

Appendix B1:
SAR Distribution Plots (Head)

Test Laboratory: Kyocera Wireless Corp.

K38-01 #3260 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; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1618, ConvF(6.98, 6.98, 6.98), Calibrated: 9/19/2007
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn527, Calibrated: 9/14/2007
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

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

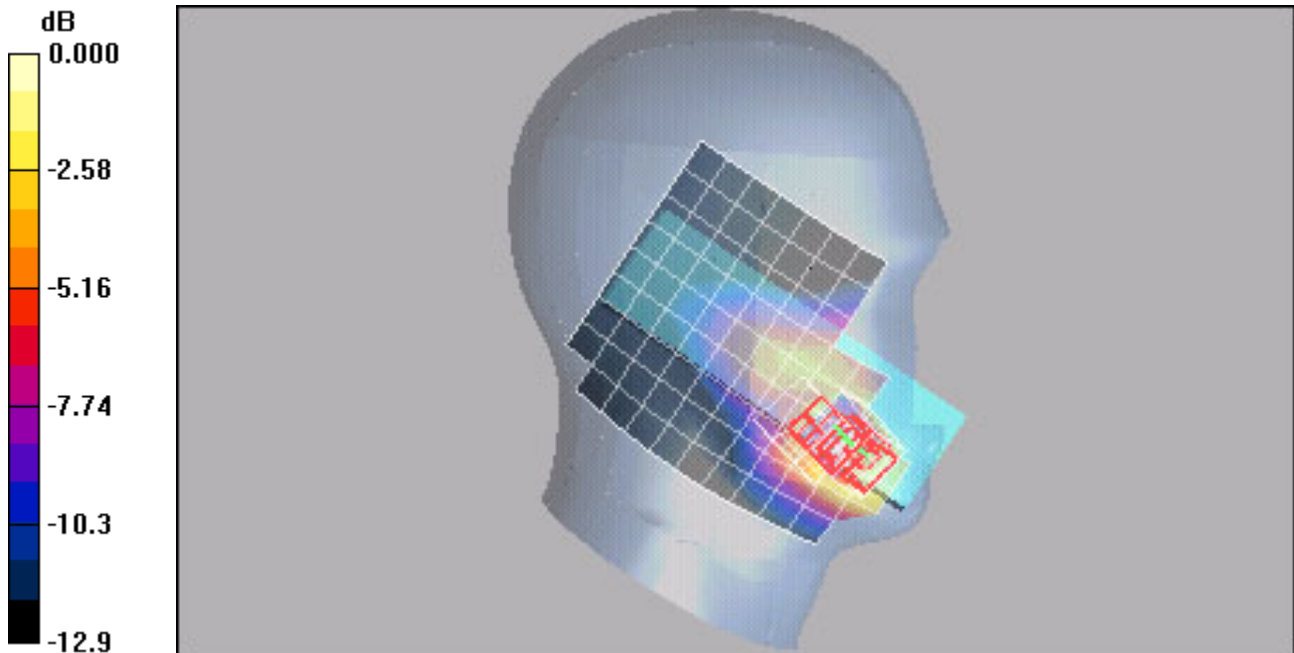
Reference Value = 7.80 V/m; Power Drift = -0.170 dB
 Peak SAR (extrapolated) = 1.01 W/kg
 SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.514 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.792 mW/g

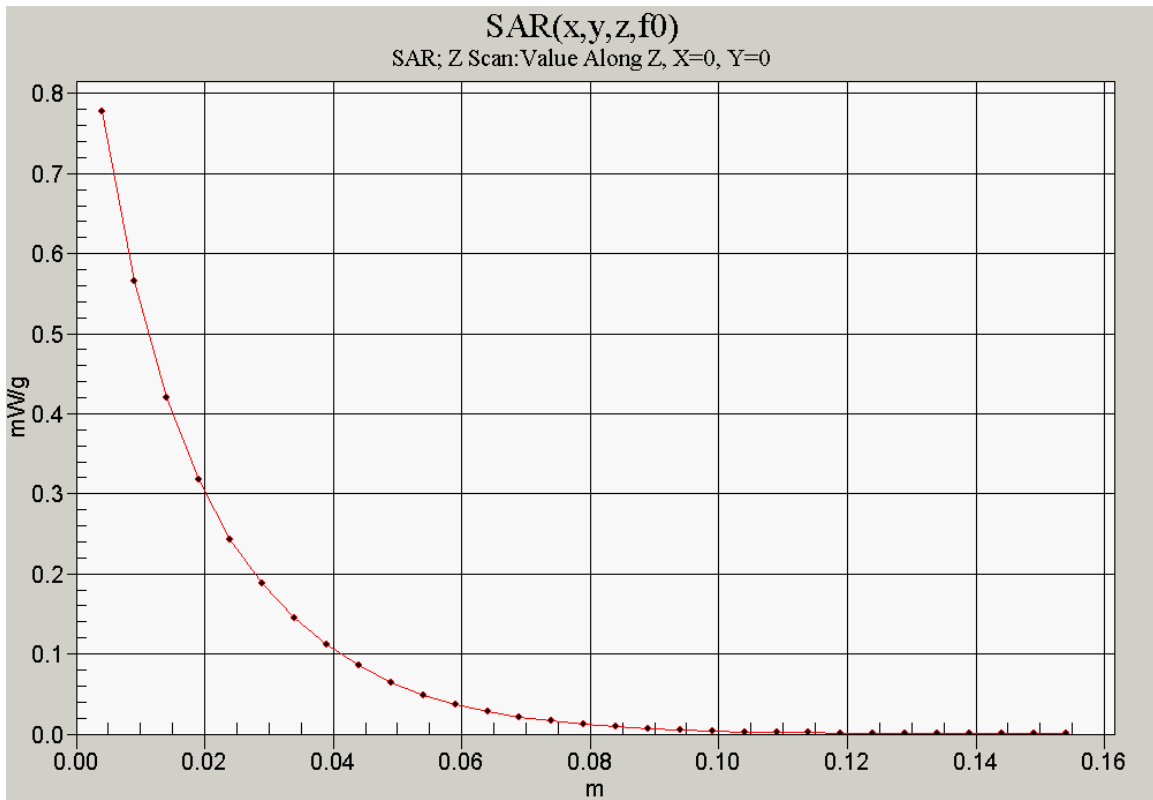
CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.80 V/m; Power Drift = -0.170 dB
 Peak SAR (extrapolated) = 2.25 W/kg
 SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.440 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.760 mW/g



