

## Appendix A – System Performance Check

Date/Time: 6/6/2005 5:37:53 PM Date/Time: 6/6/2005 5:44:53 PM;

Test Laboratory: A Test Lab Techno Corp.

### System Performance Check at 1900MHz\_20050606\_Head

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d057**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Head\_1900MHz Medium parameters used:  $f = 1900$  MHz;  $s = 1.42$  mho/m;  $\epsilon_r = 40.2$ ;  
density = 1000 kg/m<sup>3</sup> ; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn393; Calibrated: 4/25/2005

- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

### System Performance Check at 1900MHz/Area Scan (61x101x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 11.0 mW/g

### System Performance Check at 1900MHz/Zoom Scan (7x7x7)/Cube 0:

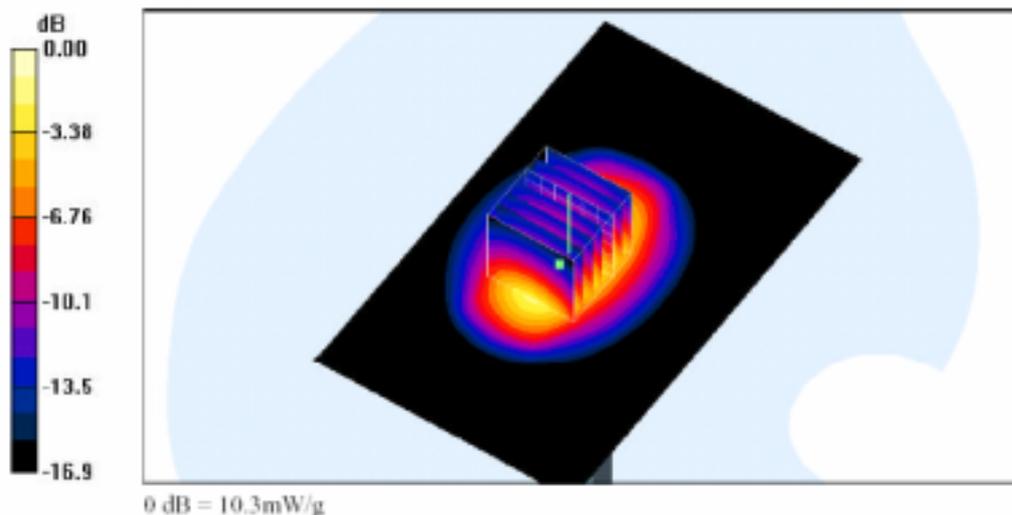
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.9 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 15.2 W/kg

**SAR(1 g) = 9.17 mW/g; SAR(10 g) = 4.97 mW/g**

Maximum value of SAR (measured) = 10.3 mW/g



### Head-Tissue-Simulating-Liquid 1900MHz

Date/Time: 7/5/2005 5:36:34 PM Date/Time: 7/5/2005 5:47:3

Test Laboratory: A Test Lab Techno Corp.

**System Performance Check at 1800MHz\_20050705**

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d057**

Communication System: CW; Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium: Head 1800MHz Medium parameters used (interpolated):  $f = 1800 \text{ MHz}$ ;  $s = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  
density =  $1000 \text{ kg/m}^3$ ; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

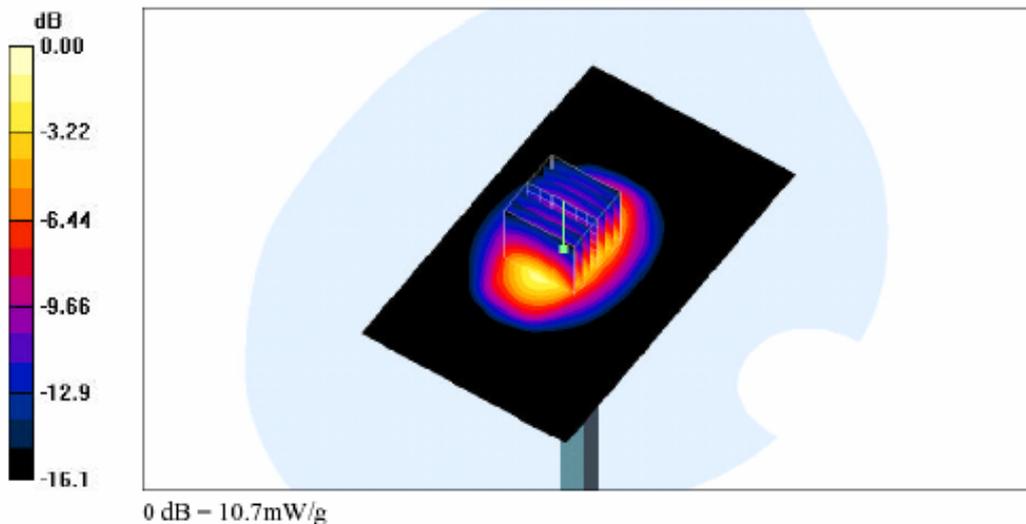
**System Performance Check at 1800MHz/Area Scan (61x101x1):**

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 11.1 mW/g

**System Performance Check at 1800MHz/Zoom Scan (7x7x7)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 83.8 V/m; Power Drift = -0.026 dB  
Peak SAR (extrapolated) = 15.9 W/kg  
**SAR(1 g) = 9.49 mW/g; SAR(10 g) = 5.14 mW/g**

Maximum value of SAR (measured) = 10.7 mW/g



**Head-Tissue-Simulating-Liquid 1800MHz**

Date/Time: 6/6/2005 3:46:17 PM Date/Time: 6/6/2005 3:53:40 PM;

Test Laboratory: A Test Lab Techno Corp.

**System Performance Check at 1900MHz\_20050606\_Body**

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d057**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Body\_1900MHz Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $s = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  
density =  $1000 \text{ kg/m}^3$  ; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.43, 4.43, 4.43); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**System Performance Check at 1900MHz/Area Scan (61x101x1):**

Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$  Maximum value of SAR (interpolated) =  $11.4 \text{ mW/g}$

**System Performance Check at 1900MHz/Zoom Scan (7x7x7)/Cube 0:**

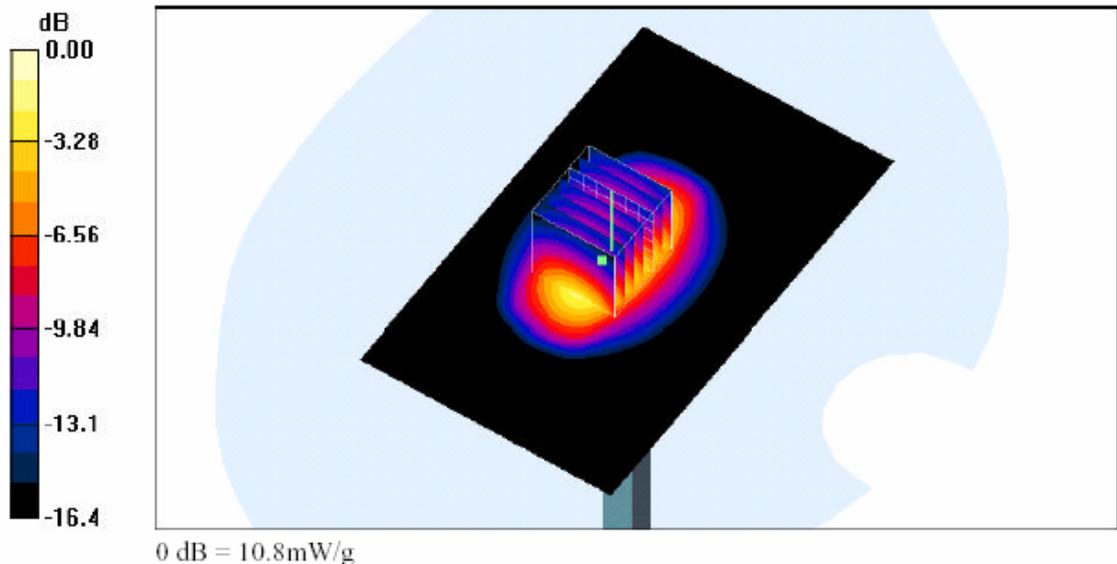
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $84.1 \text{ V/m}$ ; Power Drift =  $-0.103 \text{ dB}$

