

Fig. 8 Z-Scan at power reference point (PCS 1900MHz CH810)

**1900 Left Tilt Middle**

Date/Time: 2007-11-30 9:21:12

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Tilt Middle/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.042 mW/g

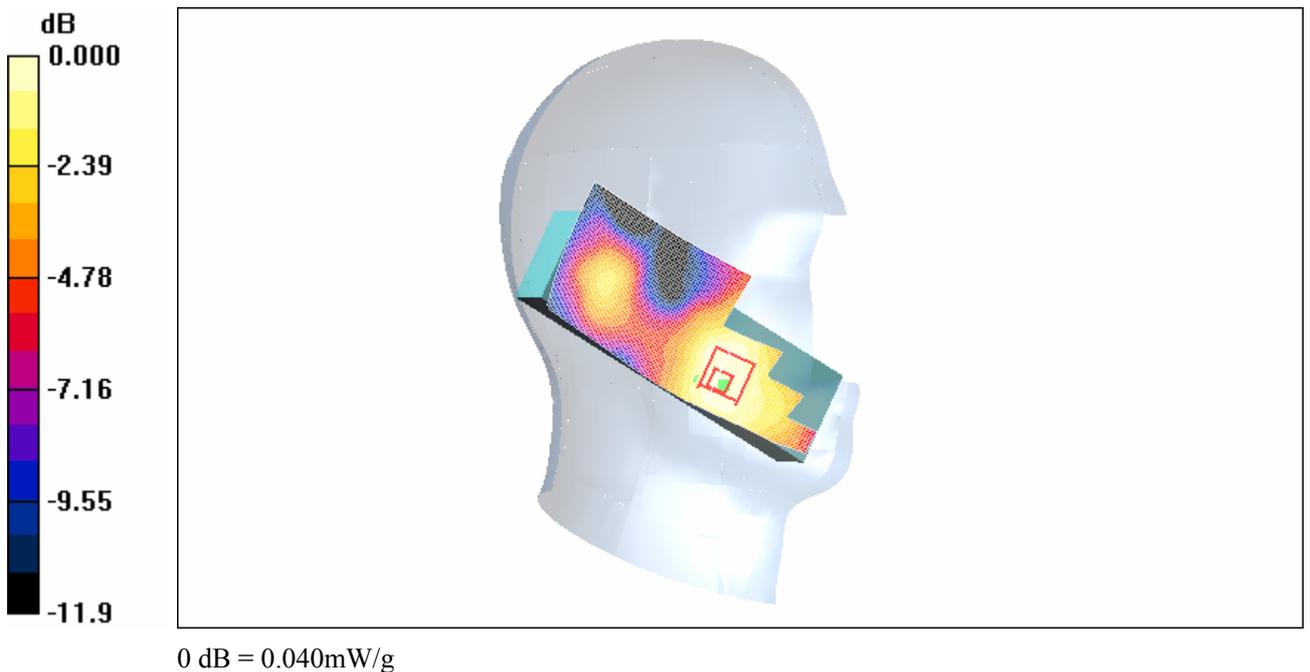
**Tilt Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,  
 dz=5mm

Reference Value = 4.45 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.059 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.040 mW/g



**Fig. 9 Left Hand Tilt 15°PCS 1900MHz CH661**

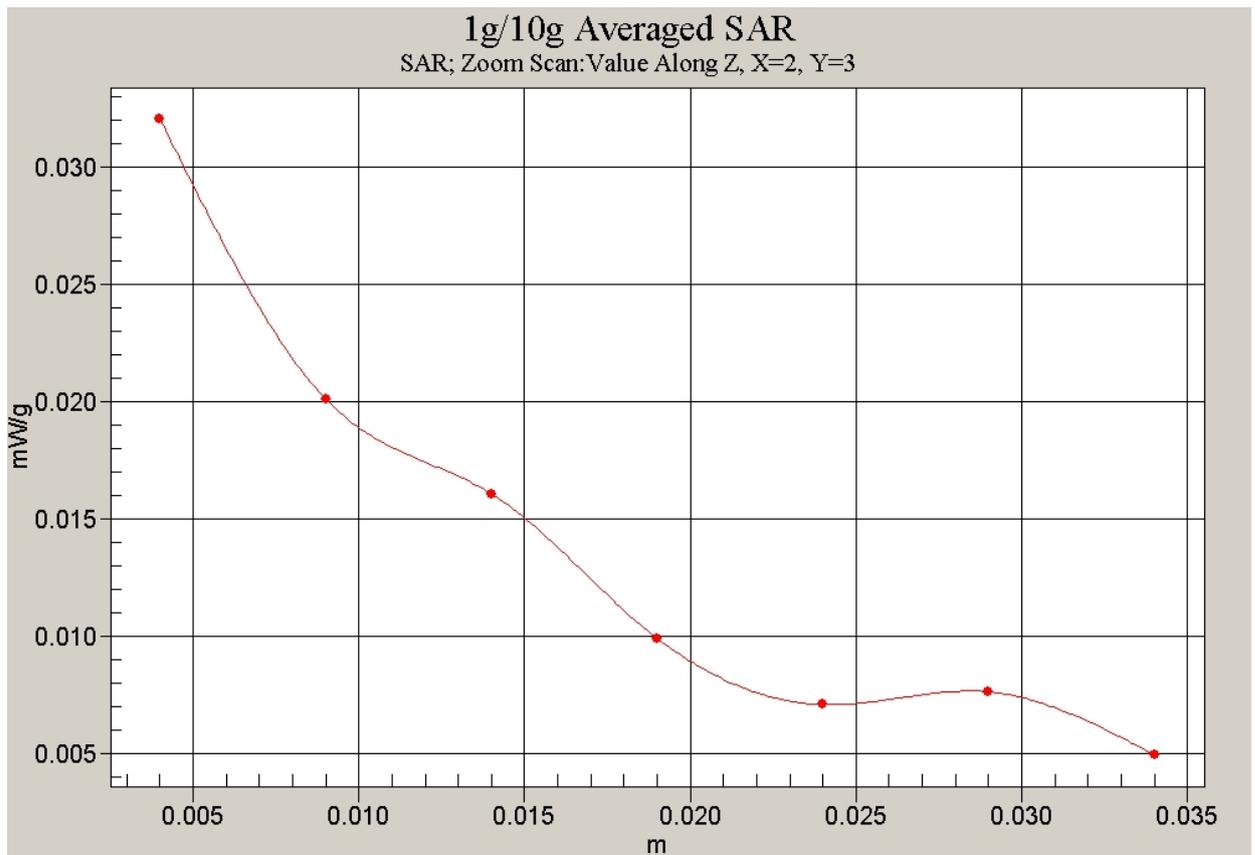


Fig. 10 Z-Scan at power reference point (PCS 1900MHz CH661)

**1900 Left Tilt Low**

Date/Time: 2007-11-30 9:08:34

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Tilt Low/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.036 mW/g

