

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.90$ mho/m, $\epsilon_r = 40.43$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-04-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Right Head, Touch, Slide Out, Ch.384, Antenna Internal

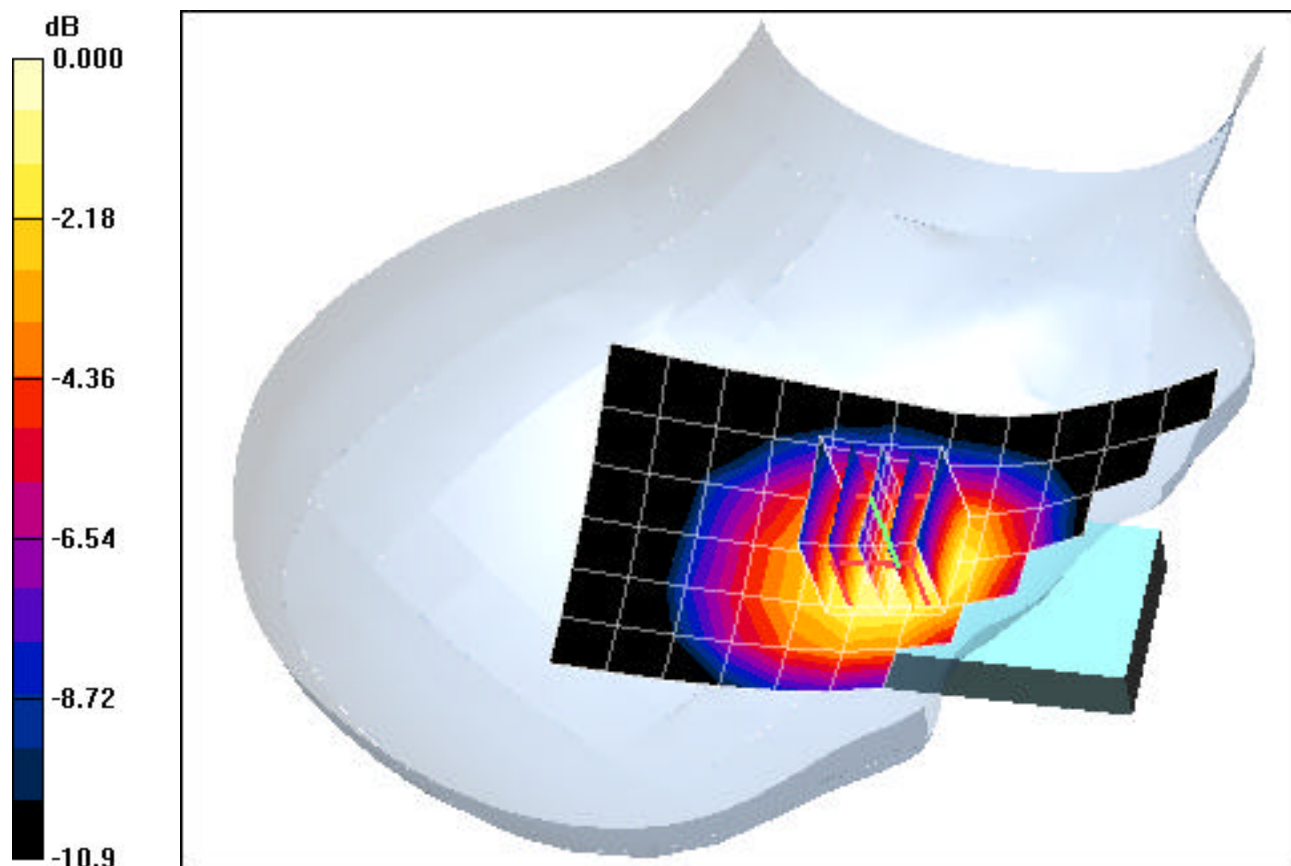
Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.584 mW/g



0 dB = 0.960mW/g

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Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Right Head, Tilt, Slide In, Ch.384, Antenna Internal

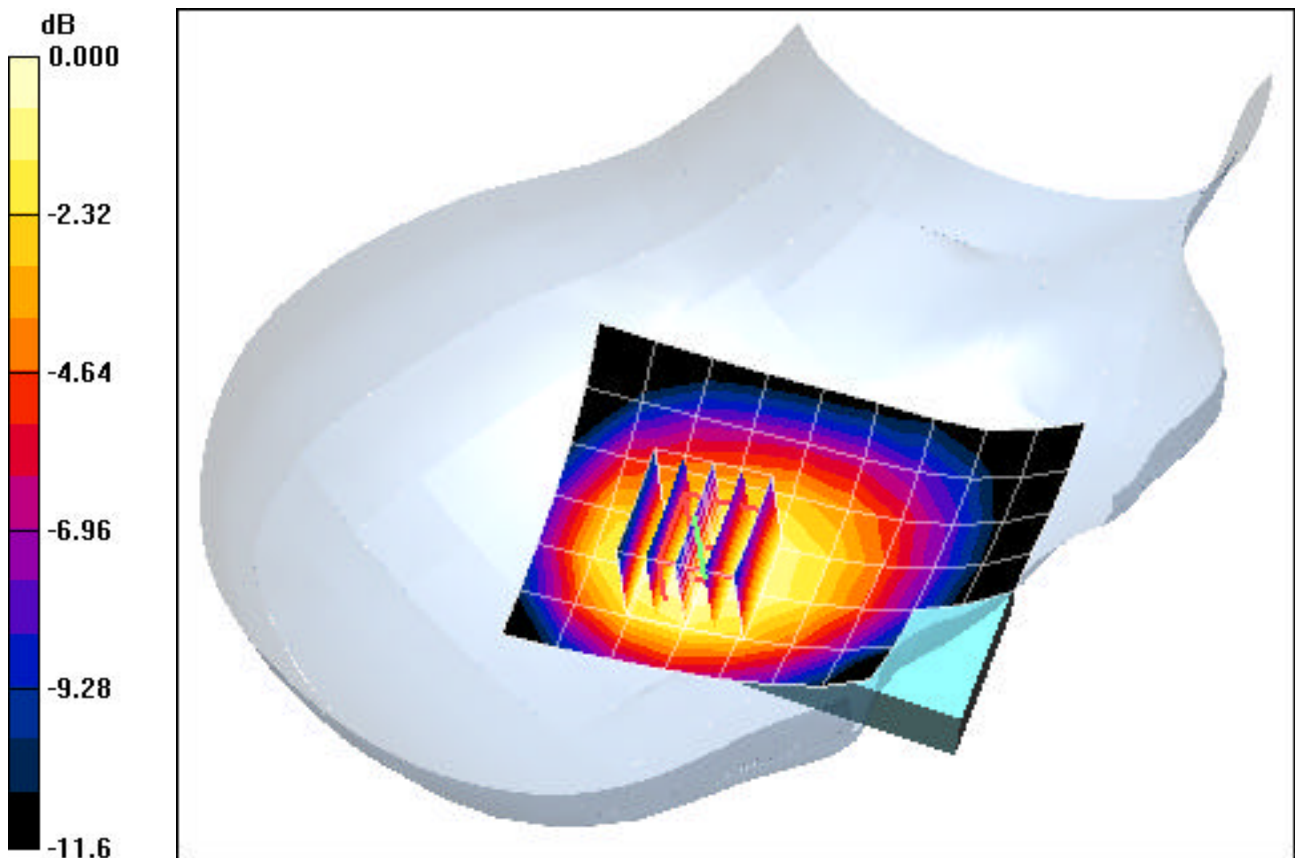
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.4 V/m

