

**Fig. 30 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4132-flip opened)**

**WCDMA 850 Body Toward Ground High with Bluetooth-flip opened**

Date/Time: 2008-6-10 17:11:32

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

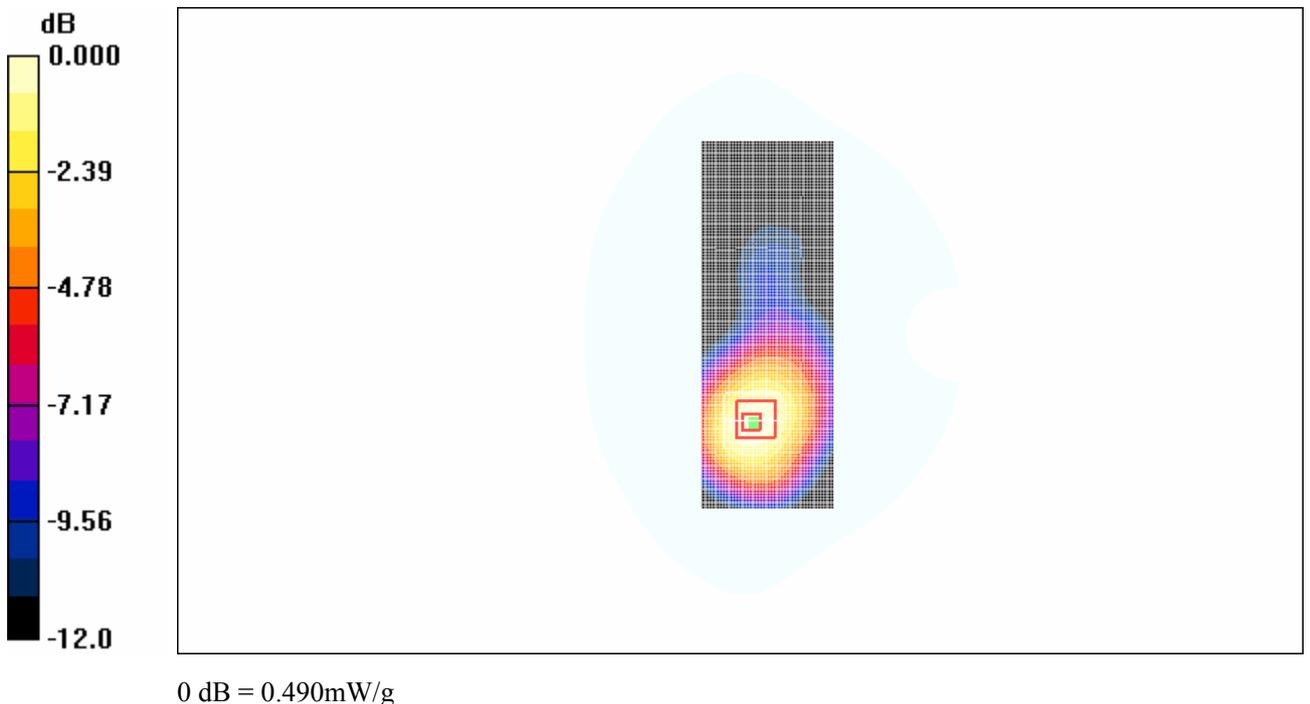
**Toward Ground High/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.486 mW/g**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

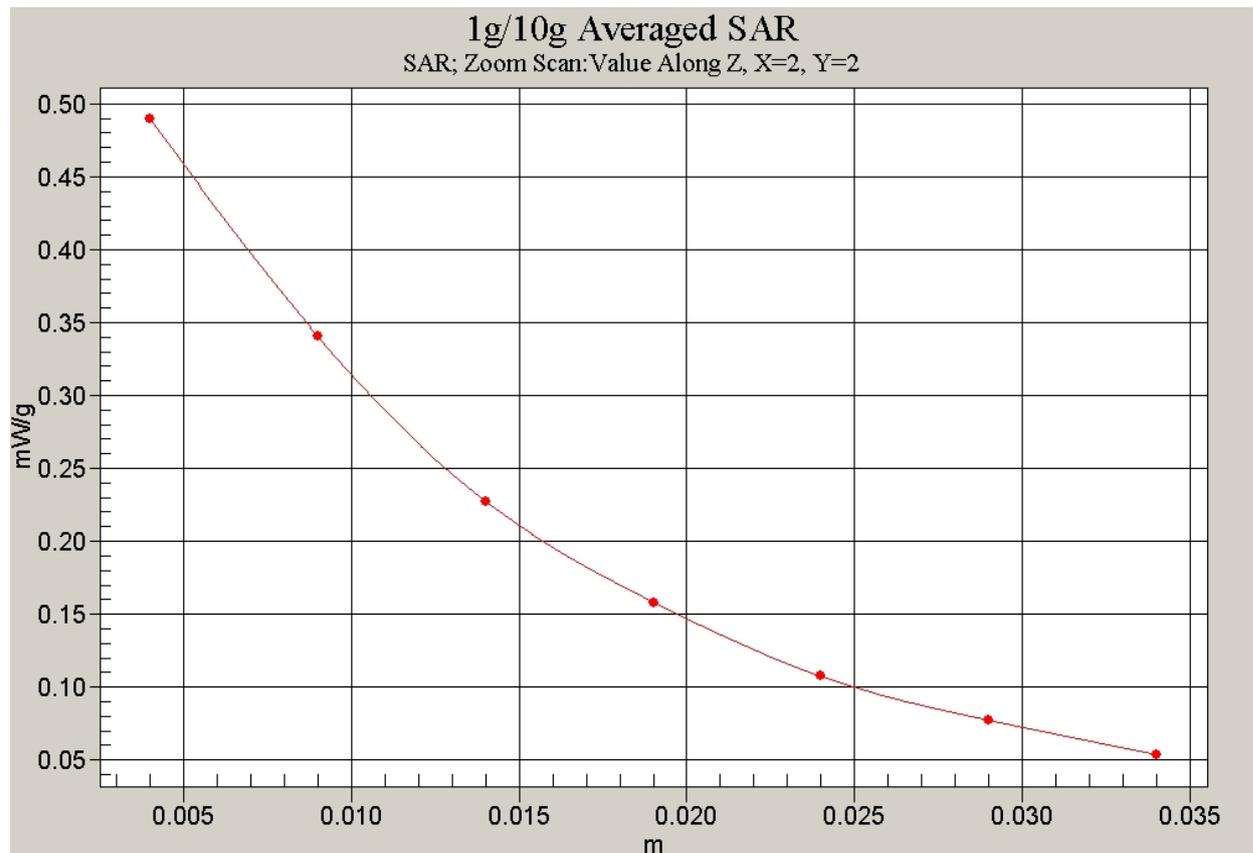
Reference Value = 9.98 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.671 W/kg

**SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.490 mW/g

**Fig. 31 WCDMA850 MHz, Body, Towards Ground with Bluetooth function, CH4233-flip opened**



**Fig.32 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground with Bluetooth function, CH4233-flip opened)**

**WCDMA 850 Body Toward Ground High with Headset-flip closed**

Date/Time: 2008-6-10 17:32:36

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

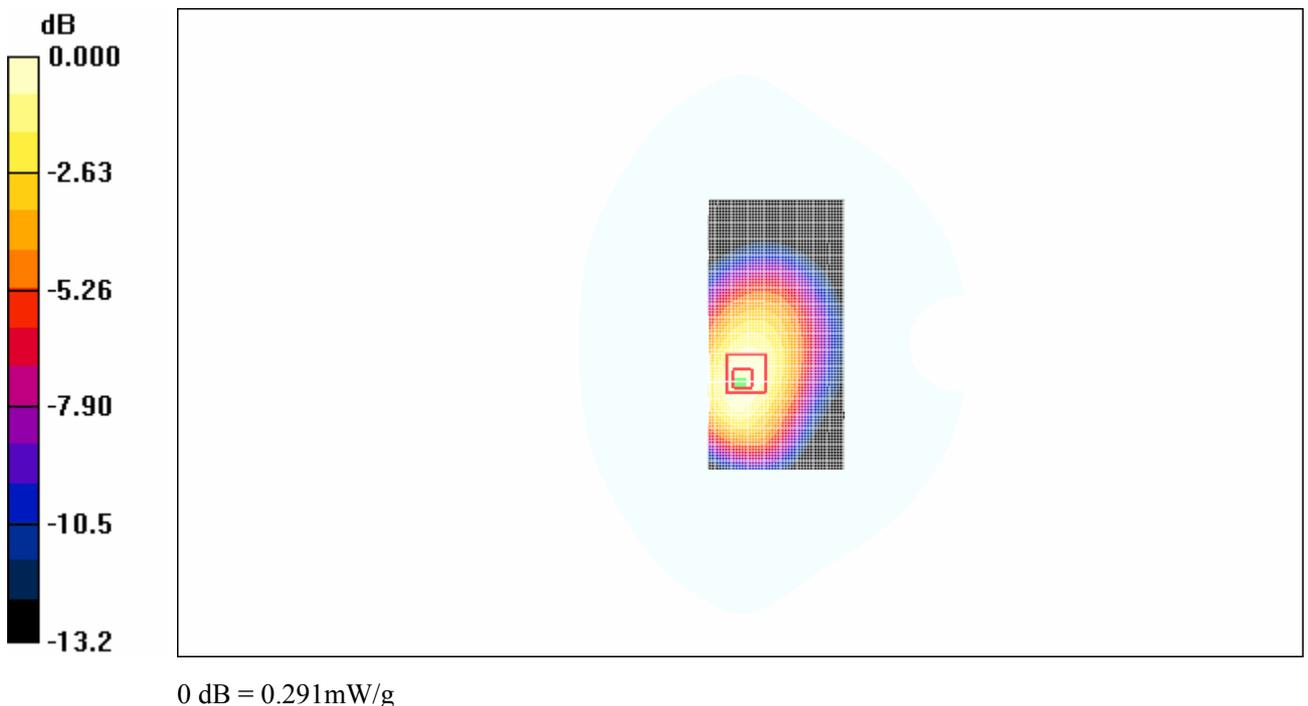
**Toward Ground High/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.301 mW/g**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

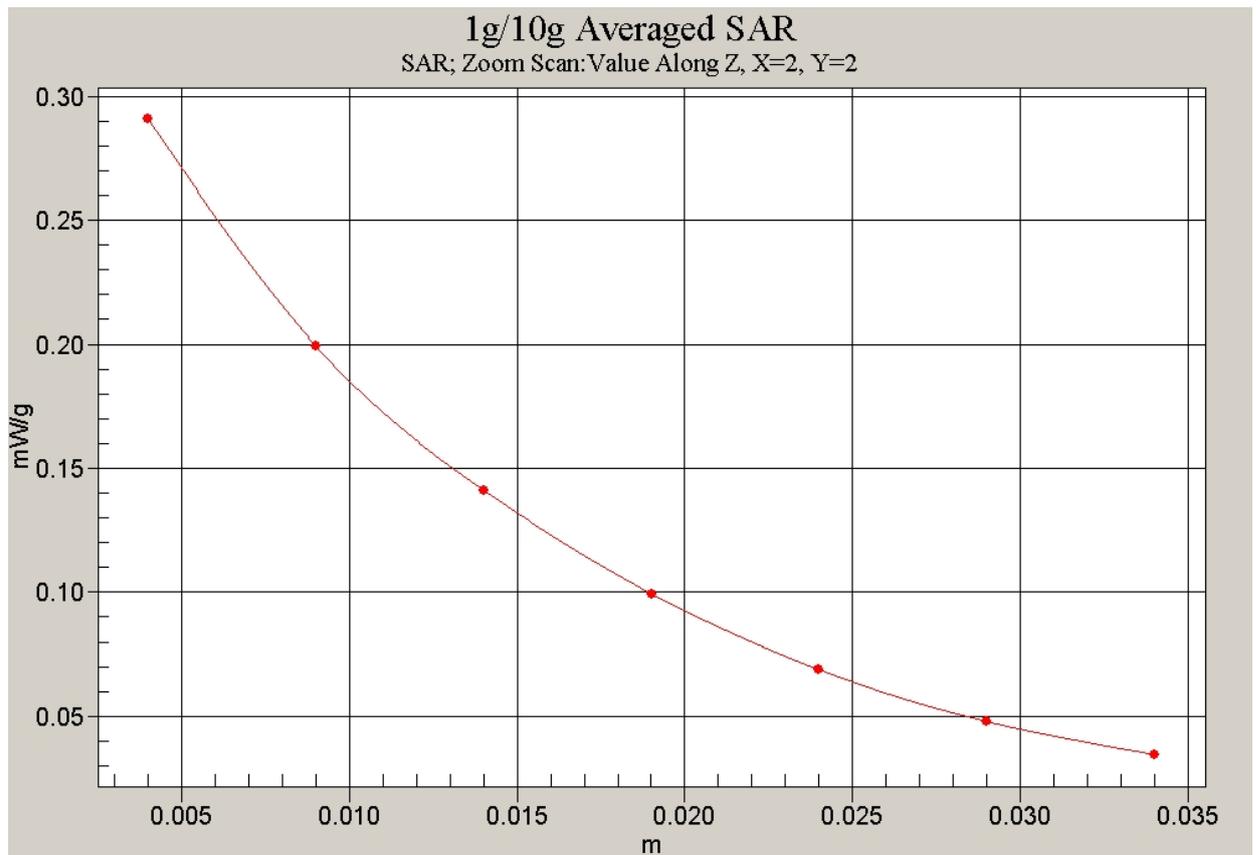
Reference Value = 14.0 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.185 mW/g**

Maximum value of SAR (measured) = 0.291 mW/g

**Fig. 33 WCDMA850 MHz, Body, Towards Ground, CH4233-flip closed**



**Fig. 34 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233-flip closed)**

**WCDMA 850 Body Toward Ground Middle with Headset-flip closed**

Date/Time: 2008-6-10 17:44:25

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 1.00$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

