WCDMA 850 Left Tilt Middle-slide up

Date/Time: 2008-3-21 9:12:30

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.909 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

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

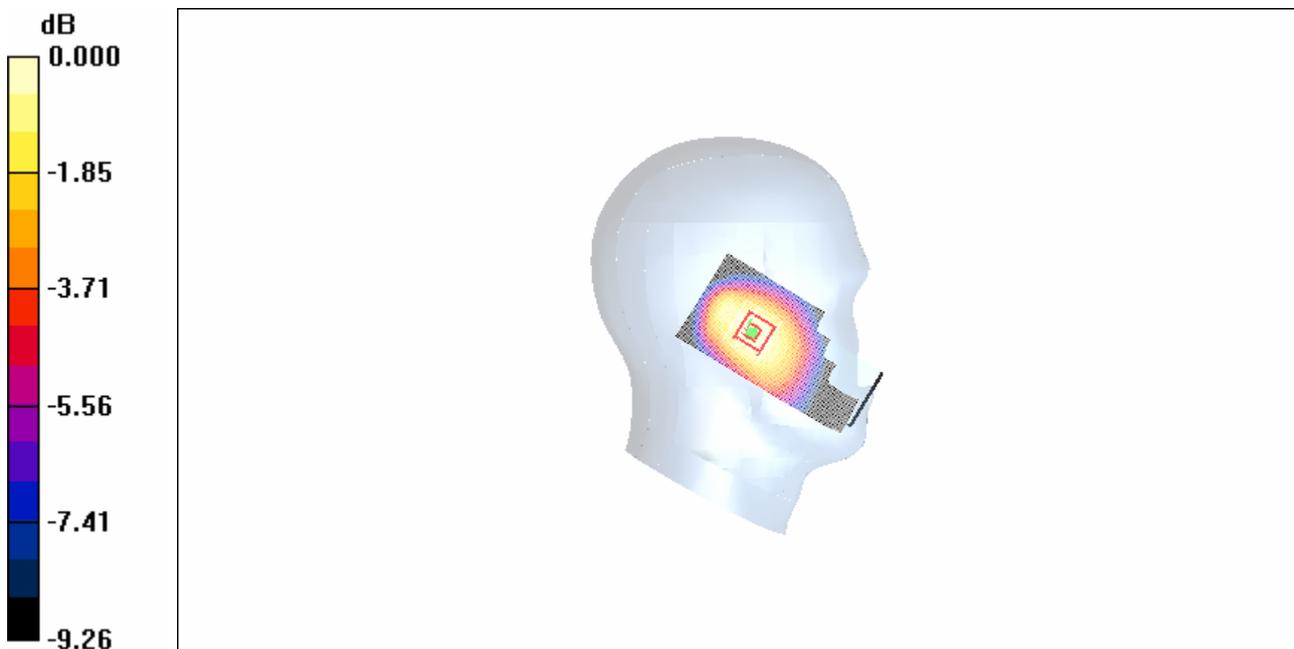Maximum value of SAR (interpolated) = 0.389 mW/g

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

Reference Value = 16.6 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.374 mW/g

0 dB = 0.374mW/g

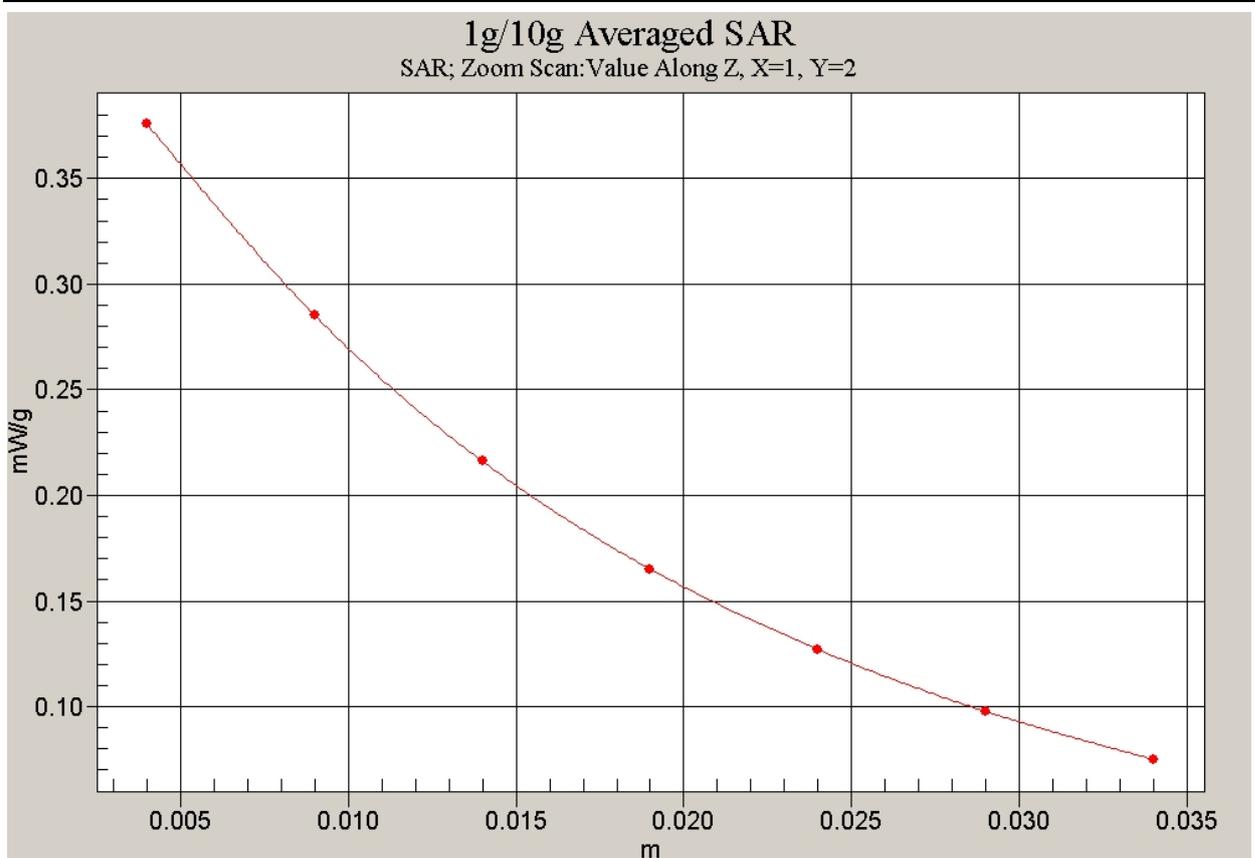**Fig. 33 Left Hand Tilt 15°WCDMA 850MHz CH4182-slide up**

Fig. 34 Z-Scan at power reference point (WCDMA 850MHz CH4182-slide up)

WCDMA 850 Left Tilt Low-slide up

Date/Time: 2008-3-21 9:02:16

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.899 mho/m; ε_r = 44; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

