

Appendix B2:

SAR Distribution Plots (Body)

KX160B #RSM4, AMPS Ch383 Flat, Phone Closed, 25mm Air Space With Bluetooth On**Communication System:** AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1**Medium:** M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³**Phantom:** SAM 12, Phantom section: Flat Section**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

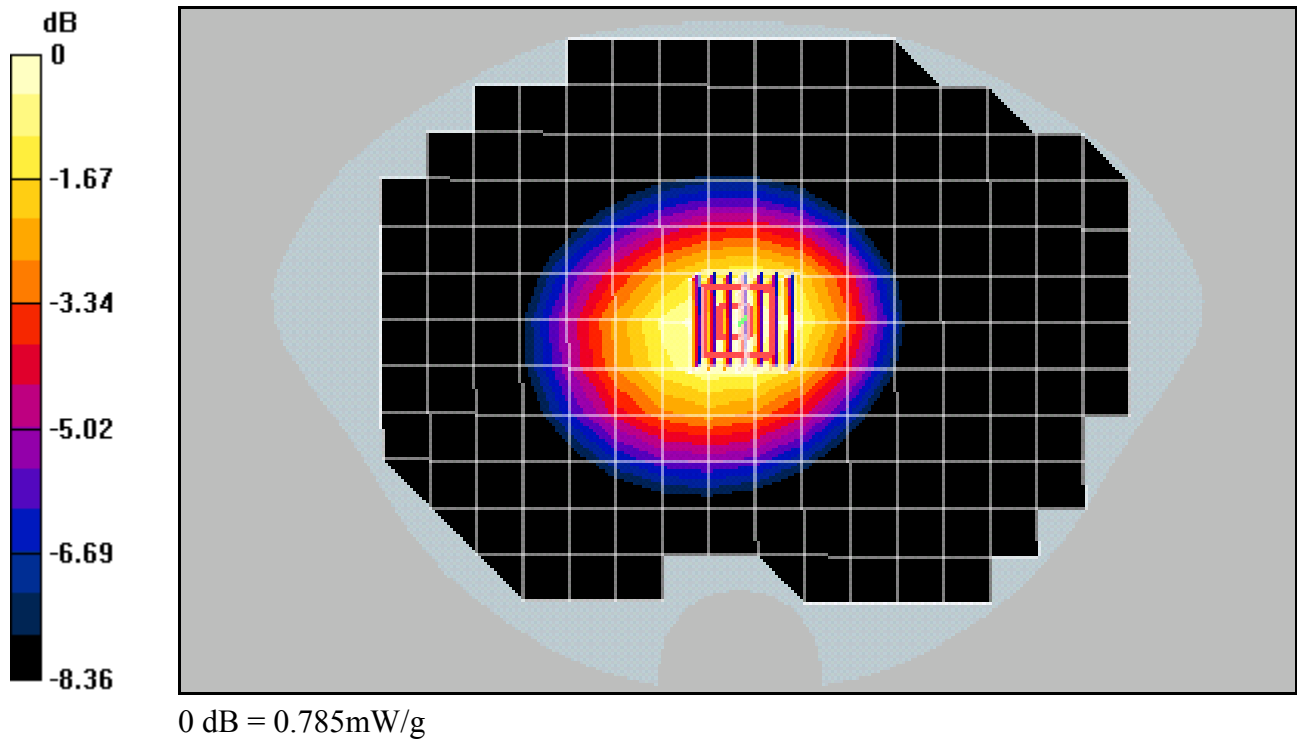
AMPS Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.546 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.785 mW/g



KX160B #RSM4, AMPS Ch799 Flat, Phone Closed With Belt Clip, Extended Battery

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

AMPS Ch799/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

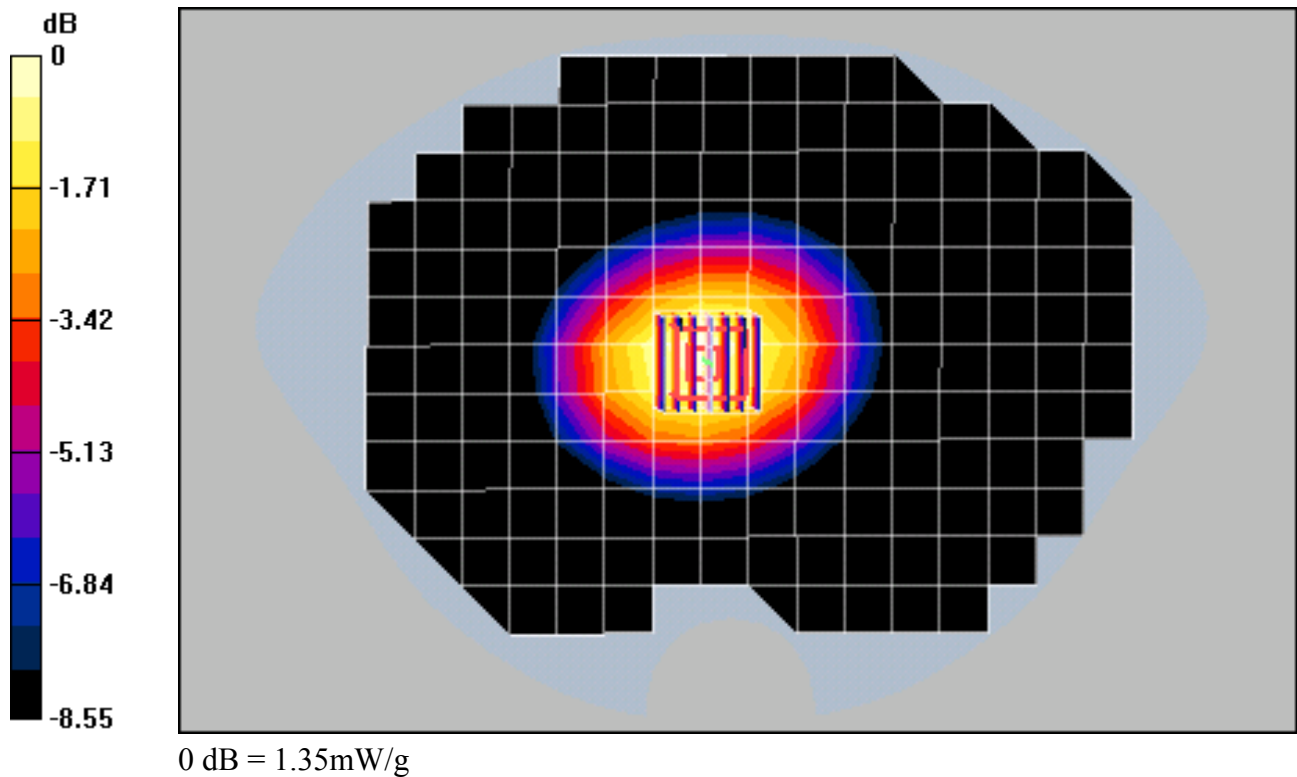
Reference Value = 38.3 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.915 mW/g

