

Appendix B:

SAR Distribution Plots

Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch1175 Left Cheek

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.64, 4.64, 4.64), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

CDMA-1900 Ch1175 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

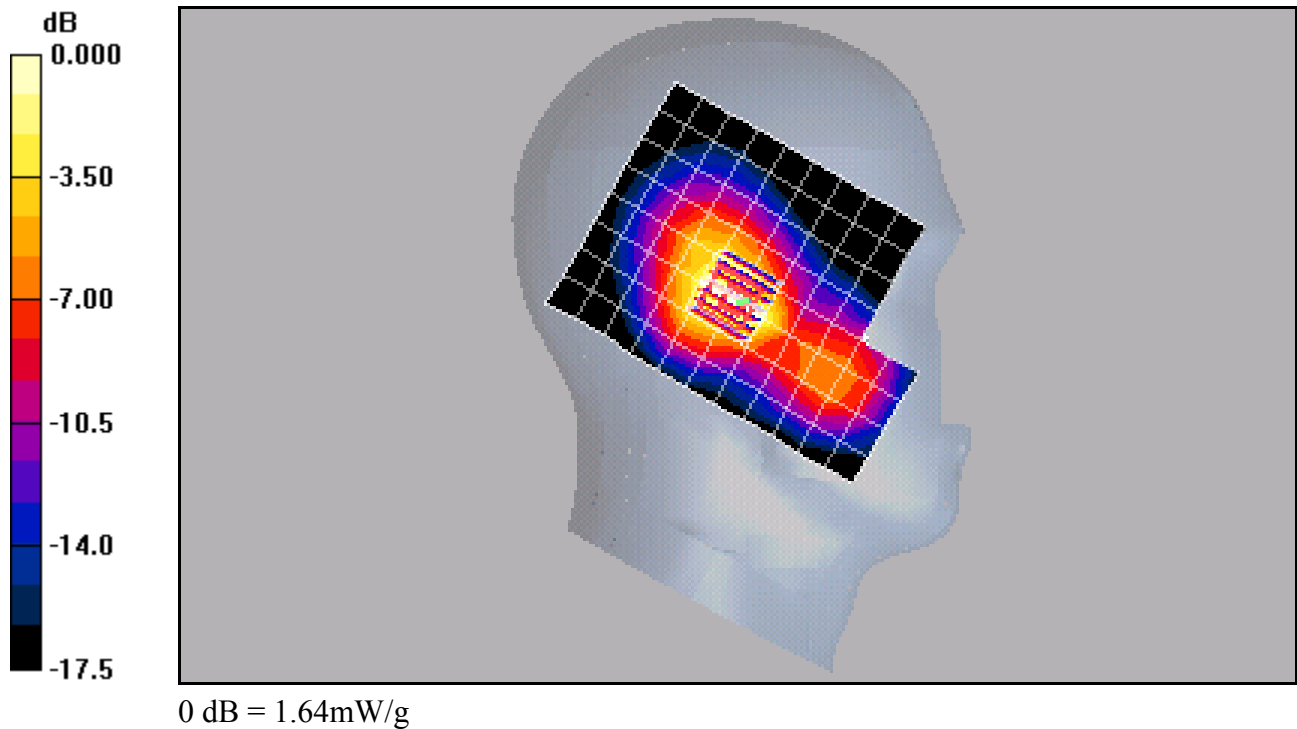
Reference Value = 30.4 V/m; Power Drift = 0.248 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.859 mW/g

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

Maximum value of SAR (measured) = 1.64 mW/g



Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch1175 Left Tilt

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.64, 4.64, 4.64), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

