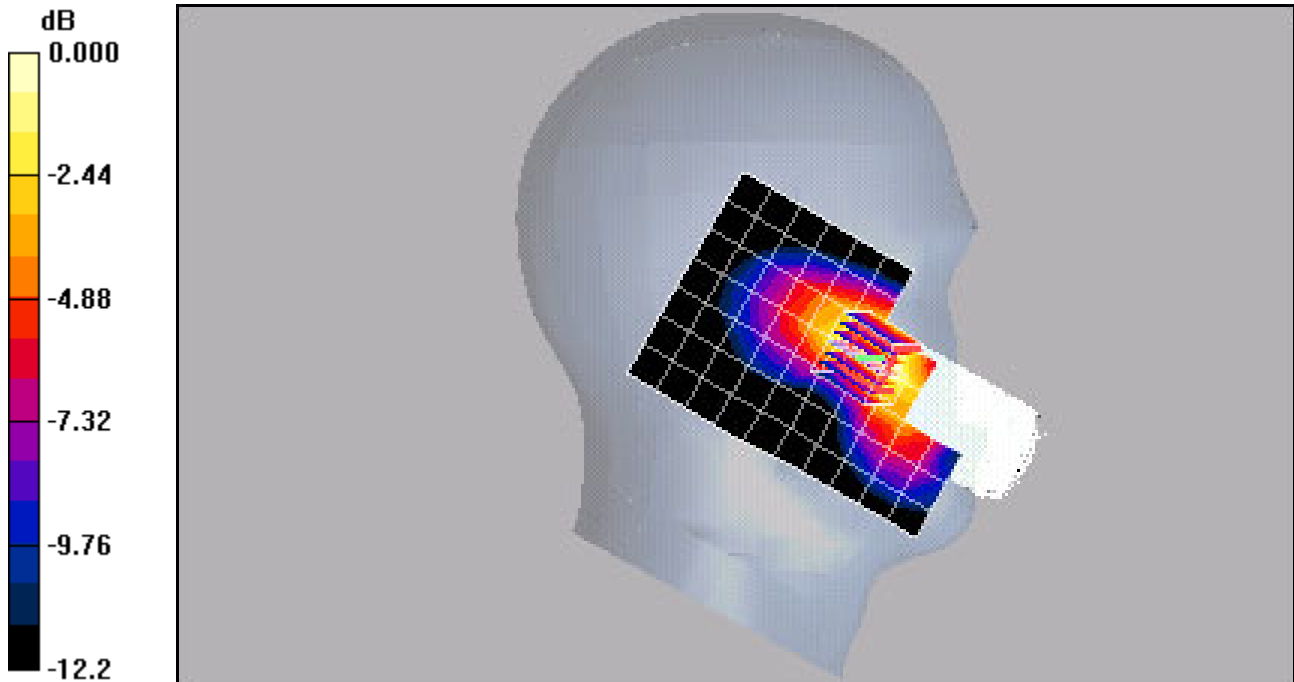
Reference Value = 9.76 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.724 mW/g

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

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 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; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ 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

