

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.88$ mho/m, $\epsilon_r = 40.82$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Low.ch, Standard Battery, Antenna Internal

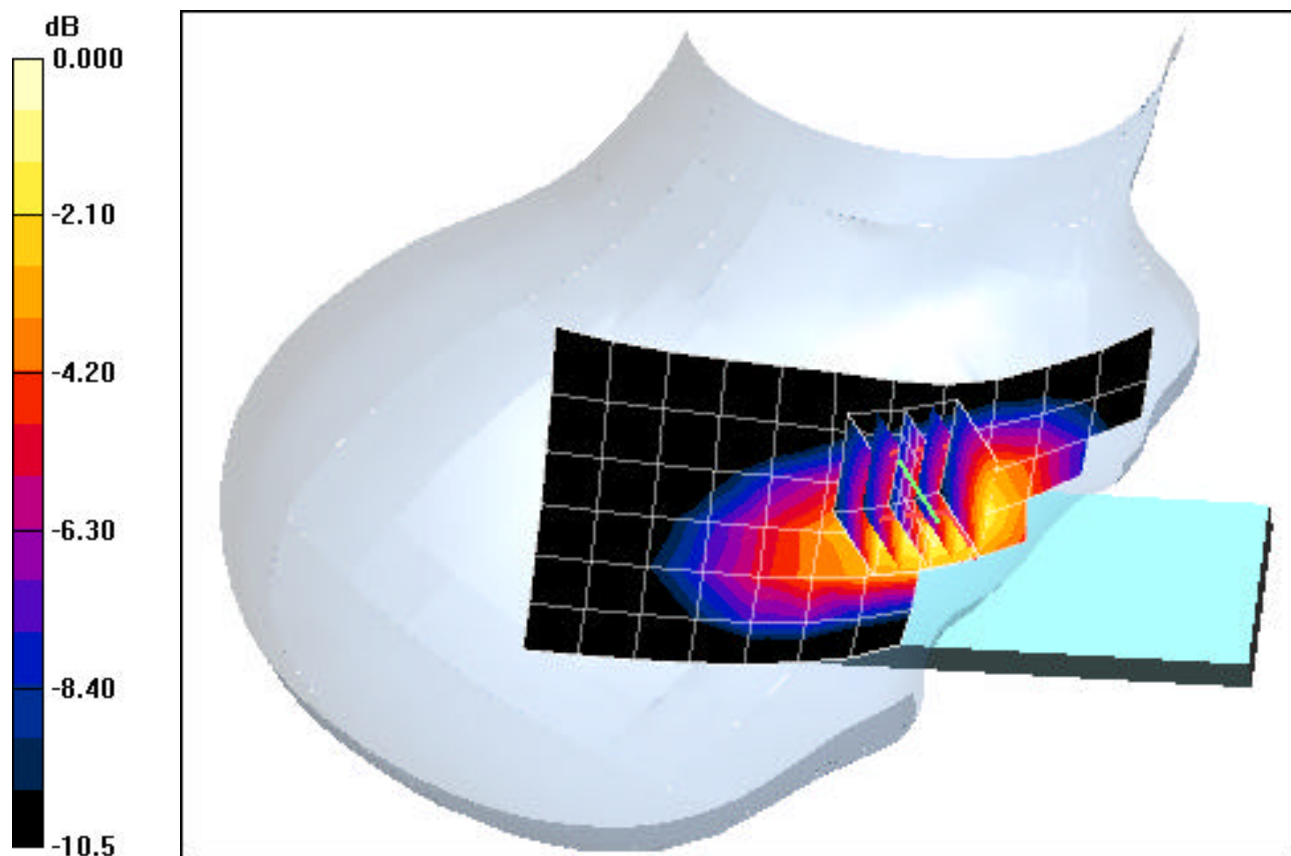
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 11.5 V/m

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.758 mW/g



0 dB = 1.32mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

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

Medium: 835 Brain ($\sigma = 0.88$ mho/m, $\epsilon_r = 40.82$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Tilt, Mid.ch, Standard Battery, Antenna Internal

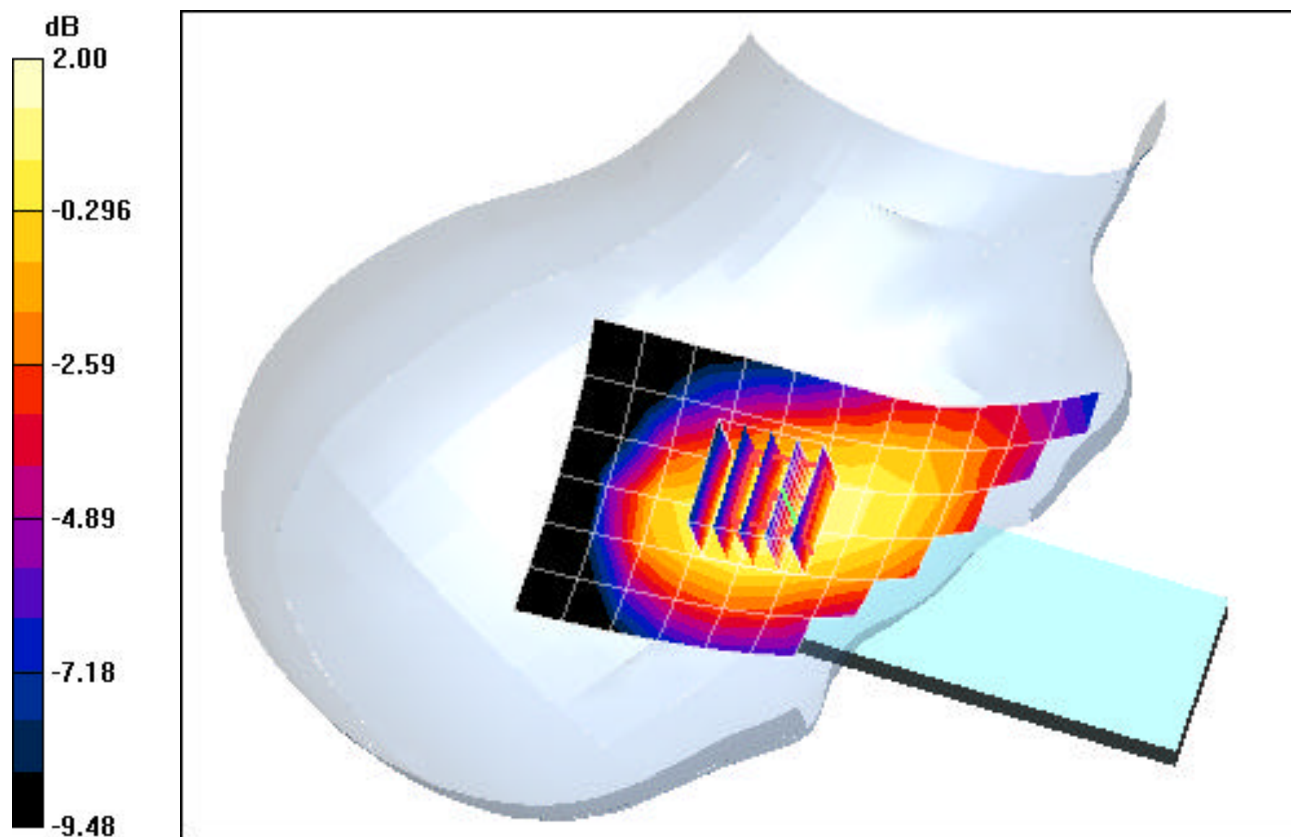
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.4 V/m