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

Maximum value of SAR (measured) = 1.35 mW/g



KX160B #RSM4, AMPS Ch383 Flat, Phone Closed With Leather Case, Extended Battery

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

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

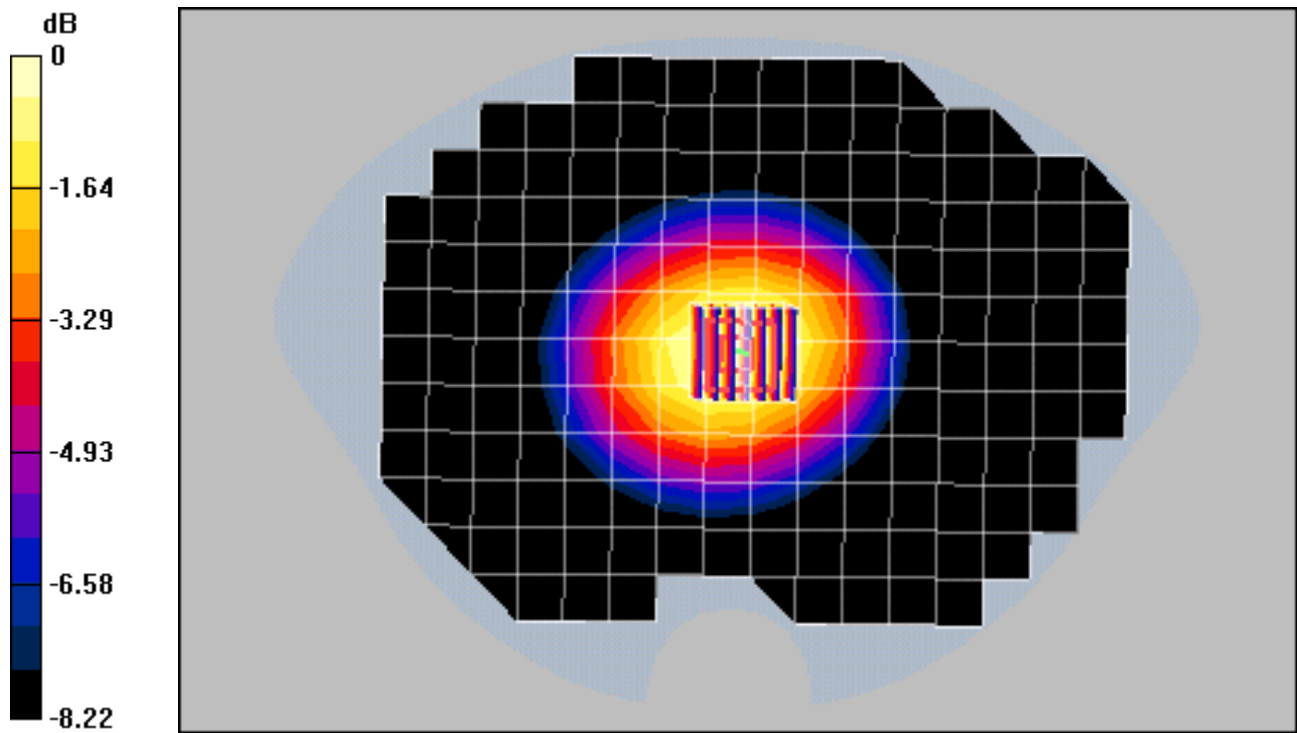
Reference Value = 27.7 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.813 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.478 mW/g

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

Maximum value of SAR (measured) = 0.681 mW/g



0 dB = 0.681mW/g

KX160B #RSM4, AMPS Ch383 Flat, Phone Open, 25mm Air Space With Bluetooth On

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

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

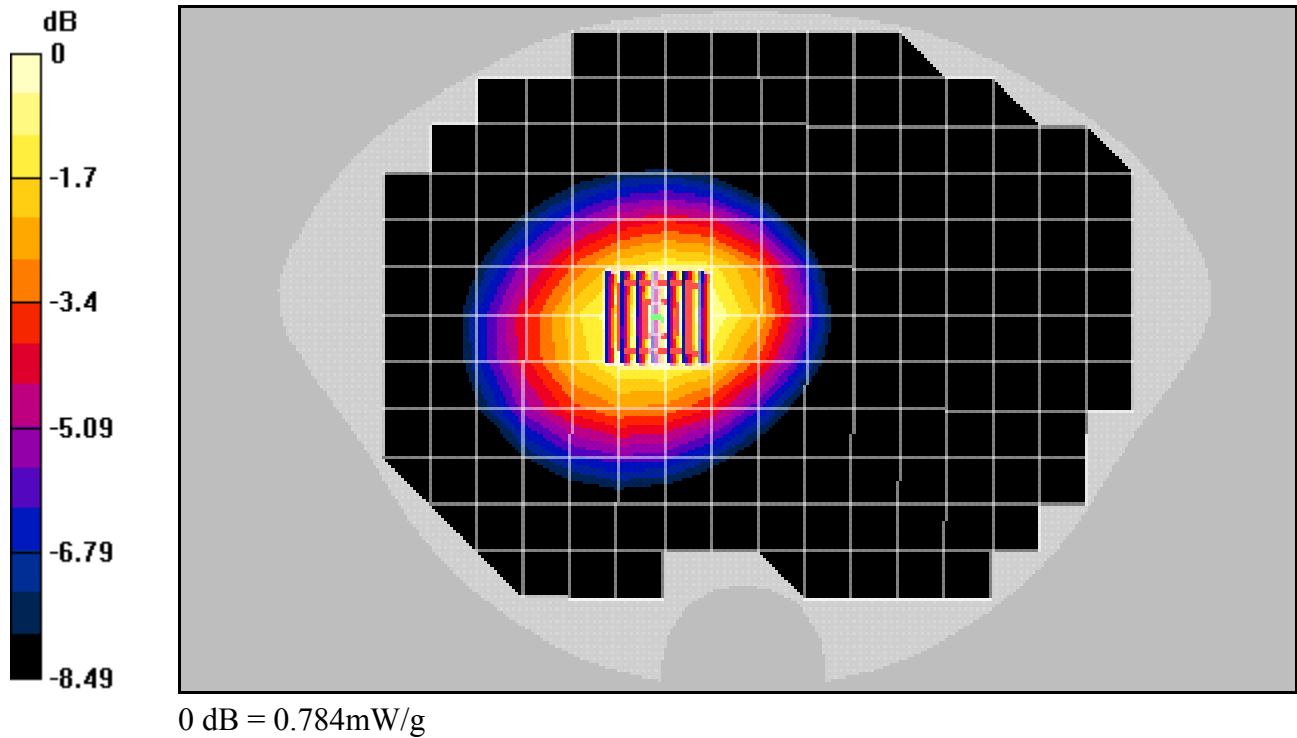
Reference Value = 23.5 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.542 mW/g

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

Maximum value of SAR (measured) = 0.784 mW/g



KX160B #RSM4, AMPS Ch799 Flat, Phone Open, Belt Clip With Bluetooth On

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 848.97$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

AMPS Ch799/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

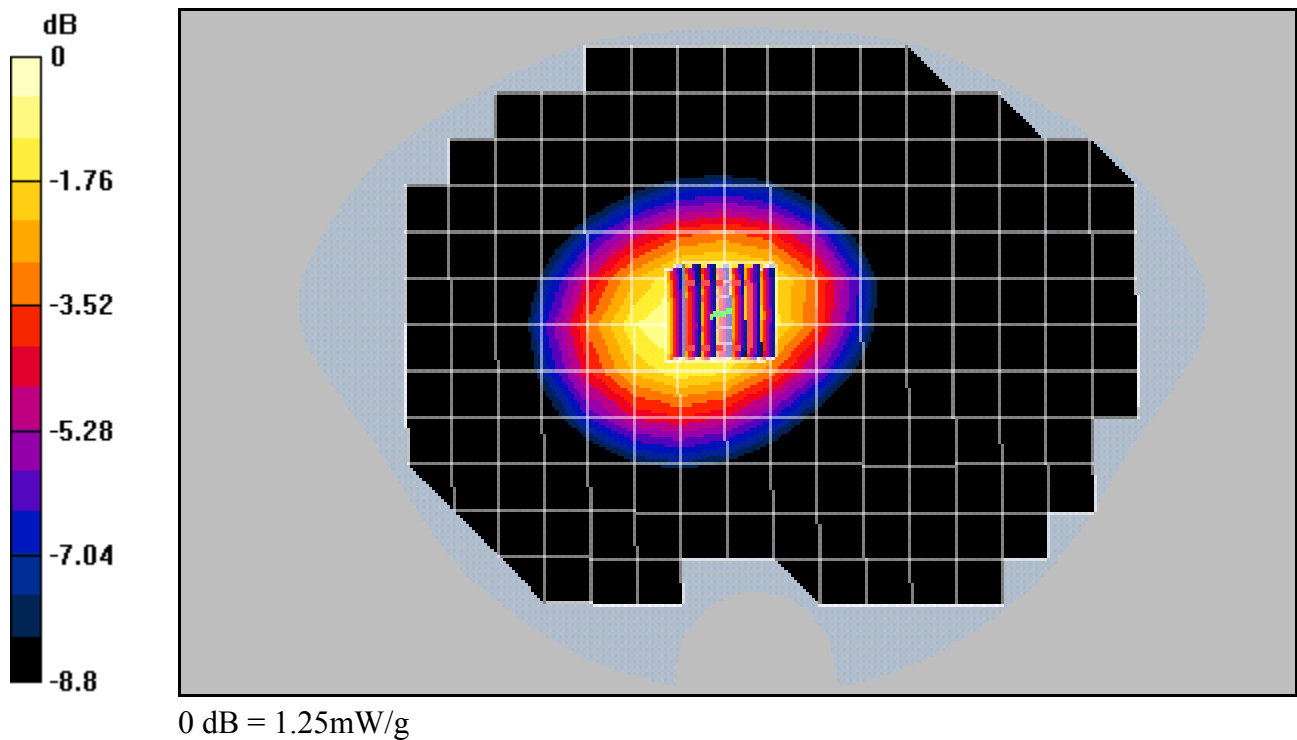
Reference Value = 31.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.850 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