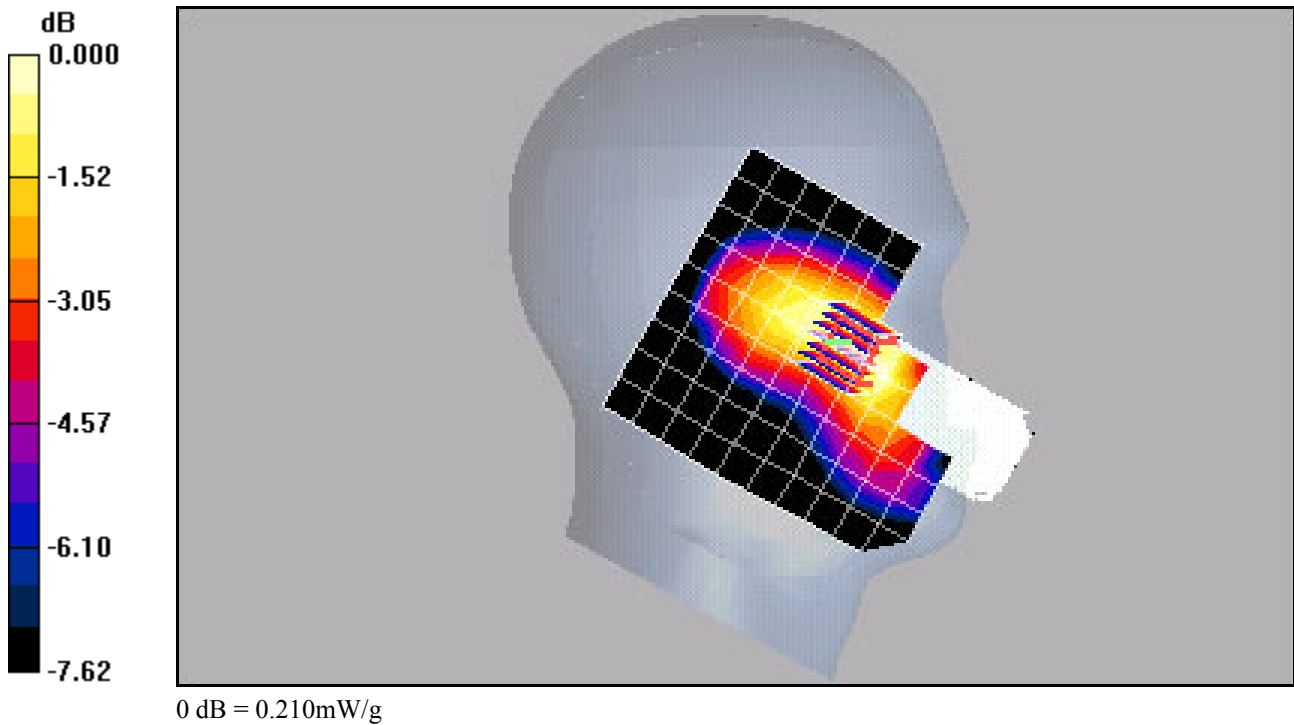
Reference Value = 10.1 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.148 mW/g

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

Maximum value of SAR (measured) = 0.210 mW/g



Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 CDMA-800 Ch777 Right Cheek with Bluetooth on

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ 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

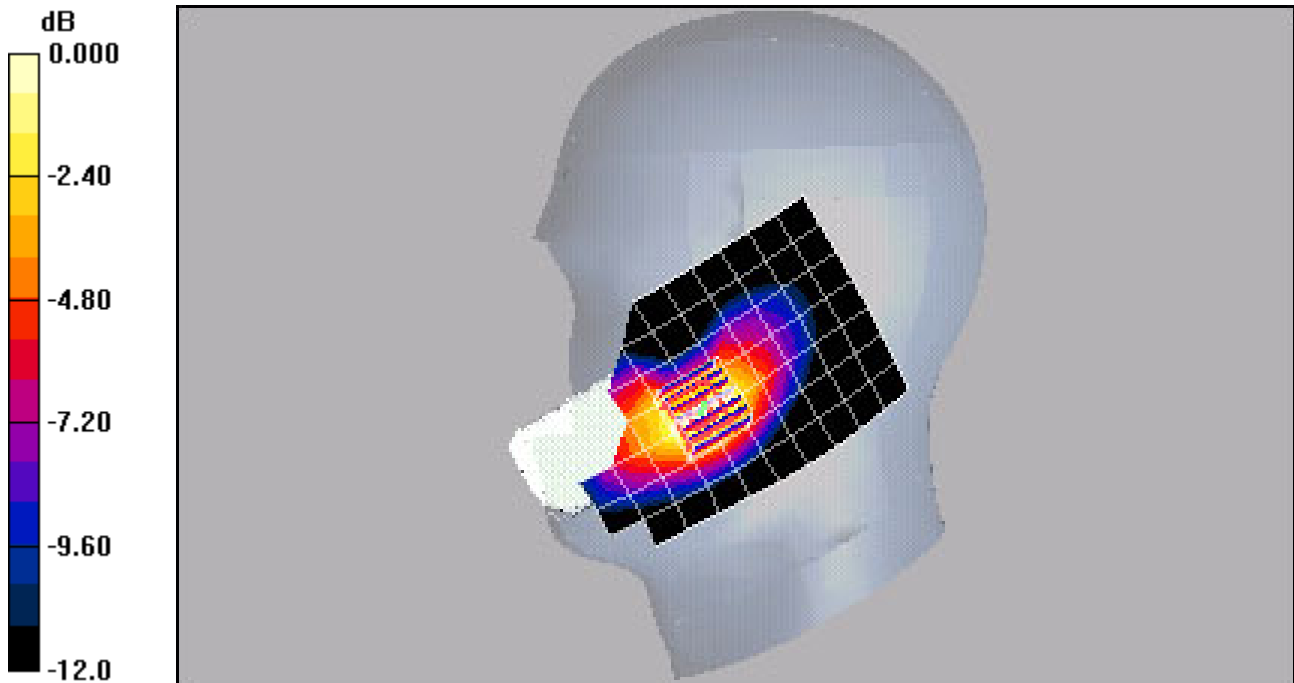
CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.174 dB

