Appendix B2:

SAR Distribution Plots (Body)

Test Laboratory: Kyocera

KX5-5X0 #TQSR, AMPS ch383 Flat Phone Closed, 25mm Air Space with Standard Battery and Bluetooth On

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

Medium: M900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.93 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3

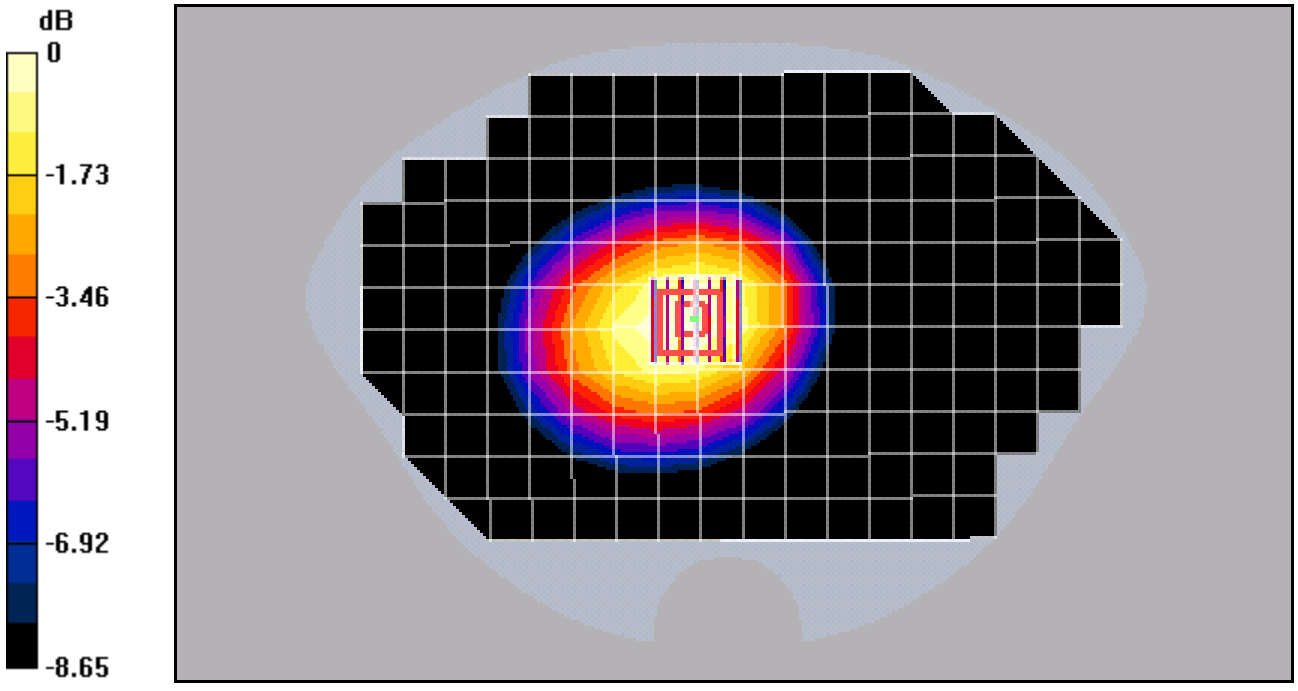
Phantom: SAM 12,Phantom section: Flat Section

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

Reference Value = 24 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.386 mW/g



0 dB = 0.555mW/g

Test Laboratory: Kyocera

KX5-5X0 #TQSR, AMPS ch383 Flat Phone Closed, Leather Case with Standard Battery

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

Medium: M900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.92 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