Peak SAR (extrapolated) =  $16.0 \text{ W/kg}$

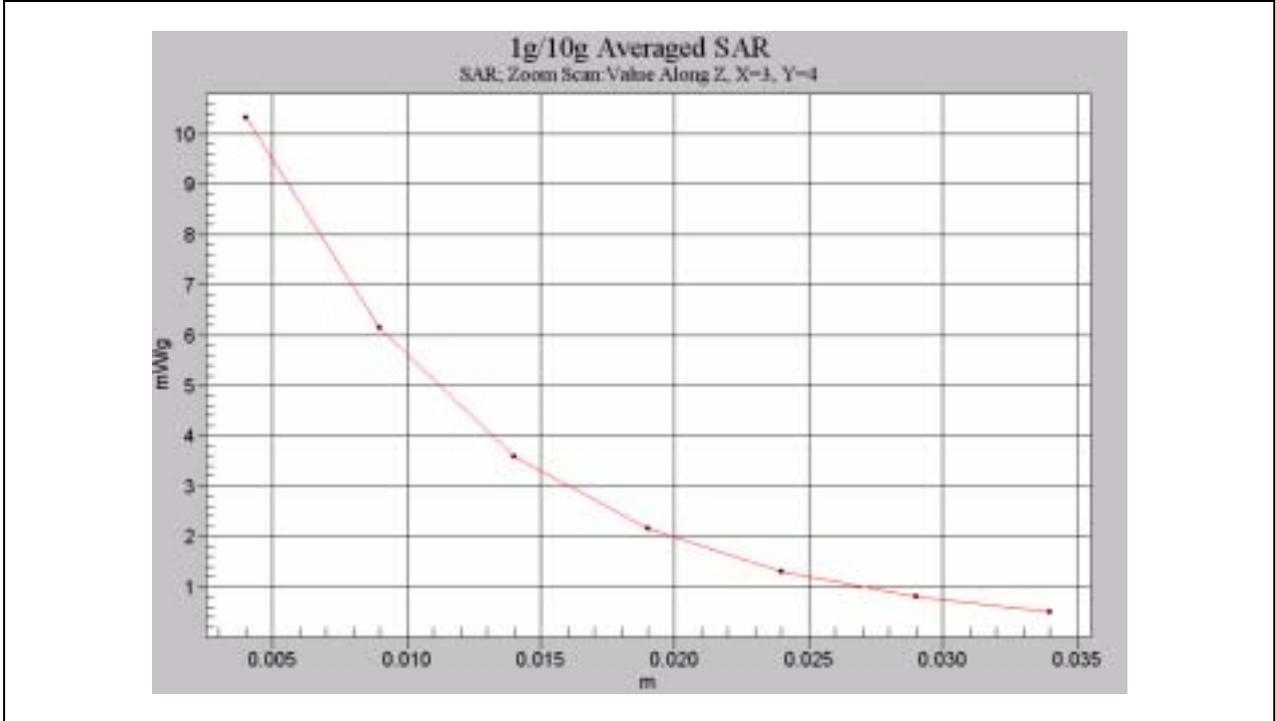
**SAR(1 g) =  $9.62 \text{ mW/g}$ ; SAR(10 g) =  $5.24 \text{ mW/g}$**

Maximum value of SAR (measured) =  $10.8 \text{ mW/g}$

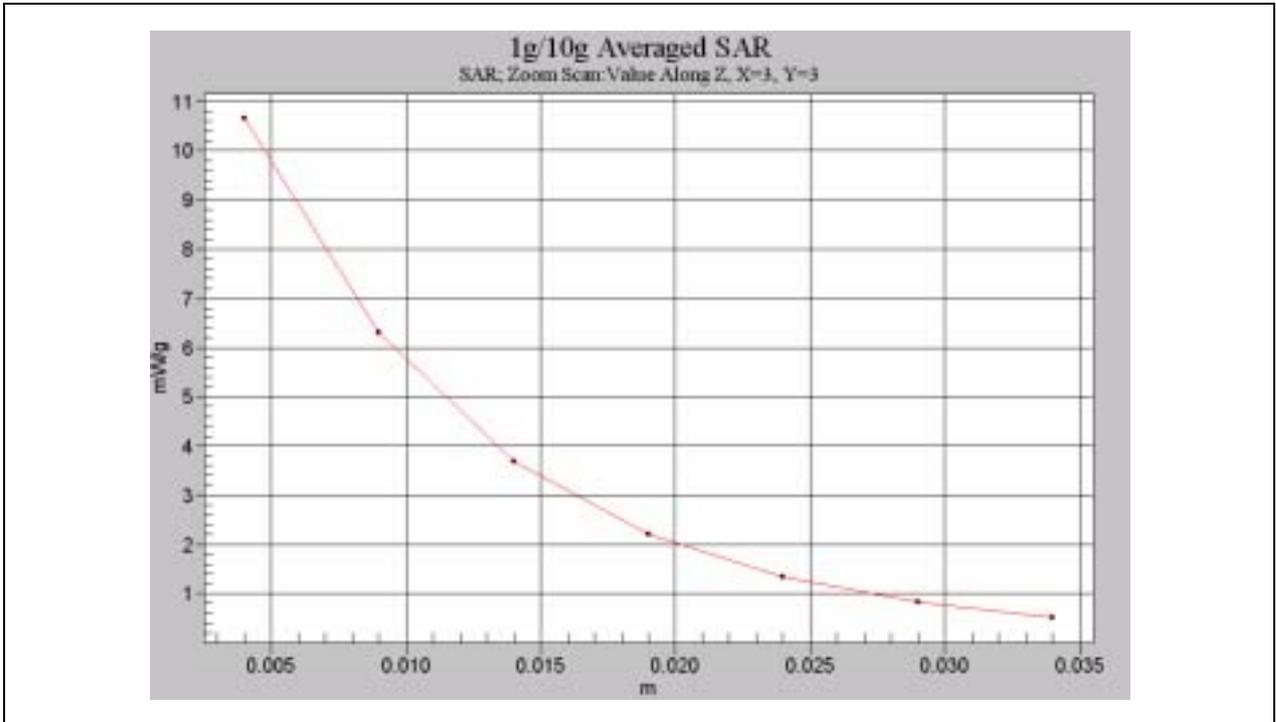


**Body-Tissue-Simulating-Liquid 1900MHz**

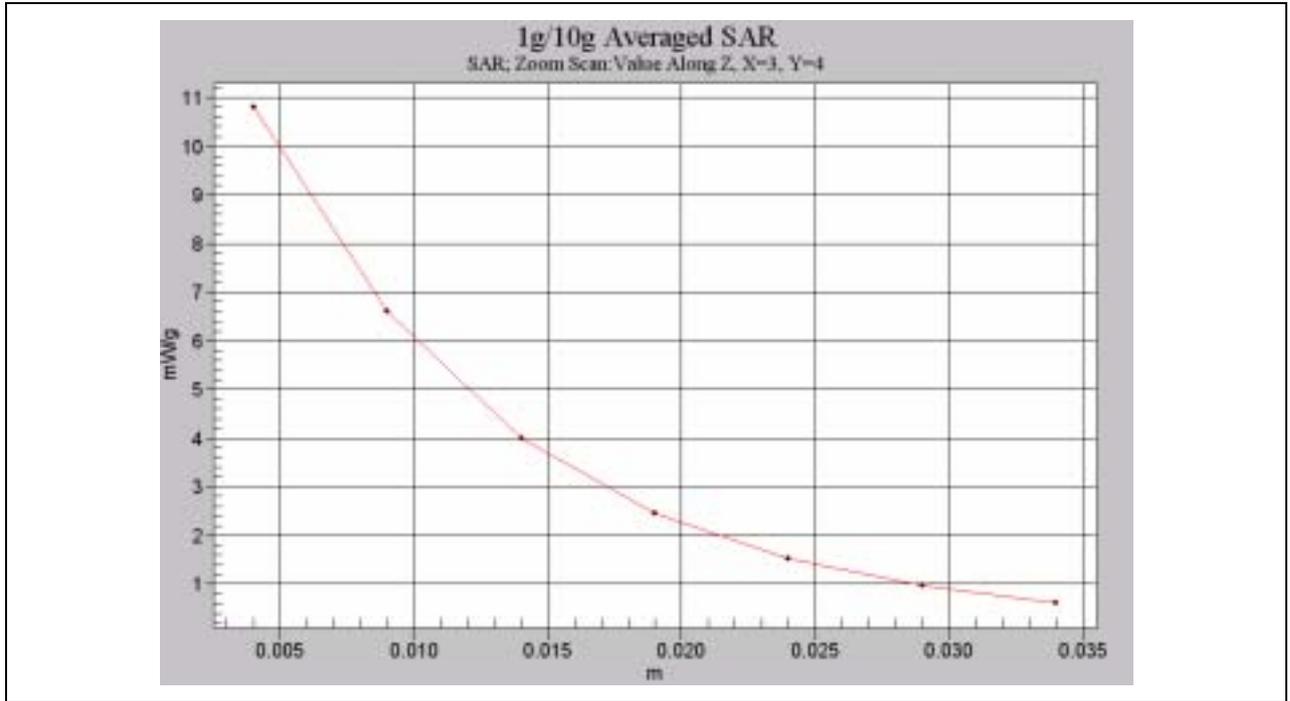
**Z-axis Plot of System Performance Check**