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

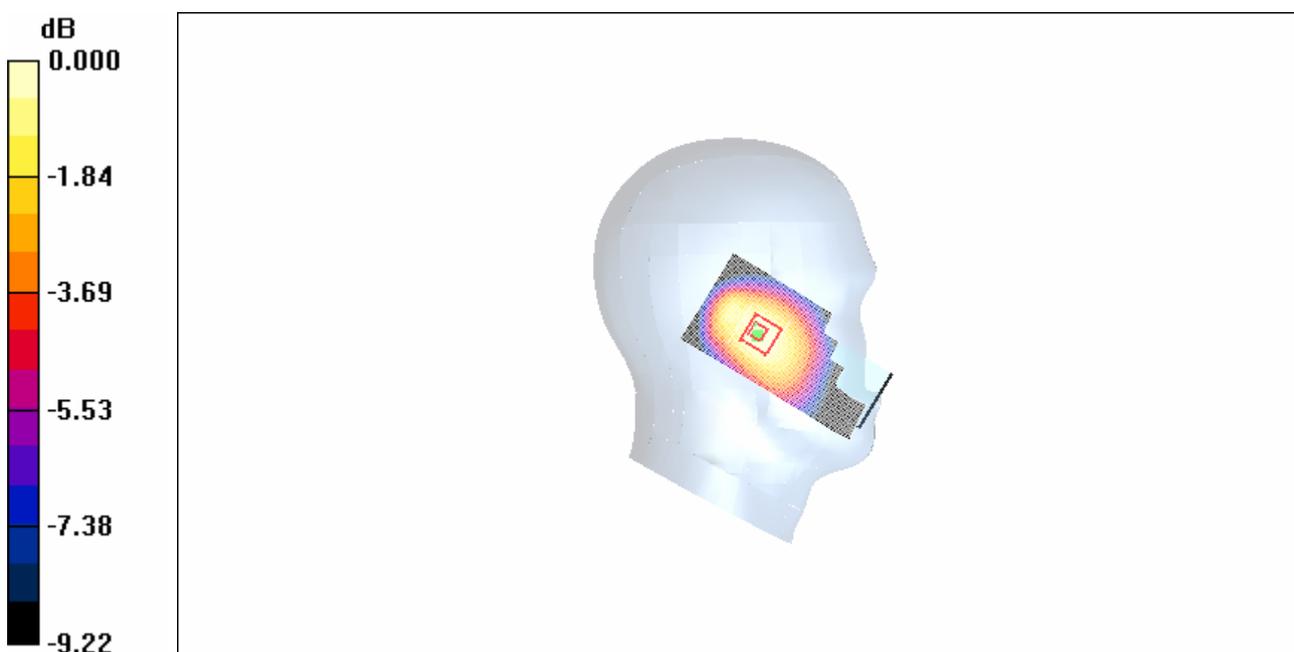Maximum value of SAR (interpolated) = 0.355 mW/g

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

Reference Value = 15.7 V/m; Power Drift = 0.167 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.346 mW/g

0 dB = 0.346mW/g

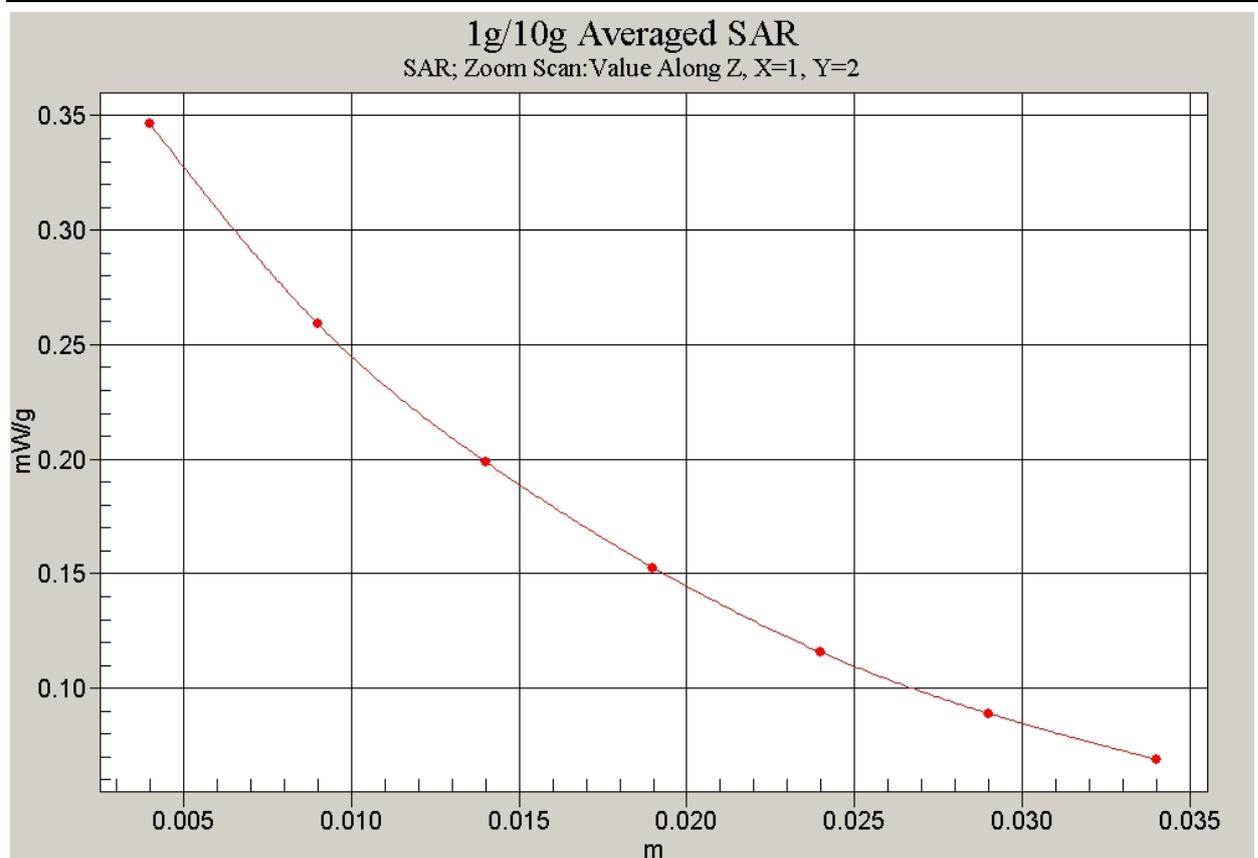**Fig. 35 Left Hand Tilt 15°WCDMA 850MHz CH4132-slide up**

Fig. 36 Z-Scan at power reference point (WCDMA 850MHz CH4132-slide up)

WCDMA 850 Right Cheek High-slide up

Date/Time: 2008-3-21 10:27:53

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.918 mho/m; ε_r = 43.7; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

