

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.80$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-07-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Head, Touch, Mid.ch, Standard Battery

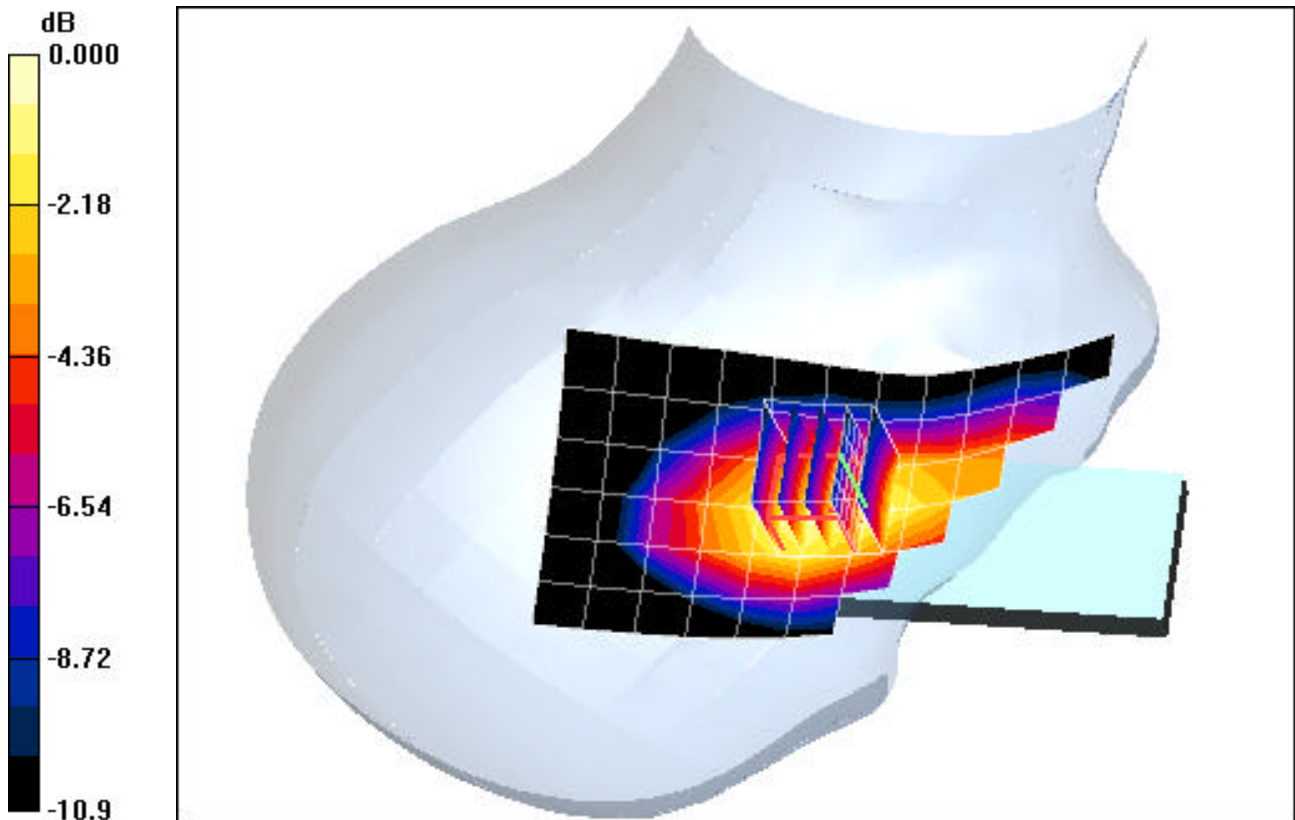
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.325 mW/g



0 dB = 0.576mW/g

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Right Head, Tilt, Mid.ch, Standard Battery

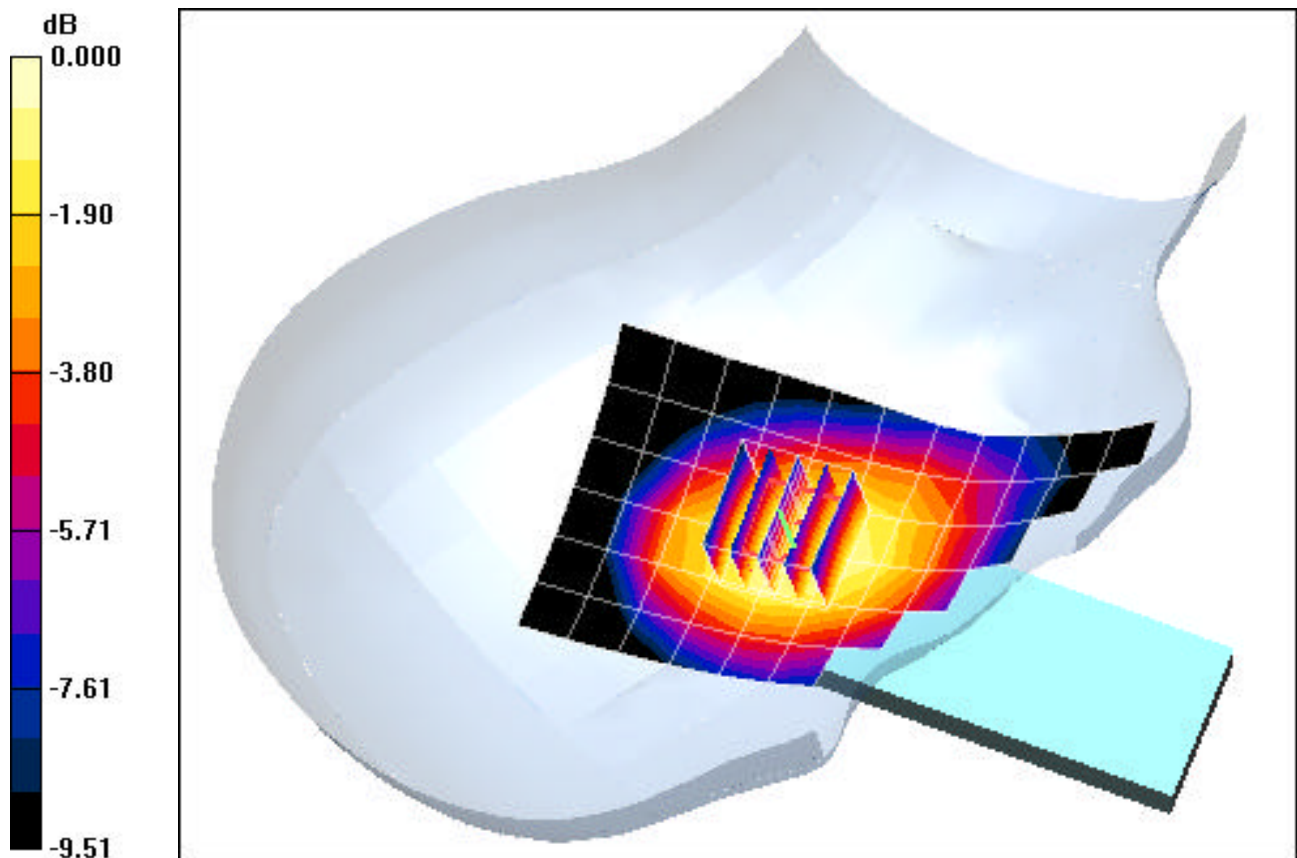
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Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.4 V/m