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.165 mW/g



0 dB = 0.243mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.88$ mho/m, $\epsilon_r = 40.82$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Touch, Low.ch, Standard Battery, Antenna Internal

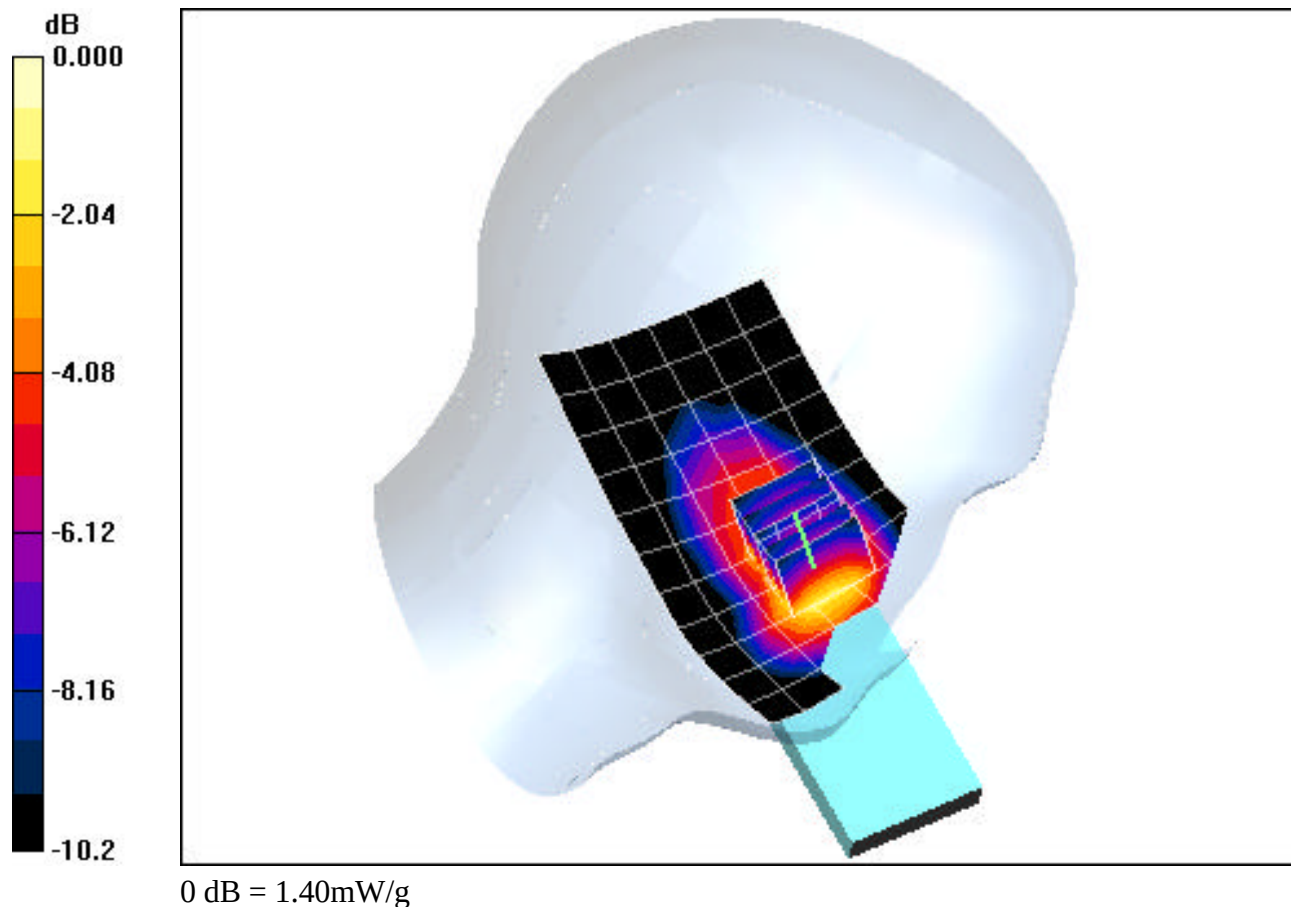
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.5 V/m

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.807 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH -U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

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

Medium: 835 Brain ($\sigma = 0.88$ mho/m, $\epsilon_r = 40.82$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Antenna Internal

