APPENDIX B2:

AMPS

SAR Distribution Plots

Date/Time: 12/09/04 01:25:43

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch991 Left Cheek Phone Open Antenna Retracted

Communication System: AMPS, Frequency: 824.04 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 824.04 MHz, σ = 0.92 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Left Section

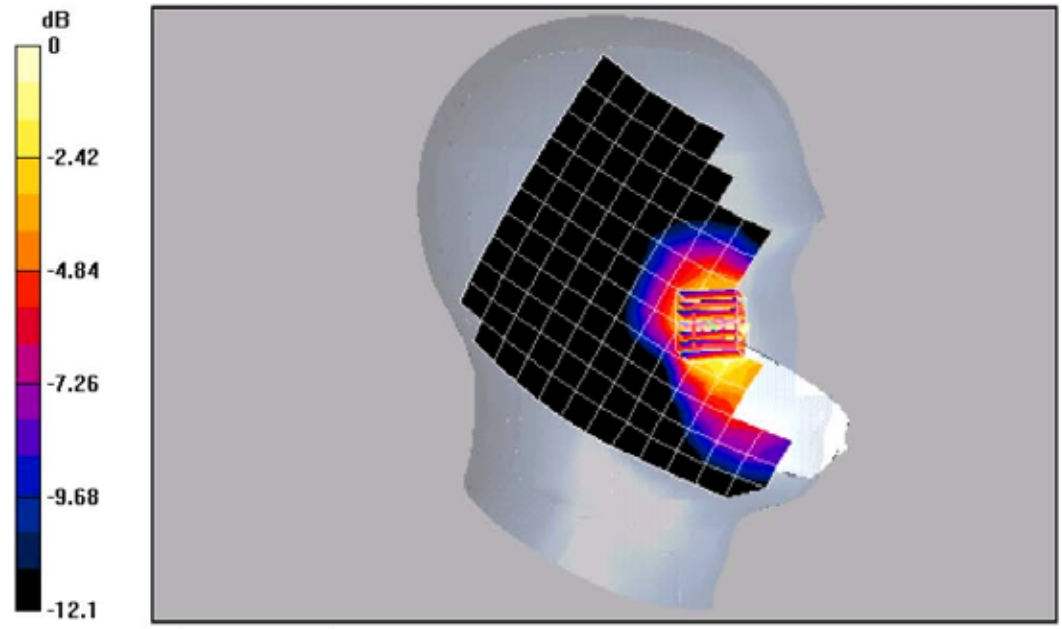
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

AMPS-800 Ch991 LCO RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.45 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.770 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Date/Time: 12/10/04 12:12:44

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch383 Left Tilt Phone Open Antenna Extended

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 836.49 MHz, σ = 0.91 mho/m, ε_r = 39.9, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Left Section

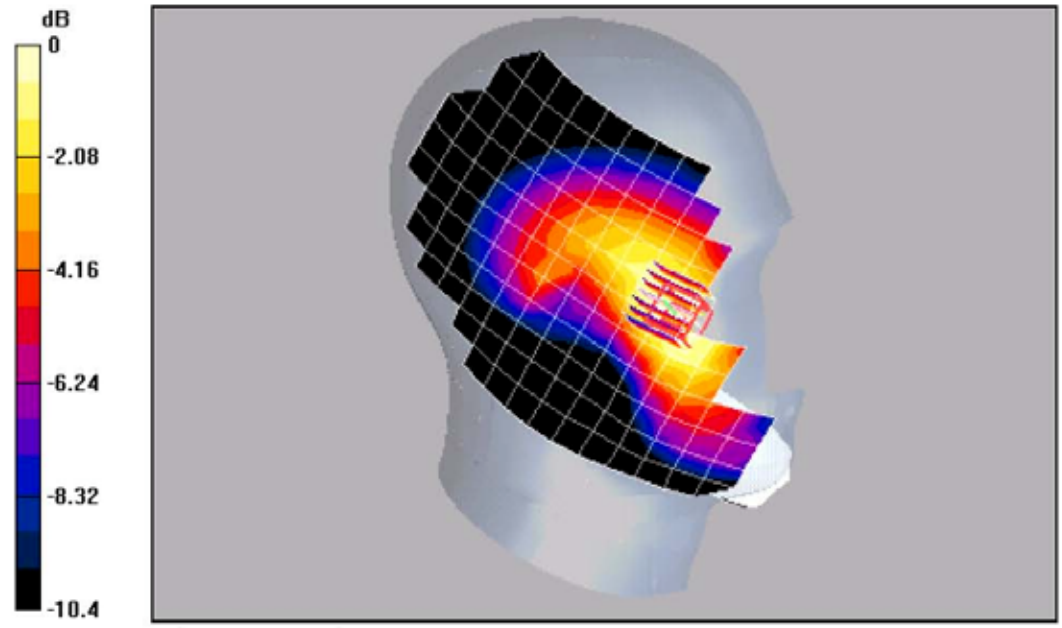
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

