

APPENDIX B:
SAR Distribution Plots
For
Model KX2

Section 1

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

Date/Time: 12/03/03 11:20:58

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC AMPS ch799 Only, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-08-03.das4](#)

KX2 #4G7T, AMPS ch799, Left Cheek, ANTENNA RETRACTED, 12-08-03

DUT: KX2

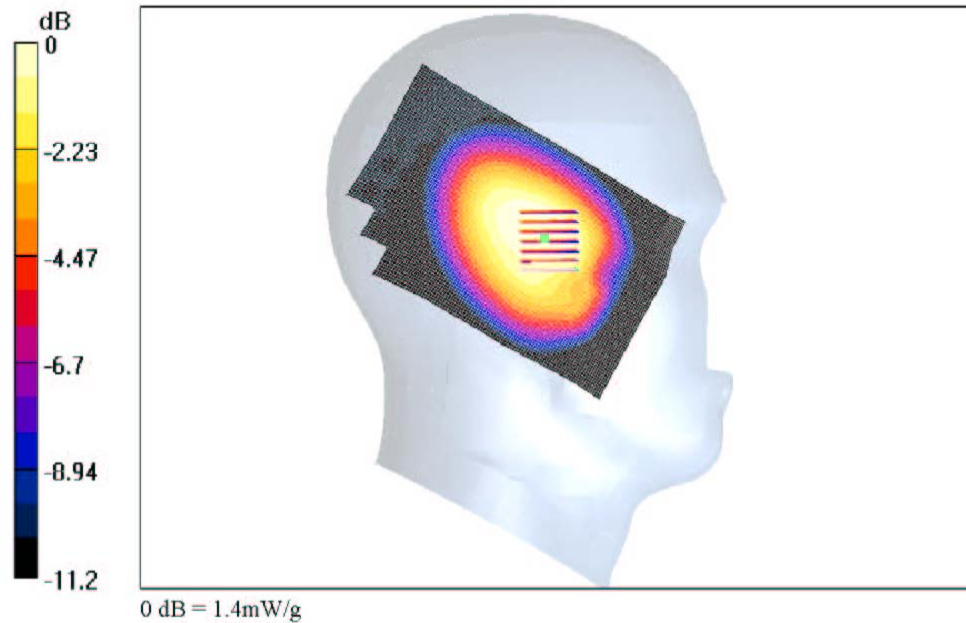
Communication System: AMPS, Frequency: 848 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.904 \text{ mho/m}$, $\epsilon_r = 42.68$, $\rho = 1000 \text{ kg/m}^3$)
Phantom: SAM 12, Phantom section: Left Section

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

AMPS Ch799 LC/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 38.9 V/m
Power Drift = -0.6 dB
Maximum value of SAR = 1.49 mW/g

AMPS Ch799 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 1.32 mW/g, SAR(10 g) = 0.926 mW/g
Reference Value = 38.9 V/m
Power Drift = -0.6 dB
Maximum value of SAR = 1.4 mW/g



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Date/Time: 12/12/03 19:05:50

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

KX2 #4G7T, AMPS ch799, Left Cheek, ANTENNA RETRACTED, 12-12-03

DUT: KX2

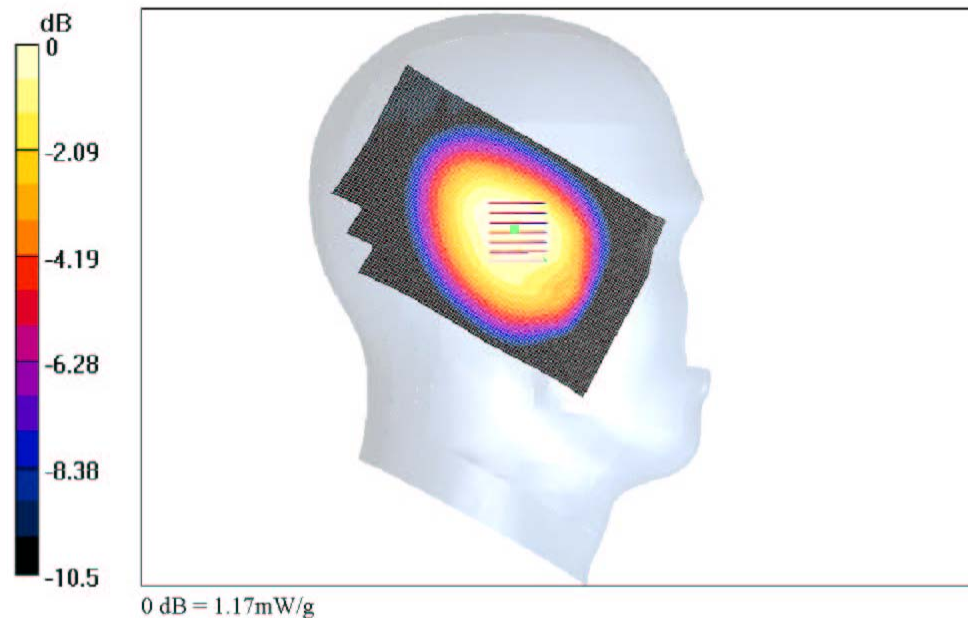
Communication System: AMPS, Frequency: 848 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.917$ mho/m, $\epsilon_r = 43.22$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

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

AMPS Ch799 LC/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.8 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.26 mW/g

AMPS Ch799 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.11 mW/g, SAR(10 g) = 0.793 mW/g
Reference Value = 35.8 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.17 mW/g