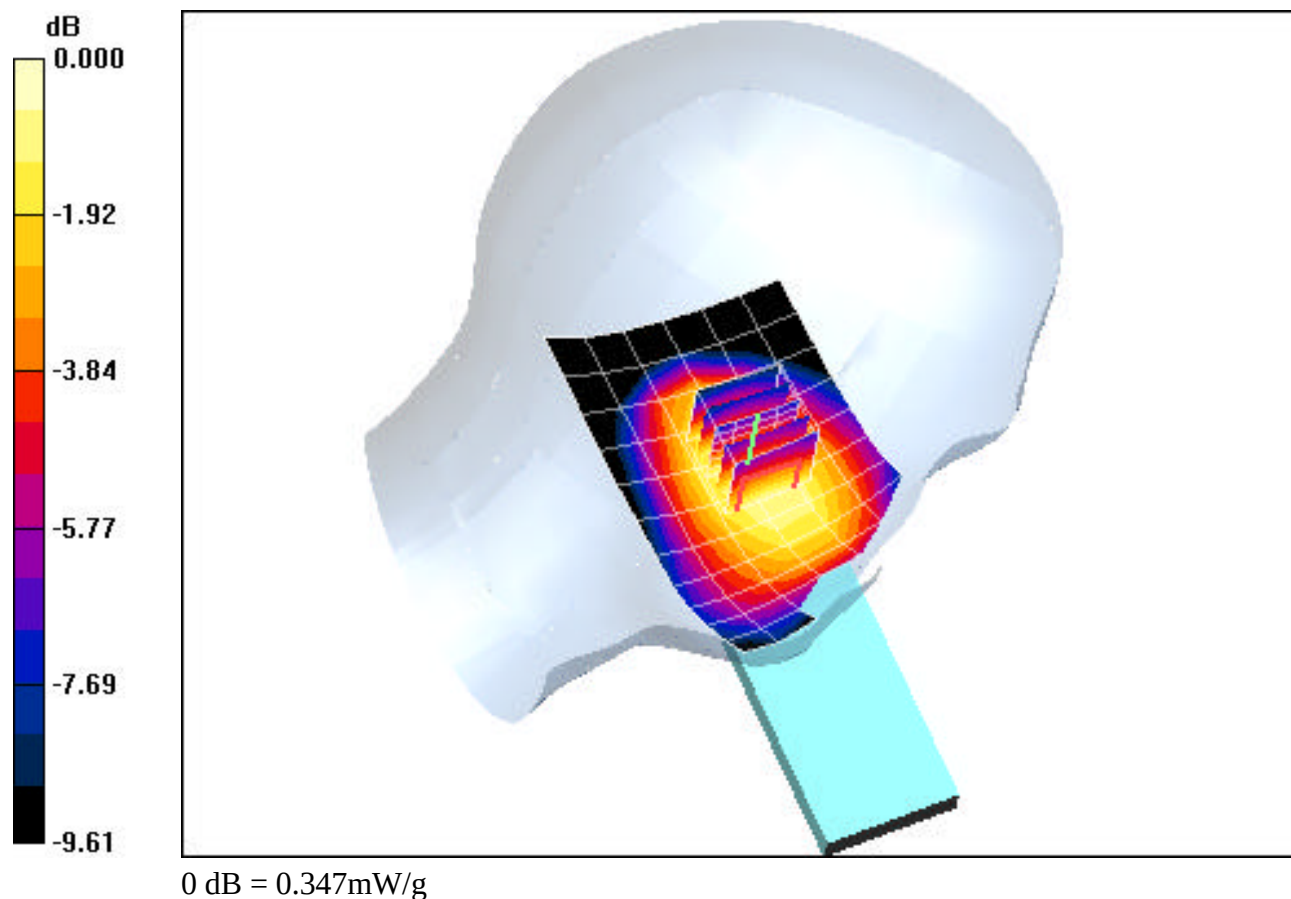
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.4 V/m

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.231 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 38.10$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-28-2007; Ambient Temp: 23.9°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, High.ch, Standard Battery, Antenna Internal

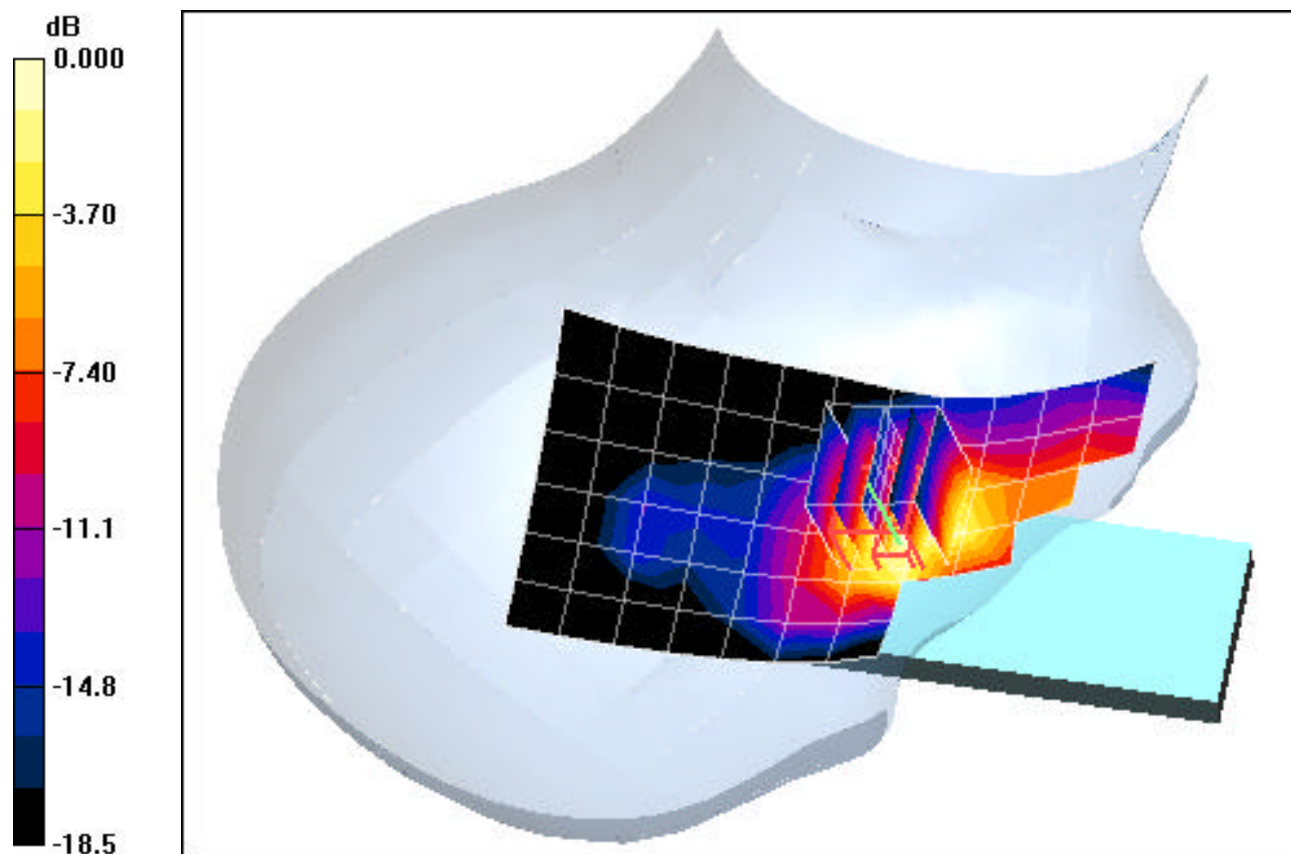
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.14 V/m