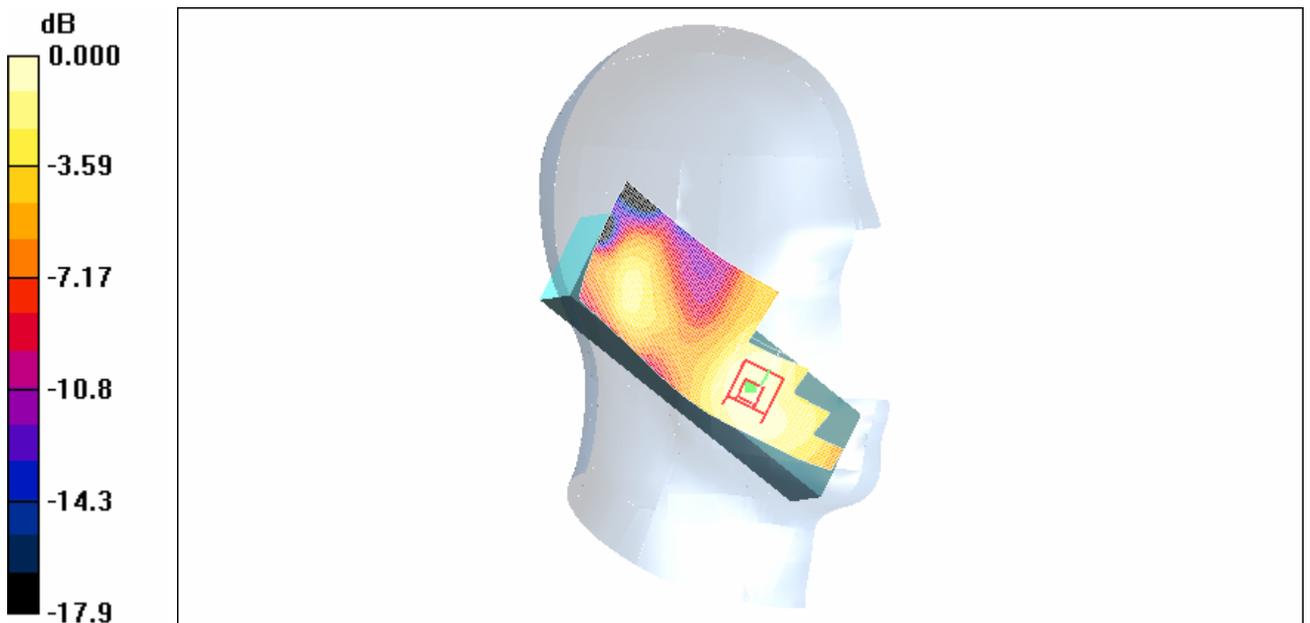
**Tilt Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.32 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.044 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.037 mW/g



0 dB = 0.037mW/g

**Fig. 11 Left Hand Tilt 15°PCS 1900MHz CH512**

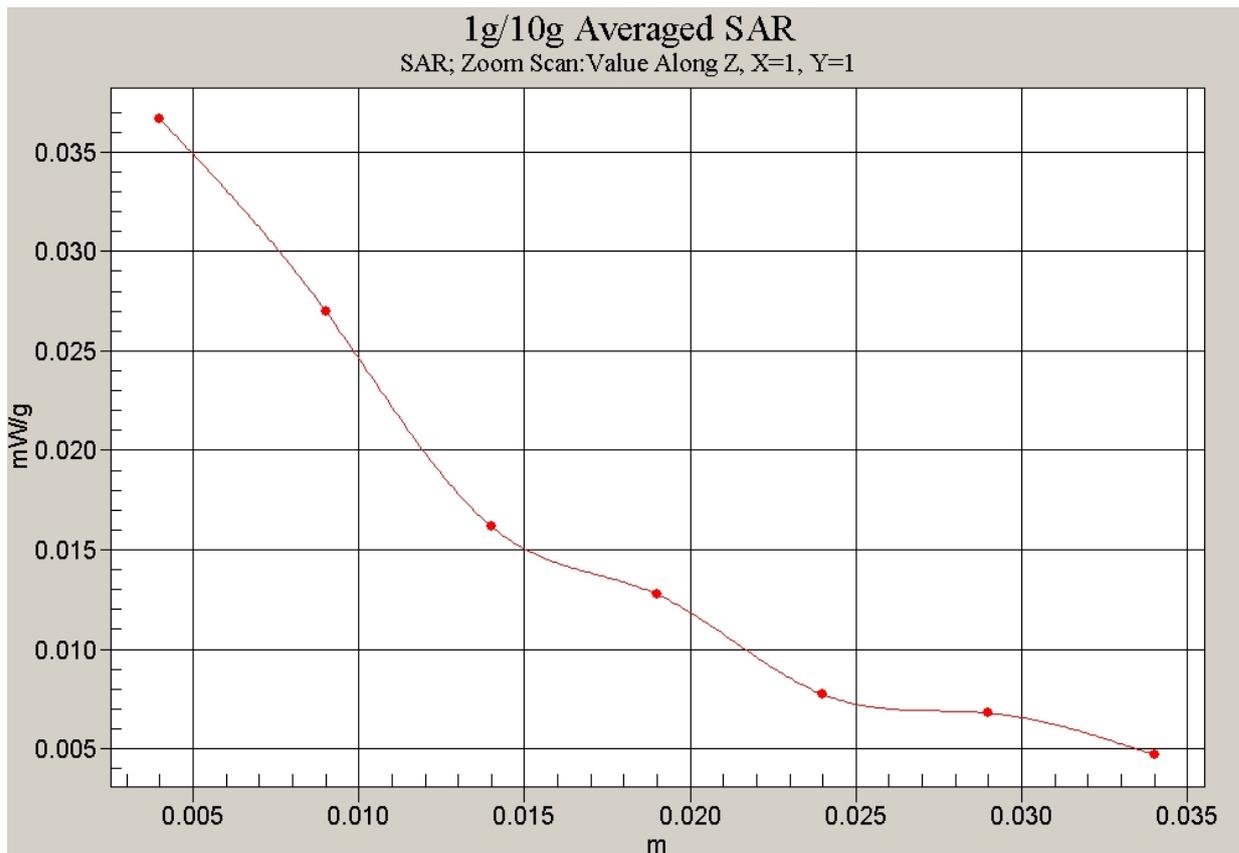


Fig. 12 Z-Scan at power reference point (PCS 1900MHz CH512)

**1900 Right Cheek High**

Date/Time: 2007-11-30 9:45:08

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Cheek High/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.259 mW/g

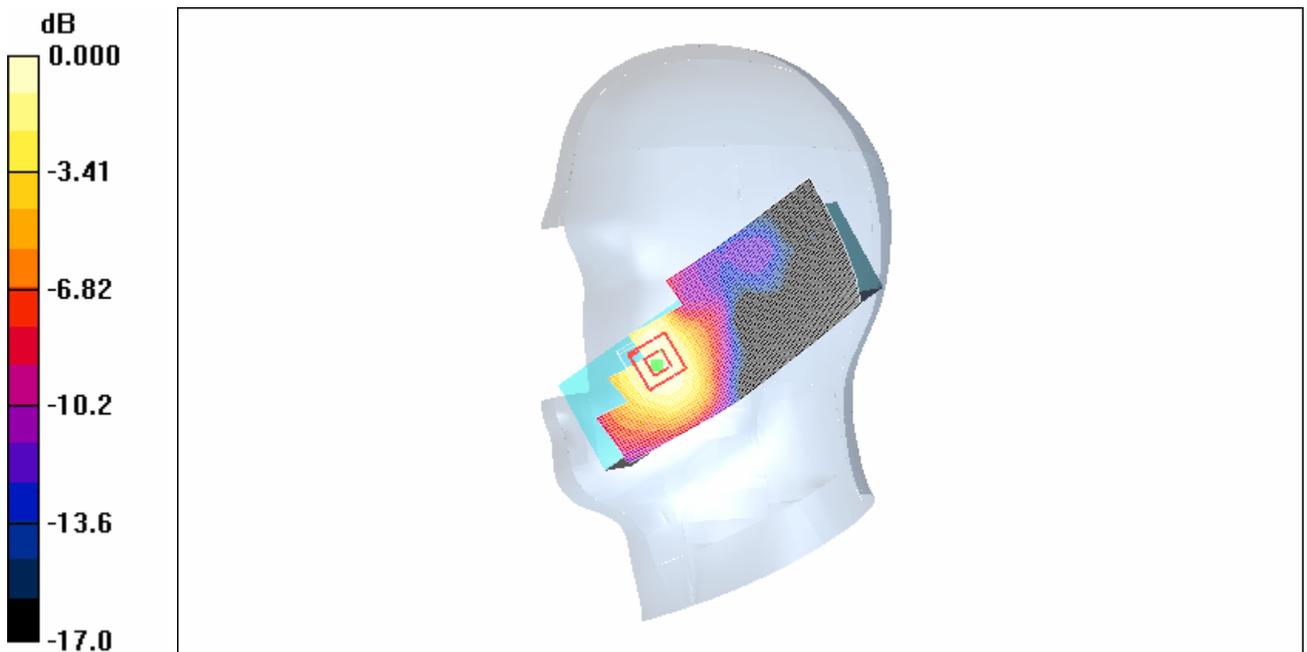
**Cheek High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.07 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.244mW/g