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Date/Time: 12/04/03 23:51:28

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

KX2 #4G7T,AMPS ch383, Left Cheek, ANTENNA EXTENDED, 12-04-03

DUT: KX2

Communication System: AMPS, Frequency: 836 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.908$ mho/m, $\epsilon_r = 42.89$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

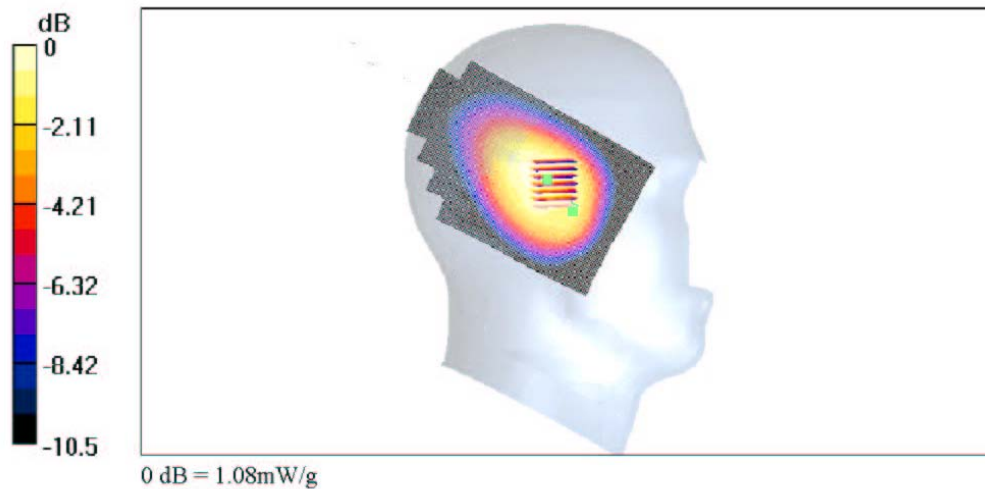
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 LC/Area Scan (71x111x1): Measurement gnd: dx=15mm, dy=15mm
Reference Value = 33.2 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 1.11 mW/g

AMPS Ch383 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement gnd: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.02 mW/g, SAR(10 g) = 0.741 mW/g
Reference Value = 33.2 V/m
Power Dnft = -0.1 dB
Maximum value of SAR = 1.08 mW/g



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Date/Time: 12/04/03 22:26:50

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC AMPS, Closed Left Cheek-Left Tilt, ANTENNA RETRACTED, 12-04-03.das4](#)

KX2 #4G7T, AMPS ch799, Left Tilt, ANTENNA RETRACTED, 12-04-03

DUT: KX2

Communication System: AMPS, Frequency: 848 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.908$ mho/m, $\epsilon_r = 42.89$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

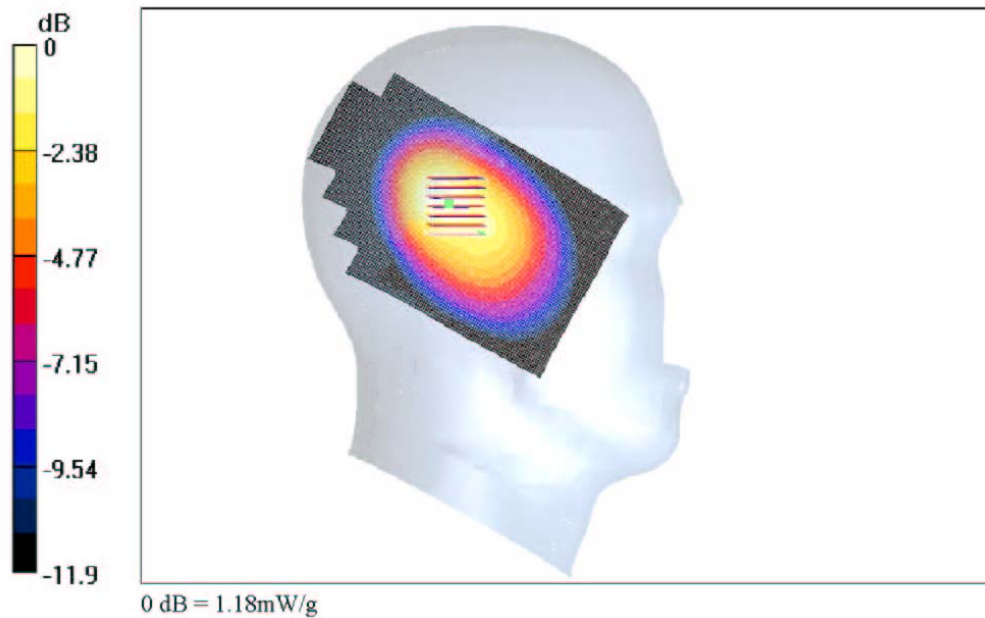
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch799 LT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 31.7 V/m
Power Dnft = 0.2 dB
Maximum value of SAR = 1.2 mW/g

AMPS Ch799 LT/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.7 W/kg
SAR(1 g) = 1.09 mW/g, SAR(10 g) = 0.689 mW/g
Reference Value = 31.7 V/m
Power Dnft = 0.2 dB
Maximum value of SAR = 1.18 mW/g



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Date/Time: 12/04/03 23:51:28

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

KX2 #4G7T, AMPS ch383, Left Tilt, ANTENNA EXTENDED, 12-04-03

DUT: KX2

Communication System: AMPS, Frequency: 836 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.908$ mho/m, $\epsilon_r = 42.89$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Left Section