**Toward Ground Middle/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.269 mW/g

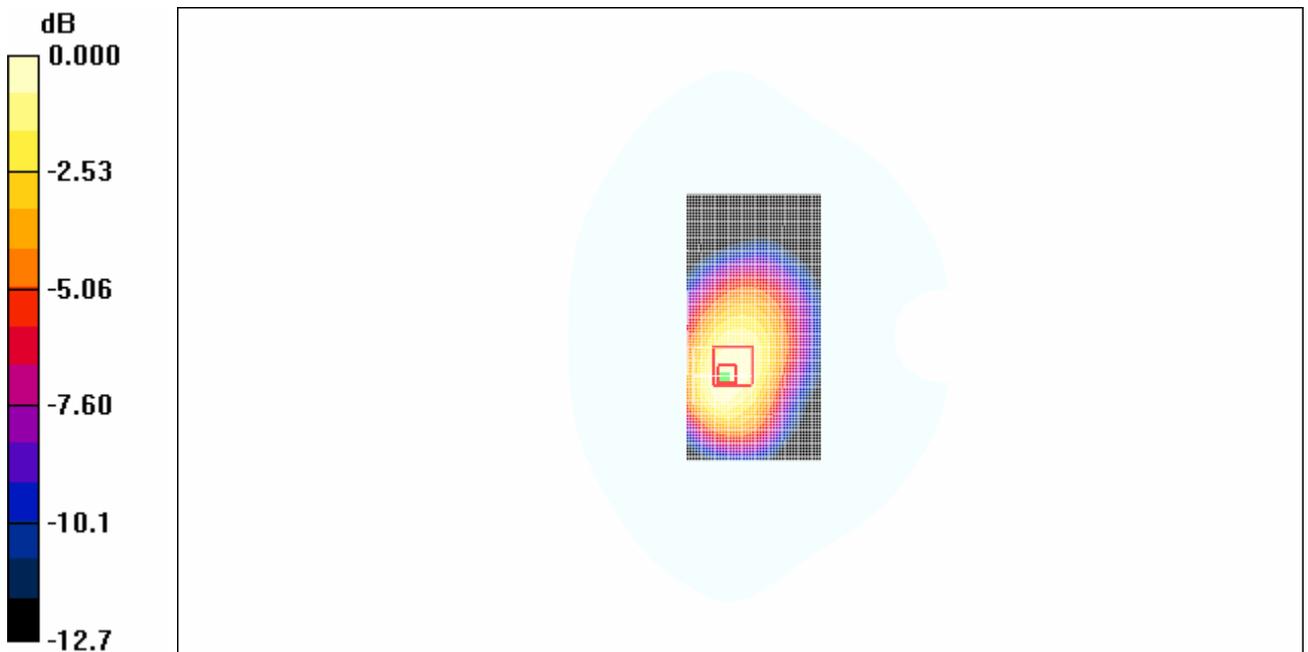
**Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.358 W/kg

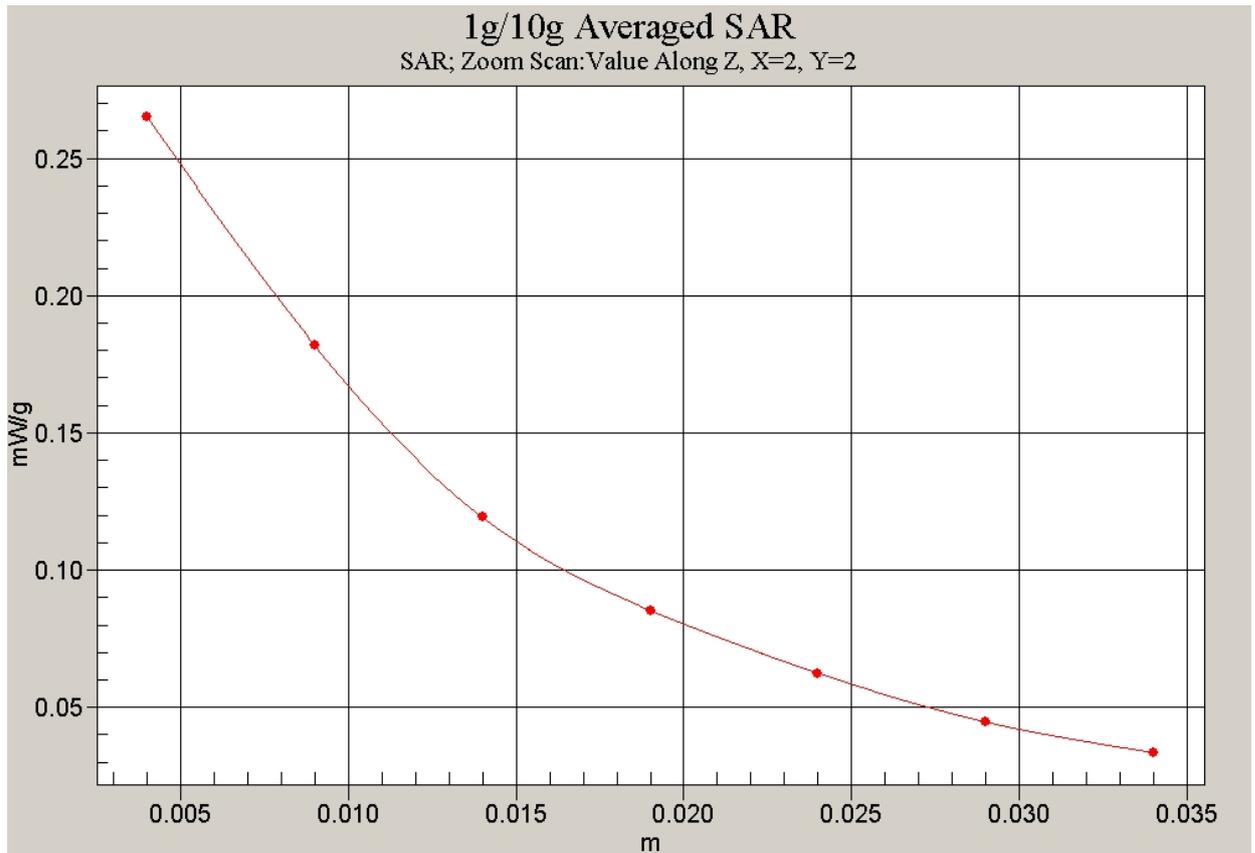
**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.265 mW/g



0 dB = 0.265mW/g

**Fig. 35 WCDMA850 MHz, Body, Towards Ground, CH4182-flip closed**



**Fig. 36 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4182-flip closed)**

**WCDMA 850 Body Toward Ground Low with Headset-flip closed**

Date/Time: 2008-6-10 17:59:37

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

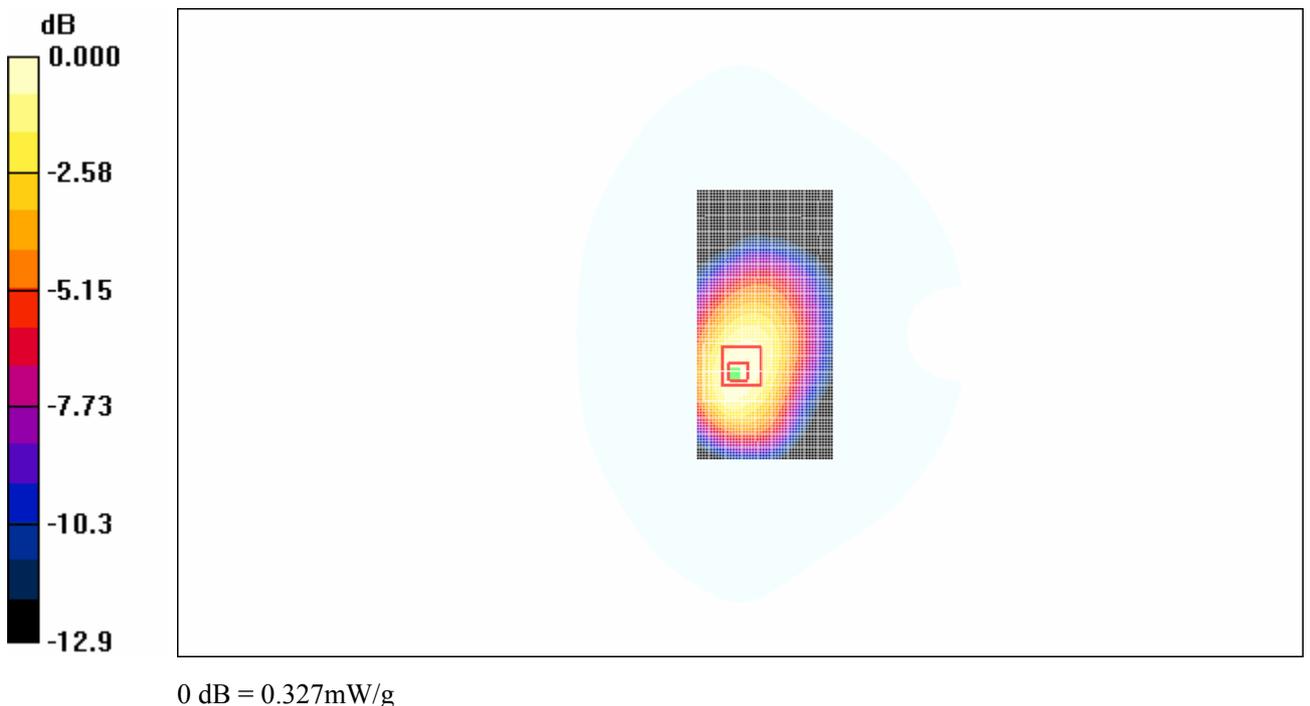
**Toward Ground Low/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.329 mW/g**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

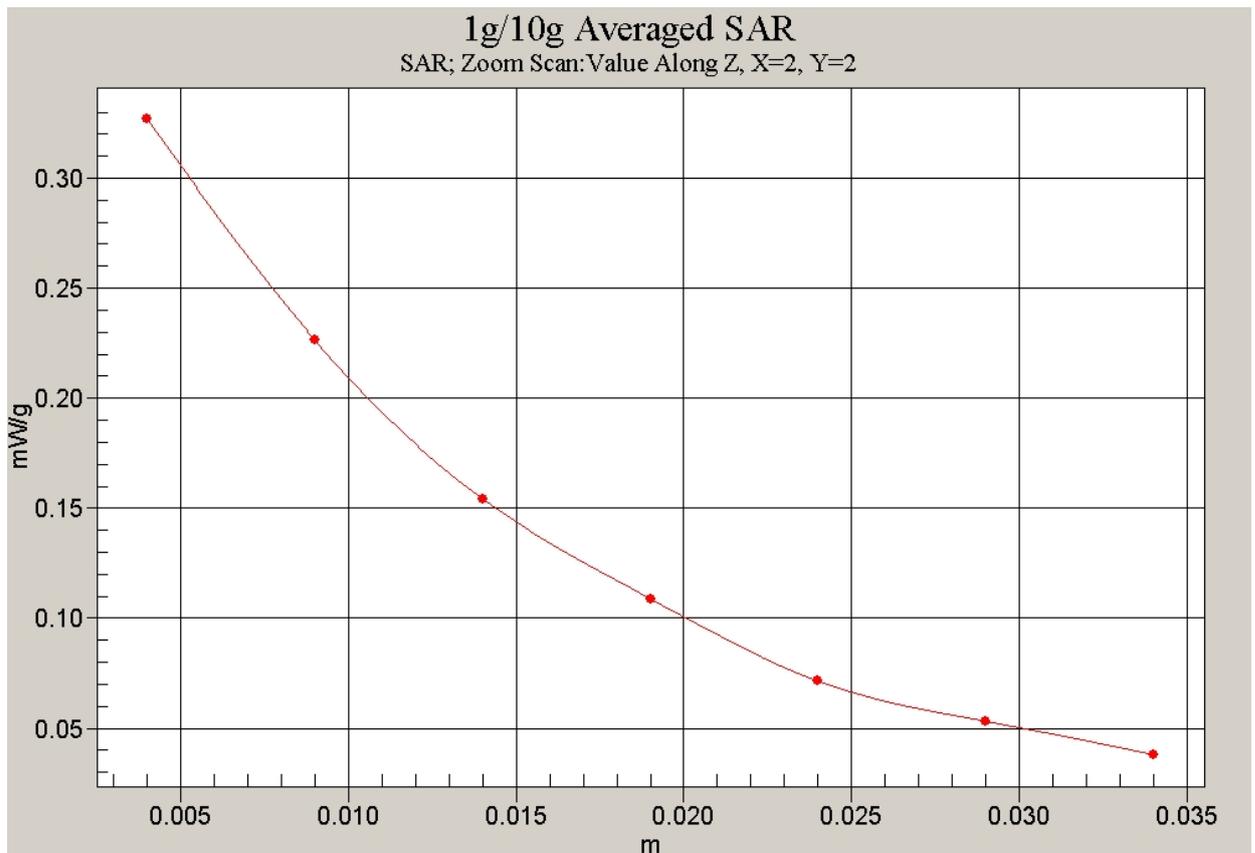
Reference Value = 14.7 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.327 mW/g