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.181 mW/g



0 dB = 0.280mW/g

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.80$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-07-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Head, Touch, Mid.ch, Standard Battery

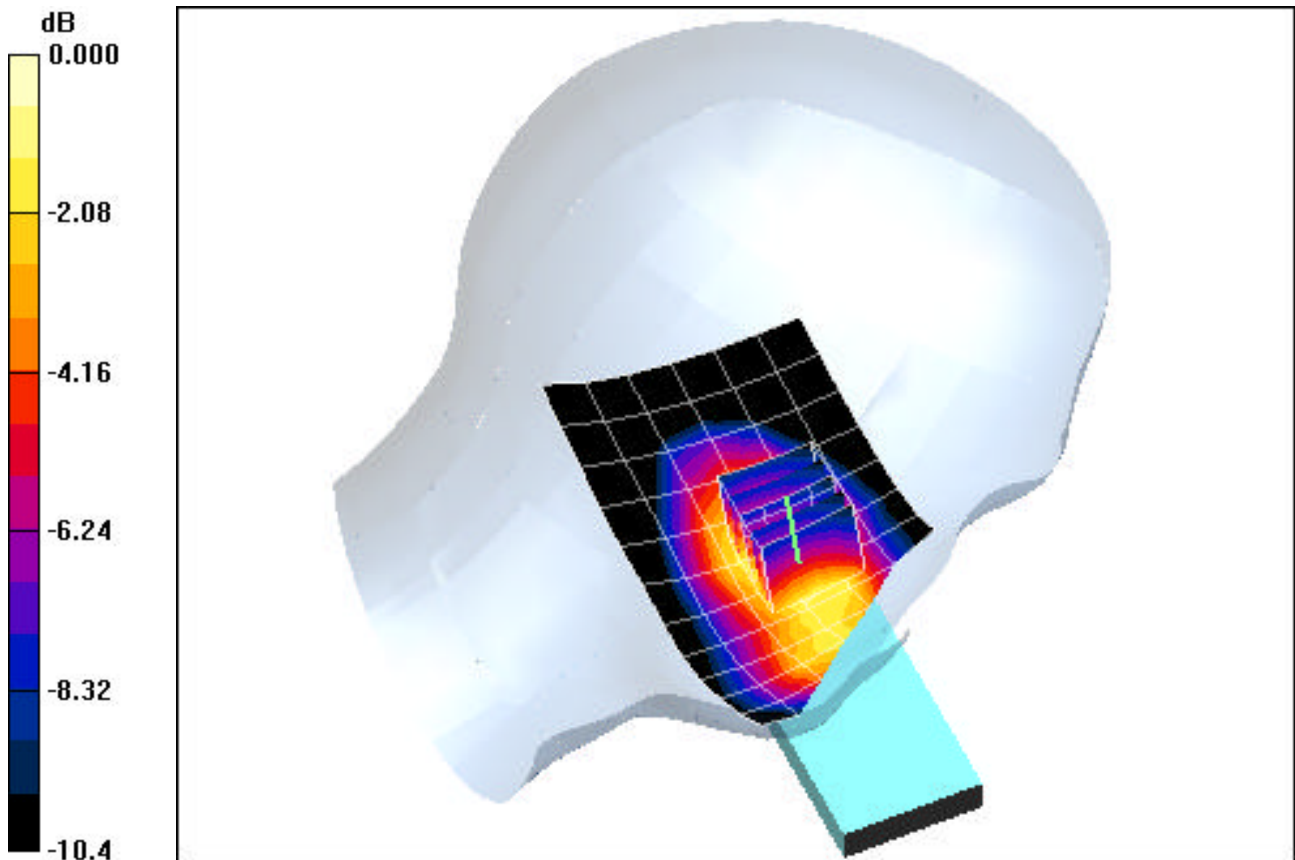
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 10.6 V/m

Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.316 mW/g



0 dB = 0.559mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.80$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-07-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Head, Tilt, Mid.ch, Standard Battery