**Head-Tissue-Simulating-Liquid 1900MHz**

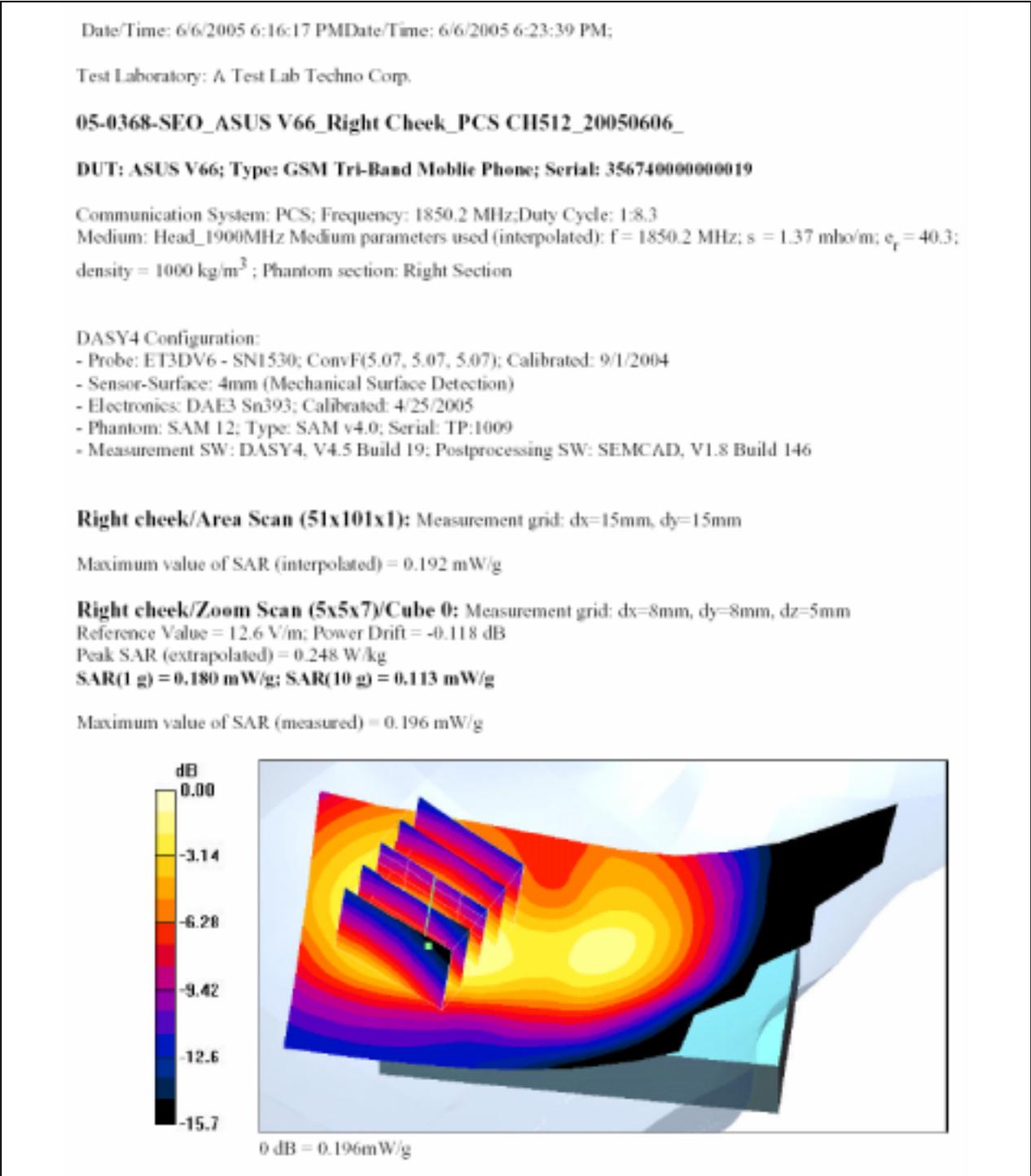


**Head-Tissue-Simulating-Liquid 1800MHz**



Body-Tissue-Simulating-Liquid 1900MHz

### Appendix B – SAR Measurement Data



**Head-SAR Test Result for Right Cheek Position – Channel 512**

Date/Time: 6/6/2005 6:32:11 PM Date/Time: 6/6/2005 6:38:27 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Right Check\_PCS CH661\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used:  $f = 1880$  MHz;  $s = 1.4$  mho/m;  $\epsilon_r = 40.3$ ;  
density = 1000 kg/m<sup>3</sup> ; Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Right cheek/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

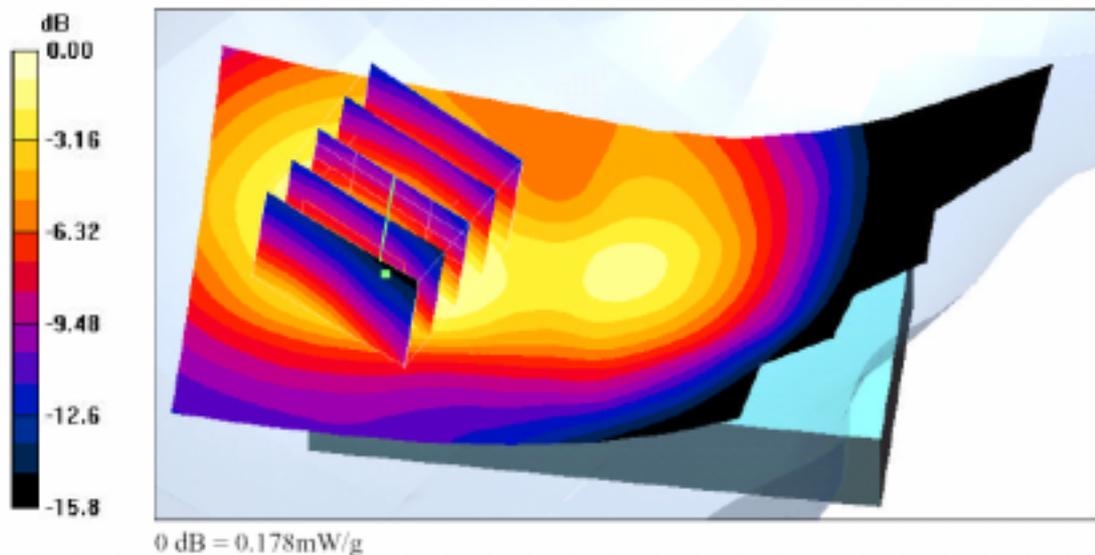
**Right cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.232 W/kg

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.103 mW/g**

Maximum value of SAR (measured) = 0.178 mW/g



**Head-SAR Test Result for Right Cheek Position – Channel 661**

Date/Time: 6/6/2005 6:46:17 PM Date/Time: 6/6/2005 6:52:30 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Right Cheek\_PCS CH810\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: Head\_1900MHz Medium parameters used (interpolated):  $f = 1909.8 \text{ MHz}$ ;  $s = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  
density =  $1000 \text{ kg/m}^3$ ; Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Right cheek/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 mW/g

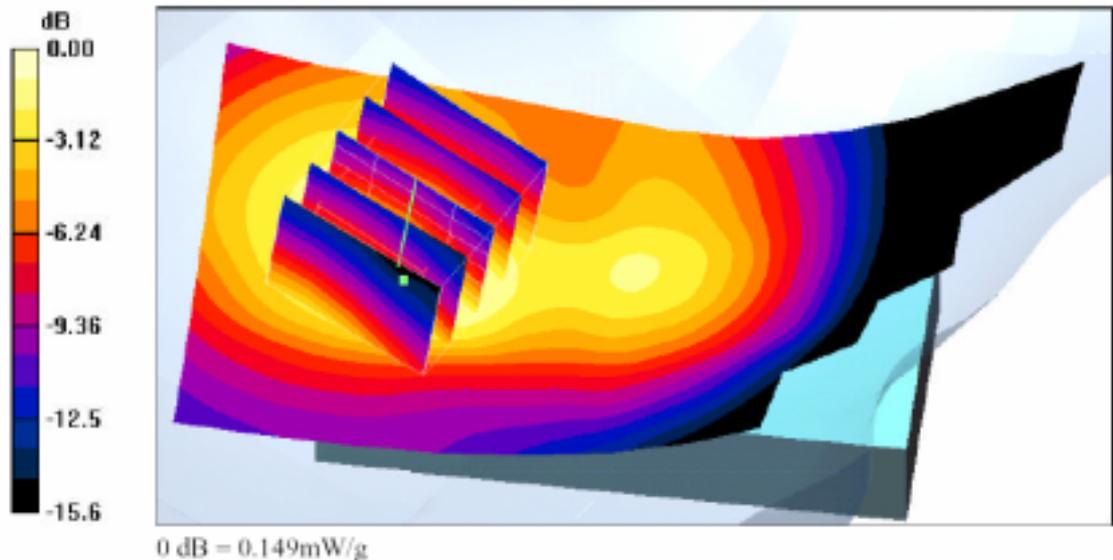
**Right cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g



**Head-SAR Test Result for Right Cheek Position – Channel 810**

Date/Time: 6/6/2005 8:08:22 PM Date/Time: 6/6/2005 8:14:37 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Rlght Tilted\_PCS CH512\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used (interpolated): f = 1850.2 MHz; s = 1.37 mho/m;  $\epsilon_r = 40.3$ ;

density = 1000 kg/m<sup>3</sup> ; Phantom section: Right Section

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn393; Calibrated: 4/25/2005

- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Right Cheek/Area Scan (61x101x1):**