**Fig. 37 WCDMA850 MHz, Body, Towards Ground, CH4132-flip closed**



**Fig. 38 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4132-flip closed)**

**WCDMA 850 Body Toward Phantom High with Headset-flip closed**

Date/Time: 2008-6-10 18:16:51

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

**Toward Phantom High/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

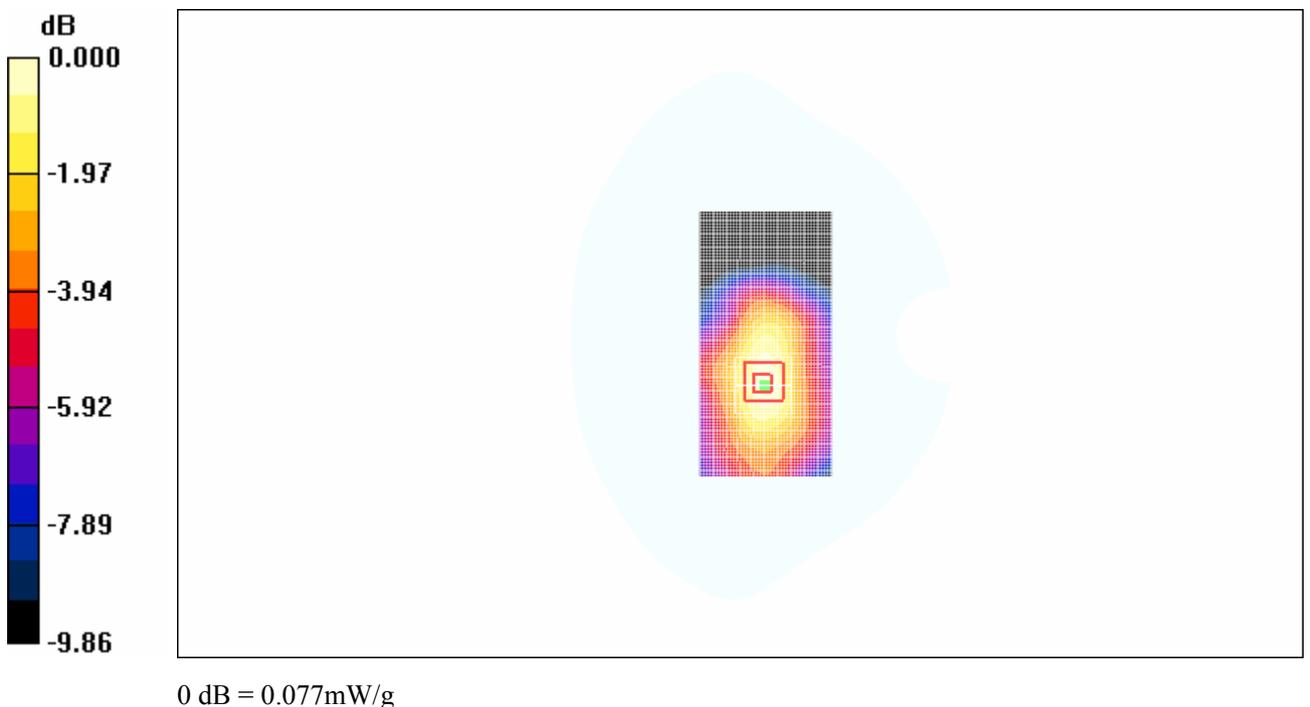
**Toward Phantom High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

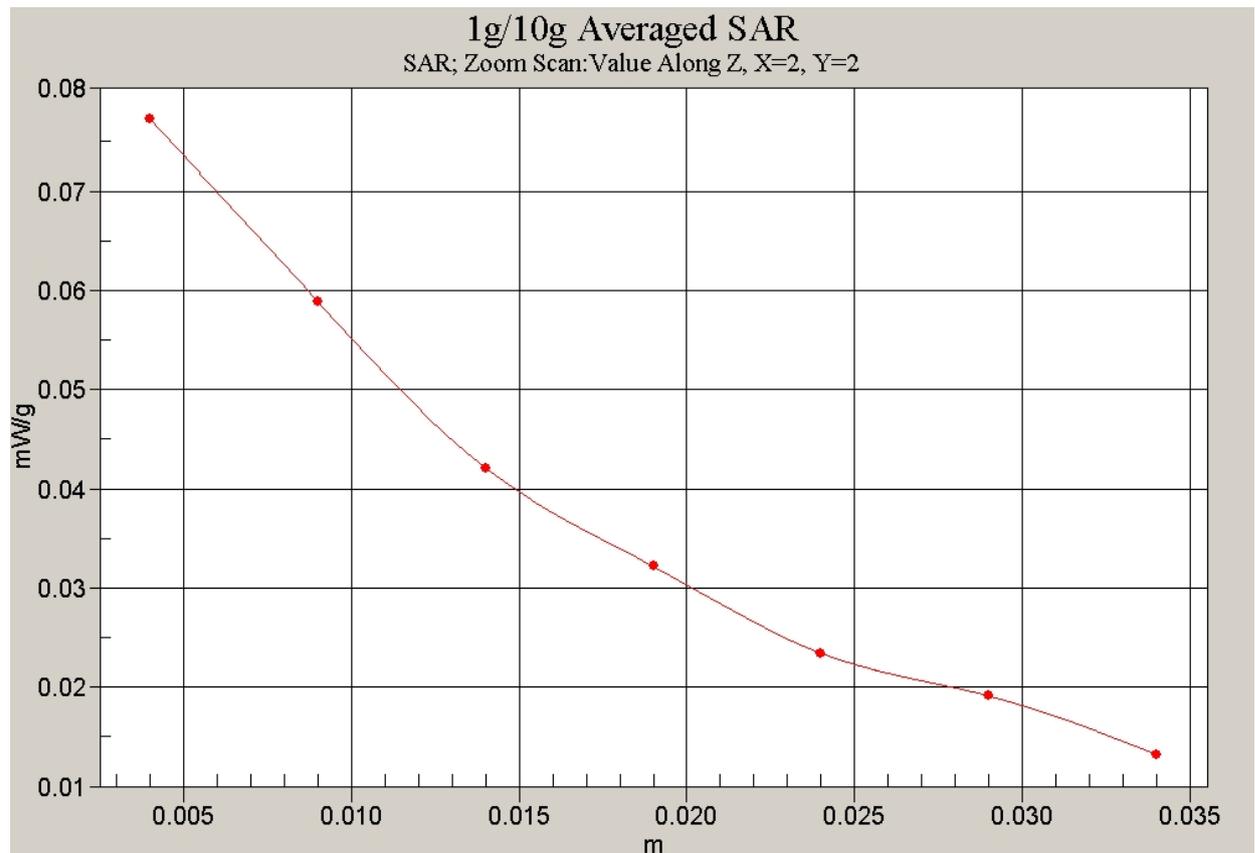
Reference Value = 7.58 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.092 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.077 mW/g

**Fig. 39 WCDMA850 MHz, Body, Towards Phantom, CH4233-flip closed**



**Fig. 40 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4233-flip closed)**

**WCDMA 850 Body Toward Phantom Middle with Headset-flip closed**

Date/Time: 2008-6-10 18:28:52

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 1.00$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

**Toward Phantom Middle/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.069 mW/g

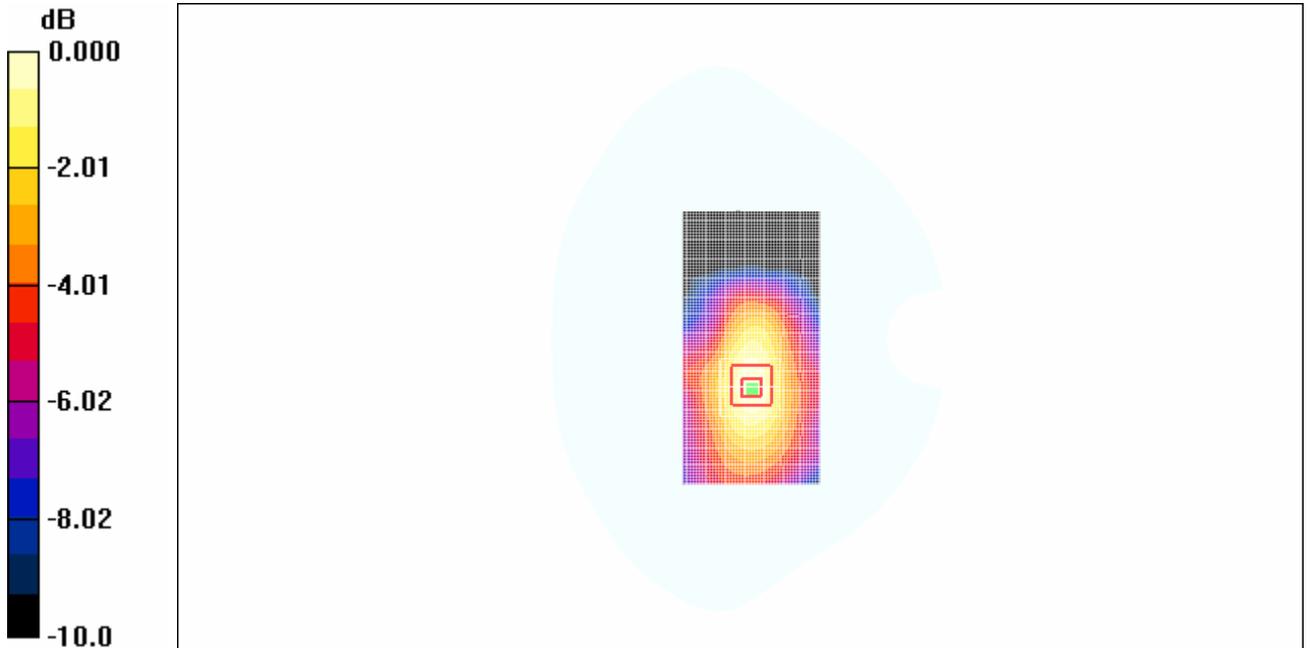
**Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.14 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 0.075 W/kg

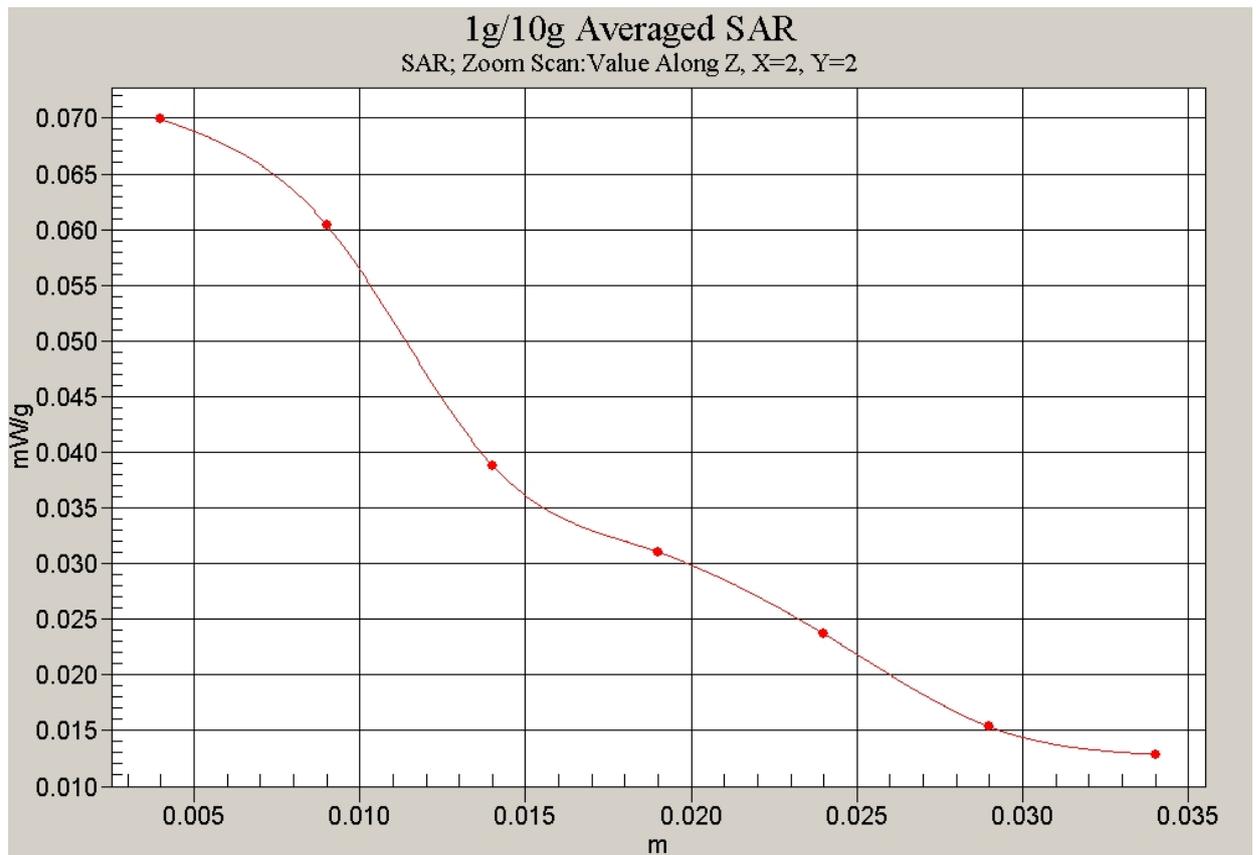
**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

**Fig. 41 WCDMA850 MHz, Body, Towards Phantom, CH4182-flip closed**



**Fig.42 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4182-flip closed)**

**WCDMA 850 Body Toward Phantom Low with Headset-flip closed**

Date/Time: 2008-6-10 18:39:28

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.99$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(5.66, 5.66, 5.66)

**Toward Phantom Low/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.077 mW/g

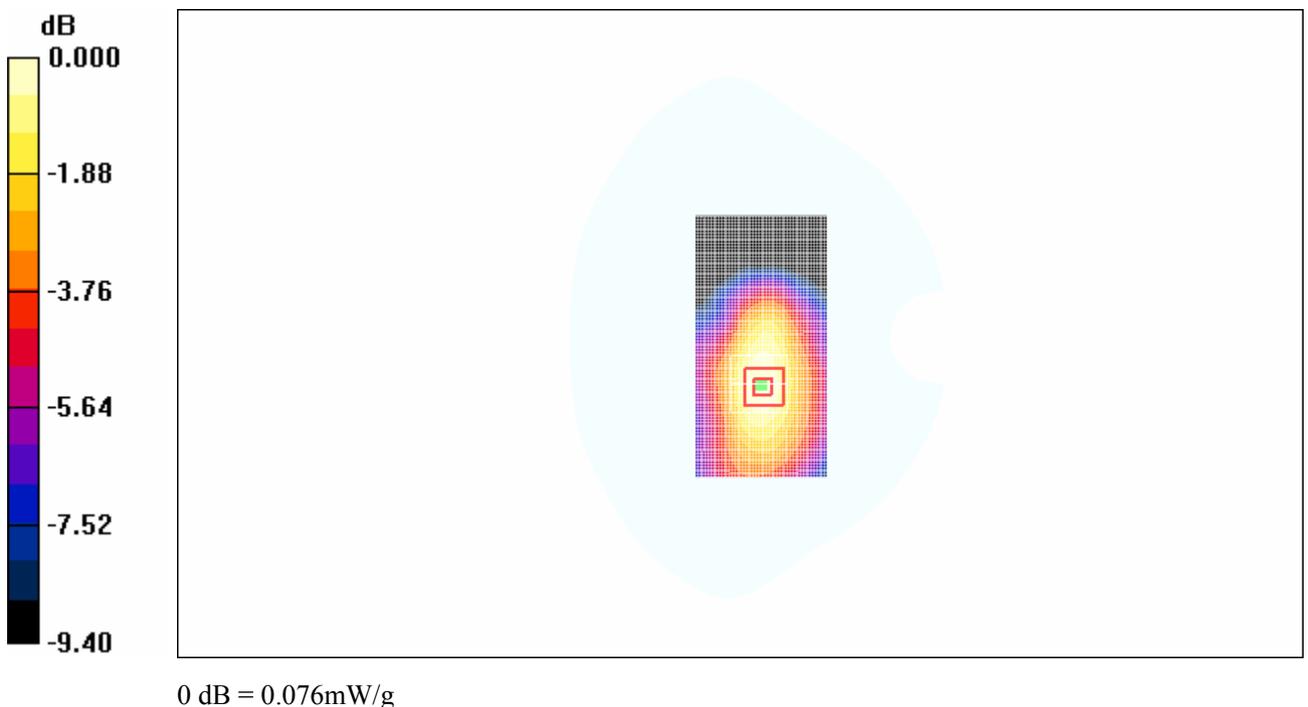
**Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.83 V/m; Power Drift = -0.200 dB

