

Appendix B: OVFKWC-KPC650 SAR Plots

Section 1

CDMA 1900

Date/Time: 09/01/04 15:02:20

Test Laboratory: Kyocera

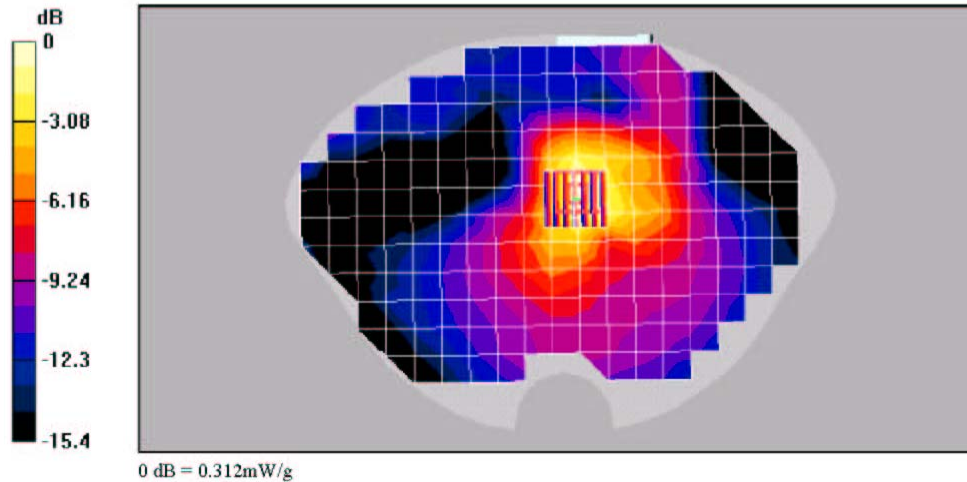
KPC650 #2FZJ, PCS FLAT #2 position with Dell Latitude and Power Cord Ch600

Communication System: PCS-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.8, 4.8, 4.8), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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 = 11.6 V/m, Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.312 mW/g
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.173 mW/g



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Date/Time: 09/01/04 10:05:53

Test Laboratory: Kyocera

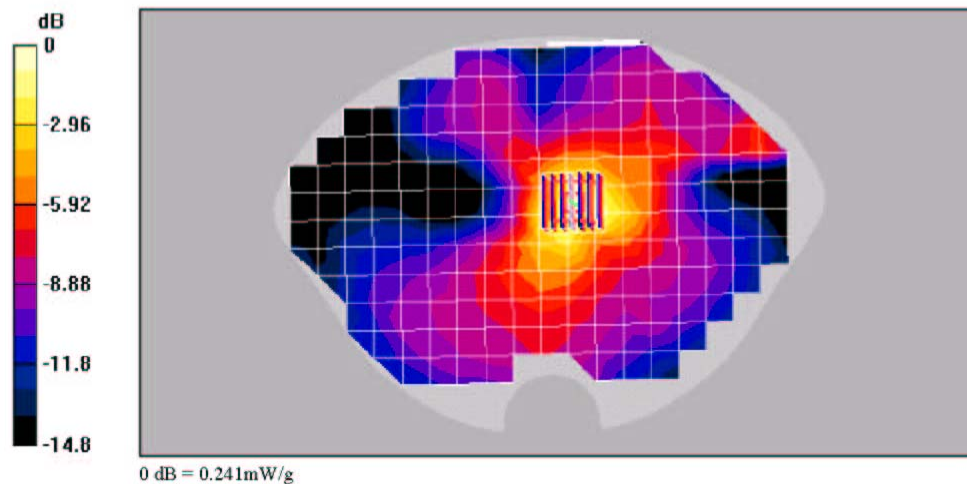
FCC-KPC650 #2FZJ, PCS FLAT #2 position with Toshiba and Battery Pack and Power Cord Ch600

Communication System: PCS-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.52$ mho/m, $\epsilon_r = 55.3$, $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConfF(4.8, 4.8, 4.8), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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 = 10.6 V/m, Power Drift = -0.2 dB
Maximum value of SAR (measured) = 0.241 mW/g
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.131 mW/g