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.348 mW/g



0 dB = 0.581mW/g

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Conducted Power: 25.0 dBm.

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.90$ mho/m, $\epsilon_r = 40.43$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-04-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Left Head, Touch, Slide Out, Ch.384, Antenna Internal

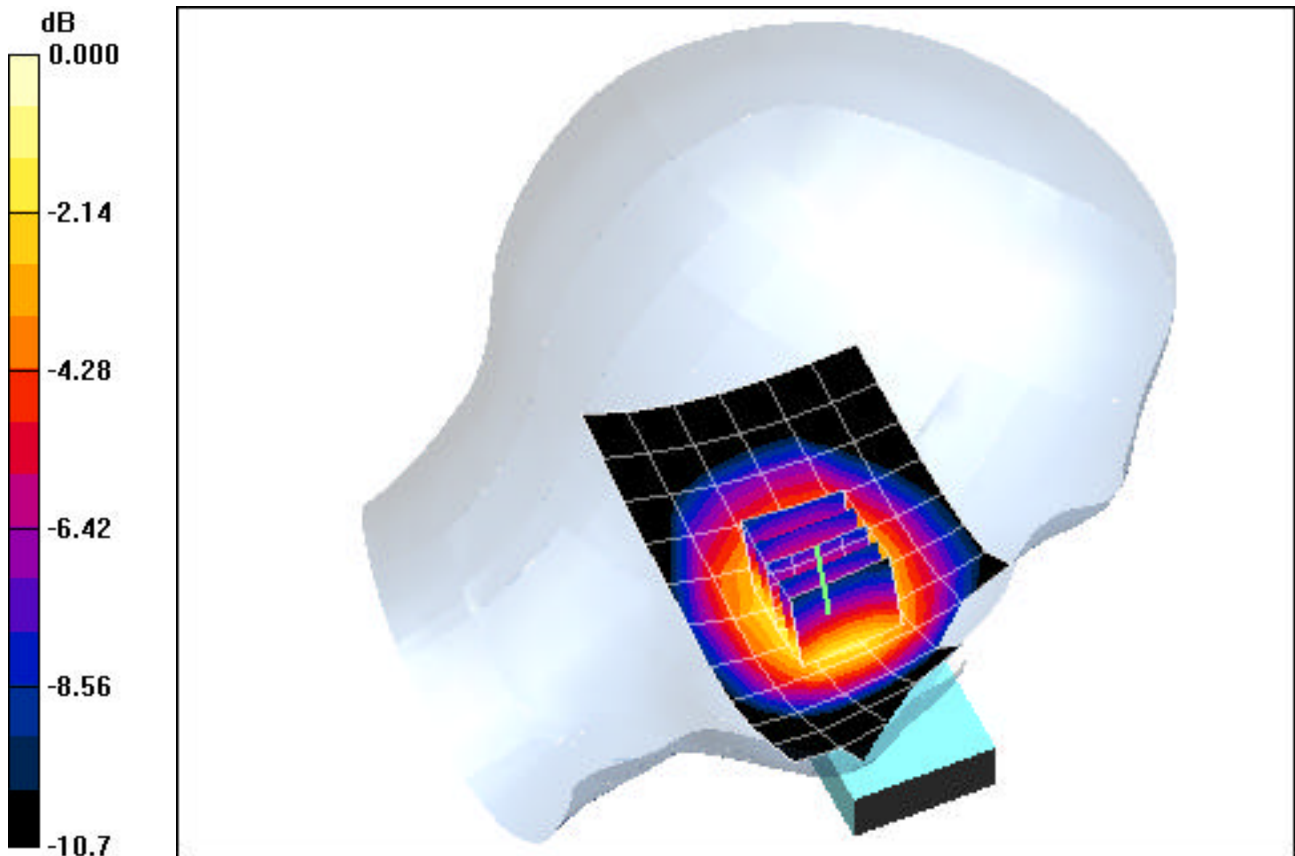
Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.507 mW/g



0 dB = 0.846mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.90$ mho/m, $\epsilon_r = 40.43$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-04-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Left Head, Tilt, Slide In, Ch.384, Antenna Internal

