

APPENDIX B:
SAR Distribution Plots
For
Model KX2

Section 1**SAR Distribution plots for Head Configuration (PCS)**

Date/Time: 12/09/03 20:20:43

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-09-03.dxf](#)

KX2 #4G7T, CDMA1900 ch600, Left Cheek, ANTENNA RETRACTED, 12-09-03

DUT: KX2

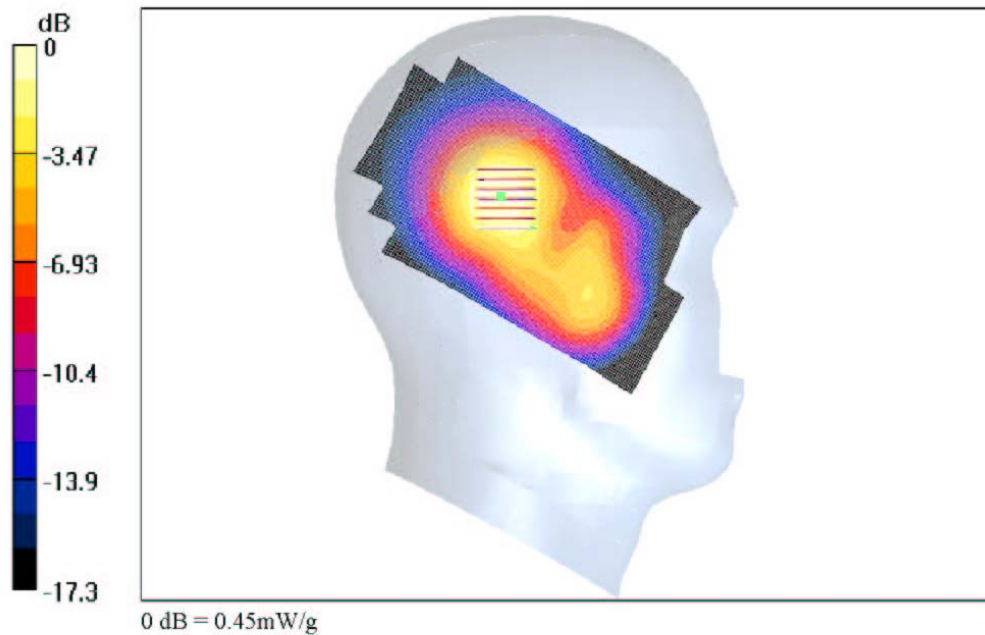
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.44$ mho/m, $\epsilon_r = 40.18$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS 600 LC/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 12.8 V/m
Power Dnft = 0.07 dB
Maximum value of SAR = 0.462 mW/g

PCS 600 LC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.671 W/kg
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.238 mW/g
Reference Value = 12.8 V/m
Power Dnft = 0.07 dB
Maximum value of SAR = 0.45 mW/g



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Date/Time: 12/09/03 20:19:49

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-09-03.d44](#)

KX2 #4G7T, CDMA1900 ch600, Left Cheek, ANTENNA EXTENDED, 12-09-03

DUT: KX2

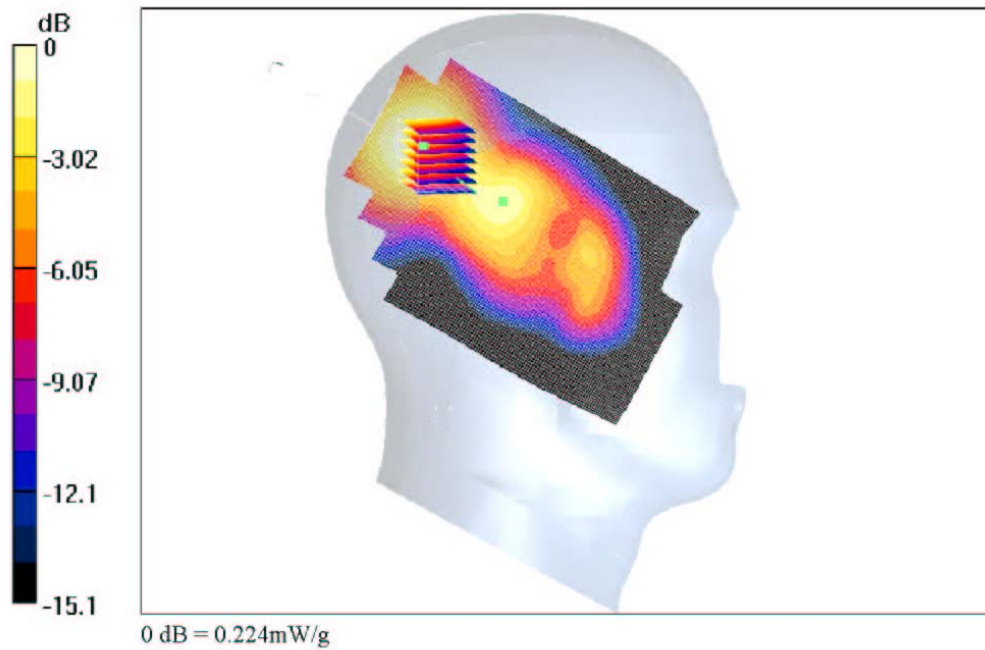
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.44$ mho/m, $\epsilon_r = 40.18$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS 600 LC/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.29 V/m
Power Dnft = 0.001 dB
Maximum value of SAR = 0.232 mW/g

PCS 600 LC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.132 mW/g
Reference Value = 8.29 V/m
Power Dnft = 0.001 dB
Maximum value of SAR = 0.224 mW/g



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Date/Time: 12/09/03 20:20:43

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-09-03.dxf](#)

KX2 #4G7T, CDMA1900 ch600, Left Tilt, ANTENNA RETRACTED, 12-09-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.44$ mho/m, $\epsilon_r = 40.18$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