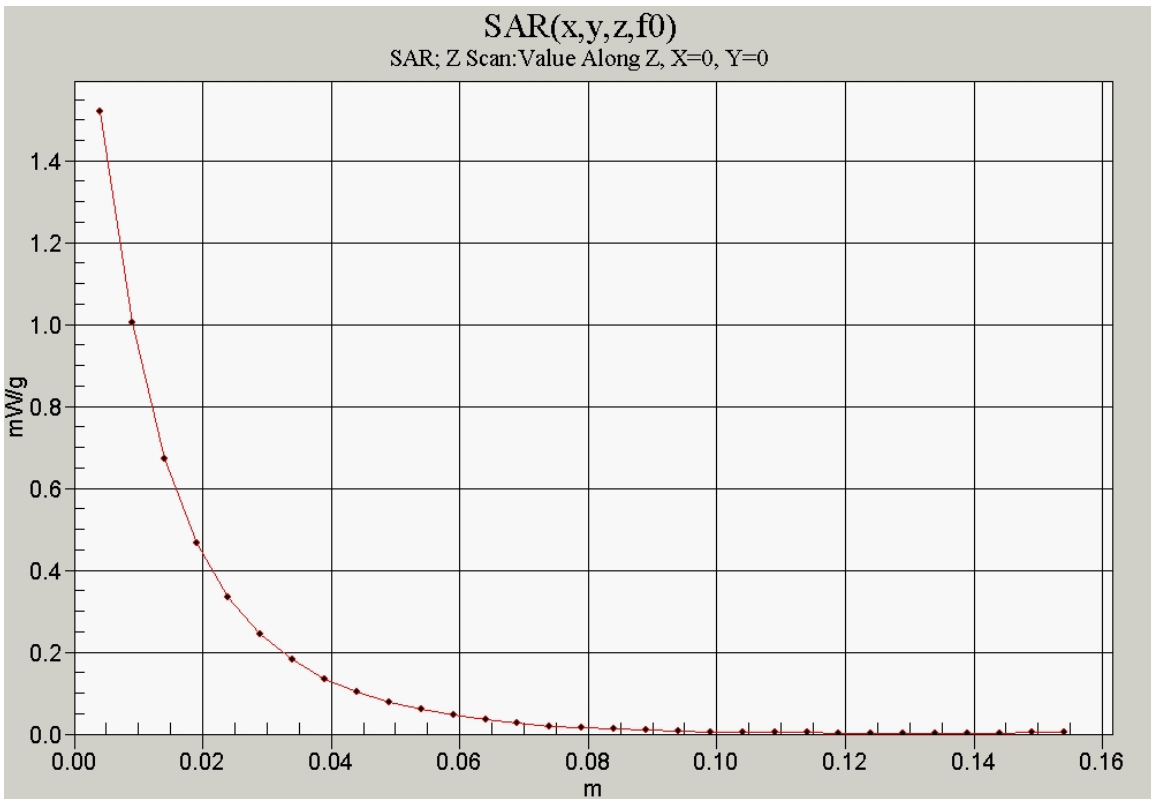
Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.853 mW/g

Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 1.54mW/g



Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 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; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ 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

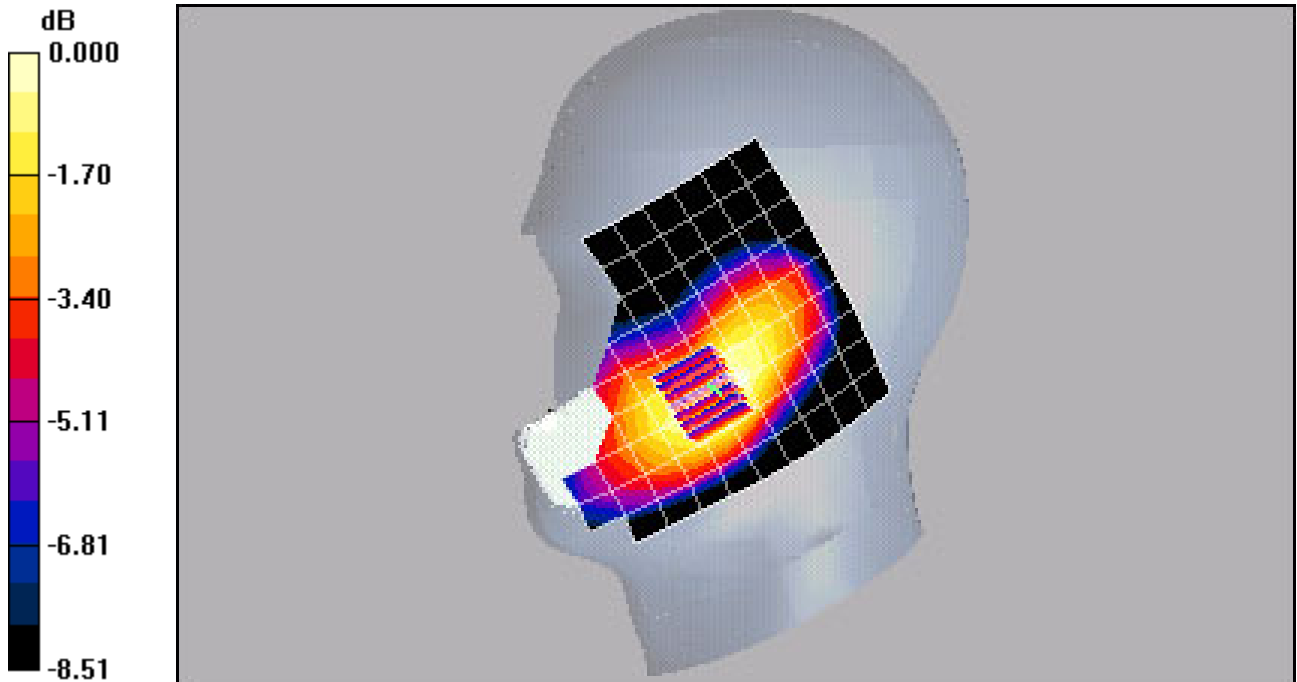
Reference Value = 11.5 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.177 mW/g

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

Maximum value of SAR (measured) = 0.252 mW/g



0 dB = 0.252mW/g

Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ 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 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

