Appendix B-3:

CDMA 1900 (Head)

SAR Distribution Plots

Date/Time: 04/14/05 05:41:49

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Left Cheek Phone Open

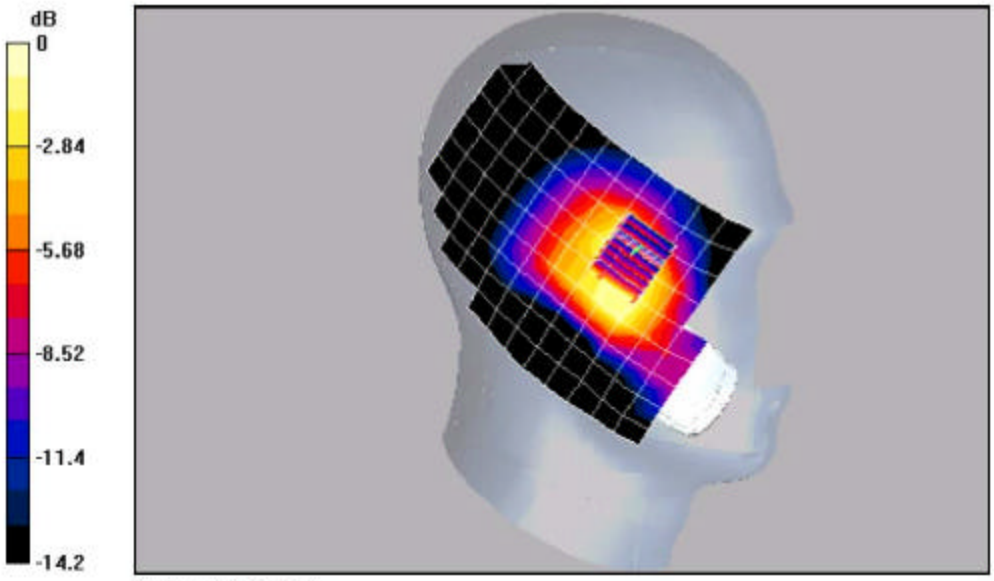
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.37 mho/m, ϵ_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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 = 11.1 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 0.823 W/kg
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.522 mW/g



0 dB = 0.522mW/g

Date/Time: 04/14/05 05:41:49

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Left Tilt Phone Open

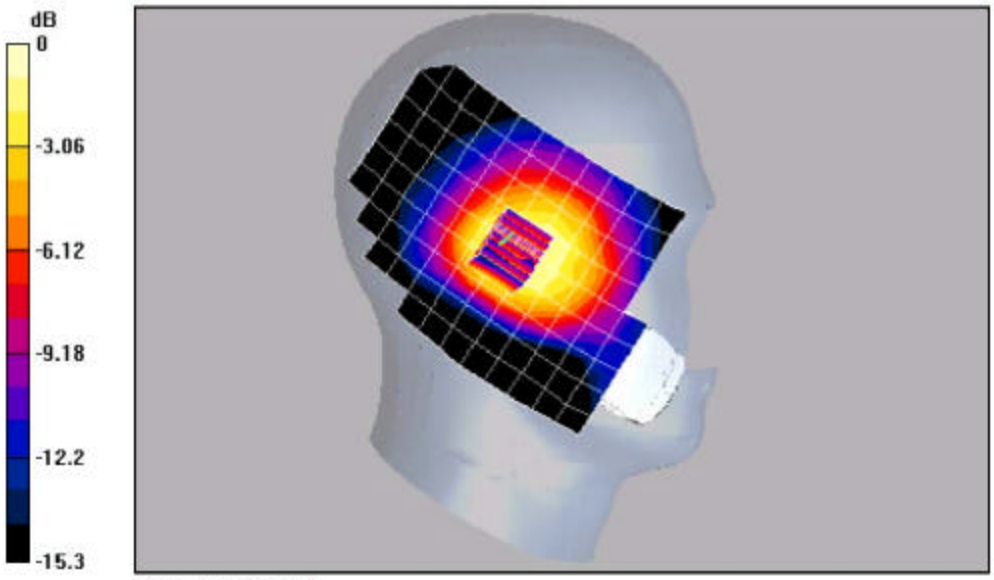
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.37 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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 = 15.7 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 3.96 W/kg
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