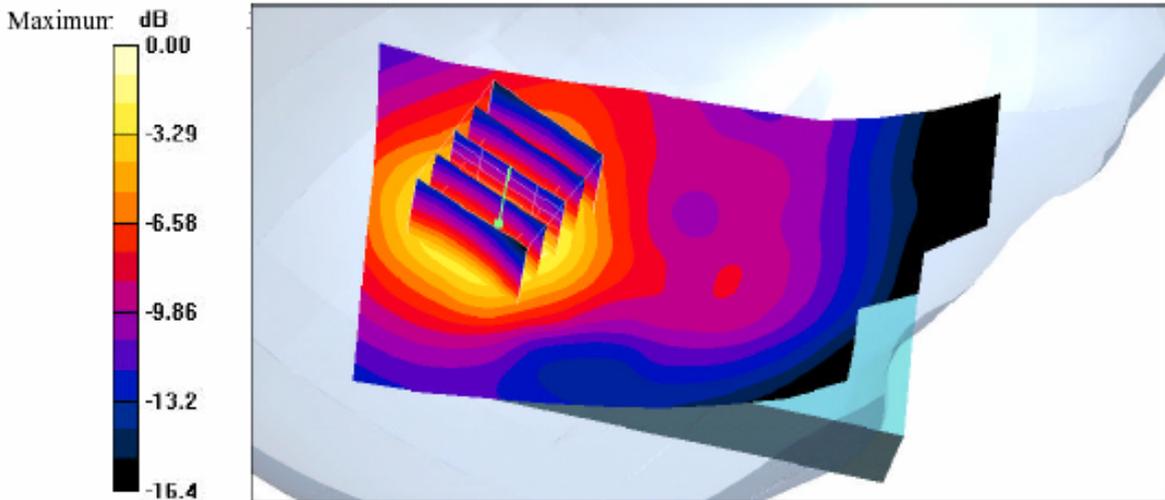
Measurement grid: dx=15mm, dy=15mm ; Maximum value of SAR (interpolated) = 0.179 mW/g

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

Reference Value = 9.94 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.256 W/kg

**SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.090 mW/g**



0 dB = 0.175mW/g

**Head-SAR Test Result for Right Tilted Position – Channel 512**

Date/Time: 6/6/2005 8:30:52 PM Date/Time: 6/6/2005 8:38:13 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Right Tilted\_PCS CH661\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used:  $f = 1880$  MHz;  $s = 1.4$  mho/m;  $\epsilon_r = 40.3$ ; density =  $1000$  kg/m<sup>3</sup> ; Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Right Cheek/Area Scan (61x101x1):**

Measurement grid: dx=15mm, dy=15mm ; Maximum value of SAR (interpolated) = 0.163 mW/g

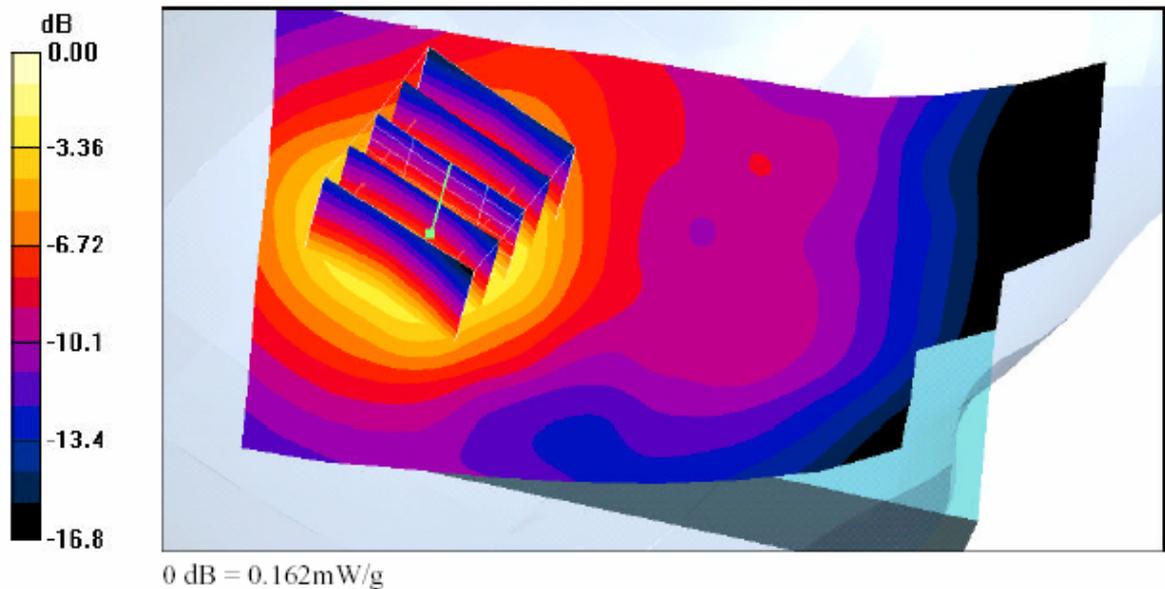
**Right Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.11 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.162 mW/g



**Head-SAR Test Result for Right Tilted Position – Channel 661**

Date/Time: 6/6/2005 8:45:28 PM Date/Time: 6/6/2005 8:52:54 PM;

Test Laboratory: A Test Lab Techno Corp.

05-0368-SEO\_ASUS V66\_Right Tilted\_PCS CH810\_20050606\_

DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used (interpolated): f = 1909.8 MHz; s = 1.43 mho/m;  $\epsilon_r = 40.1$ ;

density = 1000 kg/m<sup>3</sup> ; Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn393; Calibrated: 4/25/2005

- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Right Cheek/Area Scan (61x101x1):**

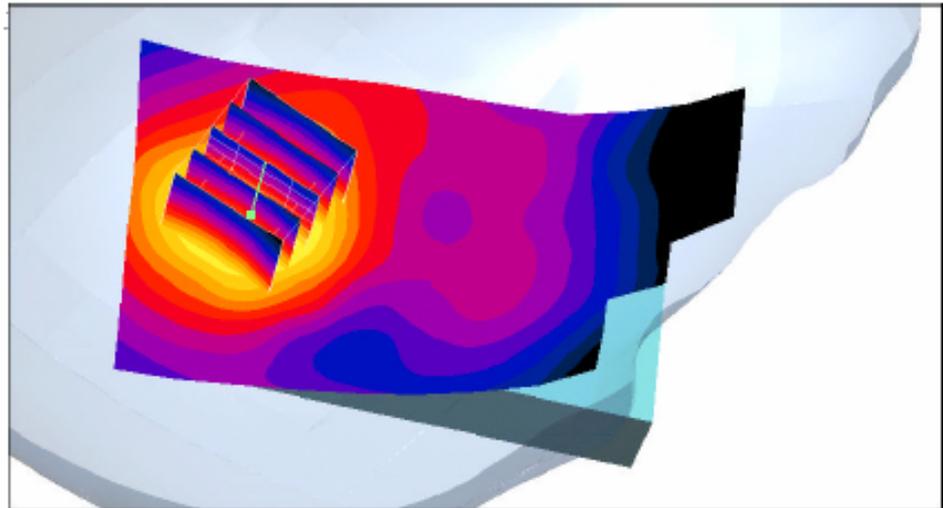
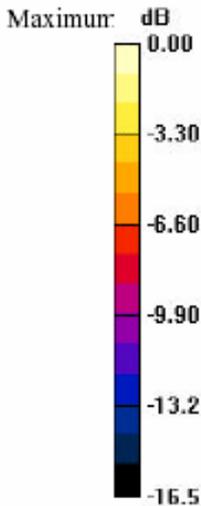
Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (interpolated) = 0.128 mW/g

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

Reference Value = 8.08 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.063 mW/g**



0 dB = 0.125mW/g

**Head-SAR Test Result for Right Tilted Position – Channel 810**

Date/Time: 6/6/2005 9:23:07 PM Date/Time: 6/6/2005 9:29:30 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Cheek\_PCS CH512\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $s = 1.37$  mho/m;  $\epsilon_r = 40.3$ ;  
density =  $1000$  kg/m<sup>3</sup> ; Phantom section: Left Section

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Cheek/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.218 mW/g

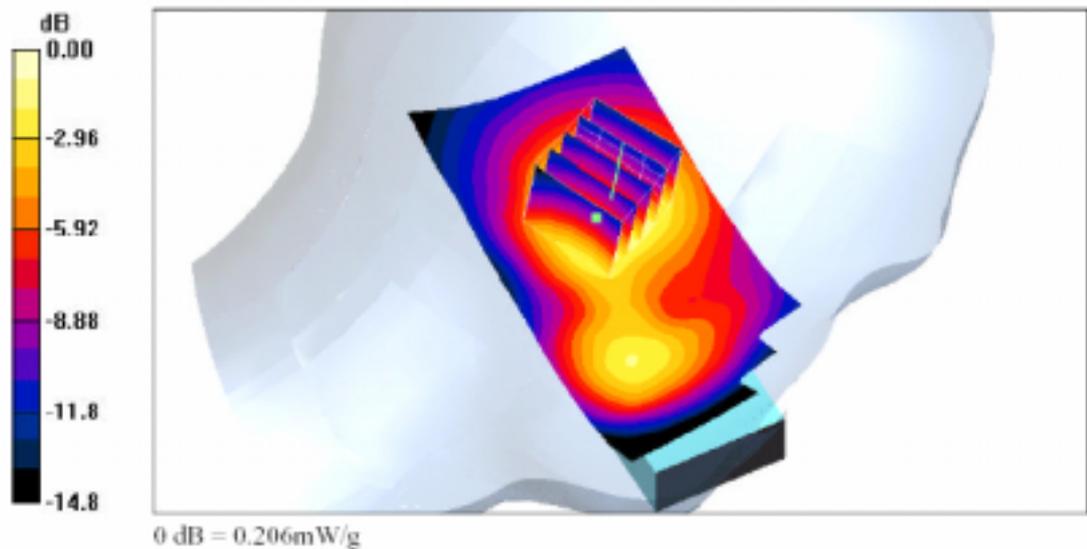
**Left Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.206 mW/g