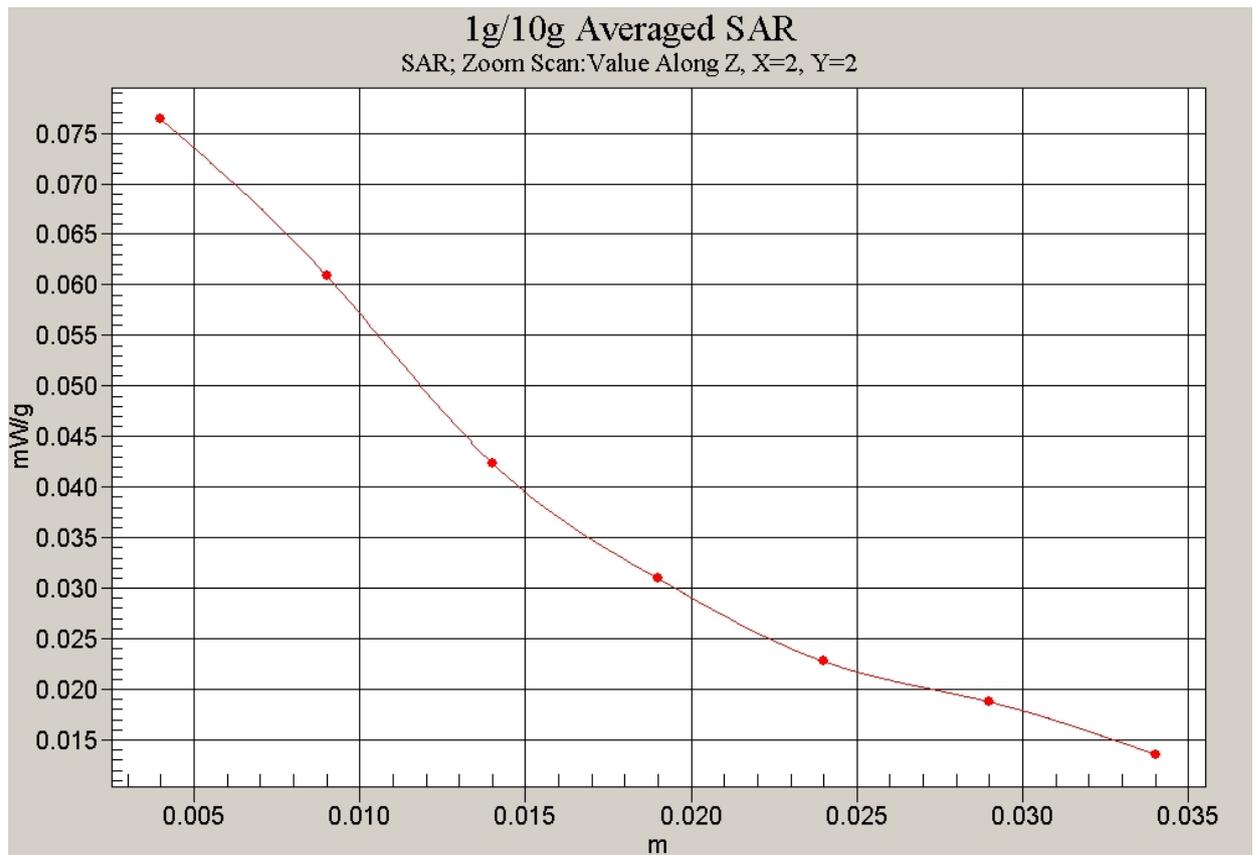
Peak SAR (extrapolated) = 0.094 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.076 mW/g



**Fig. 43 WCDMA850 MHz, Body, Towards Phantom, CH4132-flip closed**



**Fig. 44 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4132-flip closed)**

**WCDMA 1900 Left Cheek High**

Date/Time: 2008-6-11 10:21:21

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Cheek High/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.294 mW/g

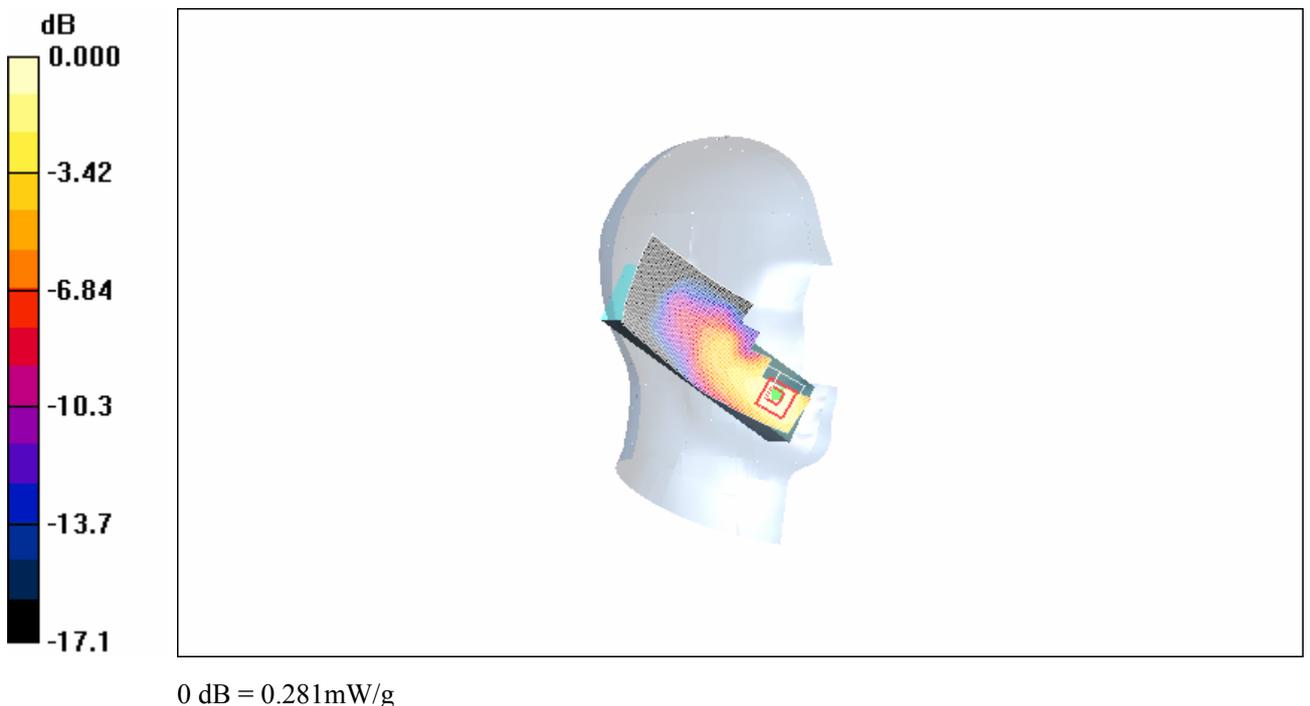
**Cheek High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

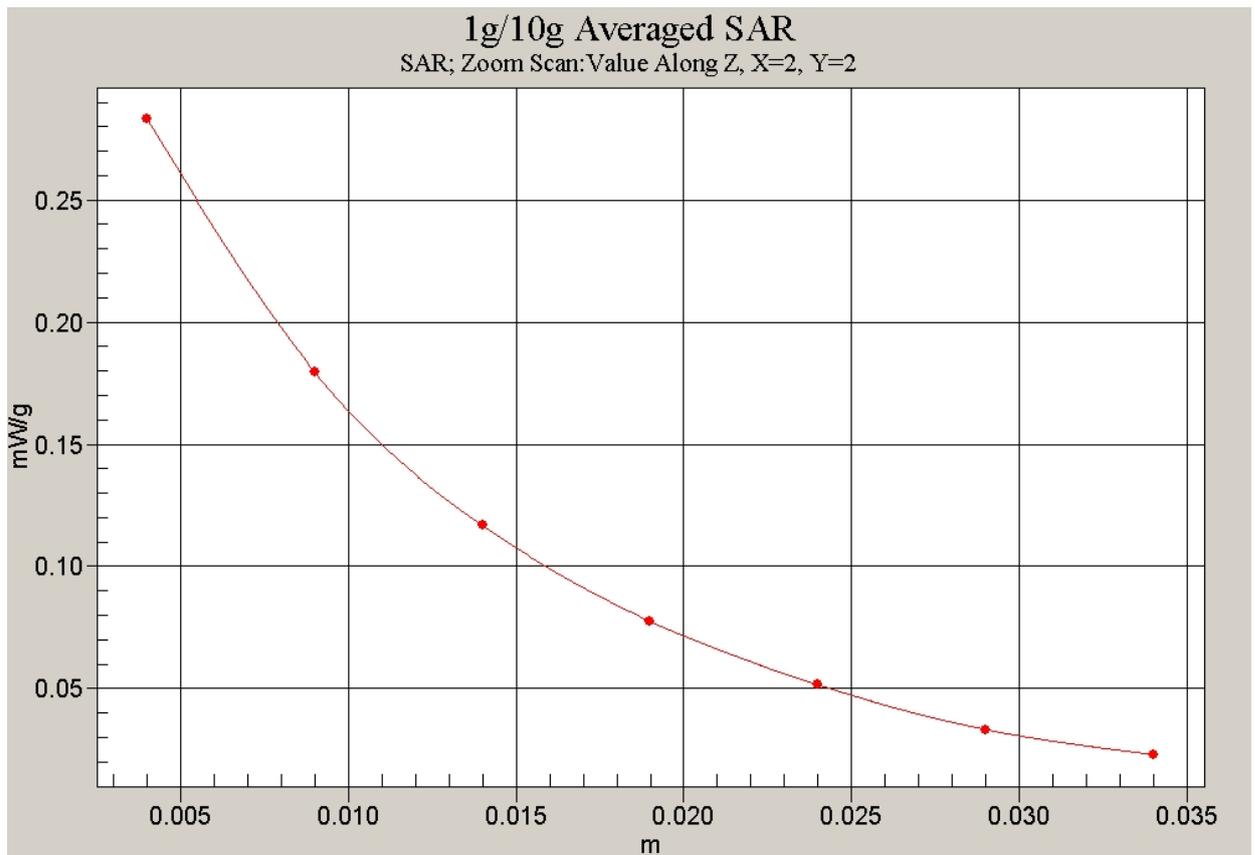
Reference Value = 2.51 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.433 W/kg

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.165 mW/g**

Maximum value of SAR (measured) = 0.281 mW/g

**Fig. 45 Left Hand Touch Cheek WCDMA 1900MHz CH9538**



**Fig. 46 Z-Scan at power reference point (WCDMA 1900MHz CH9538)**

**WCDMA 1900 Left Cheek Middle**

Date/Time: 2008-6-11 10:33:04

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Cheek Middle/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.324 mW/g

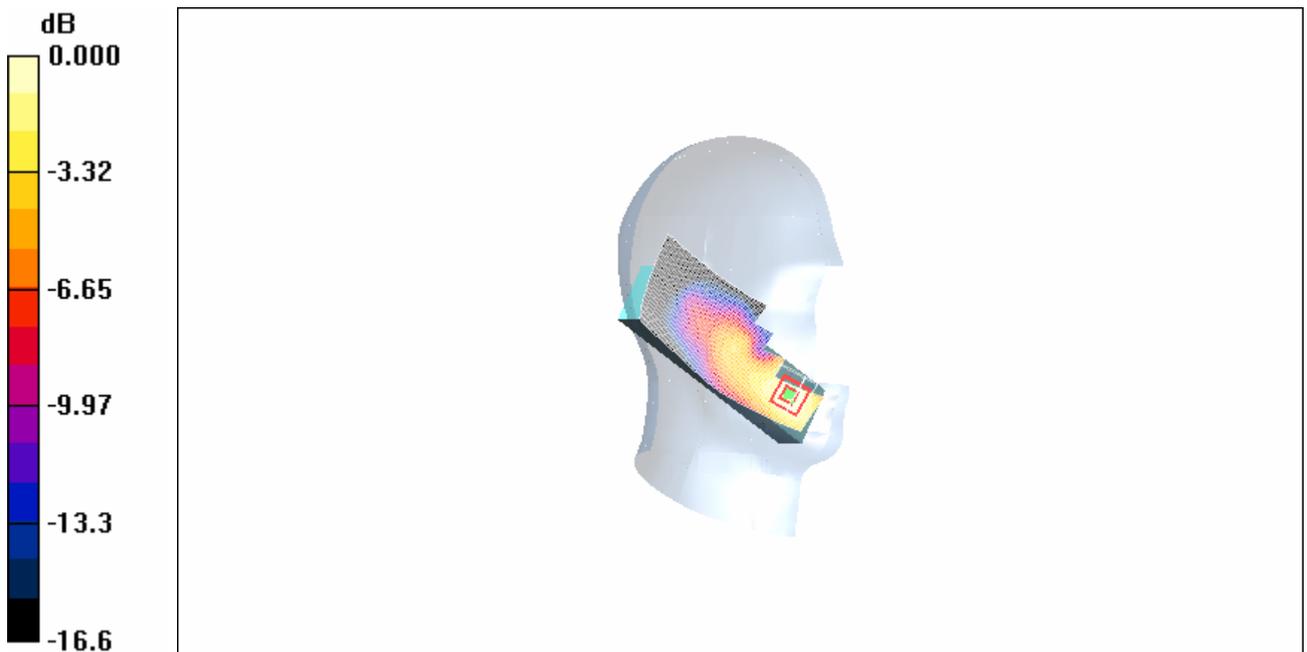
**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.49 V/m; Power Drift = 0.165 dB