CDMA-1900 Ch1175 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

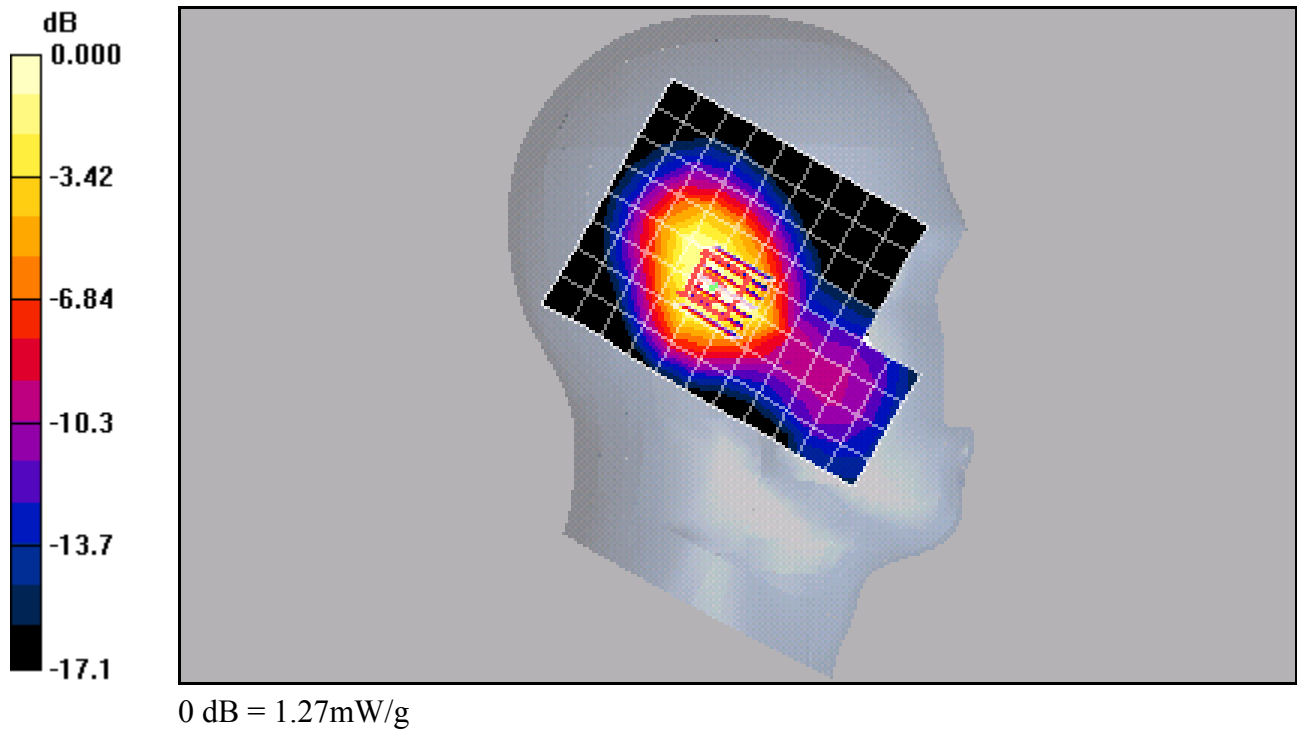
Reference Value = 31.7 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.736 mW/g

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

Maximum value of SAR (measured) = 1.27 mW/g



Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch1175 Right Cheek

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.64, 4.64, 4.64), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

