

Appendix B:

SAR Distribution Plots

Test Laboratory: Kyocera

KX17 #277D, CDMA-800 ch777 Left Cheek, 05-18-05

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), 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

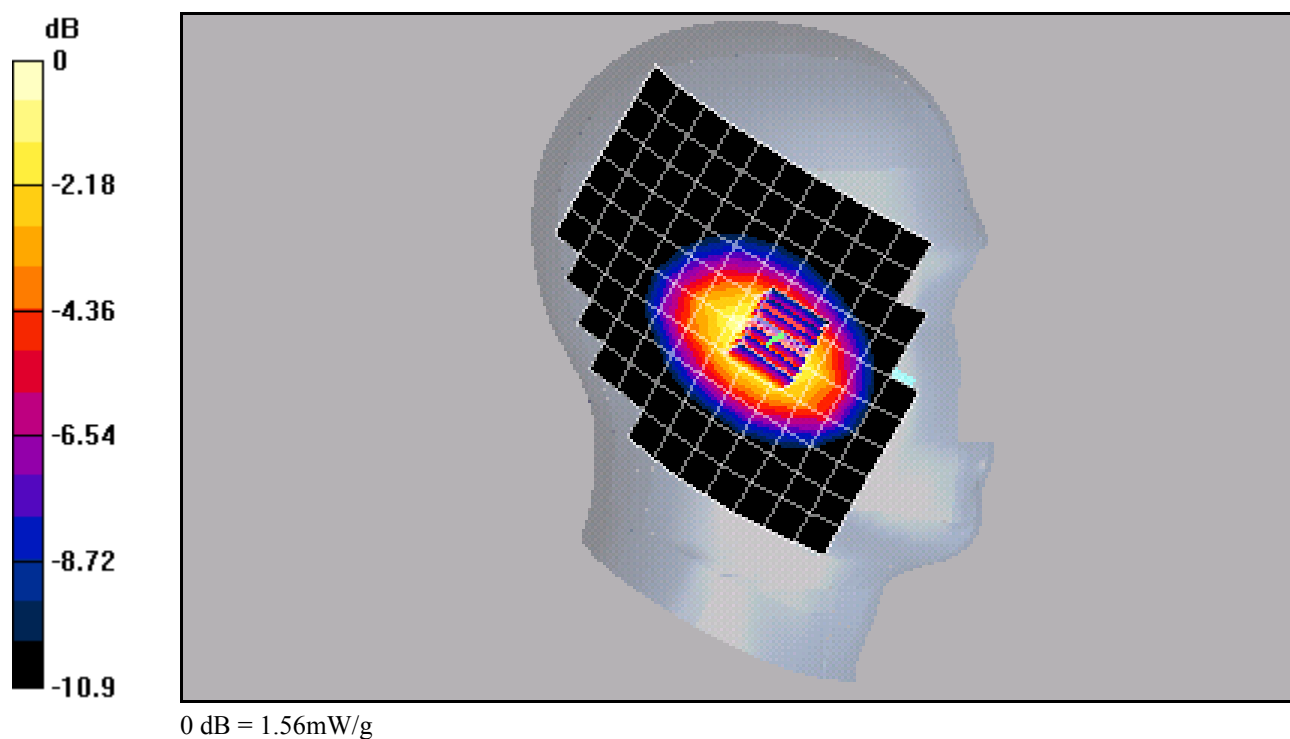
CDMA-800 ch777 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.993 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 1.56 mW/g



Test Laboratory: Kyocera

KX17 #277D, CDMA-800 Ch 777 LEFT TILT, 05-18-05

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), 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-800 ch777 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.555 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.843 mW/g