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Date/Time: 09/01/04 12:47:22

Test Laboratory: Kyocera

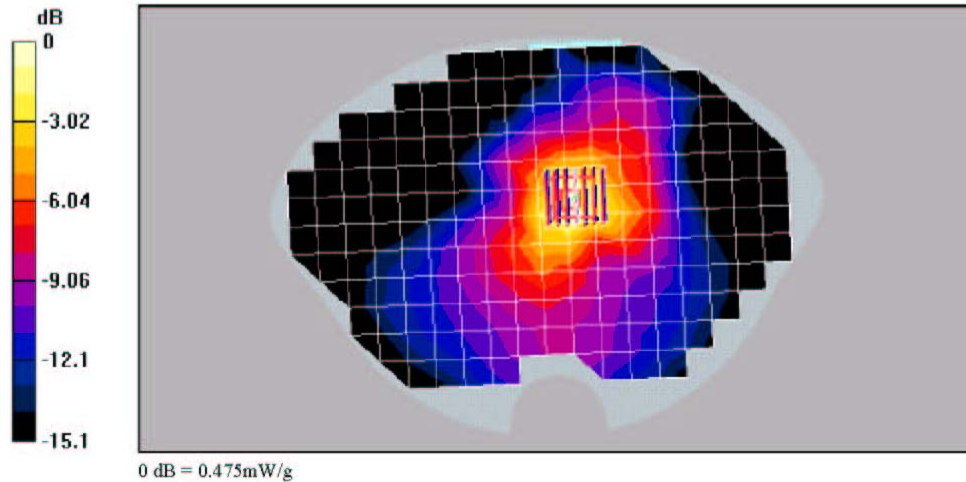
KPC650 #2FZJ, PCS FLAT #2 position with HP-Compaq nx5000 and Power Cord Ch600

Communication System: PCS-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: M1800, Medium parameters used: $f = 1880$ MHz, $\sigma = 1.52$ mho/m, $\epsilon_r = 55.3$, $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

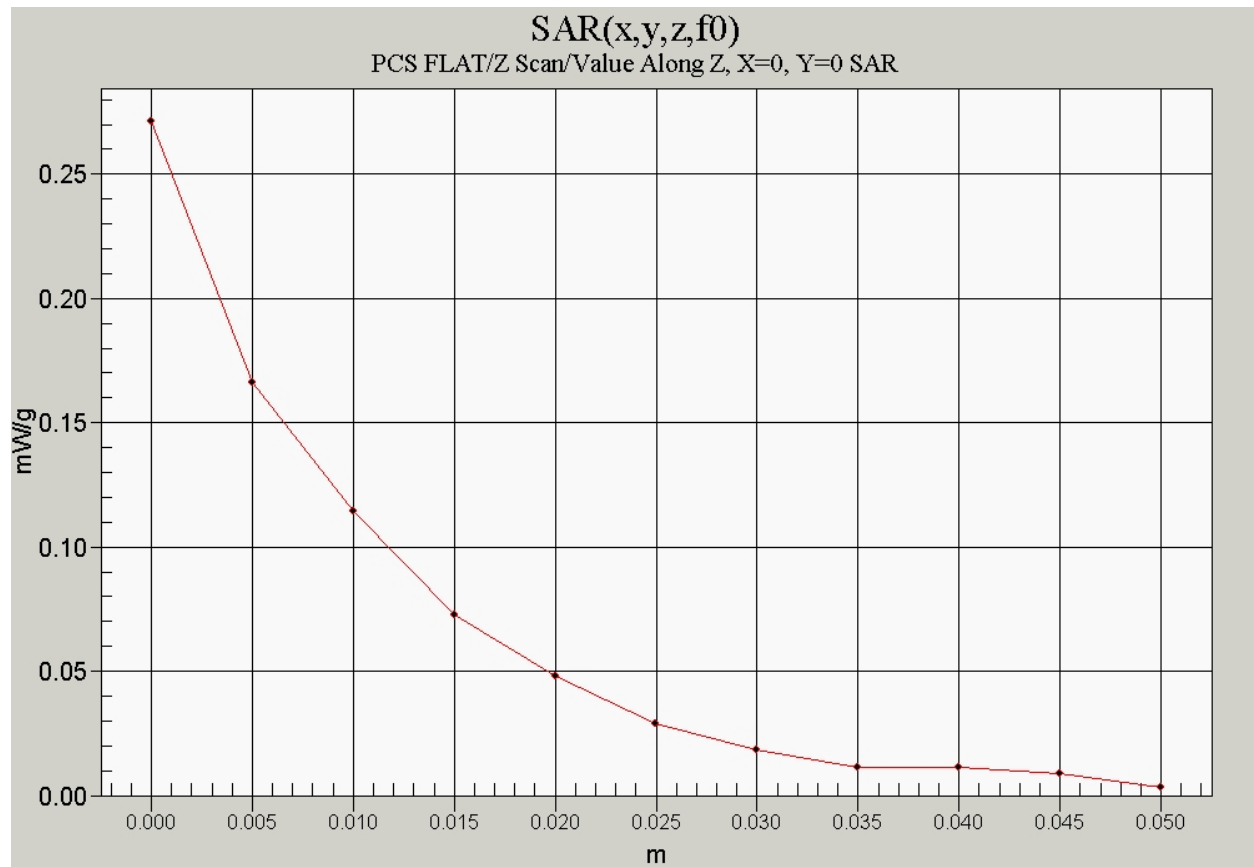
DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.8, 4.8, 4.8), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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 = 14.6 V/m, Power Drift = 0.1 dB
Maximum value of SAR (measured) = 0.475 mW/g
Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.256 mW/g