CDMA-1900 Ch1175 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

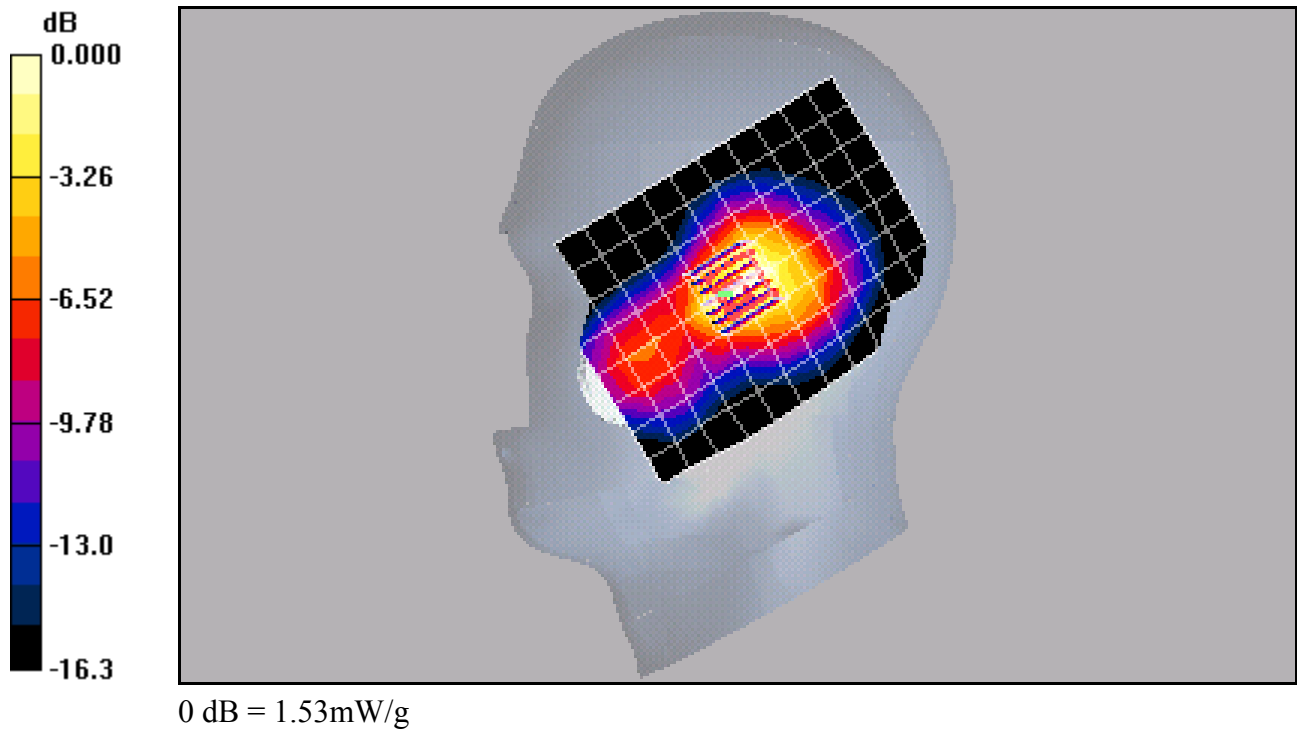
Reference Value = 29.7 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.795 mW/g

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

Maximum value of SAR (measured) = 1.53 mW/g



Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch600 Right Tilt

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

Medium: HSL1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.64, 4.64, 4.64), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

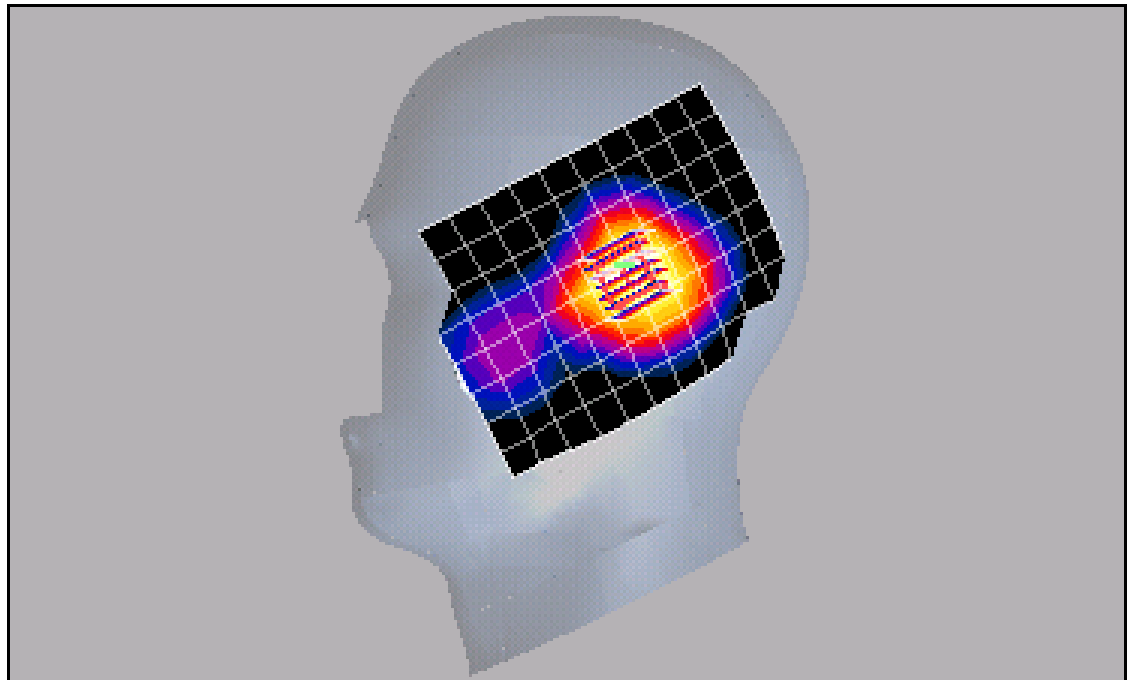
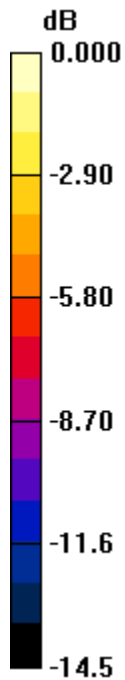
CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = -0.327 dB