Cheek High/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
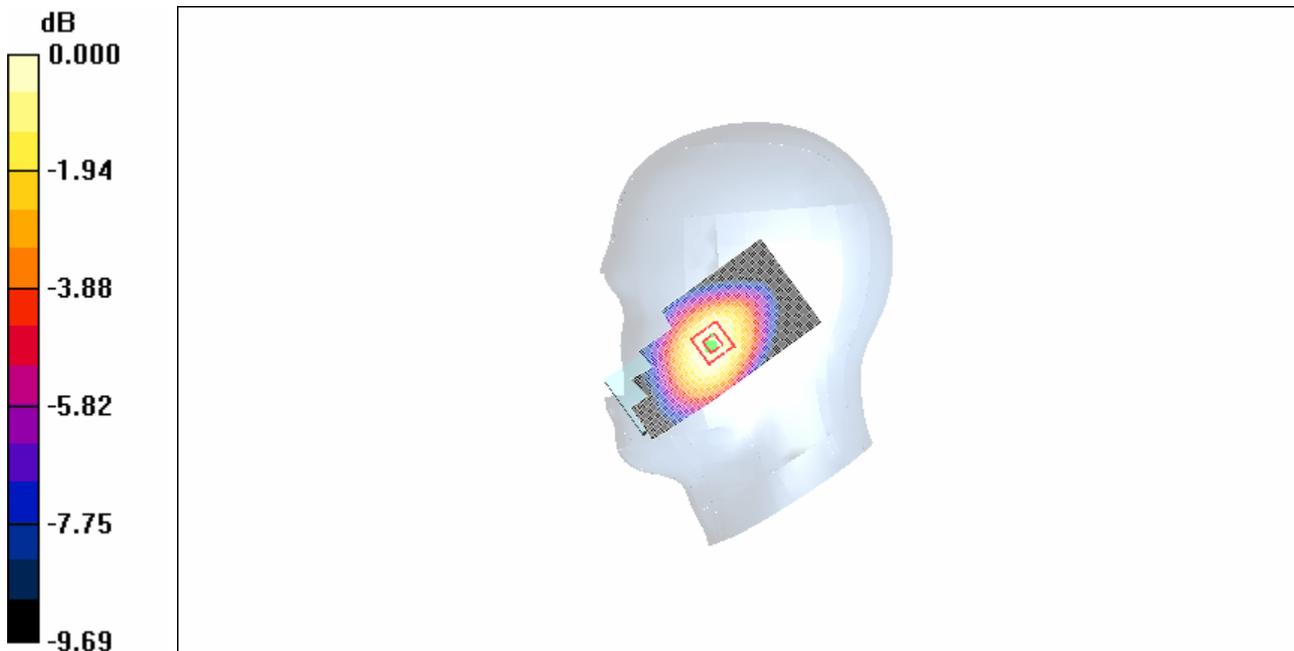
Maximum value of SAR (interpolated) = 0.659 mW/g

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

Reference Value = 10.9 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.657 mW/g

0 dB = 0.657mW/g

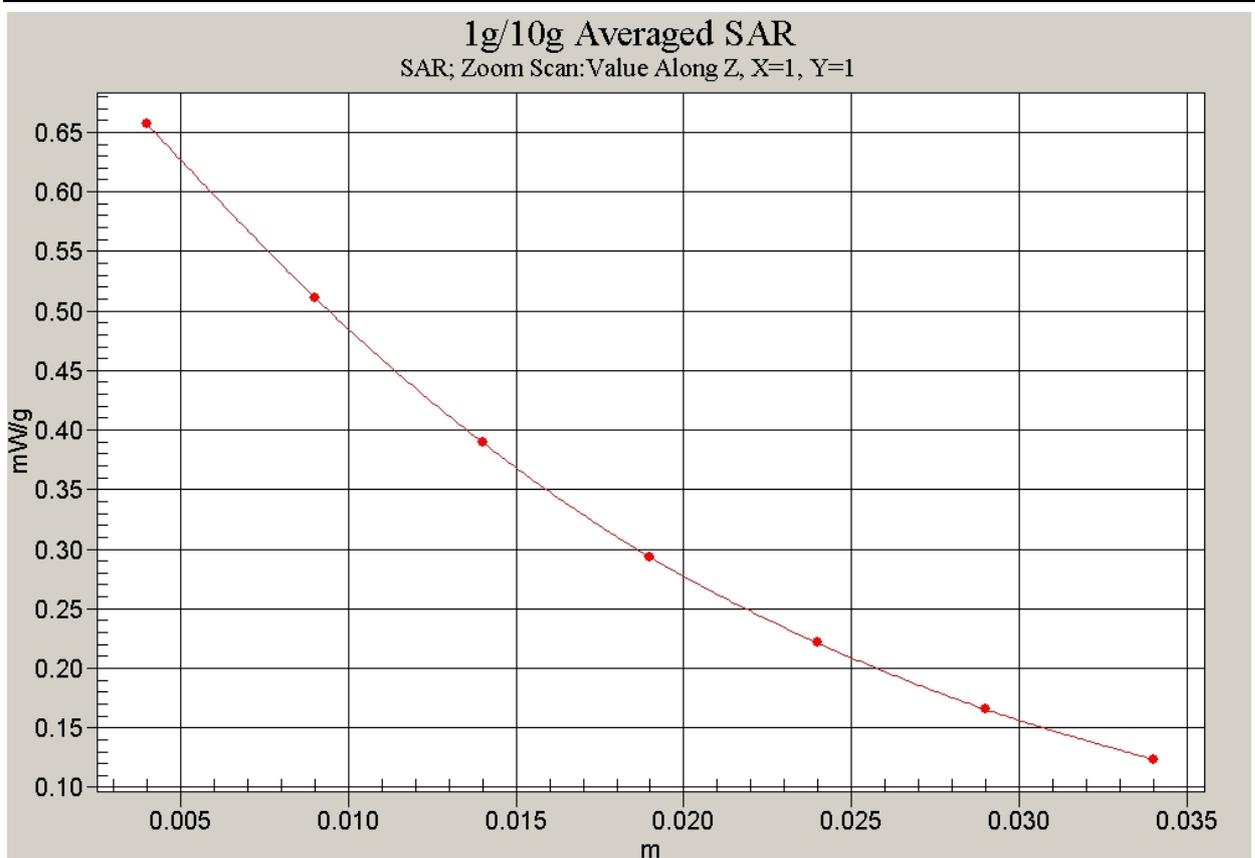**Fig. 37 Right Hand Touch Cheek WCDMA 850MHz CH4233-slide up**

Fig. 38 Z-Scan at power reference point (WCDMA 850MHz CH4233-slide up)

WCDMA 850 Right Cheek Middle-slide down

Date/Time: 2008-3-21 10:17:42

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.909 mho/m; ε_r = 43.9; ρ = 1000 kg/m³

Ambient Temperature:23.3°C   Liqiud Temperature: 22.5°C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

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

Maximum value of SAR (interpolated) = 0.547 mW/g

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

Reference Value = 9.80 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.359 mW/g