**Fig. 13 Right Hand Touch Cheek PCS 1900MHz CH810**

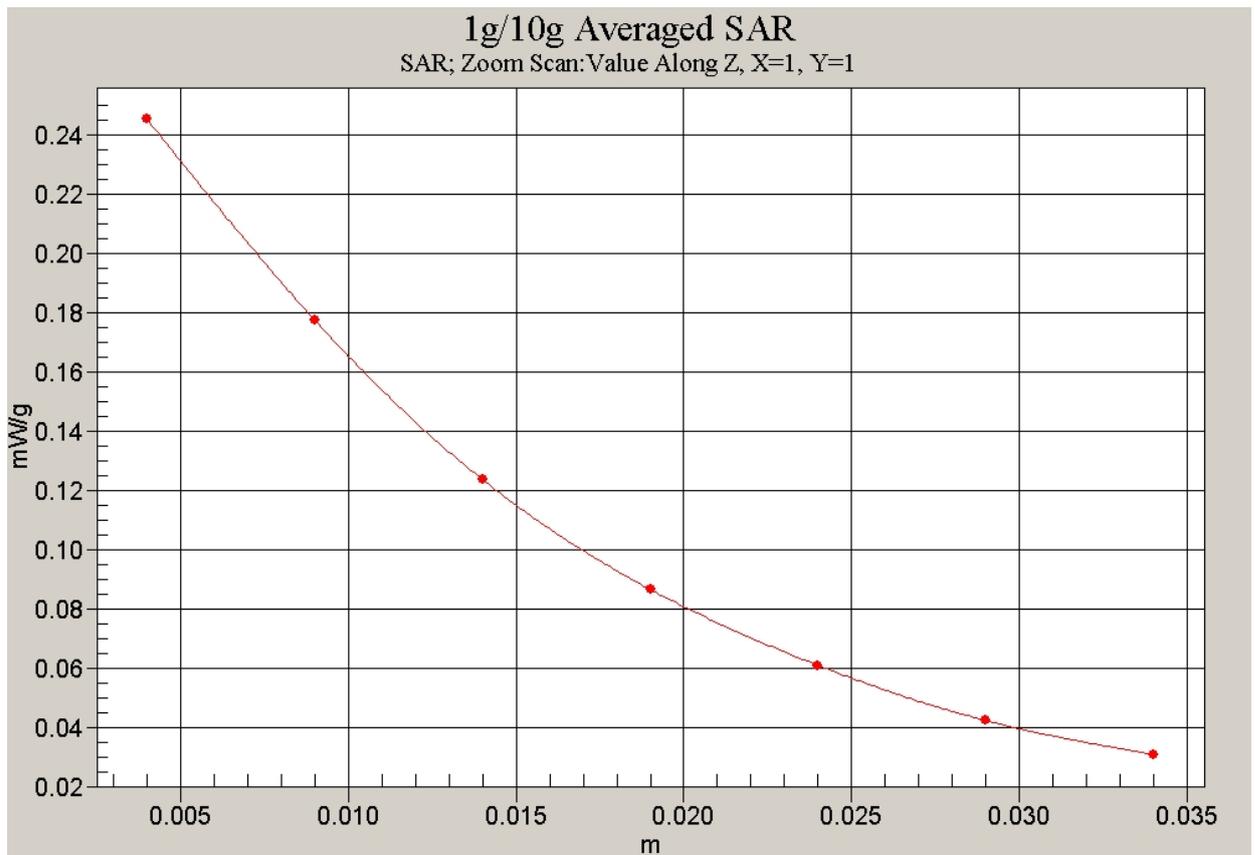


Fig. 14 Z-Scan at power reference point (PCS 1900MHz CH810)

**1900 Right Cheek Middle**

Date/Time: 2007-11-30 10:17:59

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.37 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.3^\circ\text{C}$       Liquid Temperature:  $22.5^\circ\text{C}$

Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Cheek Middle/Area Scan (51x131x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (interpolated) = 0.211 mW/g

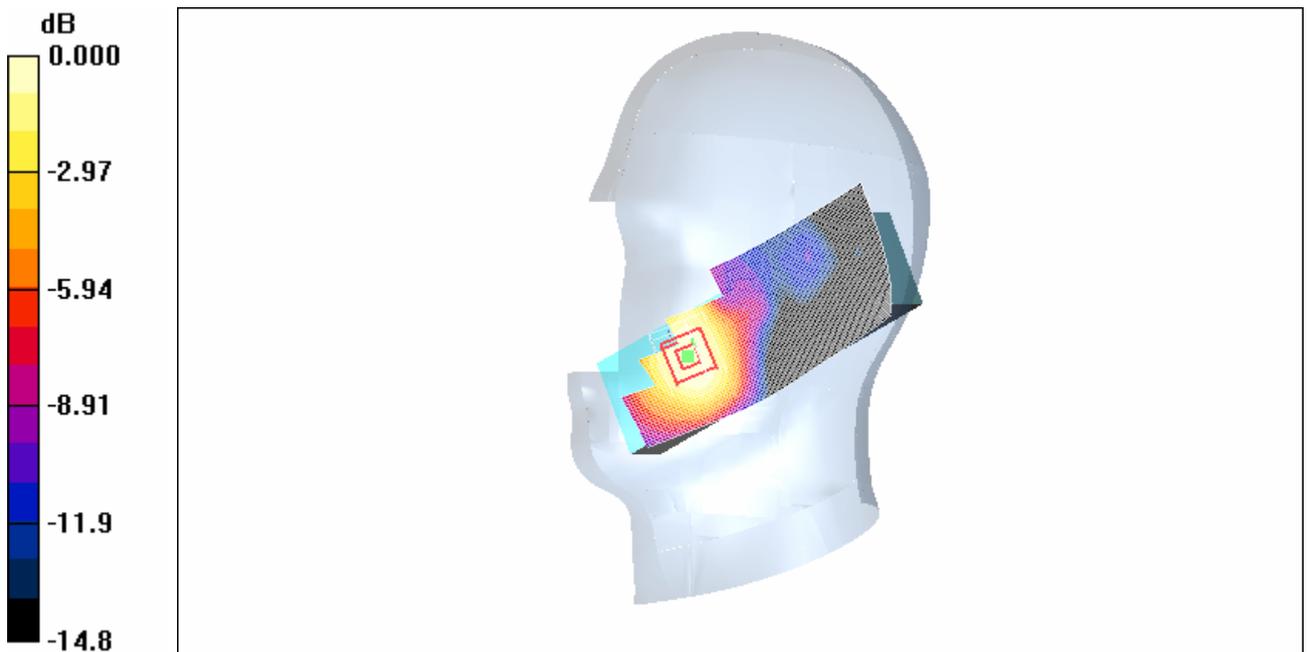
**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  
 $dz=5\text{mm}$

Reference Value = 2.45 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195mW/g