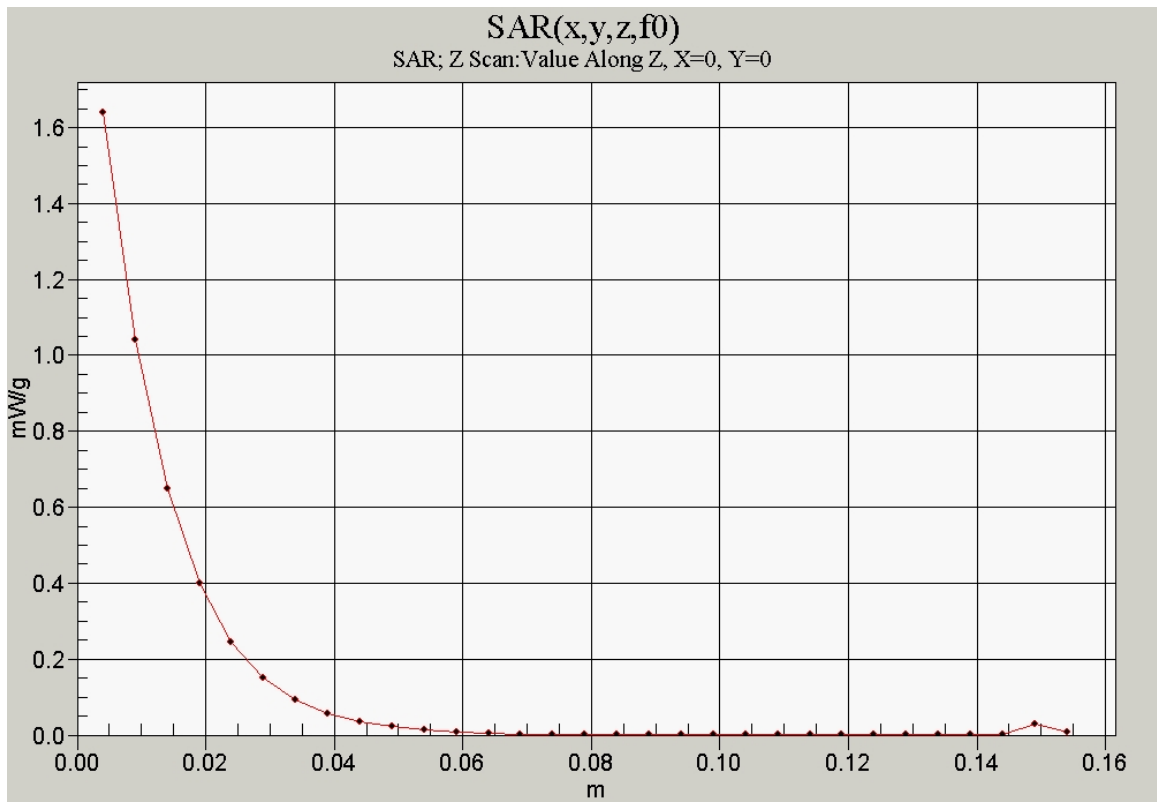
Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.733 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g



Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch600 Flat with 22.5mm Air Space