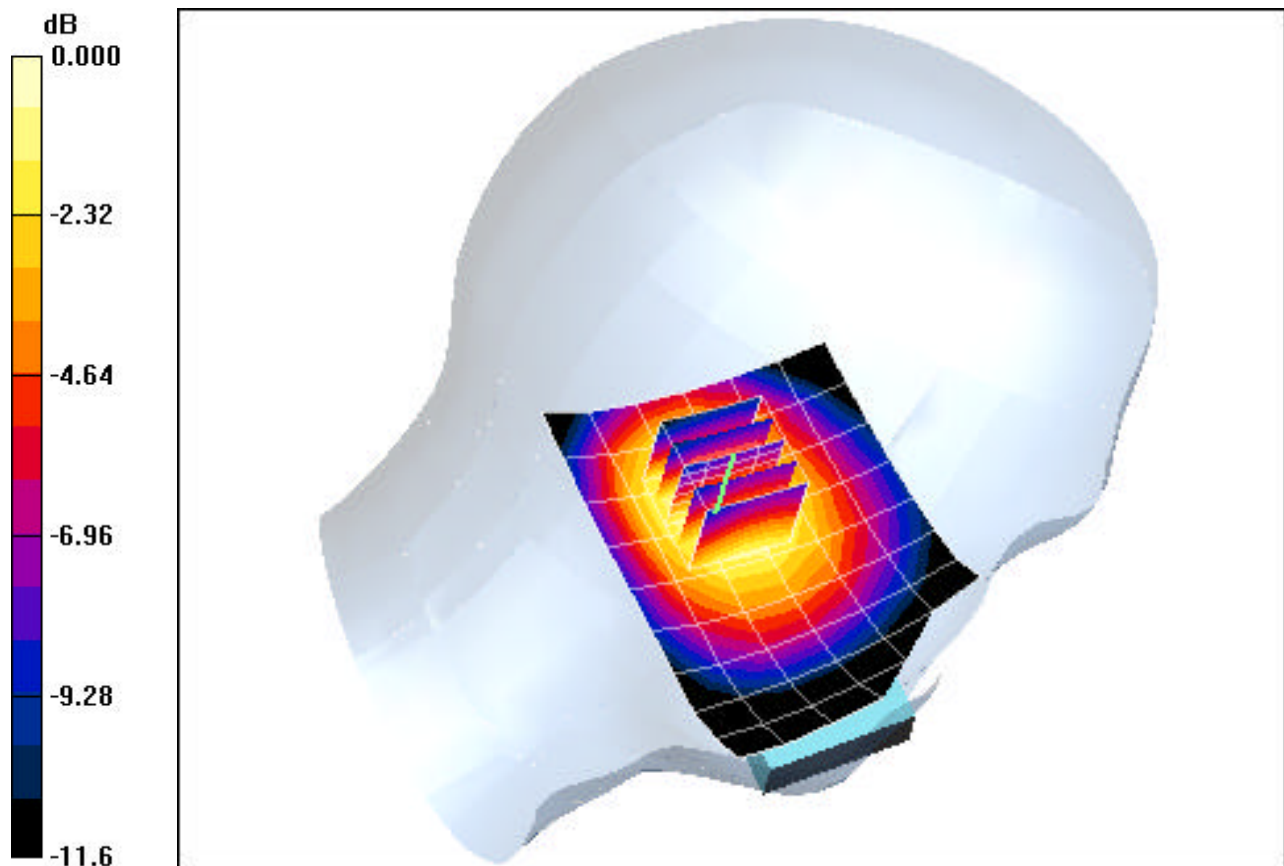
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.304 mW/g



0 dB = 0.496mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25,0 dBm.

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.44$ mho/m, $\epsilon_r = 39.39$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-05-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Right Head, Touch, Slide In, Ch.0025, Antenna Internal

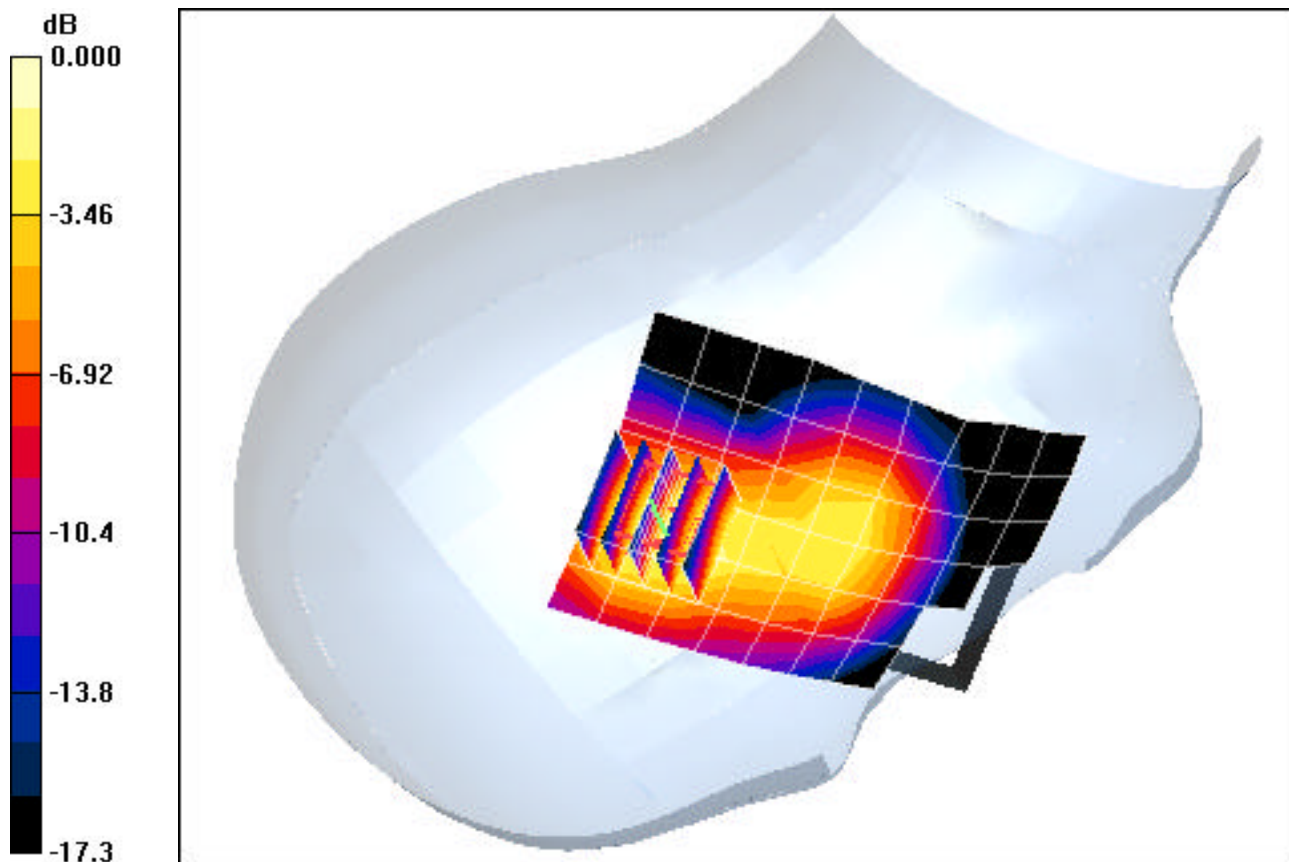
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.808 mW/g



