

APPENDIX B:
SAR Distribution Plots
For
Model KX2

Section 1

SAR Distribution plots for Head Adjacent Use Configuration (CDMA 800)

Date/Time: 12/03/03 13:17:11

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800 ch777 Only, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-08-03.dat](#)

KX2 #4G7T, CDMA800 ch777, Left Cheek, ANTENNA RETRACTED, 12-08-03

DUT: KX2

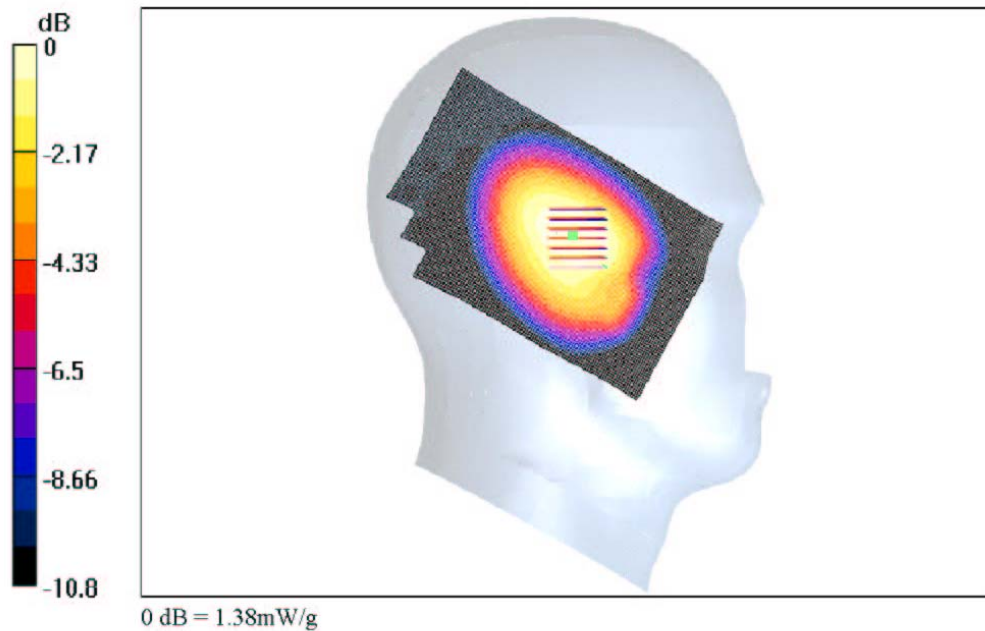
Communication System: 800-CDMA, Frequency: 848 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.904$ mho/m, $\epsilon_r = 42.68$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.8, 6.8, 6.8), Calibrated: Probe not calibrated
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-800 Ch777 LC/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 38.4 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 1.45 mW/g

CDMA-800 Ch777 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.31 mW/g, SAR(10 g) = 0.929 mW/g
Reference Value = 38.4 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 1.38 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800 c... 12/16/2003

Date/Time: 12/05/03 09:29:49

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-05-03.dad](#)

KX2 #4G7T, CDMA800, Left Cheek, ANTENNA EXTENDED, 12-05-03

DUT: KX2

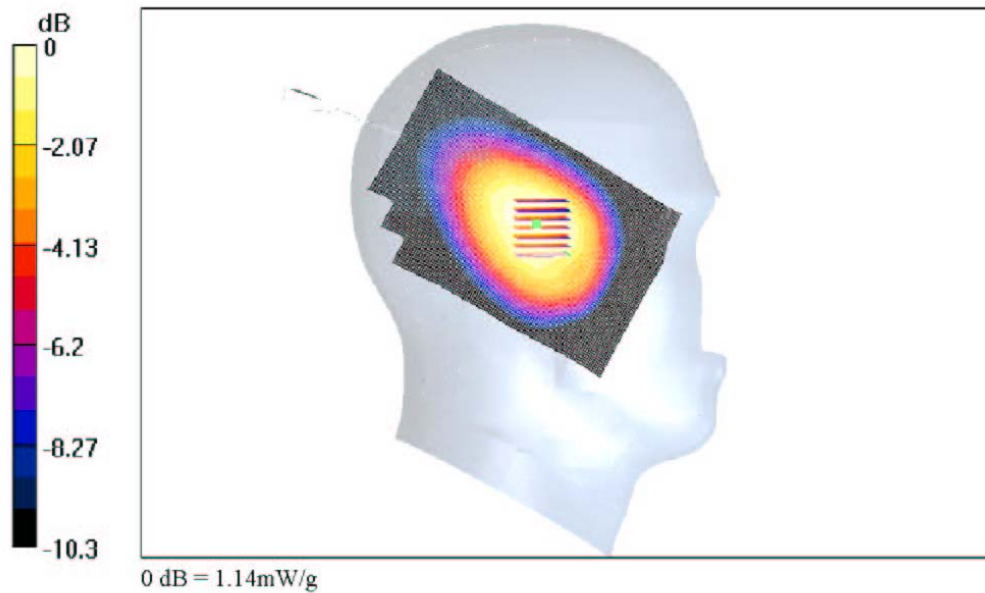
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.884$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.8, 6.8, 6.8), Calibrated: Probe not calibrated
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

CDMA800 Ch383 LC/Arco Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.6 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 1.18 mW/g

CDMA800 Ch383 LC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 1.07 mW/g, SAR(10 g) = 0.772 mW/g
Reference Value = 35.6 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 1.14 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20CDMA-800\KX2%20#4G7T, FCC CDM... 12/18/2003