**Head-SAR Test Result for Left Cheek Position – Channel 512**

Date/Time: 6/6/2005 9:36:53 PM Date/Time: 6/6/2005 9:43:15 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Cheek\_PCS CH661\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used:  $f = 1880$  MHz;  $s = 1.4$  mho/m;  $\epsilon_r = 40.3$ ;  
density = 1000 kg/m<sup>3</sup> ; Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Cheek/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.194 mW/g

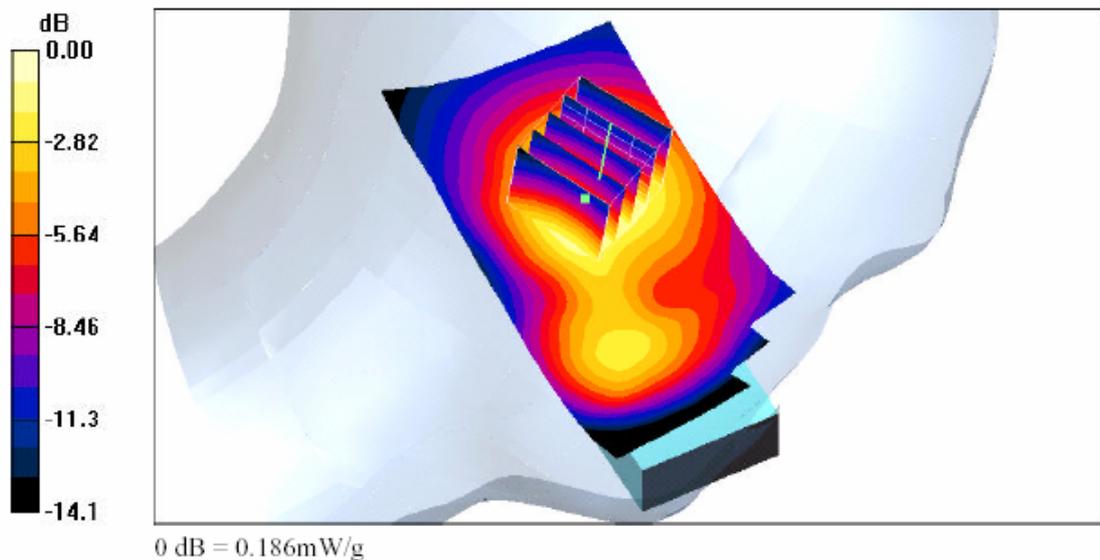
**Left Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.186 mW/g



**Head-SAR Test Result for Left Cheek Position – Channel 661**

Date/Time: 6/6/2005 9:54:50 PM Date/Time: 6/6/2005 10:01:16 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Cheek\_PCS CH810\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 35674000000019**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: Head\_1900MHz Medium parameters used (interpolated):  $f = 1909.8 \text{ MHz}$ ;  $s = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  
density =  $1000 \text{ kg/m}^3$  ; Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Cheek/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.155 mW/g

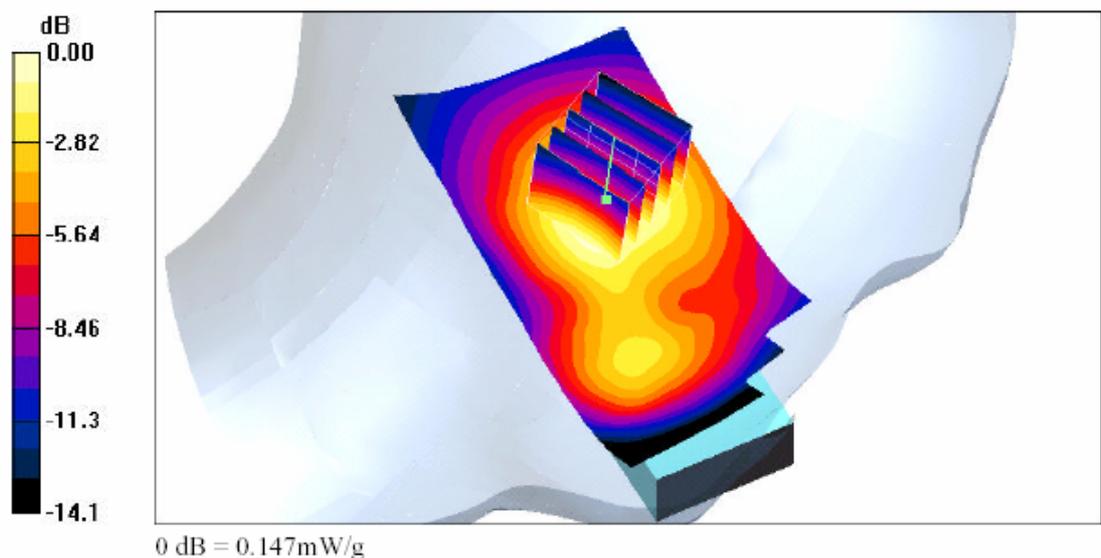
**Left Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.216 W/kg

**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.147 mW/g



**Head-SAR Test Result for Left Cheek Position – Channel 810**

Date/Time: 7/5/2005 6:19:50 PM Date/Time: 7/5/2005 6:26:10 PM

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Tilted\_PCS CH512\_20050705\_**

**DUT: ASUS V606; Type: GSM Tri-Band Mobile Phone; Serial: 35674000000019**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: Head\_1900MHz\_20050124\_A Medium parameters used (interpolated): f = 1850.2 MHz;  
s = 1.4 mho/m;  $\epsilon_r = 39.2$ ; density = 1000 kg/m<sup>3</sup>; Amb. Temp.: 22.5 Liquid Temp.: 23  
Phantom section: Left Section  
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Tilted/Area Scan (51x101x1):**

Measurement grid: dx=15mm, dy=15mm ; Maximum value of SAR (interpolated) = 0.216 mW/g

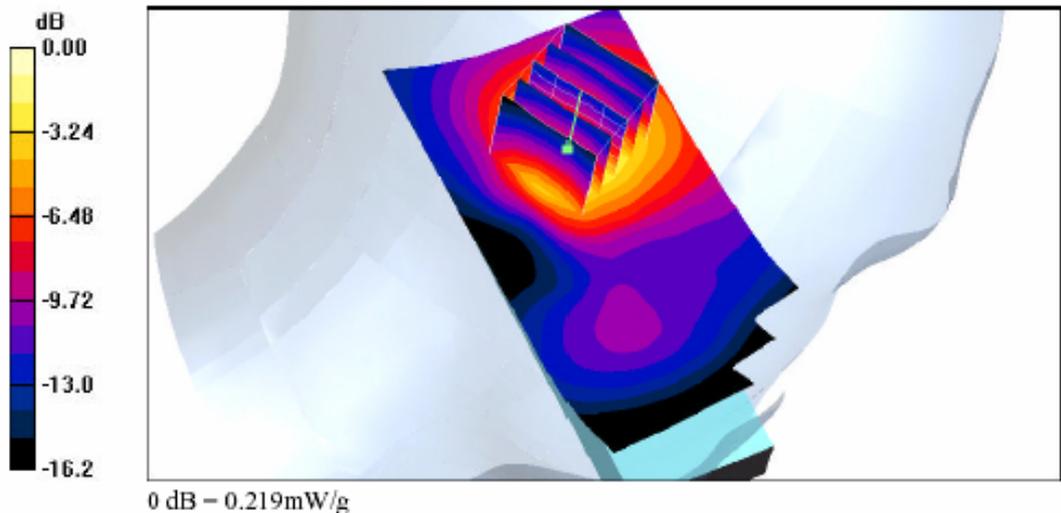
**Left Tilted/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm**

Reference Value = 11.2 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.331 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.219 mW/g



**Head-SAR Test Result for Left Tilted Position – Channel 512  
(Liquid HSL1900 Jul. 5 , 2005)**

Date/Time: 6/6/2005 10:14:34 PM Date/Time: 6/6/2005 10:21:52 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Tilted\_PCS CH512\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 35674000000019**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: Head\_1900MHz Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $s = 1.37$  mho/m;  $\epsilon_r = 40.3$ ;  
density =  $1000$  kg/m<sup>3</sup> ; Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Tilted/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.213 mW/g