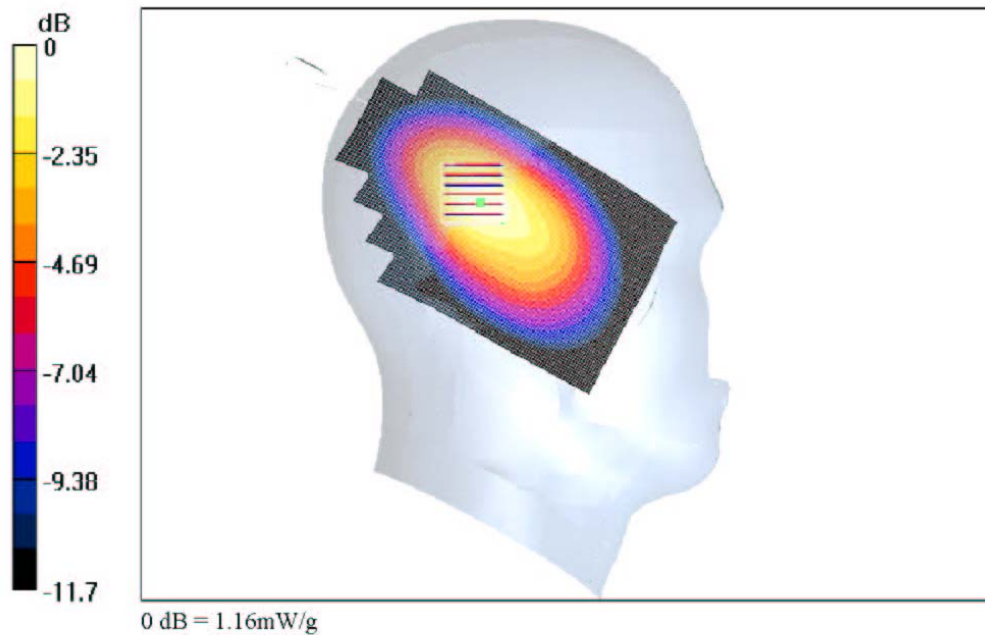
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 LT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 30.1 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 1.14 mW/g

AMPS Ch383 LT/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.09 mW/g, SAR(10 g) = 0.685 mW/g
Reference Value = 30.1 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 1.16 mW/g



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Date/Time: 12/06/03 10:14:50

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

KX2 #4G7T, AMPS ch799, Right Cheek, ANTENNA RETRACTED, 12-06-03

DUT: KX2

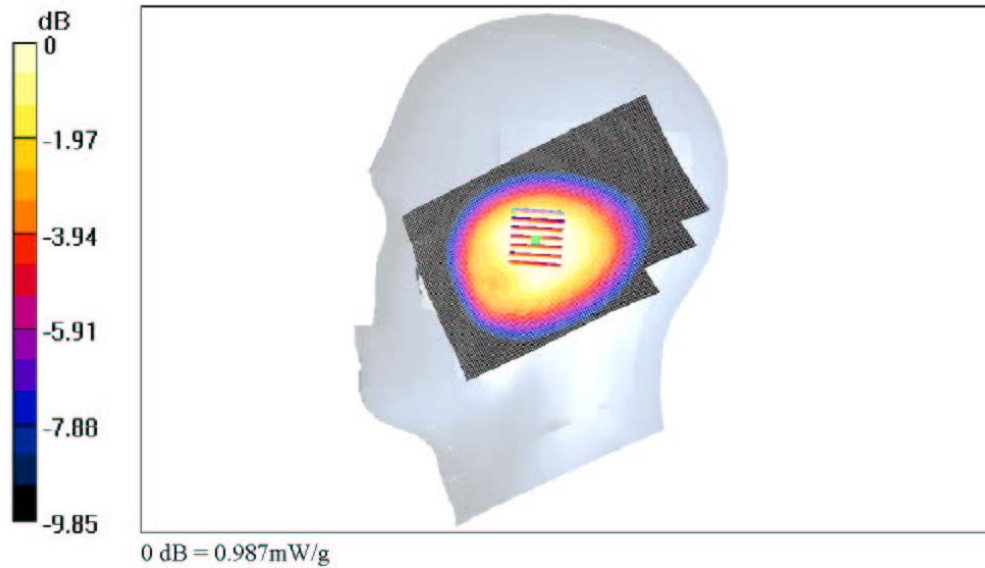
Communication System: AMPS, Frequency: 848 MHz, Duty Cycle: 1:1
Medium: Head 835 MHz, ($\sigma = 0.893$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ kg/m³)
Phantom: SAM 12, Phantom section: Right Section

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

AMPS Ch799 RC/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 35.6 V/m
Power Dnft = 0.1 dB
Maximum value of SAR = 1.08 mW/g

AMPS Ch799 RC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.72 mW/g
Reference Value = 35.6 V/m
Power Dnft = 0.1 dB
Maximum value of SAR = 0.987 mW/g



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Date/Time: 12/05/03 21:09:58

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

KX2 #4G7T, AMPS ch799, Right Cheek, ANTENNA EXTENDED, 12-05-03

DUT: KX2

Communication System: AMPS, Frequency: 848 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