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

Reference Value = 11.9 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.181 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.263mW/g

Date/Time: 12/10/04 00:57:39

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch991 Right Cheek Phone Open Antenna Retracted

Communication System: AMPS, Frequency: 824.04 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 824.04 MHz; σ = 0.91 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

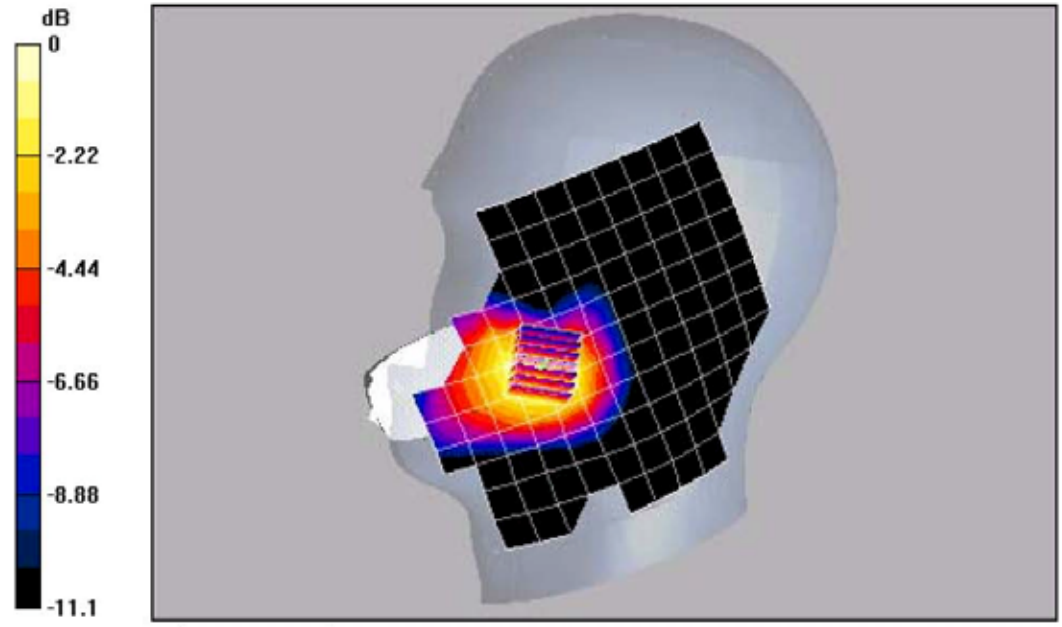
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

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

Reference Value = 7.7 V/m; Power Drift = 0.0 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.829 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31mW/g

Date/Time: 12/10/04 02:12:26

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch383 Right Tilt Phone Open Antenna Extended

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 836.49 MHz, σ = 0.91 mho/m, ε_r = 39.9, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

