

Appendix B:
SAR Distribution Plots (Body)

Test Laboratory: Kyocera-Wireless Corp.

KPC680 #1238 CDMA-800 CH383 with Host Computer #1 and Position 90 degree

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

Medium: M900,Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.43, 6.43, 6.43), Calibrated: 6/22/2006

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

Electronics: DAE3 Sn493,Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

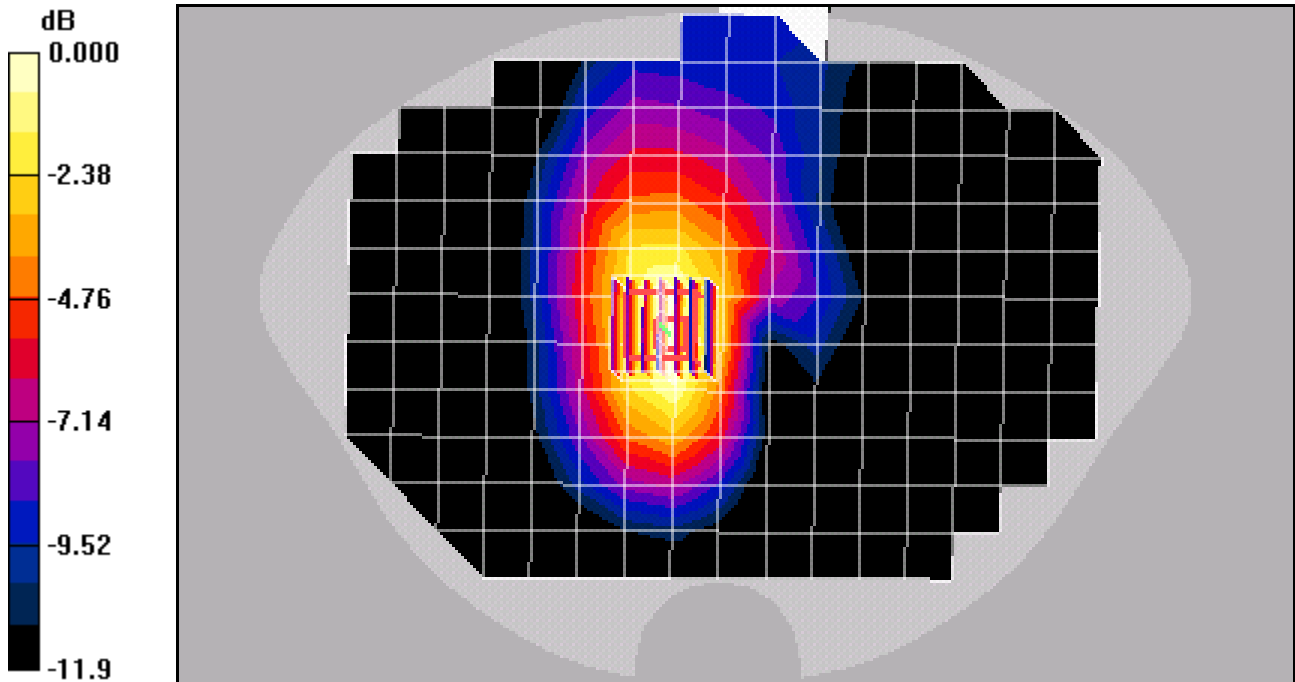
Reference Value = 15.4 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.267 mW/g

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

Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.426mW/g

Test Laboratory: Kyocera-Wireless Corp.