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.625 mW/g



0 dB = 1.60mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 38.10$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-28-2007; Ambient Temp: 23.9°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, Antenna Internal

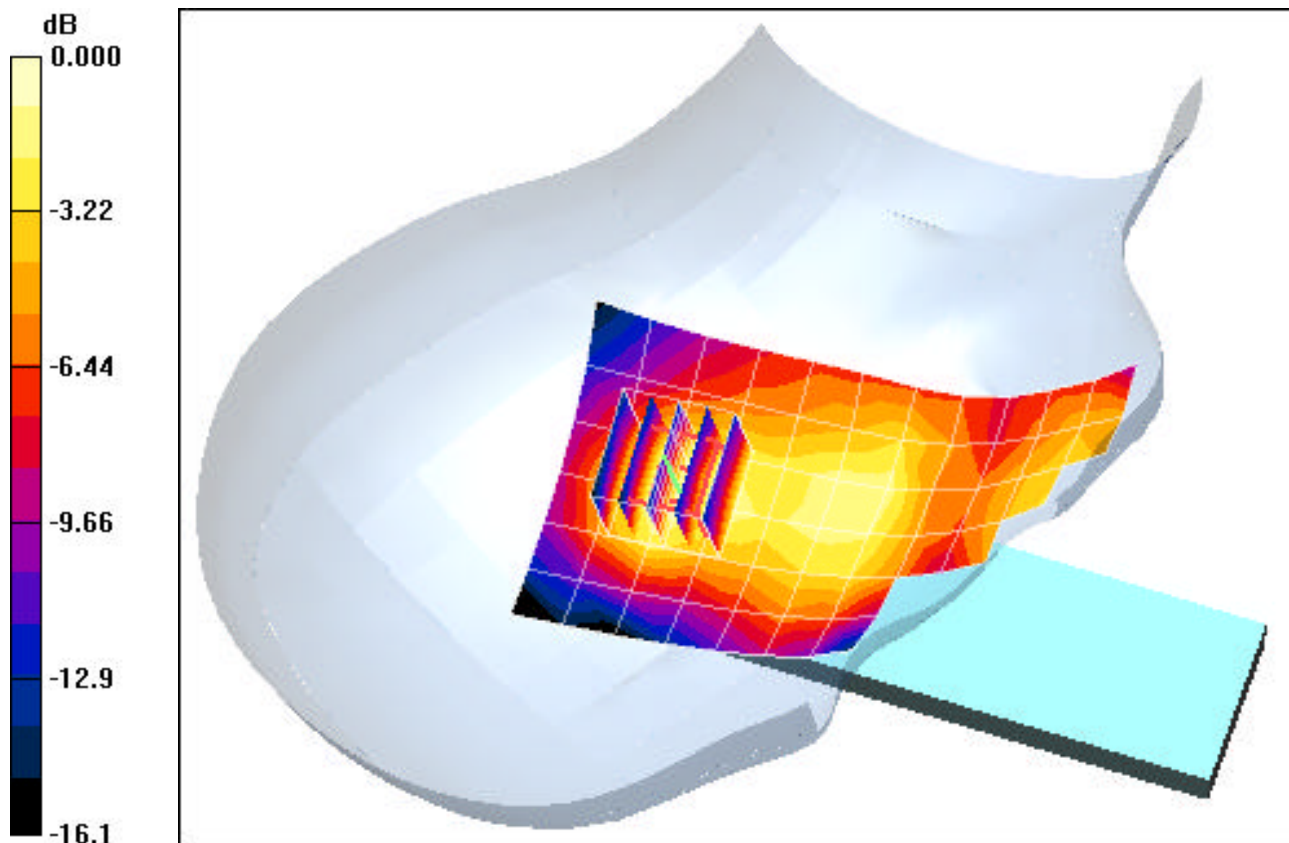
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.09 V/m

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.052 mW/g



0 dB = 0.108mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 38.10$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-28-2007; Ambient Temp: 23.9°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, High.ch, Standard Battery, Antenna Internal