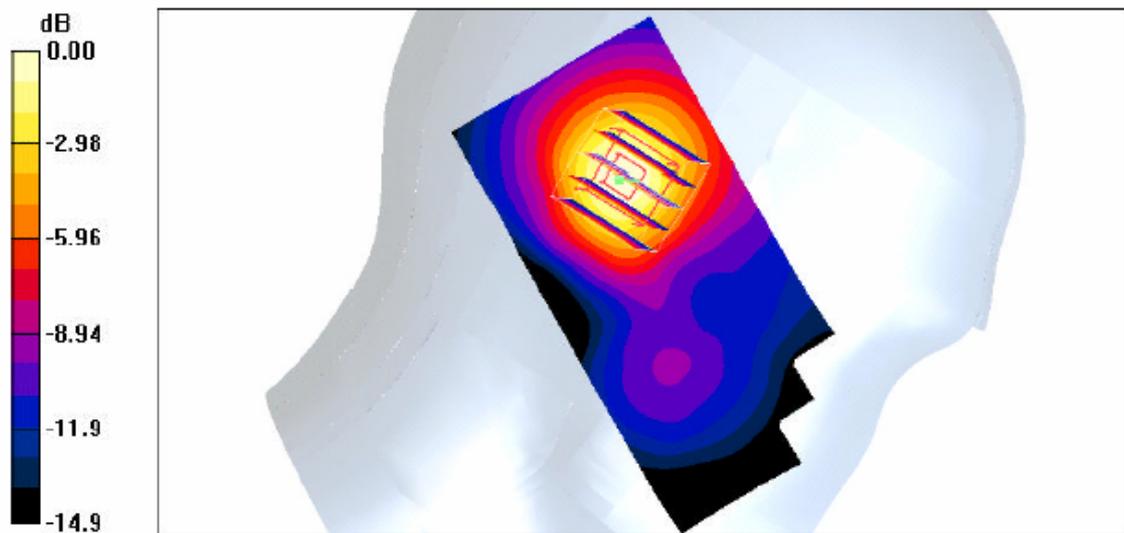
**Left Tilted/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.108 mW/g**

Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.213mW/g

**Head-SAR Test Result for Left Tilted Position – Channel 512**

Date/Time: 6/6/2005 10:32:12 PM Date/Time: 6/6/2005 10:38:35 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Tilted\_PCS CH661\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

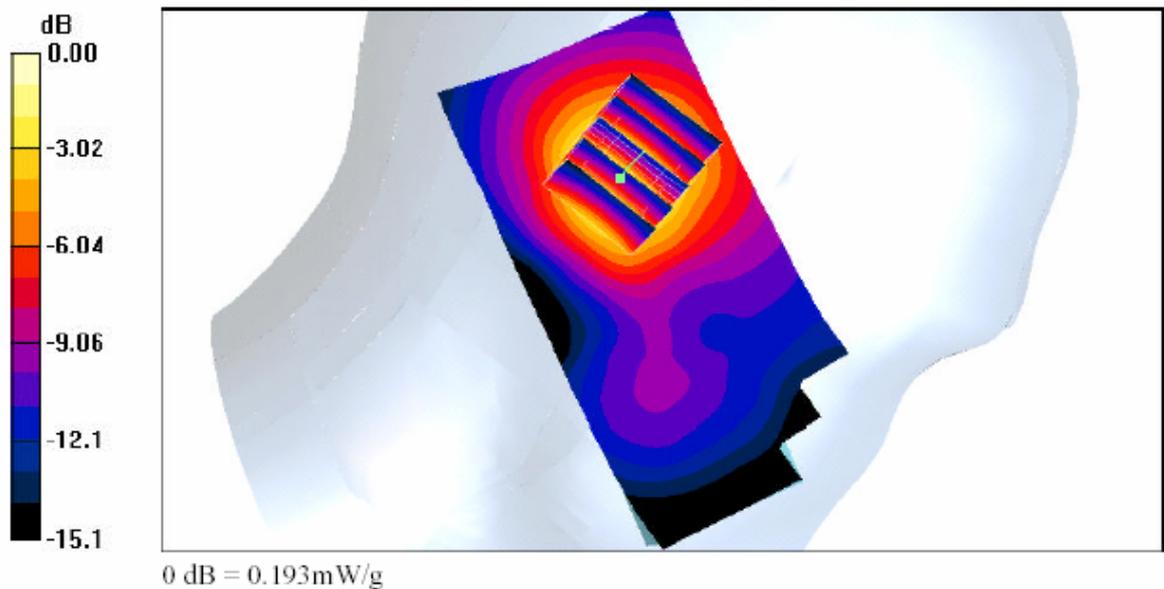
Medium: Head\_1900MHz Medium parameters used:  $f = 1880$  MHz;  $s = 1.4$  mho/m;  $\epsilon_T = 40.3$ ;  
density = 1000 kg/m<sup>3</sup> ; Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Tilted/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.193 mW/g

**Left Tilted/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.4 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.293 W/kg  
**SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.098 mW/g**  
Maximum value of SAR (measured) = 0.199 mW/g



**Head-SAR Test Result for Left Tilted Position – Channel 661**

Date/Time: 6/6/2005 10:48:15 PM Date/Time: 6/6/2005 10:54:38 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Left Tilted\_PCS CH810\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head\_1900MHz Medium parameters used (interpolated):  $f = 1909.8 \text{ MHz}$ ;  $s = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ; density =  $1000 \text{ kg/m}^3$ ; Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(5.07, 5.07, 5.07); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Left Tilted/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.155 mW/g

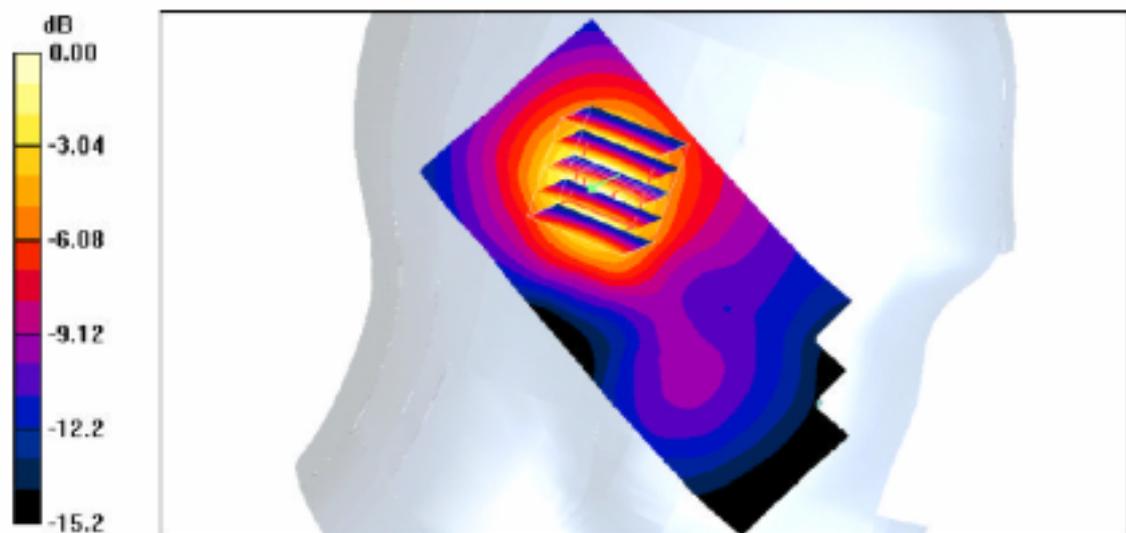
**Left Tilted/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.155mW/g

**Head-SAR Test Result for Left Tilted Position – Channel 810**

Date/Time: 7/5/2005 6:51:46 PM Date/Time: 7/5/2005 6:57:54 PM

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V606\_Flat\_PCS CH512 GPRS\_20050705\_**

**DUT: ASUS V606; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019**

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1850.2 MHz; Duty Cycle: 1:4.2  
Medium: Body 1900MHz Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $s = 1.59$  mho/m;  
 $\epsilon_r = 53.9$ ; density = 1000 kg/m<sup>3</sup>; Amb. Temp.: 22.5 Liquid Temp.: 23; Phantom section: Flat Section  
Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.43, 4.43, 4.43); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Flat/Area Scan (51x101x1):**

Measurement grid: dx=15mm, dy=15mm; Maximum value of SAR (interpolated) = 0.347 mW/g

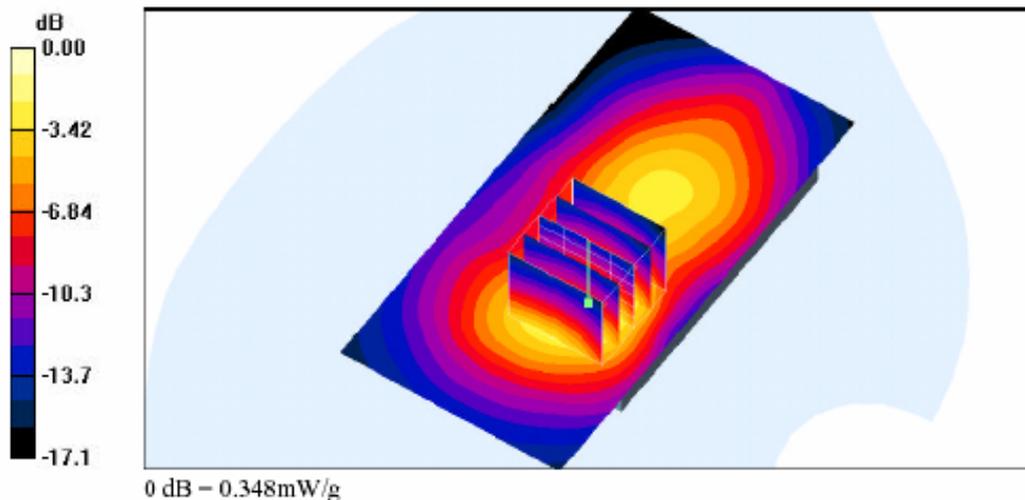
**Flat/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 0.535 W/kg