Date/Time: 12/05/03 13:21:22

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-05-03.dad](#)

KX2 #4G7T, CDMA800 ch777, Left Tilt, ANTENNA RETRACTED, 12-05-03

DUT: KX2

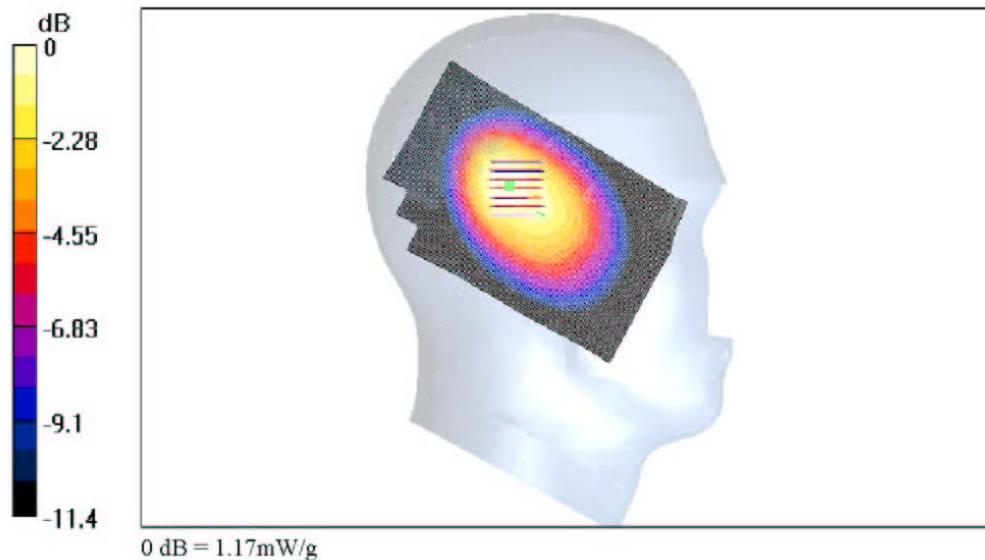
Communication System: 800-CDMA, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.884$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.8, 6.8, 6.8), Calibrated: Probe not calibrated
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

CDMA800 Ch777 LT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 31.6 V/m
Power Dnft = -0.06 dB
Maximum value of SAR = 1.3 mW/g

CDMA800 Ch777 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.09 mW/g, SAR(10 g) = 0.693 mW/g
Reference Value = 31.6 V/m
Power Dnft = -0.06 dB
Maximum value of SAR = 1.17 mW/g



file://C:\FCC\%20Reports\K10\HTML%20-%20CDMA-800\KX2%20#4G7T, FCC CDM... 12/18/2003

Date/Time: 12/05/03 09:29:49

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-04-03.dwt](#)

KX2 #4G7T, CDMA800 ch383, Left Tilt, ANTENNA EXTENDED, 12-05-03

DUT: KX2

Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.884$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

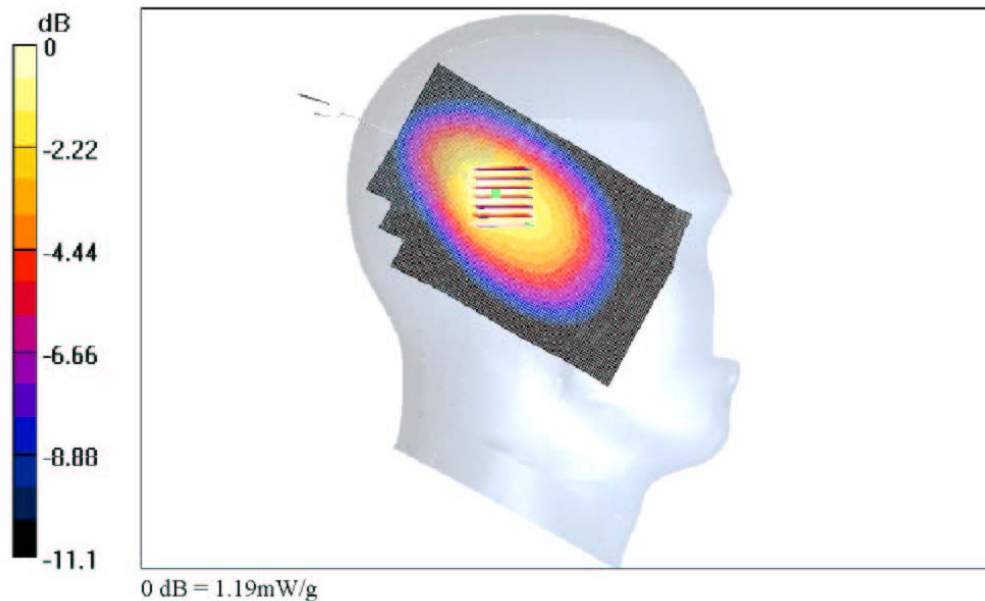
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.8, 6.8, 6.8), Calibrated: Probe not calibrated
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

CDMA800 Ch383 LT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 29.7 V/m
Power Dnft = 0.08 dB
Maximum value of SAR = 1.23 mW/g

CDMA800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.11 mW/g, SAR(10 g) = 0.702 mW/g
Reference Value = 29.7 V/m
Power Dnft = 0.08 dB
Maximum value of SAR = 1.19 mW/g



file://C:\FCC\%20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800, ... 12/16/2003