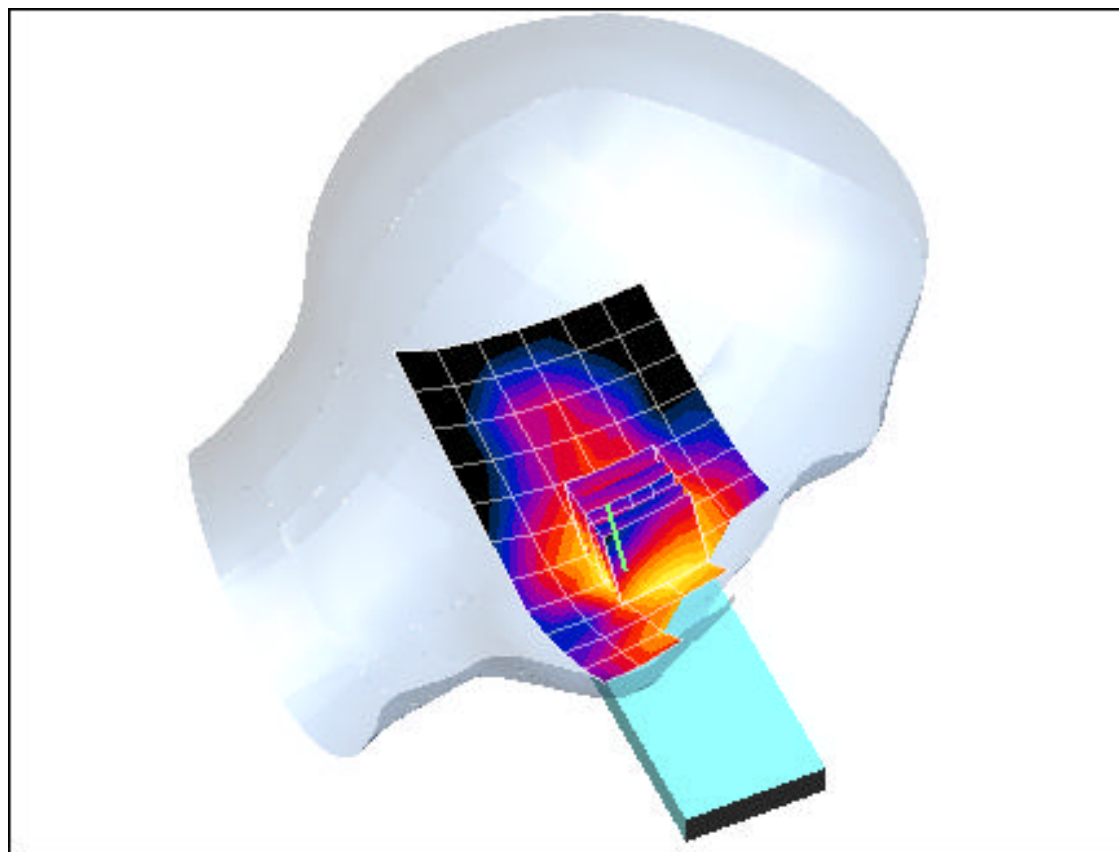
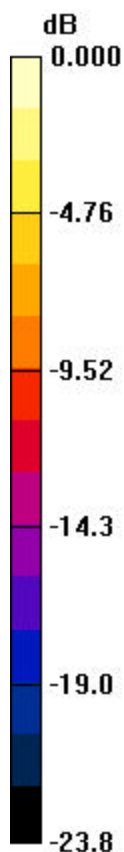
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.49 V/m

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.983 mW/g; SAR(10 g) = 0.461 mW/g



0 dB = 1.25mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

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

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 38.10$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-28-2007; Ambient Temp: 23.9°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, Antenna Internal

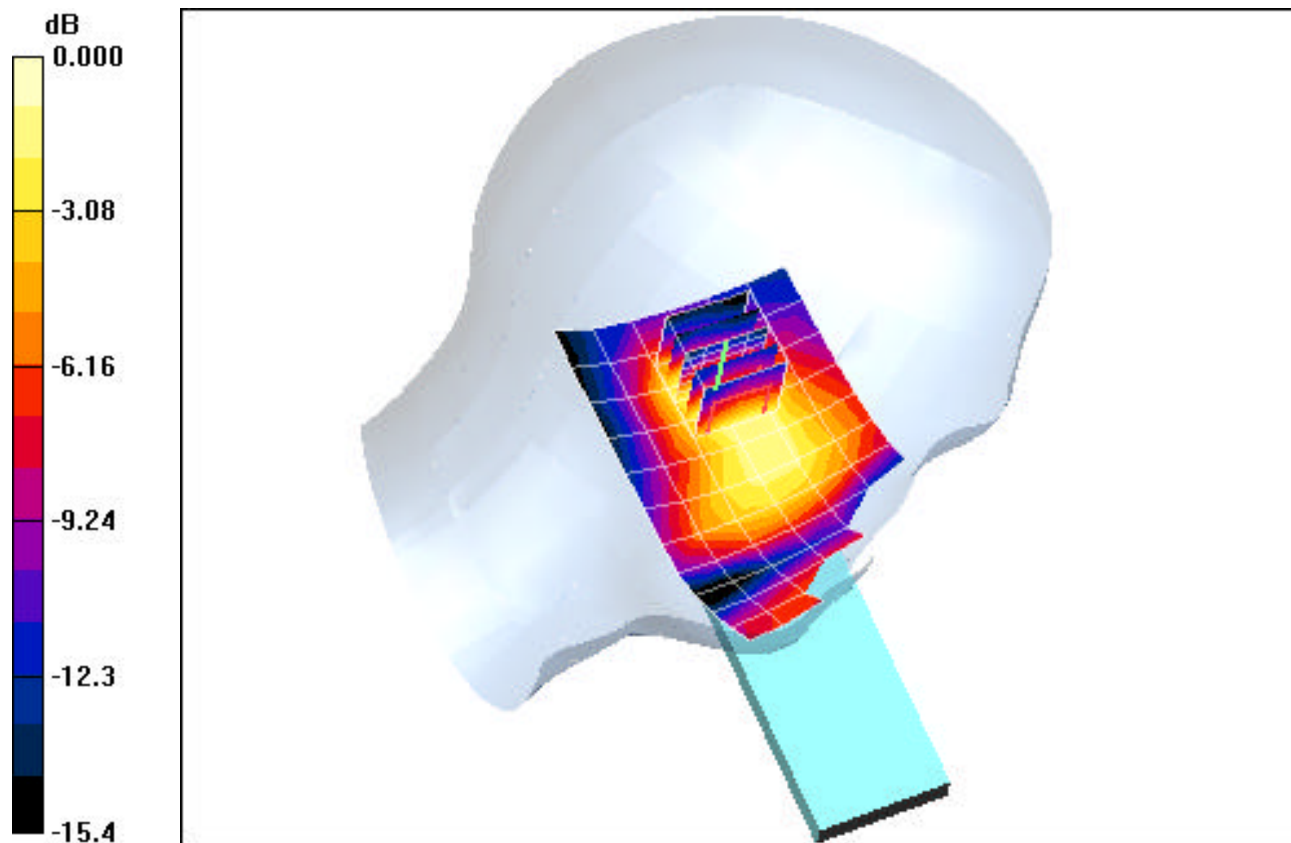
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 8.52 V/m