0 dB = 0.760mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-01 #3260 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; $\sigma = 0.87$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.98, 6.98, 6.98), Calibrated: 9/19/2007

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn527,Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

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

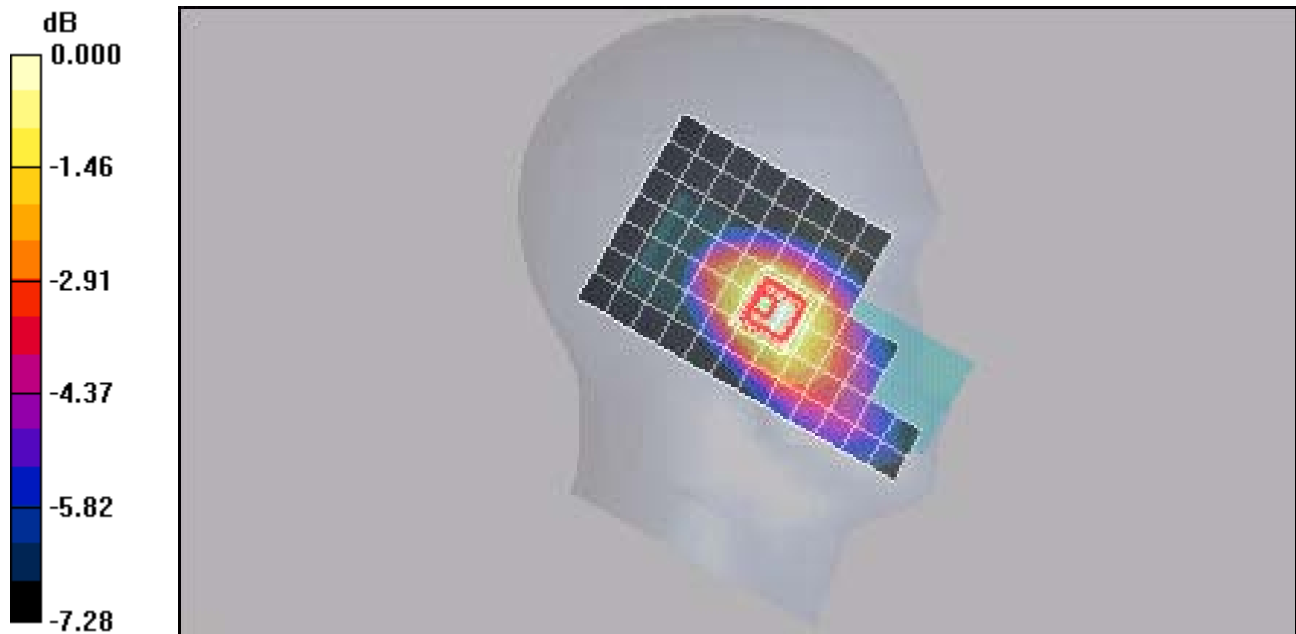
Reference Value = 12.0 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.182 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.