Date/Time: 12/06/03 13:28:06

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Right Cheek-Right Tilt, ANTENNA RETRACTED, 12-06-03.d44](#)

KX2 #4G7T, CDMA800 ch777, Right Cheek, ANTENNA RETRACTED, 12-06-03

DUT: KX2

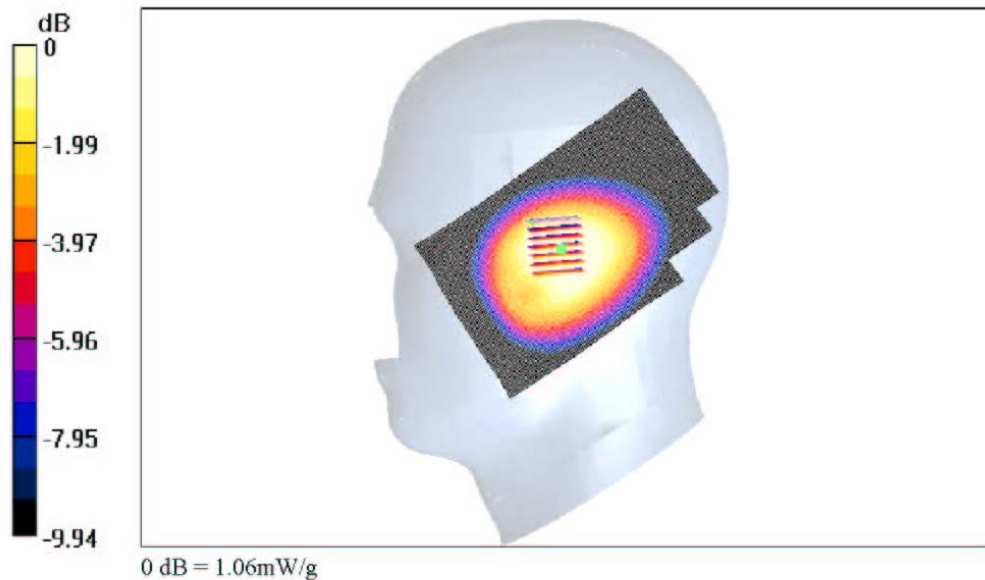
Communication System: 800-CDMA, Frequency: 848 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.893$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch777 RC/Arm Scan (71x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 36.9 V/m
Power Dnft = -0.02 dB
Maximum value of SAR = 1.16 mW/g

CDMA800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 1.02 mW/g, SAR(10 g) = 0.773 mW/g
Reference Value = 36.9 V/m
Power Dnft = -0.02 dB
Maximum value of SAR = 1.06 mW/g



file://C:\FCC\%20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800, ... 12/16/2003

Date/Time: 12/06/03 12:29:35

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-06-03.d4](#)

KX2 #4G7T, CDMA800, Right Cheek, ANTENNA EXTENDED, 12-06-03

DUT: KX2

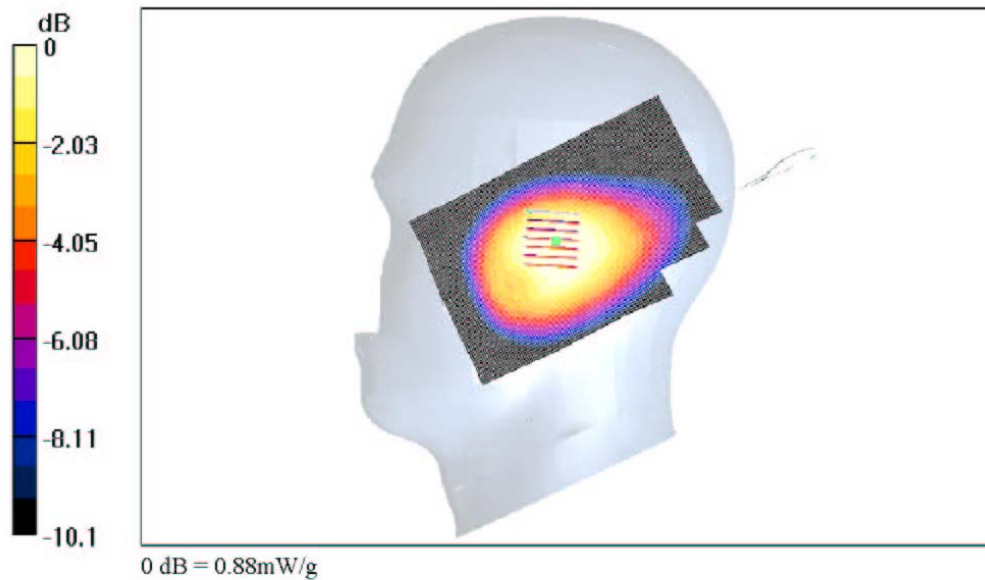
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.884$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch383 RC/Arm Scan (71x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 33.3 V/m
Power Dnft = -0.007 dB
Maximum value of SAR = 0.945 mW/g

CDMA800 Ch383 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.641 mW/g
Reference Value = 33.3 V/m
Power Dnft = -0.007 dB
Maximum value of SAR = 0.88 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20CDMA-800\KX2%20#4G7T, FCC CDM... 12/18/2003