Date/Time: 04/14/05 07:01:32

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Right Cheek Phone Open

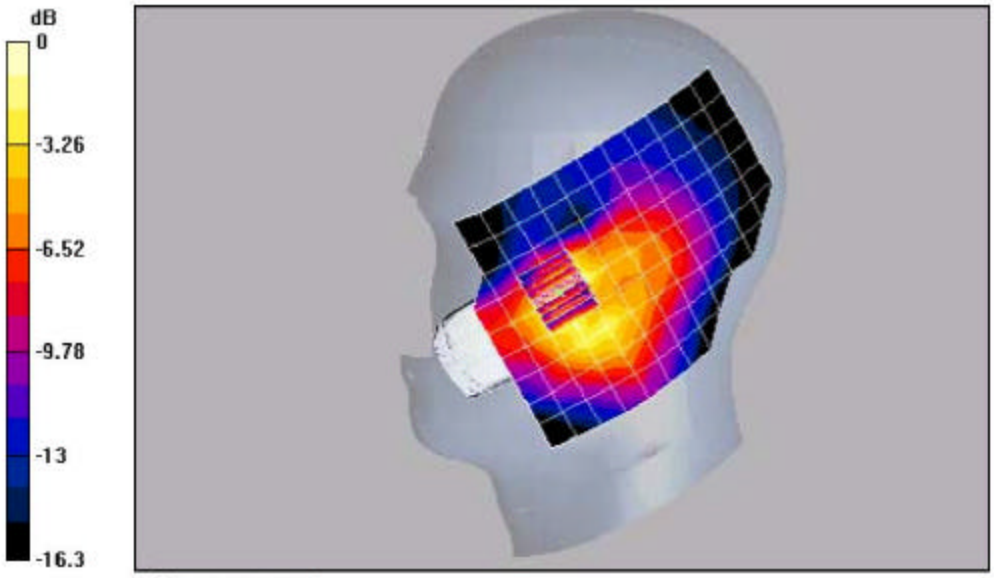
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.37 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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 = 9.75 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.473 W/kg
SAR(1 g) = 0.345 mW/g SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.379 mW/g



0 dB = 0.379mW/g

Date/Time: 04/14/05 20:46:22

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Right Tilt Phone Open, Extended Battery

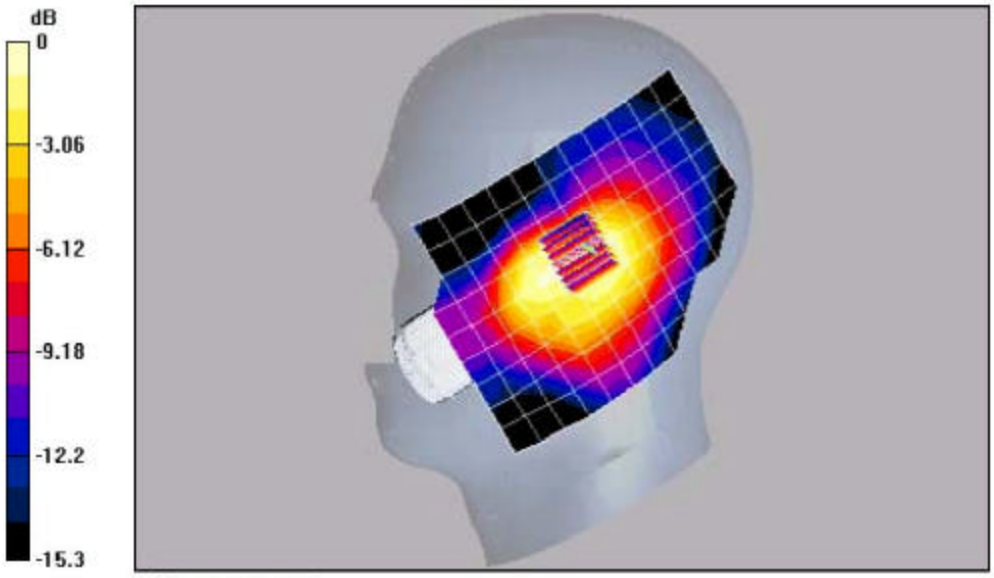
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.37 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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 = 14.3 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.253 mW/g SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.273mW/g