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.066 mW/g



0 dB = 0.135mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.94$ mho/m, $\epsilon_r = 52.92$, $\rho = 1000$ kg/m³)

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

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Antenna Internal

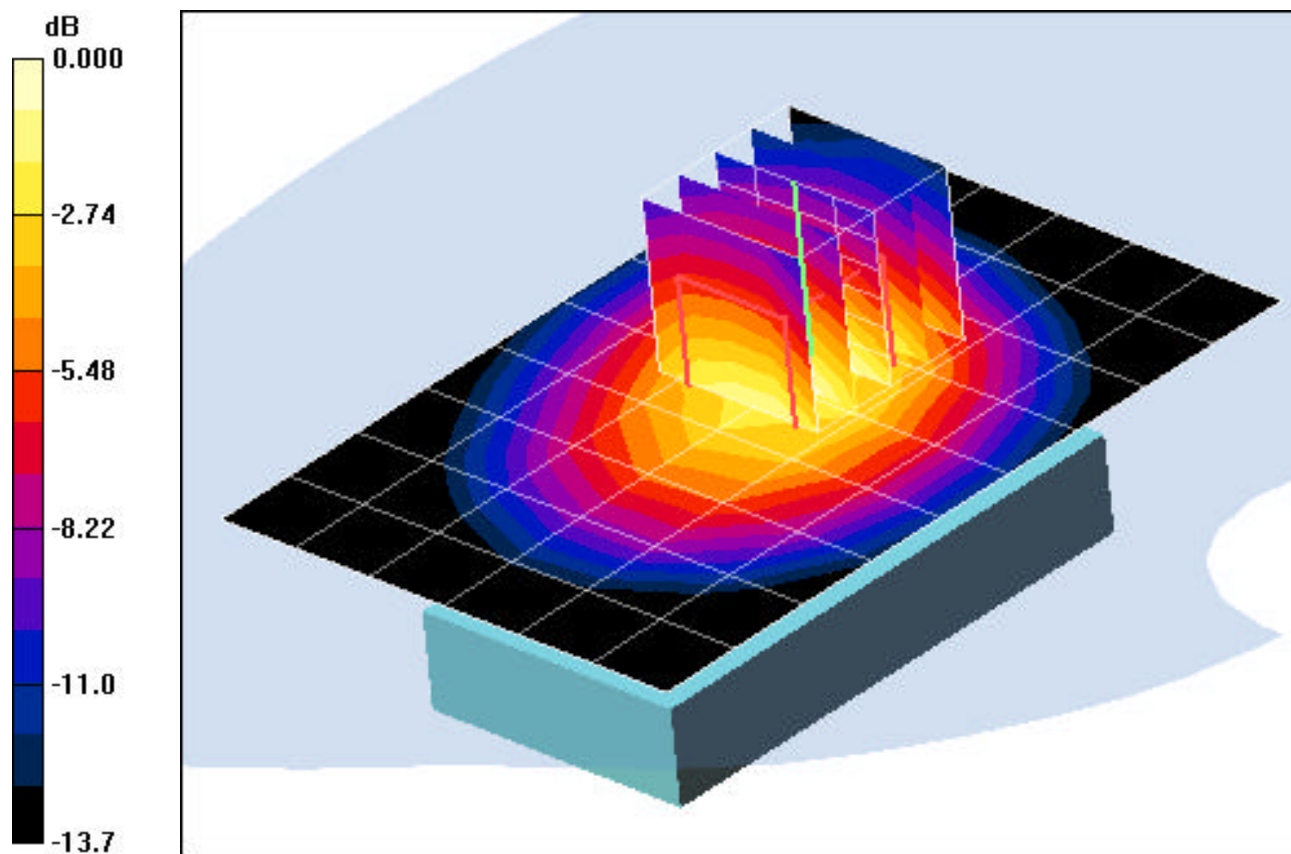
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.244 mW/g



0 dB = 0.429mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

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

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 55.64$, $\rho = 1000$ kg/m³)

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

Test Date: 03-28-2007; Ambient Temp: 23.9°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, Antenna Internal

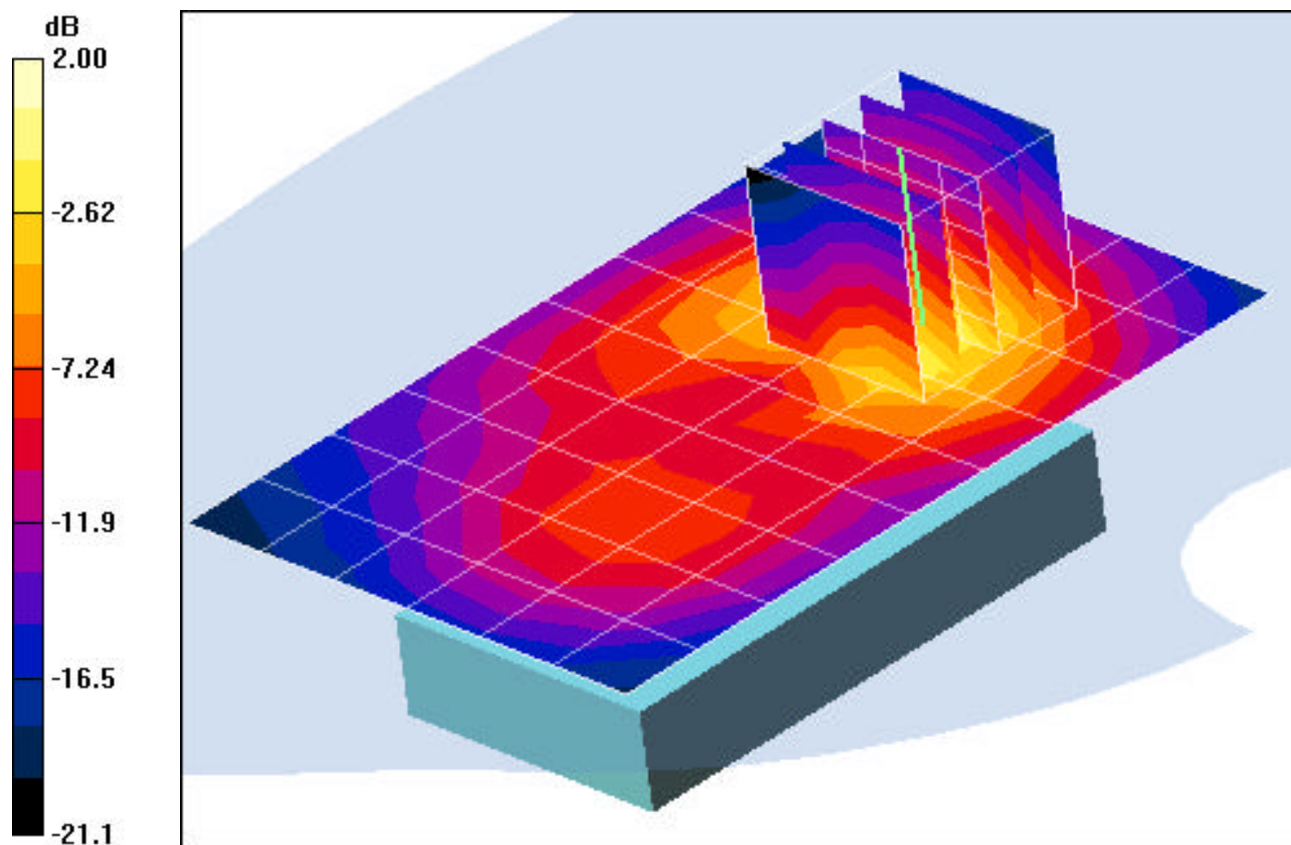
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 20.2 V/m