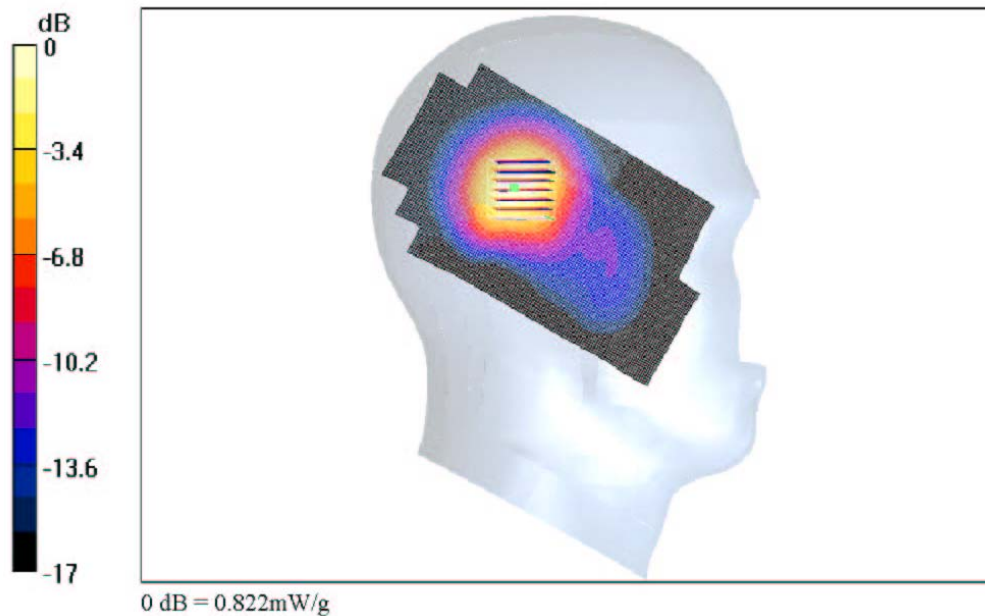
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

PCS 600 LT/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.2 V/m
Power Dnft = -0.08 dB
Maximum value of SAR = 0.835 mW/g

PCS 600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.398 mW/g
Reference Value = 10.2 V/m
Power Dnft = -0.08 dB
Maximum value of SAR = 0.822 mW/g



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Date/Time: 12/12/03 11:44:57

Test Laboratory: Kyocera Wireless Corporation

File Name: [KX2 #4G7T, Extended Battery, FCC CDMA1900, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-12-03.d4](#)

KX2 #4G7T,CDMA1900 ch600, Left Tilt, ANTENNA RETRACTED, 12-12-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz, ($\sigma = 1.46$ mho/m, $\epsilon_r = 40.45$, $\rho = 1000$ kg/m³)

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003

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

Electronics: DAE3 Sn527, Calibrated: DAE not calibrated

Measurement SW: DASY4, V4.1 Build 47

Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

PCS 600 LT/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.55 V/m

Power Dnft = -0.2 dB

Maximum value of SAR = 0.989 mW/g

PCS 600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

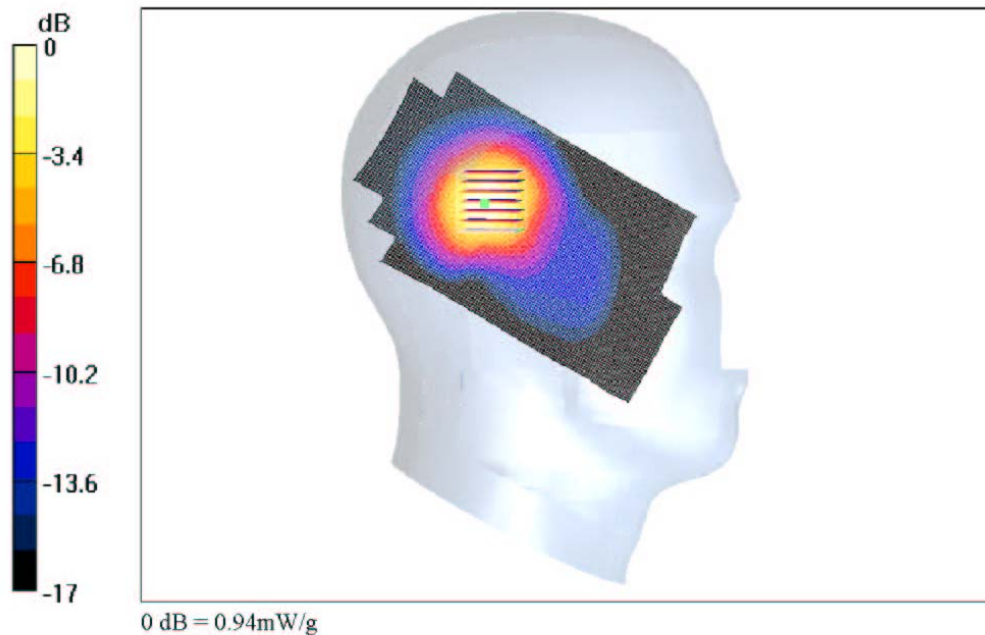
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.85 mW/g, SAR(10 g) = 0.462 mW/g