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



KX160B #RSM4, AMPS Ch383 Flat, Phone Open, Leather Case With Bluetooth On

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

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

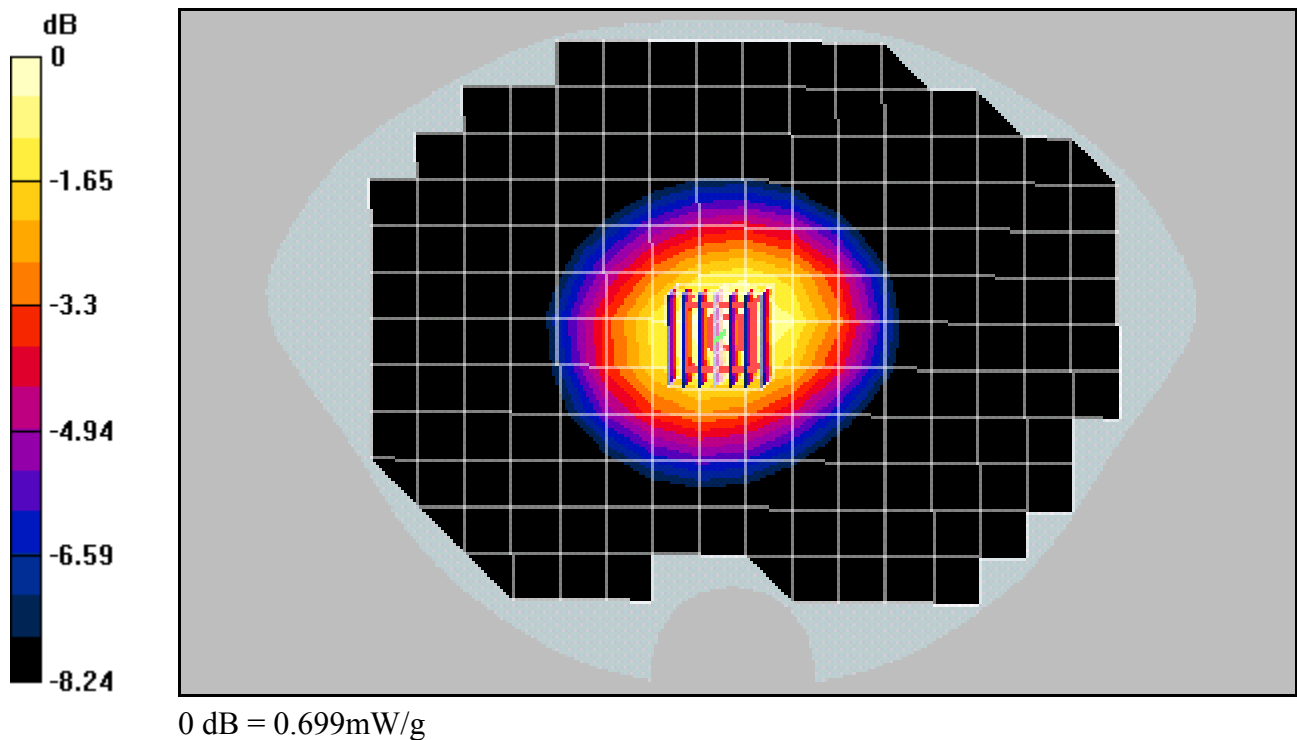
Reference Value = 27.6 V/m; Power Drift = 0.1 dB

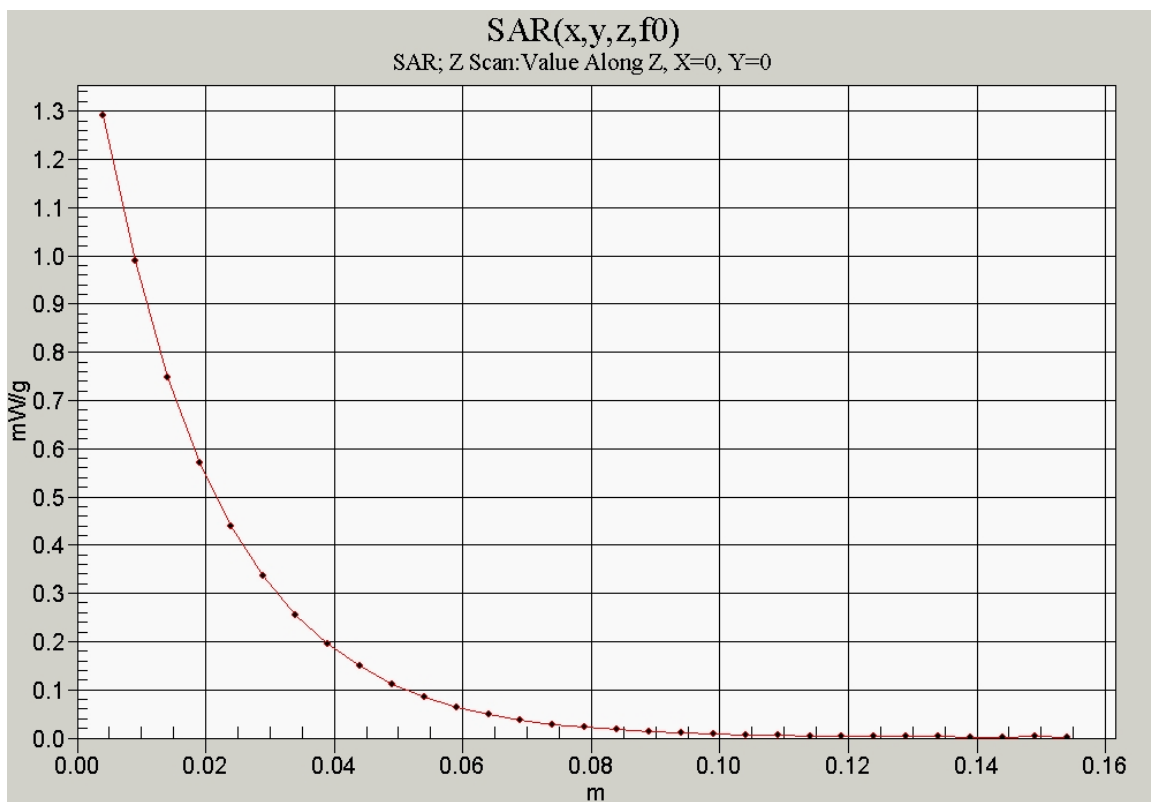
Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.479 mW/g

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

Maximum value of SAR (measured) = 0.699 mW/g





KX160B #RSM4, AMPS Ch383 Flat, Phone Closed, 25mm Air Space With Standard Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