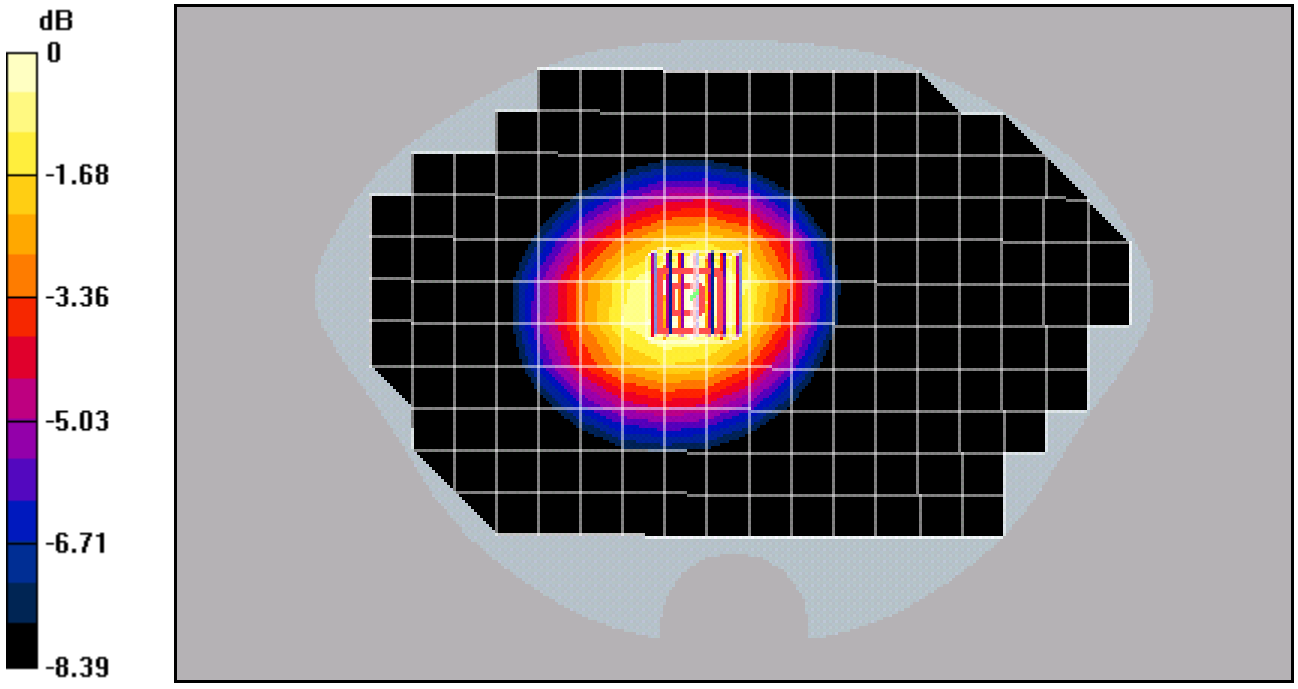
Phantom: SAM 12,Phantom section: Flat Section

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 FLAT 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) = 0.745 W/kg
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.437 mW/g



0 dB = 0.623mW/g

Test Laboratory: The name of your organization

KX5-5X0 #TQSR, AMPS ch991 Flat Phone Closed, Belt Clip with Extended Battery

Communication System: AMPS, Frequency: 824.04 MHz, Duty Cycle: 1:1

Medium: M900,Medium parameters used (interpolated): f = 824.04 MHz; σ = 0.92 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

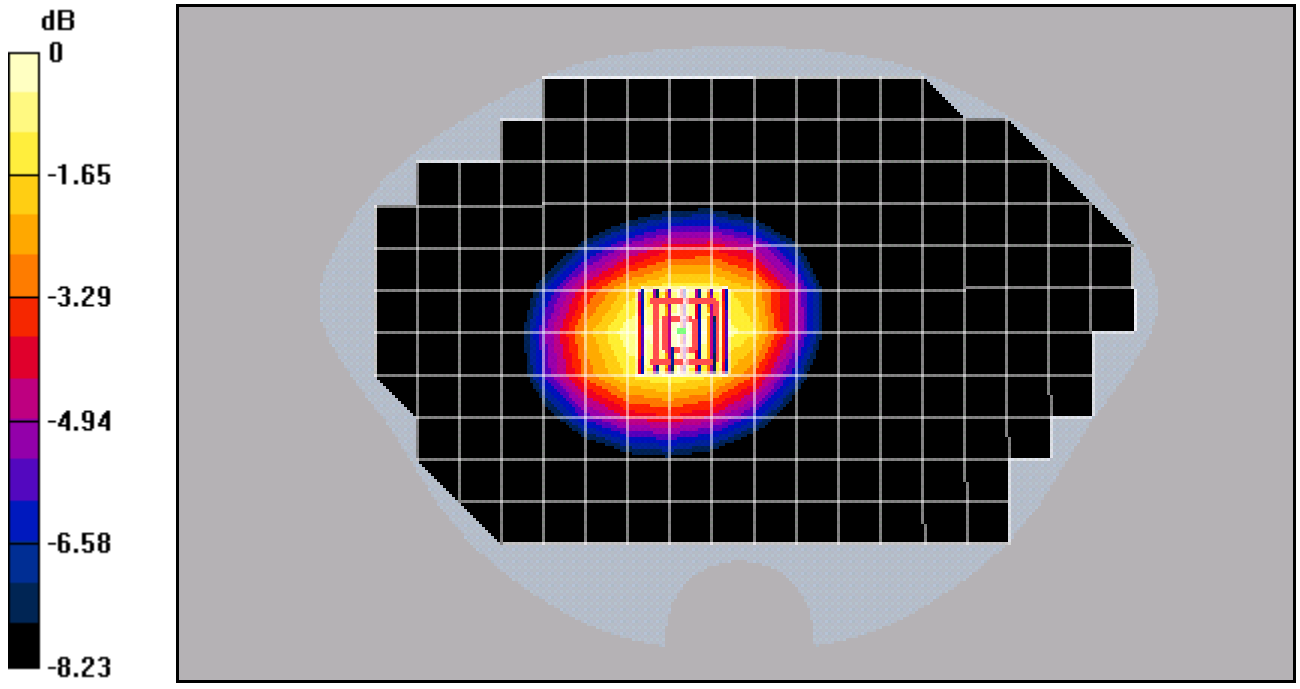
Phantom: SAM 12,Phantom section: Flat Section