K38-01 #3260 CDMA-800 Ch383 Right Cheek

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.872$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.98, 6.98, 6.98), Calibrated: 9/19/2007

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn527, Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

Temperature:

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

CDMA-800 Ch383 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.78 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.471 mW/g

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

Maximum value of SAR (measured) = 0.715 mW/g

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

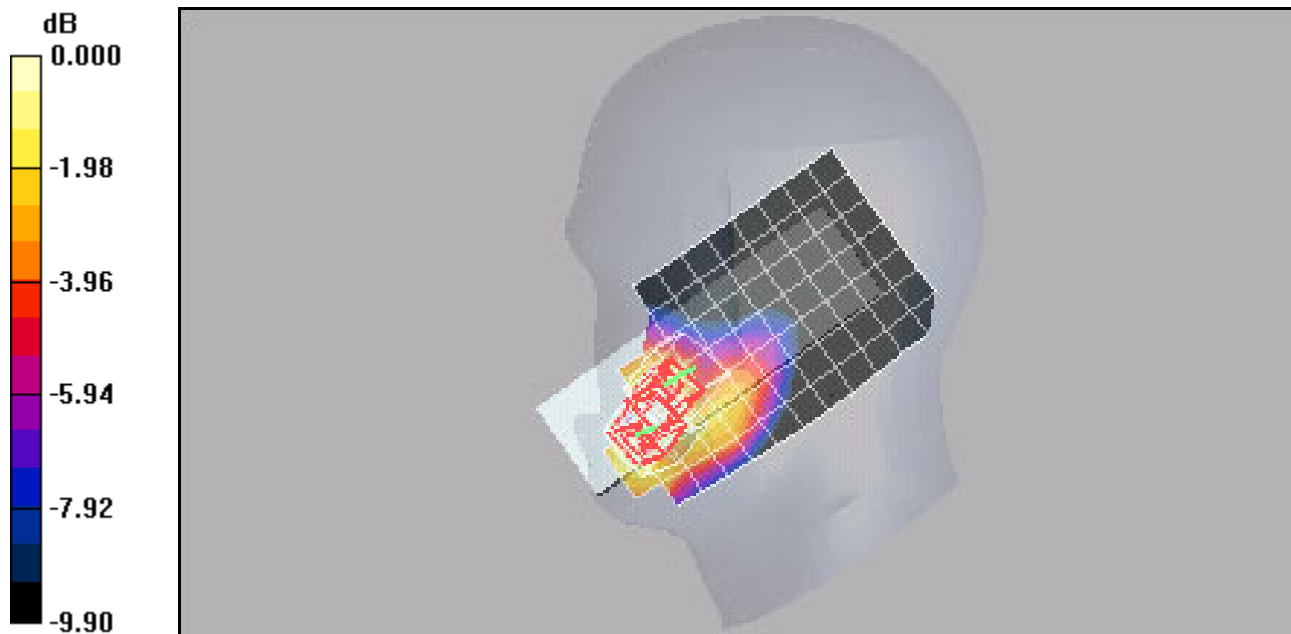
Reference Value = 6.78 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.420 mW/g

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

Maximum value of SAR (measured) = 0.645 mW/g



0 dB = 0.645mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-01 #3260 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; $\sigma = 0.872$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.98, 6.98, 6.98), Calibrated: 9/19/2007

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn527,Calibrated: 9/14/2007

Measurement SW: DASY4, V4.7 Build 71

Postprocessing SW: SEMCAD, V1.8 Build 176

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

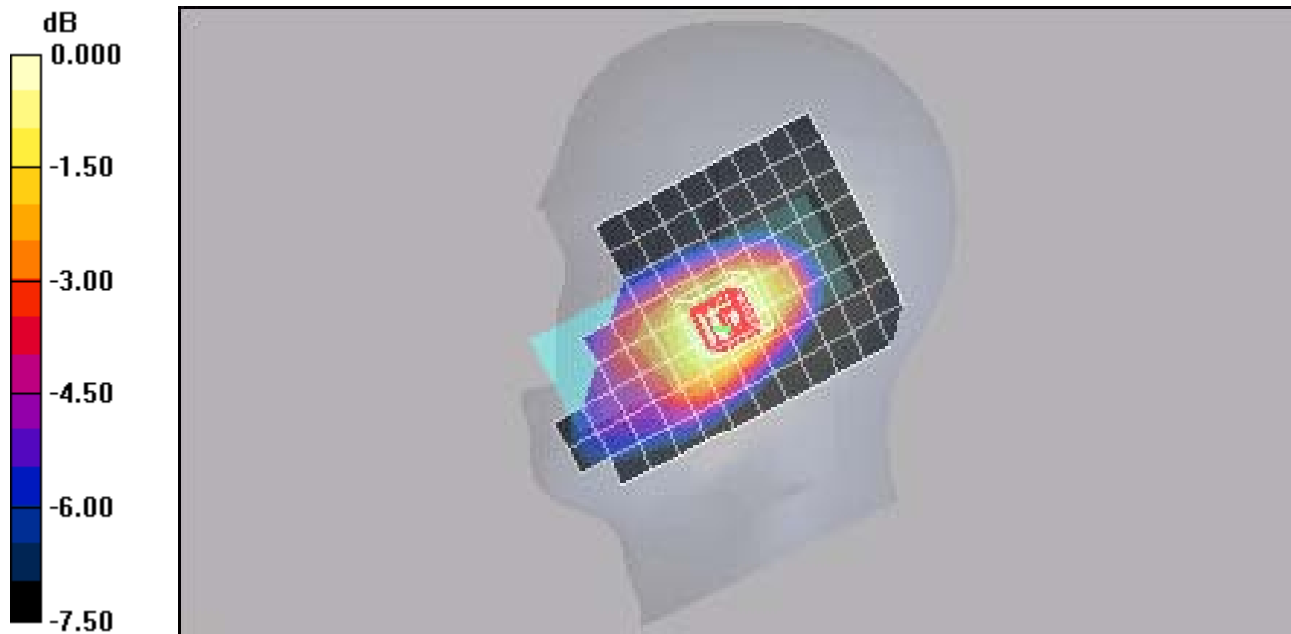
Reference Value = 12.7 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.179 mW/g