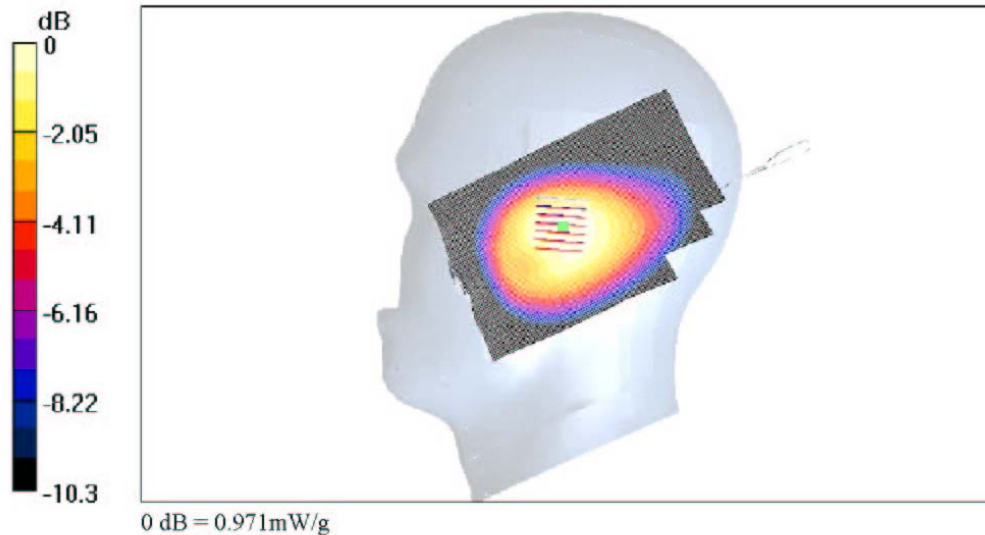
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch799 RC/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 33.6 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.979 mW/g

AMPS Ch799 RC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.69 mW/g
Reference Value = 33.6 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.971 mW/g



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Date/Time: 12/05/03 23:22:43

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC AMPS, Closed Right Tilt, ANTENNA RETRACTED, 12-05-03.das4](#)

KX2 #4G7T, AMPS ch991, Right Tilt, ANTENNA RETRACTED, 12-05-03

DUT: KX2

Communication System: AMPS, Frequency: 824 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

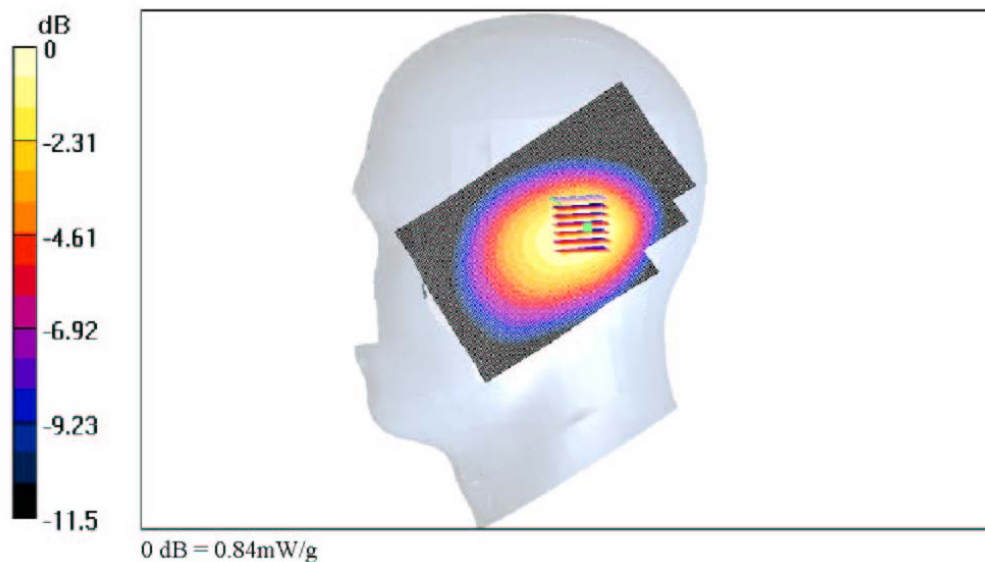
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch991 RT/Area Scan (71x11x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 28.3 V/m
Power Dnft = -0.07 dB
Maximum value of SAR = 0.868 mW/g

AMPS Ch991 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.788 mW/g, SAR(10 g) = 0.543 mW/g
Reference Value = 28.3 V/m
Power Dnft = -0.07 dB
Maximum value of SAR = 0.84 mW/g



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Date/Time: 12/05/03 21:09:58

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

KX2 #4G7T, AMPS ch383, Right Tilt, ANTENNA EXTENDED, 12-05-03

DUT: KX2

Communication System: AMPS, Frequency: 836 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