KPC680 #1238 CDMA-800 CH383 with Host Computer #2 and Position 0 degree

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.43, 6.43, 6.43), Calibrated: 6/22/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-800 Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

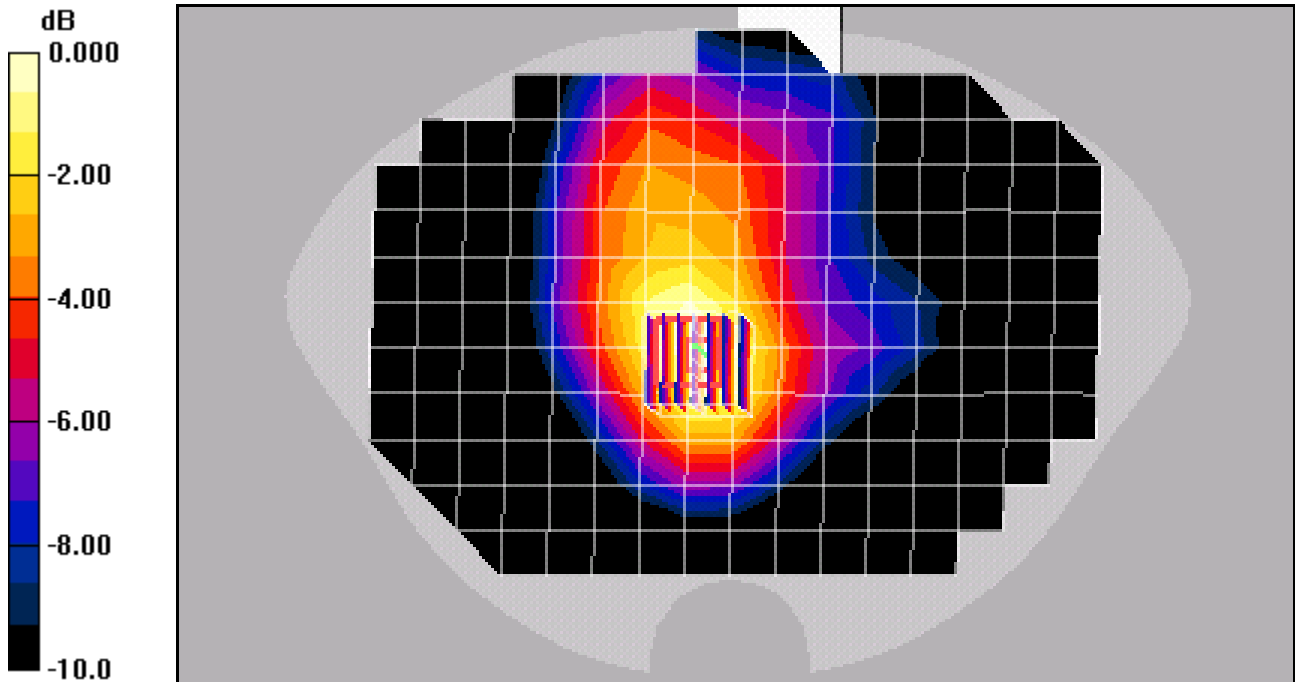
Reference Value = 20.7 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.306 mW/g

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.463 mW/g



0 dB = 0.463mW/g

Test Laboratory: Kyocera-Wireless Corp.

KPC680 #1238 CDMA-800 CH777 with Host Computer #3 and Position 0 degree

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

Medium: M900,Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.43, 6.43, 6.43), Calibrated: 6/22/2006