Peak SAR (extrapolated) = 0.461 W/kg

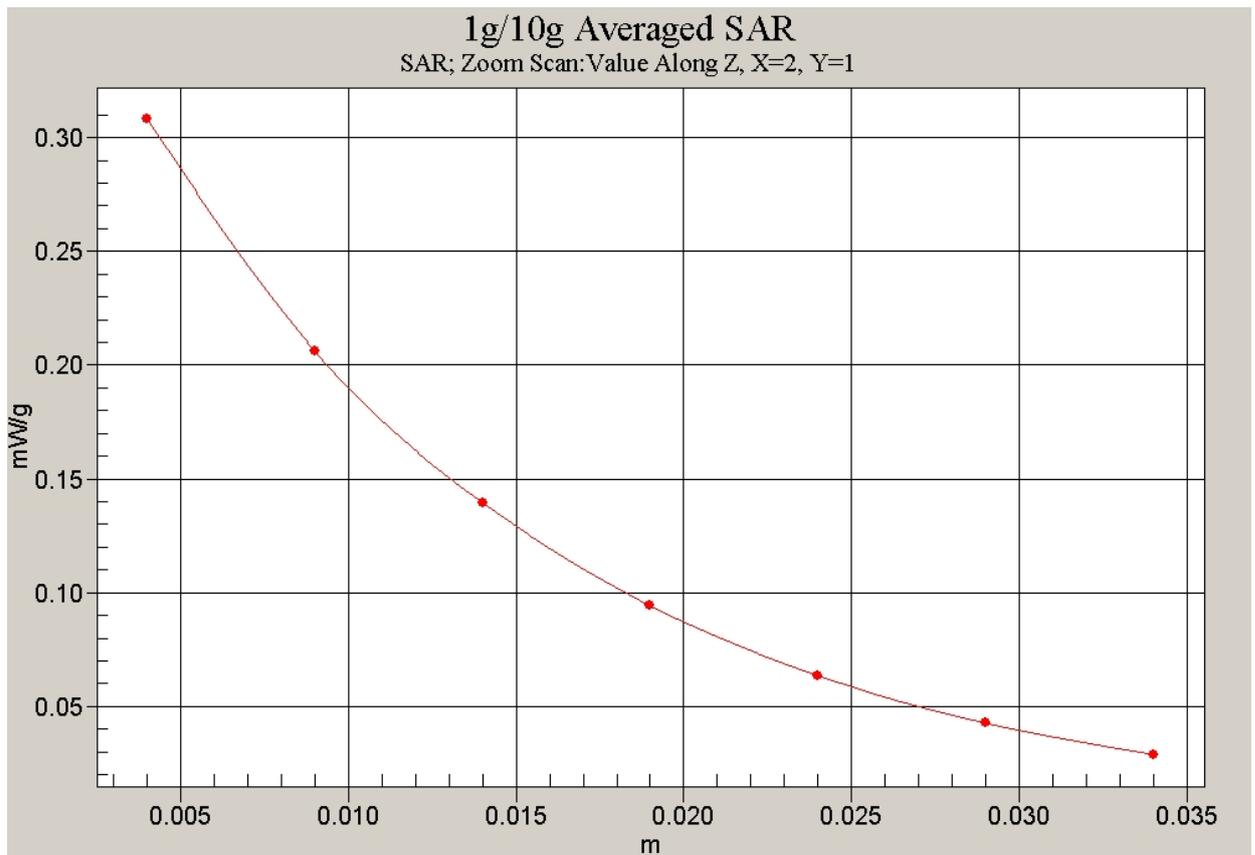
**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.308mW/g

**Fig. 47 Left Hand Touch Cheek WCDMA 1900MHz CH9400**



**Fig. 48 Z-Scan at power reference point (WCDMA 1900MHz CH9400)**

**WCDMA 1900 Left Cheek Low**

Date/Time: 2008-6-11 10:45:01

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.33$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Cheek Low/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.379 mW/g

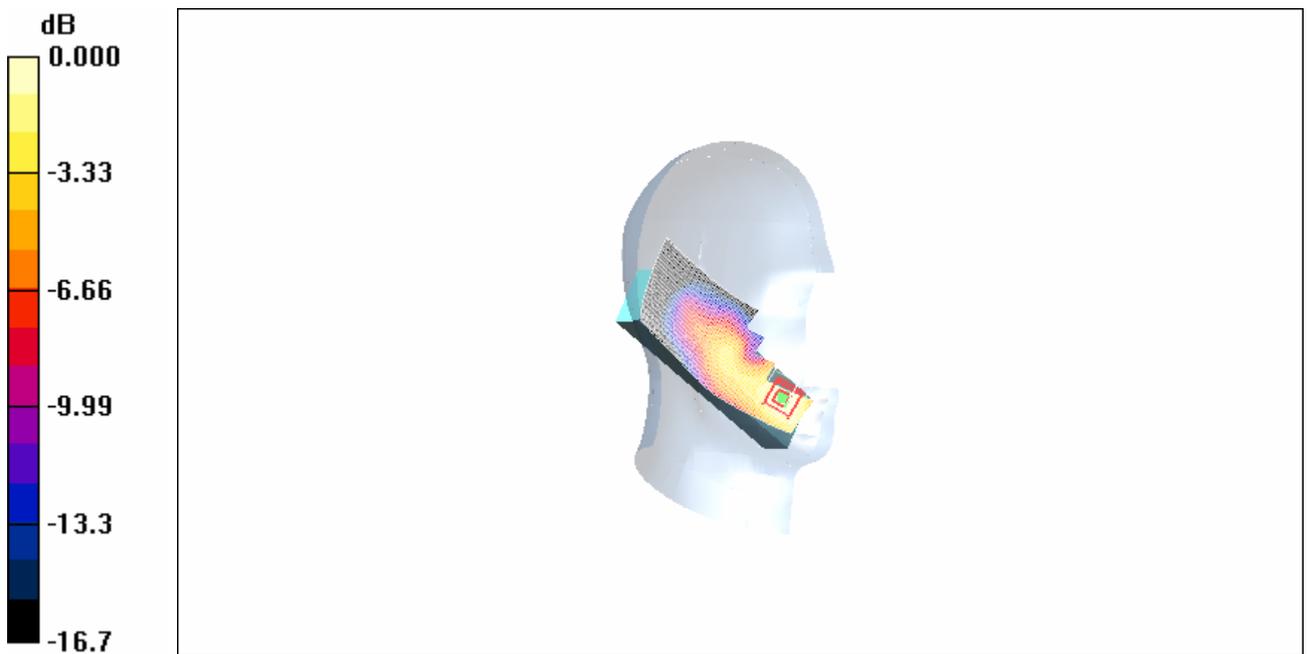
**Cheek Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.91 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.536 W/kg

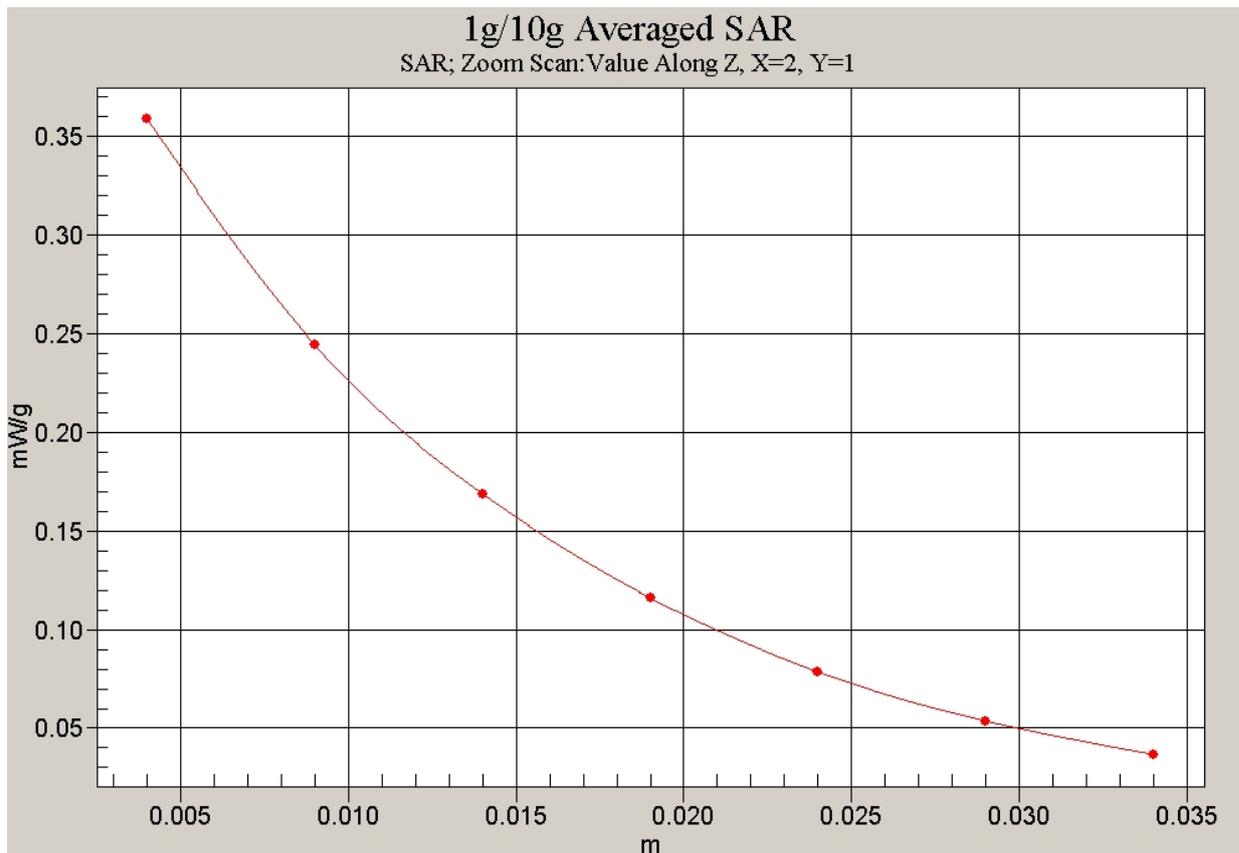
**SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.359mW/g

**Fig. 49 Left Hand Touch Cheek WCDMA 1900MHz CH9262**



**Fig. 50 Z-Scan at power reference point (WCDMA 1900MHz CH9262)**

**WCDMA 1900 Left Tilt High**

Date/Time: 2008-6-11 11:19:29

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Tilt High/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.092 mW/g

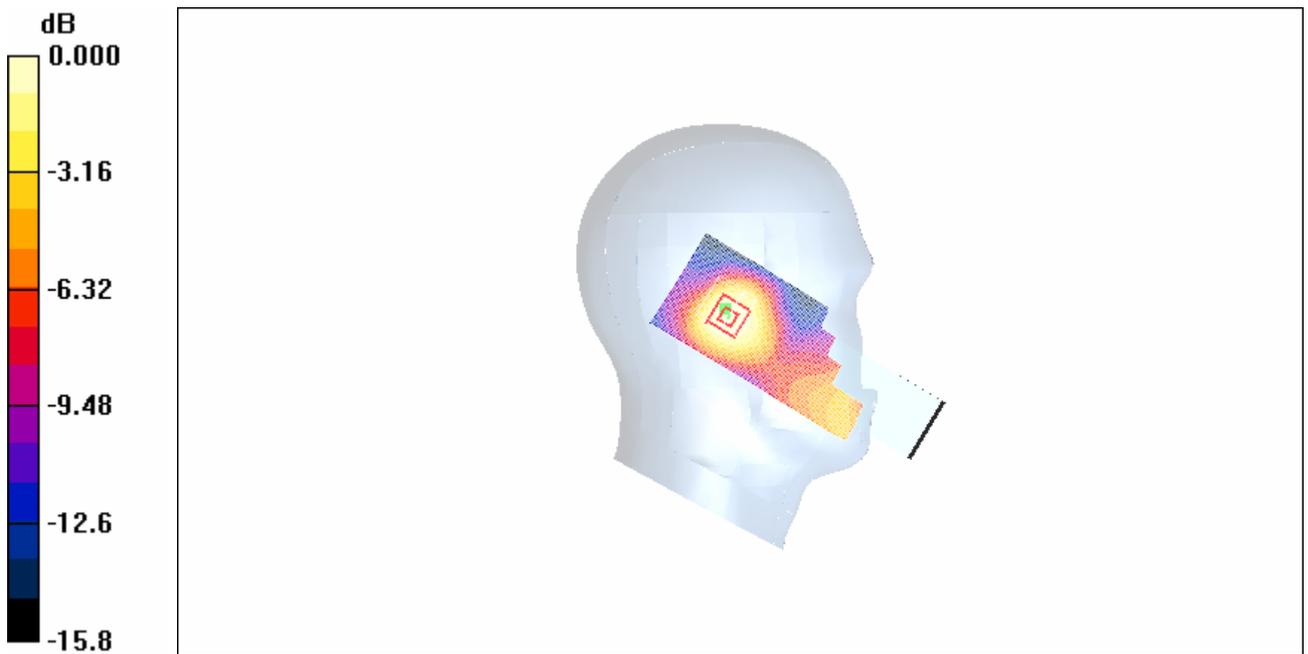
**Tilt High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.59 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.120 W/kg