Date/Time: 12/06/03 13:28:06

Test Laboratory: Kyocera Wireless Corporation

File Name: [KX2 #4G7T, FCC CDMA800, Closed Right Cheek-Right Tilt, ANTENNA RETRACTED, 12-06-03.d44](#)

KX2 #4G7T, CDMA800 ch777, Right Tilt, ANTENNA RETRACTED, 12-06-03

DUT: KX2

Communication System: 800-CDMA, Frequency: 848 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, ($\sigma = 0.893$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch777 RT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 30.1 V/m

Power Dnft = -0.1 dB

Maximum value of SAR = 1.01 mW/g

CDMA800 Ch777 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

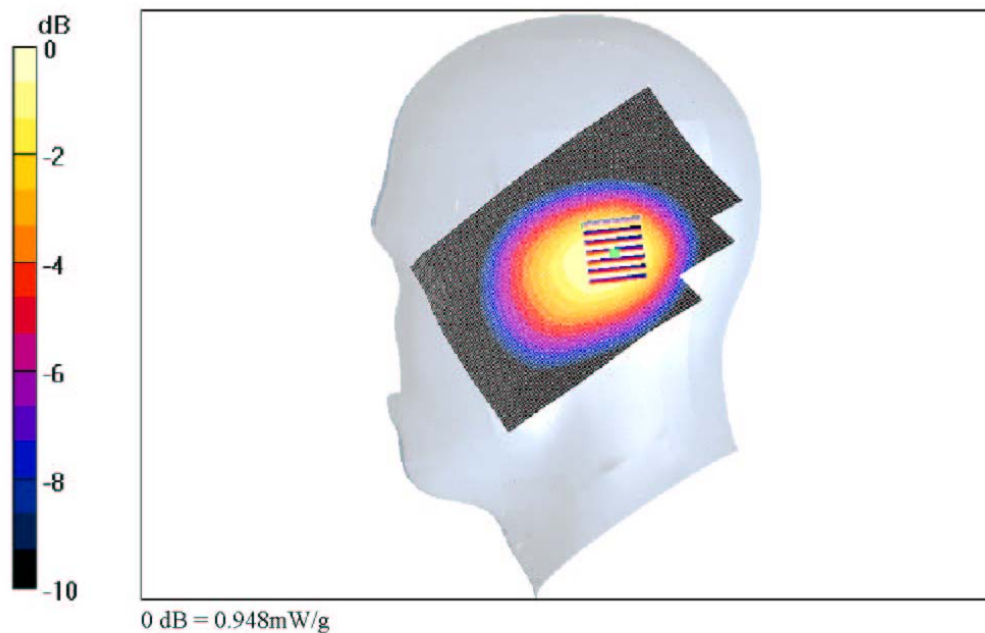
Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.89 mW/g, SAR(10 g) = 0.613 mW/g

Reference Value = 30.1 V/m

Power Dnft = -0.1 dB

Maximum value of SAR = 0.948 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800, ... 12/16/2003

Date/Time: 12/06/03 12:29:35

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-06-03.dae](#)

KX2 #4G7T, CDMA800 ch383, Right Tilt, ANTENNA EXTENDED, 12-06-03

DUT: KX2

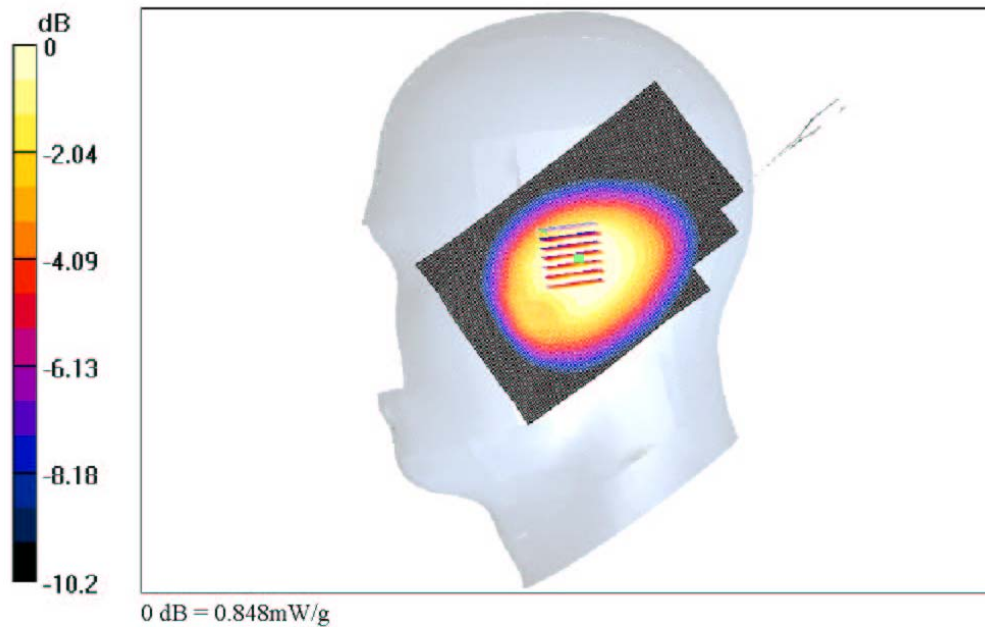
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.884 \text{ mho/m}$, $\epsilon_r = 41.6$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch383 RT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 33.3 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.931 mW/g

CDMA800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.805 mW/g, SAR(10 g) = 0.613 mW/g
Reference Value = 33.3 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.848 mW/g



file://C:\FCC%20Reports\K10\HTML%20-%20CDMA-800\KX2%20#4G7T, FCC CDM... 12/18/2003