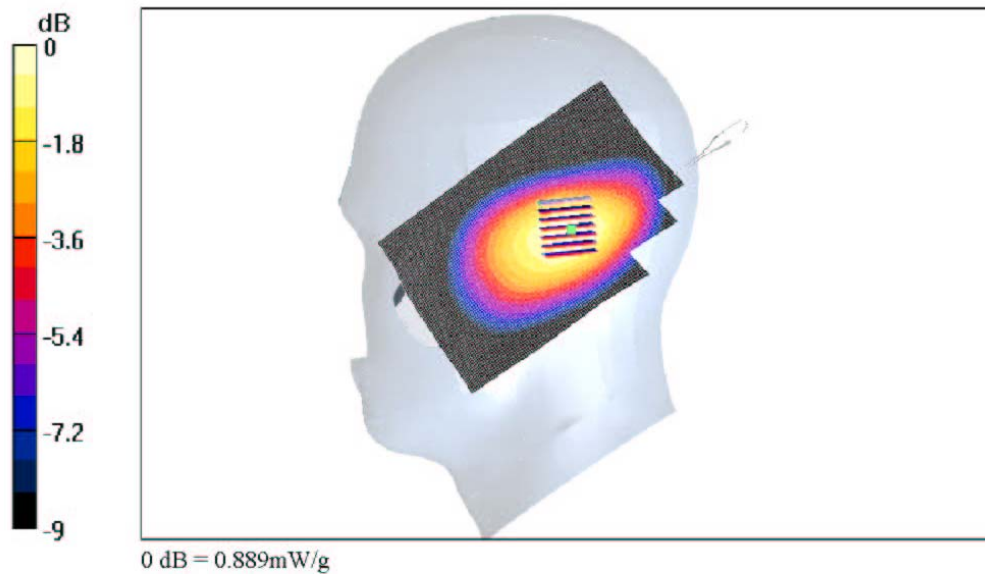
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 RT/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 29.3 V/m
Power Dnft = -0.3 dB
Maximum value of SAR = 0.92 mW/g

AMPS Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.573 mW/g
Reference Value = 29.3 V/m
Power Dnft = -0.3 dB
Maximum value of SAR = 0.889 mW/g



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Date/Time: 12/07/03 22:17:04

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

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

DUT: KX2

Communication System: AMPS, Frequency: 836 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

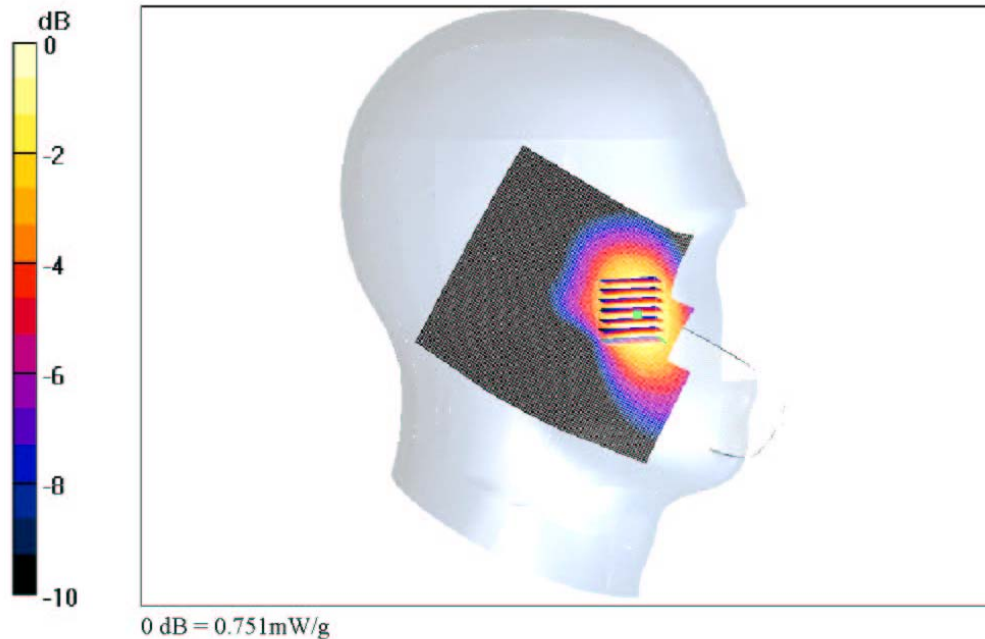
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 LC/Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.93 V/m
Power Dnft = -0.03 dB
Maximum value of SAR = 0.773 mW/g

AMPS Ch383 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.473 mW/g
Reference Value = 5.93 V/m
Power Dnft = -0.03 dB
Maximum value of SAR = 0.751 mW/g



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Date/Time: 12/07/03 23:12:56

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

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

DUT: KX2

Communication System: AMPS, Frequency: 836 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

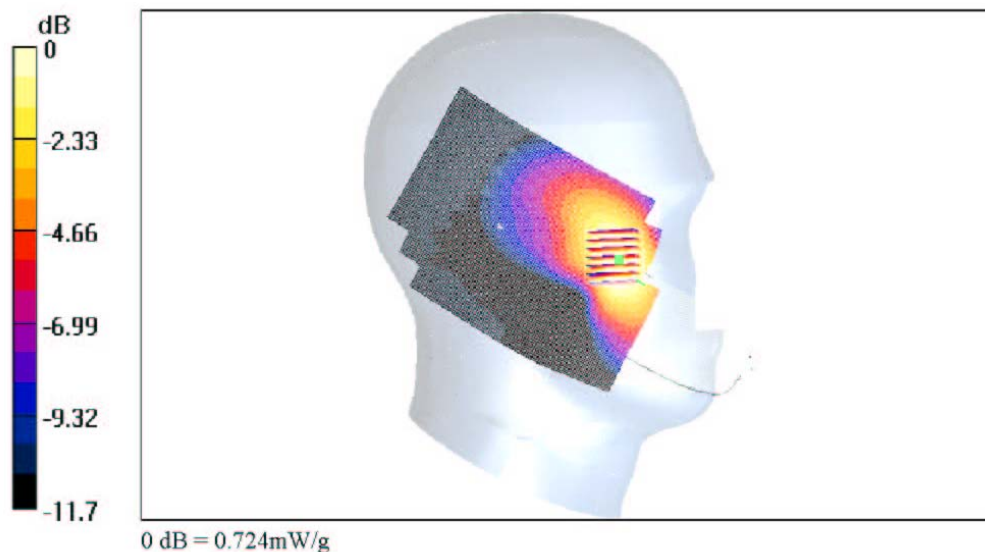
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 LC/Area Scan (81x111x1): Measurement gnd: dx=15mm, dy=15mm
Reference Value = 10.5 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.759 mW/g