0 dB = 1.77mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.44$ mho/m, $\epsilon_r = 39.39$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-05-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Right Head, Tilt, Slide In, Ch.0025, Antenna Internal

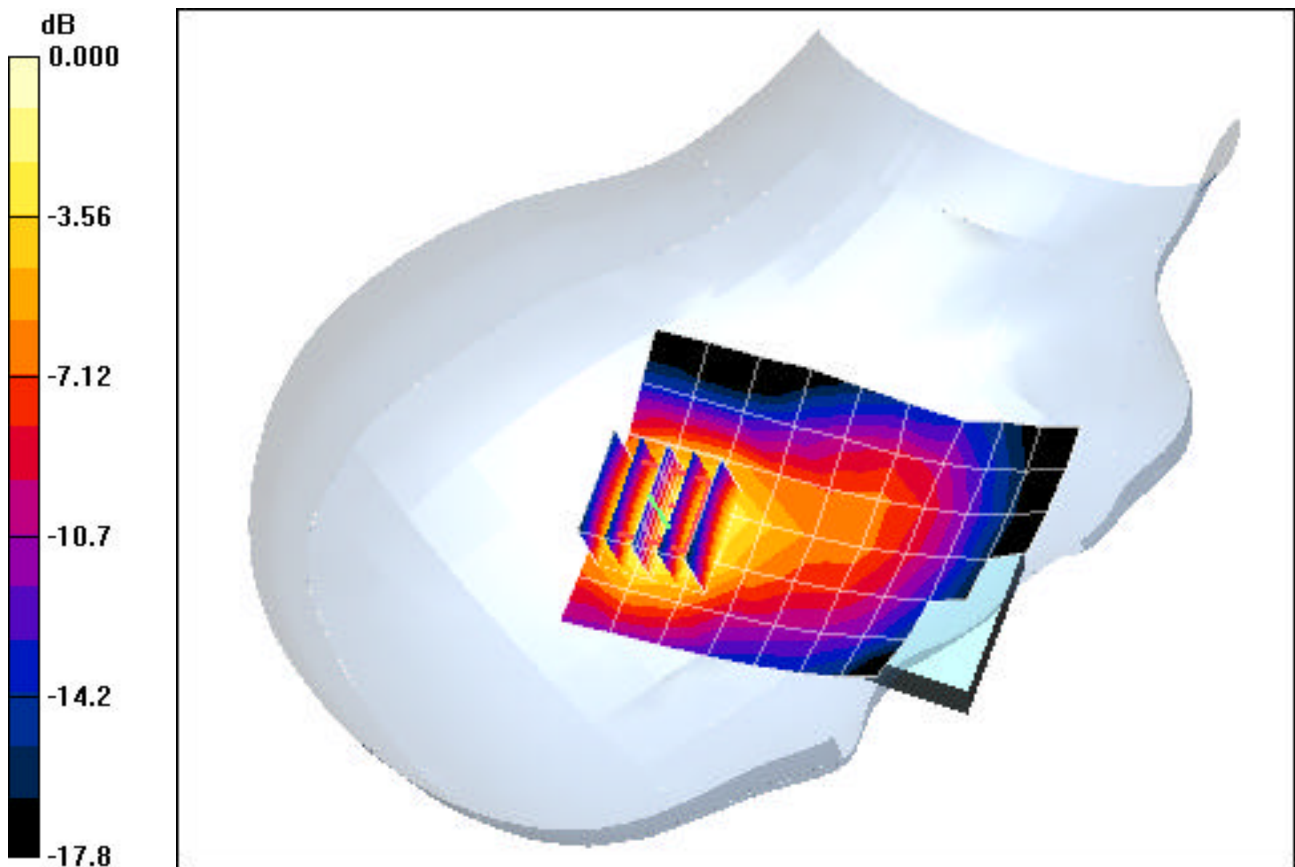
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.0 V/m

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.663 mW/g



0 dB = 1.45mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.44$ mho/m, $\epsilon_r = 39.39$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-05-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Left Head, Touch, Slide In, Ch.0025, Antenna Internal