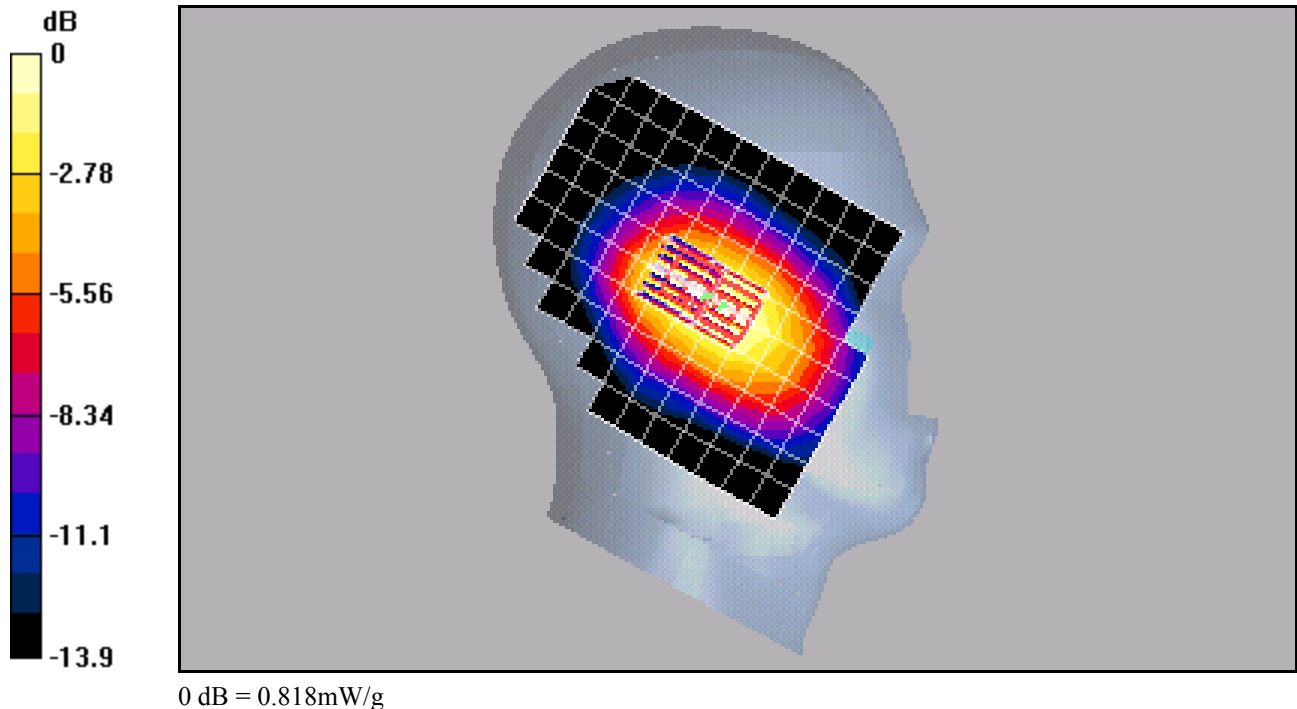
CDMA-800 ch777 LT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.480 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.818 mW/g



Test Laboratory: Kyocera

KX17 #277D, CDMA-800 Ch777, RIGHT CHEEK, 05-18-05

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), 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-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

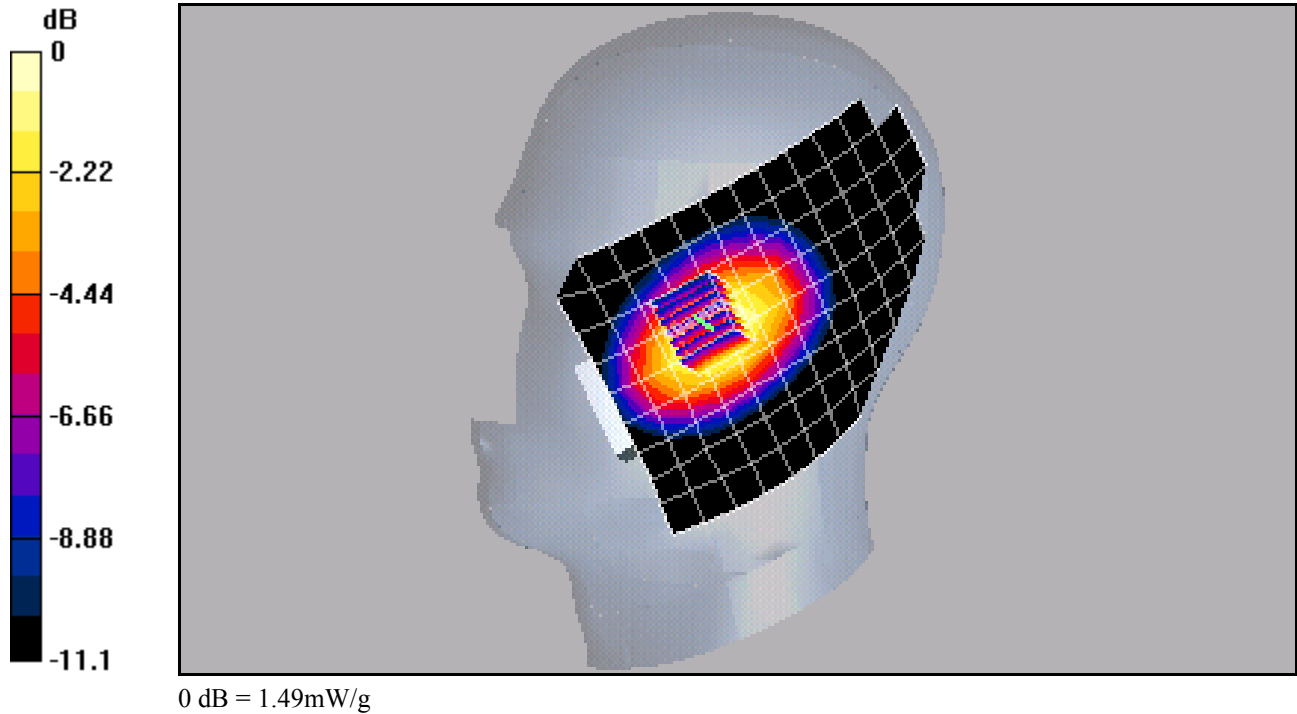
Reference Value = 32.1 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.971 mW/g

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

Maximum value of SAR (measured) = 1.49 mW/g



Test Laboratory: Kyocera

KX17 #277D, CDMA-800 Ch383 RIGHT TILT, 05-18-05

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

Medium: HSL900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), 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-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.542 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.832 mW/g

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

Reference Value = 28.4 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.474 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