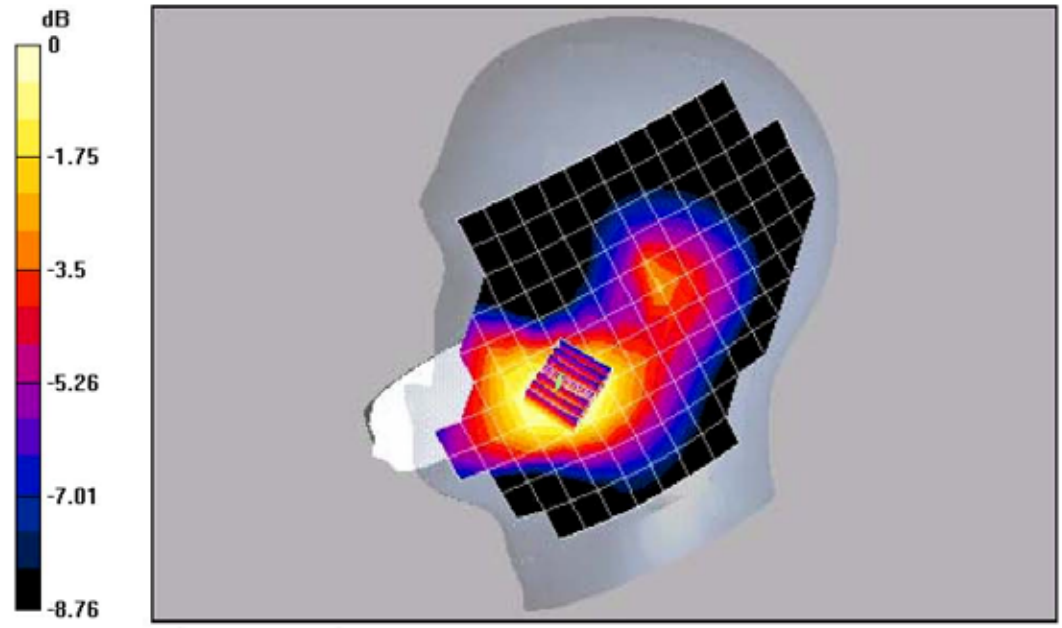
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

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

Reference Value = 12.9 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.162 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.222mW/g

Date/Time: 12/08/04 06:37:16

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch799, Left Cheek Phone Closed Antenna Retracted

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 848.97 MHz, σ = 0.937 mho/m, ε_r = 41.3, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

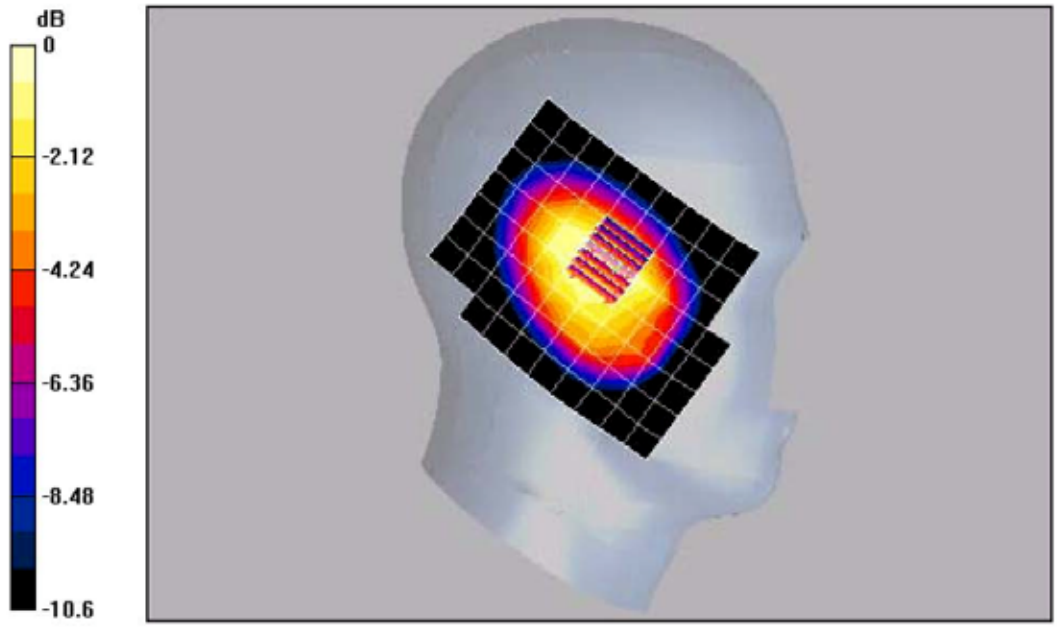
Temperature
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