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

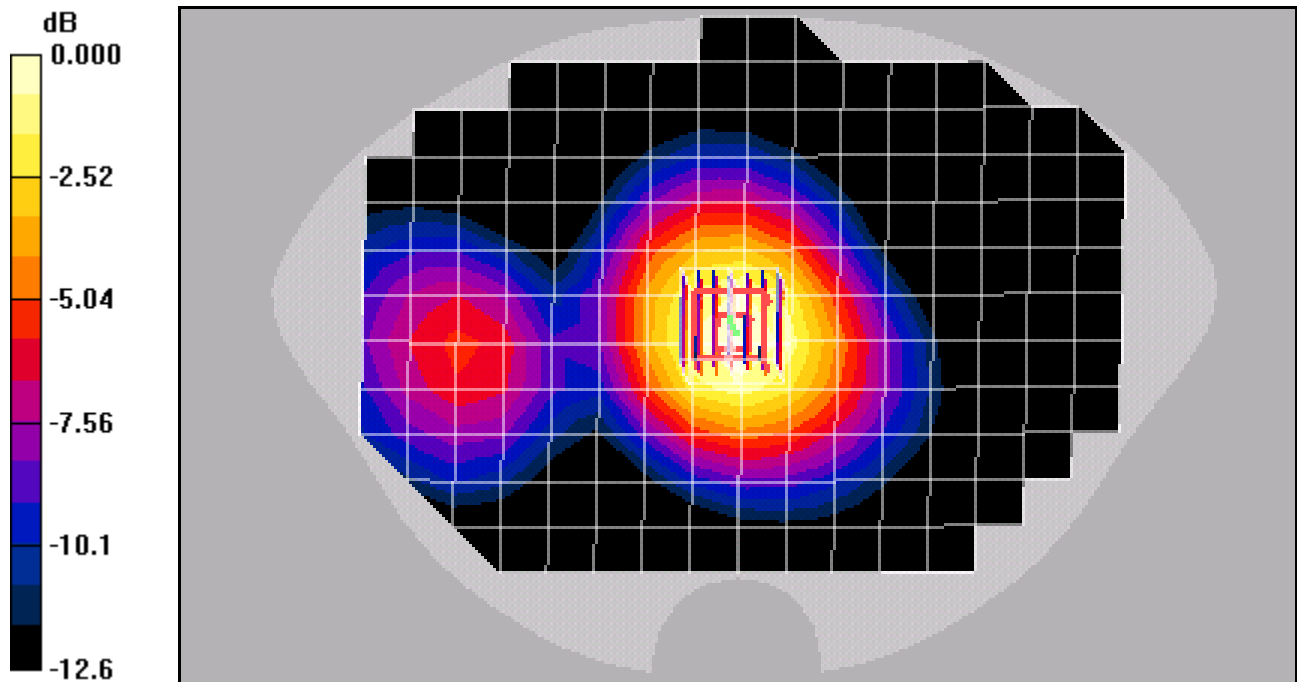
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.418 mW/g



