

**Appendix B-2:**  
**CDMA 800 (Head)**  
**SAR Distribution Plots**

Date/Time: 04/12/05 11:11:40

Test Laboratory: Kyocera

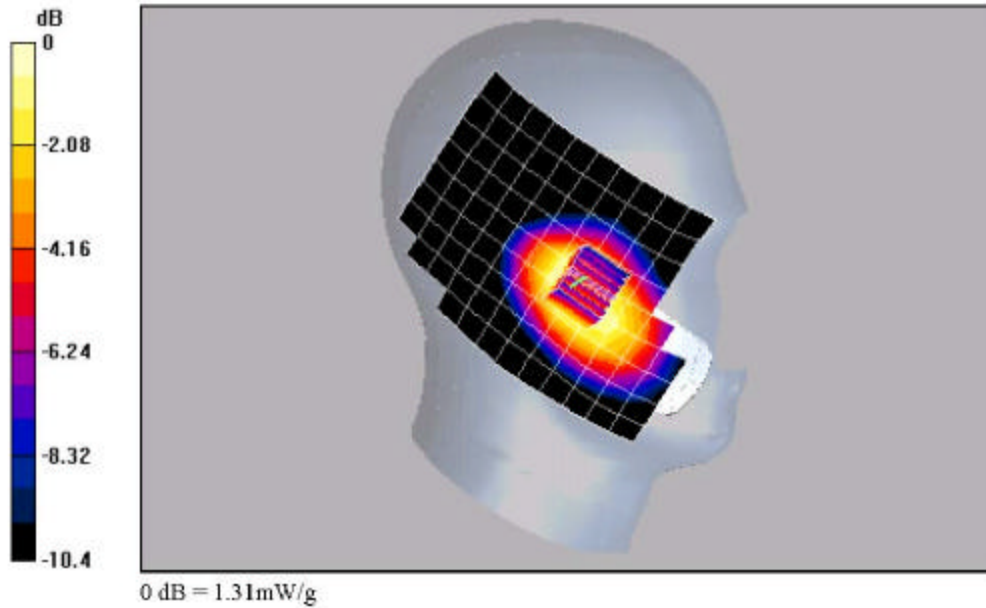
**KX5-5C1 #R5NC CDMA-800 ch777 Left Cheek Phone Open**

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (interpolated):  $f = 848.31$  MHz,  $\sigma = 0.92$  mho/m,  $\epsilon_r = 41.7$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**  
 Probe: ETSDV6 - SN1664, CoreF(6.56, 6.56, 6.56), Calibrated: 9/2/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)  
 Electronics: DAE4 Sn002, Calibrated: 8/27/2004  
 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

**CDMA-800 ch777 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5mm, dy=5mm, dz=5mm$   
 Reference Value = 21.9 V/m; Power DnB = -0.1 dB  
 Peak SAR (extrapolated) = 1.62 mW/g  
**SAR(1g) = 1.25 mW/g; SAR(10g) = 0.906 mW/g**  
 Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 1.31 mW/g