Date/Time: 04/14/05 14:10:44

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch25 Left Cheek Phone Closed, Extended Battery

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used (interpolated): f = 1851.25 MHz, σ = 1.37 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

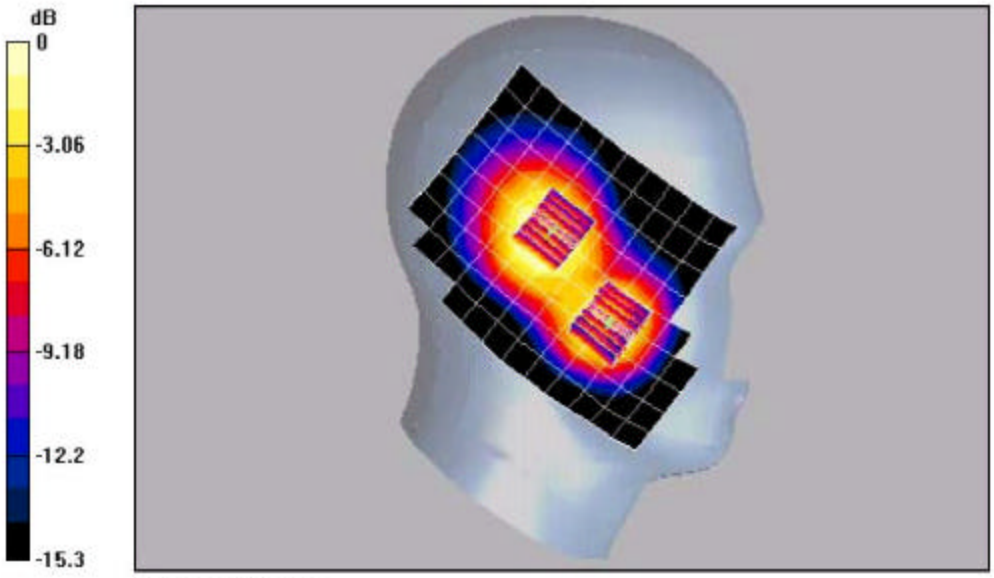
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch25 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.980 mW/g SAR(10 g) = 0.588 mW/g
Info: Interpolated medium parameter s used for SAR evaluation!
Maximum value of SAR (measured) = 1.06 mW/g

CDMA-1900 Ch25 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.706 mW/g SAR(10 g) = 0.452 mW/g
Info: Interpolated medium parameter s used for SAR evaluation!
Maximum value of SAR (measured) = 0.762 mW/g



0 dB = 0.762mW/g

Date/Time: 04/13/05 10:47:09

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Left Tilt Phone Closed

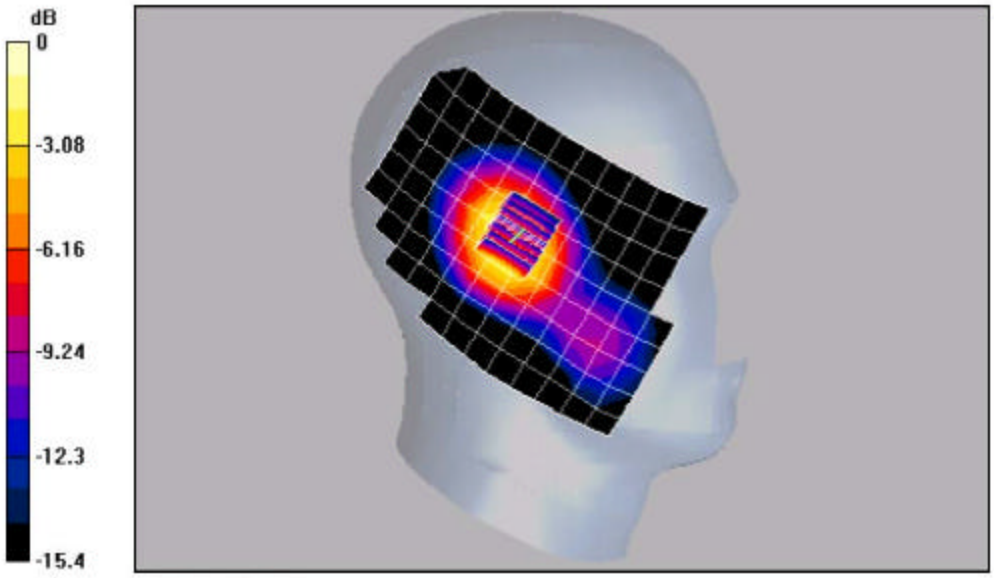
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.35 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