AMPS-800 Ch799 LCC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 36.3 V/m; Power Drift = 0.1 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.884 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

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



0 dB = 1.35mW/g

Date/Time: 12/09/04 04:00:50

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch799 Left Tilt Phone Closed Antenna Retracted, Extend Battery

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f= 848.97 MHz, σ = 0.92 mho/m, ε_r = 40.5, ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Left Section

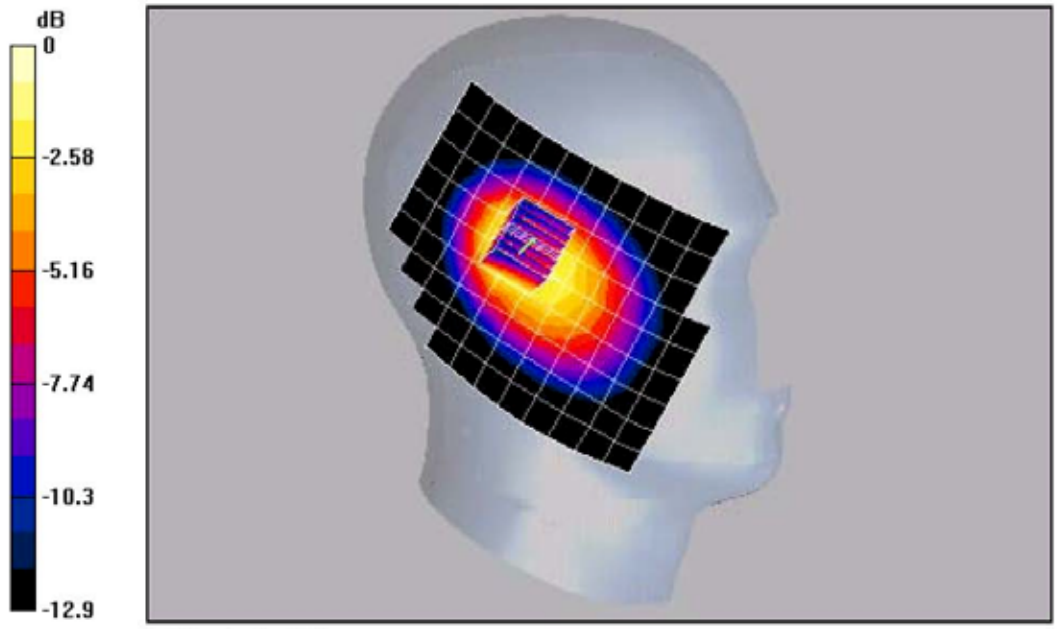
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494,Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

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

Reference Value = 34 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 2.2 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.816 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.45 mW/g



0 dB = 1.45mW/g

Date/Time: 12/07/04 09:35:37

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch799, Right Cheek Phone Closed Antenna Retracted

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 848.97 MHz, σ = 0.929 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