Date/Time: 12/07/03 22:14:04

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Open Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-07-03.dad](#)

KX2 #4G7T, CDMA800 ch383, Left Cheek, ANTENNA RETRACTED, 12-07-03

DUT: KX2

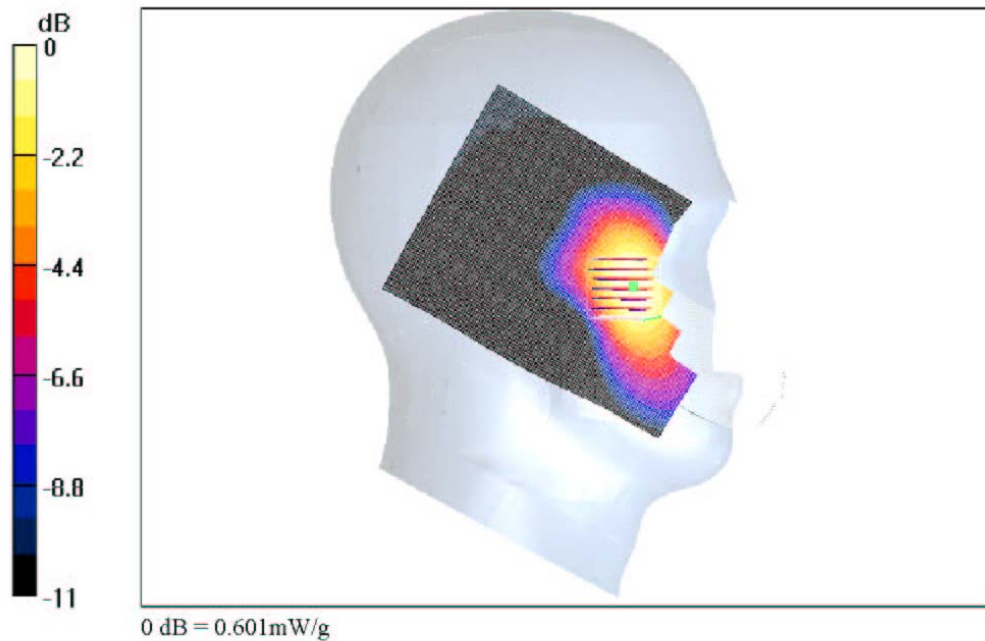
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.901$ mho/m, $\epsilon_r = 40.91$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch383 LC/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.86 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.626 mW/g

CDMA800 Ch383 LC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.377 mW/g
Reference Value = 5.86 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.601 mW/g



file://C:\FCC\%20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800, ... 12/16/2003

Date/Time: 12/07/03 19:55:14

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Open Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-07-03.dad](#)

KX2 #4G7T, CDMA800 ch383, Left Cheek, ANTENNA EXTENDED, 12-07-03

DUT: KX2

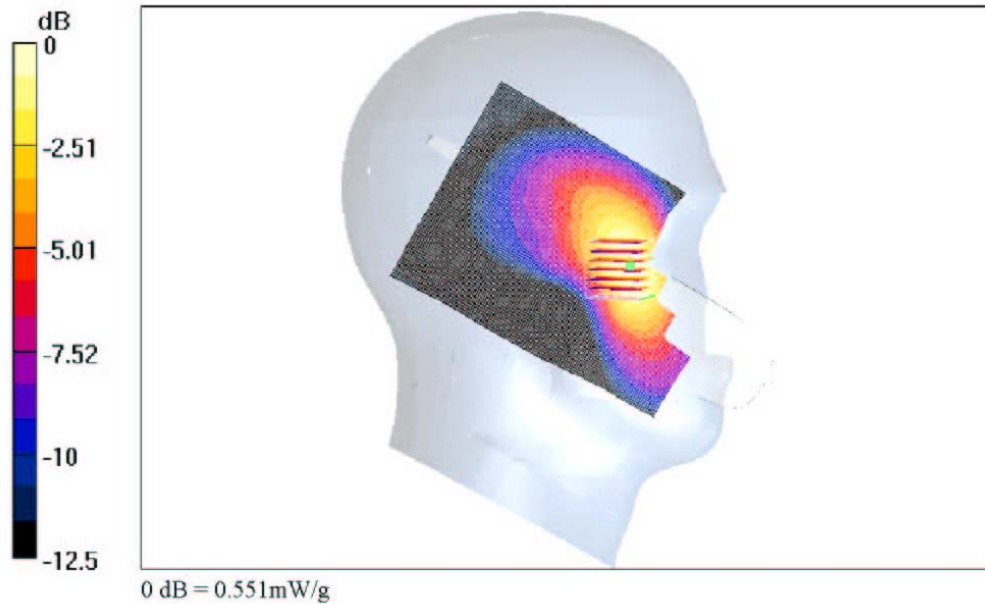
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.901$ mho/m, $\epsilon_r = 40.91$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch383 LC/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.96 V/m
Power Drift = 0.07 dB
Maximum value of SAR = 0.543 mW/g

CDMA800 Ch383 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.513 mW/g, SAR(10 g) = 0.346 mW/g
Reference Value = 8.96 V/m
Power Drift = 0.07 dB
Maximum value of SAR = 0.551 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20CDMA-800\KX2%20#4G7T, FCC CDM... 12/19/2003