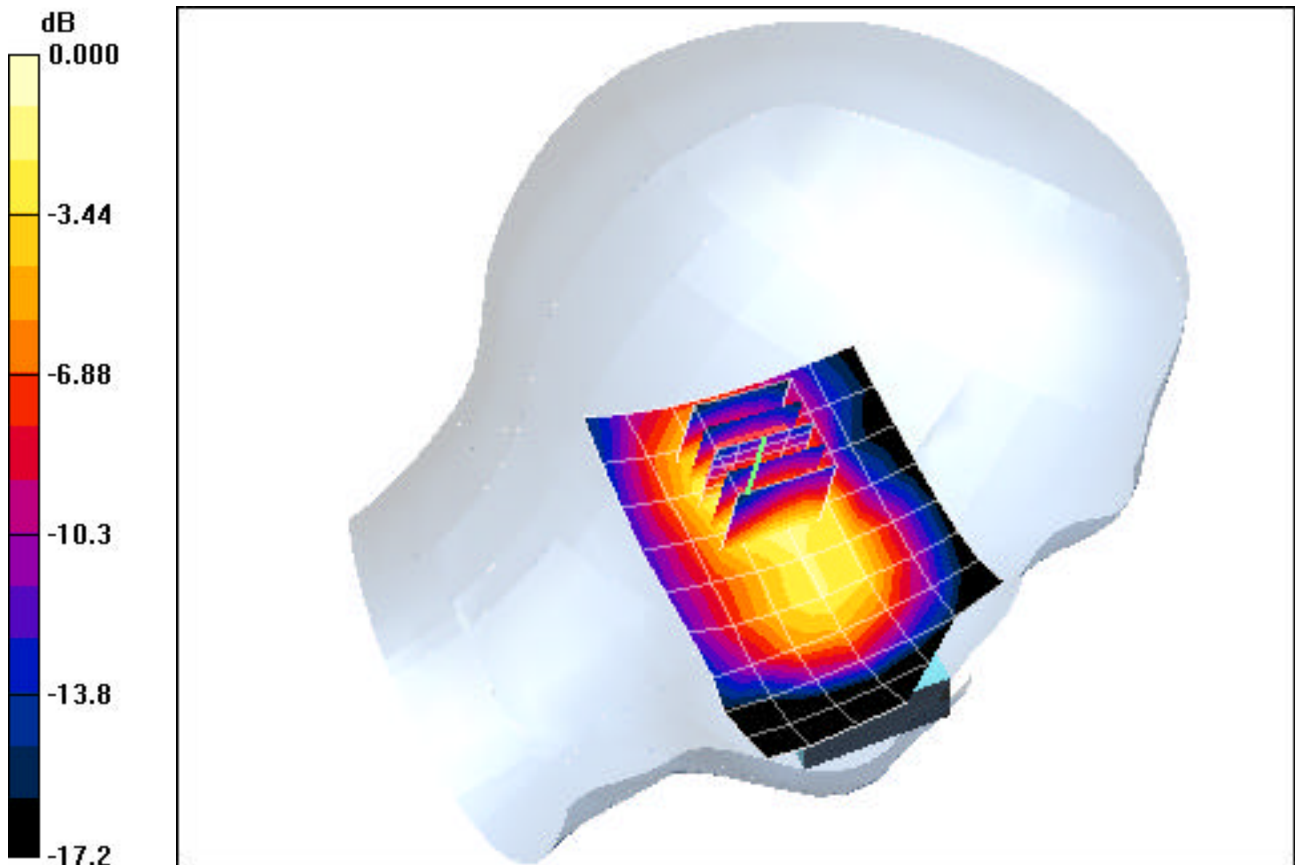
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.0 V/m

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.844 mW/g



0 dB = 1.73mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.44$ mho/m, $\epsilon_r = 39.39$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 12-05-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Left Head, Tilt, Slide In, Ch.0025, Antenna Internal

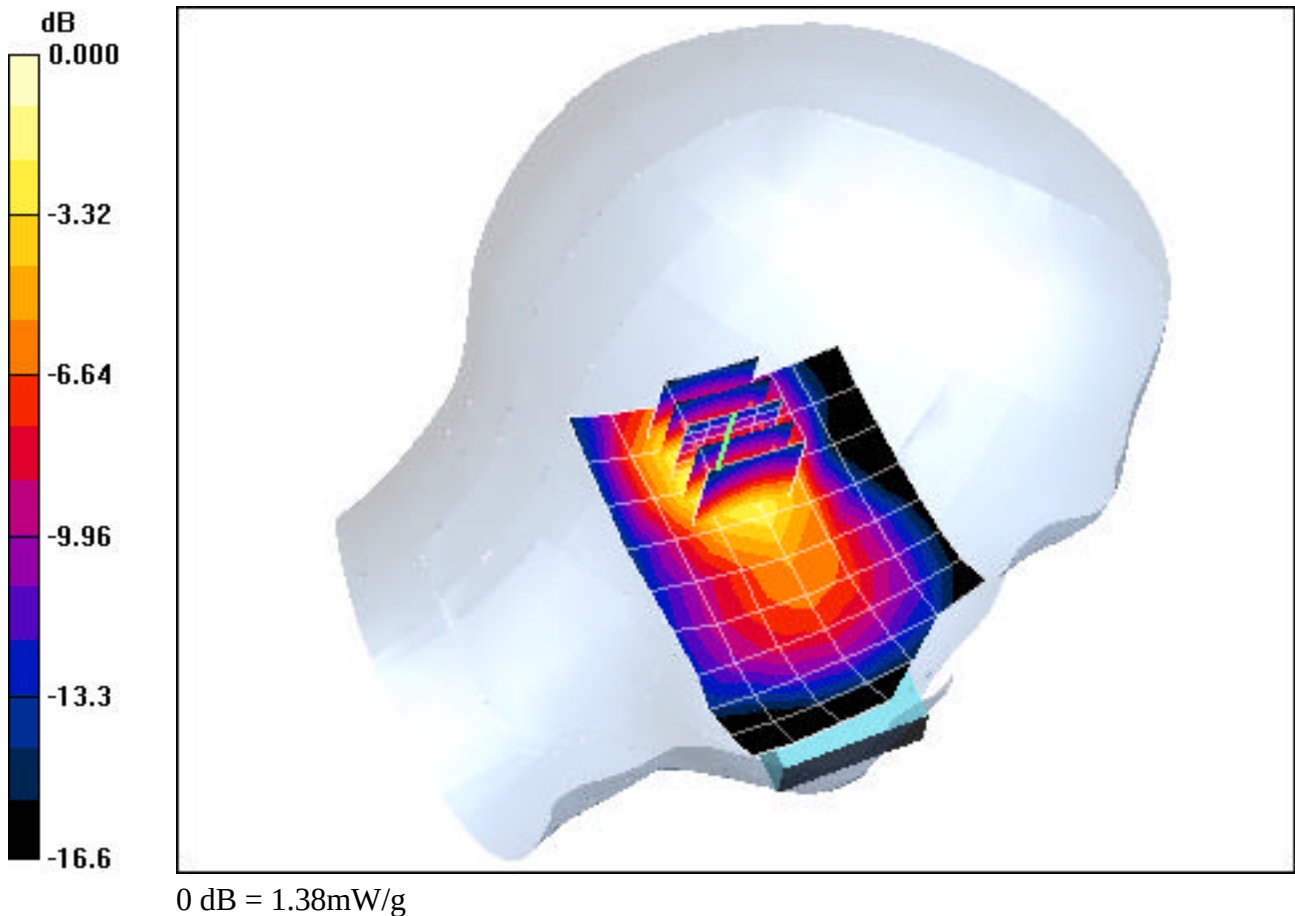
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.0 V/m

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.652 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.97$ mho/m, $\epsilon_r = 54.71$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm from DUT to Flat Phantom

Test Date: 12-06-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Body, No Beltclip, Slide In, Ch.384, Antenna Internal