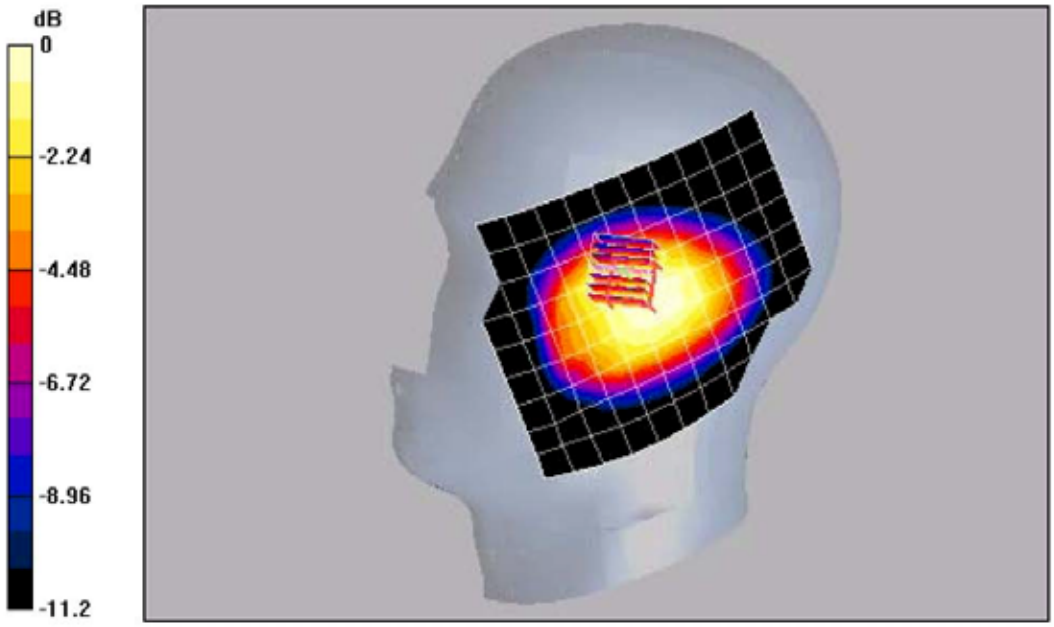
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

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

Reference Value = 35.4 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.766 mW/g

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

Date/Time: 12/08/04 04:55:54

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch799 Right Tilt Phone Closed Antenna Retracted

Communication System: AMPS, Frequency: 848.97 MHz, Duty Cycle: 1:1
Medium: HSL900, Medium parameters used (interpolated): f = 848.97 MHz, σ = 0.937 mho/m, ε_r = 41.3, ρ = 1000 kg/m^3
Phantom: SAM 12, Phantom section: Right Section

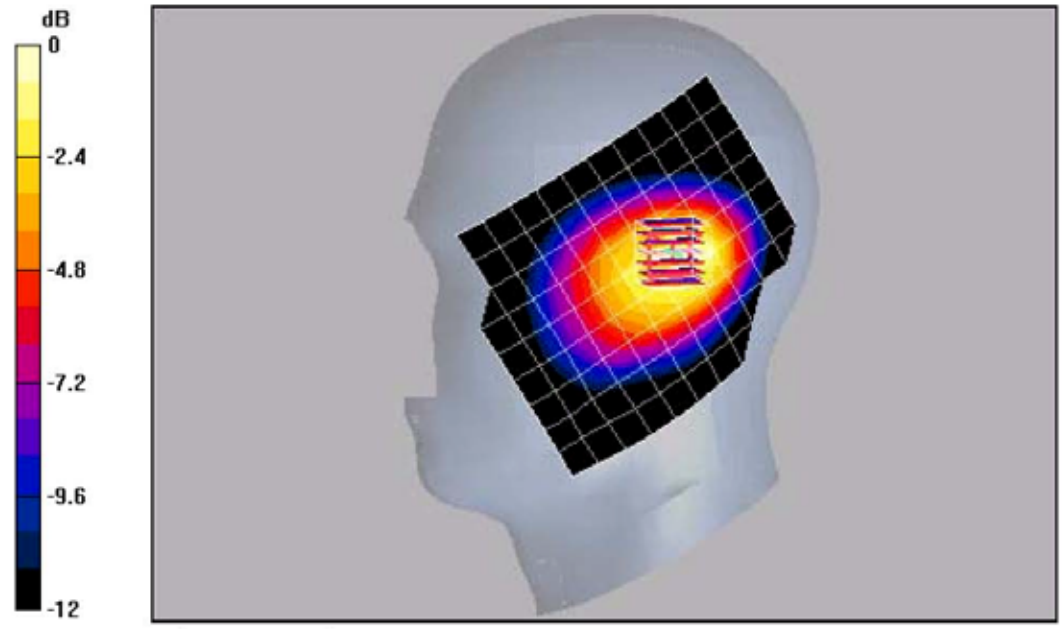
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.56, 6.56, 6.56), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494, Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