Date/Time: 04/1/2015 11:51:01

Test Laboratory: Kyocera

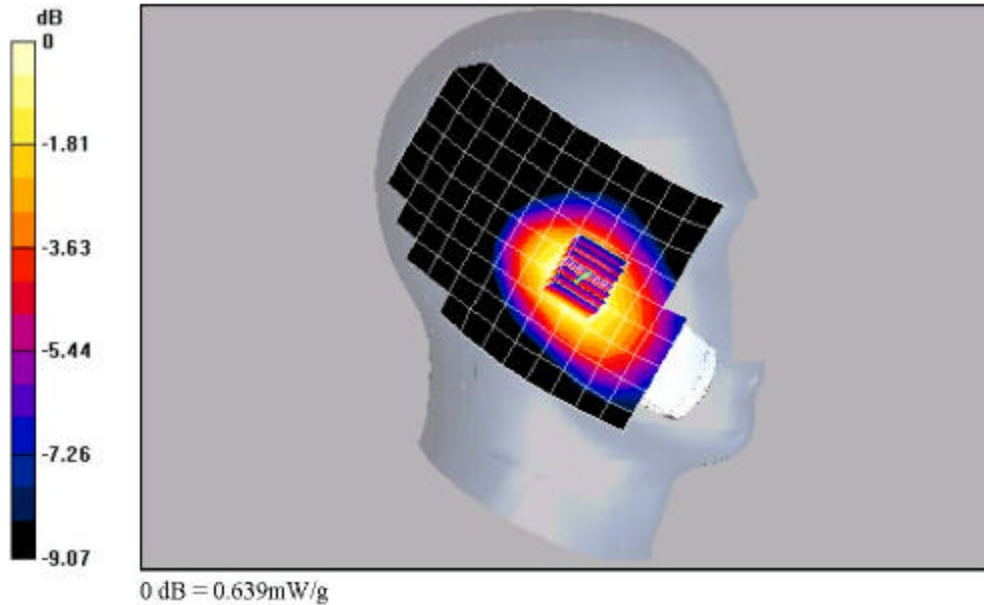
**KX5-5C0 #R6JD CDMA-800 ch383 Left Tilt Phone Open, Extended Battery**

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (if not specified):  $f = 836.49$  MHz,  $\sigma = 0.92$  mho/m,  $\epsilon_r = 41.7$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 1.2 Phantom section: Left Section

**DASY4 Configuration:**  
 Probe: ETSDV6 - SN1664, ConnF(6.56, 6.56, 6.56), Calibrated: 9/2/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 3/27/2004  
 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

**CDMA-800 ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm**  
 Reference Value = 21.3 V/m; Power DnB = 0.1 dB  
 Peak SAR (extrapolated) = 0.771 W/kg  
**SAR(1g) = 0.605 mW/g SAR(10g) = 0.444 mW/g**  
 Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 0.639 mW/g



Date/Time: 04/11/05 15:13:43

Test Laboratory: Kyocera

**KX5-5C1 #R5NC CDMA-800 ch777 Right Cheek Phone Open**

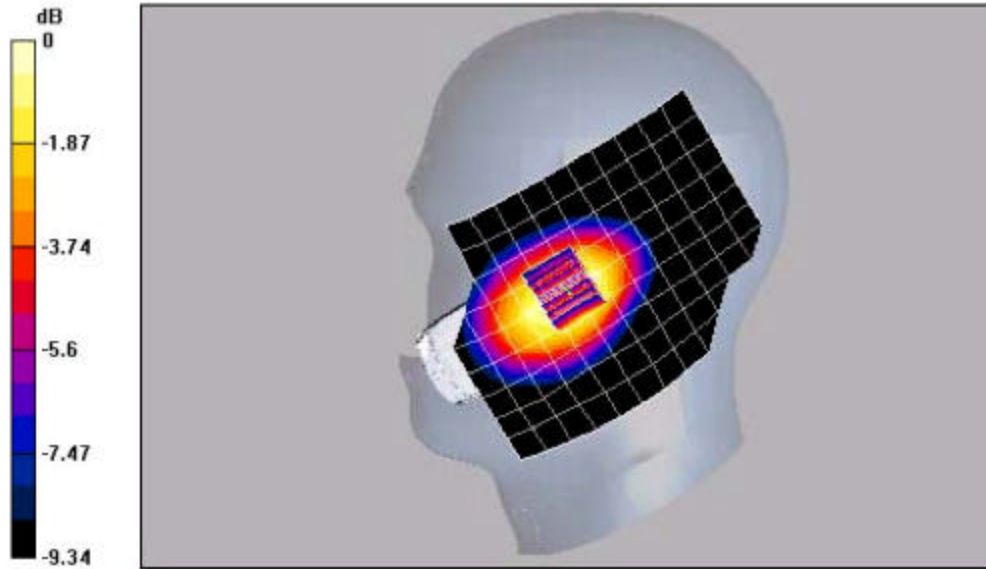
Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (interpolated):  $f = 848.31$  MHz,  $\sigma = 0.9$  mho/m,  $\epsilon_r = 40.1$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**  
 Probe: ETSDV6 - SN1664, Coax(F(6.56, 6.56, 6.56)), Calibrated: 9/2/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 8/27/2004  
 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

**CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.9 V/m, Power Drift = -0.1 dB  
 Peak SAR (extrapolated) = 1.48 W/kg  
**SAR(1g) = 1.15 mW/g, SAR(10g) = 0.850 mW/g**  
 Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 1.24 mW/g



Test Laboratory: Kyocera

**KX5-5C0 #R6JD CDMA-800 ch383 Right Tilt Phone Open**

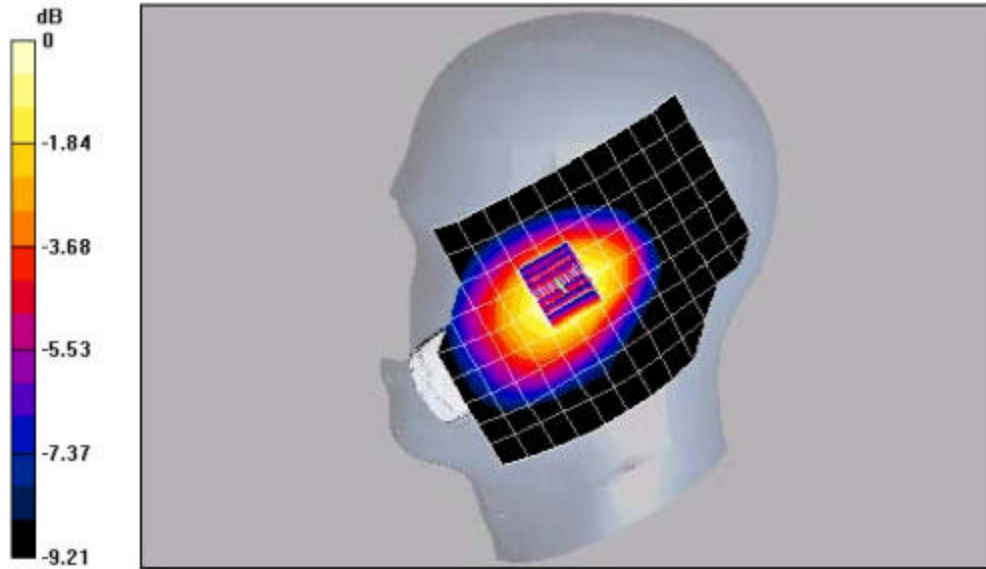
Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (interpolated):  $f = 836.49$  MHz,  $\sigma = 0.9$  nls/m,  $\epsilon_r = 40.1$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, ConnF(6.56, 6.56, 6.56), Calibrated: 9/2/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 S0602, Calibrated: 8/27/2004  
 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

**CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.8 V/m, Power Drift = -0.2 dB  
 Peak SAR (extrapolated) = 0.703 W/kg  
**SAR(1g) = 0.556 mW/g, SAR(10g) = 0.406 mW/g**  
 Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 0.586 mW/g