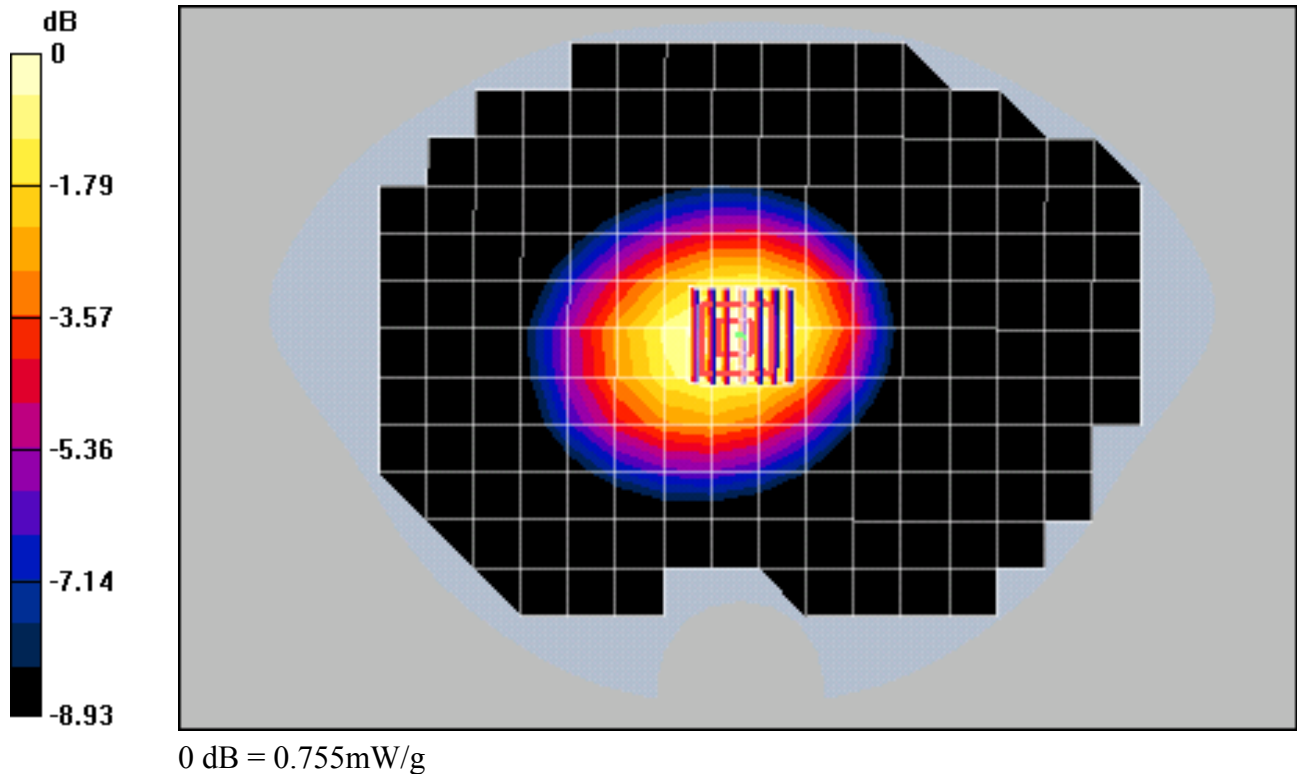
CDMA Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.3 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.515 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.755 mW/g



KX160B #RSM4, CDMA-800 Ch1013 Flat, Phone Closed, Belt Clip With Standard Battery

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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 Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

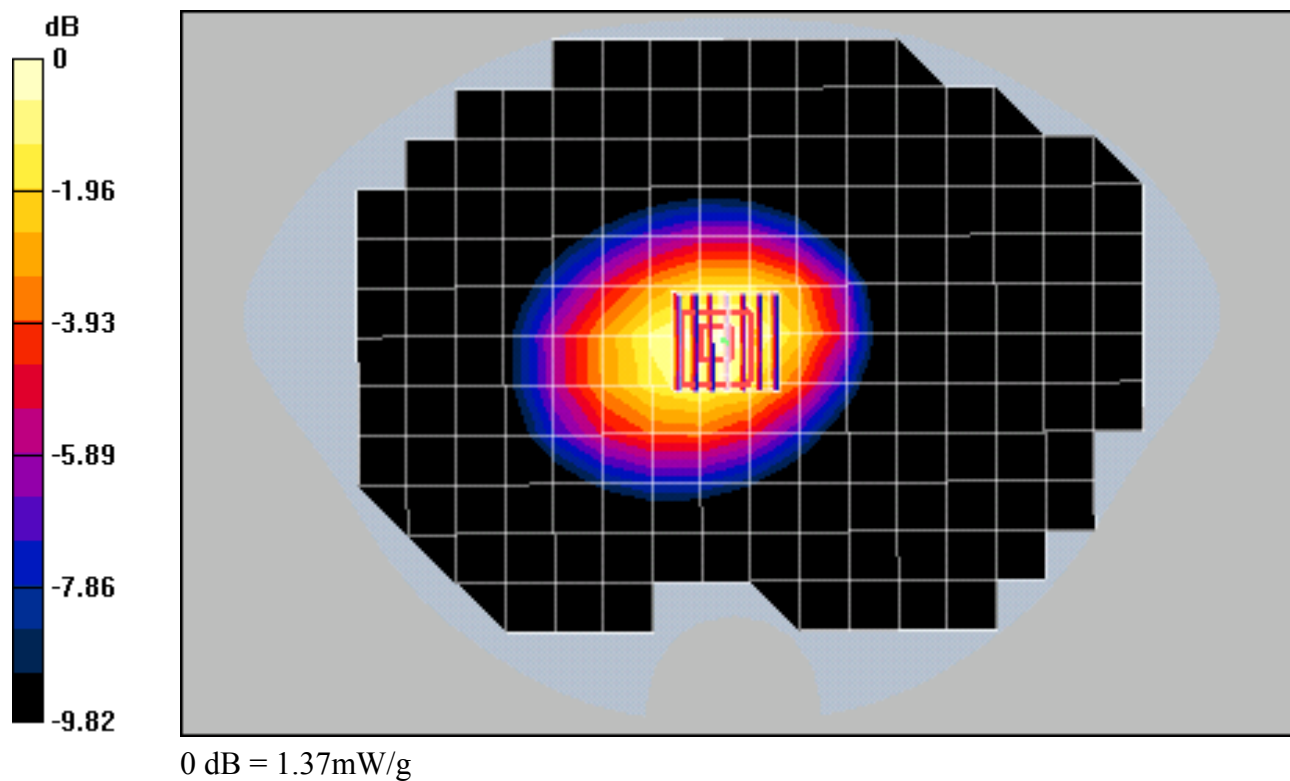
Reference Value = 36.8 V/m; Power Drift = 0.2 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.909 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.37 mW/g



KX160B #RSM4, CDMA-800 Ch383 Flat, Phone Closed, Leather Case With Standard Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

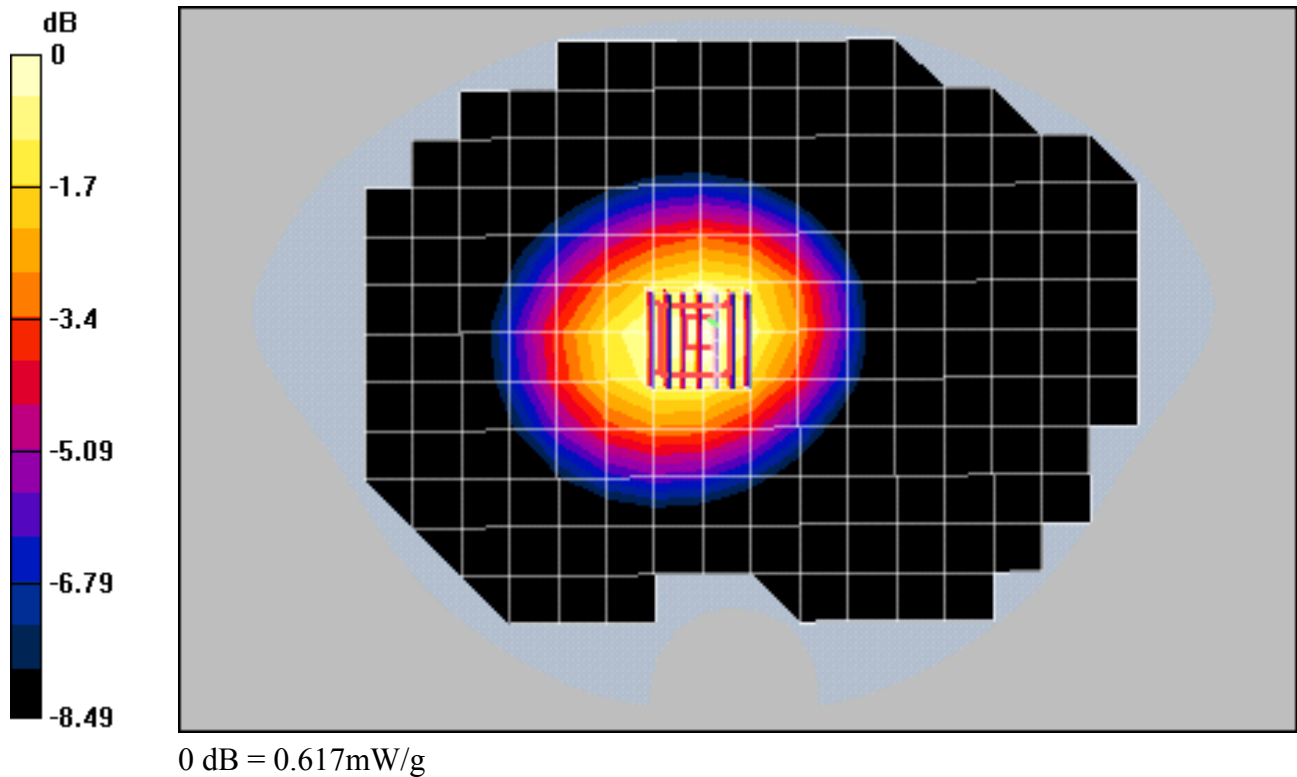
Reference Value = 24.8 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.429 mW/g