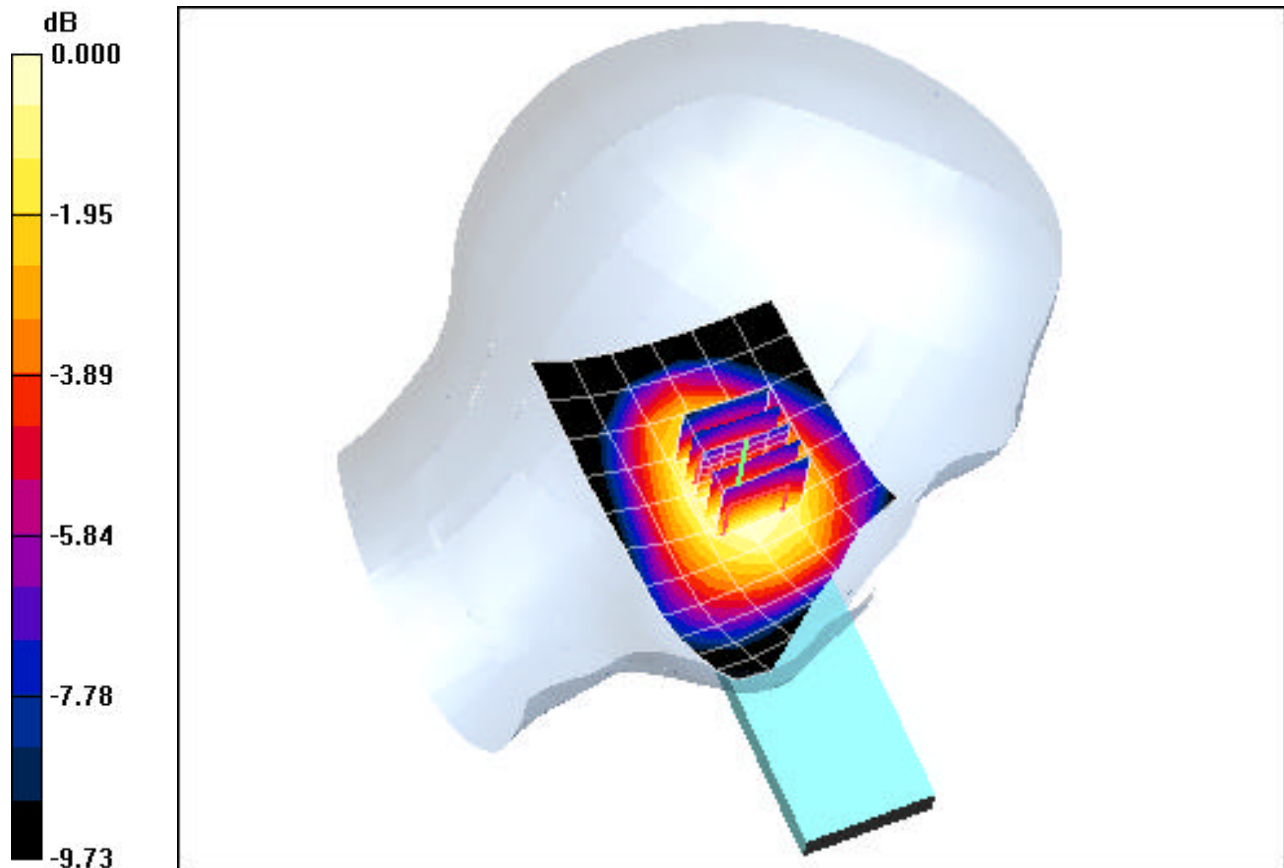
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 13.4 V/m

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.185 mW/g



0 dB = 0.281mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 39.27$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-08-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Head, Touch, Mid.ch, Standard Battery

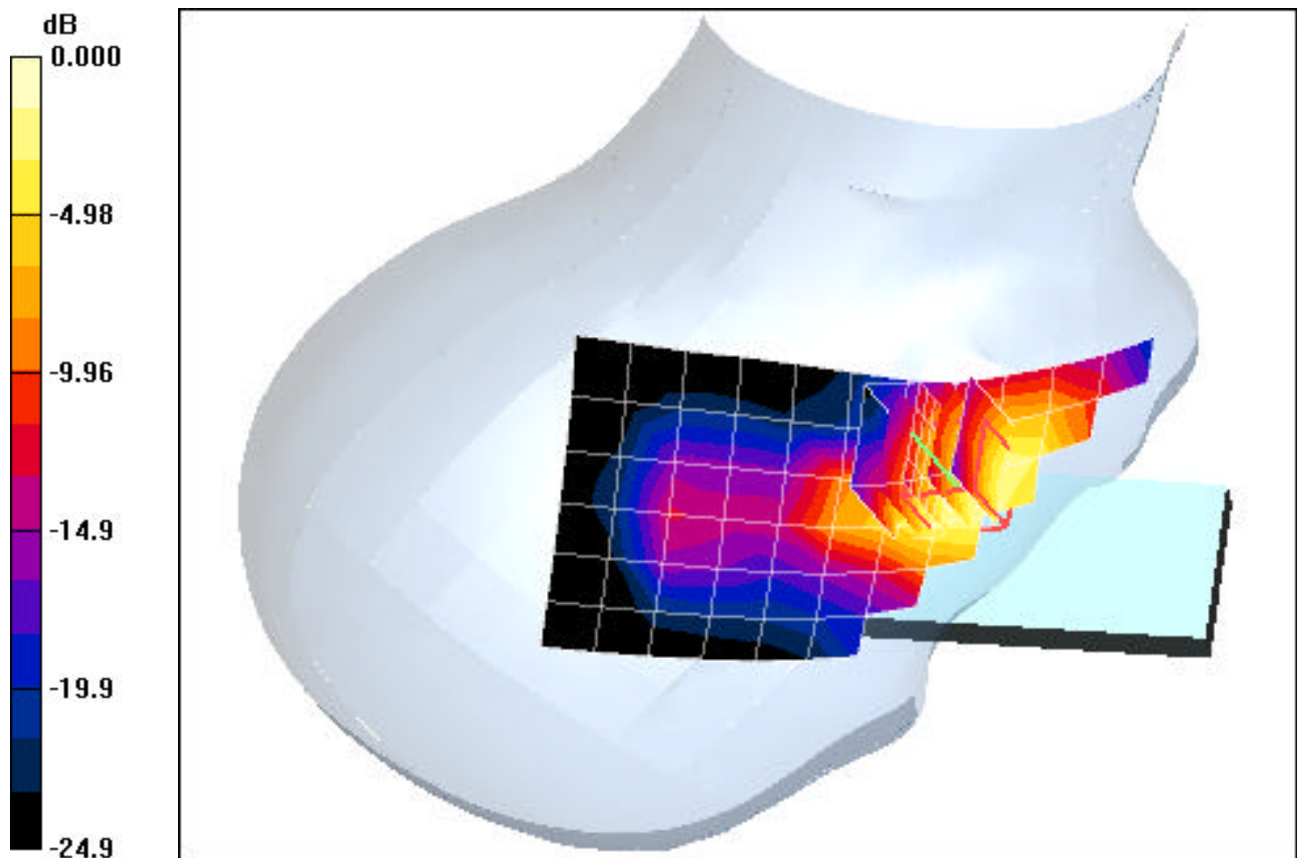
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.69 V/m