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

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246mW/g

Test Laboratory: Kyocera Wireless Corp.

K38-01 #3260 CDMA-800 Flat position for Mouth and Jaw region (Head)

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
 Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Flat Section

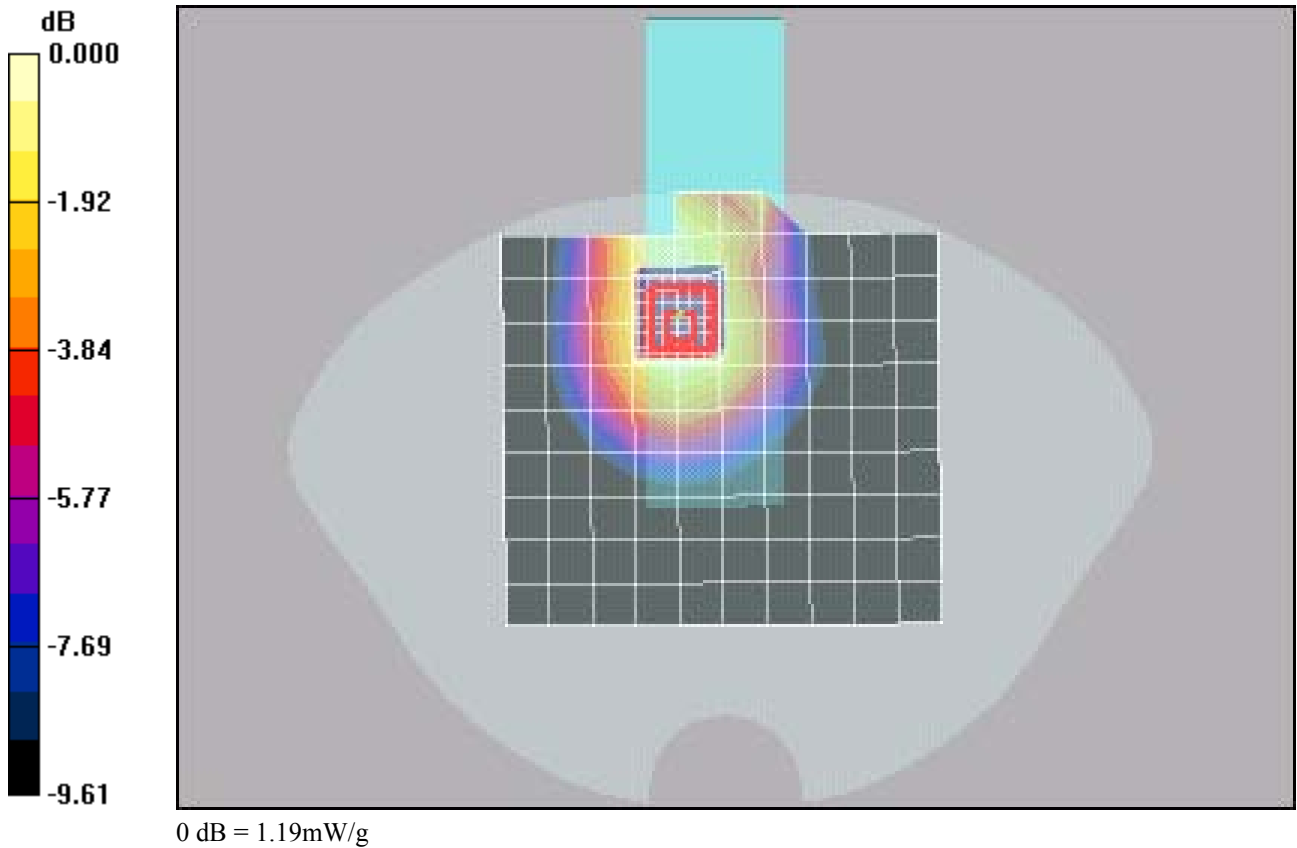
DASY4 Configuration:
 Probe: ET3DV6 - SN1713, ConvF(6.57, 6.57, 6.57), Calibrated: 4/22/2008
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn602, Calibrated: 6/25/2008
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

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

CDMA-800 Ch383 Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.237 dB
 Peak SAR (extrapolated) = 1.50 W/kg
 SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.785 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: Kyocera-Wireless Corp.