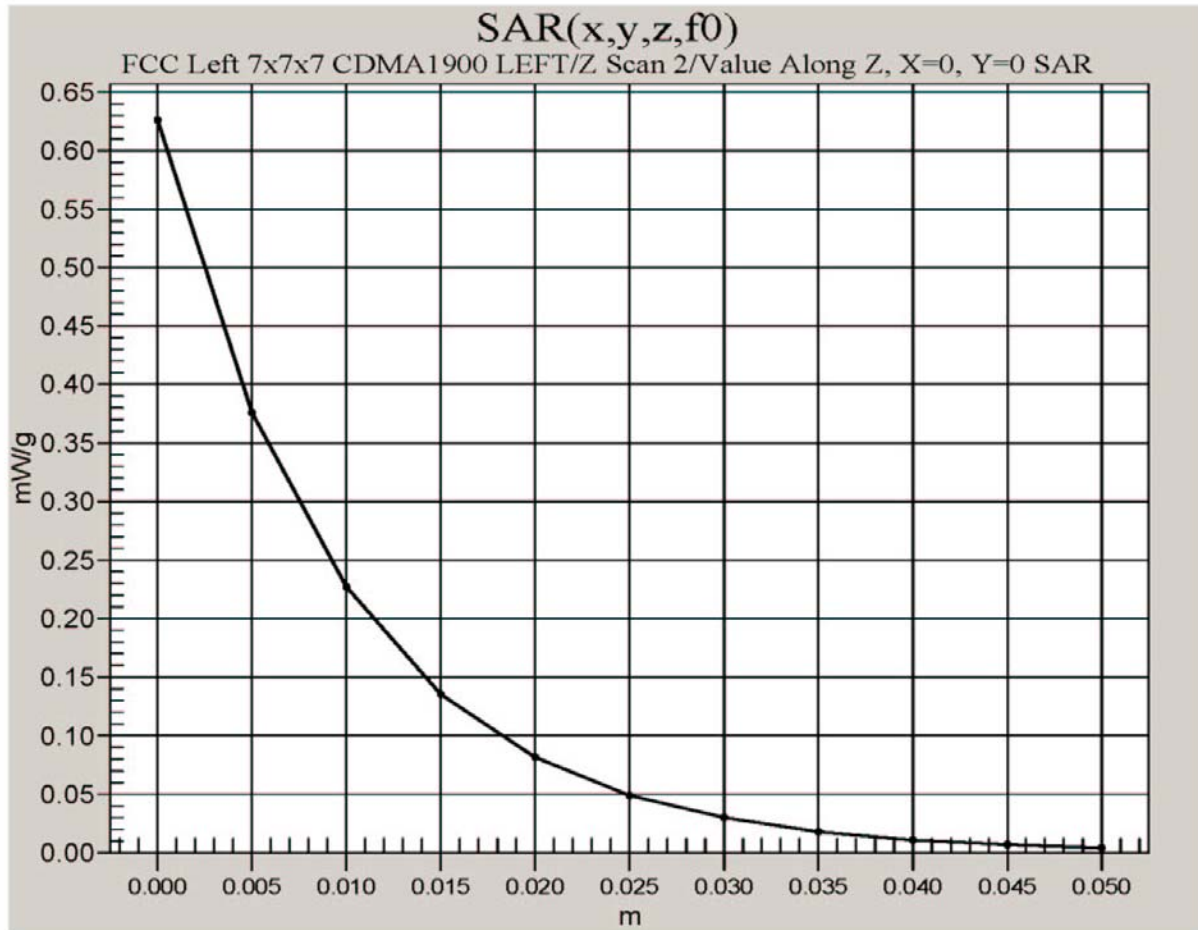
Reference Value = 9.55 V/m

Power Dnft = -0.2 dB

Maximum value of SAR = 0.94 mW/g



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KX2 # 4G7T, CDMA 1900 CH.600, Closed Left Tilt, Extended Battery, Antenna Retracted


Date/Time: 12/09/03 20:19:49

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-09-03.d44](#)

KX2 #4G7T, CDMA1900 ch600, Left Tilt, ANTENNA EXTENDED, 12-09-03

DUT: KX2

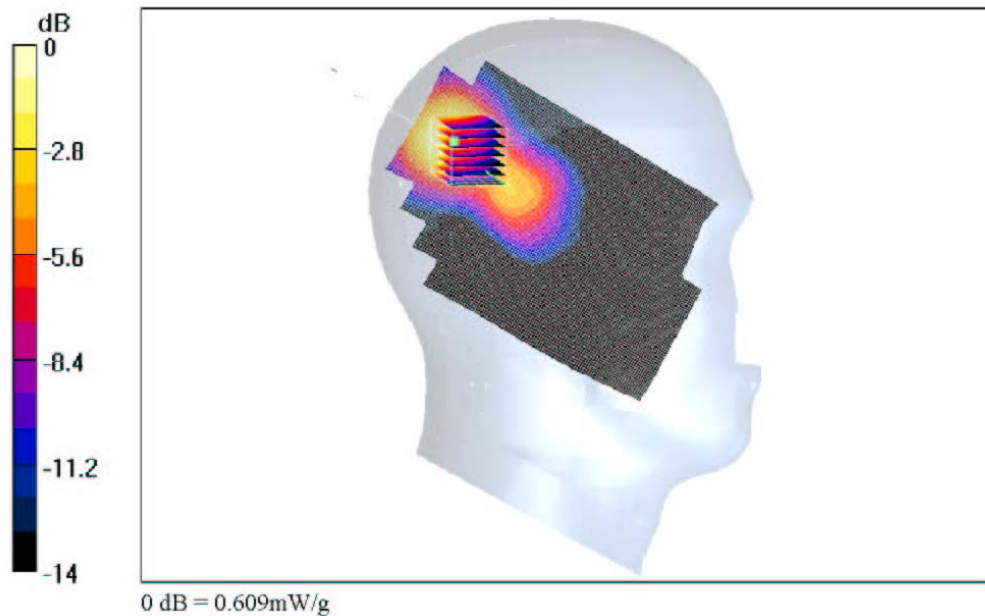
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.44$ mho/m, $\epsilon_r = 40.18$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS 600 LT/Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 6.88 V/m
Power Dnft = 0.2 dB
Maximum value of SAR = 0.655 mW/g

PCS 600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.56 mW/g, SAR(10 g) = 0.329 mW/g
Reference Value = 6.88 V/m
Power Dnft = 0.2 dB
Maximum value of SAR = 0.609 mW/g



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Date/Time: 12/10/03 12:24:27

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Right Cheek-Right Tilt, ANTENNA RETRACTED, 12-10-03.d4](#)

KX2 #4G7T, CDMA1900 ch600, Right Cheek, ANTENNA RETRACTED, 12-10-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

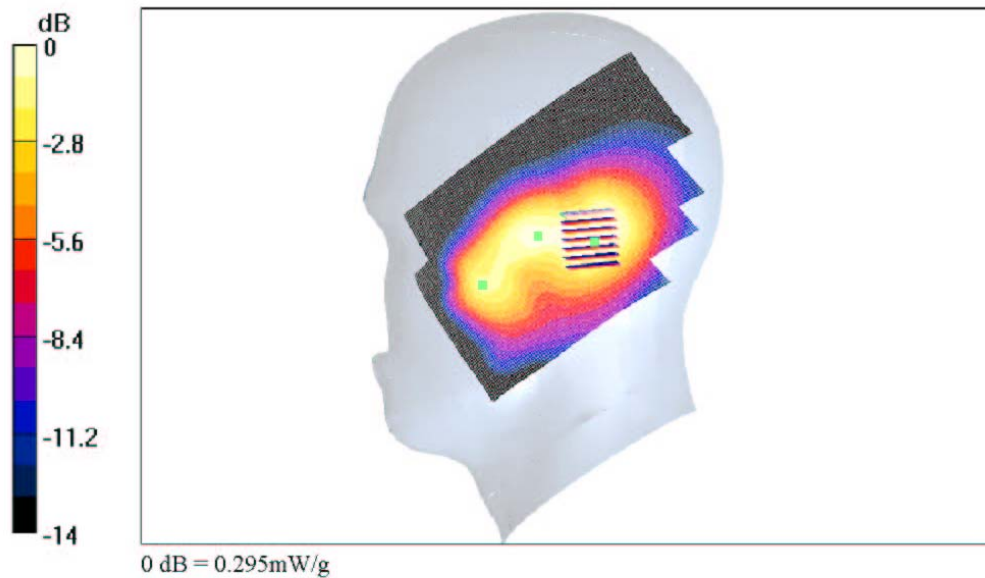
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