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

Electronics: DAE3 Sn493,Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

CDMA-800 Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

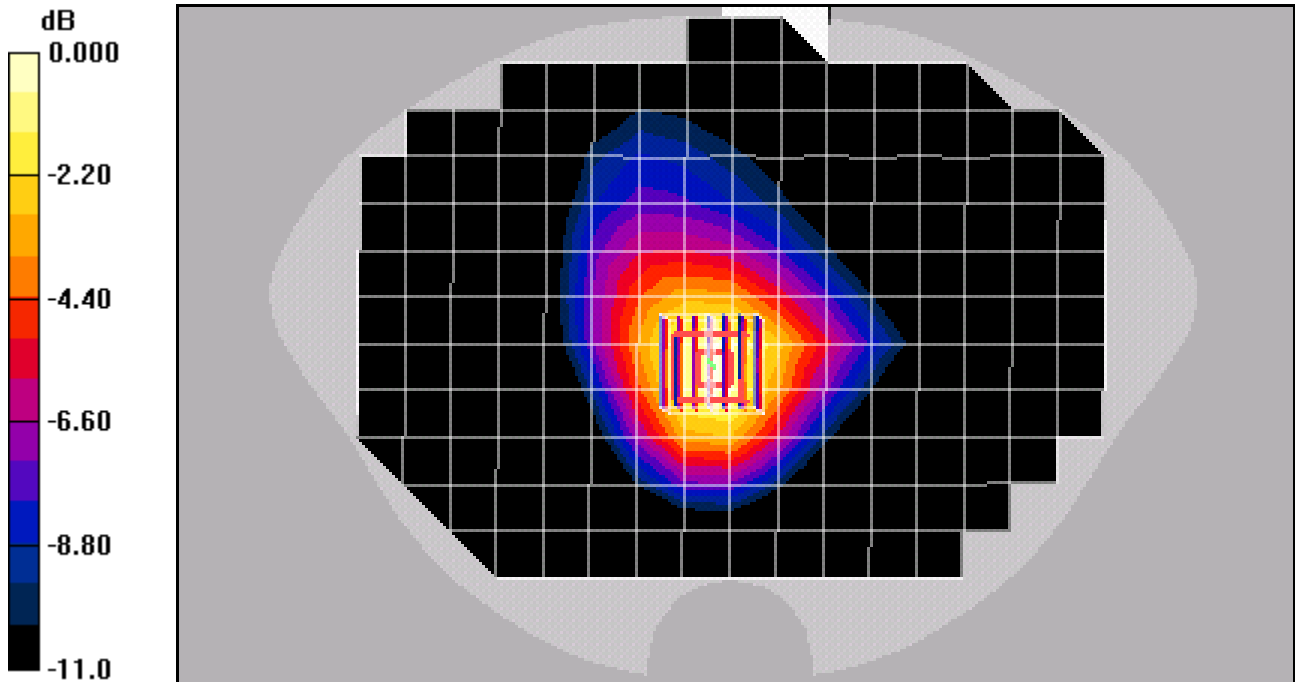
Reference Value = 36.0 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.778 mW/g

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

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



0 dB = 1.27mW/g

Test Laboratory: Kyocera-Wireless Corp.

KPC680 #1238 PCS CH600 with Host Computer #1 and Position 0 degree

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(4.57, 4.57, 4.57), Calibrated: 6/22/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

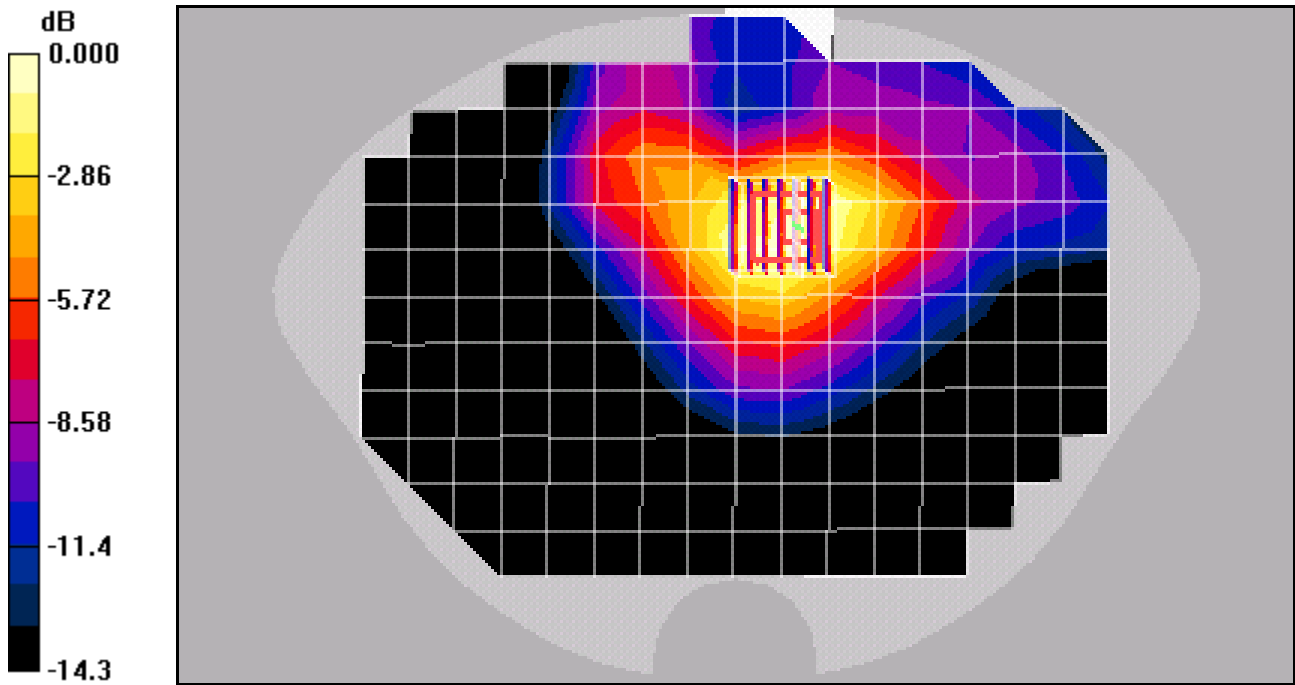
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.56 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.626 mW/g