**Fig.15 Right Hand Touch Cheek PCS 1900MHz CH661**

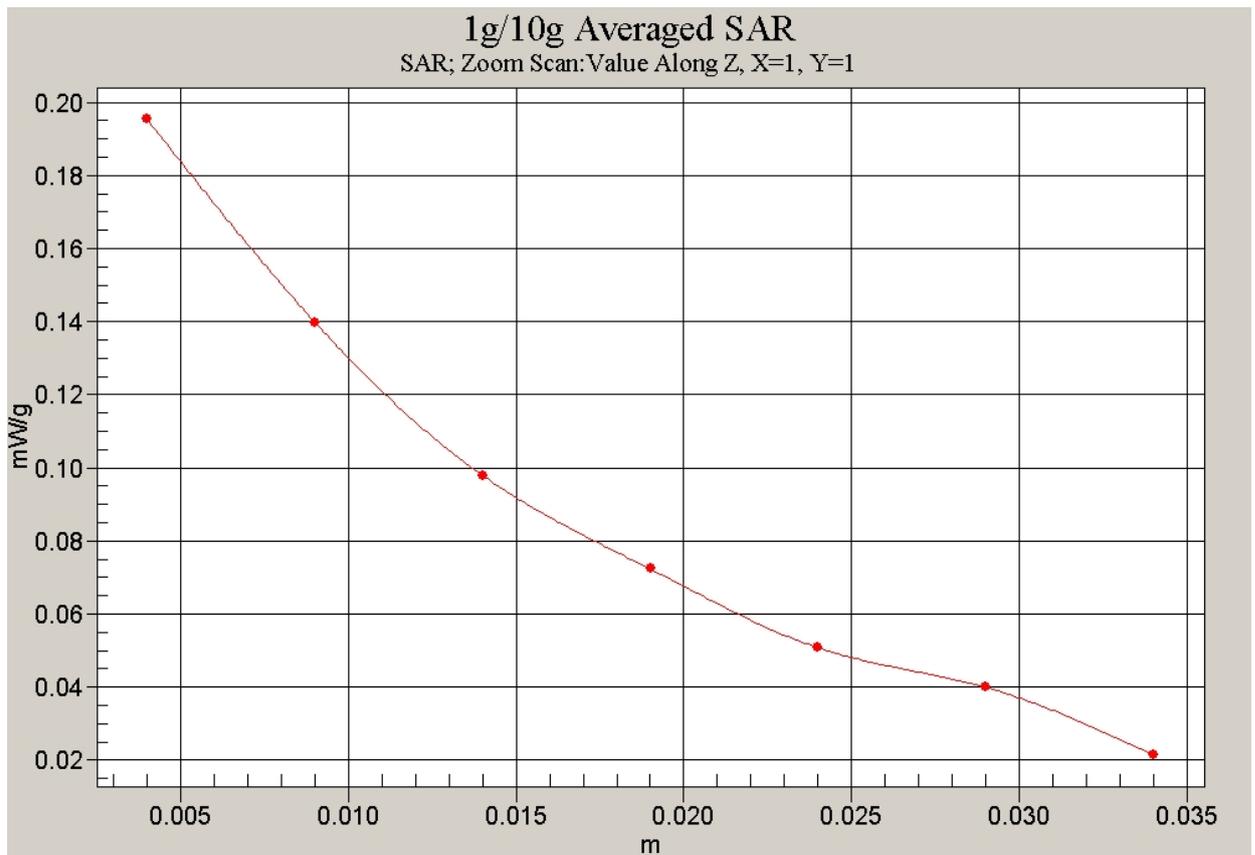


Fig. 16 Z-Scan at power reference point (PCS 1900MHz CH661)

**1900 Right Cheek Low**

Date/Time: 2007-11-30 10:31:26

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Cheek Low/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.203 mW/g

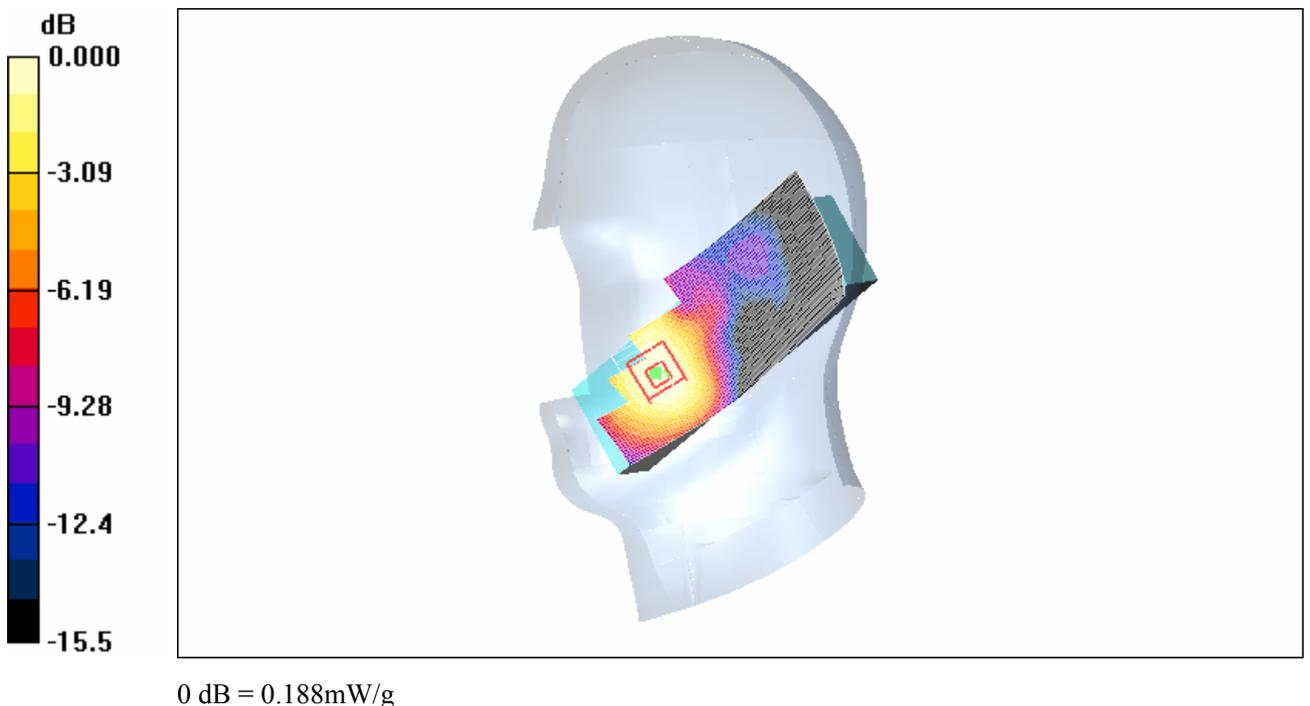
**Cheek Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.17 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.118 mW/g**