K38-01 #3260 CDMA-1900 Ch600 Left Cheek

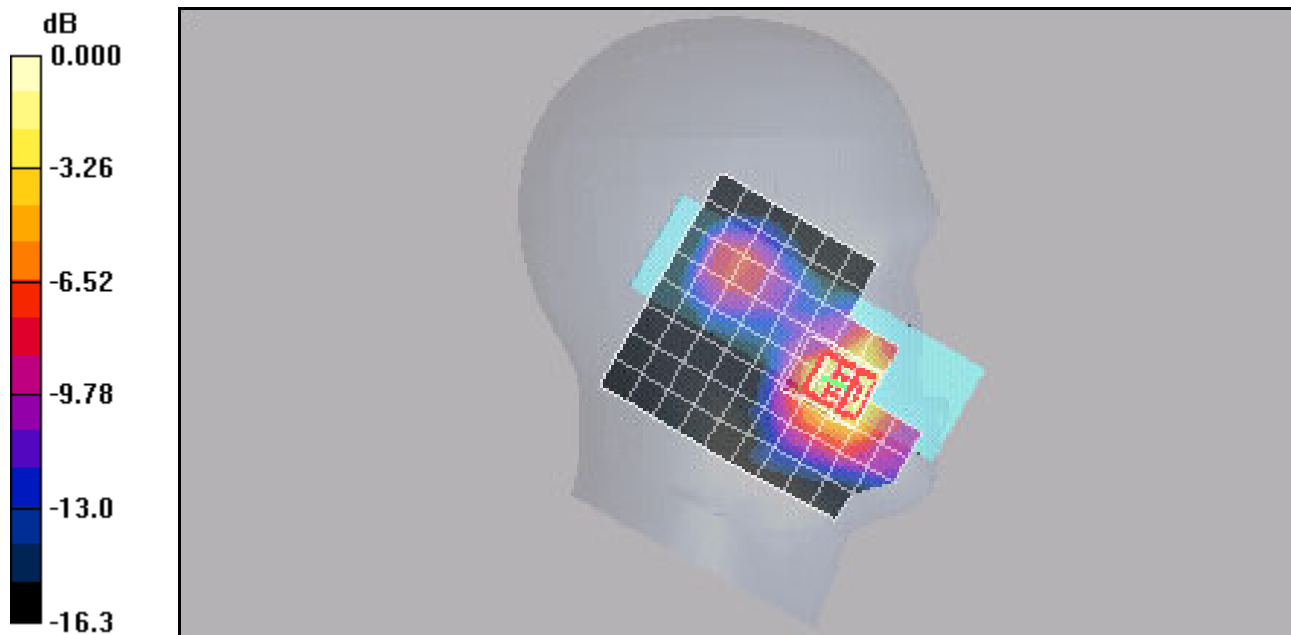
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800,Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
Phantom: SAM 12,Phantom section: Left Section

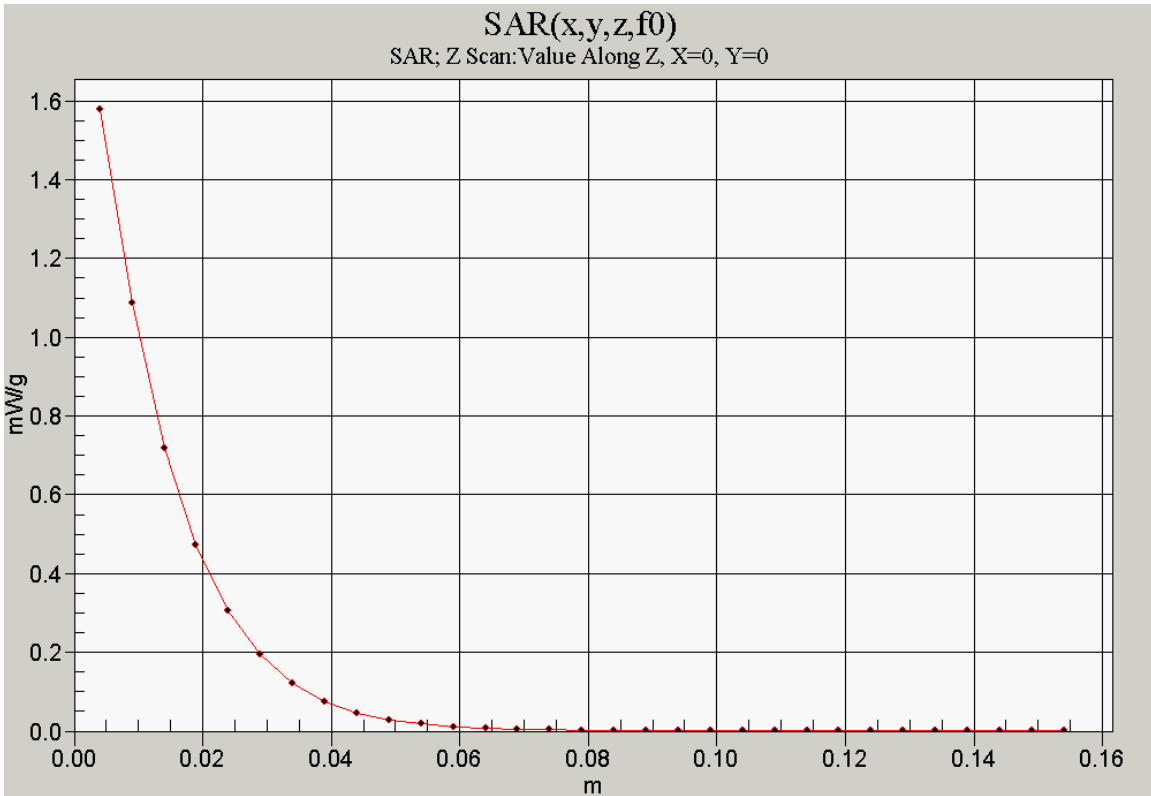
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5.31, 5.31, 5.31), Calibrated: 9/19/2007
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn527,Calibrated: 9/14/2007
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 176