0 dB = 0.586mW/g

Date/Time: 04/1 2015 16:22:25

Test Laboratory: Kyocera

**KX5-5C1 #R5NC CDMA-800 ch777 Left Cheek Phone Closed**

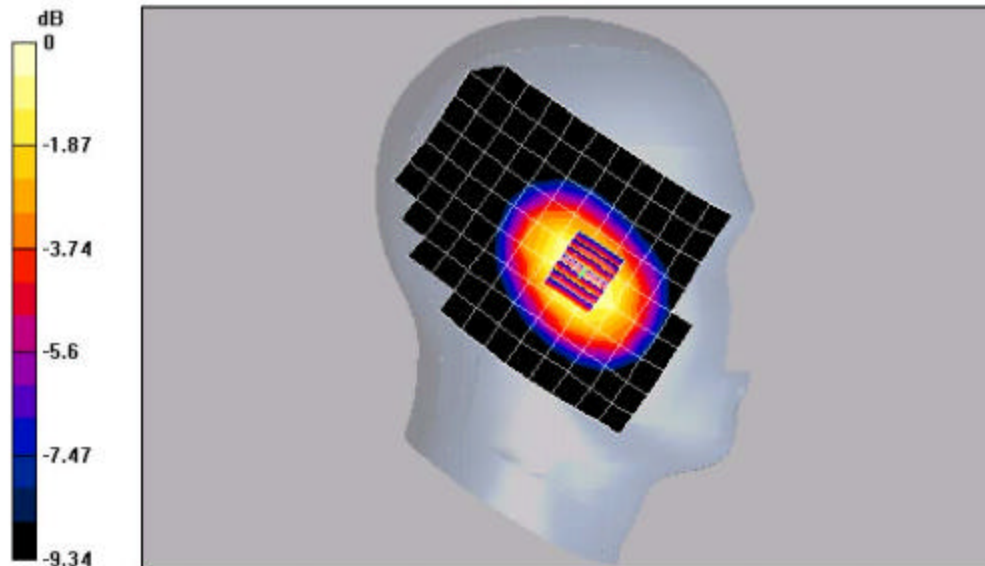
Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (if extrapolated):  $f = 848.31$  MHz,  $\sigma = 0.92$  mho/m,  $\epsilon_r = 41.7$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**  
 Probe: ETSDV6 - SN1664, ConnF(6.56, 6.56, 6.56), Calibrated: 9/2/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 S0602, Calibrated: 8/27/2004  
 Measurement SW: DASY4, V4.4 Build 3  
 Postprocessing SW: SEMCAD, V1.8 Build 130

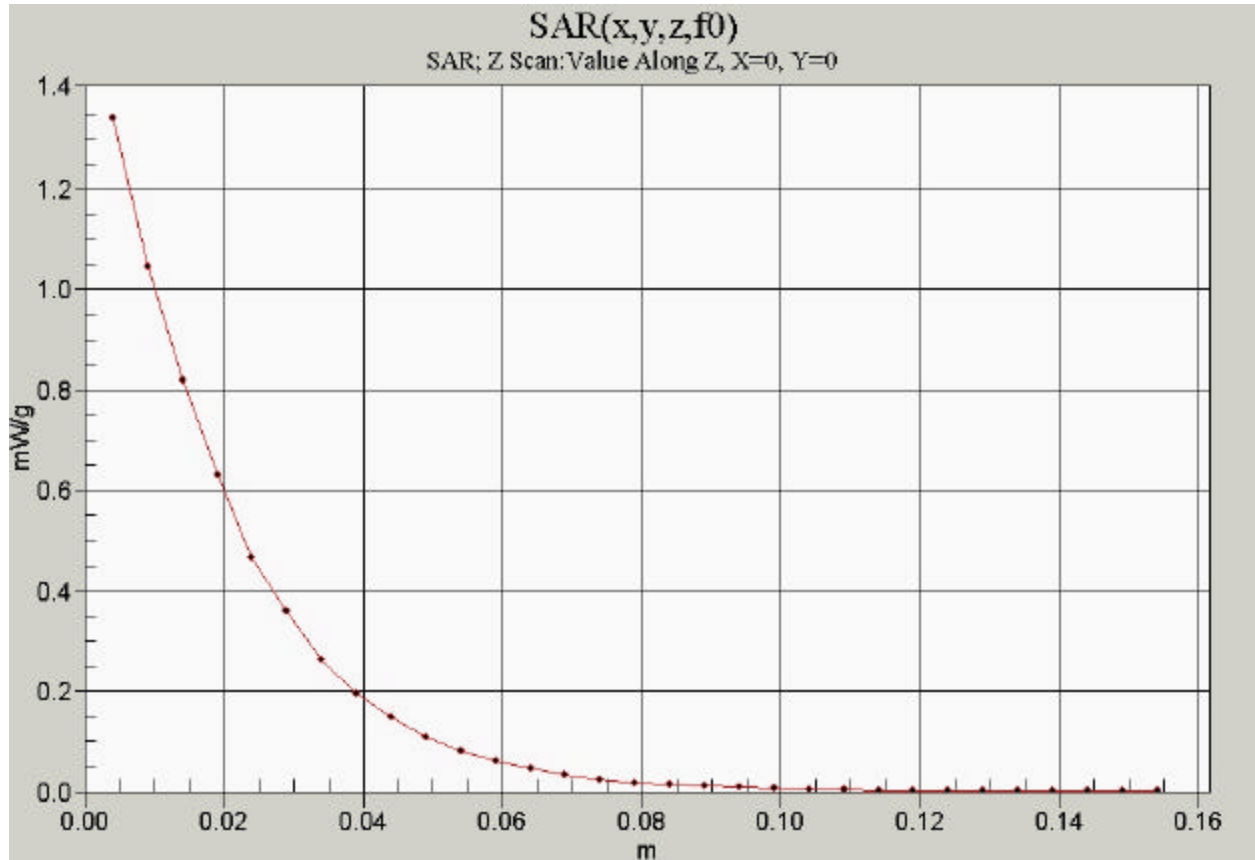
**Temperature:**  
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