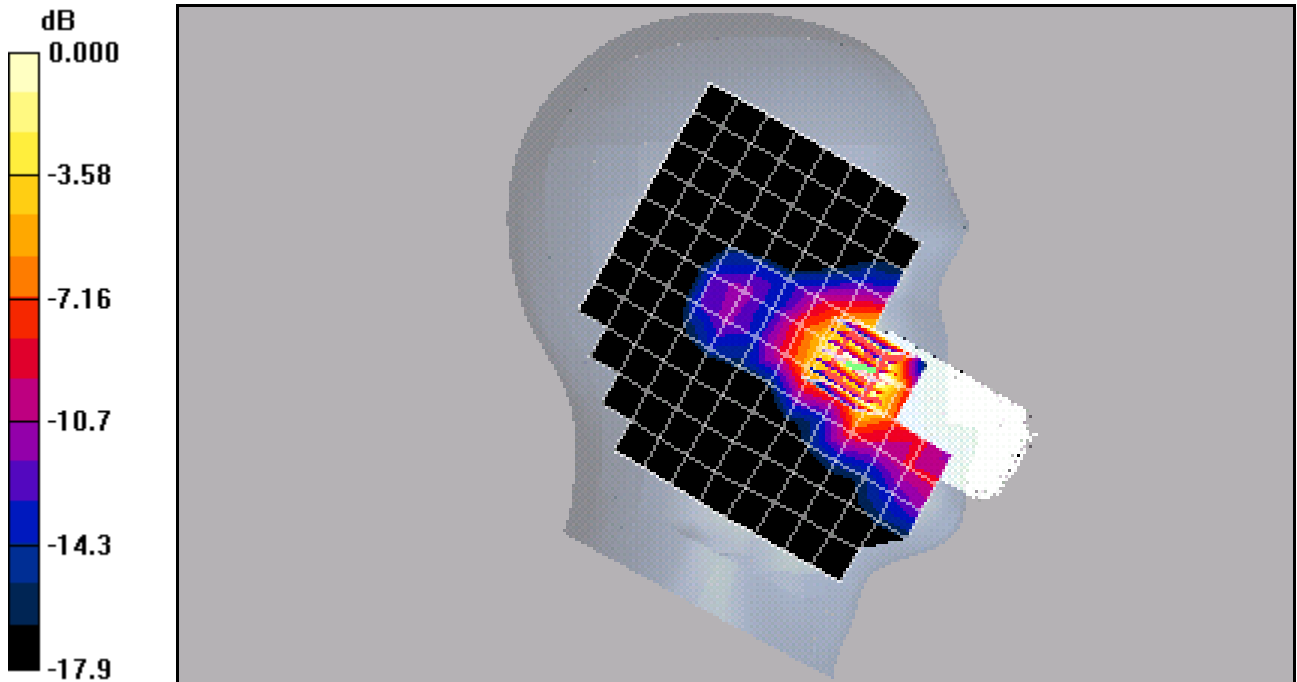
Reference Value = 6.71 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.551 mW/g

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

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ 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 = 8.43 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.066 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.107 mW/g