PCS Ch600 RC/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 13.5 V/m
Power Dnft = -0.05 dB
Maximum value of SAR = 0.291 mW/g

PCS Ch600 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.425 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.165 mW/g
Reference Value = 13.5 V/m
Power Dnft = -0.05 dB
Maximum value of SAR = 0.295 mW/g



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Date/Time: 12/10/03 16:03:05

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-10-03.dwt](#)

KX2 #4G7T, CDMA1900 ch600, Right Cheek, ANTENNA EXTENDED, 12-10-03

DUT: KX2

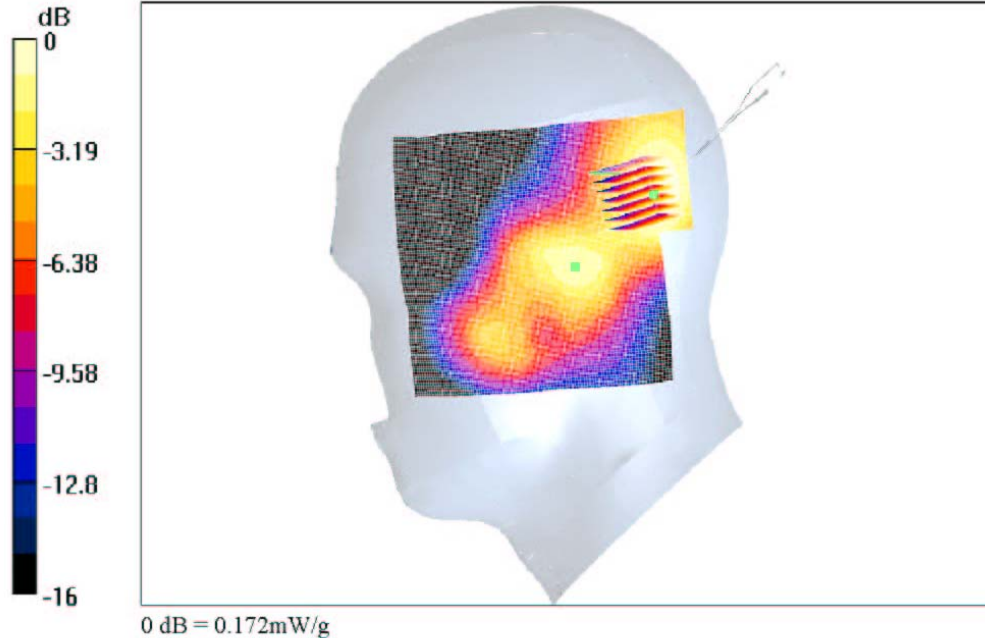
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS Ch600 RC/Area Scan (91x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.88 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.181 mW/g

PCS Ch600 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.161 mW/g, SAR(10 g) = 0.104 mW/g
Reference Value = 8.88 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.172 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA1900,... 12/18/2003

Date/Time: 12/10/03 12:24:27

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Right Cheek-Right Tilt, ANTENNA RETRACTED, 12-10-03.d4](#)

KX2 #4G7T, CDMA1900 ch600, Right Tilt, ANTENNA RETRACTED, 12-10-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

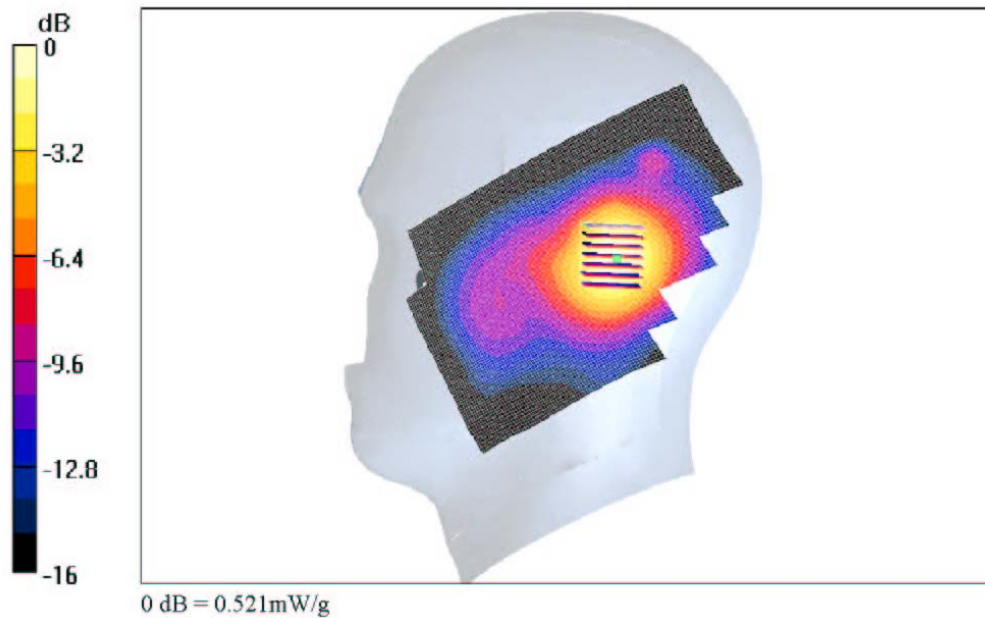
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

PCS Ch600 RT/Arm Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.2 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 0.527 mW/g

PCS Ch600 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.769 W/kg
SAR(1 g) = 0.48 mW/g, SAR(10 g) = 0.271 mW/g
Reference Value = 10.2 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 0.521 mW/g