Maximum value of SAR (measured) = 0.188 mW/g

**Fig. 17 Right Hand Touch Cheek PCS 1900MHz CH512**

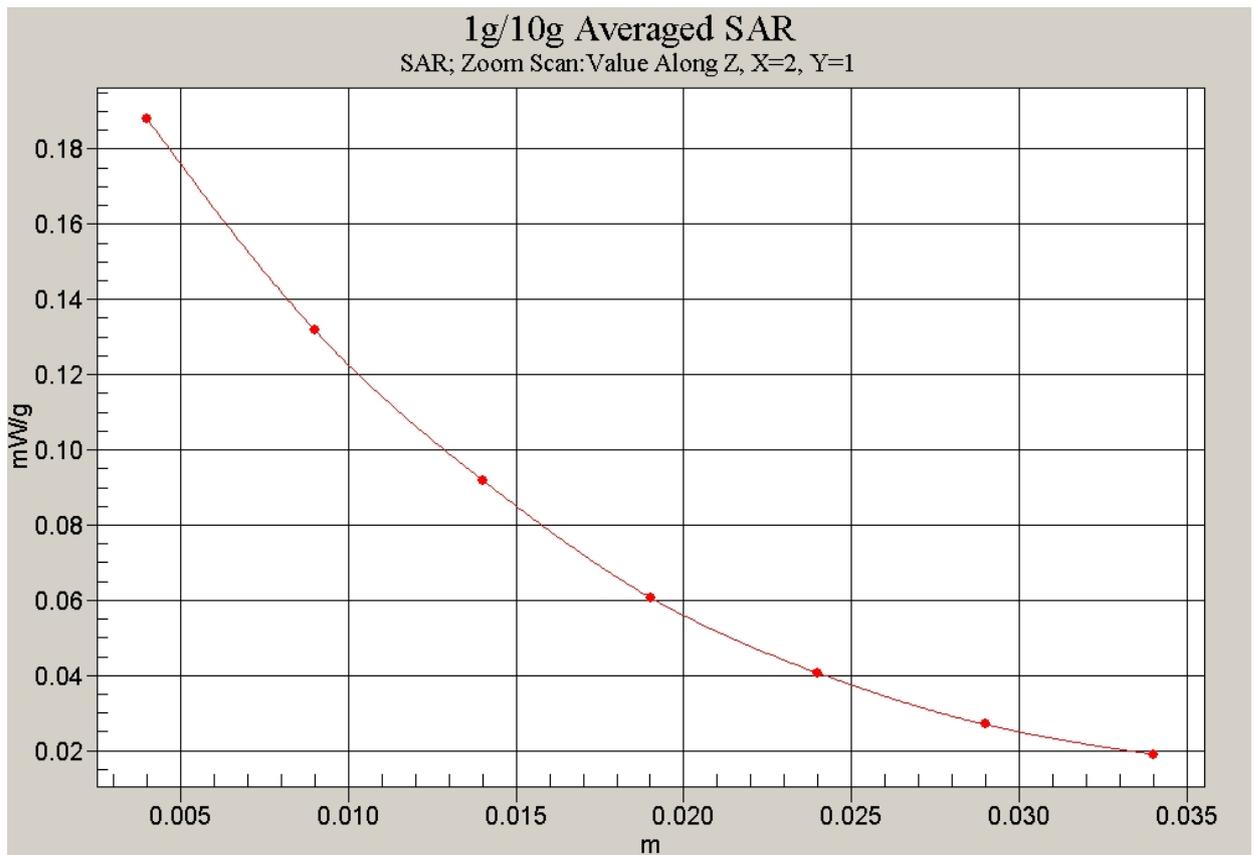


Fig. 18 Z-Scan at power reference point (PCS 1900MHz CH512)

**1900 Right Tilt High**

Date/Time: 2007-11-30 11:06:04

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**TiltHigh/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.042 mW/g

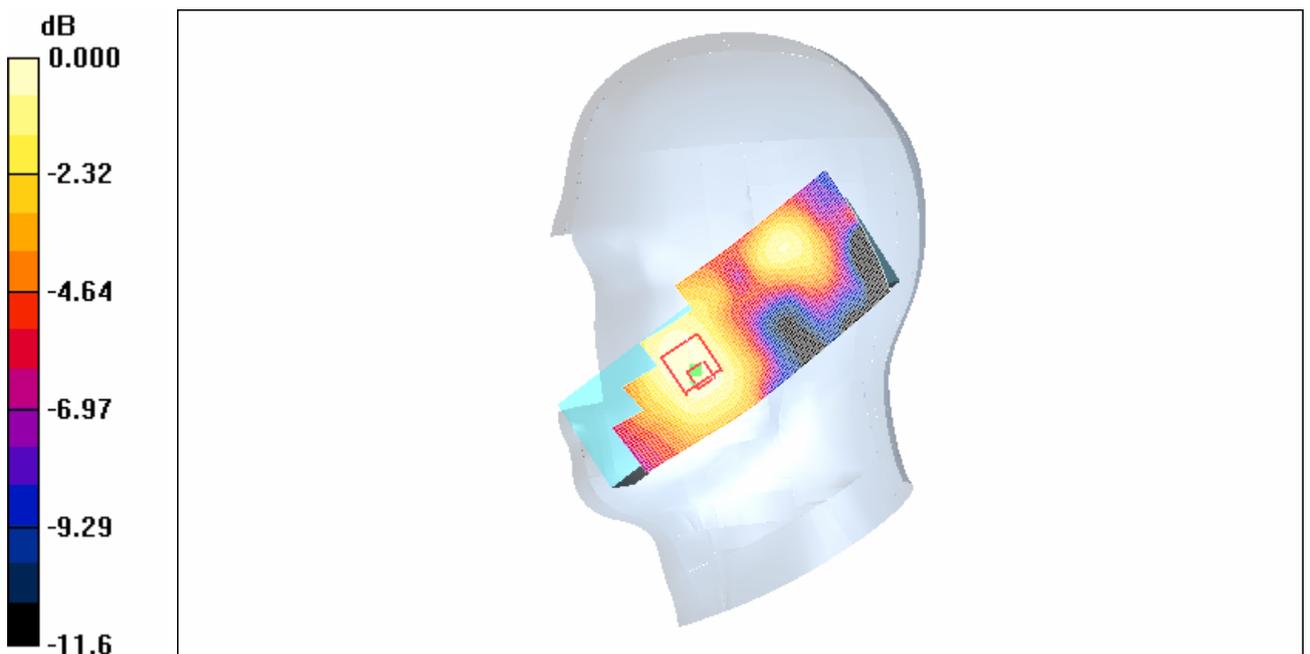
**TiltHigh/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.26 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.060 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.040 mW/g

**Fig. 19 Right Hand Tilt 15°PCS 1900MHz CH810**

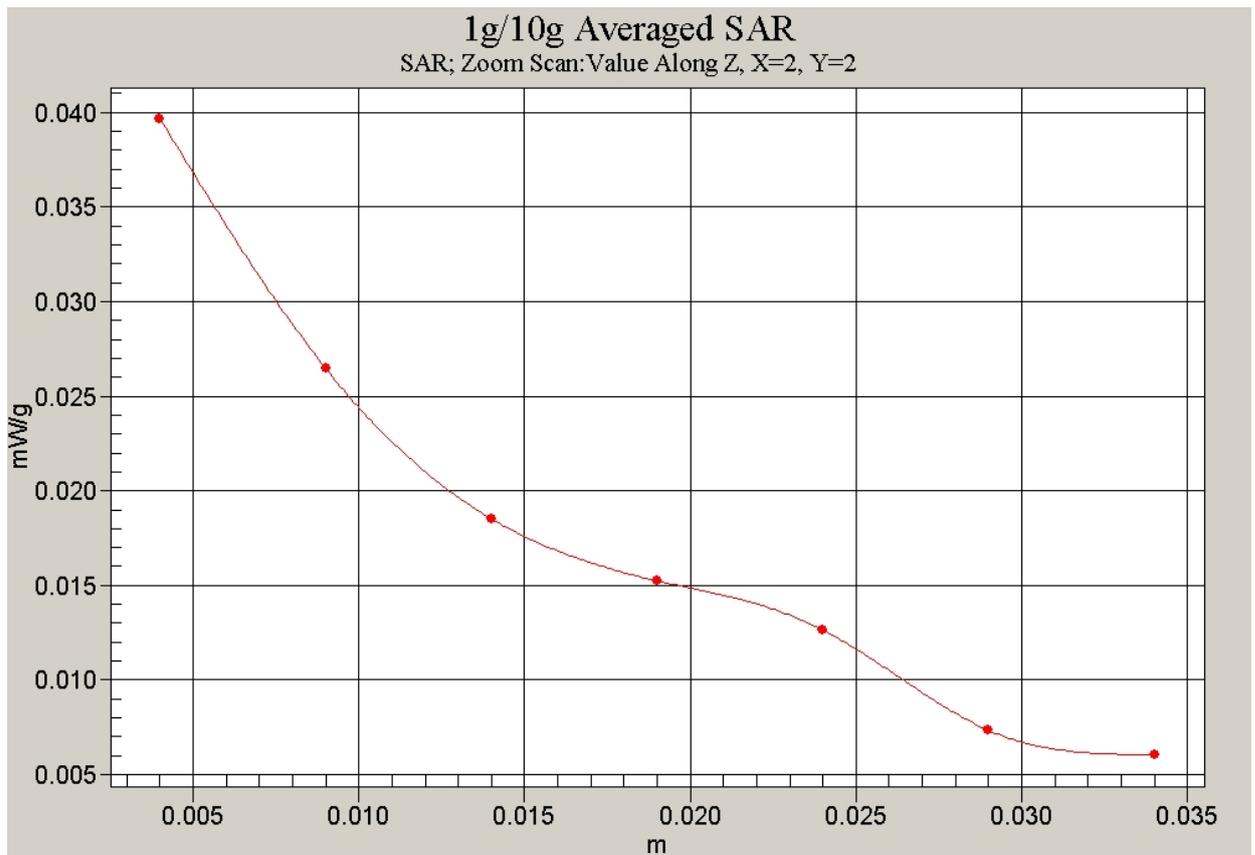


Fig. 20 Z-Scan at power reference point (PCS 1900MHz CH810)