CDMA-1900 Ch600 LT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

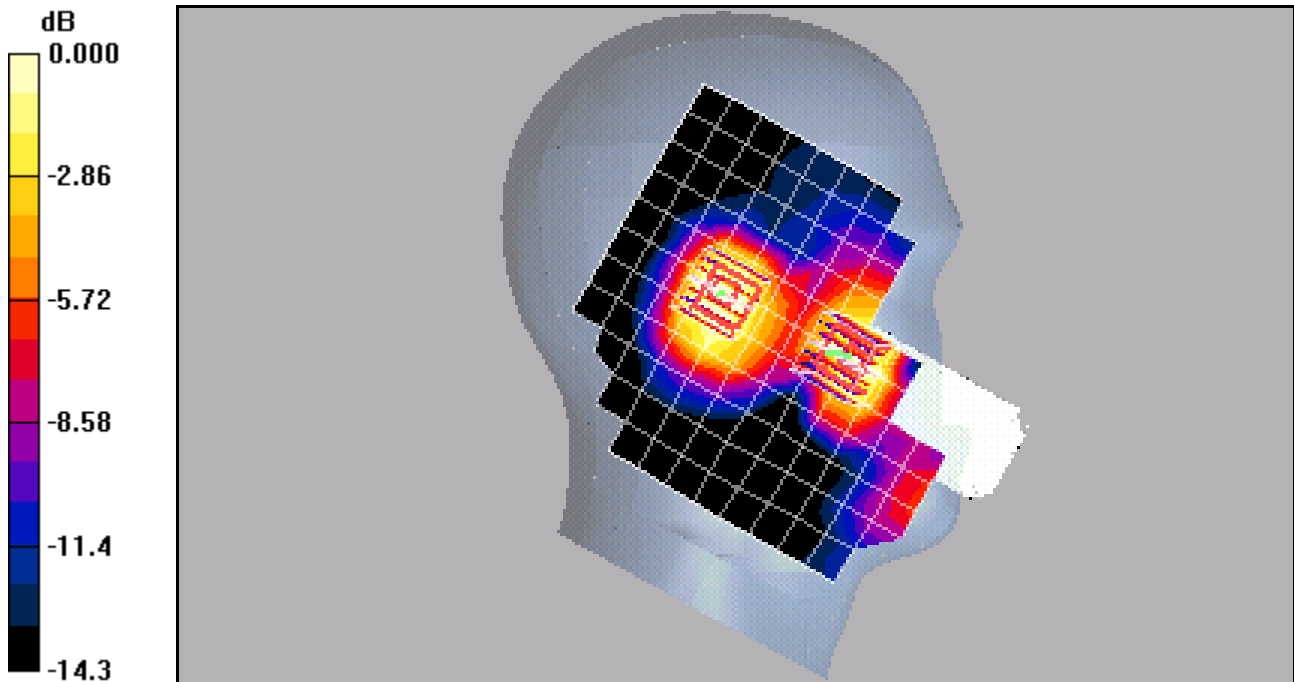
Reference Value = 8.43 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.058 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.096 mW/g



Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 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; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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

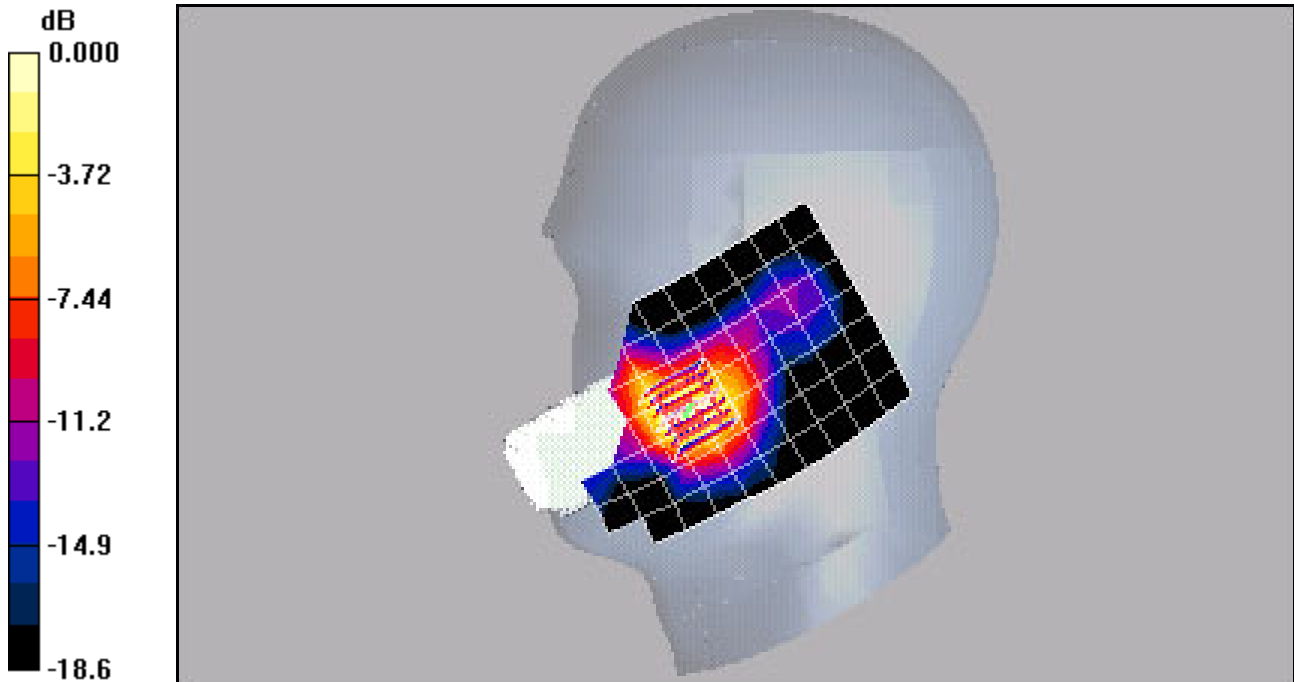
Reference Value = 6.53 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.65 W/kg