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 = 12.5 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.834 mW/g
Maximum value of SAR (measured) = 1.56 mW/g





Test Laboratory: Kyocera-Wireless Corp.

K38-01 #3260 CDMA-1900 Ch600 Left Tilt

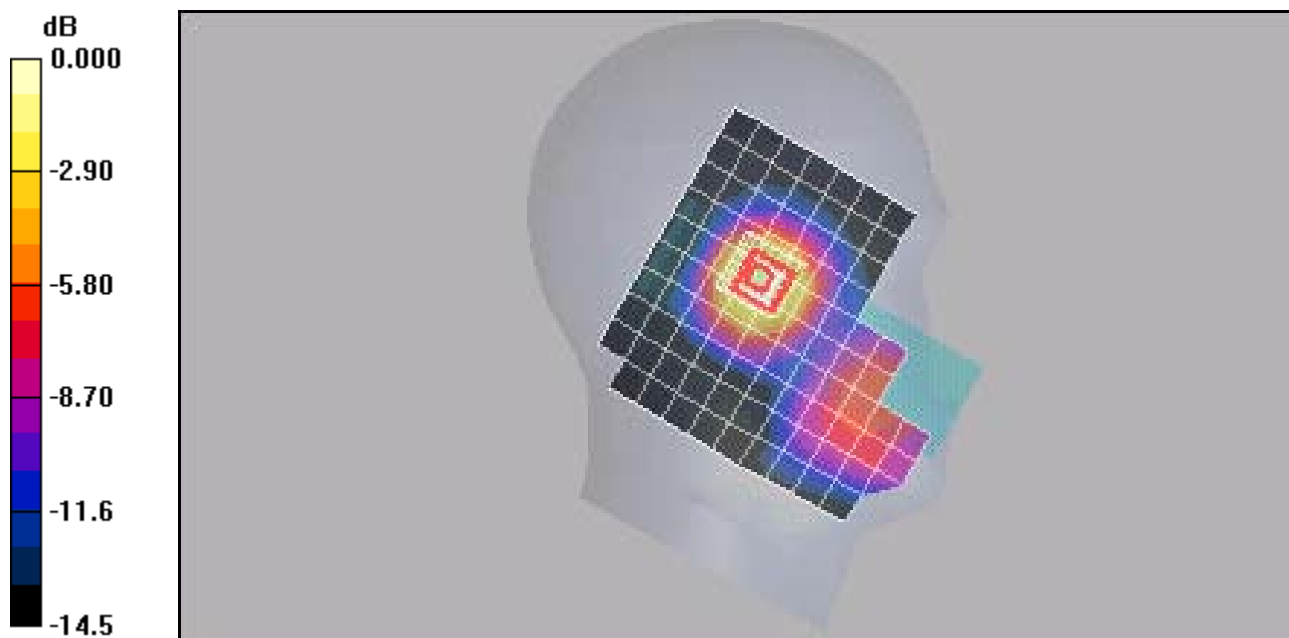
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1618, ConvF(5.31, 5.31, 5.31), Calibrated: 9/19/2007
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn527, Calibrated: 9/14/2007
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

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 = 9.20 V/m; Power Drift = 0.161 dB
 Peak SAR (extrapolated) = 0.521 W/kg
SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.240 mW/g
 Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.415mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-01 #3260 CDMA-1900 Ch600 Right Cheek

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800, Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$
 Phantom: SAM 12, Phantom section: Right Section