**1900 Right Tilt Middle**

Date/Time: 2007-11-30 10:54:29

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Tilt Middle/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.034 mW/g

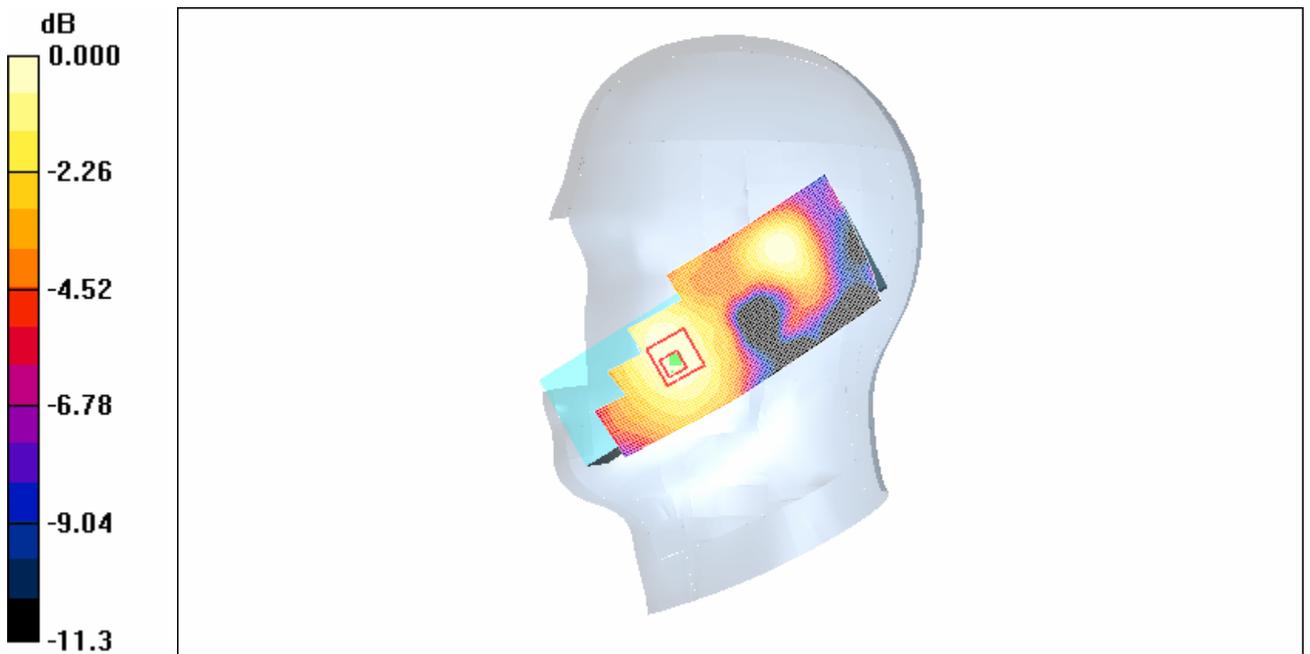
**Tilt Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,  
 dz=5mm

Reference Value = 4.04 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.046 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.033mW/g

**Fig. 21 Right Hand Tilt 15°PCS 1900MHz CH661**

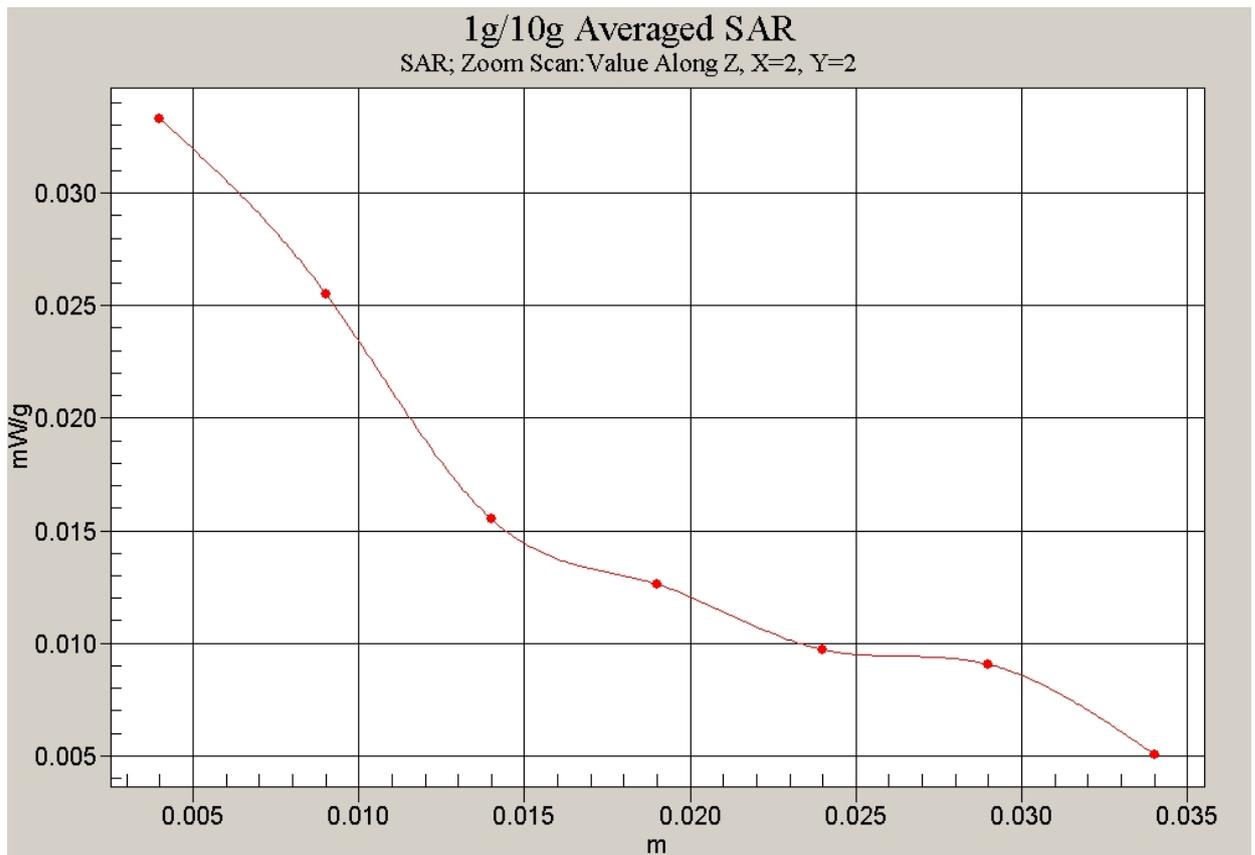


Fig. 22 Z-Scan at power reference point (PCS 1900MHz CH661)