0 dB = 0.418mW/g

Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch600 Flat with Belt Clip

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

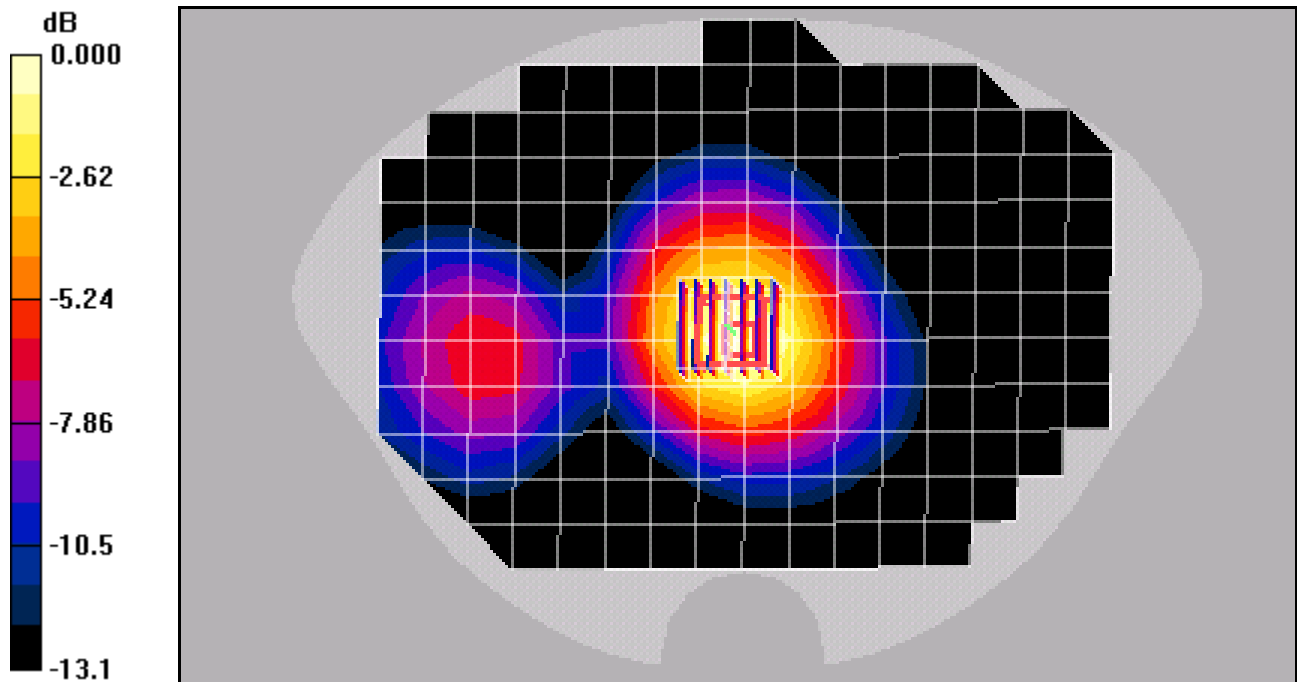
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.572 mW/g



0 dB = 0.572mW/g

Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch600 Flat with Leather Case

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

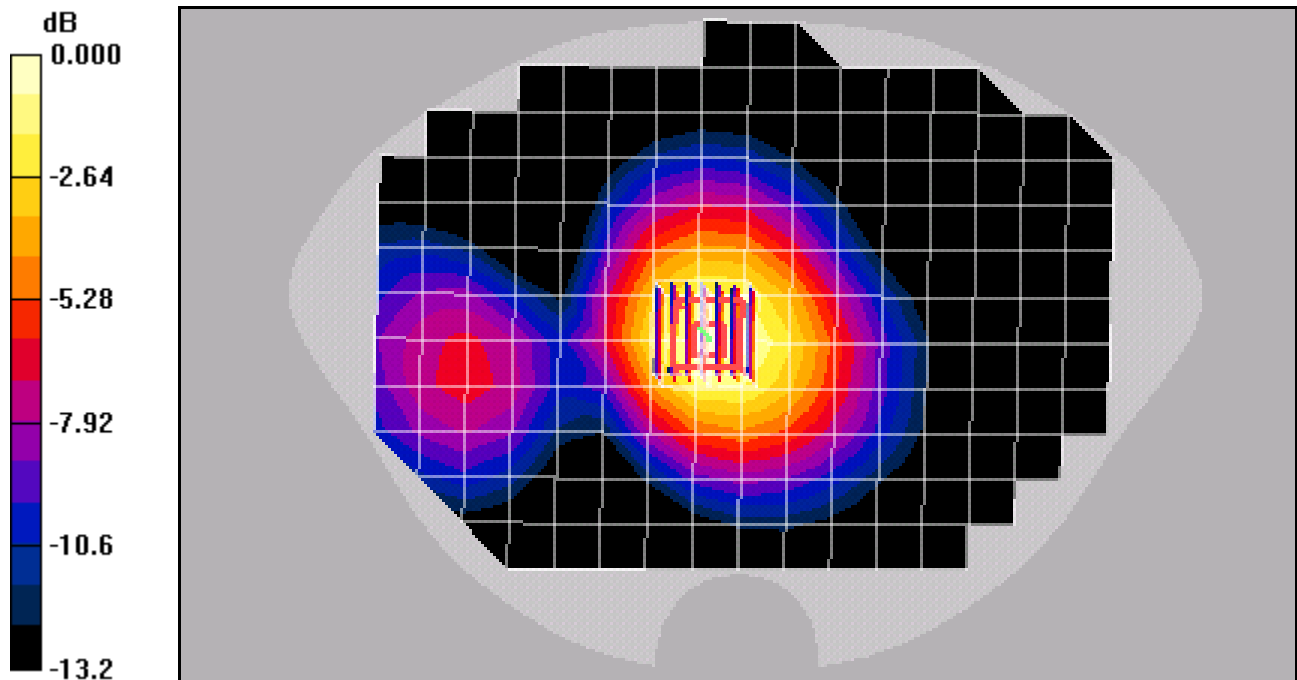
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