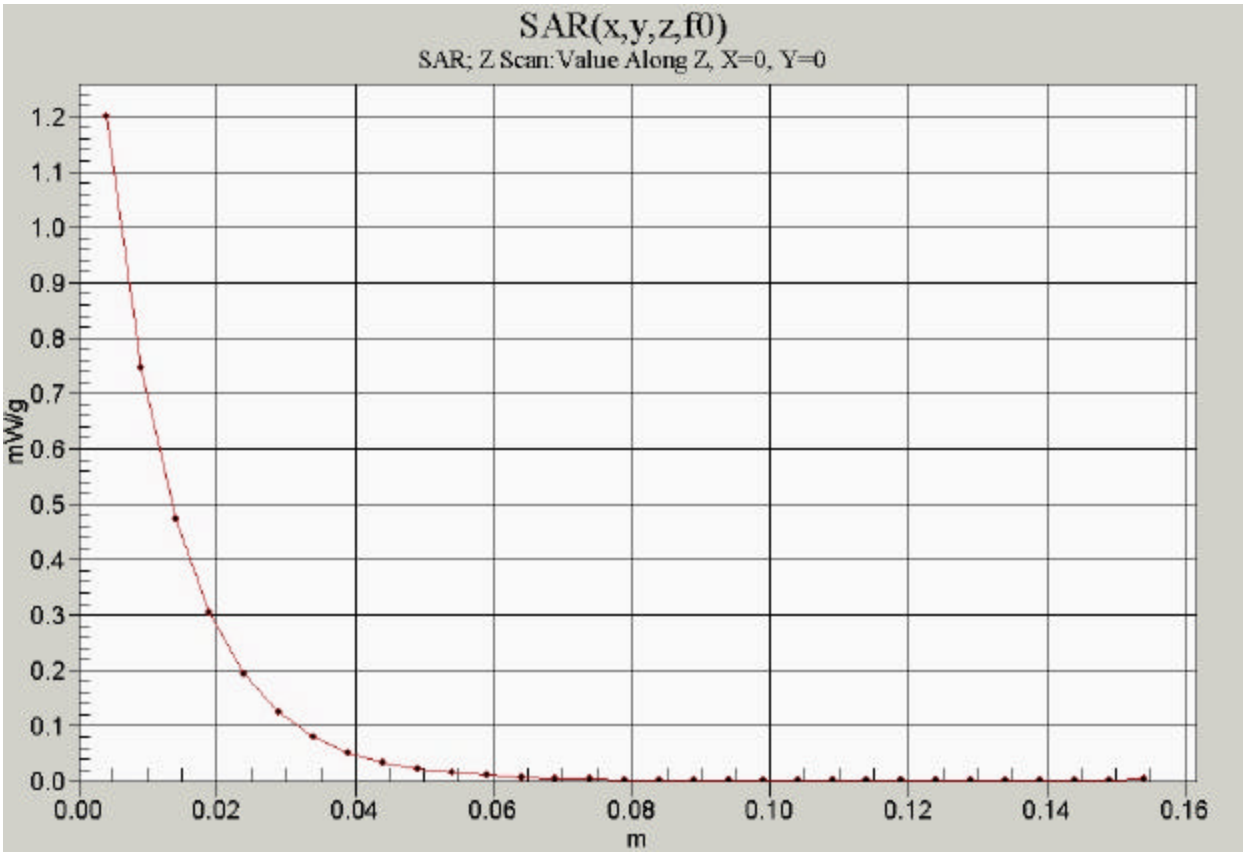
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 30.2 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 1.9 W/kg
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.723 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g


SAR(x,y,z,f0)
SAR; Z Scan: Value Along Z, X=0, Y=0
mW/g
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

Date/Time: 04/14/05 02:43:08

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Right Cheek Phone Closed, Extended Battery

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.37 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602,Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