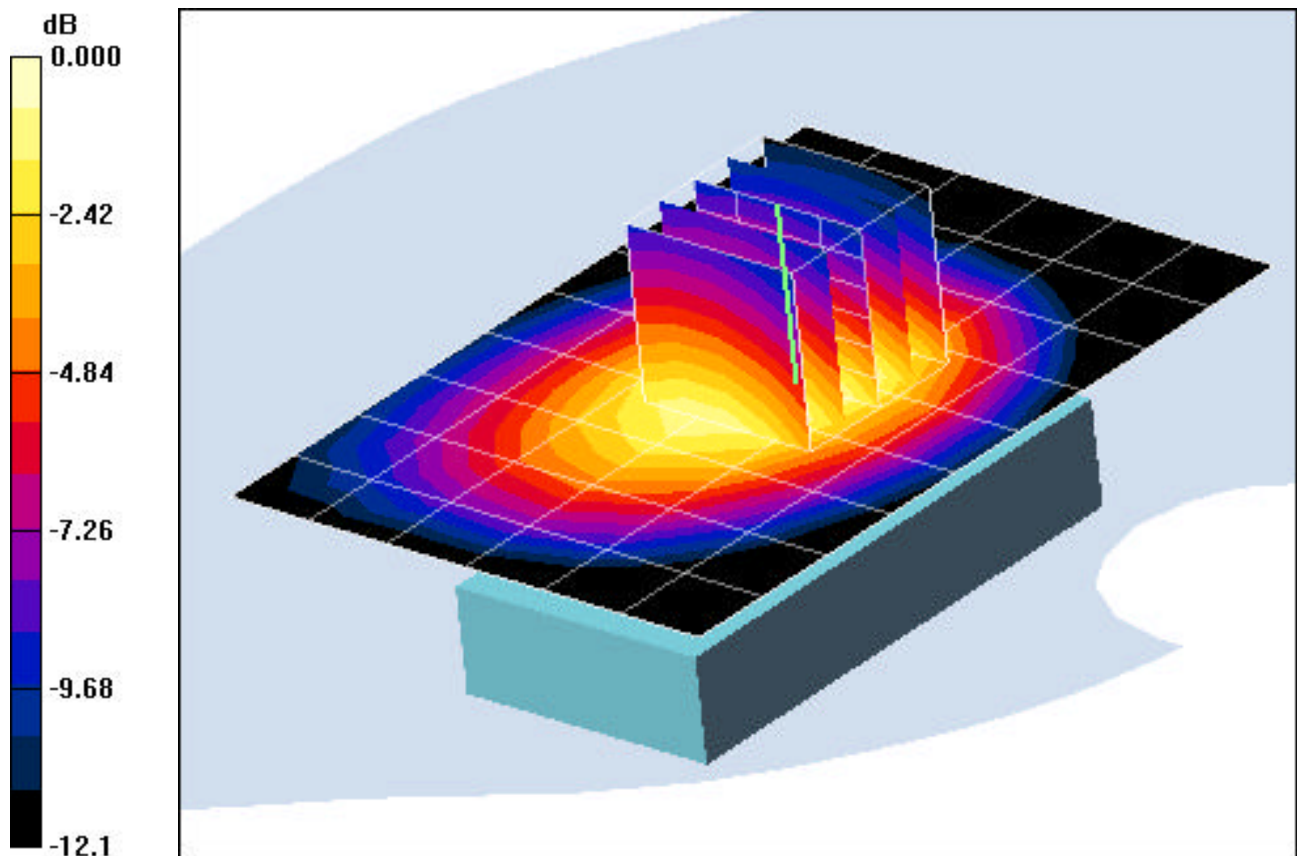
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.8 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.511 mW/g



0 dB = 0.873mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ($\sigma = 1.56$ mho/m, $\epsilon_r = 54.42$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm from DUT to Flat Phantom

Test Date: 12-06-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Body, No beltclip, Slide Out, Ch.600, Antenna Internal

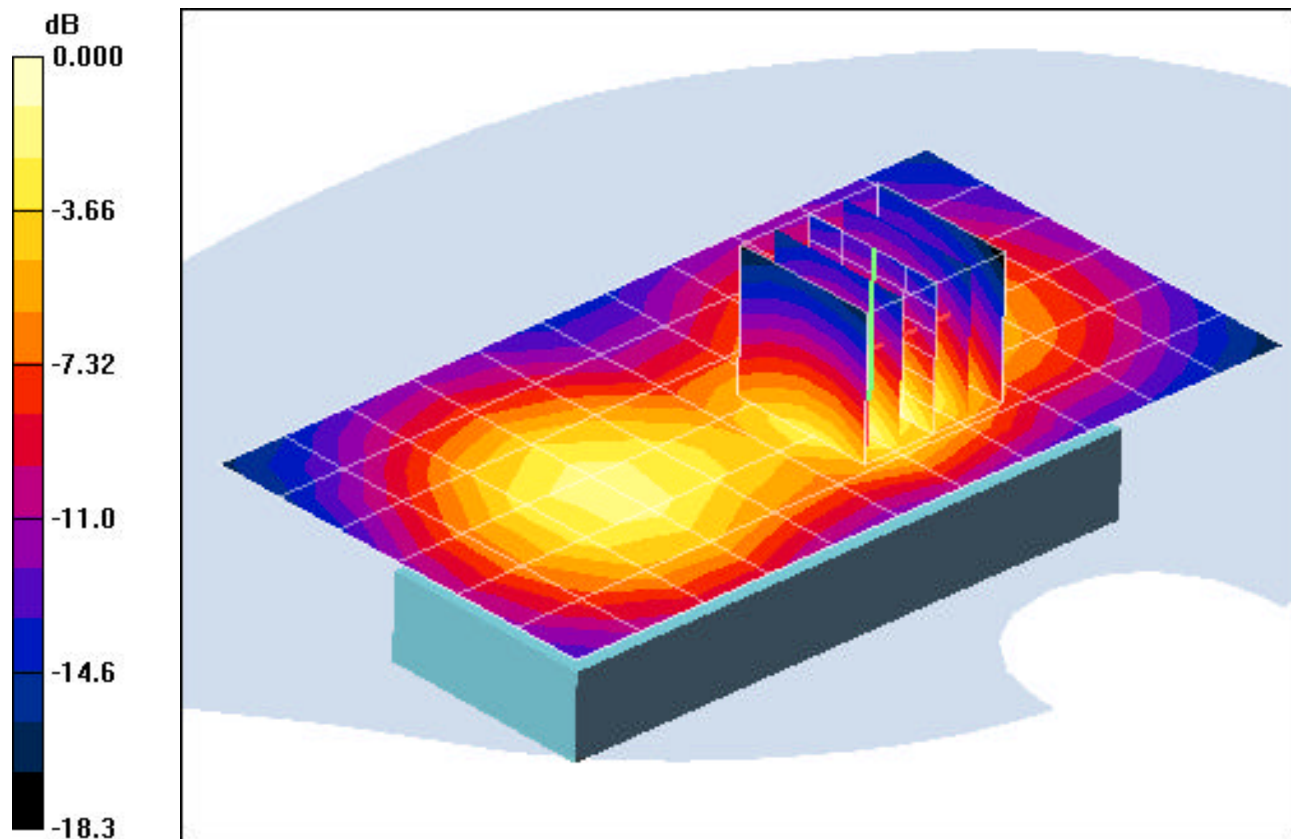
Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.664 mW/g