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.396 mW/g



0 dB = 0.903mW/g

PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

Communication System: Cellular CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 835 Brain ($\sigma = 0.88$ mho/m, $\epsilon_r = 40.82$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Touch, Low.ch, Standard Battery, Antenna Internal

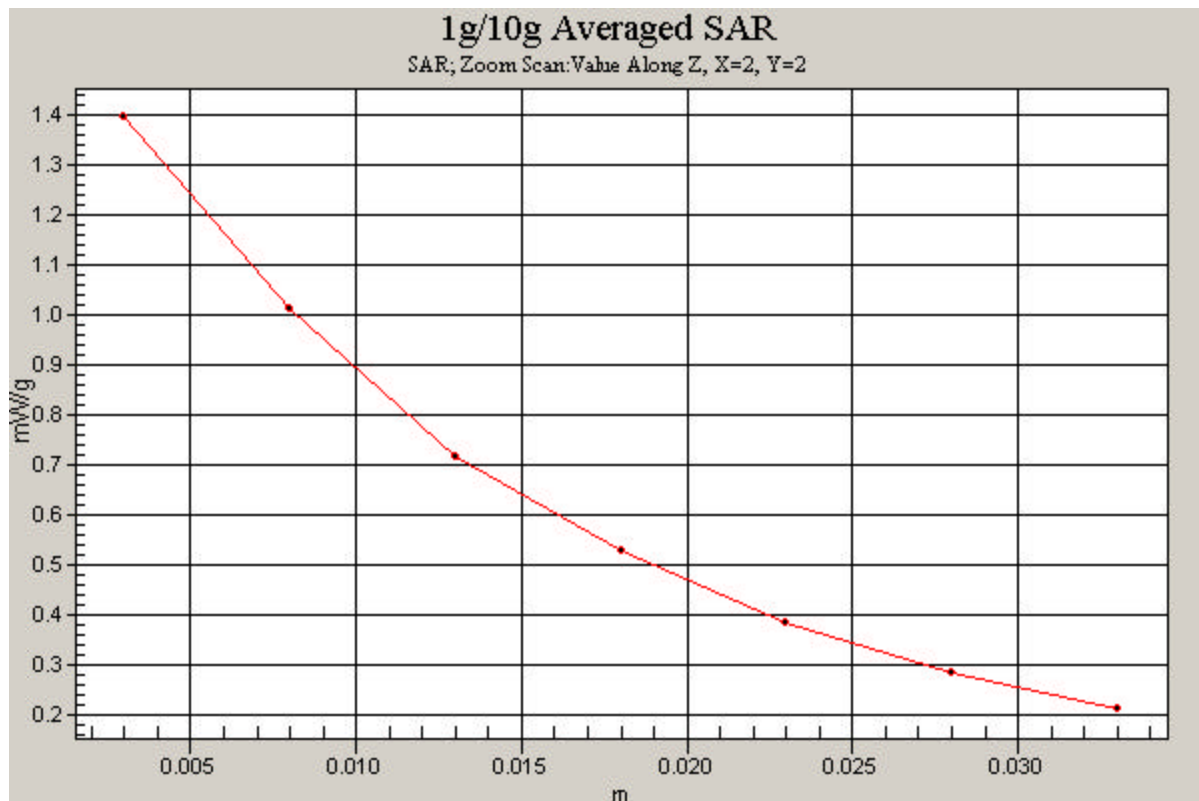
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 14.5 V/m

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.807 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

Communication System: PCS CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: 1900 Brain ($\sigma = 1.43$ mho/m, $\epsilon_r = 38.10$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

Test Date: 03-28-2007; Ambient Temp: 23.9°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, High.ch, Standard Battery, Antenna Internal