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.680 mW/g



0 dB = 1.41mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 39.27$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-08-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Head, Tilt, Mid.ch, Standard Battery

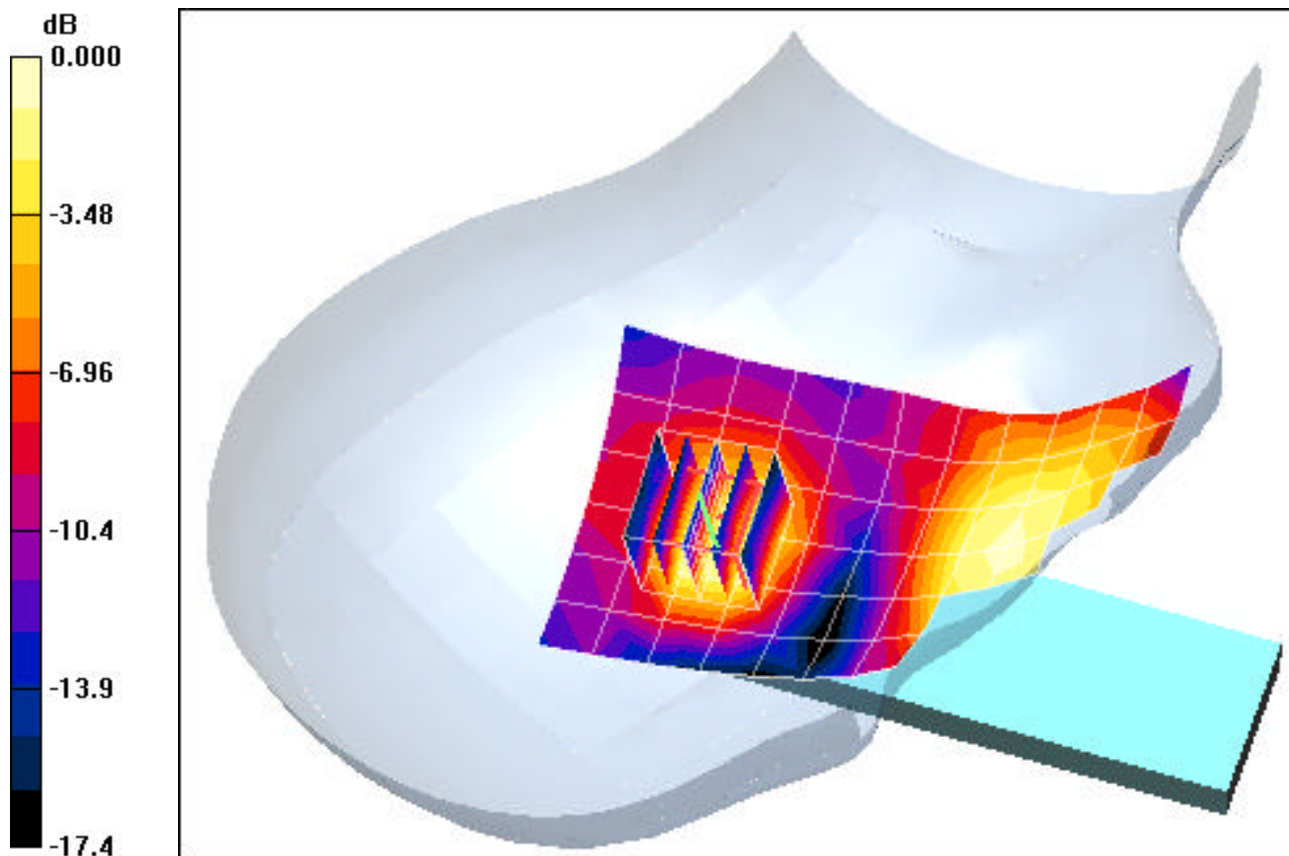
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.08 V/m

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.033 mW/g



0 dB = 0.072mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 39.27$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-08-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Head, Touch, Mid.ch, Standard Battery