0 dB = 0.626mW/g

Test Laboratory: Kyocera-Wireless Corp.

KPC680 #1238 PCS CH600 with Host Computer #2 and Position 0 degree

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(4.57, 4.57, 4.57), Calibrated: 6/22/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

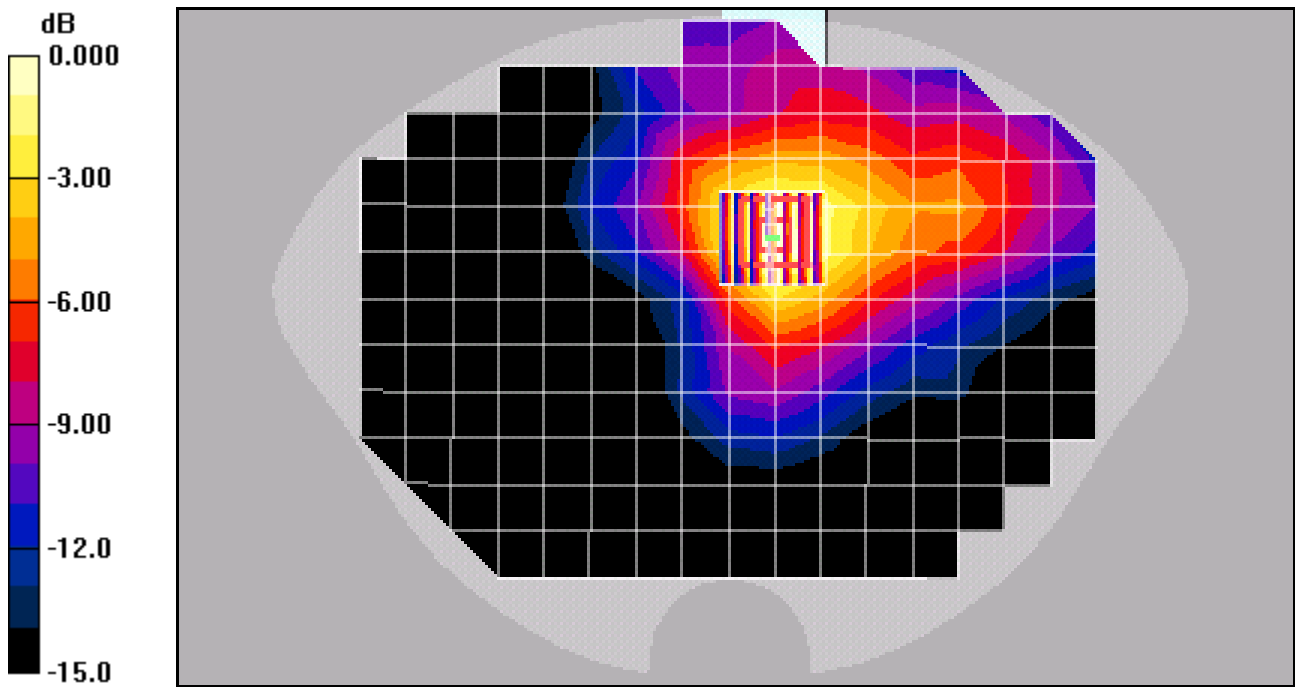
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.70 V/m; Power Drift = -0.208 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 0.560 mW/g