**CDMA-800 ch777 LC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.6 V/m, Power Drift = 0.1 dB  
 Peak SAR (extrapolated) = 1.74 W/kg  
**SAR(1g) = 1.34 mW/g, SAR(10g) = 0.969 mW/g**  
 Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g



Date/Time: 04/08/05 01:24:37

Test Laboratory: Kyocera

**KX5-5C0 #R6JD CDMA-800 ch1013 Left Tilt Phone Closed**

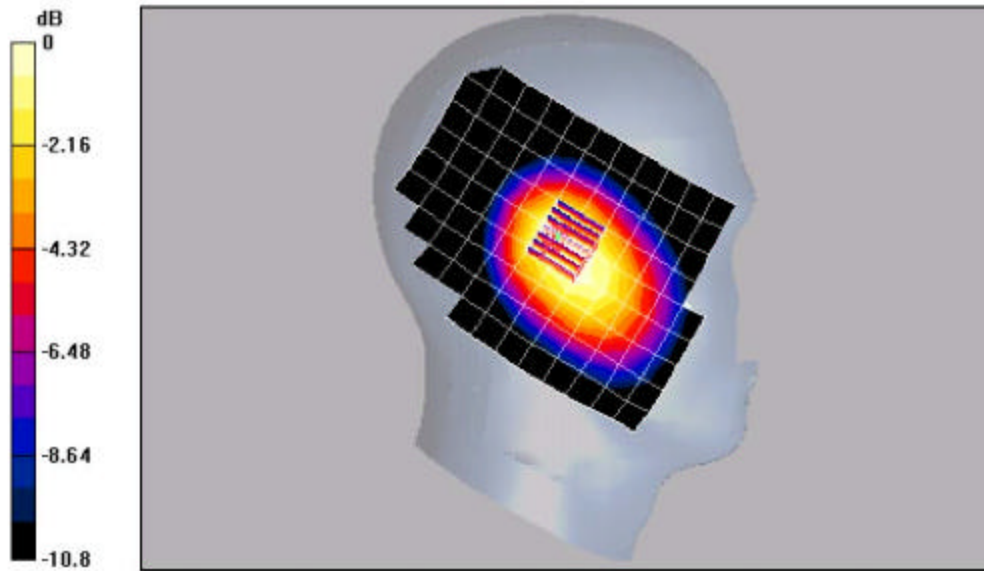
Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1  
 Medium: HSL900, Medium parameters used (if extrapolated):  $f = 824.7$  MHz,  $\sigma = 0.897$  mho/m,  $\epsilon_r = 40$ ,  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: SAM 12, Phantom section: Left Section

**DASY4 Configuration:**  
 Probe: ET3DV6 - SN1664, CoreF(6.56, 6.56, 6.56), Calibrated: 9/2/2004  
 Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),  
 Electronics: DAE4 Sn602, Calibrated: 8/27/2004  
 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