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

Maximum value of SAR (measured) = 0.617 mW/g



KX160B #RSM4, CDMA-800 Ch383 Flat, Phone Open, 25mm Air Space With Standard Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

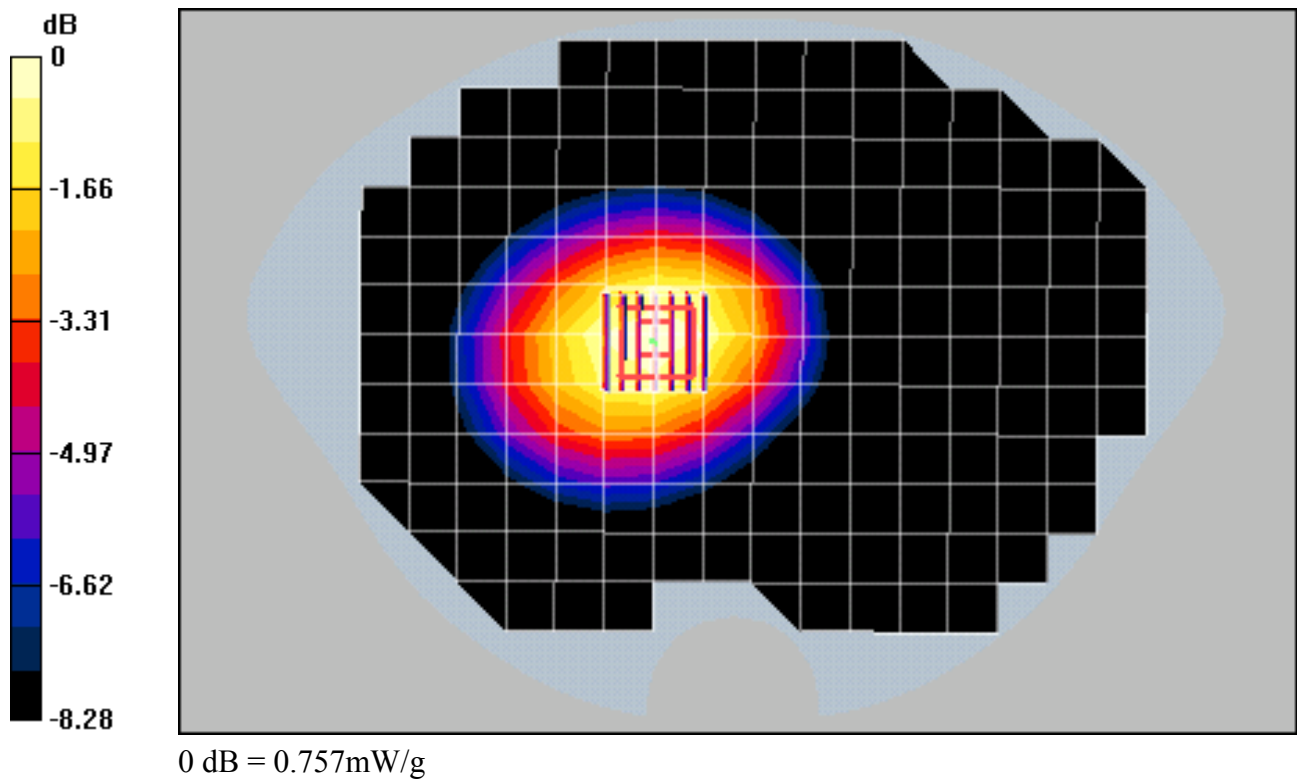
Reference Value = 23.2 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.527 mW/g

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

Maximum value of SAR (measured) = 0.757 mW/g



KX160B #RSM4, CDMA-800 Ch777 Flat, Phone Open, Belt Clip With Extended Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

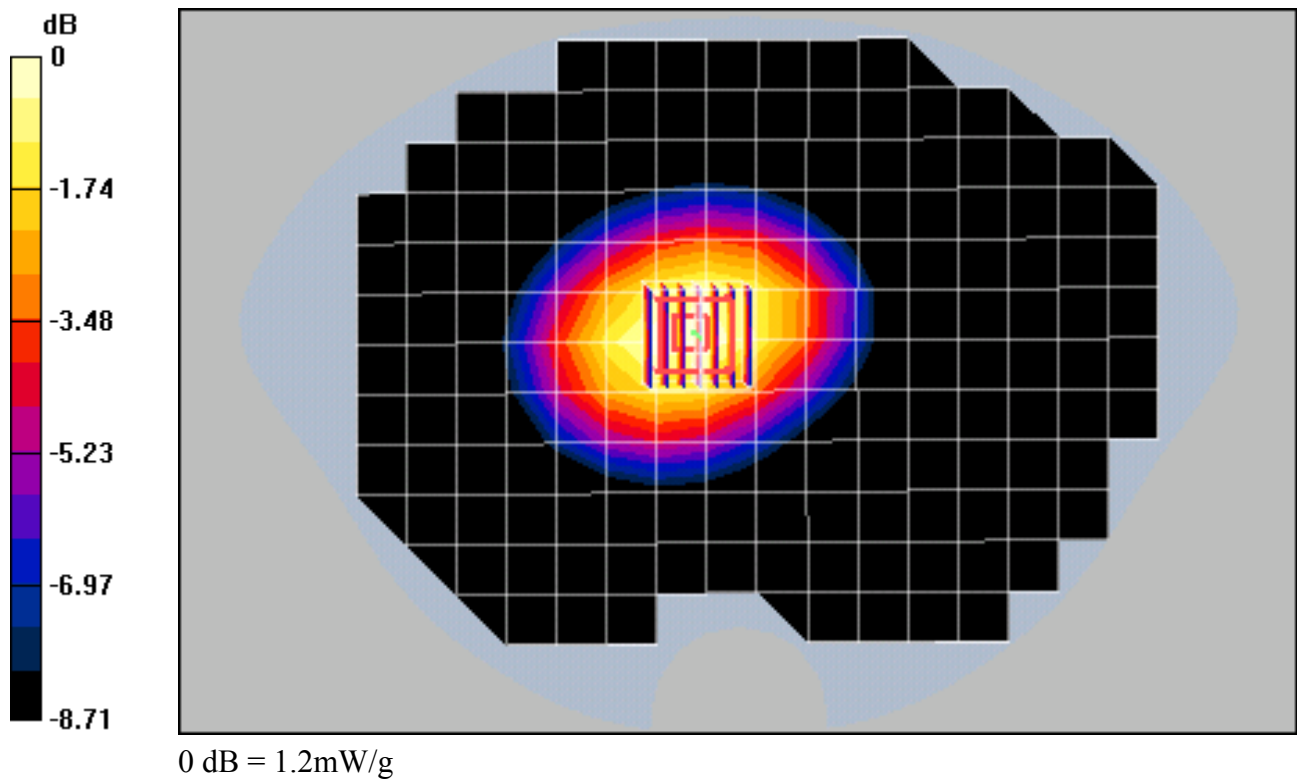
Reference Value = 31 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.808 mW/g

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

Maximum value of SAR (measured) = 1.2 mW/g



KX160B #RSM4, CDMA-800 Ch383 Flat, Phone Open, Leather Case With Standard Battery

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

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.927$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(5.98, 5.98, 5.98), Calibrated: 5/19/2005