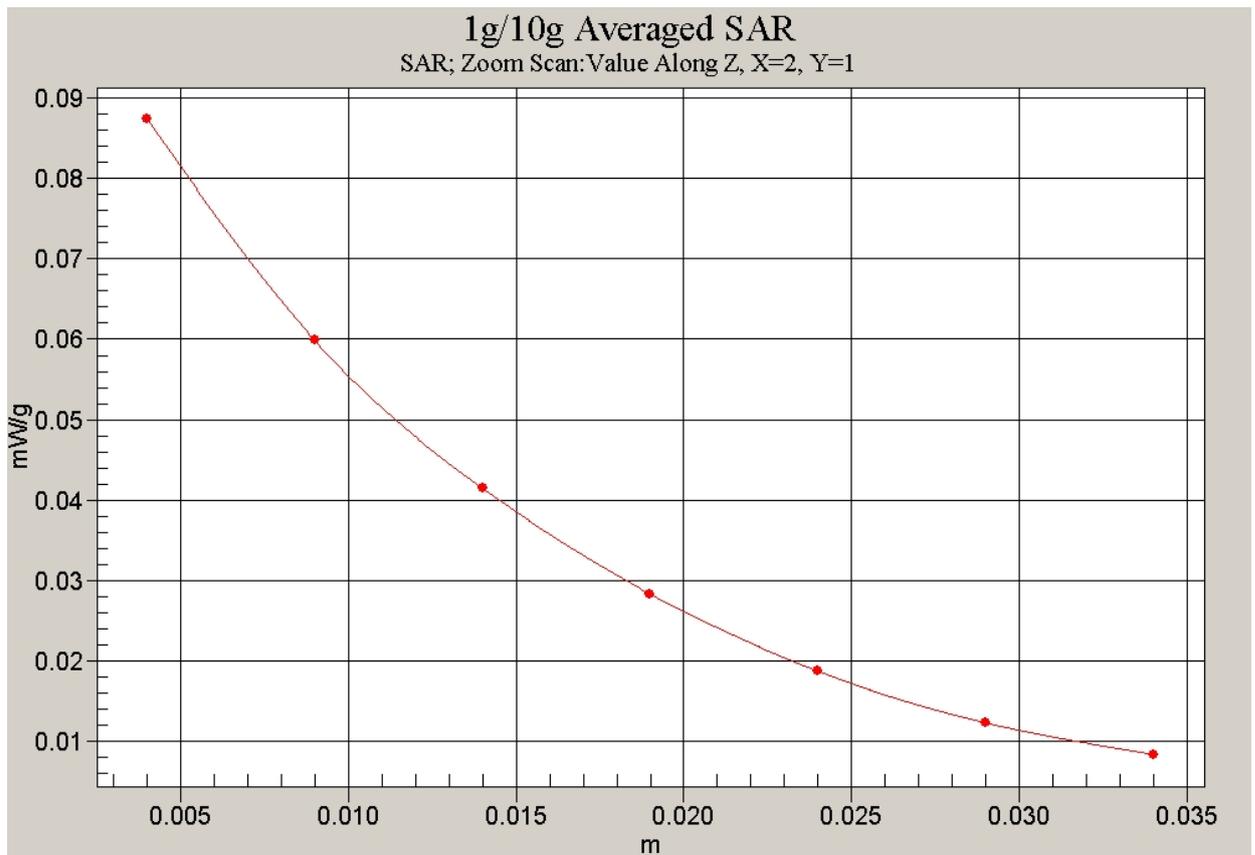
**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.087 mW/g



0 dB = 0.087mW/g

**Fig. 51 Left Hand Tilt 15° WCDMA 1900MHz CH9538**



**Fig. 52 Z-Scan at power reference point (WCDMA 1900MHz CH9538)**

**WCDMA 1900 Left Tilt Middle**

Date/Time: 2008-6-11 11:08:01

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Tilt Middle/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.117 mW/g

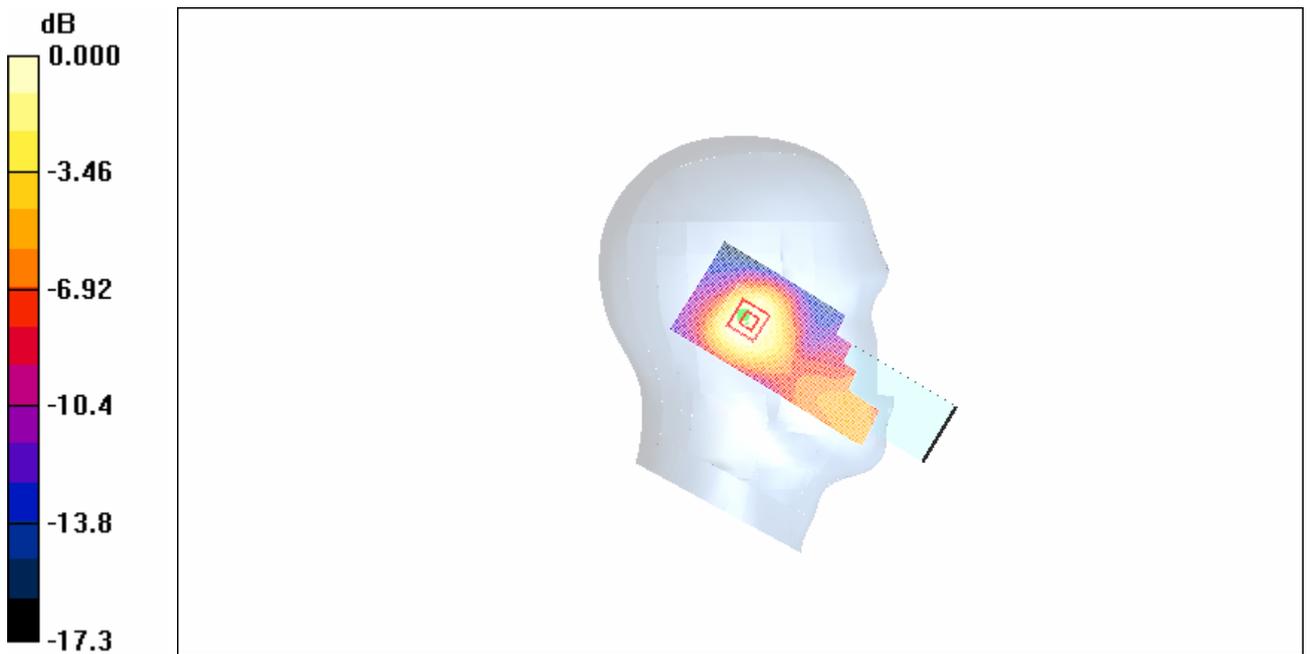
**Tilt Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.54 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.155 W/kg

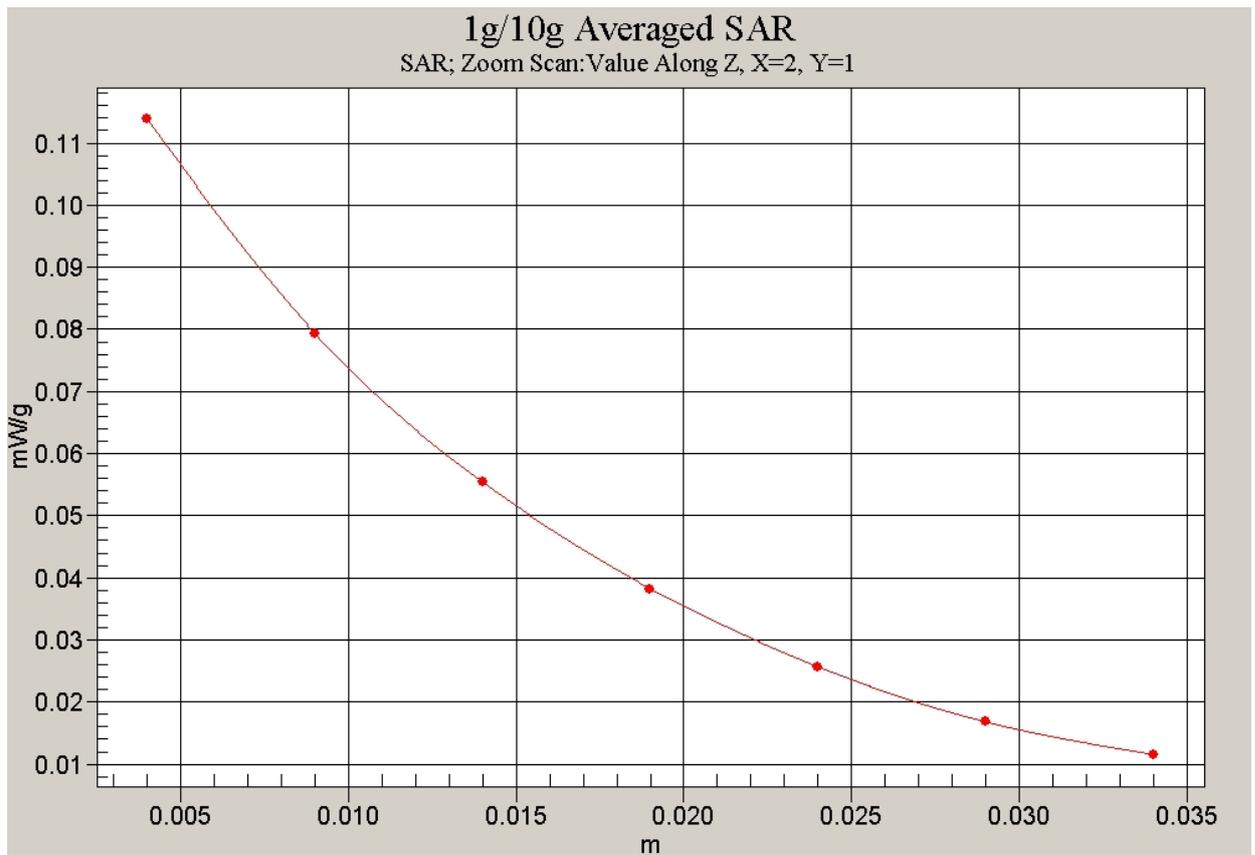
**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.114 mW/g



0 dB = 0.114mW/g

**Fig. 53 Left Hand Tilt 15°WCDMA 1900MHz CH9400**



**Fig. 54 Z-Scan at power reference point (WCDMA 1900MHz CH9400)**

**WCDMA 1900 Left Tilt Low**

Date/Time: 2008-6-11 10:56:46

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.33$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Tilt Low/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

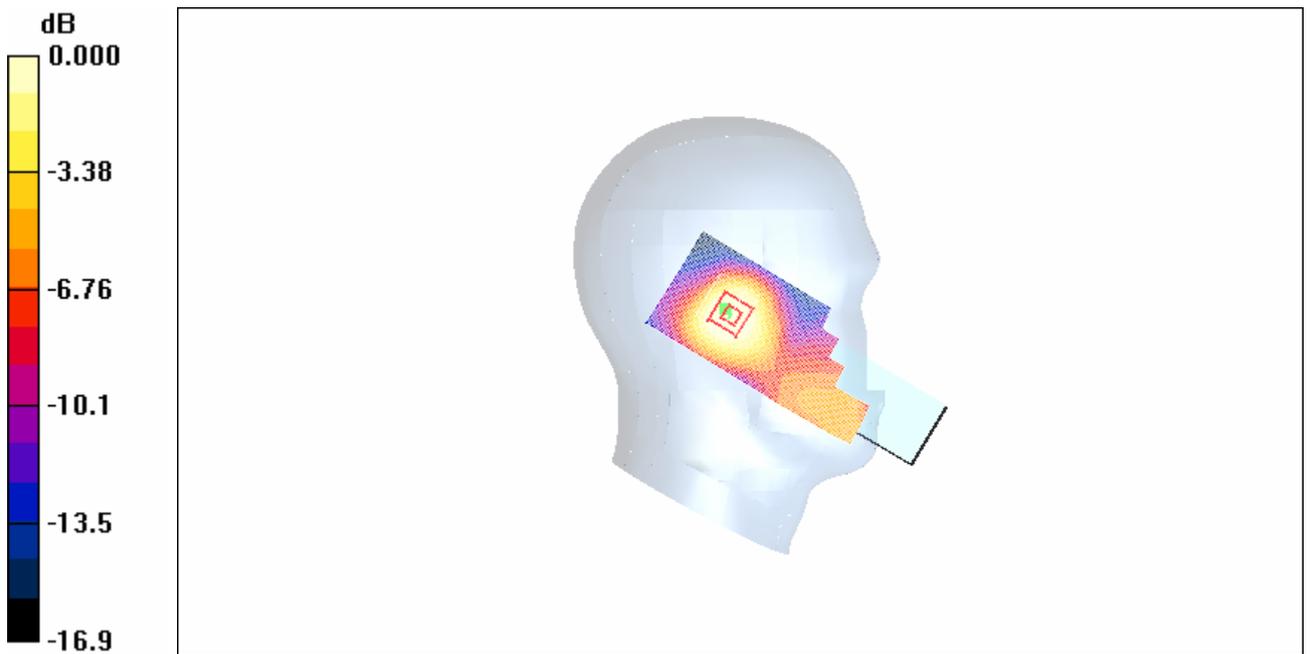
**Tilt Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.63 V/m; Power Drift = -0.167dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