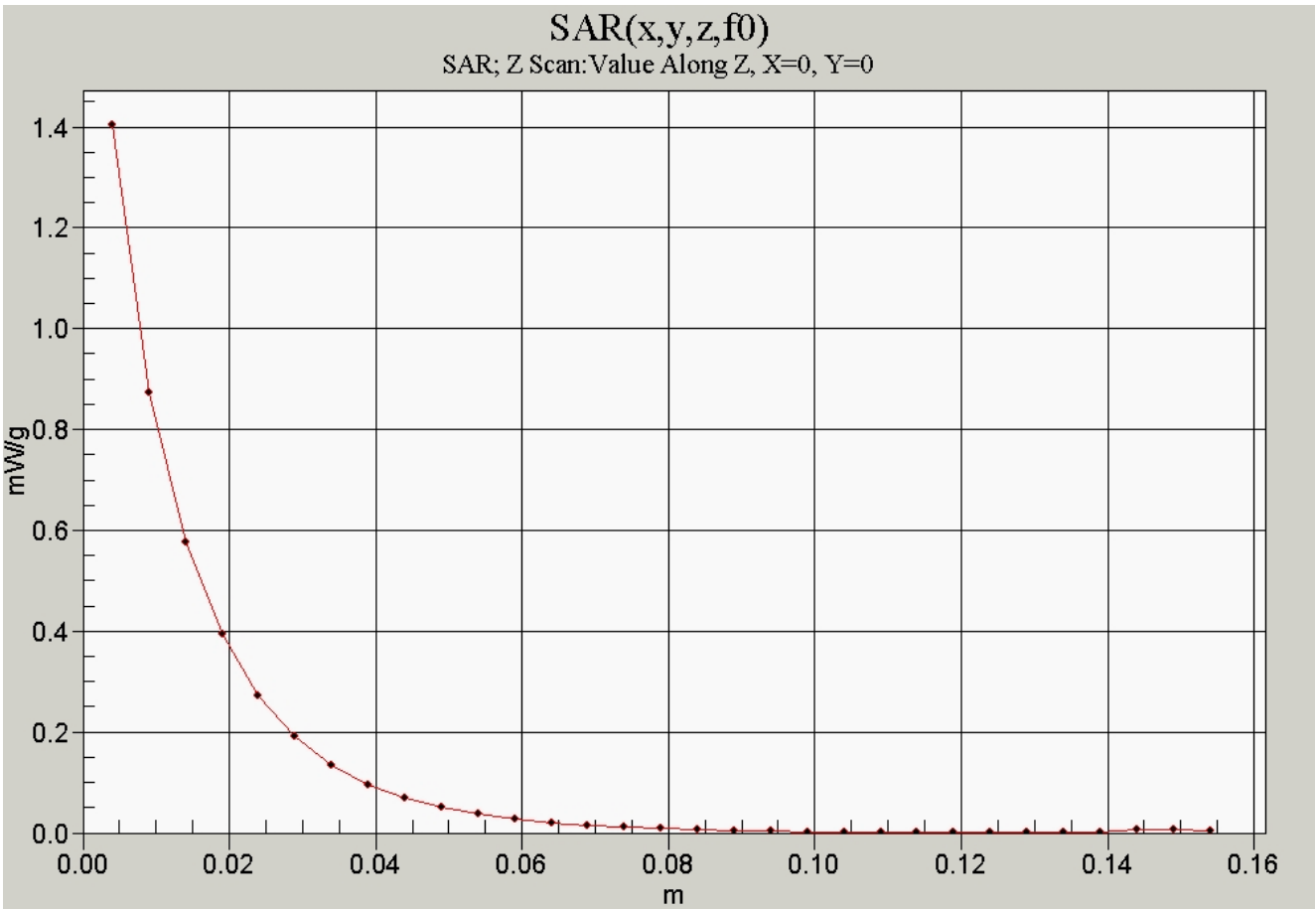
AMPS Ch799 RTC RET/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.3 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.633 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16
m