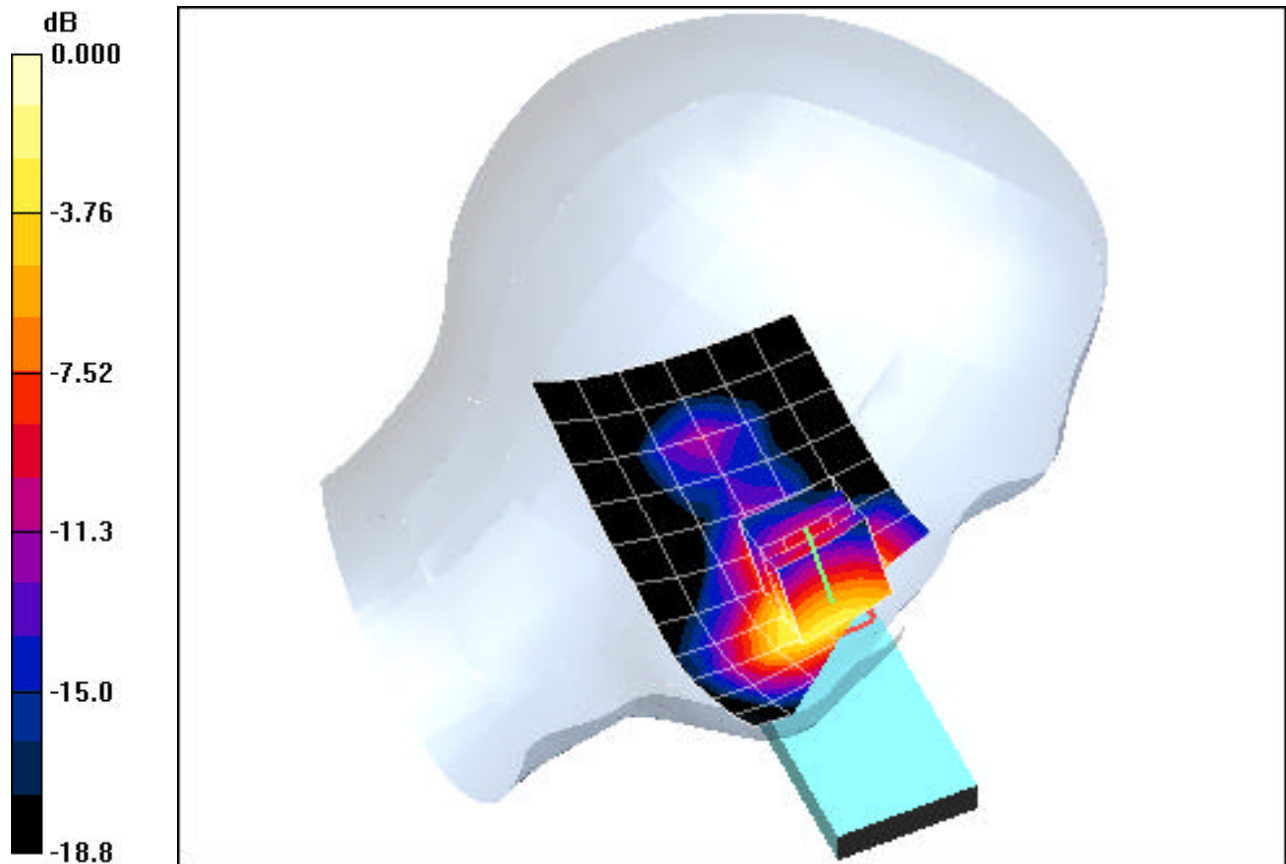
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.43 V/m

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.556 mW/g



0 dB = 1.07mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 39.27$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-08-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Left Head, Tilt, Mid.ch, Standard Battery

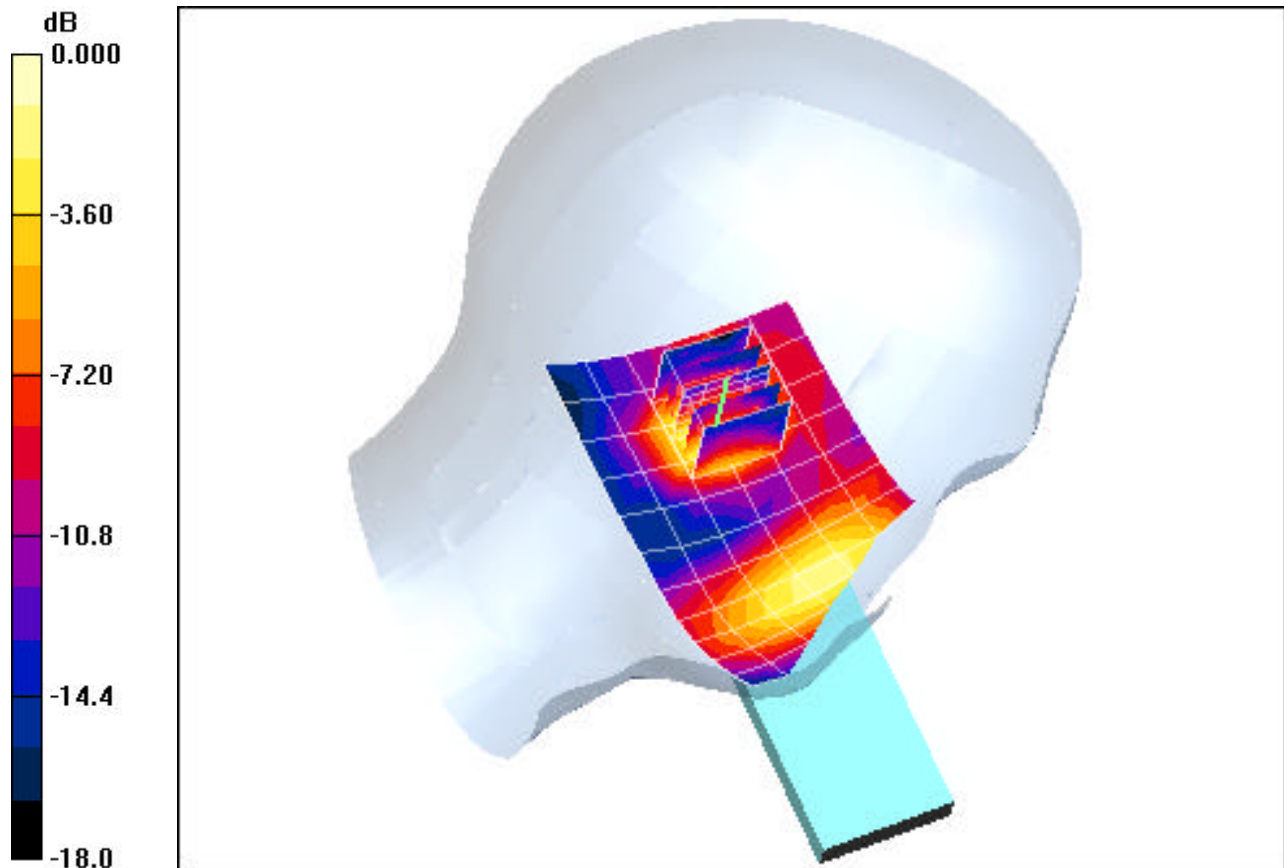
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 6.84 V/m

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.038 mW/g



0 dB = 0.085mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 835 Muscle ($\sigma = 0.95$ mho/m, $\epsilon_r = 53.66$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm from DUT to Flat Phantom

Test Date: 03-07-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.15, 8.15, 8.15); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body SAR, No Beltclip, Mid.ch, Standard Battery