**Fig. 55 Left Hand Tilt 15° WCDMA 1900MHz CH9262**

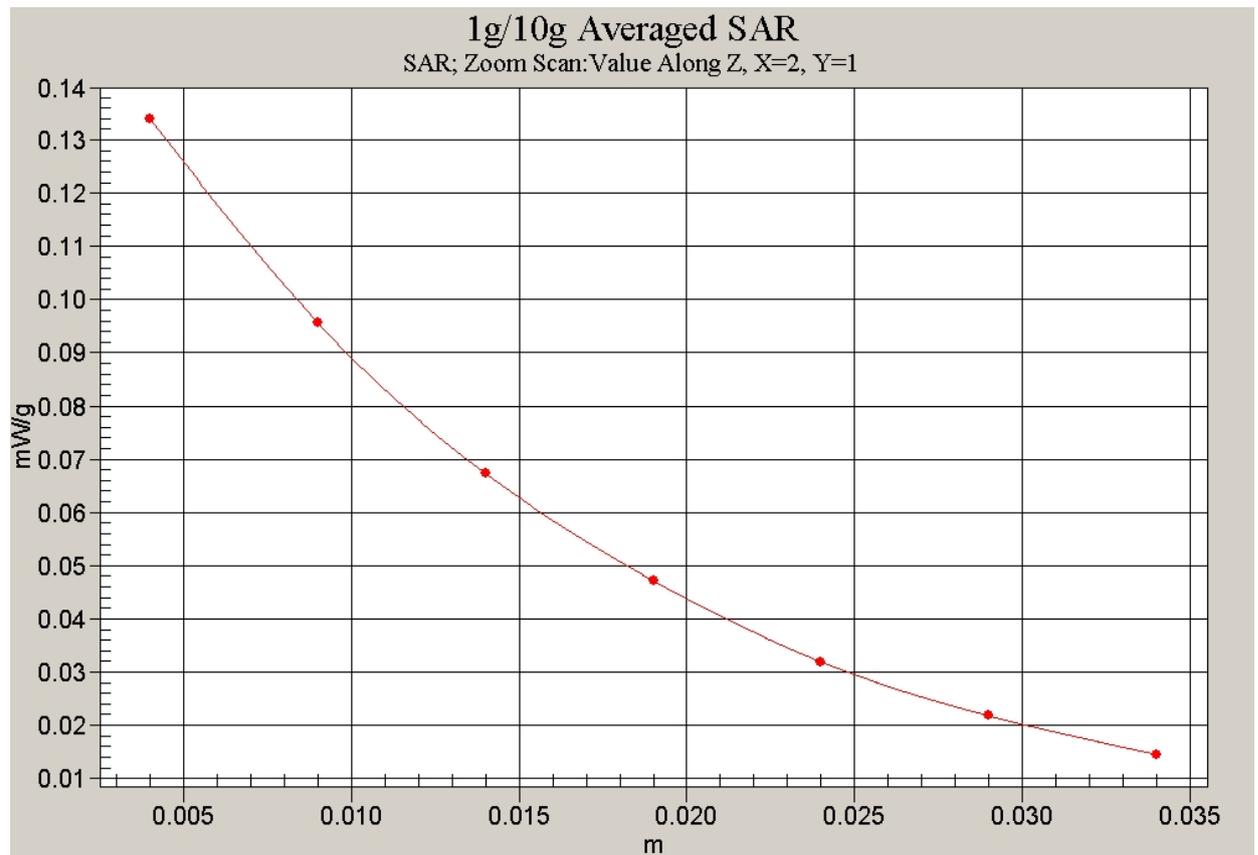


Fig. 56 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

**WCDMA 1900 Right Cheek High**

Date/Time: 2008-6-11 13:26:04

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Cheek High/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.210 mW/g

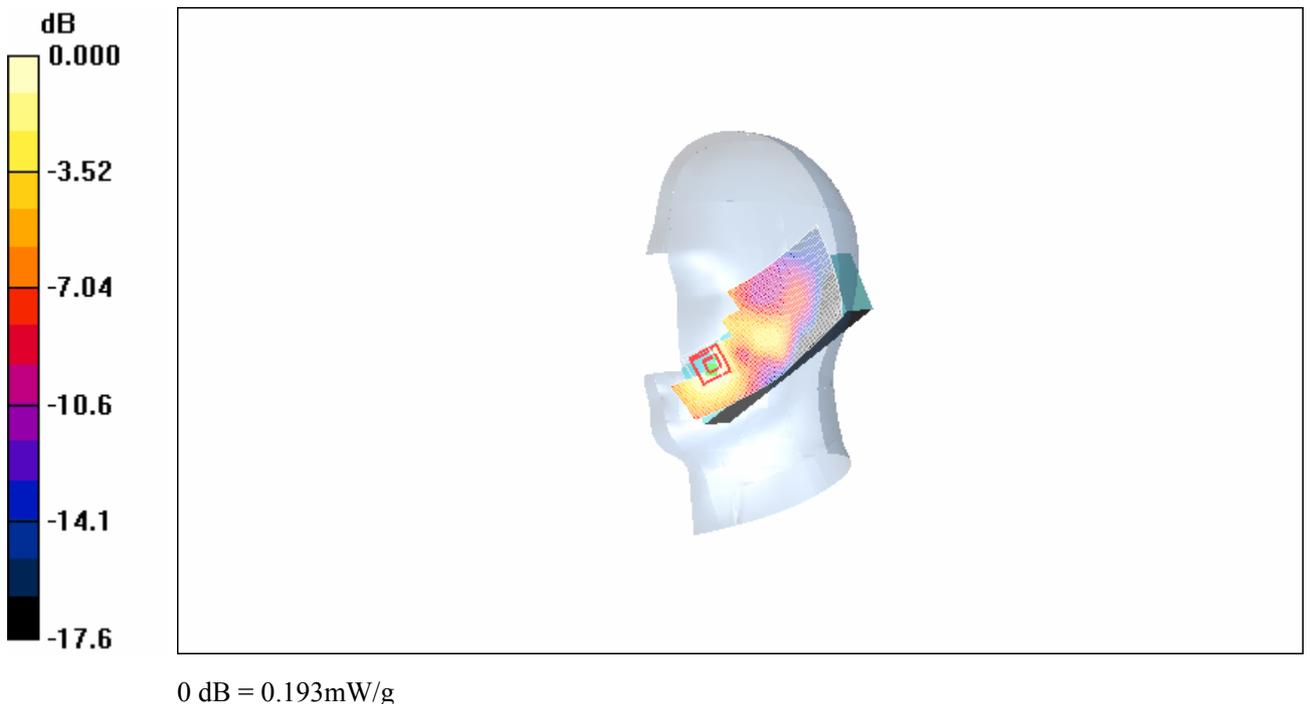
**Cheek High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

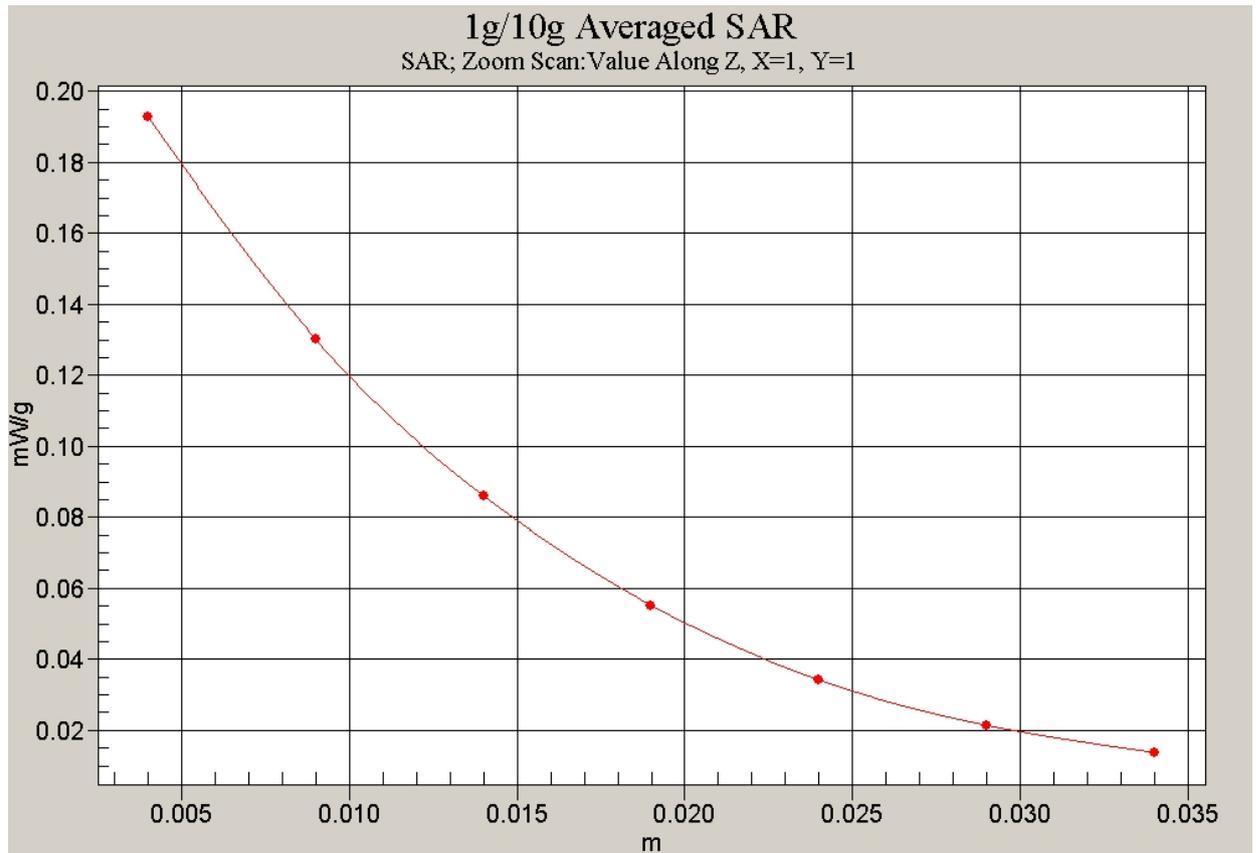
Reference Value = 1.86 V/m; Power Drift = 0.192dB

Peak SAR (extrapolated) = 0.275 W/kg

**SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.193 mW/g

**Fig. 57 Right Hand Touch Cheek WCDMA 1900MHz CH9538**



**Fig. 58 Z-Scan at power reference point (WCDMA 1900MHz CH9538)**

**WCDMA 1900 Right Cheek Middle**

Date/Time: 2008-6-11 13:37:53

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

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

Maximum value of SAR (interpolated) = 0.250 mW/g

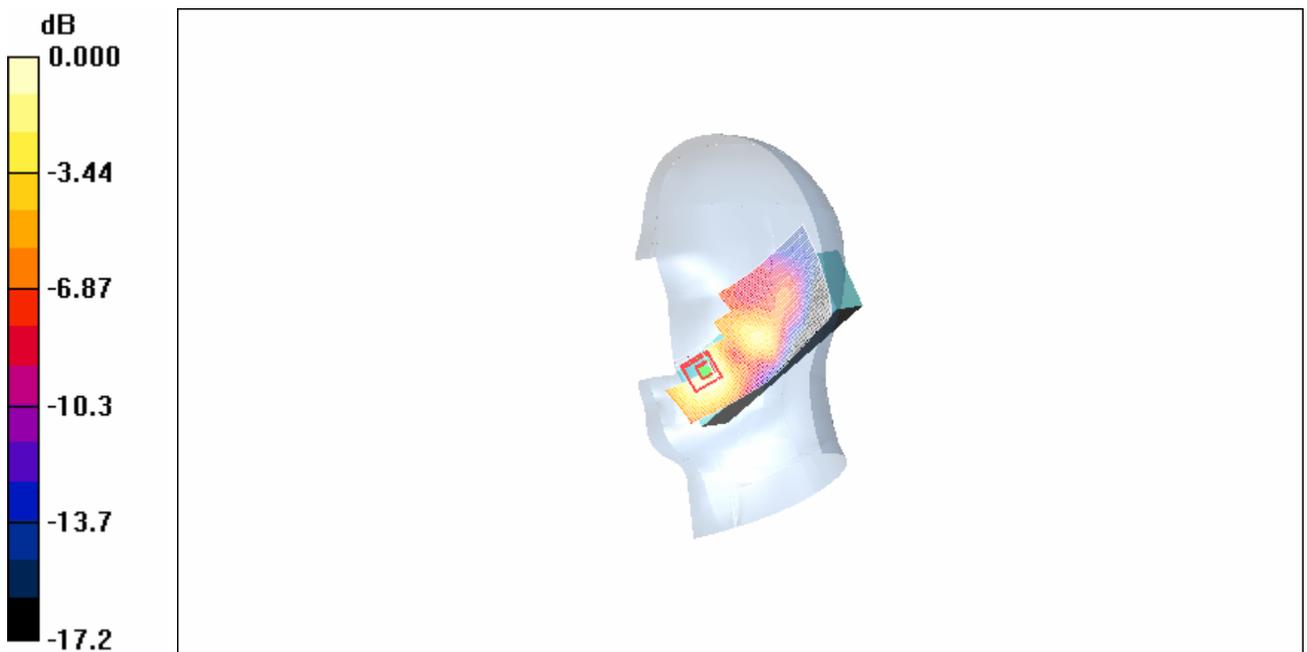
**Cheek Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.09 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.211mW/g

**Fig.59 Right Hand Touch Cheek WCDMA 1900MHz CH9400**

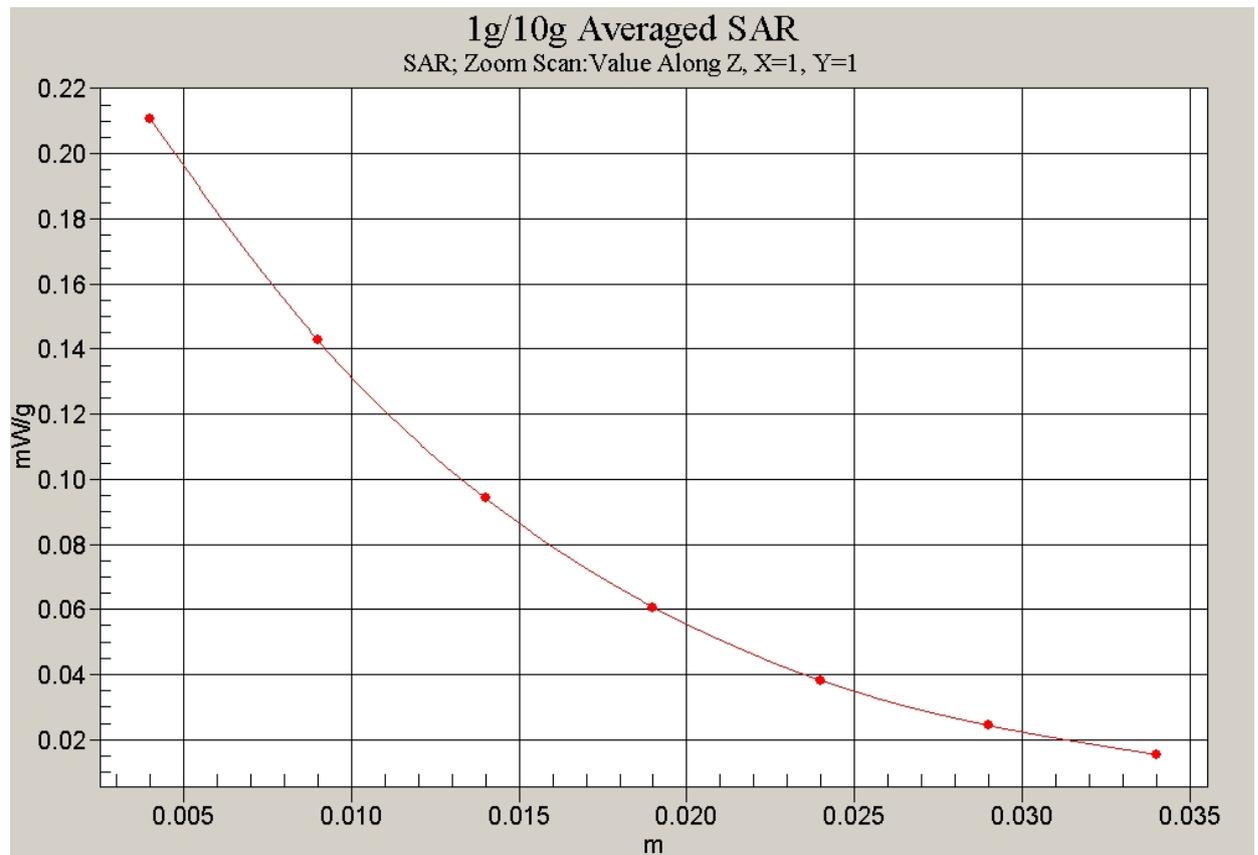


Fig. 60 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

**WCDMA 1900 Right Cheek Low**

Date/Time: 2008-6-11 13:49:38

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.33$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Cheek Low/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.295 mW/g