0 dB = 0.560mW/g

Test Laboratory: Kyocera-Wireless Corp.

KPC680 #1238 PCS CH600 with Host Computer #3 and Position 0 degree

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(4.57, 4.57, 4.57), Calibrated: 6/22/2006

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

Electronics: DAE3 Sn493, Calibrated: 11/7/2006

Measurement SW: DASY4, V4.7 Build 53

Postprocessing SW: SEMCAD, V1.8 Build 160

Temperature:

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

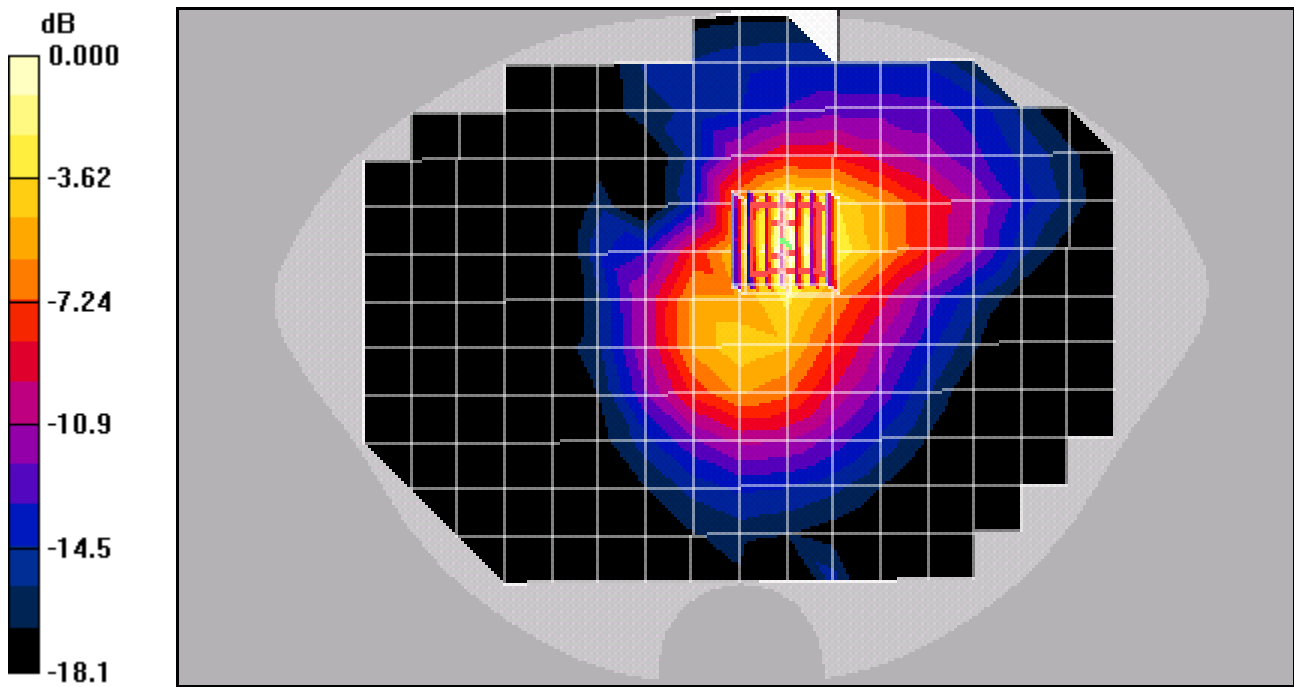
PCS ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.593 mW/g



0 dB = 0.593mW/g