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

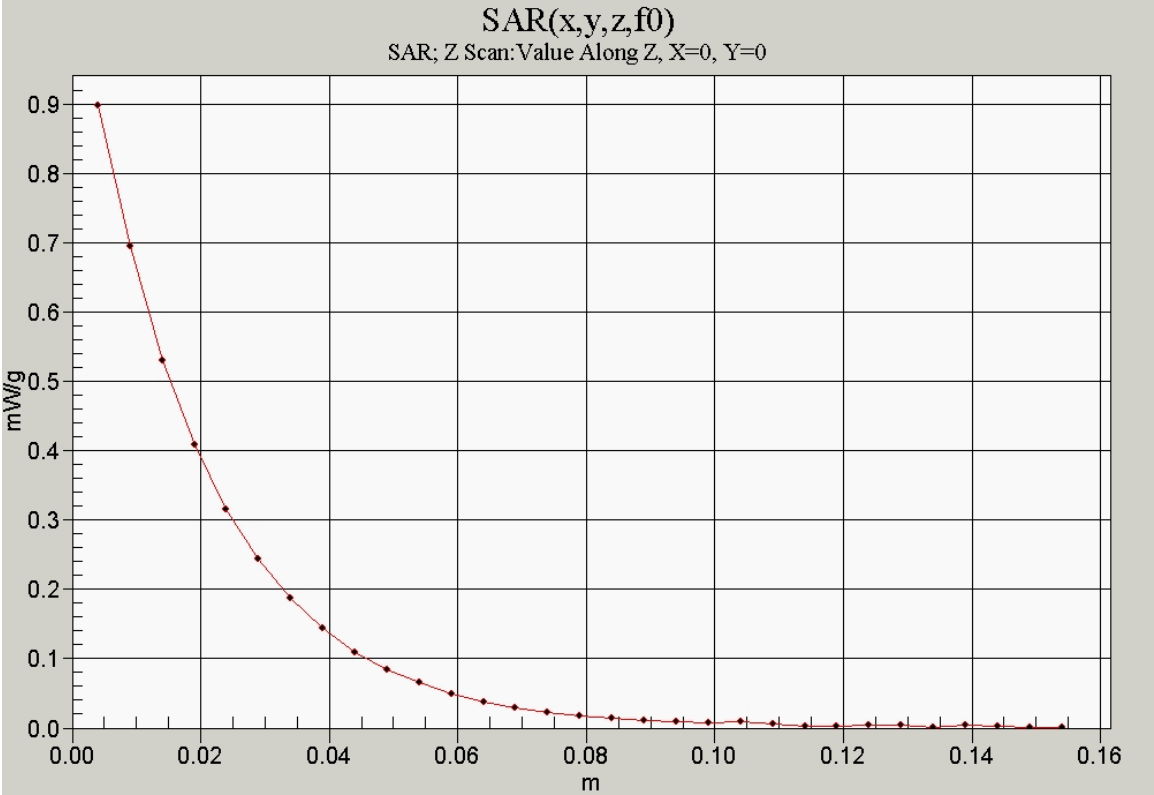
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

AMPS FLAT Ch991/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.631 mW/g



0 dB = 0.907mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

Test Laboratory: Kyocera

KX5-5X0 #TQSR, CDMA-800 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; σ = 0.93 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3