Date/Time: 12/07/03 22:14:04

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Open Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-07-03.dad](#)

KX2 #4G7T, CDMA800 ch383, Left Tilt, ANTENNA RETRACTED, 12-07-03

DUT: KX2

Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.901$ mho/m, $\epsilon_r = 40.91$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

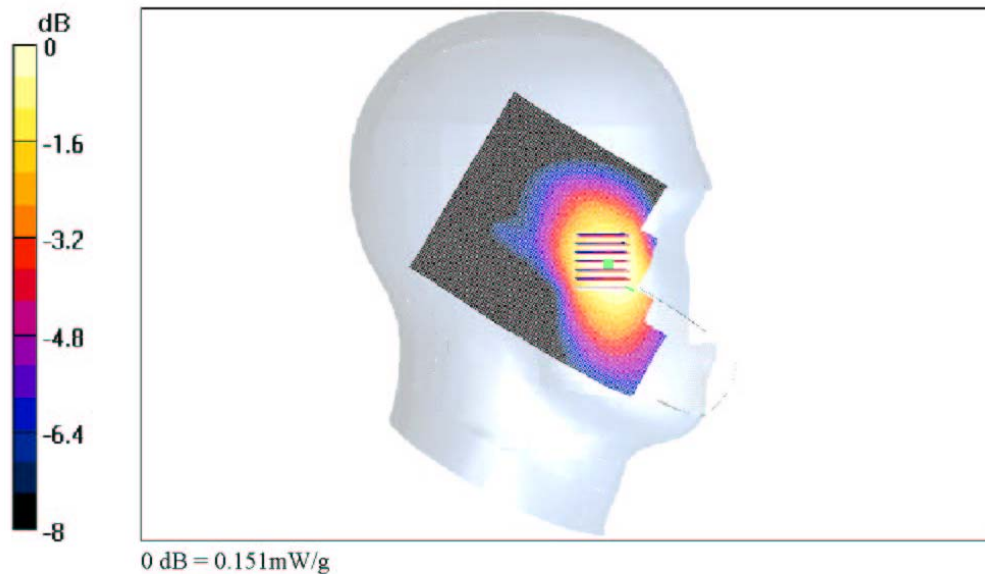
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

CDMA800 Ch383 LT/Area Scan (81x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.28 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.157 mW/g

CDMA800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.106 mW/g
Reference Value = 5.28 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.151 mW/g



file://C:\FCC%20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800, ... 12/16/2003

Date/Time: 12/07/03 19:55:14

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Open Left Cheek-Left Tilt, ANTENNA EXTENDED, 12-07-03.d4](#)

KX2 #4G7T, CDMA800 ch383, Left Tilt, ANTENNA EXTENDED, 12-07-03

DUT: KX2

Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.901$ mho/m, $\epsilon_r = 40.91$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

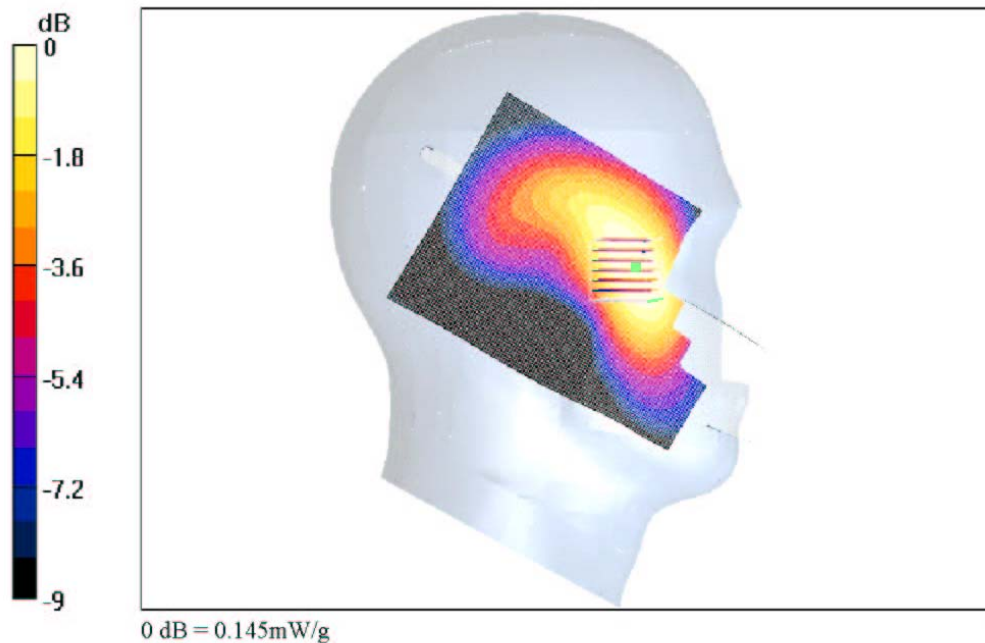
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

CDMA800 Ch383 LT/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 7.55 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 0.151 mW/g

CDMA800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.0998 mW/g
Reference Value = 7.55 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 0.145 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800, ... 12/16/2003

Date/Time: 12/06/03 16:24:21

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800 ch383 Only, Open Right Cheek-Right Tilt, ANTENNA RETRACTED 12-06-03.dad](#)

KX2 #4G7T, CDMA800 ch383, Right Cheek, ANTENNA RETRACTED 12-06-03

DUT: KX2

Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.893 \text{ mho/m}$, $\epsilon_r = 41.6$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