AMPS Ch383 LC/Zoom Scan 2 (7x7x7)/Cube0: Measurement gnd: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.924 W/kg
SAR(1 g) = 0.68 mW/g, SAR(10 g) = 0.453 mW/g
Reference Value = 10.5 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.724 mW/g



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Date/Time: 12/07/03 22:17:04

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

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

DUT: KX2

Communication System: AMPS, Frequency: 836 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

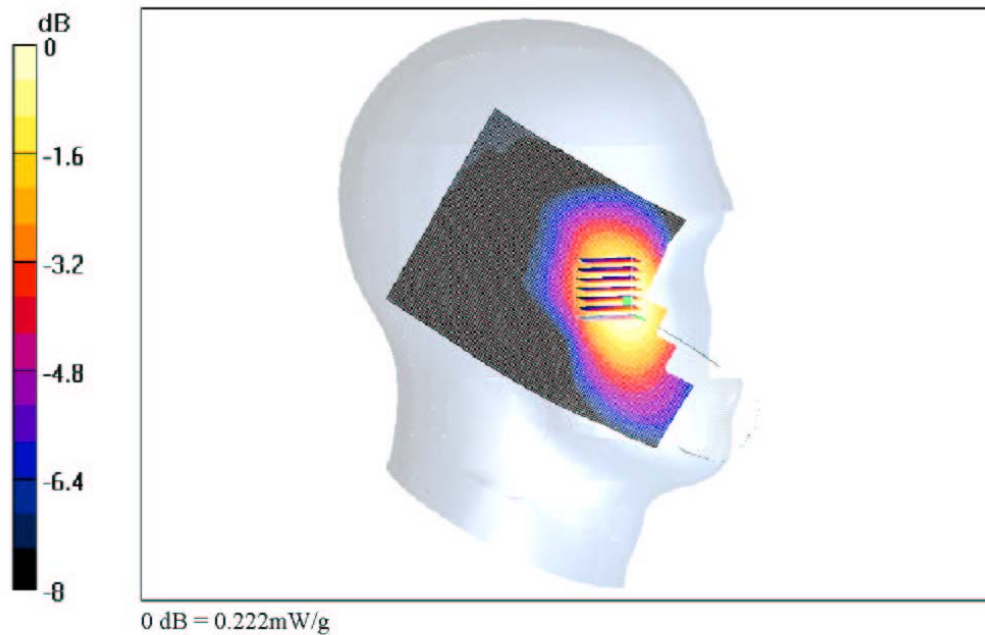
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 LT/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 6.62 V/m
Power Dnft = -0.04 dB
Maximum value of SAR = 0.229 mW/g

AMPS Ch383 LT/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.155 mW/g
Reference Value = 6.62 V/m
Power Dnft = -0.04 dB
Maximum value of SAR = 0.222 mW/g



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Date/Time: 12/07/03 23:12:56

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

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

DUT: KX2

Communication System: AMPS, Frequency: 836 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

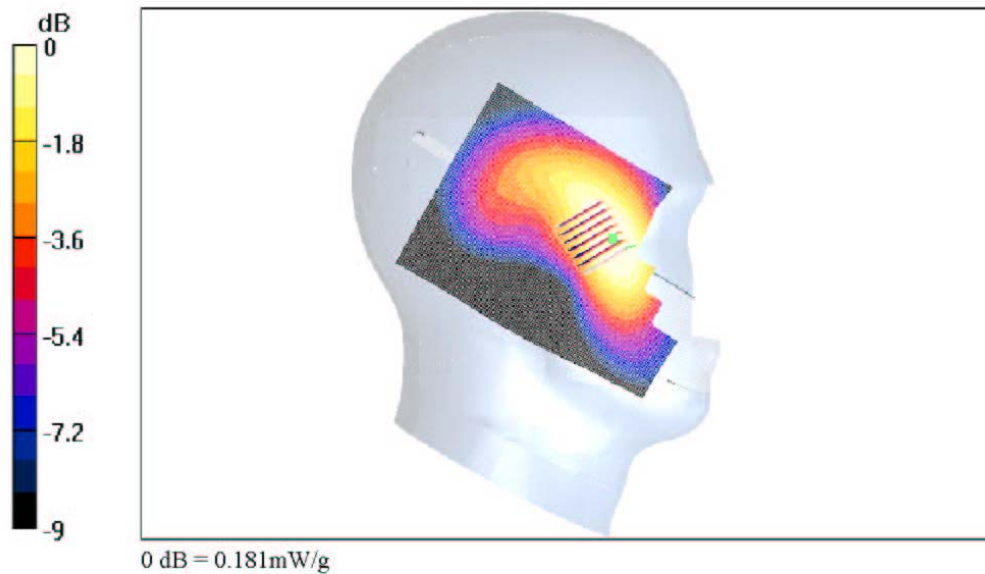
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 LT/Area Scan (81x111x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 8.64 V/m
Power Dnft = 0.02 dB
Maximum value of SAR = 0.192 mW/g