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Section 2

CDMA 800

Date/Time: 08/31/04 19:54:18

Test Laboratory: Kyocera

KPC650 #2FZJ, CDMA-800 FLAT #2 position with DELL Latitude and Power Cord Ch383

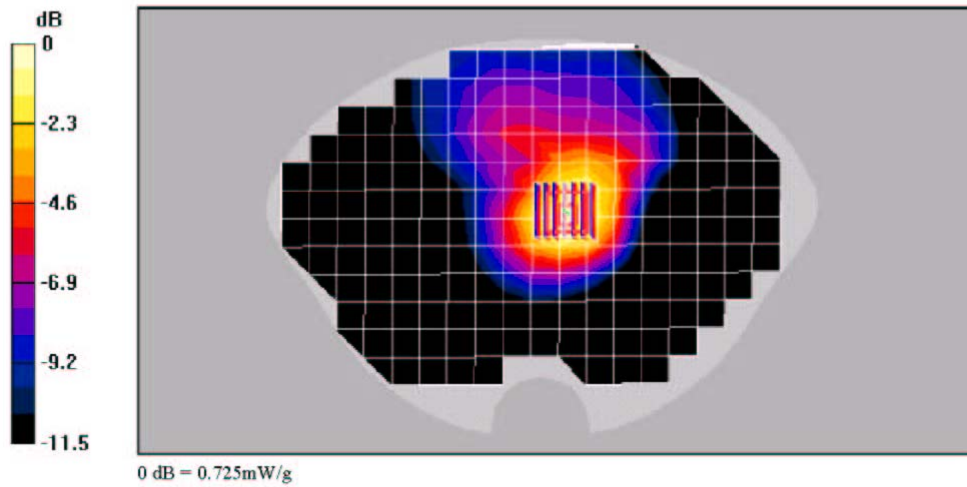
Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: M900, Medium parameters used (interpolated): $f = 836.49 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom: SAM 12 Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3D/V6 - SN1714, ConvF(6.3, 6.3, 6.3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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: $\Delta x=5\text{mm}$, $\Delta y=5\text{mm}$, $\Delta z=5\text{mm}$
Reference Value = 23.3 V/m, Power Drift = -0.2 dB
Maximum value of SAR (measured) = 0.725 mW/g
Peak SAR (extrapolated) = 0.935 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.446 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



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Date/Time: 08/31/04 14:08:42

Test Laboratory: Kyocera

KPC650 #2FZJ, CDMA-800 FLAT #2 position with Toshiba and Battery Pack and Power Cord Ch383

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz, $\sigma = 0.99$ mho/m, $\epsilon_r = 55.2$, $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