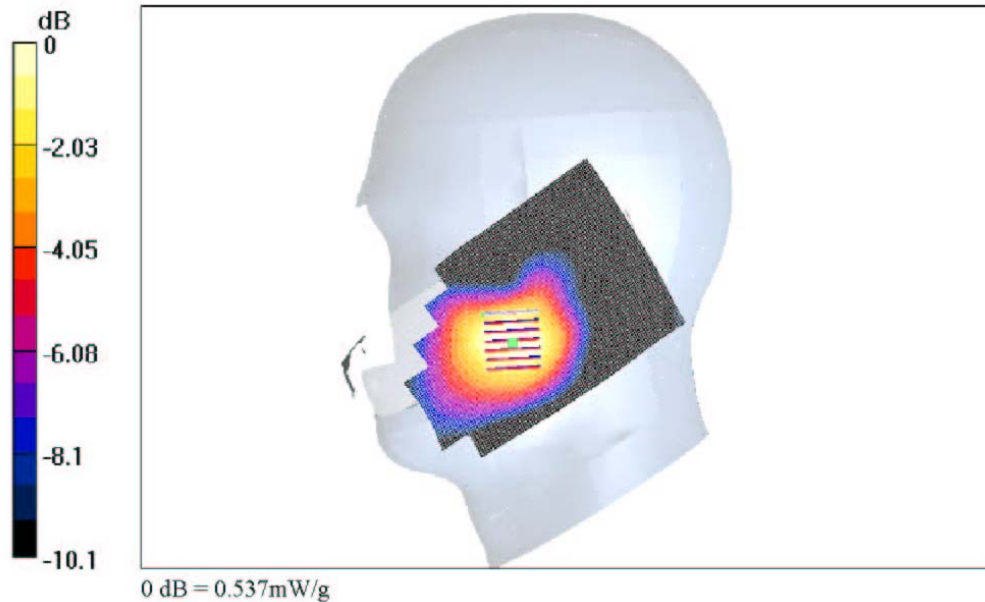
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

CDMA800 Ch383 RC/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.1 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.555 mW/g

CDMA800 Ch383 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.669 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.34 mW/g
Reference Value = 5.1 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.537 mW/g



file://C:/FCCC%20Reports/K10/HTML%20-%20PCS/KX2%20#4G7T, FCC CDMA800 c... 12/16/2003

Date/Time: 12/06/03 12:29:35

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800, Closed Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-06-03.d4](#)

KX2 #4G7T, CDMA800, Right Cheek, ANTENNA EXTENDED, 12-06-03

DUT: KX2

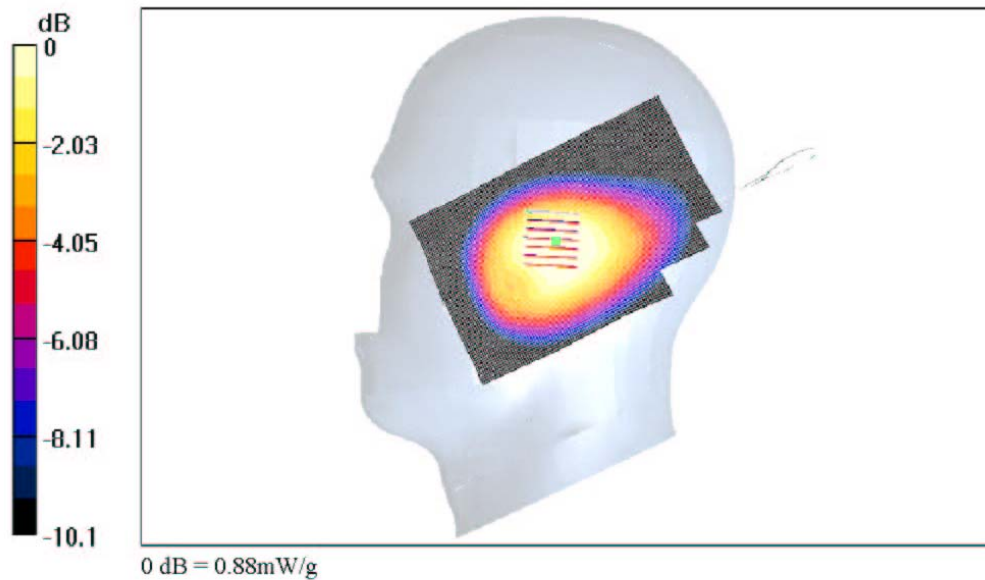
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.884 \text{ mho/m}$, $\epsilon_r = 41.6$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET1DV6 - SN1618, ConnF(6.9, 6.9, 6.9) 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

CDMA800 Ch383 RC/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 33.3 V/m
Power Drift = -0.007 dB
Maximum value of SAR = 0.945 mW/g

CDMA800 Ch383 RC/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.641 mW/g
Reference Value = 33.3 V/m
Power Drift = -0.007 dB
Maximum value of SAR = 0.88 mW/g



file://C:\FCC\%20Reports\K10\HTML%20-%20CDMA-800\KX2%20#4G7T, FCC CDM... 12/18/2003

Date/Time: 12/06/03 16:24:21

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800 ch383 Only, Open Right Cheek-Right Tilt, ANTENNA RETRACTED 12-06-03.d#1](#)