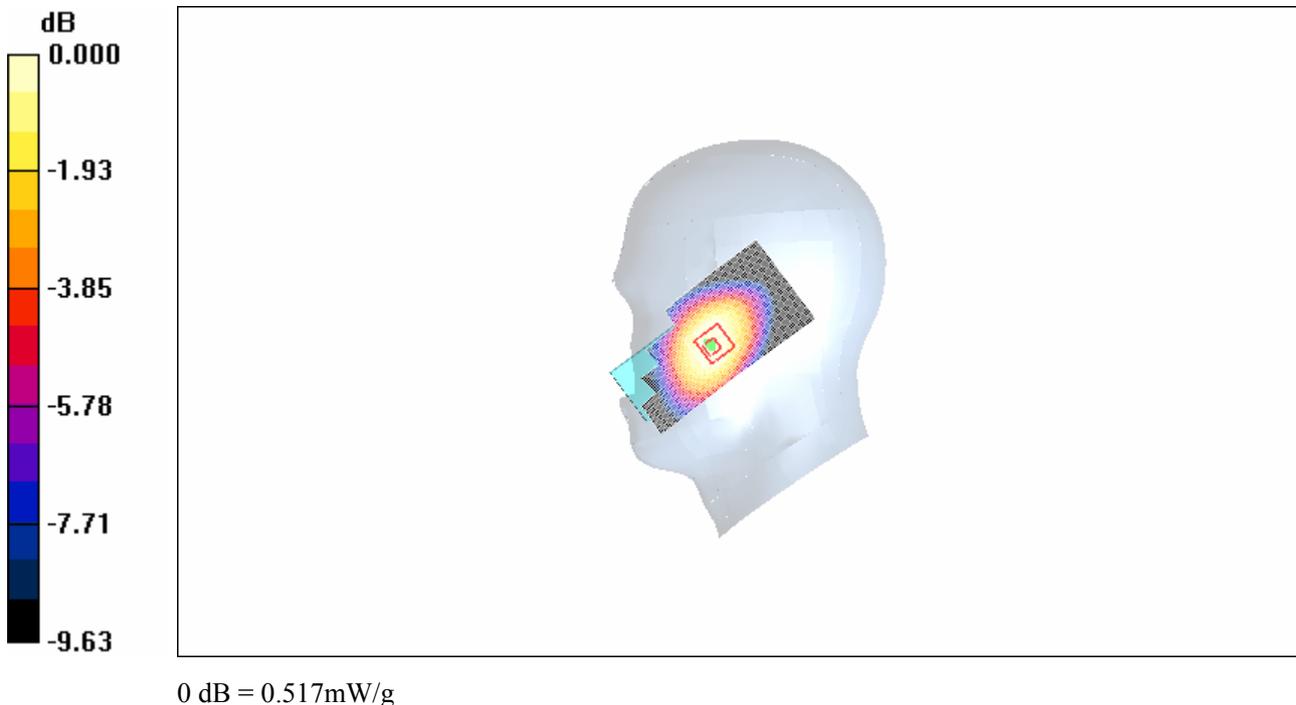Maximum value of SAR (measured) = 0.517 mW/g

0 dB = 0.517mW/g

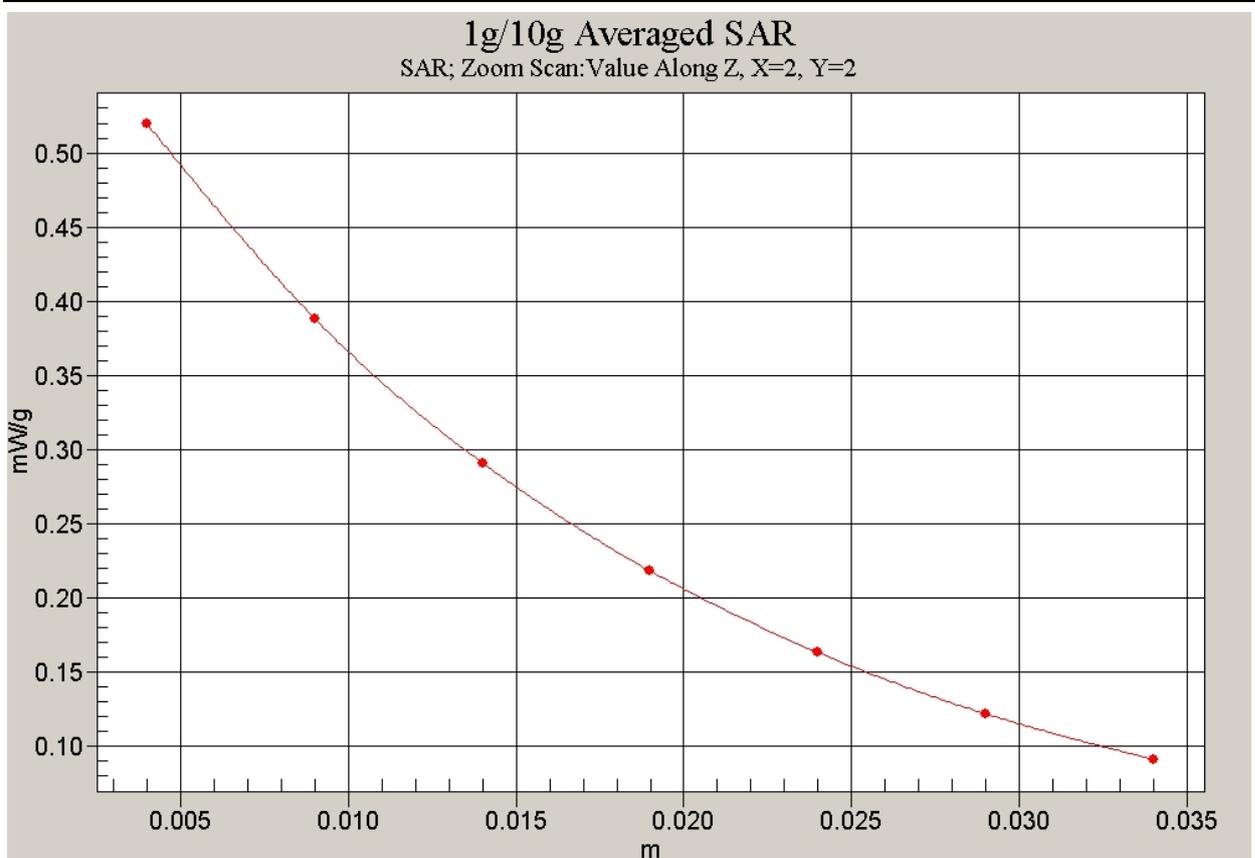**Fig.39 Right Hand Touch Cheek WCDMA 850MHz CH4182 -slide up**

Fig. 40 Z-Scan at power reference point (WCDMA 850MHz CH4182-slide up)

WCDMA 850 Right Cheek Low-slide up

Date/Time: 2008-3-21 10:06:55

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.899 mho/m; ε_r = 44; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