0 dB = 1.50mW/g

PCTEST ENGINEERING LABORATORY, INC.

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Conducted Power: 25.0 dBm.

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.90$ mho/m, $\epsilon_r = 40.43$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-04-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3561; ConvF(7.94, 7.94, 7.94); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Right Head, Touch, Slide Out, Ch.384, Antenna Internal

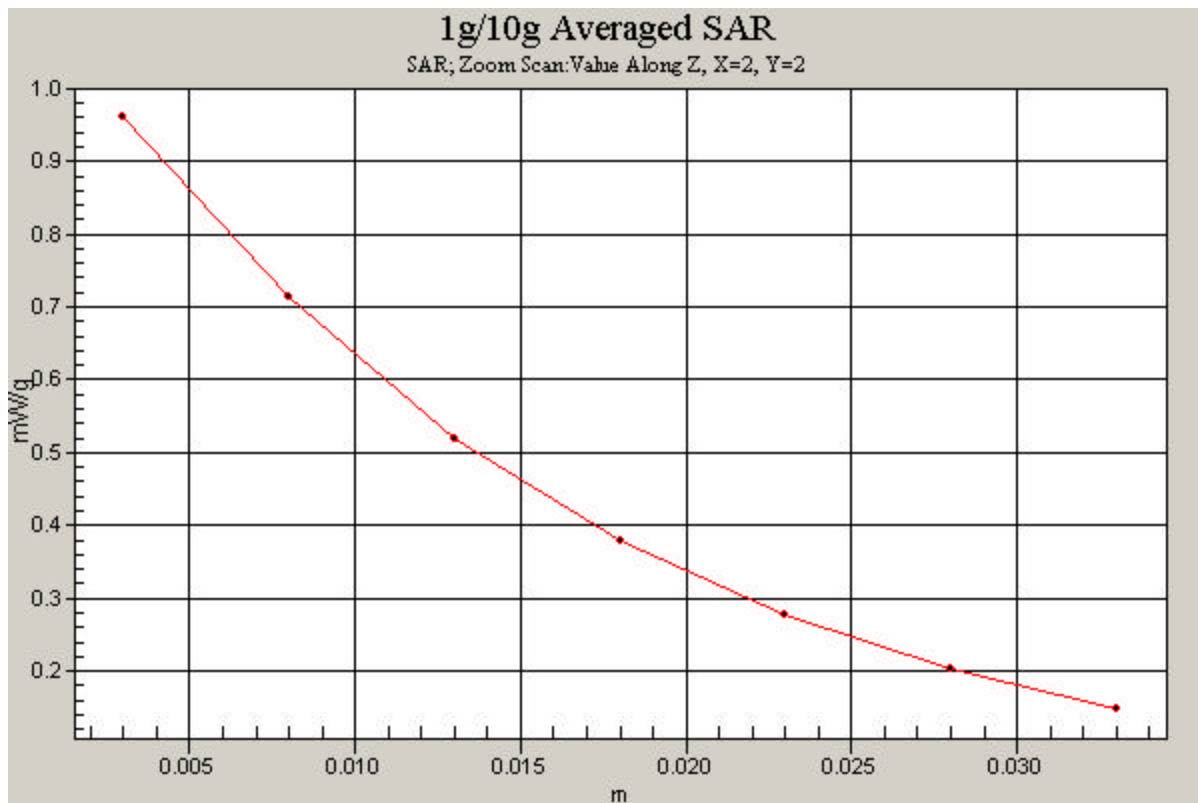
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Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.584 mW/g



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DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
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Communication System: PCS CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.44$ mho/m, $\epsilon_r = 39.39$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 12-05-2006; Ambient Temp: 23.1°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3561; ConvF(6.99, 6.99, 6.99); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Right Head, Touch, Slide In, Ch.0025, Antenna Internal