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Date/Time: 12/10/03 16:03:05

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Closed Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-10-03.das](#)

KX2 #4G7T, CDMA1900 ch600, Right Tilt, ANTENNA EXTENDED, 12-10-03

DUT: KX2

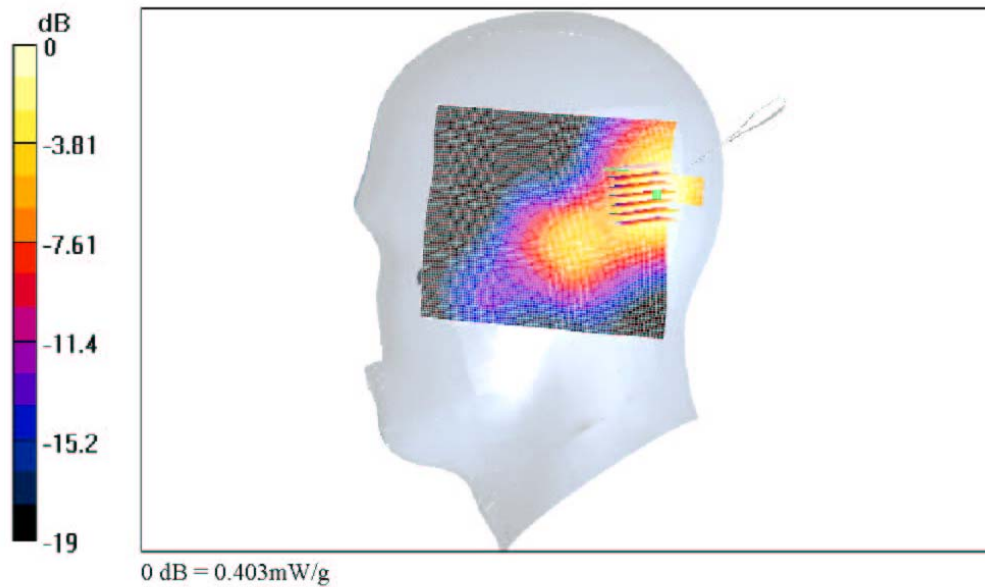
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS Ch600 RT/Arm Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.55 V/m
Power Dnft = -0.09 dB
Maximum value of SAR = 0.396 mW/g

PCS Ch600 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.232 mW/g
Reference Value = 8.55 V/m
Power Dnft = -0.09 dB
Maximum value of SAR = 0.403 mW/g



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Date/Time: 12/09/03 23:13:33

Test Laboratory: Kyocera Wireless Corporation

File Name: [KX2 #4G7T, FCC CDMA1900, Open Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-09-03.dad](#)

KX2 #4G7T, CDMA1900 ch600, Left Cheek, ANTENNA RETRACTED, 12-09-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz ($\sigma = 1.44 \text{ mho/m}$, $\epsilon_r = 40.18$, $\rho = 1000 \text{ kg/m}^3$)

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.3, 5.3, 5.3), Calibrated: 10/10/2003

Sensor Surface: 4mm (Mechanical And Optical Surface Detection).

Electronics: DAE3 Sn527, Calibrated: DAE not calibrated

Measurement SW: DASY4, V4.1 Build 47

Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature:

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

PCS 600 LC/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.24 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.345 mW/g

PCS 600 LC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

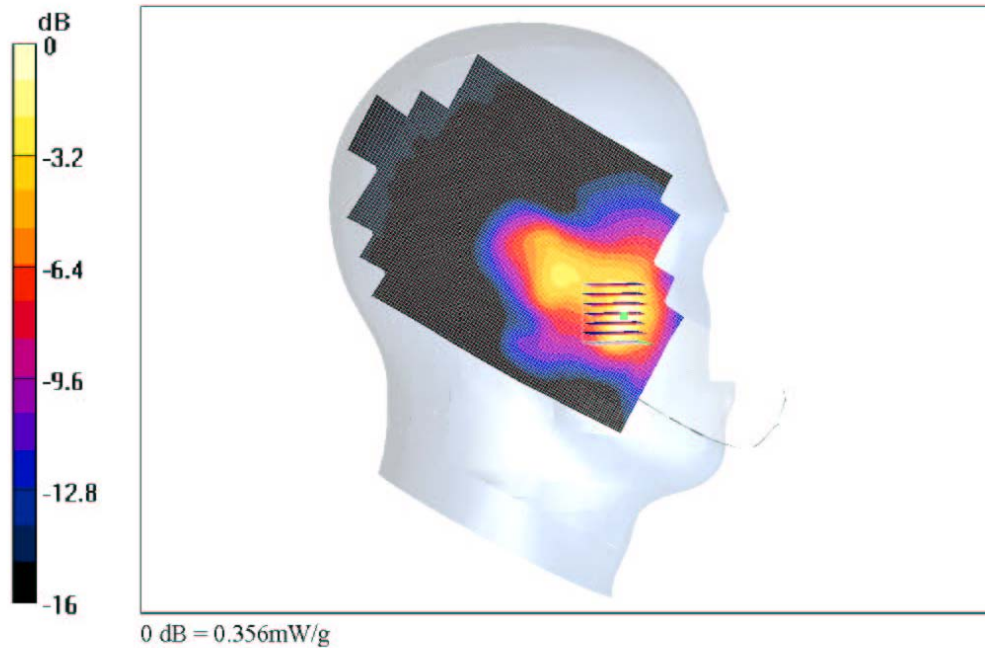
Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.318 mW/g, SAR(10 g) = 0.167 mW/g

Reference Value = 5.24 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.356 mW/g



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Date/Time: 12/09/03 23:49:49

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Open Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-09-03.dpt](#)