AMPS Ch383 LT/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.127 mW/g
Reference Value = 8.64 V/m
Power Dnft = 0.02 dB
Maximum value of SAR = 0.181 mW/g



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

KX2 #4G7T, AMPS ch383, Right Cheek, ANTENNA RETRACTED 12-08-03

DUT: KX2

Communication System: AMPS, Frequency: 836 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

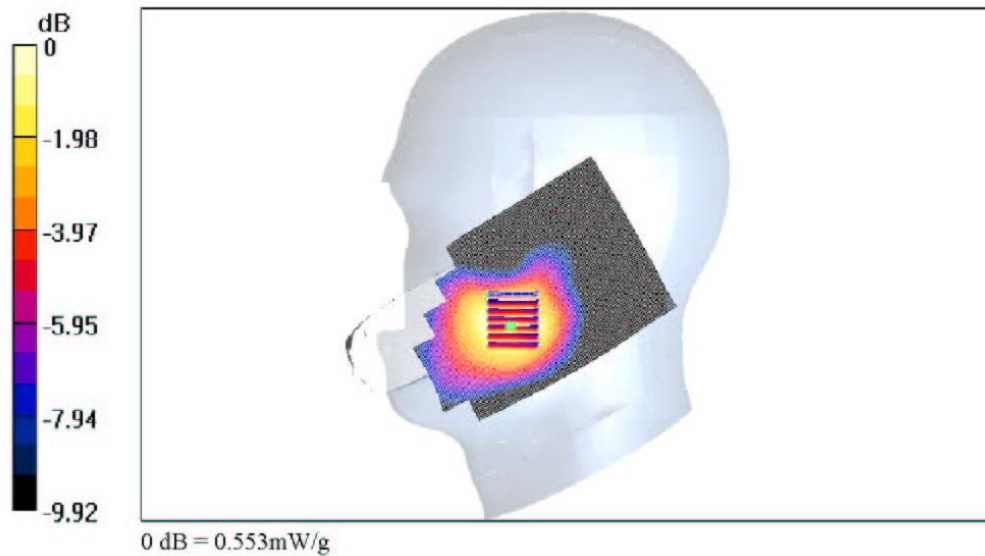
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 RC/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.08 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.574 mW/g

AMPS Ch383 RC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.52 mW/g, SAR(10 g) = 0.359 mW/g
Reference Value = 5.08 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.553 mW/g



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Test Laboratory: Kyocera Wireless Corporation

File Name: [KX2 #4G7T, FCC AMPS, Open Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-07-03.dwt](#)

KX2 #4G7T, AMPS ch383, Right Cheek, ANTENNA EXTENDED, 12-08-03

DUT: KX2

Communication System: AMPS, Frequency: 836 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

AMPS Ch383 RC/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.99 V/m

Power Dnft = -0.2 dB

Maximum value of SAR = 0.619 mW/g

AMPS Ch383 RC/Zoom Scan 2 (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

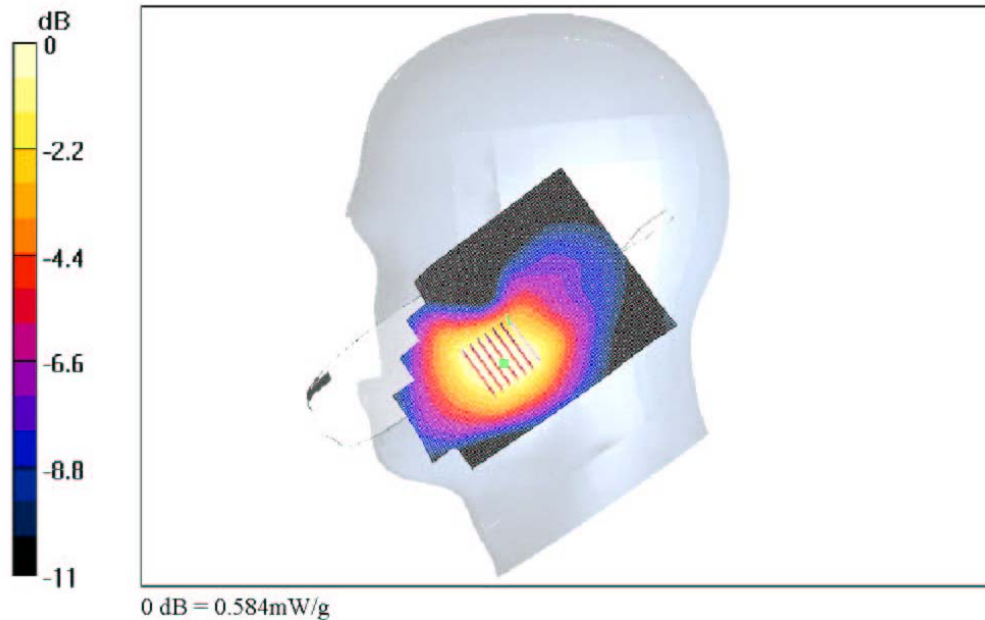
Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.555 mW/g, SAR(10 g) = 0.386 mW/g

Reference Value = 9.99 V/m

Power Dnft = -0.2 dB

Maximum value of SAR = 0.584 mW/g



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Date/Time: 12/03/03 09:16:08

Test Laboratory: Kyocera Wireless Corporation
File Name: [KX2 #4G7T, FCC AMPS, Open Right Cheek-Right Tilt, ANTENNA RETRACTED 12-08-03.d4](#)