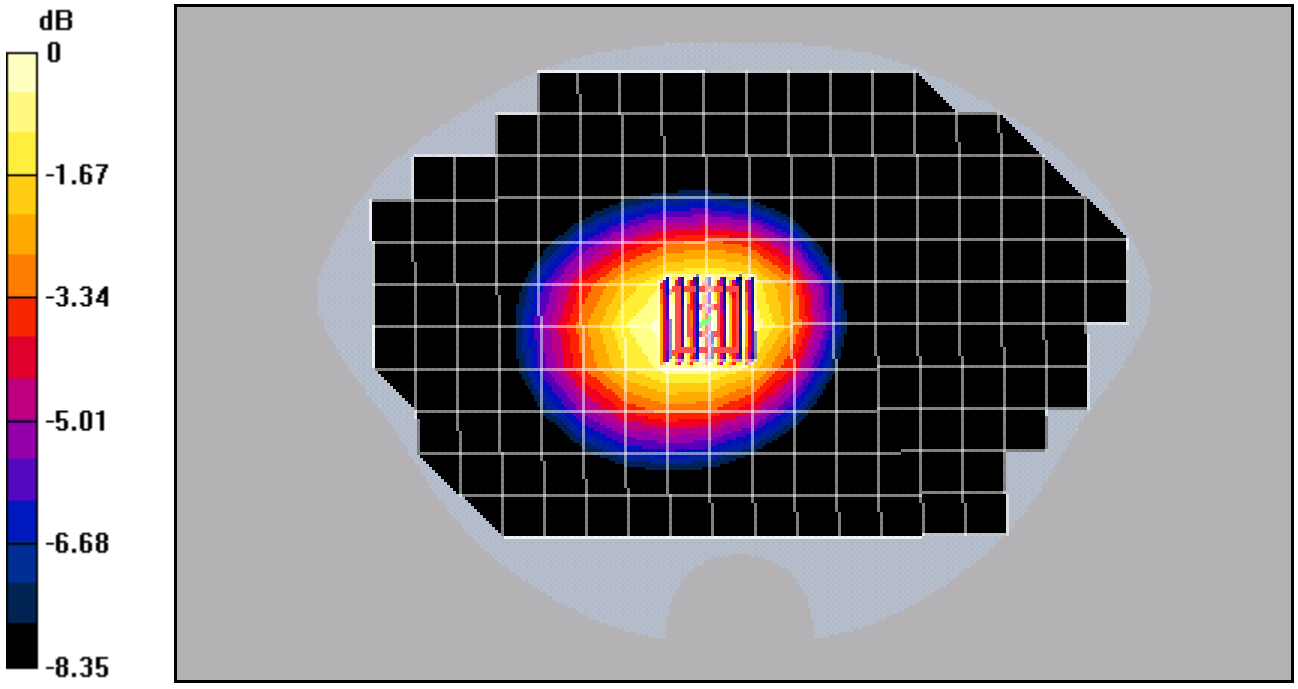
Phantom: SAM 12,Phantom section: Flat Section

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

Reference Value = 24.4 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.373 mW/g



0 dB = 0.534mW/g

Test Laboratory: Kyocera

KX5-5X0 #TQSR, 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; σ = 0.92 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

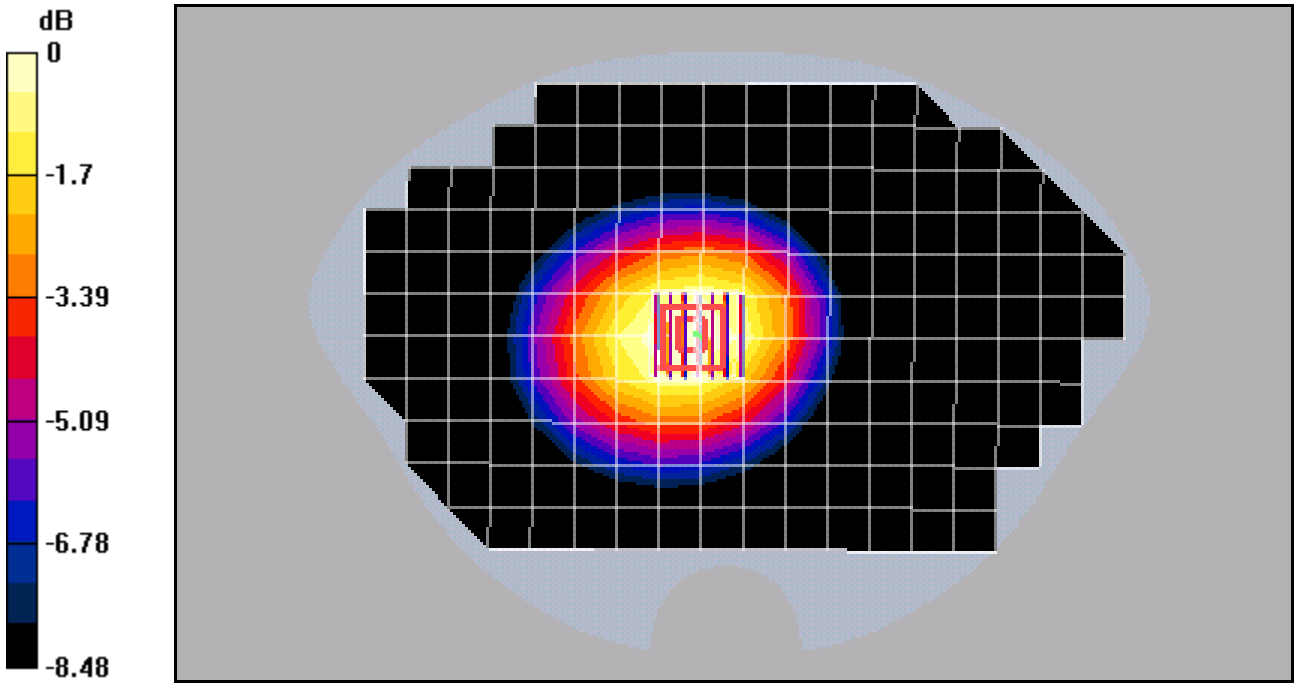
Phantom: SAM 12,Phantom section: Flat Section