**CDMA-800 ch1013 LT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.4 V/m, Power DnB = -0.1 dB  
 Peak SAR (extrapolated) = 1.25 W/kg  
**SAR(1 g) = 0.867 mW/g, SAR(10 g) = 0.628 mW/g**  
 Info: Interpolated medium parameters used for SAR evaluation!  
 Maximum value of SAR (measured) = 0.925 mW/g





Date/Time: 04/11/05 17:39:54

Test Laboratory: Kyocera

**KX5-5C1 #R5NC CDMA-800 ch777 Right Cheek Phone Closed**

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated):  $f = 848.31$  MHz,  $\sigma = 0.9$  nA/m,  $\epsilon_1 = 40.1$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 12, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, ConnF(6.56, 6.56, 6.56), Calibrated: 9/2/2004

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE4 Sn602, Calibrated: 8/27/2004

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

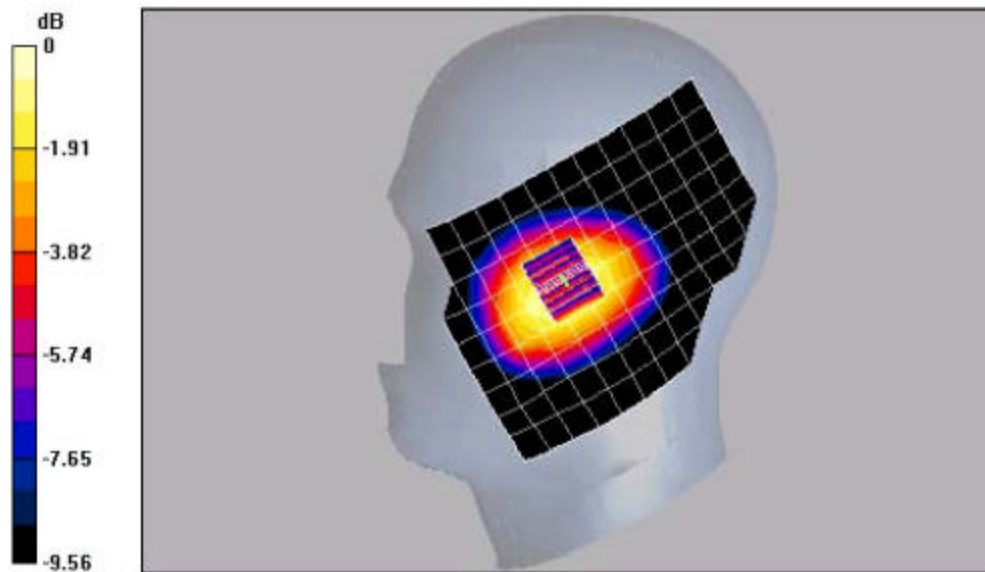
**CDMA-800 Ch777 RC/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.3 V/m, Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1g) = 1.25 mW/g, SAR(10g) = 0.897 mW/g

Info: Interpolated medium parameters used for SAR evaluation!



Date/Time: 04/08/05 17:12:13

Test Laboratory: Kyocera

**KX5-5C0 #R6JD CDMA-800 ch1013 Right Tilt Phone Closed**

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated):  $f = 824.7$  MHz,  $\sigma = 0.897$  mho/m,  $\epsilon_r = 40$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: SAM 1.2, Phantom section: Right Section

**DASY4 Configuration:**

Probe: ET3DV6 - SN1664, Coax(F(6.56, 6.56, 6.56)), Calibrated: 9/2/2004

Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),

Electronics: DAE4 Sn602, Calibrated: 8/27/2004

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

**CDMA-800 Ch1013 RT/Zoom Scan (7x7x7)/Cube 0:** Measurement grid dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.7 V/m, Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.791 mW/g, SAR(10 g) = 0.580 mW/g**

Info: Interpolated medium parameters used for SAR evaluation!

Maximum value of SAR (measured) = 0.848 mW/g