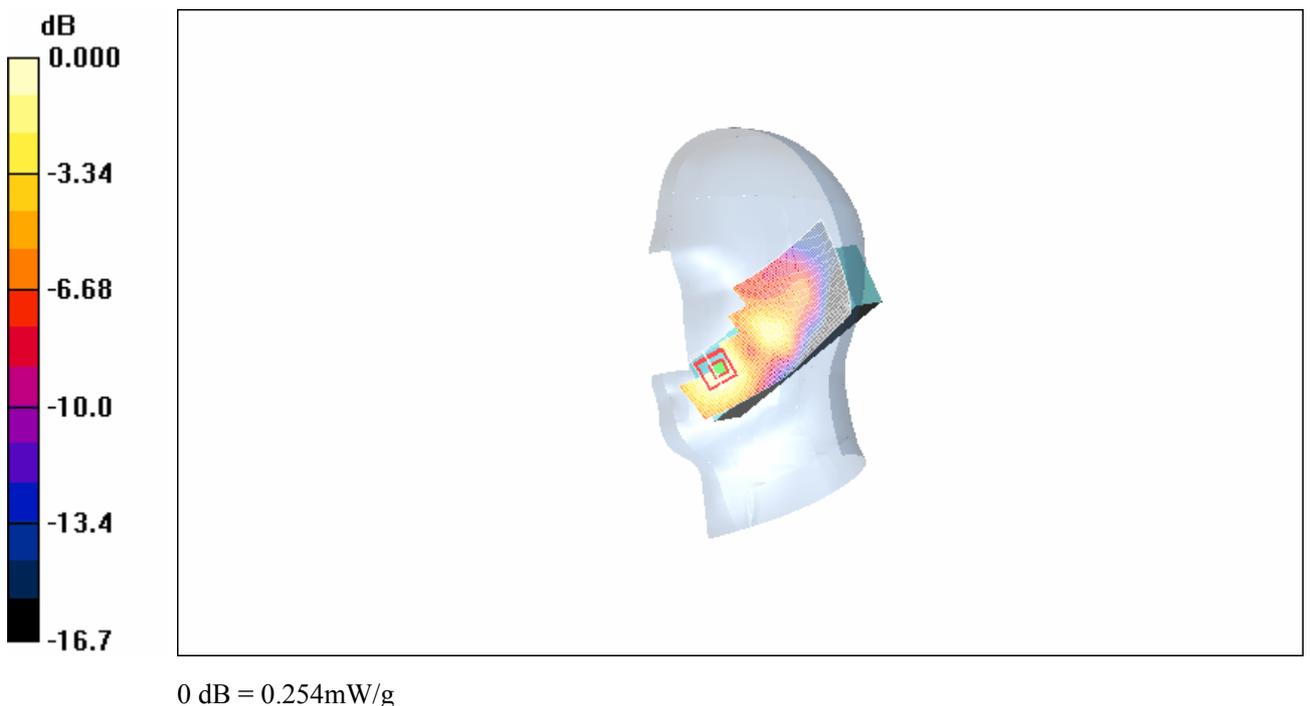
**Cheek Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.31 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.254 mW/g



**Fig. 61 Right Hand Touch Cheek WCDMA 1900MHz CH9262**

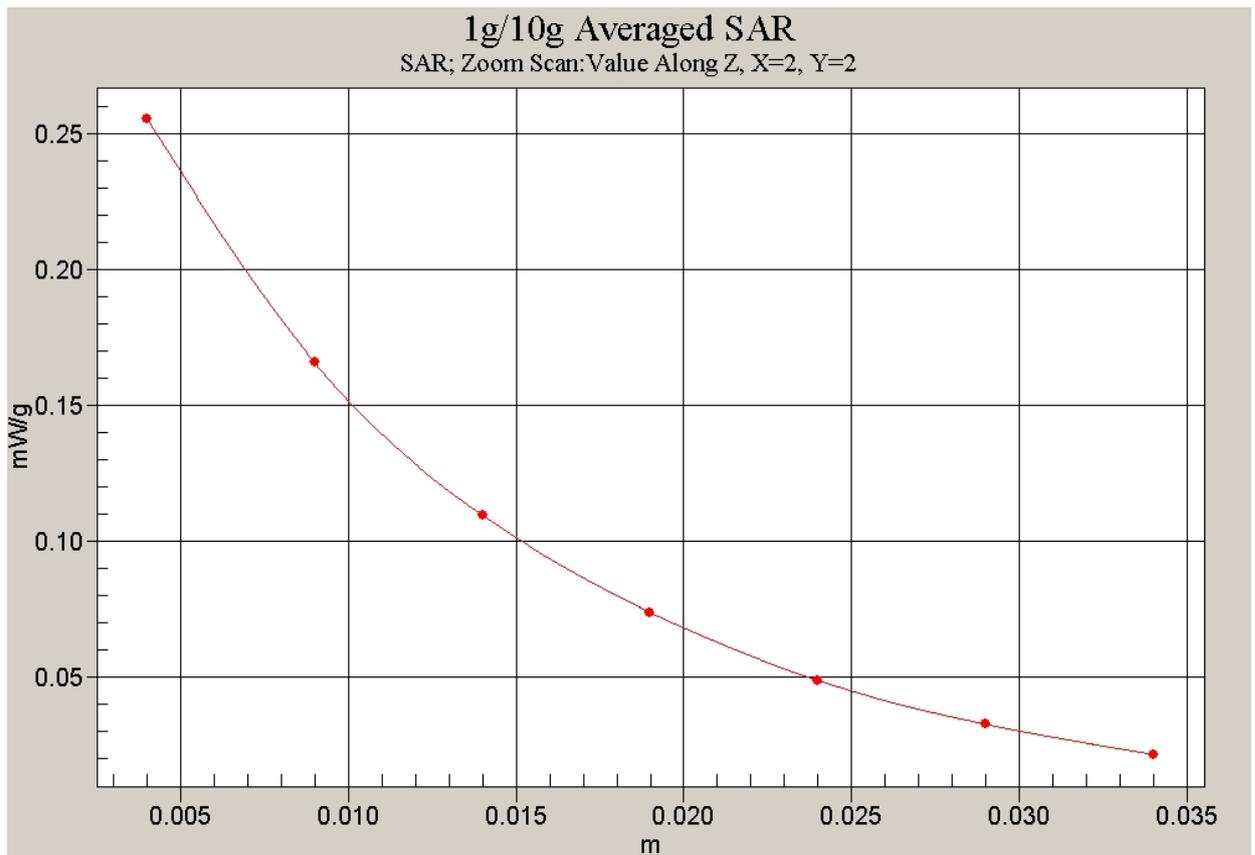


Fig. 62 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

**WCDMA 1900 Right Tilt High**

Date/Time: 2008-6-11 14:26:01

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

**Tilt High/Area Scan (51x141x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.116 mW/g

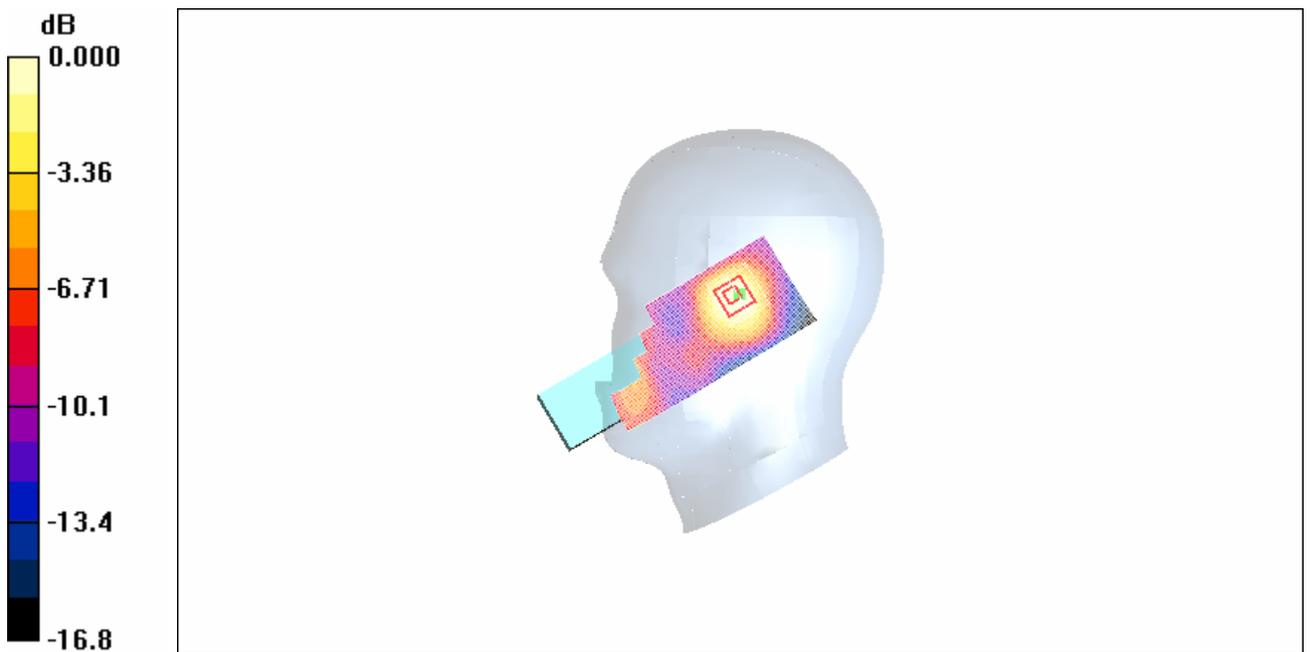
**Tilt High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.96 V/m; Power Drift = -0.200 dB

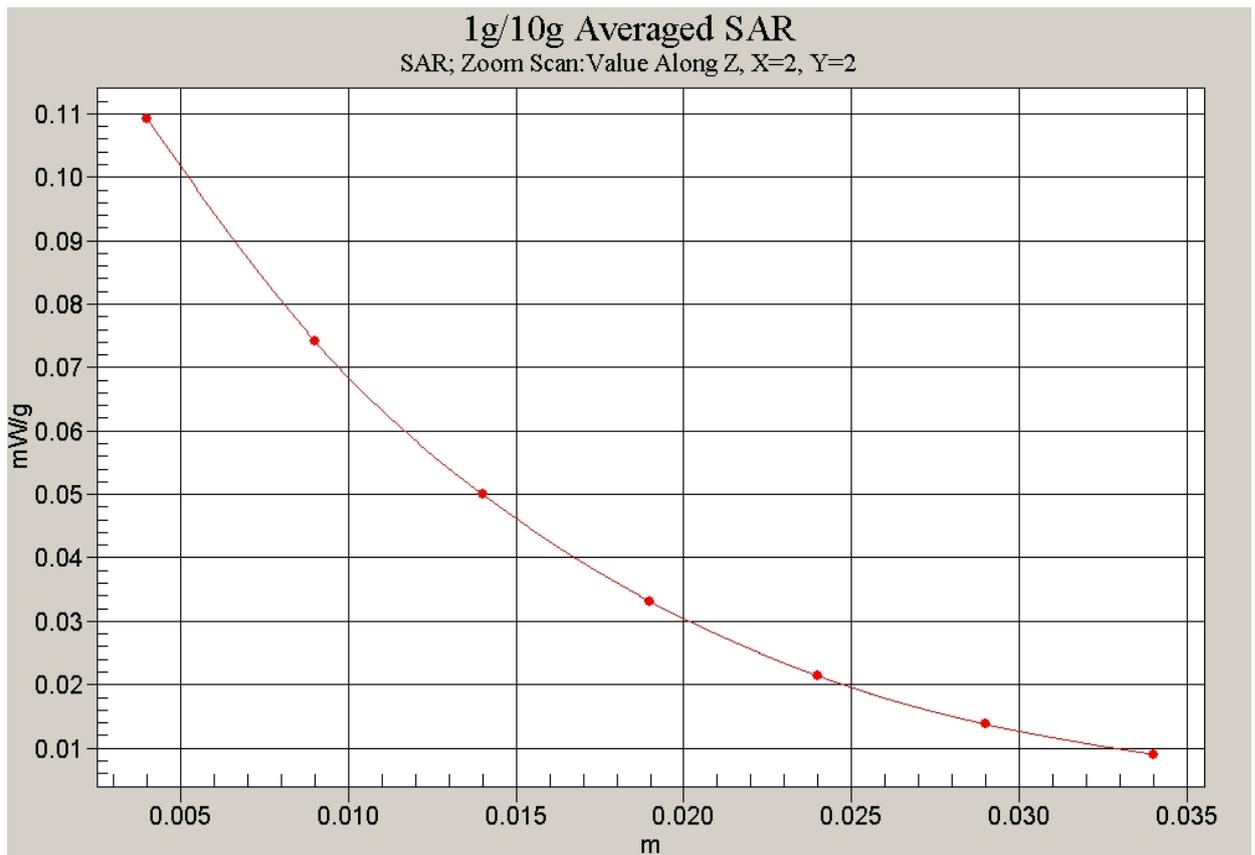
Peak SAR (extrapolated) = 0.162 W/kg

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.109 mW/g



**Fig. 63 Right Hand Tilt 15°WCDMA 1900MHz CH9538**



**Fig. 64 Z-Scan at power reference point (WCDMA 1900MHz CH9538)**