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

Reference Value = 22 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.315 mW/g



0 dB = 0.450mW/g

Test Laboratory: Kyocera

KX5-5X0 #TQSR, CDMA-800 ch383 Flat Phone Closed, Belt Clip with Extended Battery

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

Medium: M900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.92 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3

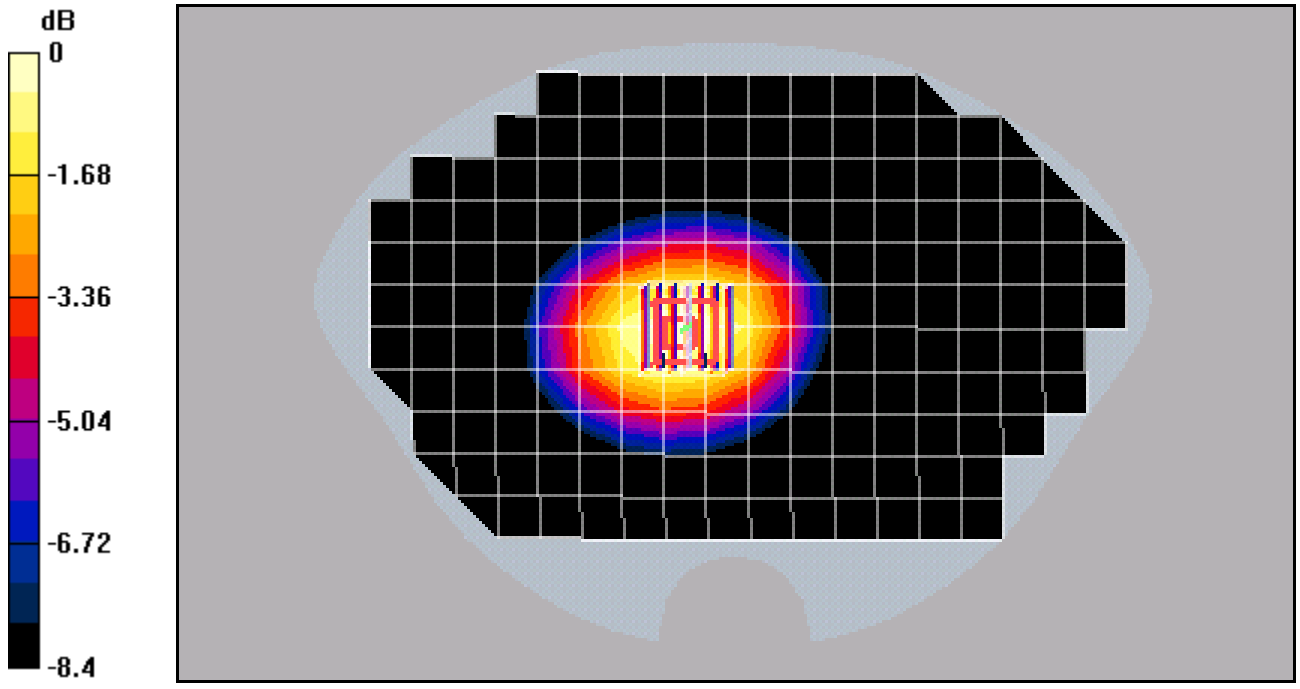
Phantom: SAM 12,Phantom section: Flat Section

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

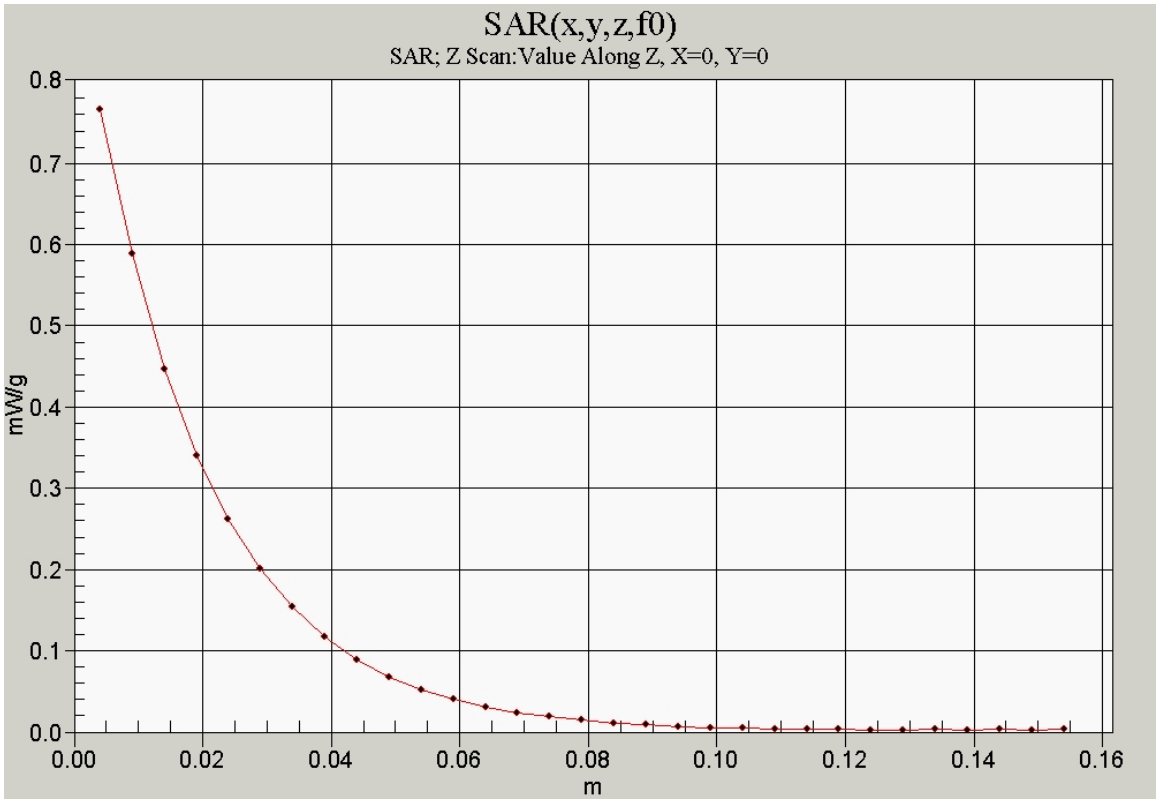
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