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

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

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

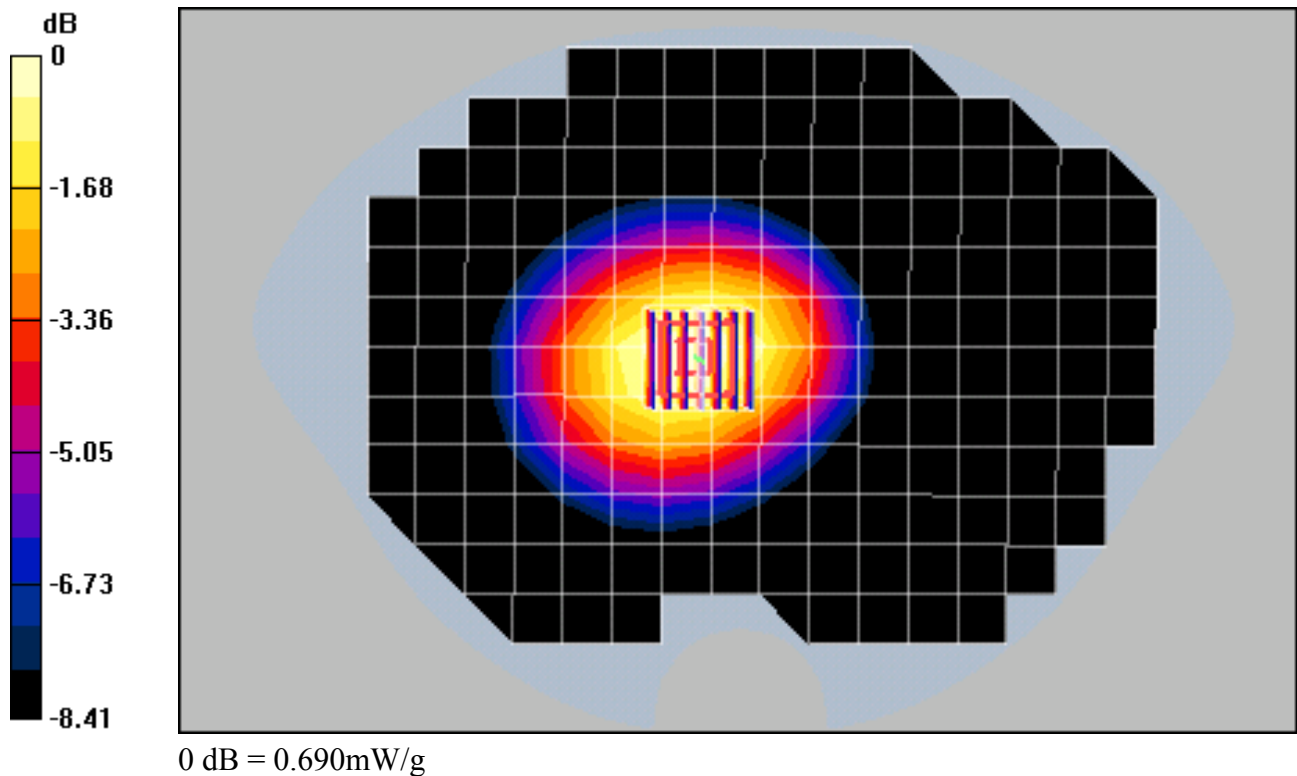
CDMA Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

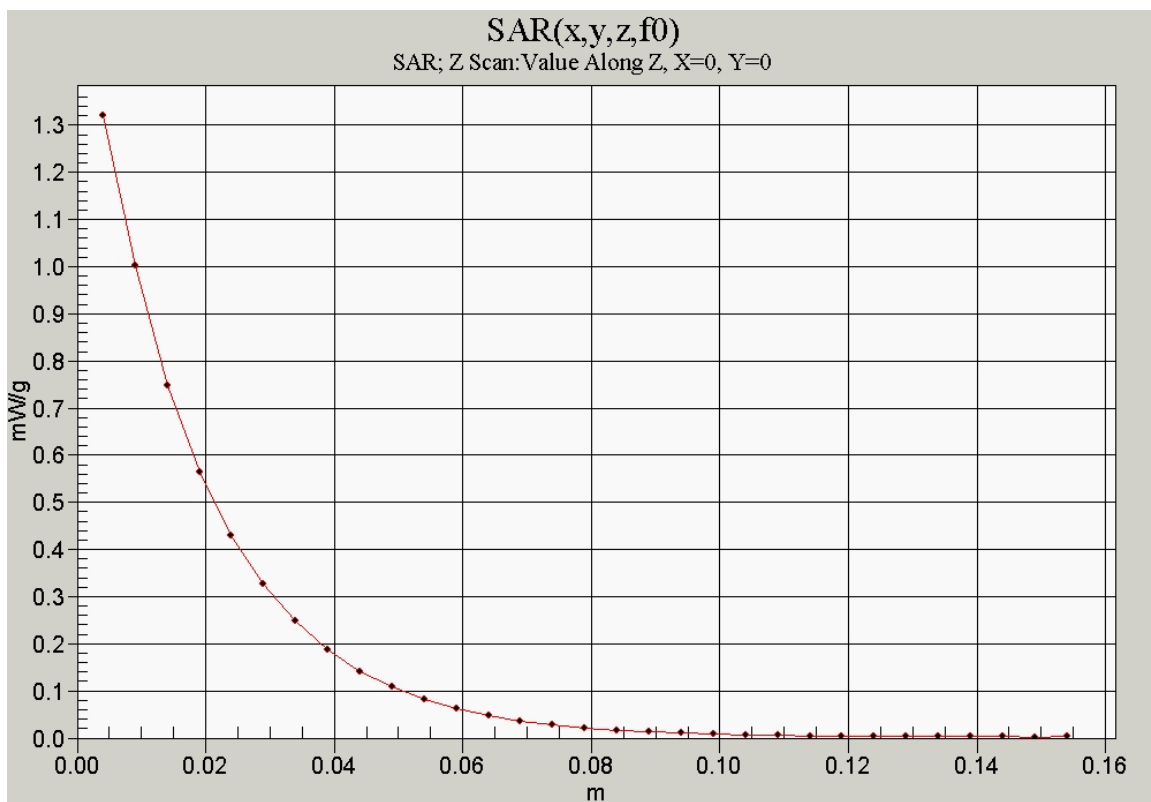
Reference Value = 25.8 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.830 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.481 mW/g

Info: Interpolated medium parameters used for SAR evaluation!





KX160B #RSM4, CDMA-1900 Ch600 Flat, Phone Closed, 25mm Air Space With Standard Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(4.62, 4.62, 4.62), Calibrated: 5/19/2005

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

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

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

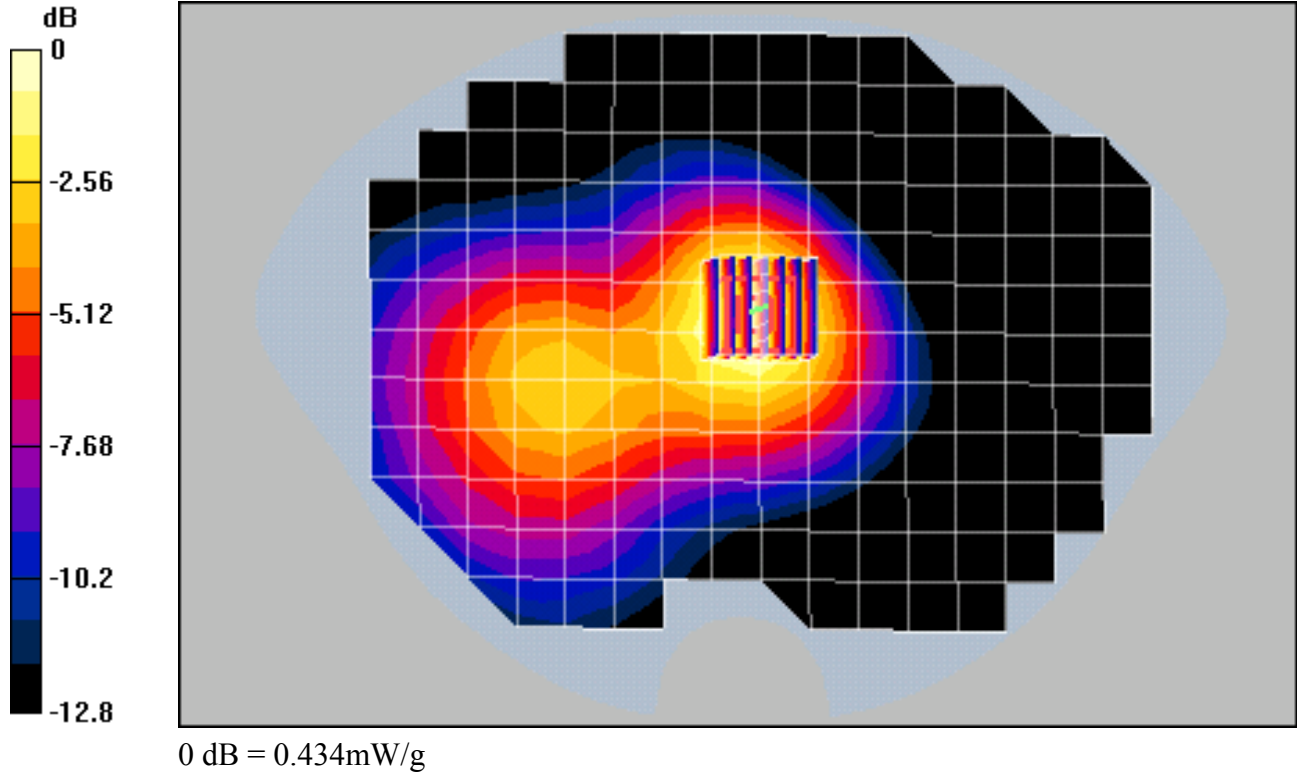
CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