KX2 #4G7T, CDMA1900 ch600, Left Cheek, ANTENNA EXTENDED, 12-09-03

DUT: KX2

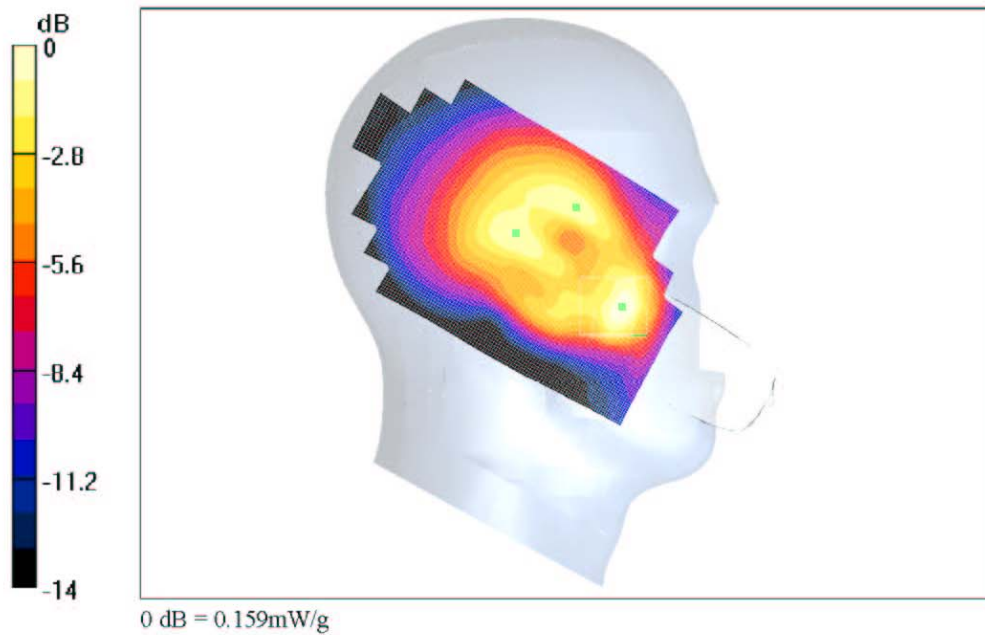
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.44 \text{ mho/m}$, $\epsilon_r = 40.18$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5.3, 5.3, 5.3), Calibrated: 10/10/2003
Sensor Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS 600 LC/Area Scan (81x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Reference Value = 8.23 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.162 mW/g

PCS 600 LC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.142 mW/g, SAR(10 g) = 0.0803 mW/g
Reference Value = 8.23 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.159 mW/g



file://C:\FCC%\Reports\K10\HTML\%20-%20PCS\KX2%20#4G7T, FCC CDMA1900,... 12/15/2003

Date/Time: 12/09/03 23:13:33

Test Laboratory: Kyocera Wireless Corporation

File Name: [KX2 #4G7T, FCC CDMA1900, Open Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-09-03.dad](#)

KX2 #4G7T, CDMA1900 ch600, Left Tilt, ANTENNA RETRACTED, 12-09-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Head 1900 MHz, ($\sigma = 1.44 \text{ mho/m}$, $\epsilon_r = 40.18$, $\rho = 1000 \text{ kg/m}^3$)

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.3, 5.3, 5.3), Calibrated: 10/10/2003

Sensor Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE3 Sn527, Calibrated: DAE not calibrated

Measurement SW: DASY4, V4.1 Build 47

Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature:

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

PCS 600 LT/Area Scan (9x13x13): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 5.16 V/m

Power Dnft = -0.2 dB

Maximum value of SAR = 0.0894 mW/g

PCS 600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

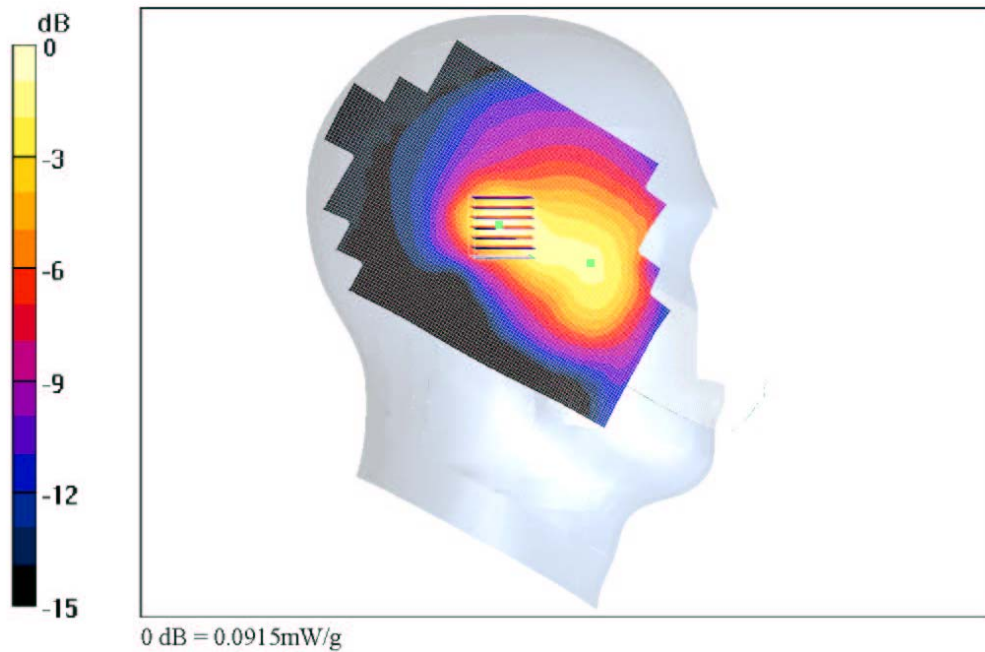
Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.0815 mW/g, SAR(10 g) = 0.047 mW/g

Reference Value = 5.16 V/m

Power Dnft = -0.2 dB

Maximum value of SAR = 0.0915 mW/g



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Date/Time: 12/09/03 23:49:49

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Open Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-09-03.das](#)