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

Reference Value = 27.7 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.541 mW/g



0 dB = 0.782mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

Test Laboratory: Kyocera

KX5-5X0 #TQSR, CDMA-1900 ch600 Flat Phone Closed, 25mm Air Space with Standard Battery

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

Medium: M1800,Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

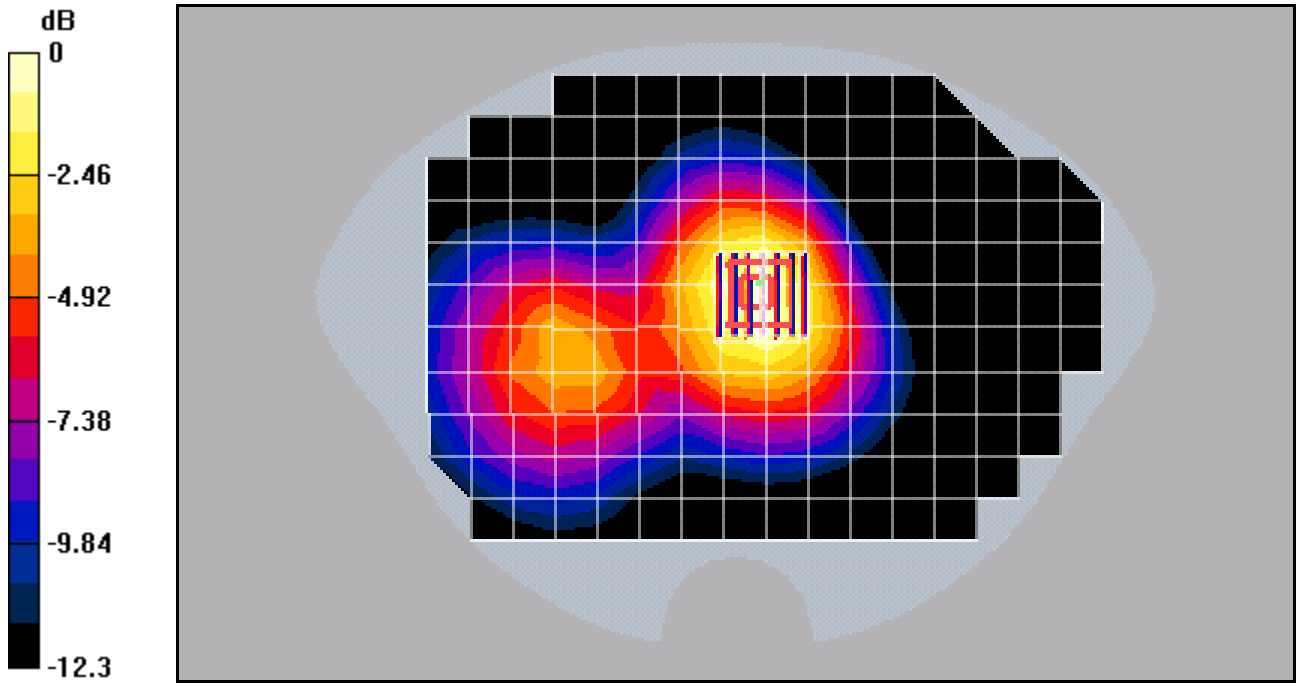
Phantom: SAM 12,Phantom section: Flat Section

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

Reference Value = 15.8 V/m; Power Drift = -0.0 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387mW/g