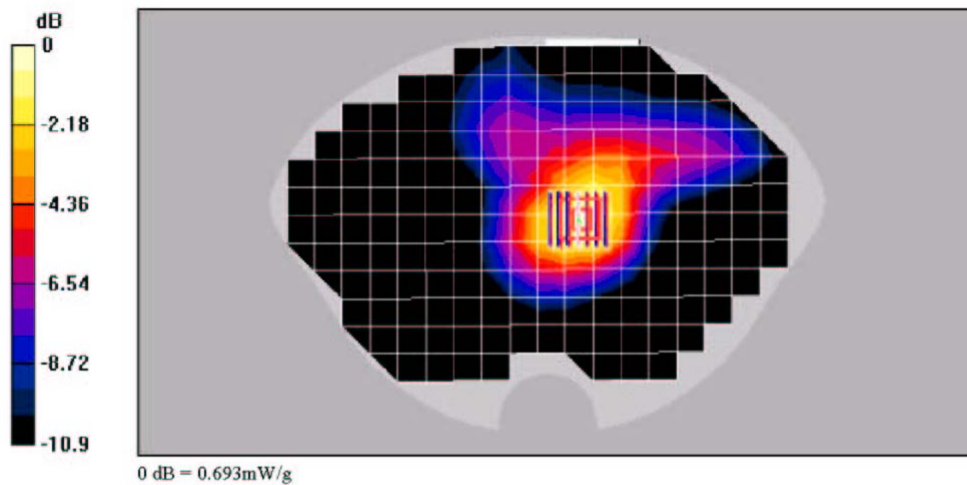
DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.3, 6.3, 6.3), Calibrated: 10/10/2003
Sensor Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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 = 22.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 0.693 mW/g
Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.436 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



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Date/Time: 08/31/04 14:54:47

Test Laboratory: Kyocera

KPC650 #2FZJ, CDMA-800 FLAT #2 position with HP-Compaq nx5000 and Power Cord Ch1013

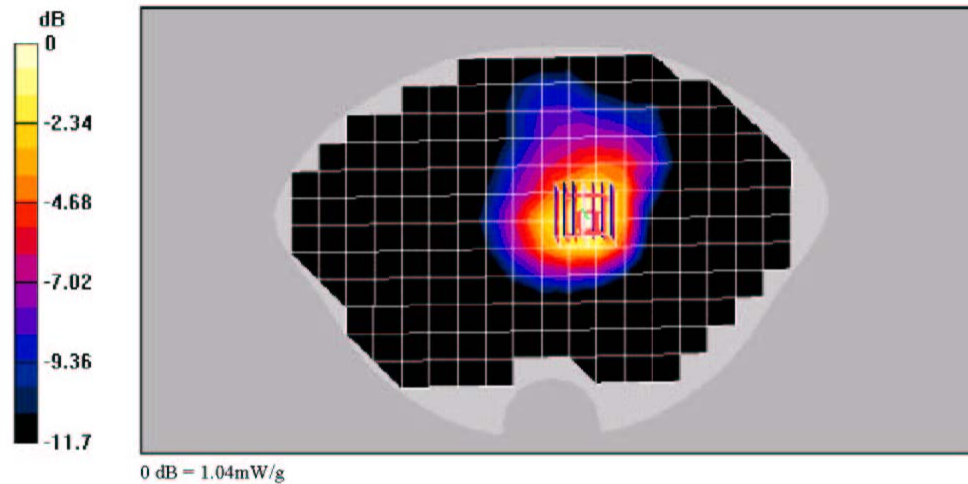
Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1
Medium: M900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.99$ nho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.3, 6.3, 6.3), Calibrated: 10/10/2003
Sensor: Surface 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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

CDMA-800 Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.6 V/m, Power Drift = -0.0 dB
Maximum value of SAR (measured) = 1.04 mW/g
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.622 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



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Test Laboratory: Kyocera

KPC650 #2FZJ, CDMA-800 FLAT #2 position with HP-Compaq nx5000 and Power Cord Ch383