KX2 #4G7T, CDMA1900 ch600, Left Tilt, ANTENNA EXTENDED, 12-09-03

DUT: KX2

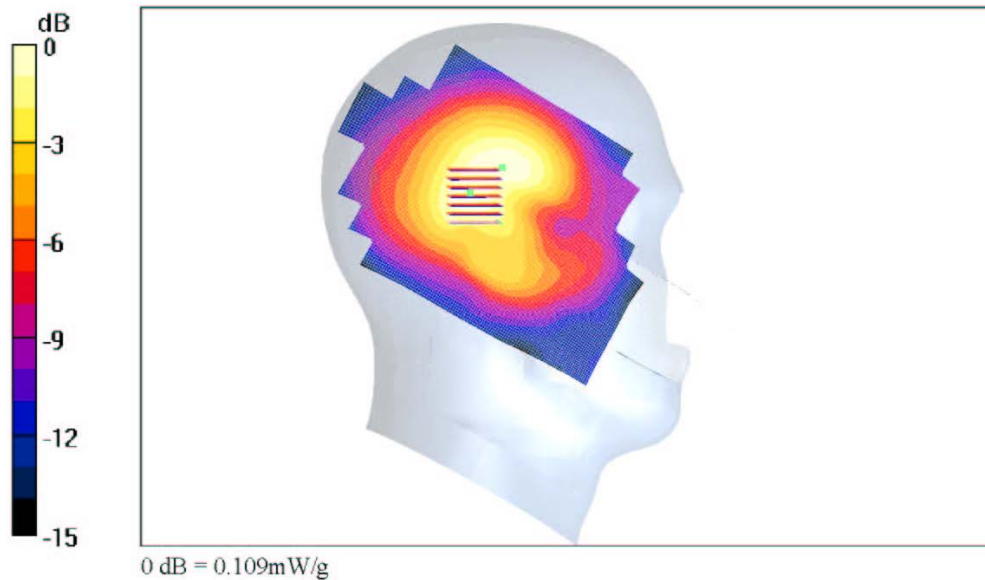
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.44 \text{ mho/m}$, $\epsilon_r = 40.18$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5.3, 5.3, 5.3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

PCS 600 LT/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 6.52 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 0.108 mW/g

PCS 600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.064 mW/g
Reference Value = 6.52 V/m
Power Drift = 0.08 dB
Maximum value of SAR = 0.109 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA1900,... 12/15/2003

Date/Time: 12/10/03 08:45:13

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Open Right Cheek & Tilt, ANTENNA RETRACTED, 12-10-03.dad](#)

KX2 #4G7T, CDMA1900 ch600, Right Cheek, ANTENNA RETRACTED, 12-10-03

DUT: KX2

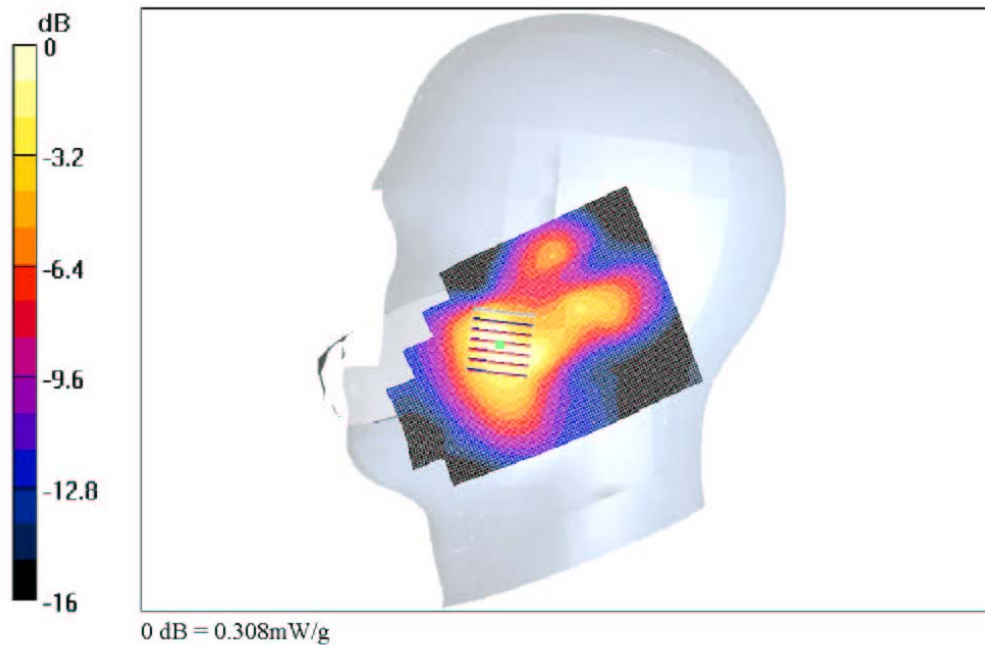
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

CDMA-1900 Ch600 RC/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.54 V/m
Power Dnft = 0.2 dB
Maximum value of SAR = 0.318 mW/g

CDMA-1900 Ch600 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.41 W/kg
SAR(1 g) = 0.28 mW/g, SAR(10 g) = 0.163 mW/g
Reference Value = 4.54 V/m
Power Dnft = 0.2 dB
Maximum value of SAR = 0.308 mW/g



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Date/Time: 12/10/03 10:06:30

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Open Right Cheek & Tilt, ANTENNA EXTENDED, 12-10-03.daf](#)

KX2 #4G7T, CDMA1900 ch600, Right Cheek, ANTENNA EXTENDED, 12-10-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

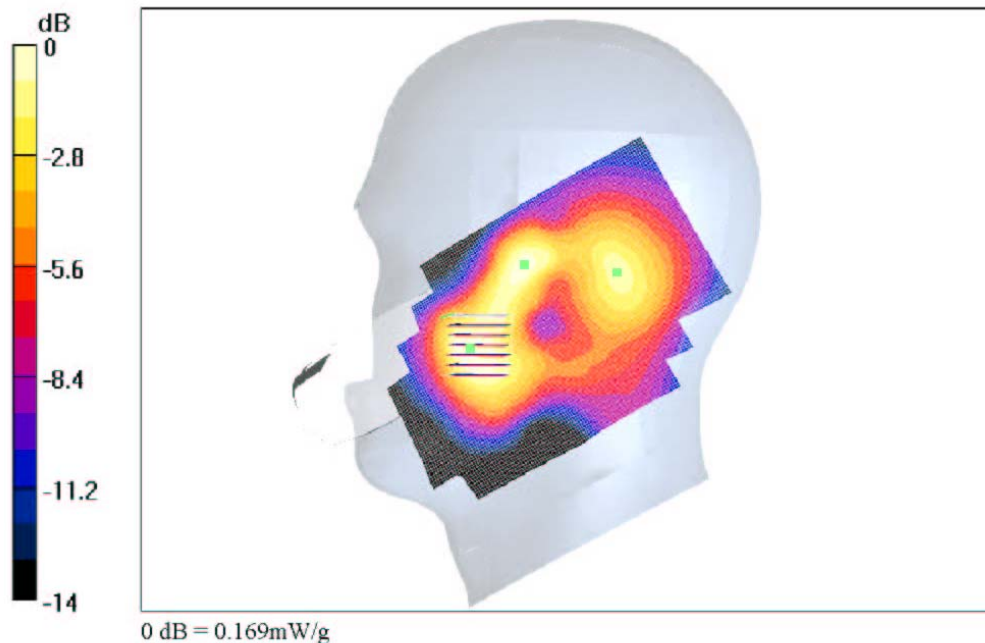
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