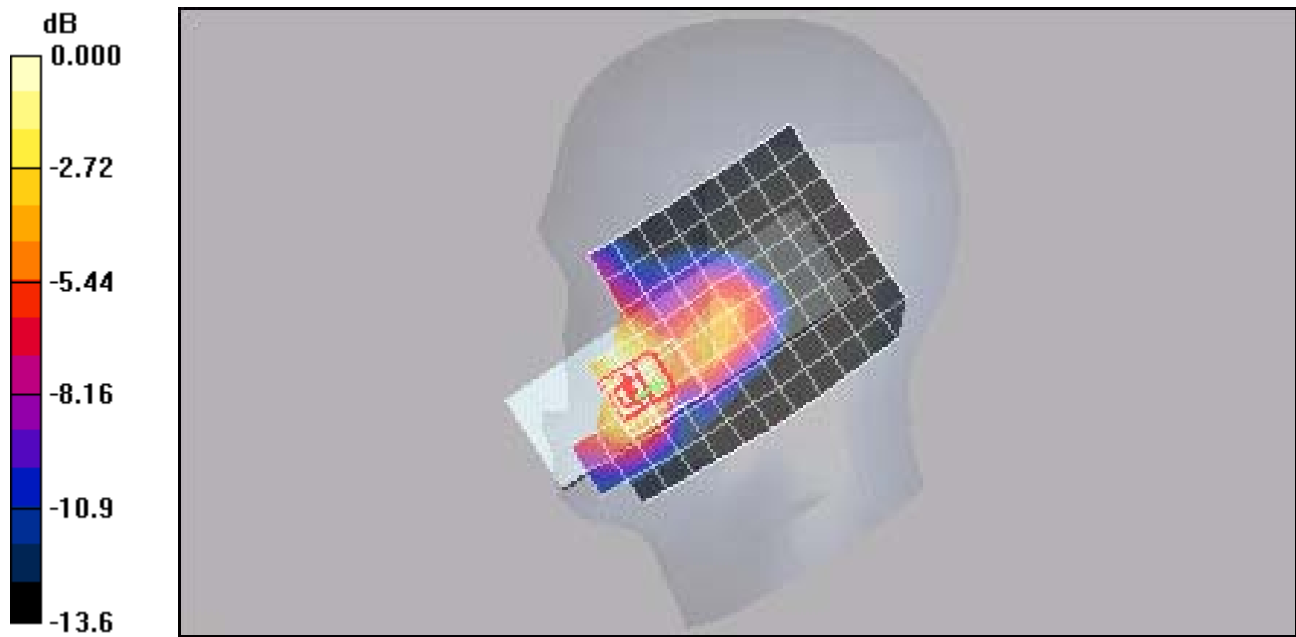
DASY4 Configuration:
 Probe: ET3DV6 - SN1618, ConvF(5.31, 5.31, 5.31), Calibrated: 9/19/2007
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn527, Calibrated: 9/14/2007
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

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 = 4.86 V/m; Power Drift = -0.079 dB
 Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.546 mW/g



0 dB = 0.546mW/g

Test Laboratory: Kyocera-Wireless Corp.

K38-01 #3260 CDMA-1900 Ch600 Right Tilt

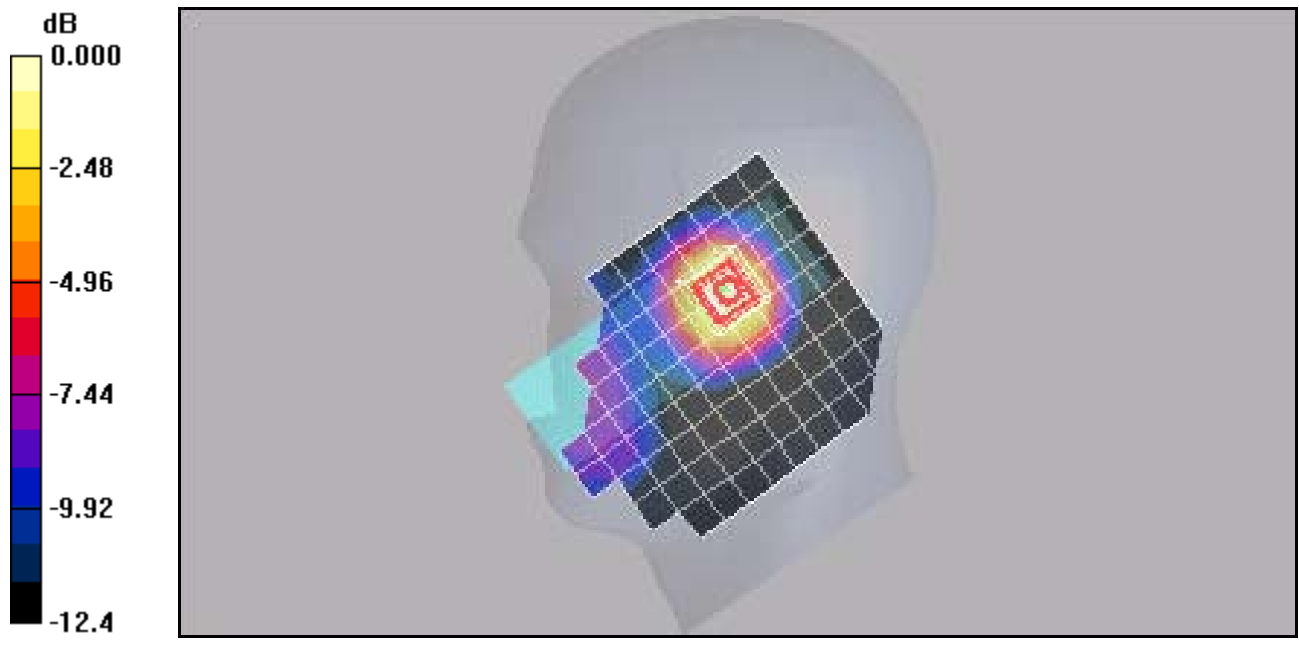
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800,Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³
 Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1618, ConvF(5.31, 5.31, 5.31), Calibrated: 9/19/2007
 Sensor-Surface: 4mm (Mechanical Surface Detection),
 Electronics: DAE4 Sn527,Calibrated: 9/14/2007
 Measurement SW: DASY4, V4.7 Build 71
 Postprocessing SW: SEMCAD, V1.8 Build 176