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

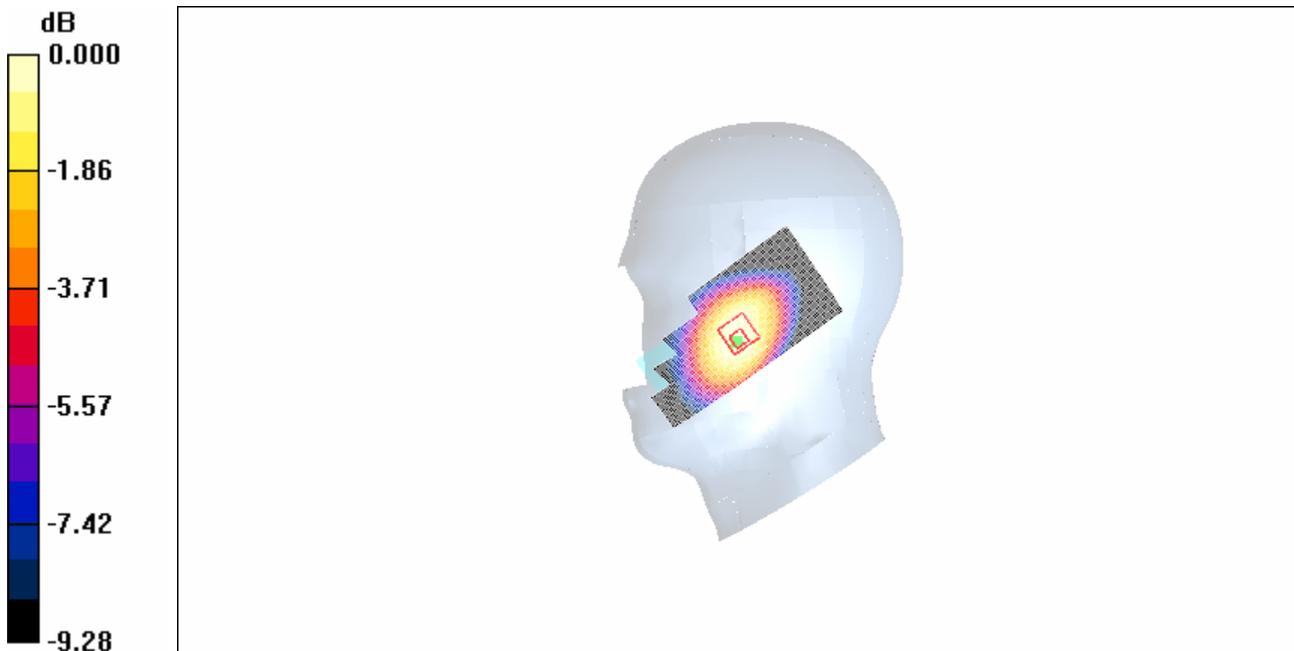Maximum value of SAR (interpolated) = 0.485 mW/g

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

Reference Value = 9.29 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.479 mW/g

0 dB = 0.479mW/g

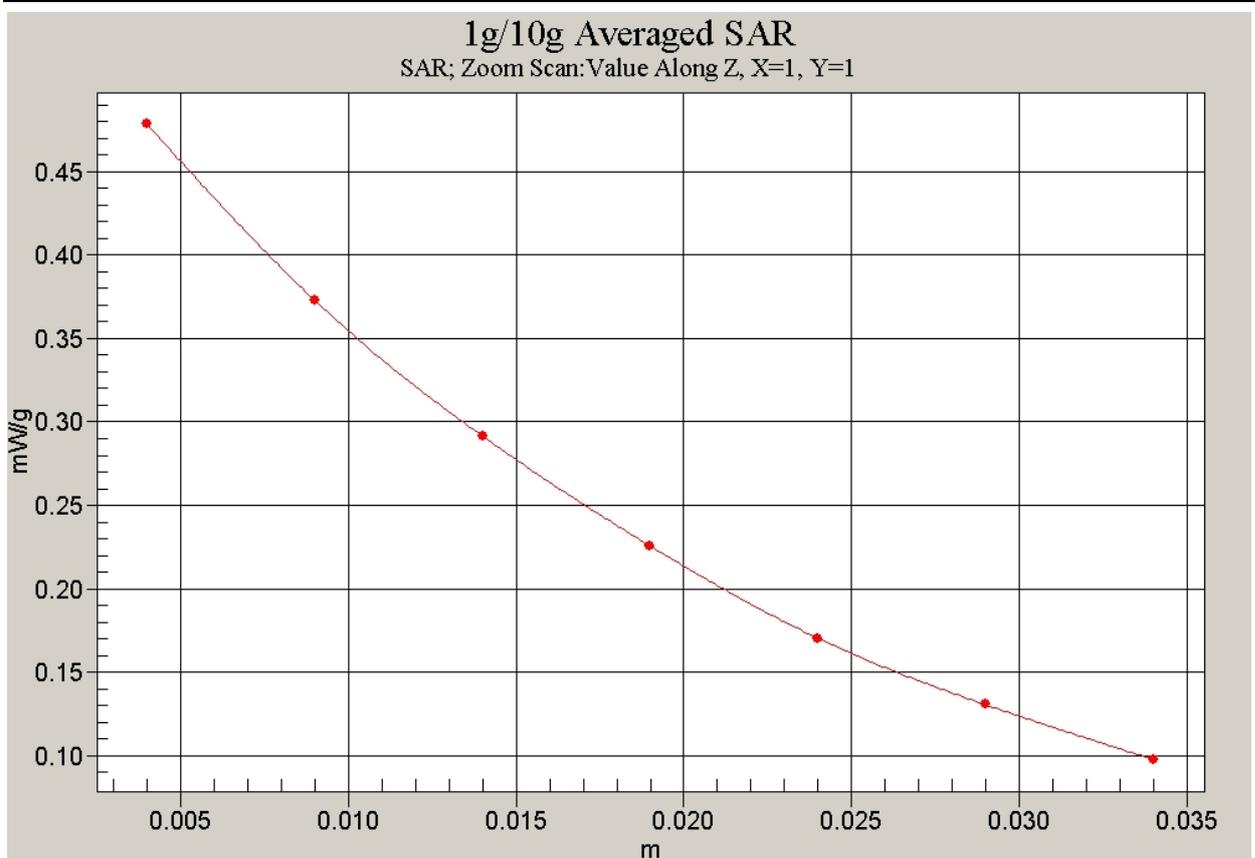**Fig. 41 Right Hand Touch Cheek WCDMA 850MHz CH4132-slide up**

Fig. 42 Z-Scan at power reference point (WCDMA 850MHz CH4132-slide up)

WCDMA 850 Right Tilt High-slide up

Date/Time: 2008-3-21 10:39:59

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.918 mho/m; ε_r = 43.7; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