KX160B #RSM4, CDMA-1900 Ch600 Flat, Phone Closed, Belt Clip With Bluetooth On

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(4.62, 4.62, 4.62), Calibrated: 5/19/2005

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

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

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

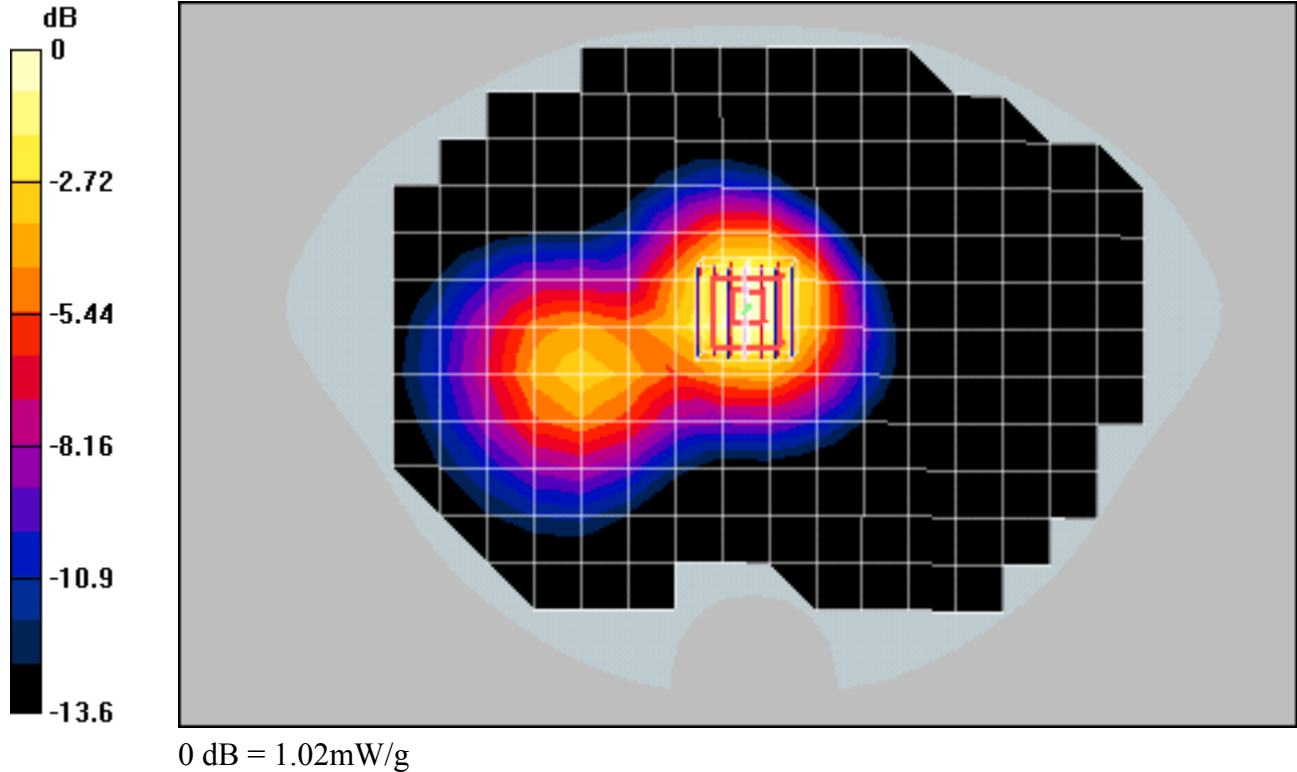
CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.592 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



KX160B #RSM4, CDMA-1900 Ch600 Flat, Phone Closed, Leather Case With Bluetooth On**Communication System:** PCS-1900, Frequency: 1880 MHz, Duty Cycle: 1:1**Medium:** M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³**Phantom:** SAM 12, Phantom section: Flat Section**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(4.62, 4.62, 4.62), Calibrated: 5/19/2005

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

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

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

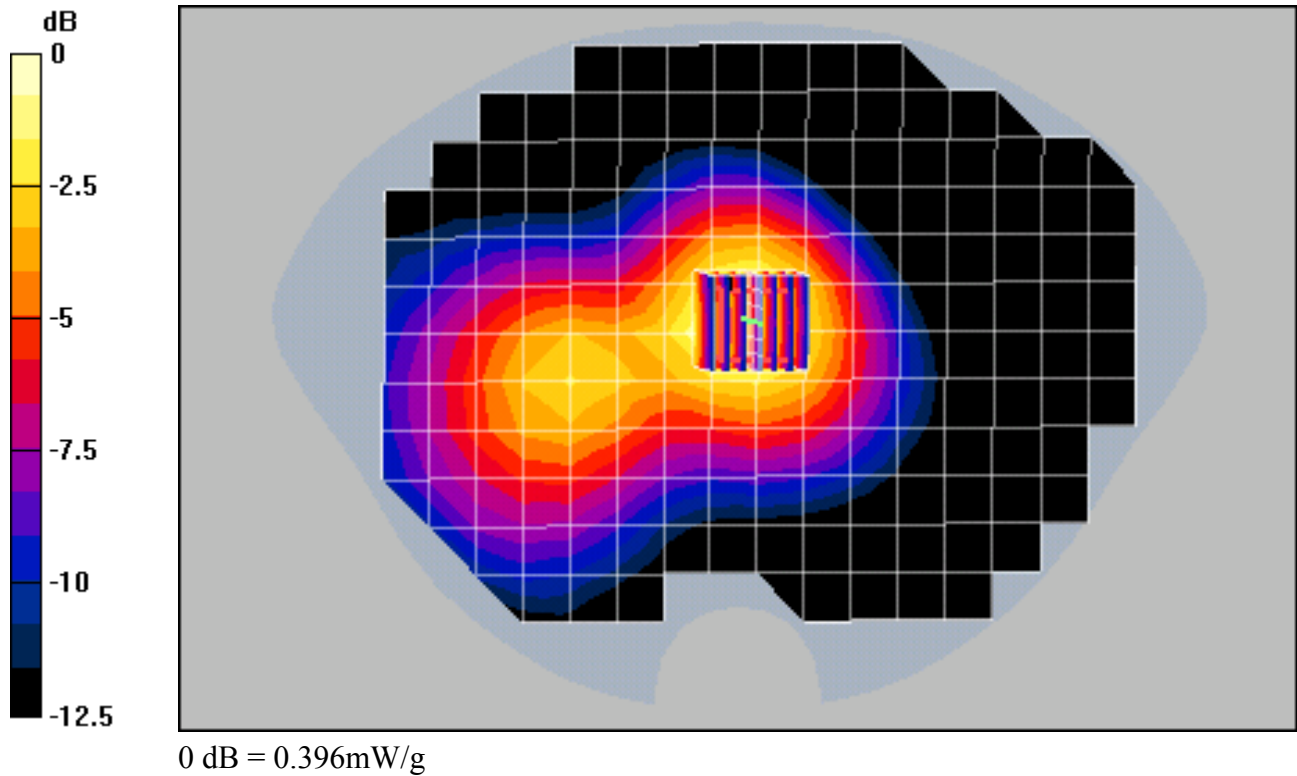
CDMA-1900 Ch600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.396 mW/g