**1900 Right Tilt Low**

Date/Time: 2007-11-30 10:43:15

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

**Tilt Low/Area Scan (51x131x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.037 mW/g

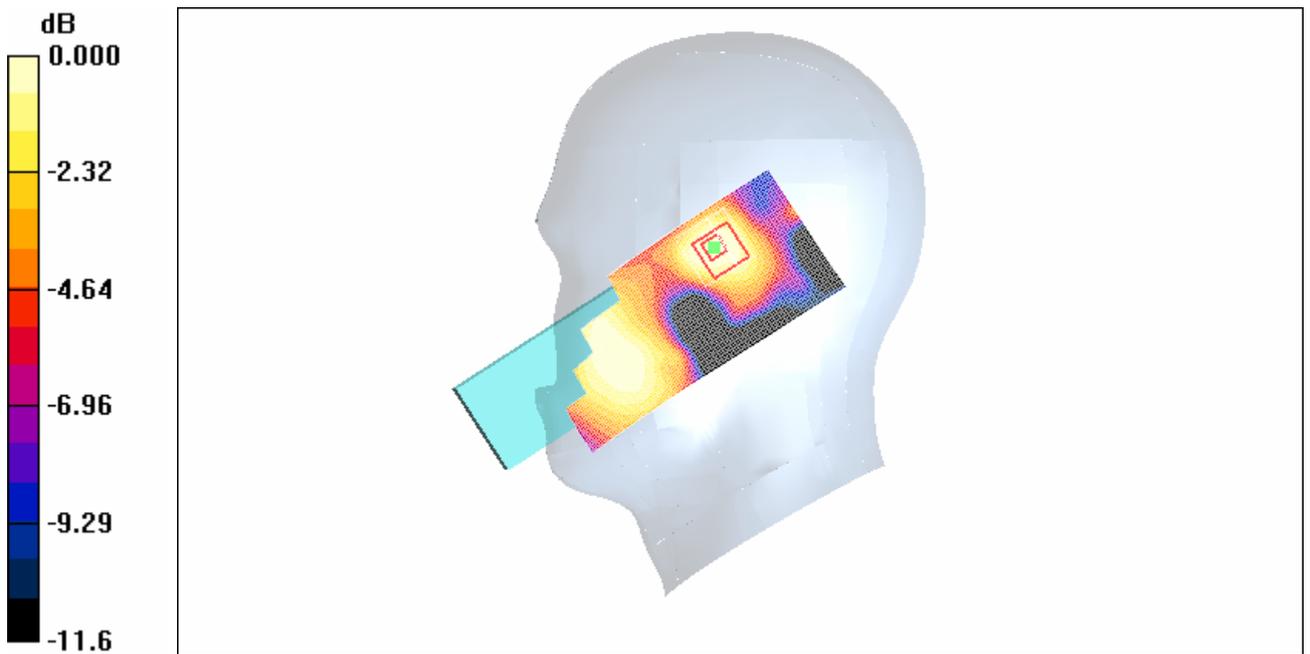
**Tilt Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.27 V/m; Power Drift = 0.198 dB

Peak SAR (extrapolated) = 0.053 W/kg

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.032 mW/g



0 dB = 0.032mW/g

**Fig. 23 Right Hand Tilt 15°PCS 1900MHz CH512**

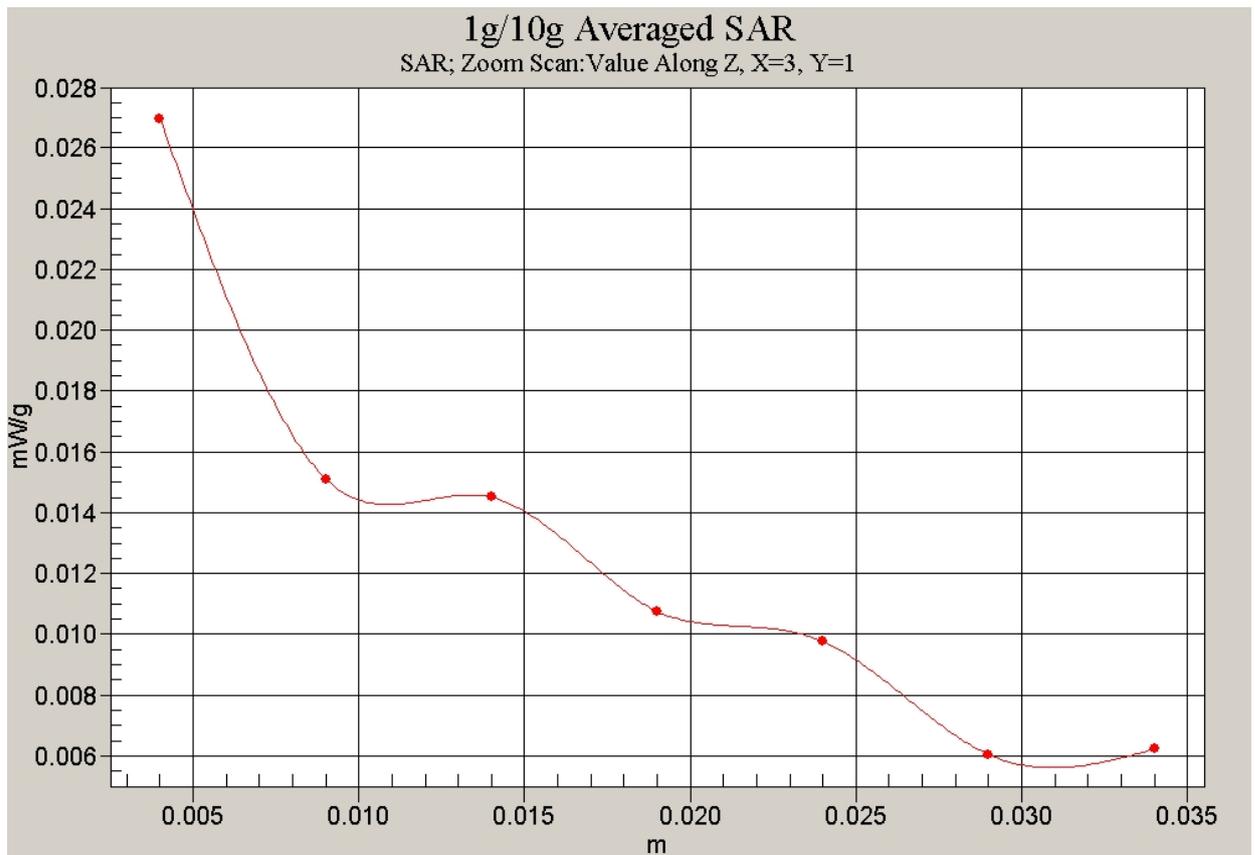


Fig. 24 Z-Scan at power reference point (PCS 1900MHz CH512)

**1900 Body Toward Ground High with GPRS**

Date/Time: 2007-11-30 13:31:39

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

**Toward Ground High/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.299 mW/g

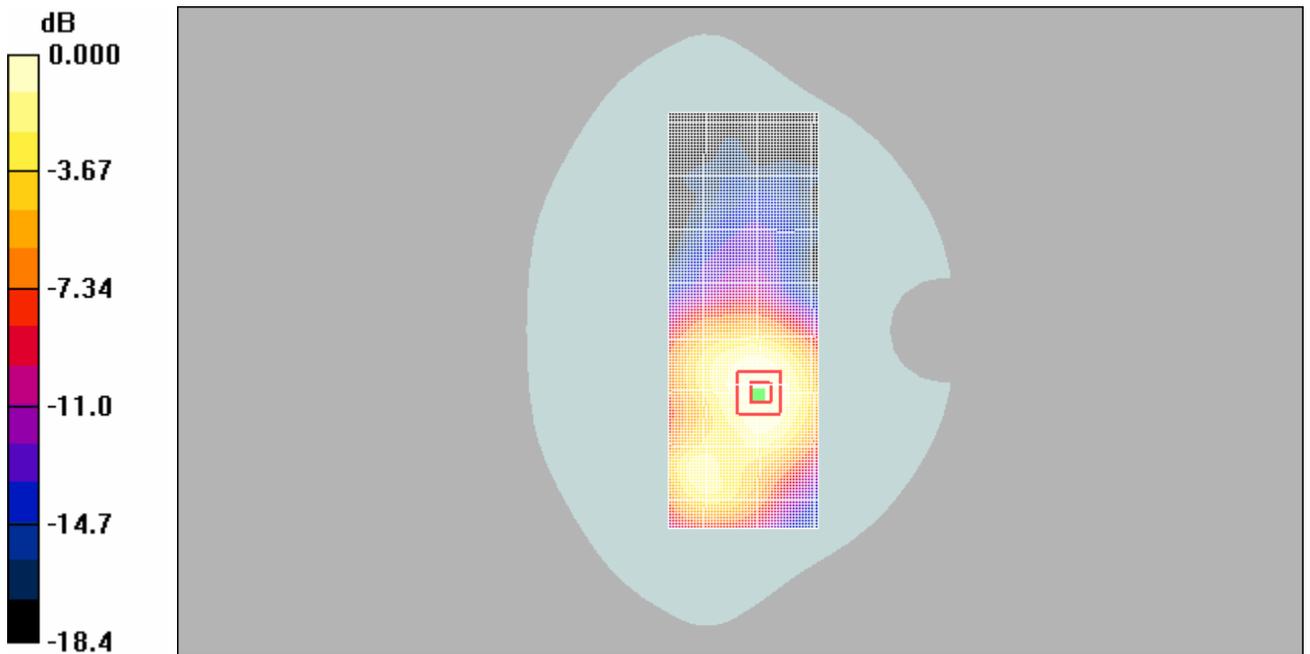
**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.41 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.410 W/kg