Tilt High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

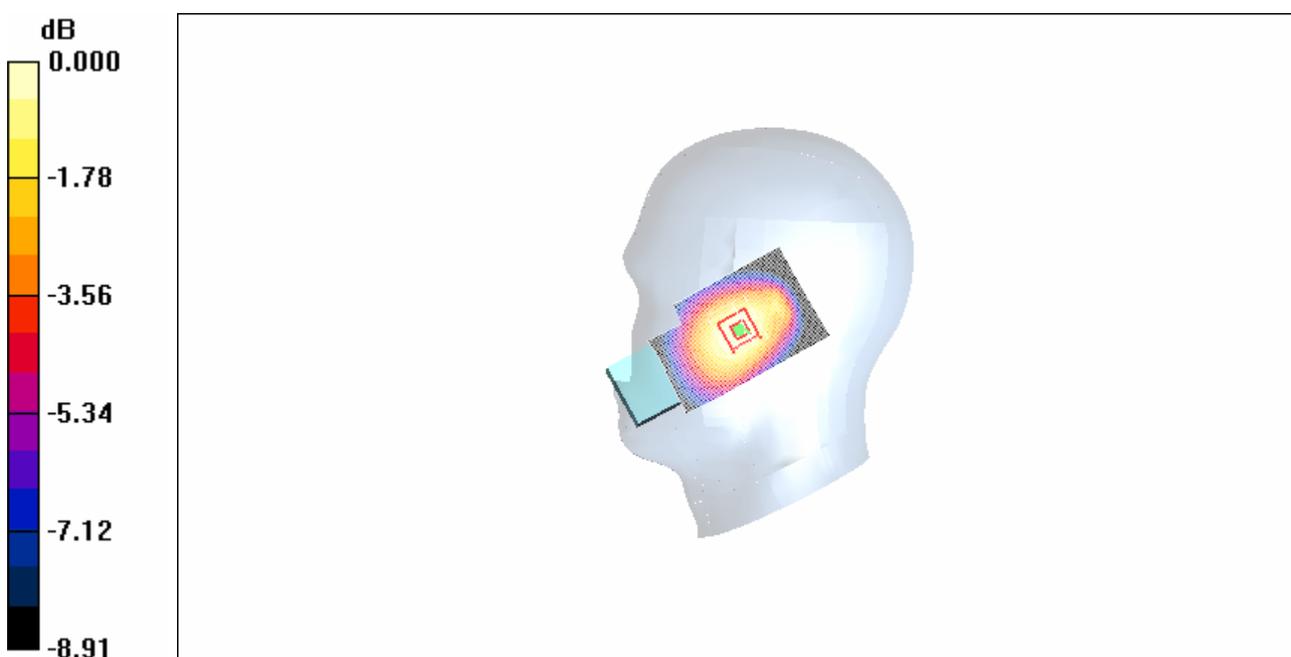Maximum value of SAR (interpolated) = 0.445 mW/g

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

Reference Value = 16.3 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.438 mW/g

0 dB = 0.438mW/g

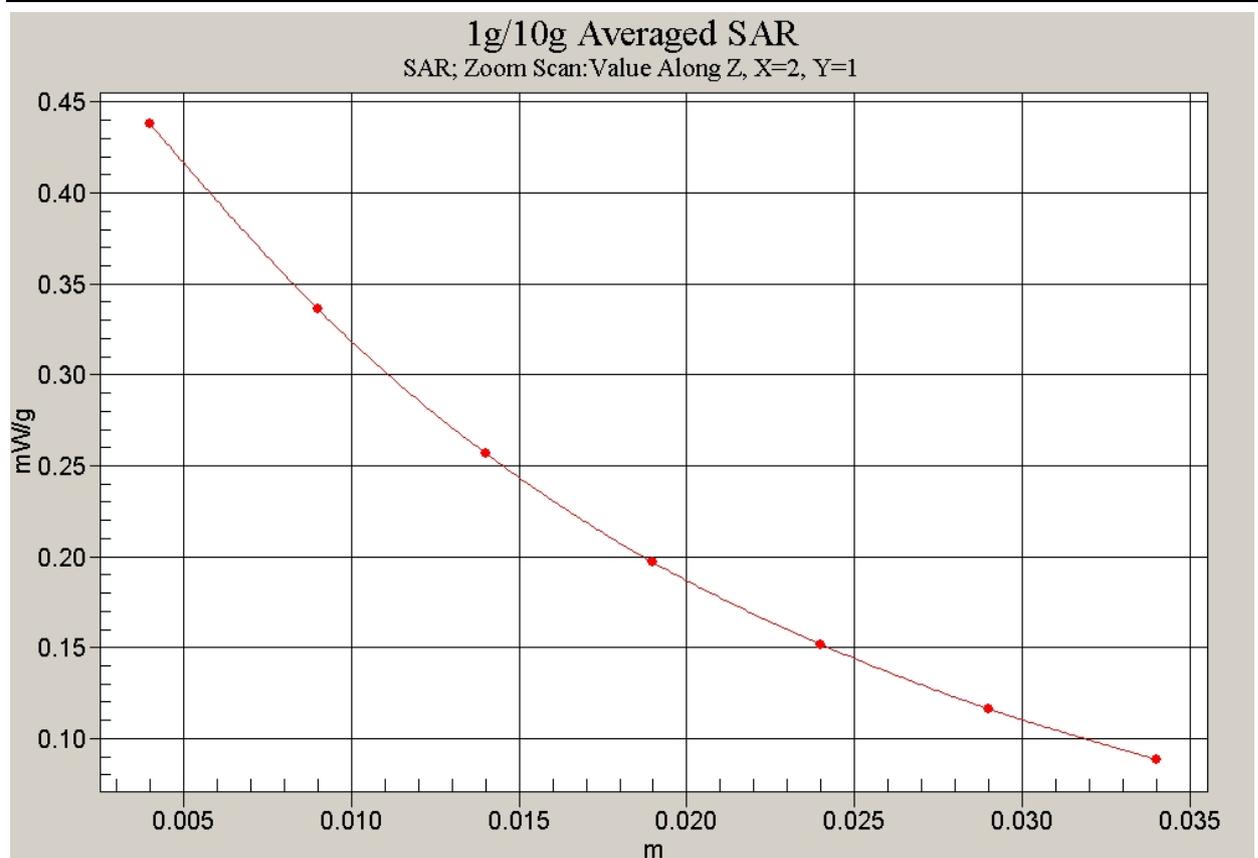**Fig. 43 Right Hand Tilt 15°WCDMA 850MHz CH4233-slide up**

Fig. 44 Z-Scan at power reference point (WCDMA 850MHz CH4233-slide up)