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.348 mW/g



**Body-SAR Test Result for Flat Position – Channel 512  
(Liquid HSL1900 Jul. 5 , 2005)**

Date/Time: 6/6/2005 4:27:49 PM Date/Time: 6/6/2005 4:33:54 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Flat\_PCS CH512 GPRS\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 35674000000019**

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1850.2 MHz; Duty Cycle: 1:4.2  
Medium: Body\_1900MHz Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $s = 1.5$  mho/m;  $\epsilon_r = 51.7$ ;  
density =  $1000 \text{ kg/m}^3$  ; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.43, 4.43, 4.43); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Flat/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.375 mW/g

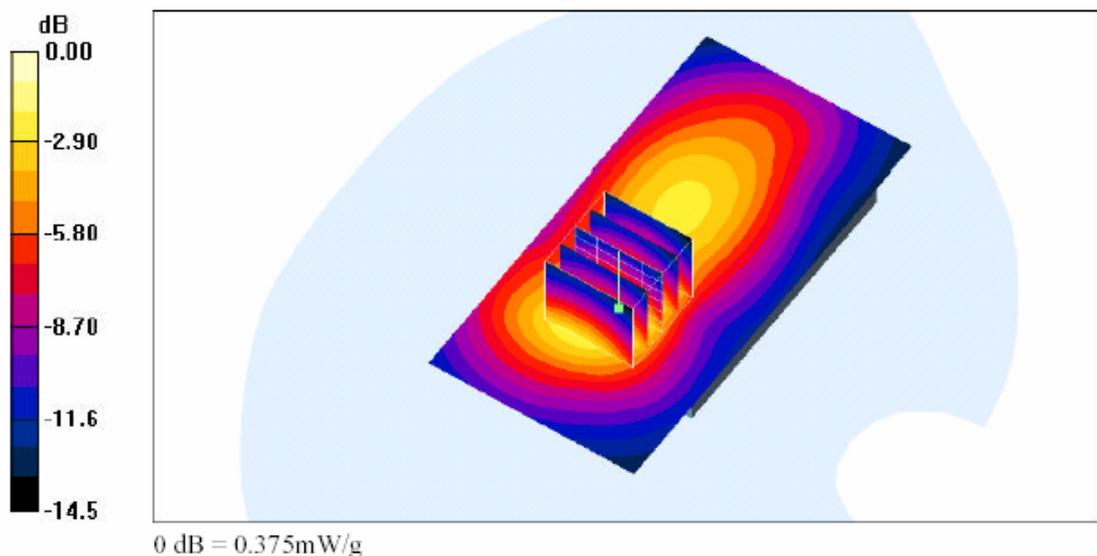
**Flat/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 0.557 W/kg

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.388 mW/g



**Body-SAR Test Result for Flat Position – Channel 512**

Date/Time: 6/6/2005 4:41:02 PM Date/Time: 6/6/2005 4:47:12 PM;

Test Laboratory: A Test Lab Techno Corp.

**05-0368-SEO\_ASUS V66\_Flat\_PCS CH661 GPRS\_20050606\_**

**DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 35674000000019**

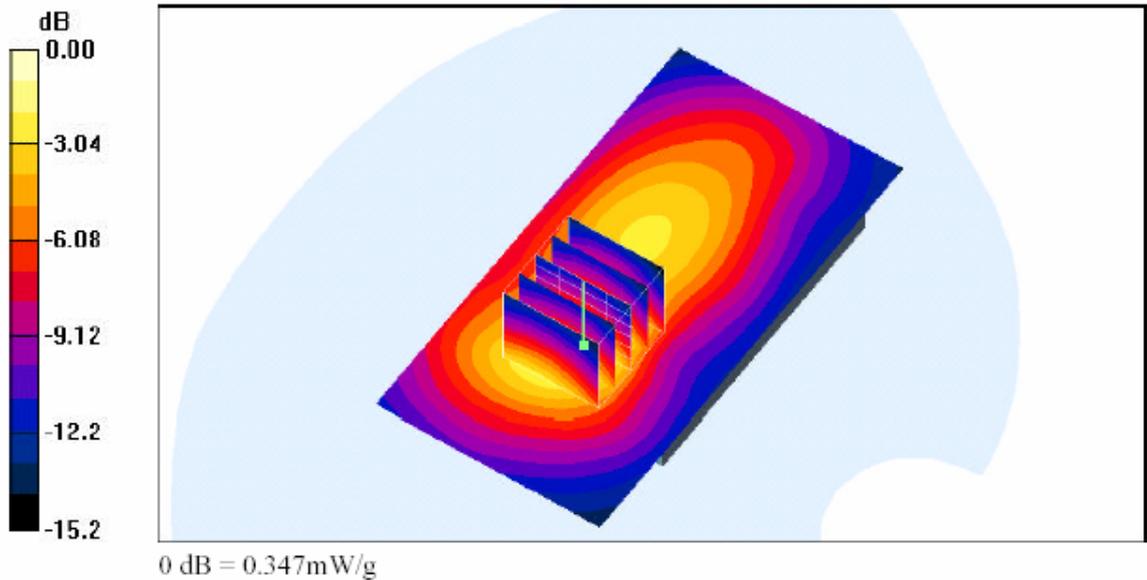
Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1880 MHz; Duty Cycle: 1:4.2  
Medium: Body\_1900MHz Medium parameters used: f = 1880 MHz; s = 1.54 mho/m;  $\epsilon_r = 51.9$ ;  
density = 1000 kg/m<sup>3</sup> ; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.43, 4.43, 4.43); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Flat/Area Scan (51x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.336 mW/g

**Flat/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 13.0 V/m; Power Drift = 0.036 dB  
Peak SAR (extrapolated) = 0.507 W/kg  
**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.177 mW/g**  
Maximum value of SAR (measured) = 0.347 mW/g



**Body-SAR Test Result for Flat Position – Channel 661**

Date/Time: 6/6/2005 4:56:11 PM Date/Time: 6/6/2005 5:02:30 PM;

Test Laboratory: A Test Lab Techno Corp.

05-0368-SEO\_ASUS V66\_Flat\_PCS CH810 GPRS\_20050606\_

DUT: ASUS V66; Type: GSM Tri-Band Mobile Phone; Serial: 356740000000019

Communication System: PCS 1900 GPRS(2Down,2Up); Frequency: 1909.8 MHz; Duty Cycle: 1:4.2  
Medium: Body\_1900MHz Medium parameters used (interpolated):  $f = 1909.8 \text{ MHz}$ ;  $s = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  
density =  $1000 \text{ kg/m}^3$ ; Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1530; ConvF(4.43, 4.43, 4.43); Calibrated: 9/1/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 4/25/2005
- Phantom: SAM 12; Type: SAM v4.0; Serial: TP:1009
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Flat/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.286 mW/g

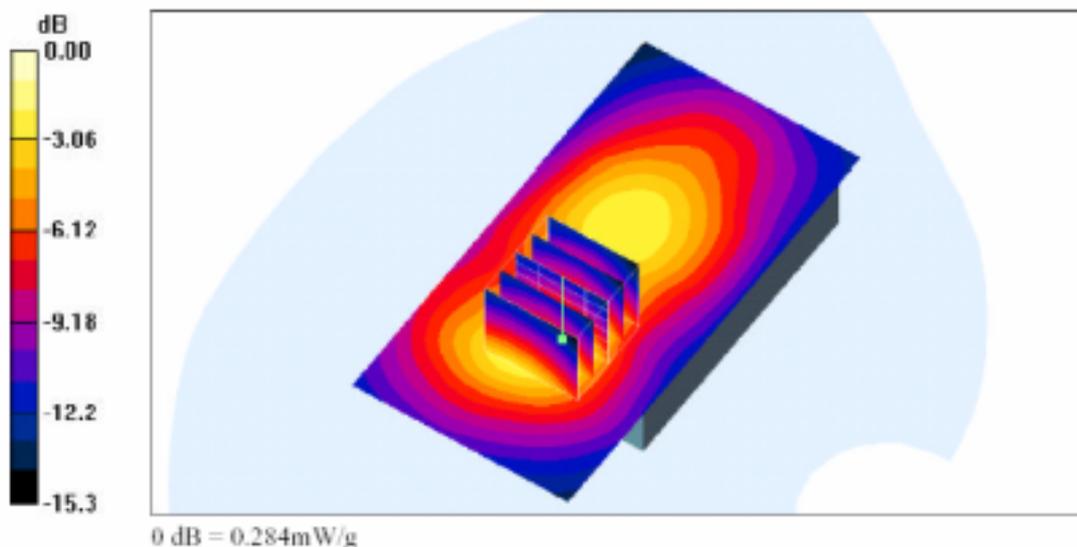
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.418 W/kg