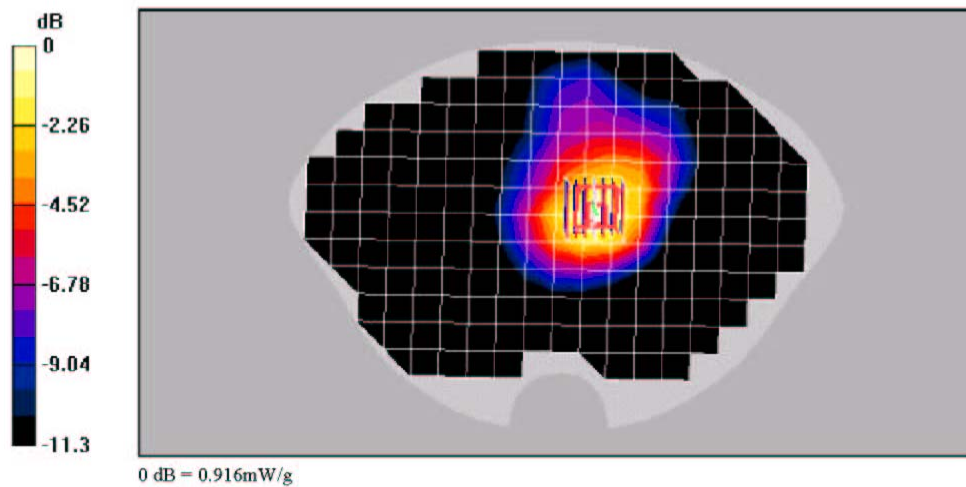
Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³
Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.3, 6.3, 6.3), Calibrated: 10/10/2003
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493, Calibrated: 11/25/2003
Measurement SW: DASY4, V4.2 Build 44
Postprocessing SW: SEMCAD, V1.8 Build 112

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: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 25.8 V/m, Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.916 mW/g
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.550 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



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Date/Time: 08/31/04 14:54:47

Test Laboratory: Kyocera

KPC650 #2FZJ, CDMA-800 FLAT #2 position with HP-Compaq nx5000 and Power Cord Ch777

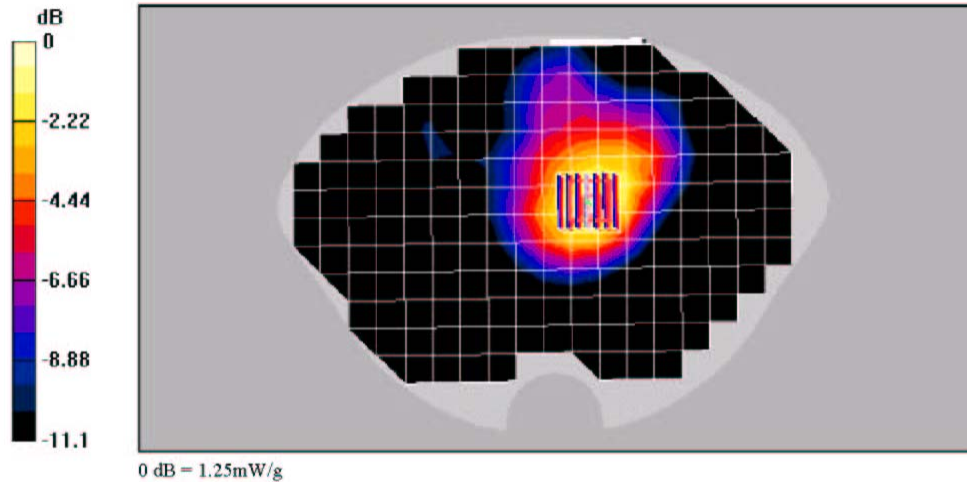
Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1
 Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz, $\sigma = 0.99$ mho/m, $\epsilon_r = 55.2$, $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1714, ConvF(6.3, 6.3, 6.3), Calibrated: 10/10/2003
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
 Electronics: DAE3 Sn493, Calibrated: 11/25/2003
 Measurement SW: DASY4, V4.2 Build 44
 Postprocessing SW: SEMCAD, V1.8 Build 112

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 = 26.8 V/m, Power Drift = -0.1 dB
 Maximum value of SAR (measured) = 1.25 mW/g
 Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.766 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



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