WCDMA 850 Right Tilt Middle-slide up
Date/Time: 2008-3-21 10:50:37
Electronics: DAE4 Sn777
Medium: 850 Head
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.909 mho/m; ε_r = 43.9; ρ = 1000 kg/m³
Ambient Temperature:23.3°C   Liqiud Temperature: 22.5°C
Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Middle/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
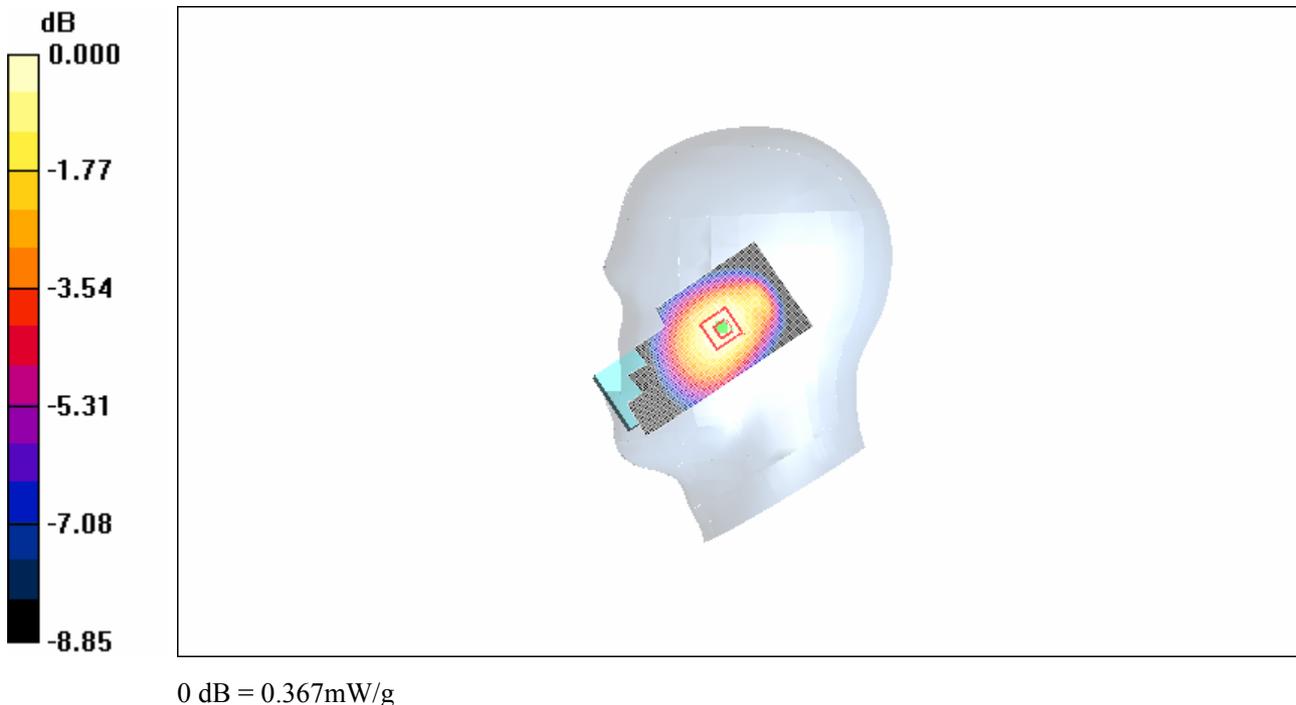Maximum value of SAR (interpolated) = 0.374 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.454 W/kg
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.367 mW/g

0 dB = 0.367mW/g

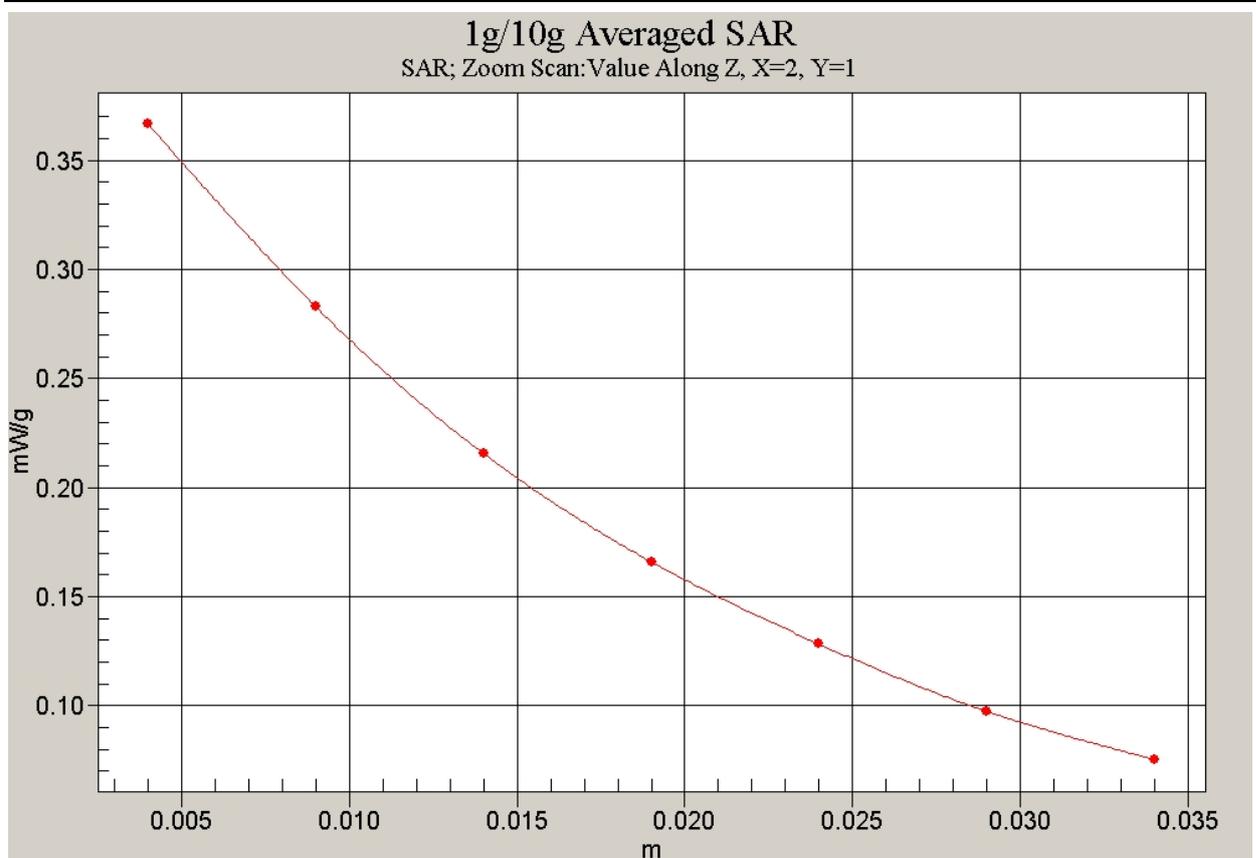**Fig. 45 Right Hand Tilt 15°WCDMA 850MHz CH4182-slide up**

Fig. 46 Z-Scan at power reference point (WCDMA 850MHz CH4182-slide up)

WCDMA 850 Right Tilt Low-slide up

Date/Time: 2008-3-21 11:00:58

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.899 mho/m; $ε_r$ = 44; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