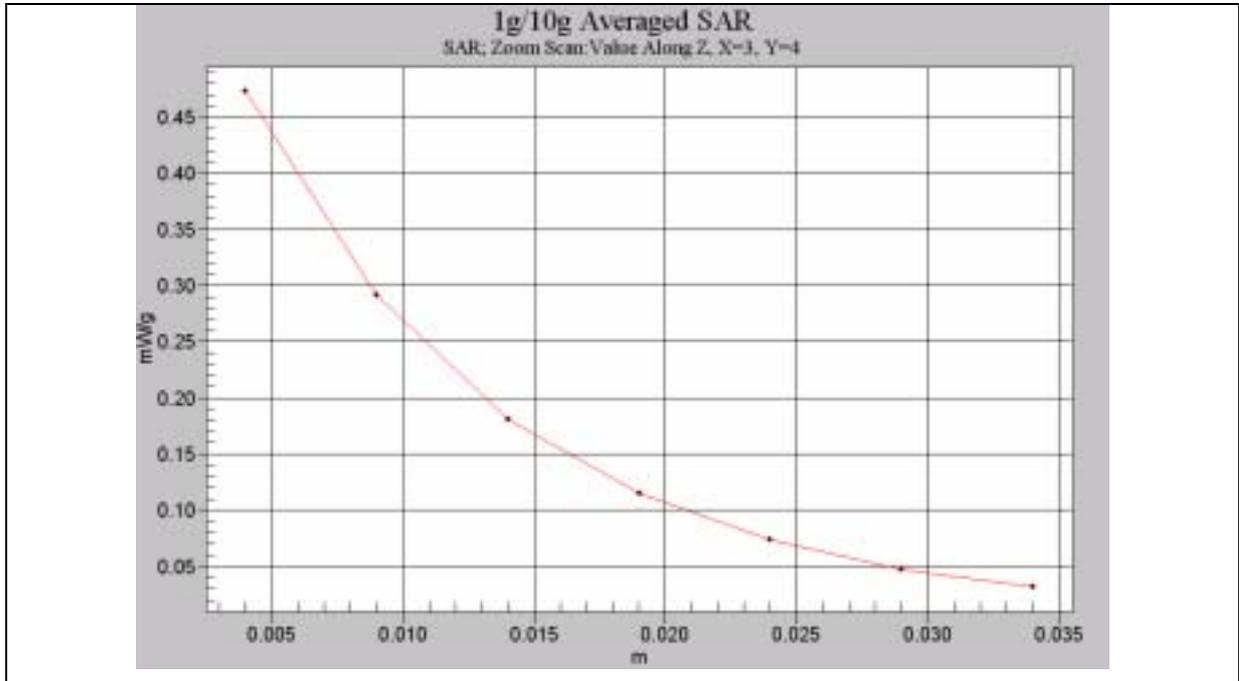
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



### Body-SAR Test Result for Flat Position – Channel 810

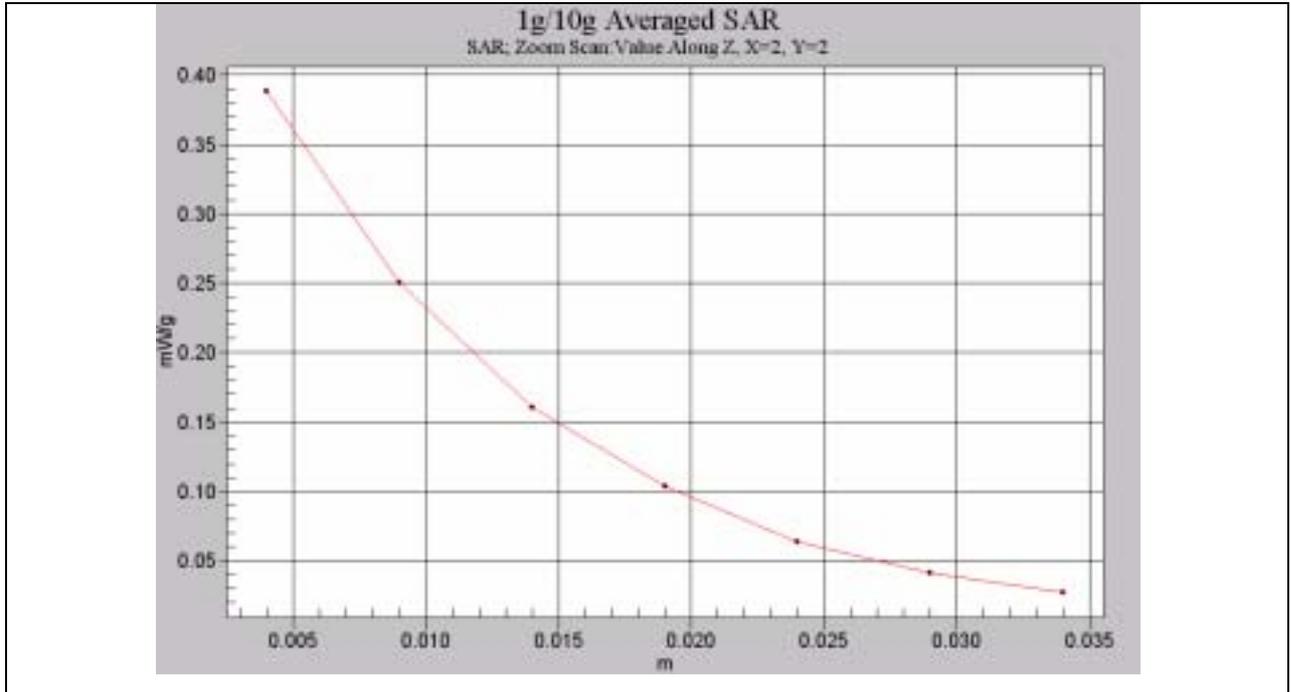
**Z-axis Plot for Maximum SAR**



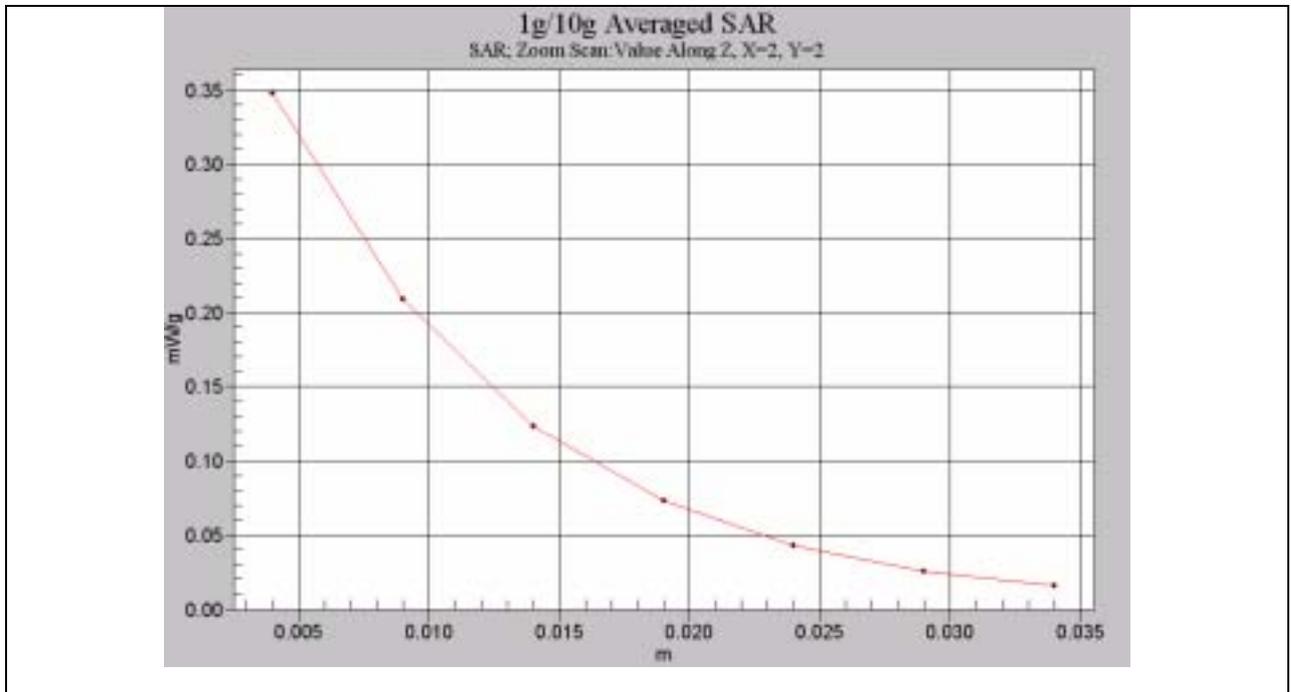
**Head-SAR Test Result for Left Tilted Position – Channel 512  
( Liquid HSL1900 )**



**Head-SAR Test Result for Left Tilted Position – Channel 512  
( Liquid HSL1800 Jul.05 , 2005 )**



**Body-SAR Test Result for Flat Position – Channel 512  
( Liquid HSL1900 )**



**Body-SAR Test Result for Flat Position – Channel 512  
( Liquid HSL1800 Jul.05 , 2005 )**