Date/Time: 12/10/04 23:19:54

Test Laboratory: Kyocera

C2PC KX2 #30FL, AMPS ch383 FLAT, Antenna Retracted, Plastic Holster, Extended Battery

Communication System: AMPS, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: M900,Medium parameters used (interpolated): f= 836.49 MHz, σ = 0.976 mho/m, ε_r = 54.6, ρ = 1000 kg/m^3
Phantom: SAM 12,Phantom section: Flat Section

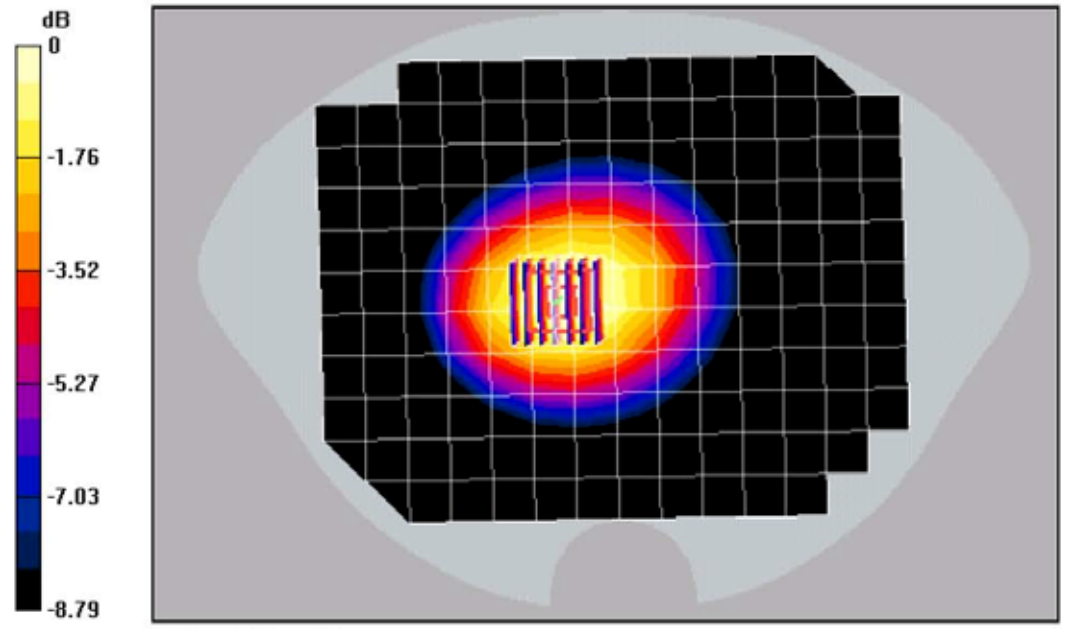
DASY4 Configuration:
Probe: ET3DV6 - SN1664, ConvF(6.17, 6.17, 6.17), Calibrated: 9/2/2004
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn494,Calibrated: 3/11/2004
Measurement SW: DASY4, V4.4 Build 3
Postprocessing SW: SEMCAD, V1.8 Build 130