Test Laboratory: Kyocera

KX5-5X0 #TQSR, CDMA-1900 ch600 Flat Phone Closed, Leather Case with Standard Battery

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

Medium: M1800,Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

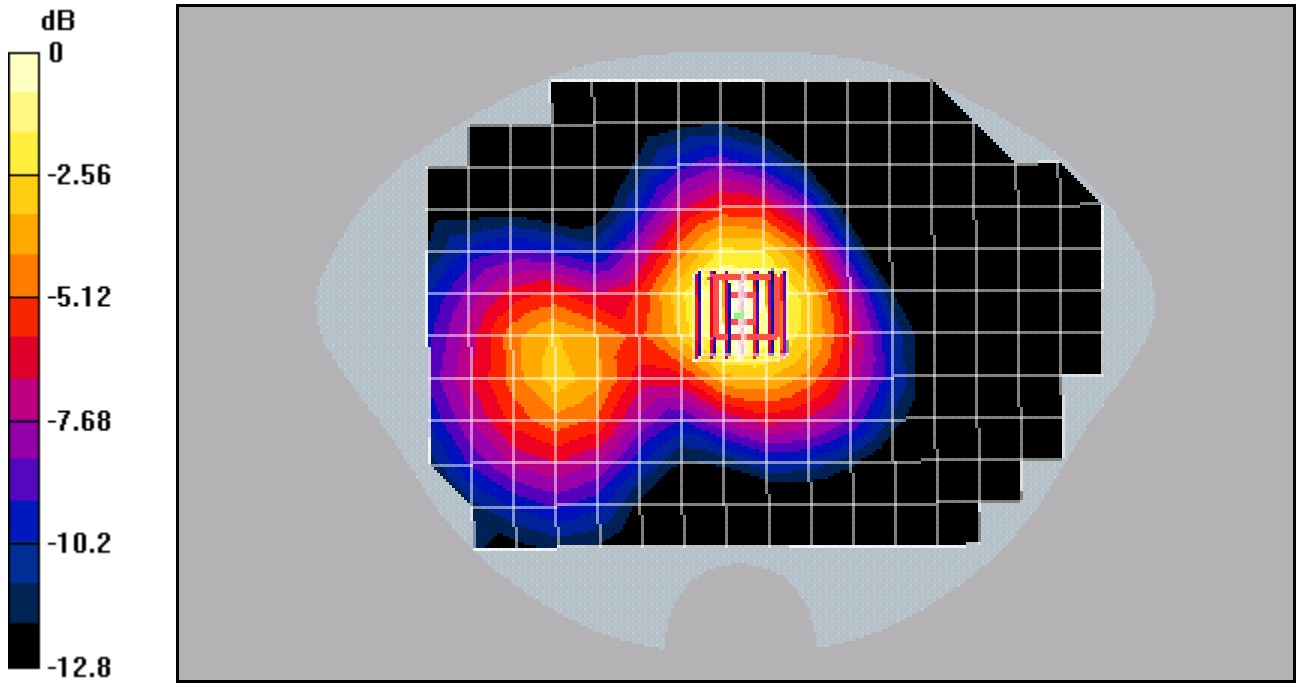
Phantom: SAM 12,Phantom section: Flat Section

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

Reference Value = 14 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



0 dB = 0.337mW/g

Test Laboratory: Kyocera

KX5-5X0 #TQSR, CDMA-1900 ch600 Flat Phone Closed, Belt Clip with Extended Battery