KX2 #4G7T, CDMA800 ch383, Right Tilt, ANTENNA RETRACTED 12-06-03

DUT: KX2

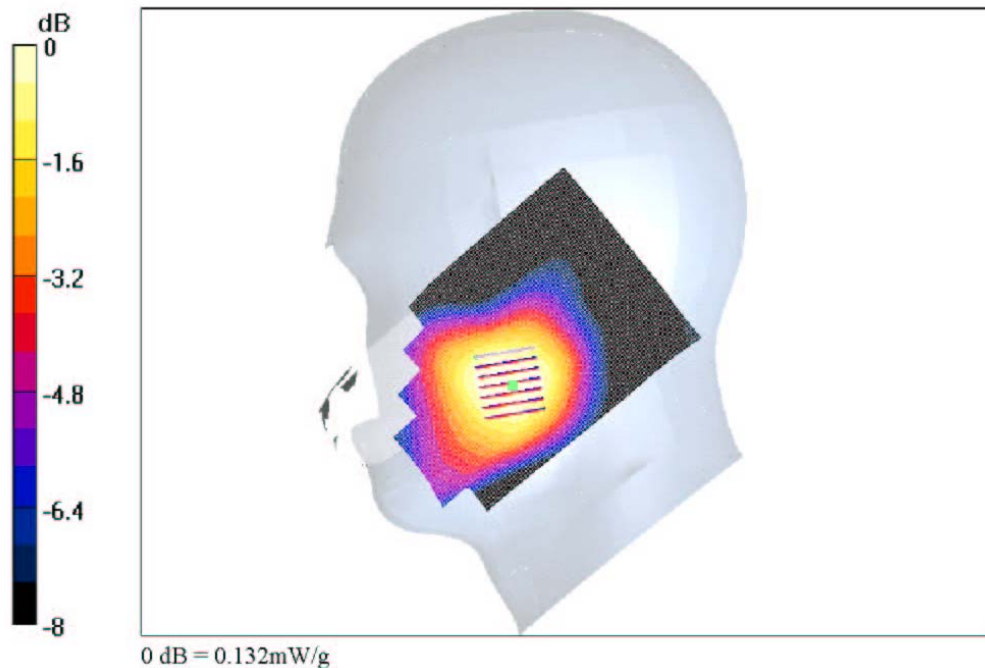
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.893 \text{ mho/m}$, $\epsilon_r = 41.6$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET1DV6 - SN1618, ConnF(6.9, 6.9, 6.9) 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

CDMA800 Ch383 RT/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.16 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.138 mW/g

CDMA800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.0938 mW/g
Reference Value = 5.16 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.132 mW/g



file://C:\FCC\Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800 c... 12/16/2003

Date/Time: 12/03/03 09:11:07

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC CDMA800 ch383 Only, Open Right Cheek-Right Tilt, ANTENNA EXTENDED 12-06-03.dad](#)

KX2 #4G7T, CDMA800 ch383, Right Tilt, ANTENNA EXTENDED 12-08-03

DUT: KX2

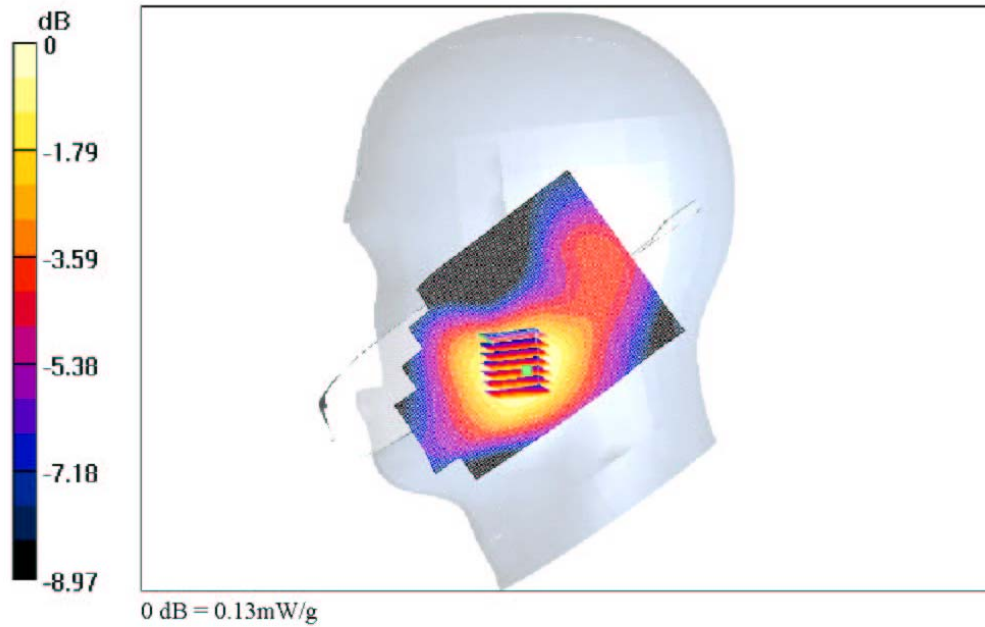
Communication System: 800-CDMA, Frequency: 837 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.901$ mho/m, $\epsilon_r = 40.91$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), 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

CDMA800 Ch383 RT/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.28 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 0.132 mW/g

CDMA800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.0924 mW/g
Reference Value = 8.28 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 0.13 mW/g



file://C:\FCC%\20Reports\K10\HTML%20-%20PCS\KX2%20#4G7T, FCC CDMA800 c... 12/16/2003