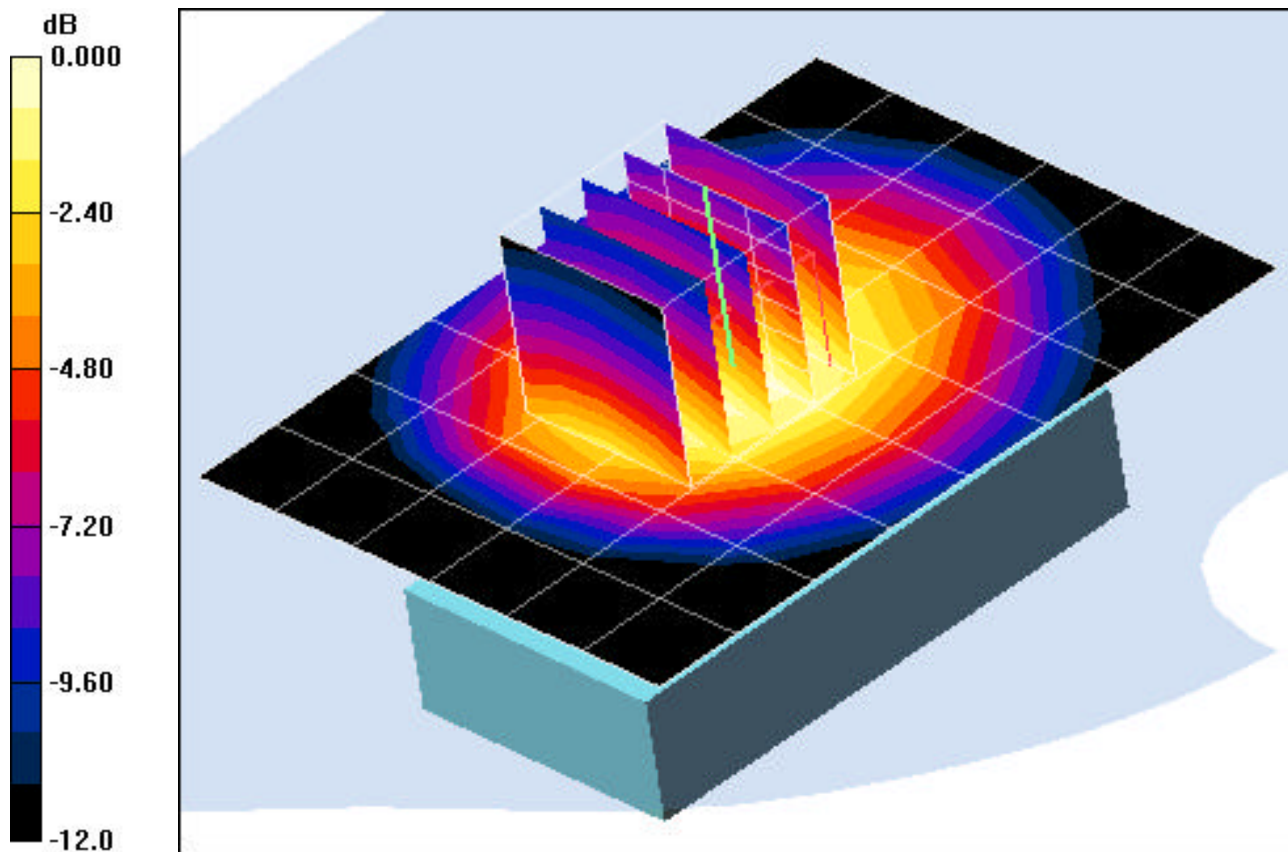
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 12.9 V/m

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.272 mW/g



0 dB = 0.448mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: LGE Model: LX160; Type: CDMA Dual Band Phone w/ Bluetooth; SN: SAR #1
Conducted Power: 24.5 dBm

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

Medium: 1900 Muscle ($\sigma = 1.55$ mho/m, $\epsilon_r = 54.28$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm from DUT to Flat Phantom

Test Date: 03-08-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.64, 6.64, 6.64); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body SAR, No Beltclip, Mid.ch, Standard Battery

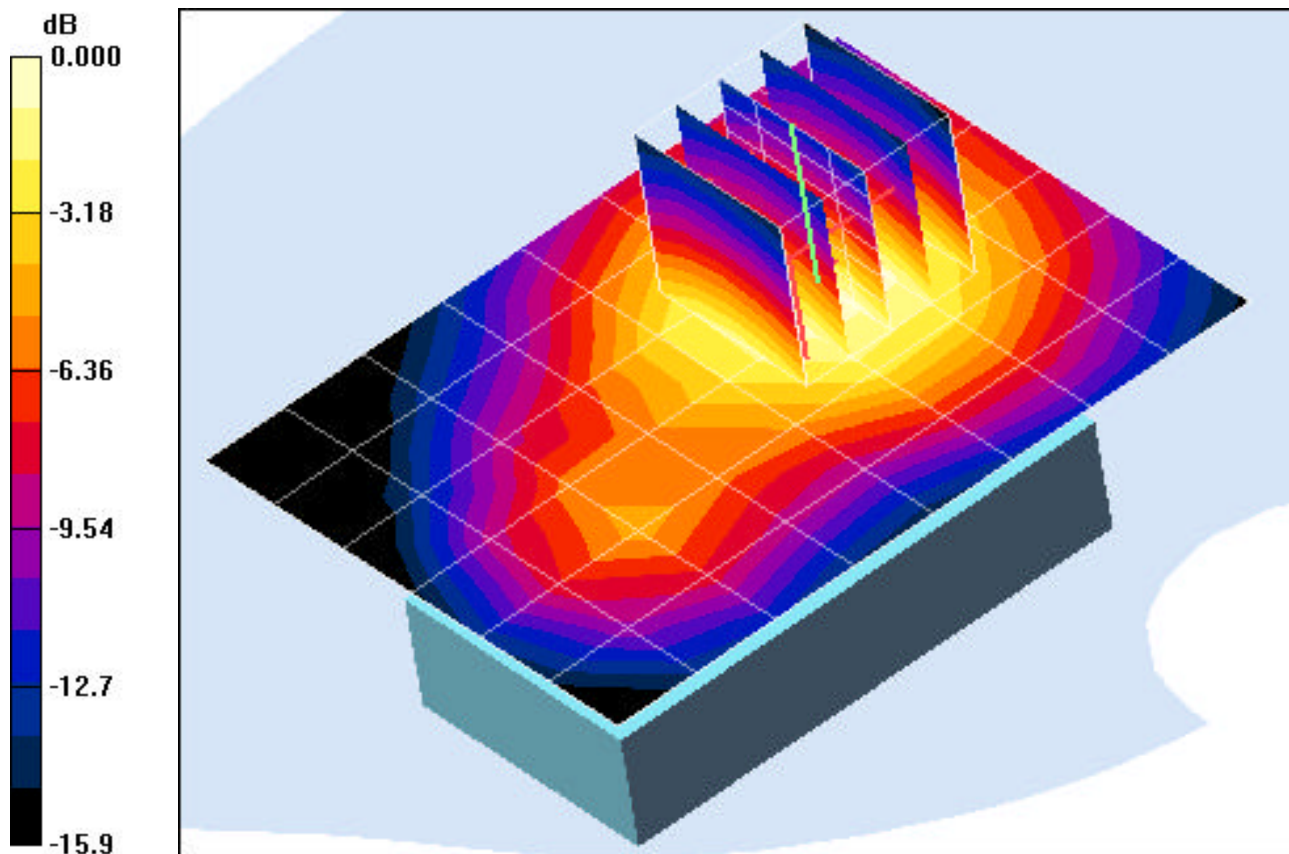
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.4 V/m