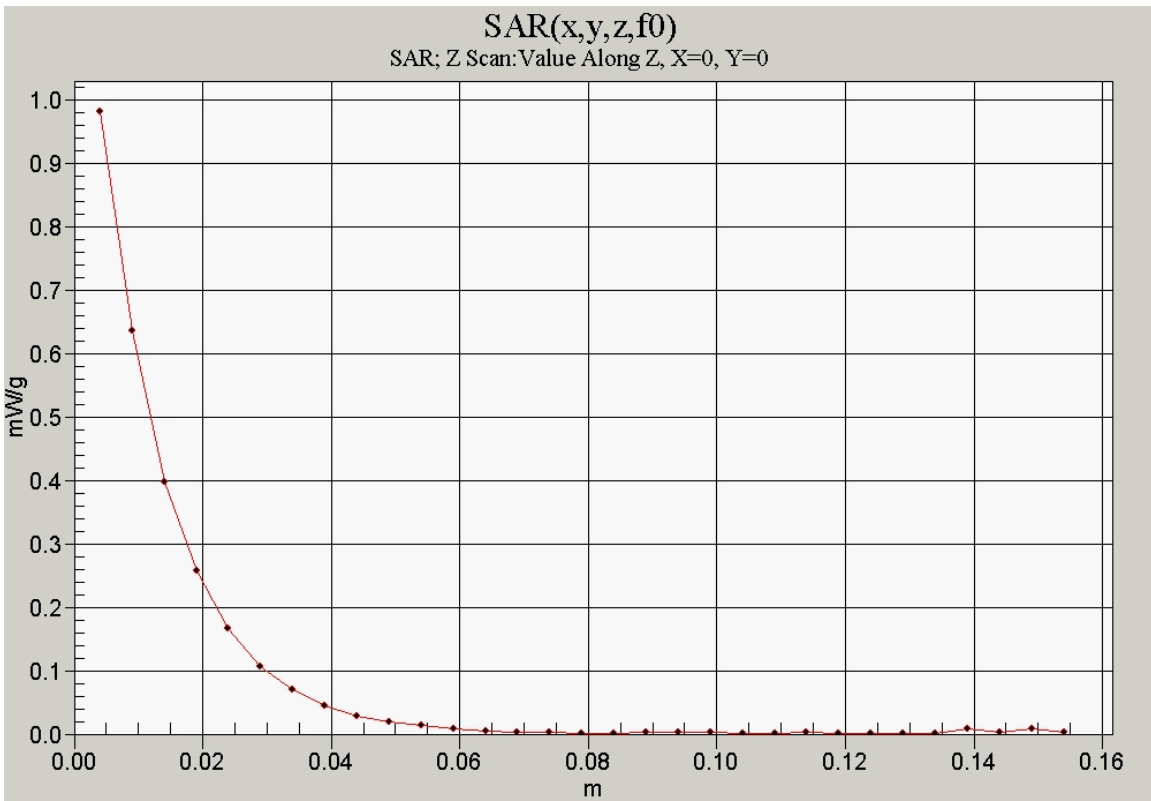
SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.549 mW/g

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

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10mW/g



Test Laboratory: Kyocera-Wireless Corp.

E1000 #1359 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; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ 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 = 8.88 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.071 mW/g

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

Maximum value of SAR (measured) = 0.120 mW/g

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.88 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.048 mW/g

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

Maximum value of SAR (measured) = 0.082 mW/g