Test Laboratory: Kyocera

KX160B #RSM4, CDMA-1900 Ch600 FLAT Phone Open, 25mm Air Space, Standard Battery**Communication System:** PCS-1900, Frequency: 1880 MHz, Duty Cycle: 1:1**Medium:** M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³**Phantom:** SAM 12, Phantom section: Flat Section**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(4.62, 4.62, 4.62), Calibrated: 5/19/2005

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

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

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

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

Reference Value = 13.4 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.316 mW/g

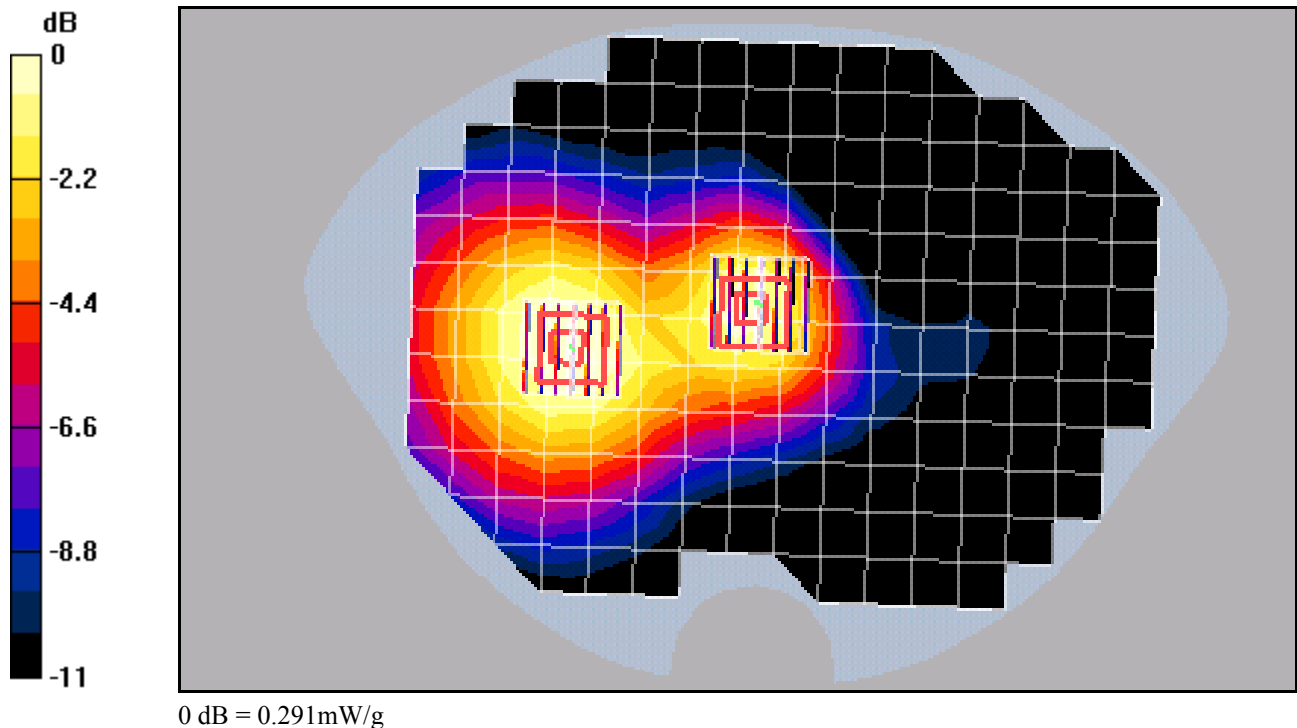
PCS-1900 Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



Test Laboratory: Kyocera

KX160B #RSM4, CDMA-1900 Ch600 FLAT Phone Open, Belt Clip, Extended Battery**Communication System:** PCS-1900, Frequency: 1880 MHz, Duty Cycle: 1:1**Medium:** M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³**Phantom:** SAM 12, Phantom section: Flat Section**DASY4 Configuration:**

Probe: ET3DV6 - SN1713, ConvF(4.62, 4.62, 4.62), Calibrated: 5/19/2005

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

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

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

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

Reference Value = 15.7 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.882 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.412 mW/g

Maximum value of SAR (measured) = 0.664 mW/g

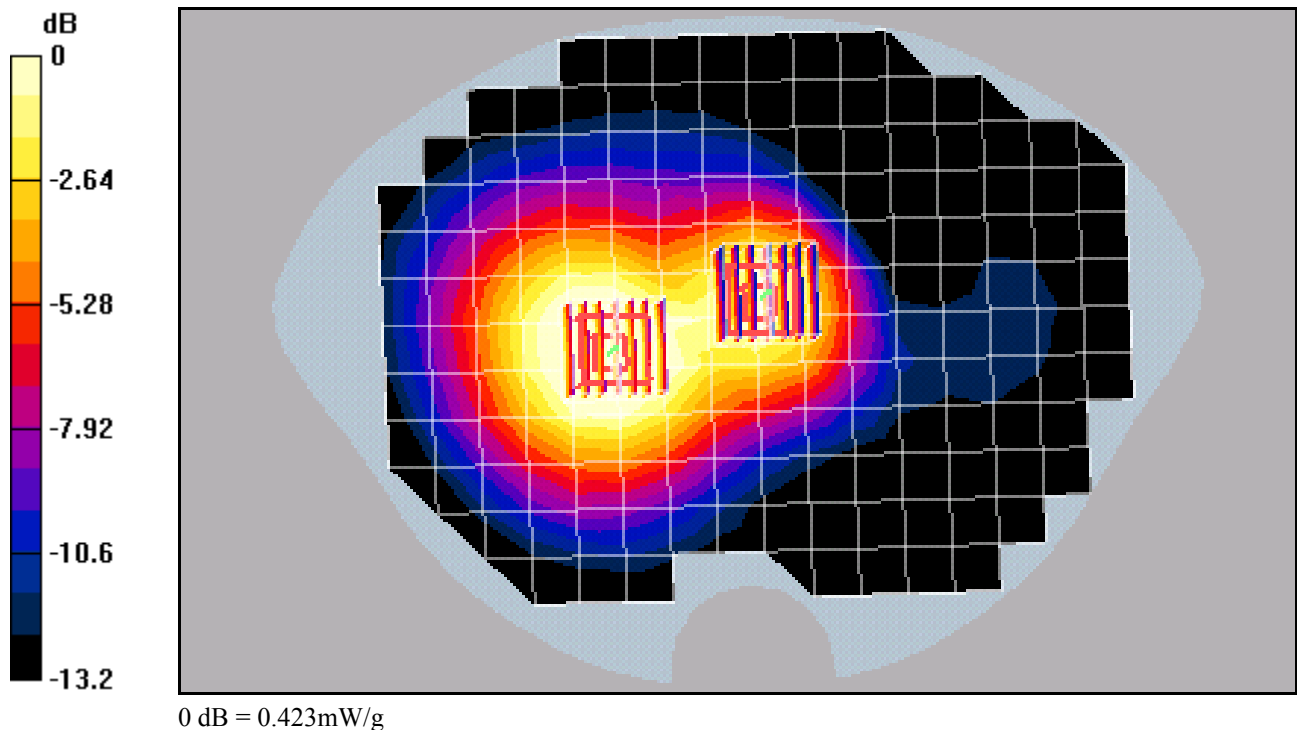
PCS-1900 Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.423 mW/g



Test Laboratory: Kyocera

KX160B #RSM4, CDMA-1900 Ch600 FLAT Phone Open, Leather Case, Standard Battery

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

Medium: M1800, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1713, ConvF(4.62, 4.62, 4.62), Calibrated: 5/19/2005

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

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

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

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

Reference Value = 13.1 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.203 mW/g

Maximum value of SAR (measured) = 0.319 mW/g

PCS-1900 Ch600/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.290 mW/g

