

# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCH-U310; Type: Cellular/PCS CDMA Phone; Serial: FF-111-B**

Communication System: Cellular CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: 835 Brain ( $\sigma = 0.94$  mho/m,  $\epsilon_r = 42.75$ ,  $\rho = 1000$  kg/m<sup>3</sup>)  
Phantom section: Right Section

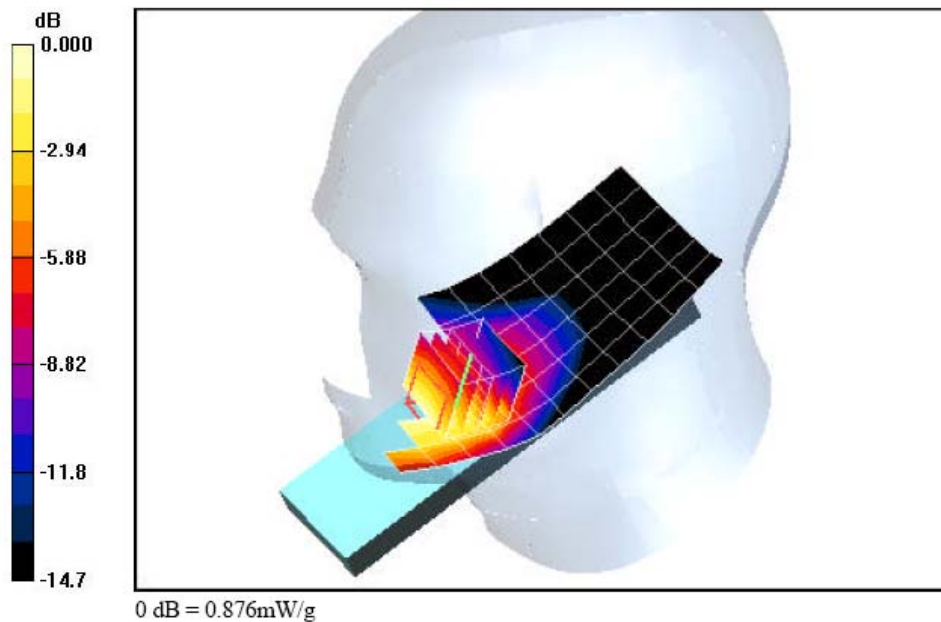
Test Date: 06-23-2008; Ambient Temp: 23.6°C; Tissue Temp: 21.9°C

Probe: ES3DV2 - SN3022; ConvF(6.22, 6.22, 6.22); Calibrated: 10/23/2007  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Electronics: DAE4 Sn665; Calibrated: 8/29/2007  
Phantom: SAM Sub; Type: SAM 4.0; Serial: TP-1357  
Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Mode: Cellular CDMA, 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 = 2.68 V/m  
Peak SAR (extrapolated) = 1.19 W/kg  
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.537 mW/g



# PCTEST ENGINEERING LABORATORY, INC.

**DUT: SCH-U310; Type: Cellular/PCS CDMA Phone; Serial: FF-111-B**

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

Medium: 835 Brain ( $\sigma = 0.94$  mho/m,  $\epsilon_r = 42.75$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Phantom section: Flat Section; Space: 2.6 cm

Test Date: 06-23-2008; Ambient Temp: 23.6°C; Tissue Temp: 21.9°C

Probe: ES3DV2 - SN3022; ConvF(6.22, 6.22, 6.22); Calibrated: 10/23/2007

Sensor-Surface: 3mm (Mechanical Surface Detection)

Electronics: DAE4 Sn665; Calibrated: 8/29/2007

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

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

**Mode: Cellular CDMA, Mouth SAR, Low.ch, Standard Battery (replacing Left Head, Touch)**

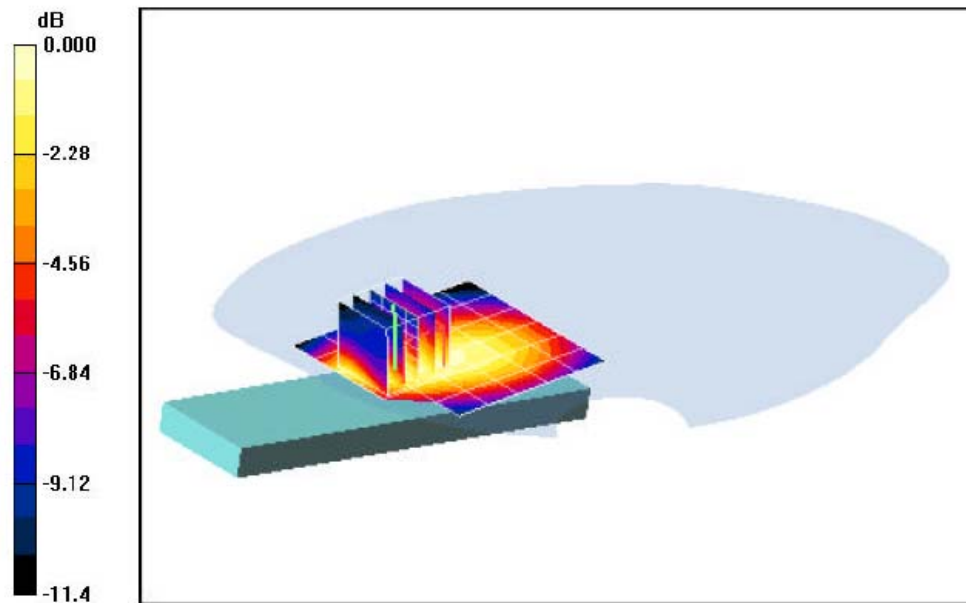
**Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Reference Value = 27.9 V/m

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.629 mW/g



0 dB = 1.02mW/g