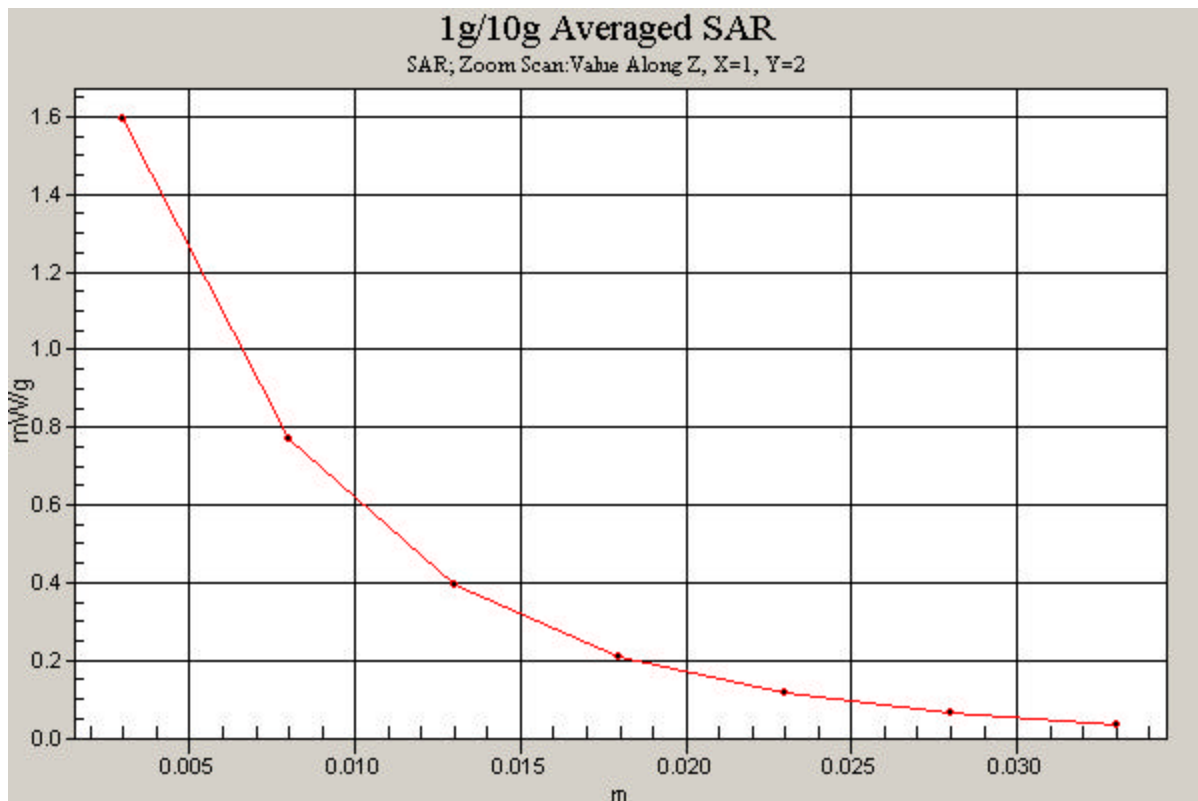
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 7.14 V/m

Peak SAR (extrapolated) = 2.49 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.625 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 25.0 dBm

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

Medium: 835 Muscle ($\sigma = 0.94$ mho/m, $\epsilon_r = 52.92$, $\rho = 1000$ kg/m³)

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

Test Date: 03-27-2007; Ambient Temp: 23.7°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, Antenna Internal

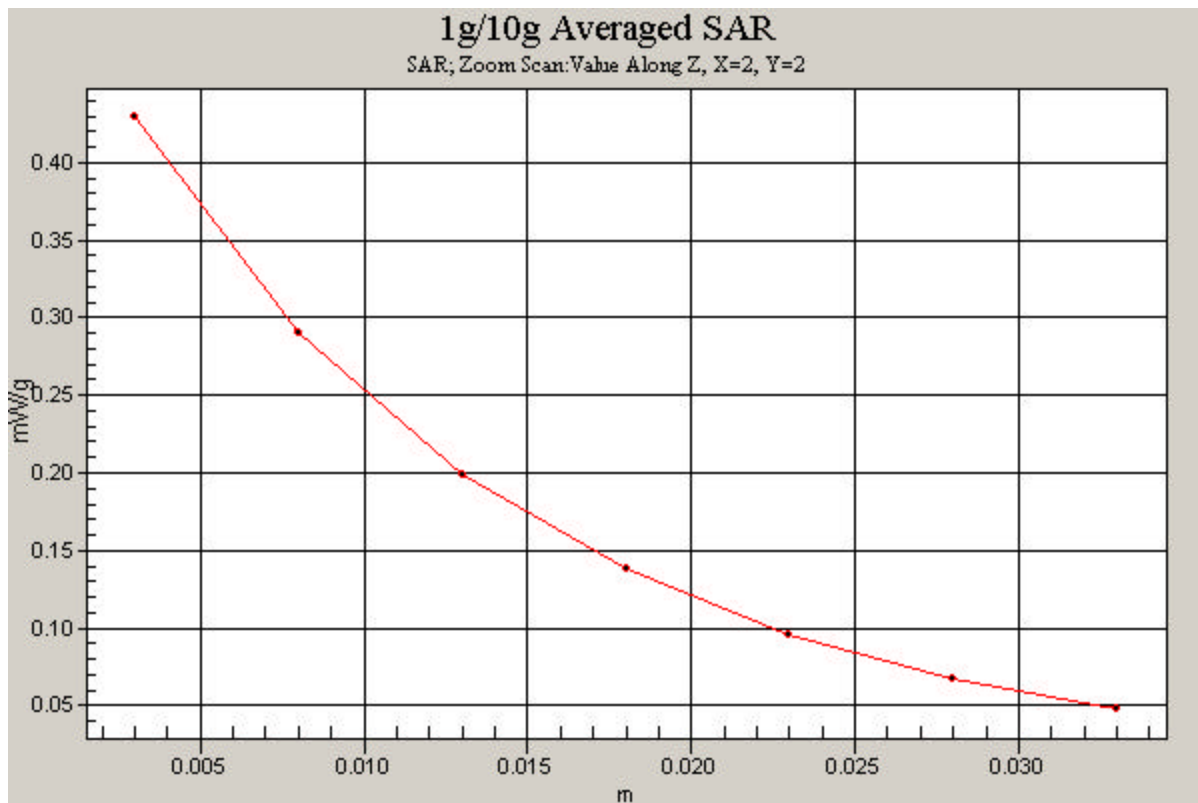
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.244 mW/g



PCTEST ENGINEERING LABORATORY, INC.

DUT: Samsung SCH-U540T; Type: CDMA Dual Band Phone with EvDO + BT; SN: FE-047-B
Conducted Power: 24.5 dBm

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

Medium: 1900 Muscle ($\sigma = 1.59$ mho/m, $\epsilon_r = 55.64$, $\rho = 1000$ kg/m³)

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

Test Date: 03-28-2007; Ambient Temp: 23.9°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, 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 = 20.2 V/m

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.396 mW/g