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

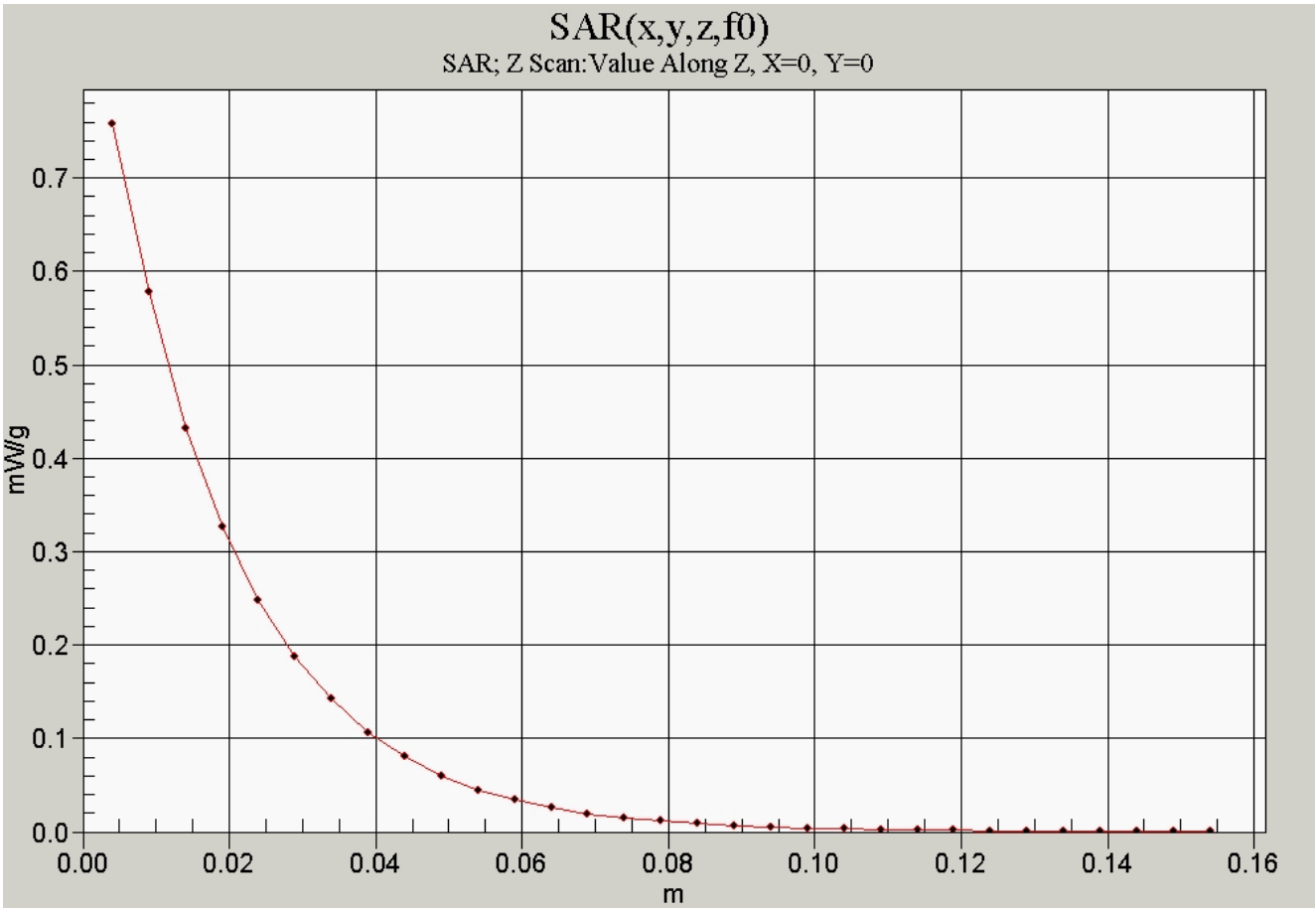
AMPS FLAT ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = 0.2 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.536 mW/g

Info: Interpolated medium parameters used for SAR evaluation!
Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.784mW/g


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