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.338mW/g

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Conducted Power: 24.5 dBm

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

Medium: 835 Brain ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.80$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-07-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.36, 8.36, 8.36); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Head, Touch, Mid.ch, Standard Battery

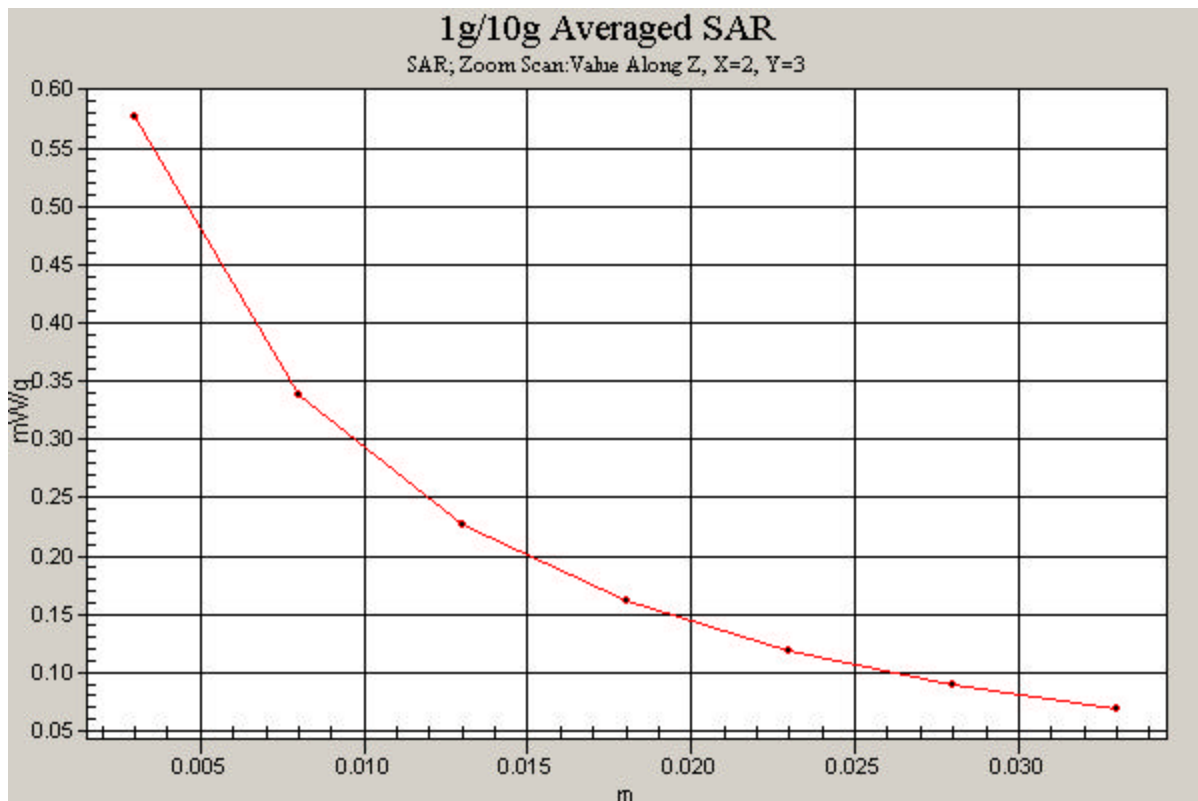
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Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.325 mW/g



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Conducted Power: 24.5 dBm

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

Medium: 835 Muscle ($\sigma = 0.95$ mho/m, $\epsilon_r = 53.66$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section; Space: 2.0 cm from DUT to Phantom

Test Date: 03-07-2007; Ambient Temp: 23.6°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN3589; ConvF(8.15, 8.15, 8.15); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body SAR, No Beltclip, Mid.ch, Standard Battery