0 dB = 0.455mW/g

Test Laboratory: Kyocera-Wireless Corp.

K483JLC #2724 PCS ch600 Flat with Backpack Clip and Belt Clip

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV2 - SN3036, ConvF(4.48, 4.48, 4.48), Calibrated: 10/25/2005

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

Electronics: DAE4 Sn530, Calibrated: 1/4/2005

Measurement SW: DASY4, V4.4 Build 3

Postprocessing SW: SEMCAD, V1.8 Build 159

Temperature:

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

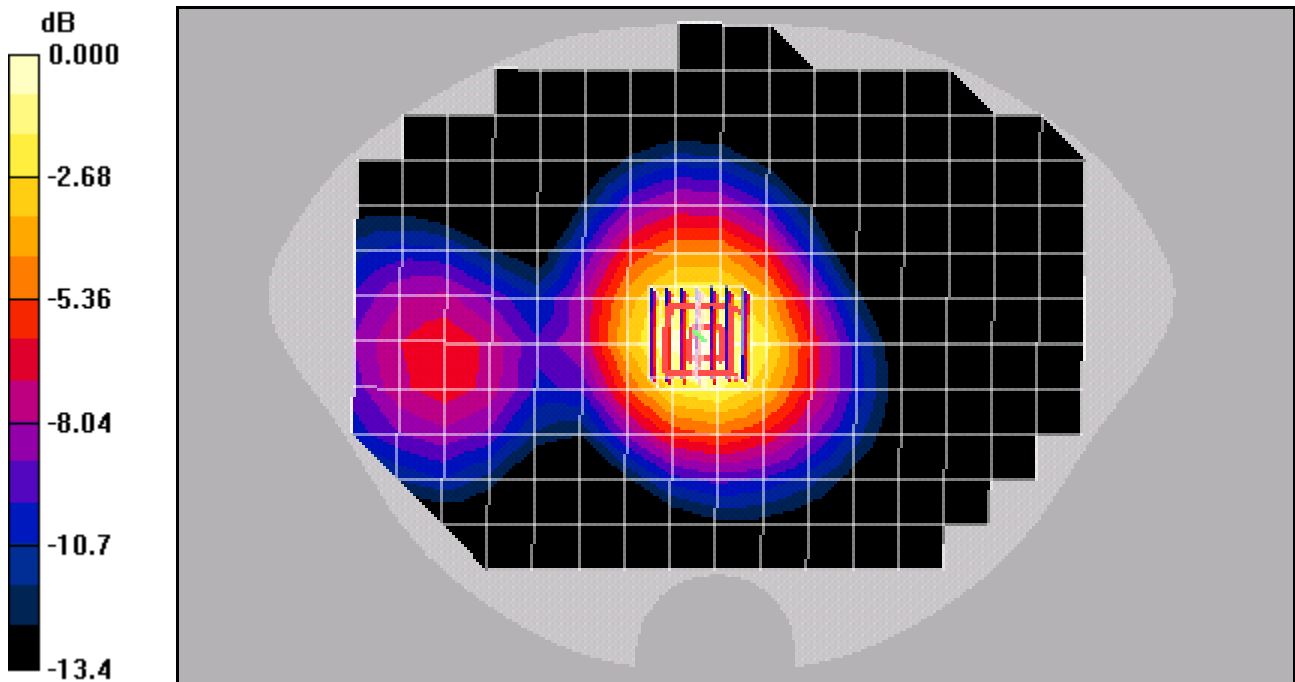
CDMA-1900 FLAT Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.542 mW/g



0 dB = 0.542mW/g