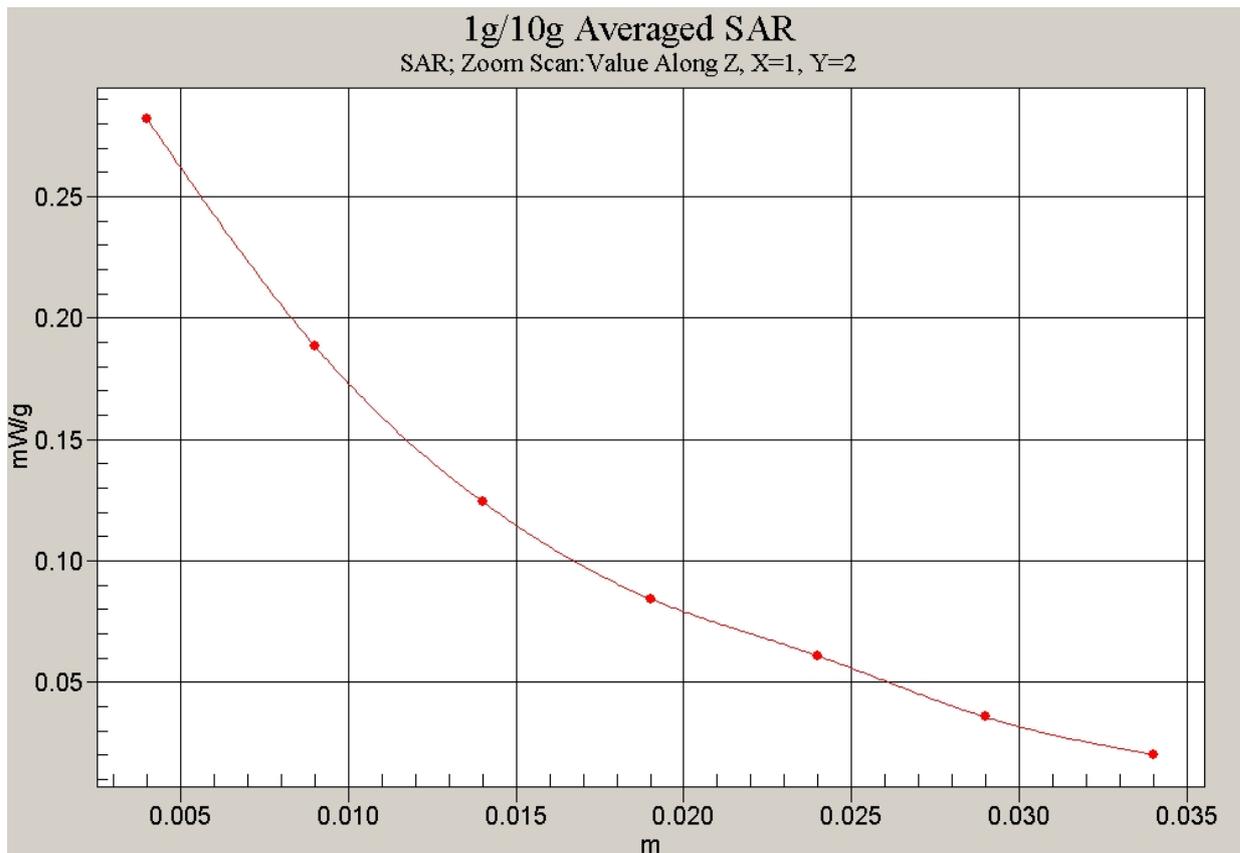
**SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

Fig. 25 PCS 1900MHz, Body, Towards Ground with GPRS, CH810



**Fig. 26 Z-Scan at power reference point  
(PCS 1900MHz, Body Towards Ground with GPRS, CH810)**

**1900 Body Toward Ground Middle with GPRS**

Date/Time: 2007-11-30 13:45:18

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3°C      Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

**Toward Ground Middle/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.293 mW/g

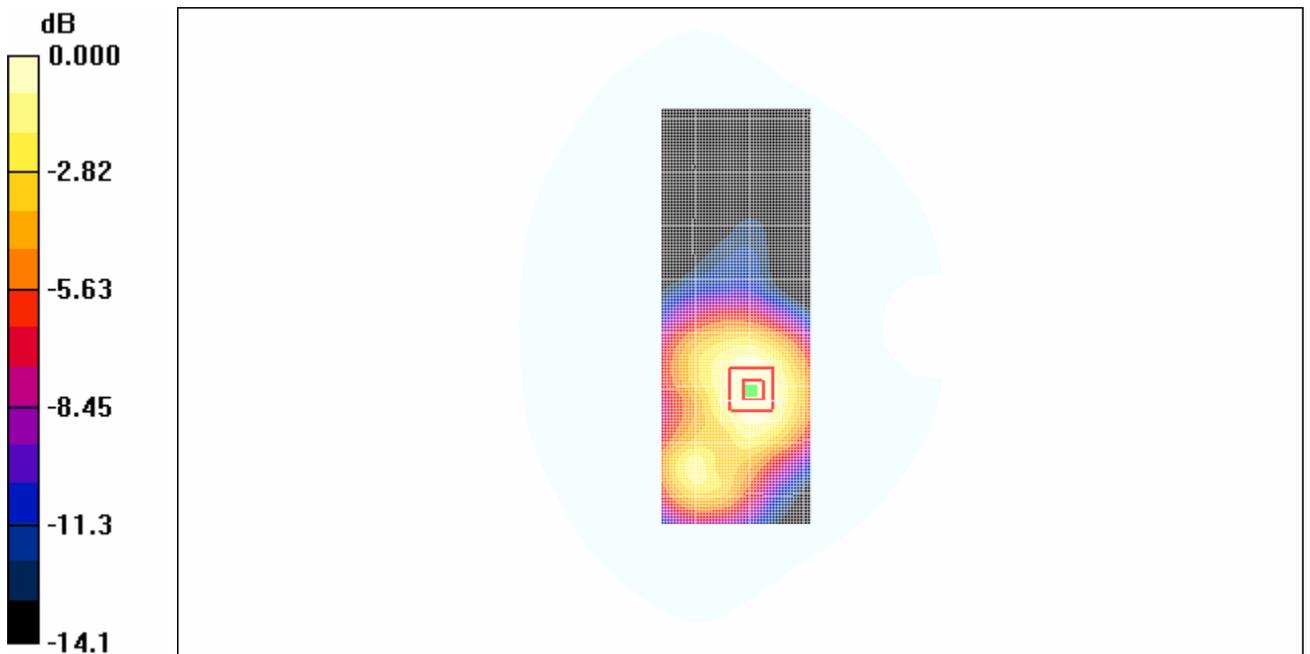
**Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.54 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.427 W/kg

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.176 mW/g**

Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.278mW/g

**Fig. 27 PCS 1900MHz, Body, Towards Ground with GPRS, CH661**