KX2 #4G7T, AMPS ch383, Right Tilt, ANTENNA RETRACTED 12-08-03

DUT: KX2

Communication System: AMPS, Frequency: 836 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

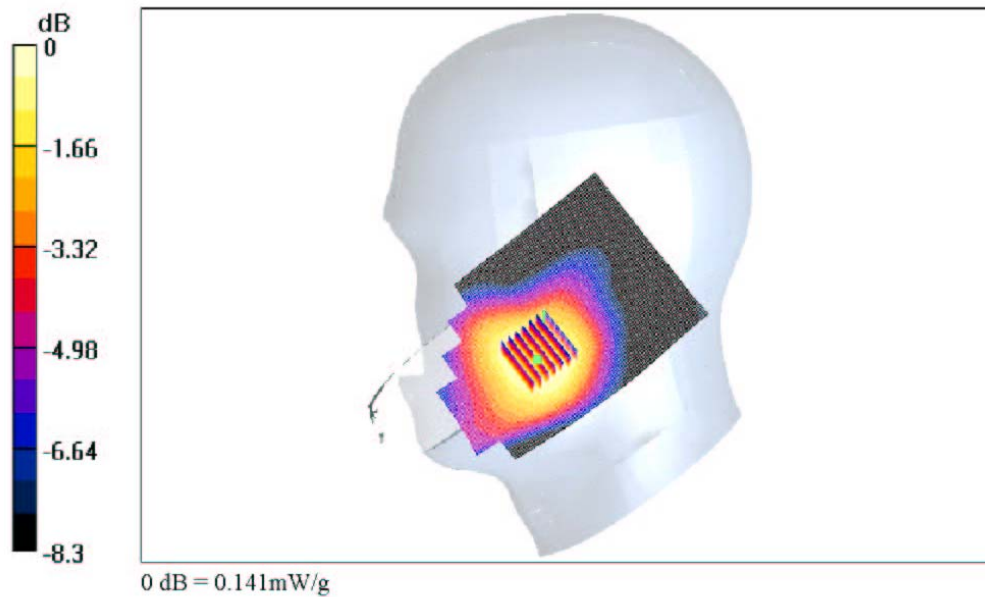
DASY4 Configuration:
Probe: ET3DV6 - SN1618, ConvF(6.9, 6.9, 6.9), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn527, Calibrated: DAE not calibrated
Measurement SW: DASY4, V4.1 Build 47
Postprocessing SW: SEMCAD, V1.6 Build 115

Temperature

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

AMPS Ch383 RT/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 5.56 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.148 mW/g

AMPS Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.101 mW/g
Reference Value = 5.56 V/m
Power Dnft = -0.2 dB
Maximum value of SAR = 0.141 mW/g



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Date/Time: 12/03/03 08:47:48

Test Laboratory: Kyocera Wireless Corporation

File Name: [KX2 #4G7T, FCC AMPS, Open Right Cheek-Right Tilt, ANTENNA EXTENDED, 12-07-03.dwt](#)

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

DUT: KX2

Communication System: AMPS, Frequency: 836 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

AMPS Ch383 RT/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.14 V/m

Power Dnft = 0.09 dB

Maximum value of SAR = 0.173 mW/g

AMPS Ch383 RT/Zoom Scan (7x7x7)/Cube0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

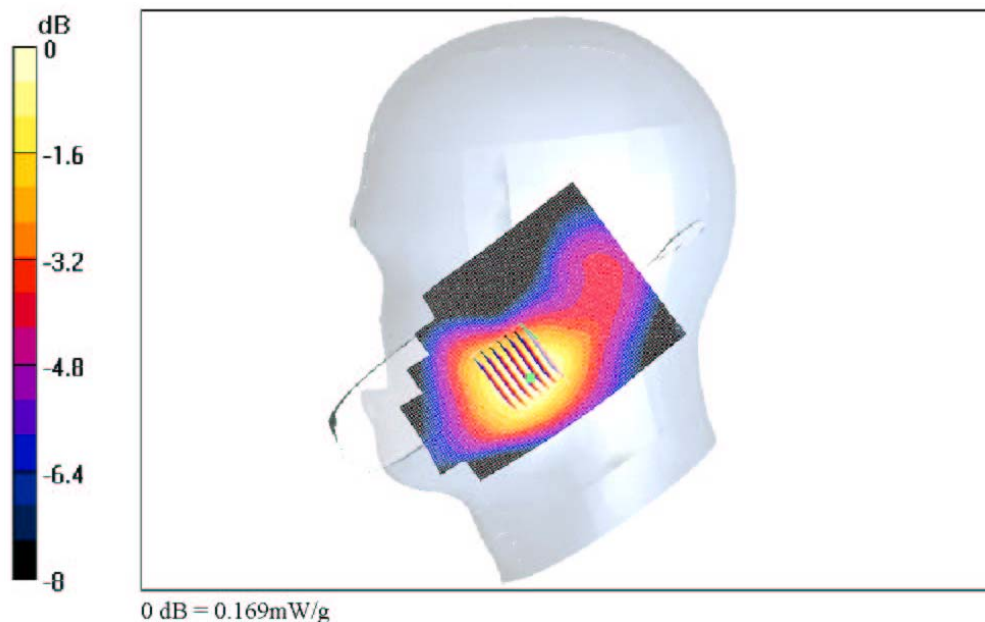
Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.119 mW/g

Reference Value = 9.14 V/m

Power Dnft = 0.09 dB

Maximum value of SAR = 0.169 mW/g



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