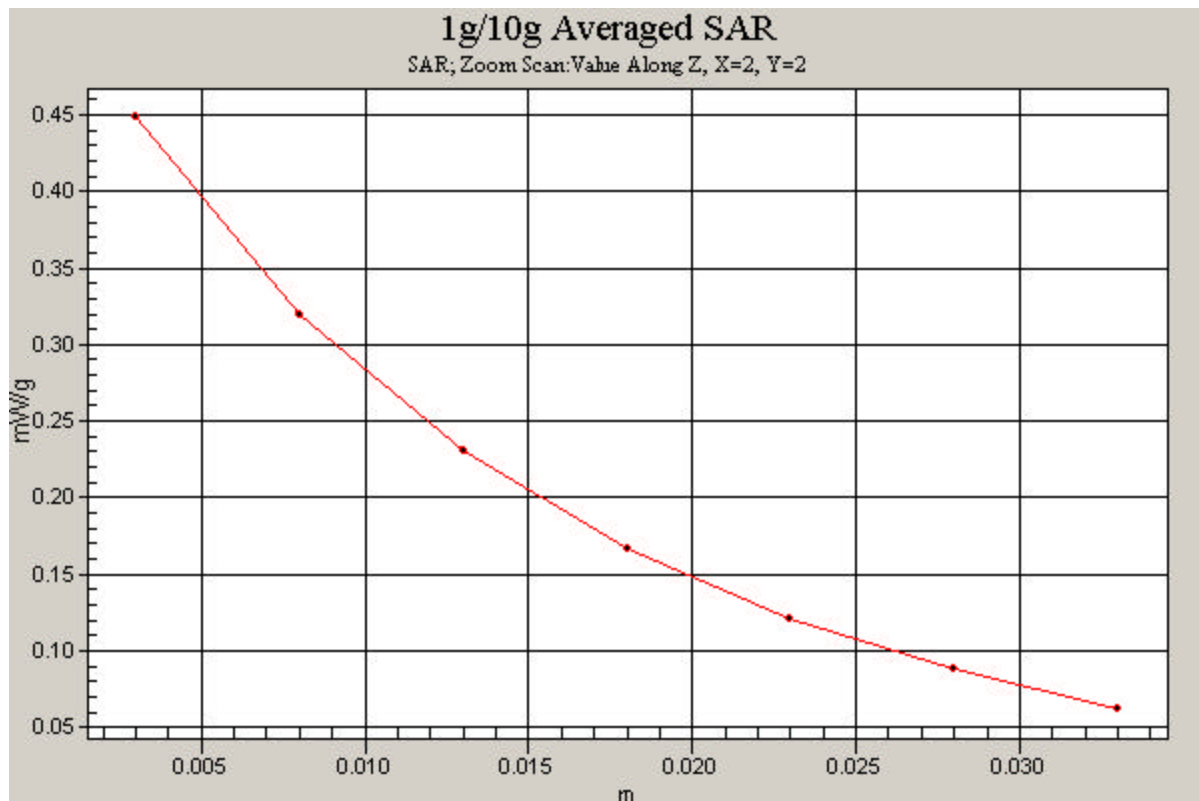
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Reference Value = 12.9 V/mdB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.272 mW/g



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Conducted Power: 24.5 dBm

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

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Phantom section: Right Section

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Probe: EX3DV4 - SN3589; ConvF(7.11, 7.11, 7.11); Calibrated: 7/14/2006

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Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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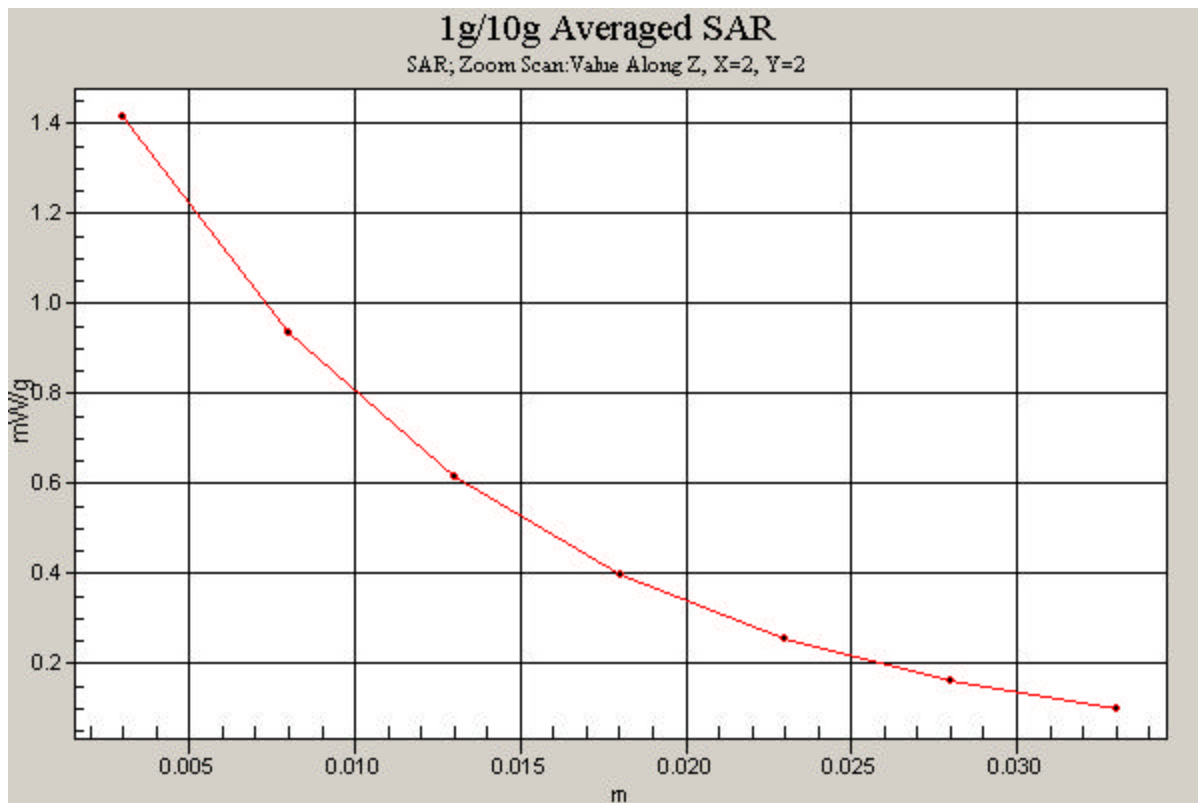
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Conducted Power: 24.5 dBm

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

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Phantom section: Flat Section; Space: 2.0 cm from DUT to Flat Phantom

Test Date: 03-08-2007; Ambient Temp: 23.4°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN3589; ConvF(6.64, 6.64, 6.64); Calibrated: 7/14/2006

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn704; Calibrated: 6/1/2006

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

Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body SAR, No Beltclip, Mid.ch, Standard Battery

Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.4 V/m

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.171 mW/g