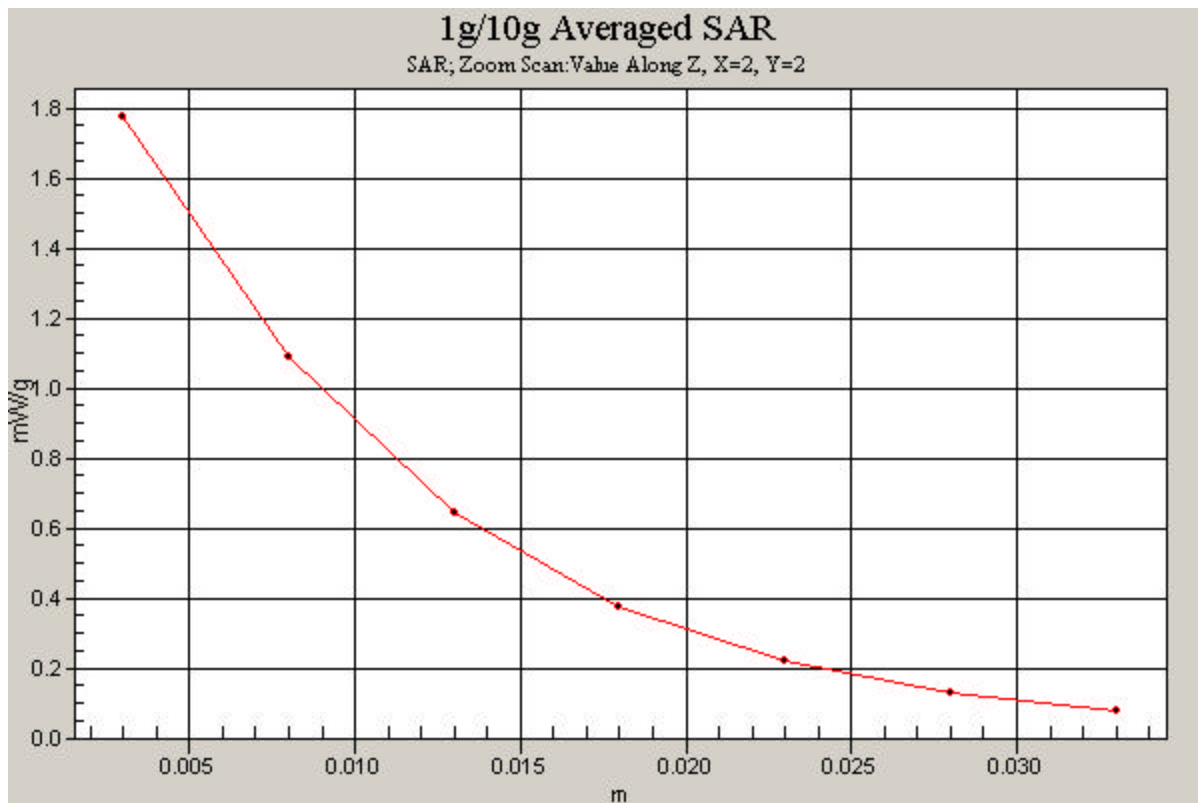
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.46 mW/g; SAR(10 g) = 0.808 mW/g



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Conducted Power: 25.0 dBm.

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: 835 Muscle ($\sigma = 0.97$ mho/m, $\epsilon_r = 54.71$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm from DUT to Flat Phantom

Test Date: 12-06-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(7.92, 7.92, 7.92); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Main; Type: SAM 4.0; Serial: TP:1197

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: CDMA, Body, No Beltclip, Slide In, Ch.384, Antenna Internal

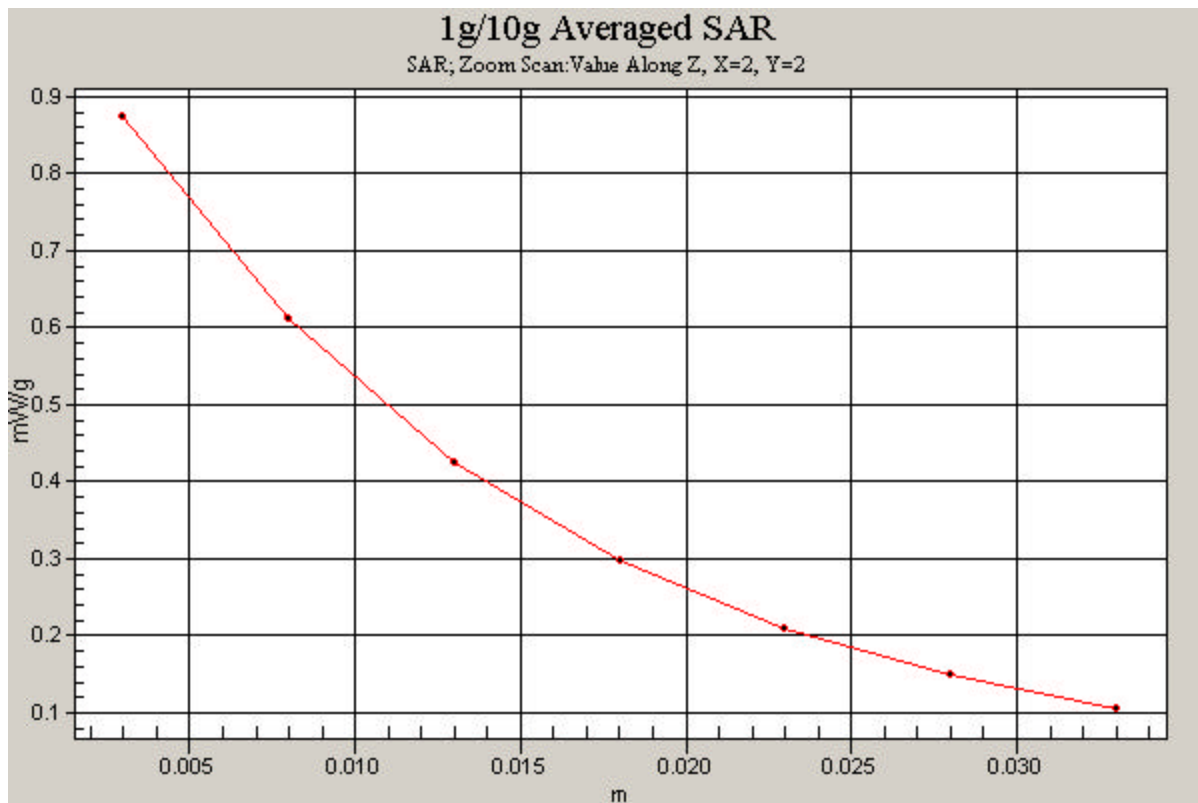
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Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.511 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SPH-A303; Type: CDMA Dual Band + BT+EvDO; Serial: SAR #1
Conducted Power: 25.0 dBm.

Communication System: PCS CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: 1900 Muscle ($\sigma = 1.56$ mho/m, $\epsilon_r = 54.42$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 1.5 cm from DUT to Flat Phantom

Test Date: 12-06-2006; Ambient Temp: 23.2°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3561; ConvF(6.47, 6.47, 6.47); Calibrated: 11/23/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE3 Sn455; Calibrated: 10/16/2006

Phantom: SAM Sub; Type: SAM 4.0; Serial: TP:1357

Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Mode: PCS, Body, No Beltclip, Slide Out, Ch.384, Antenna Internal

Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.664 mW/g