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 = 9.30 V/m; Power Drift = -0.055 dB
 Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.191 mW/g
 Maximum value of SAR (measured) = 0.327 mW/g



0 dB = 0.327mW/g

K38-01 #3260 Bluetooth-2450 Ch78 Left Cheek

Communication System: Bluetooth 2450Mhz, Frequency: 2480 MHz, Duty Cycle: 1:1
Medium: HSL2450,Medium parameters used: $f = 2480$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
Phantom: SAM 12,Phantom section: Left Section

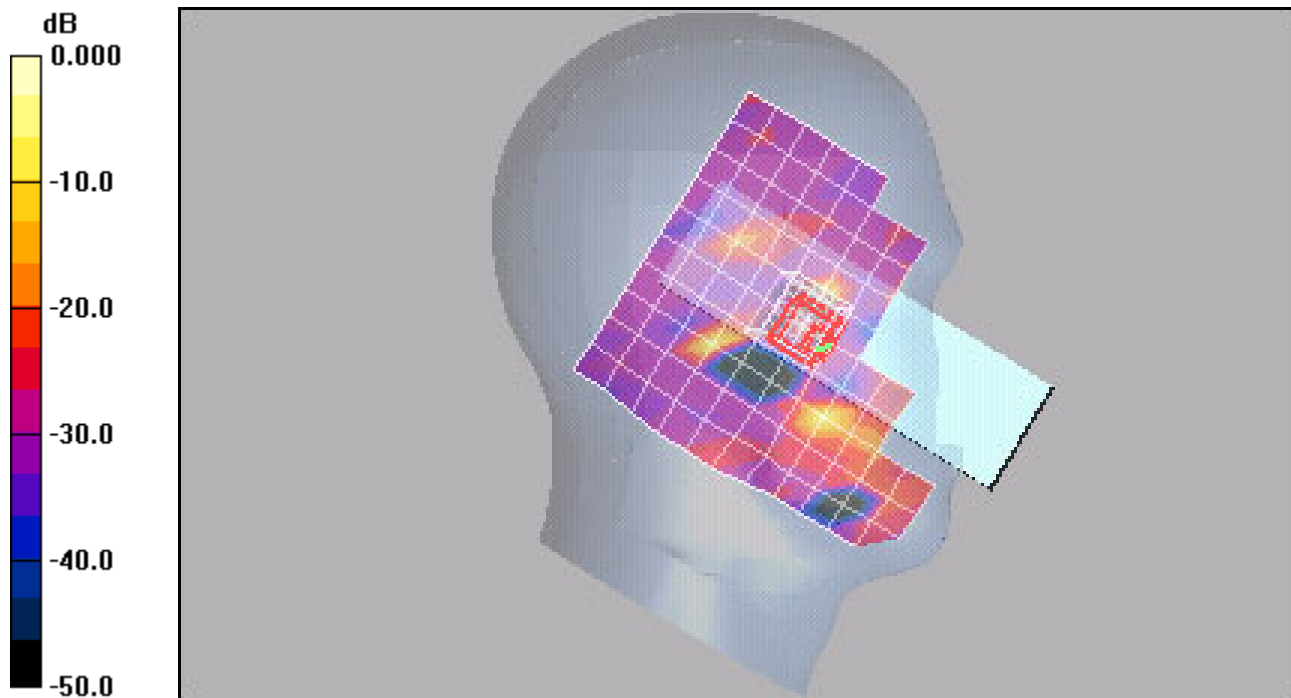
DASY4 Configuration:
Probe: ES3DV3 - SN3078, ConvF(4.46, 4.46, 4.46), Calibrated: 6/23/2008
Sensor-Surface: 4mm (Mechanical Surface Detection),
Electronics: DAE4 Sn675,Calibrated: 4/21/2008
Measurement SW: DASY4, V4.7 Build 71
Postprocessing SW: SEMCAD, V1.8 Build 176

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

Bluetooth CH 78 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.576 V/m; Power Drift = 0.692 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.000906 mW/g

Maximum value of SAR (measured) = 0.199 mW/g



0 dB = 0.199mW/g