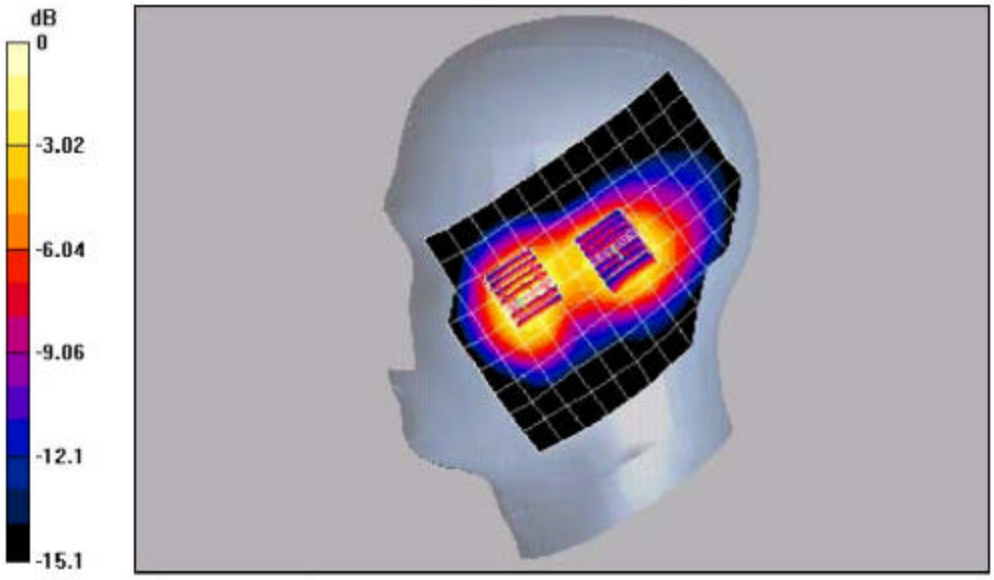
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 23.9 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.729 mW/g SAR(10 g) = 0.479 mW/g
Maximum value of SAR (measured) = 0.782 mW/g

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

Reference Value = 23.9 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.725 mW/g SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 0.811 mW/g



0 dB = 0.811mW/g

Date/Time: 04/14/05 15:57:27

Test Laboratory: Kyocera

KX5-5C0 #R6JD CDMA-1900 ch600 Right Tilt Phone Closed

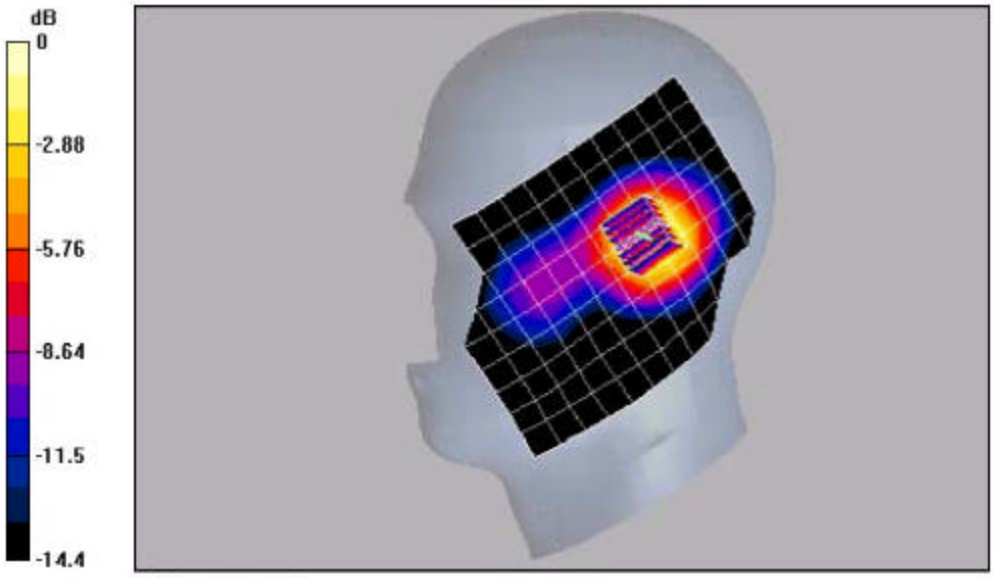
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800, Medium parameters used: f = 1880 MHz, σ = 1.37 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(5.43, 5.43, 5.43), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE4 Sn602, Calibrated: 8/27/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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 = 27.9 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13mW/g