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

Medium: M1800,Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

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

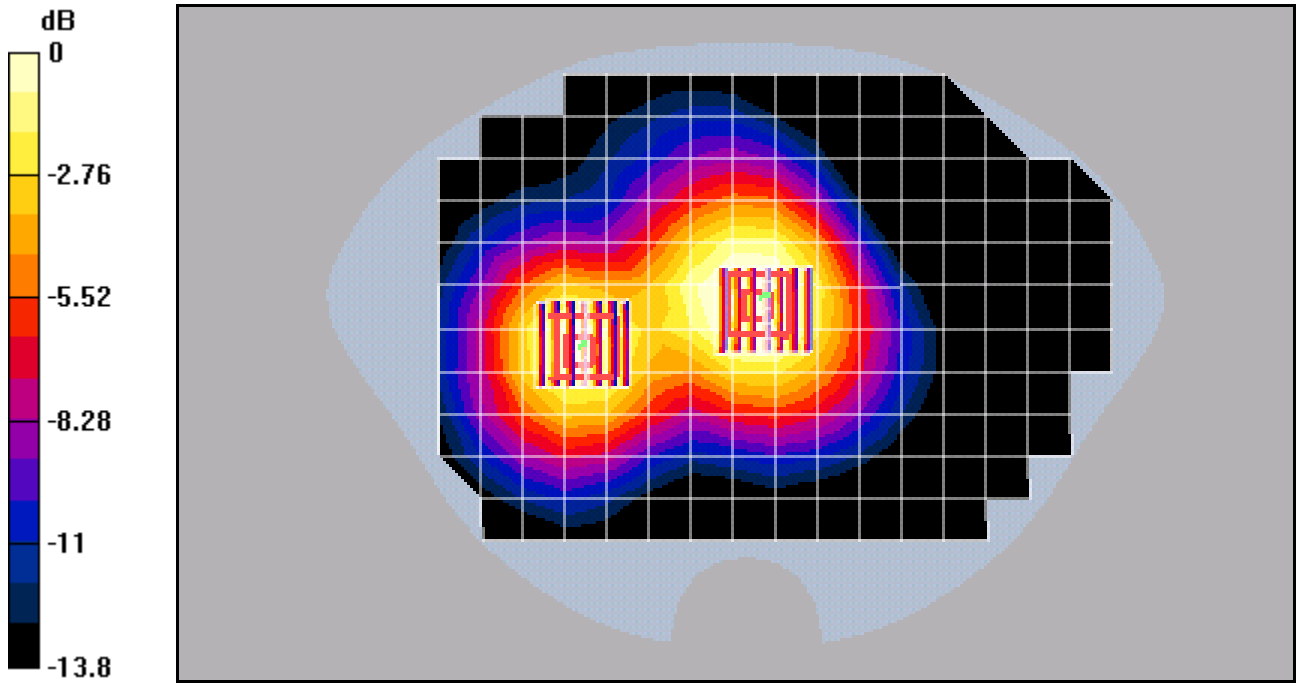
Temperature:
Room T = 21.8 +/– 1 deg C, Liquid T = 22.0 +/– 1 deg C

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

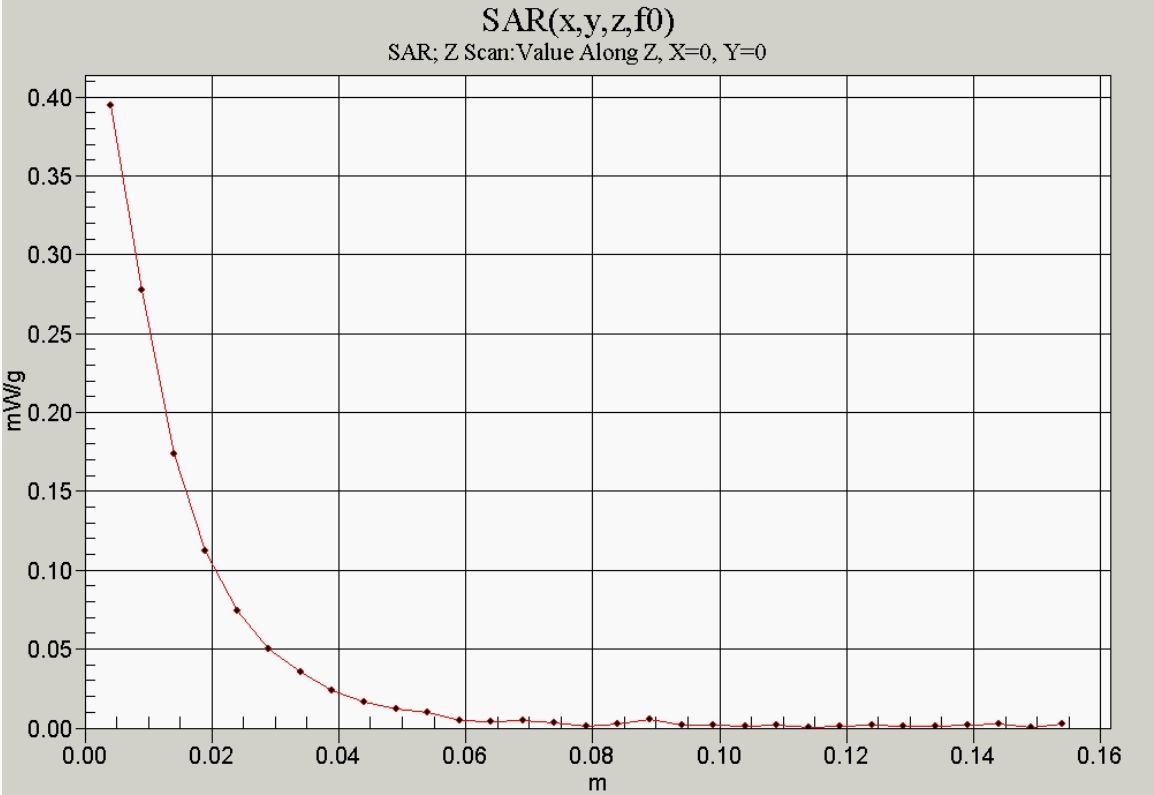
Reference Value = 17.6 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.475 mW/g

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

Reference Value = 17.6 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.375 mW/g



0 dB = 0.375mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m