CDMA-1900 Ch600 RC/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.23 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.186 mW/g

CDMA-1900 Ch600 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.0926 mW/g
Reference Value = 8.23 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.169 mW/g



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Date/Time: 12/10/03 08:45:13

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Open Right Cheek & Tilt, ANTENNA RETRACTED, 12-10-03.dad](#)

KX2 #4G7T, CDMA1900 ch600, Right Tilt, ANTENNA RETRACTED, 12-10-03

DUT: KX2

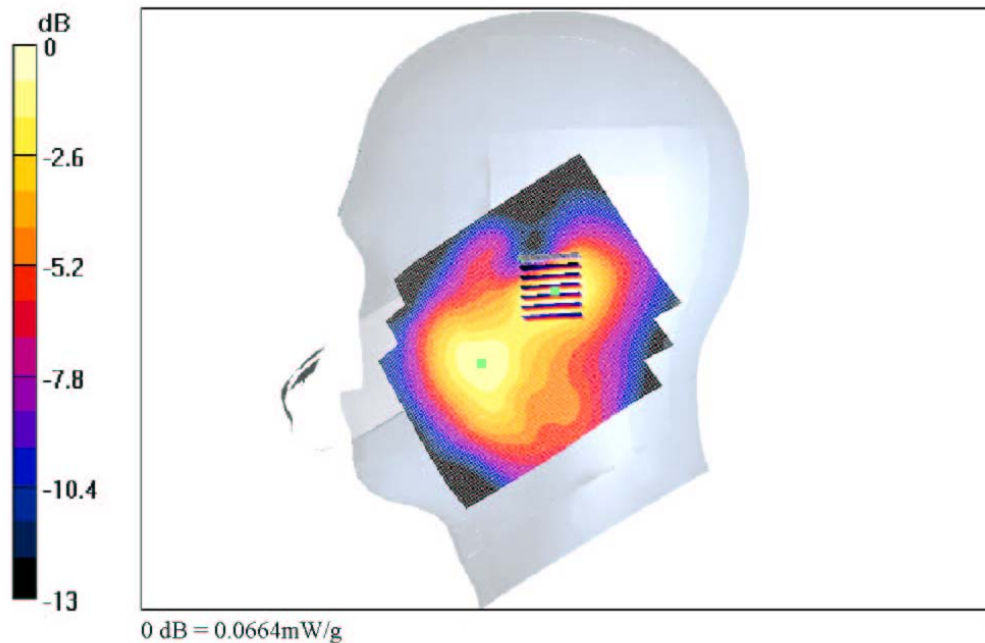
Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

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

CDMA-1900 Ch600 RT/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.45 V/m
Power Dnft = -0.03 dB
Maximum value of SAR = 0.0678 mW/g

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.037 W/kg
SAR(1 g) = 0.0612 mW/g, SAR(10 g) = 0.0361 mW/g
Reference Value = 4.45 V/m
Power Dnft = -0.03 dB
Maximum value of SAR = 0.0664 mW/g



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Date/Time: 12/10/03 10:06:30

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA1900, Open Right Cheek & Tilt, ANTENNA EXTENDED, 12-10-03.daf](#)

KX2 #4G7T, CDMA1900 ch600, Right Tilt, ANTENNA EXTENDED, 12-10-03

DUT: KX2

Communication System: CDMA 1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Head 1900 MHz, ($\sigma = 1.47$ mho/m, $\epsilon_r = 39.54$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

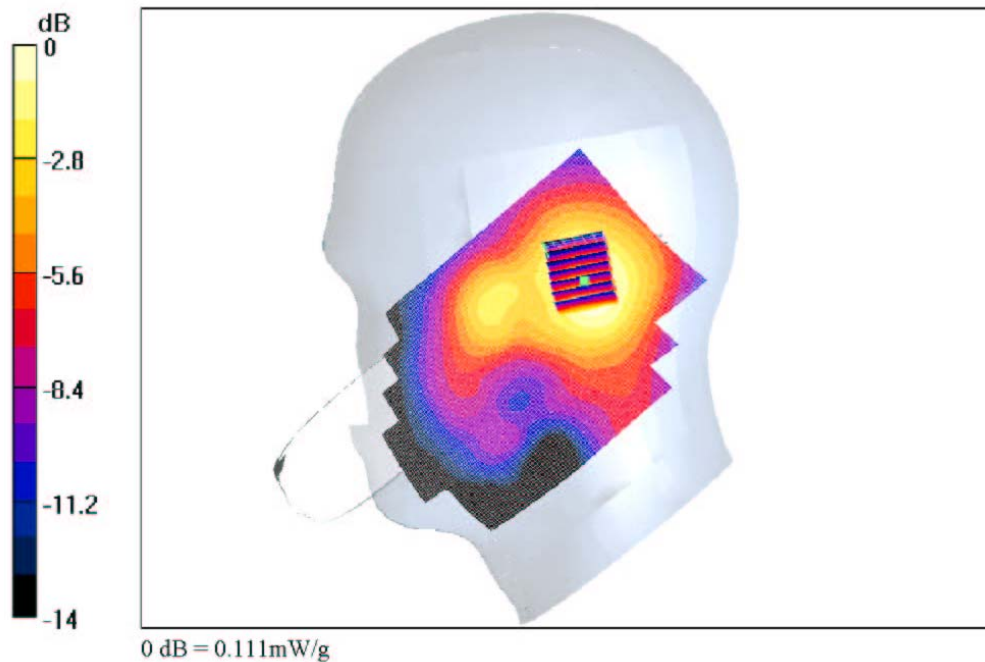
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(5 3, 5 3, 5 3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

CDMA-1900 Ch600 RT/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.88 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.119 mW/g

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.0645 mW/g
Reference Value = 7.88 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.111 mW/g



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