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

Probe: ES3DV3 – SN3142 ConvF(5.97, 5.97, 5.97)

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

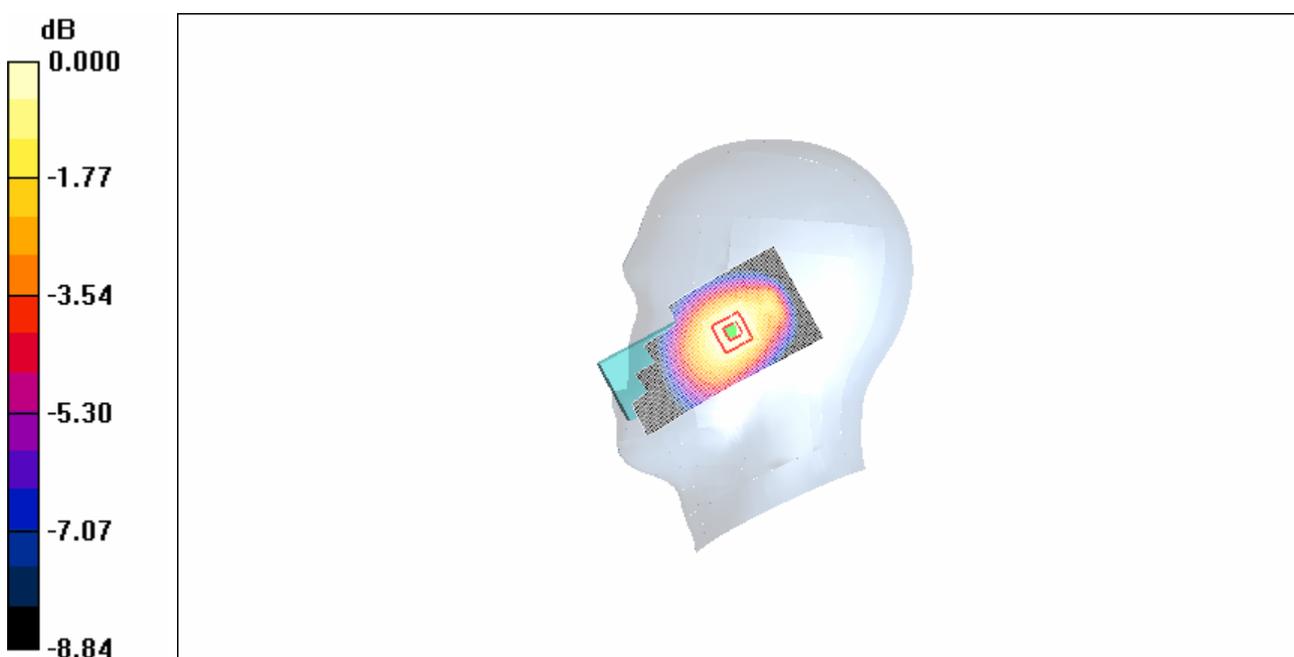Maximum value of SAR (interpolated) = 0.349 mW/g

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

Reference Value = 14.6 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.343 mW/g

0 dB = 0.343mW/g

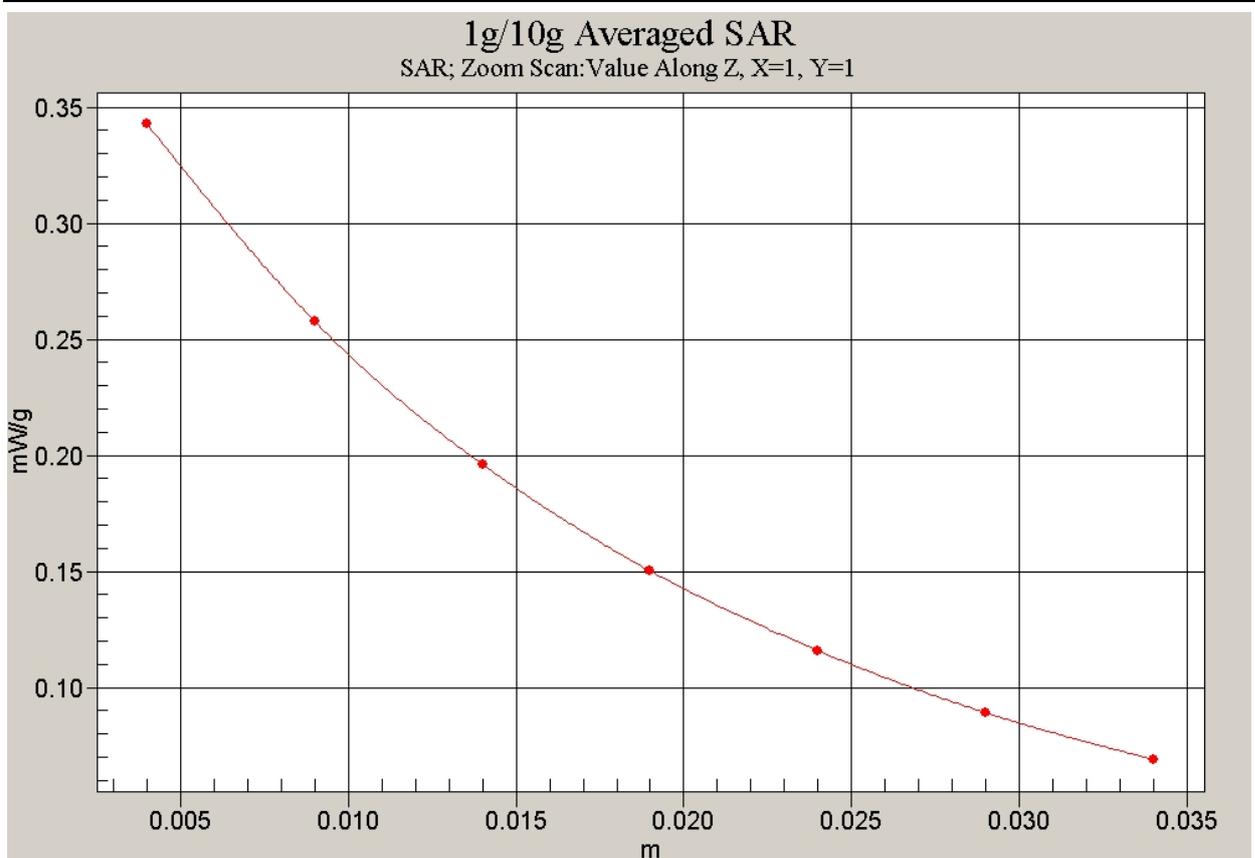**Fig. 47 Right Hand Tilt 15°WCDMA 850MHz CH4132-slide up**

Fig. 48 Z-Scan at power reference point (WCDMA 850MHz CH4132-slide up)

WCDMA 850 Body Toward Ground High-slide down

Date/Time: 2008-3-21 12:05:05

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.98 mho/m; ε_r = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.578 mW/g

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

Reference Value = 19.5 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.361 mW/g

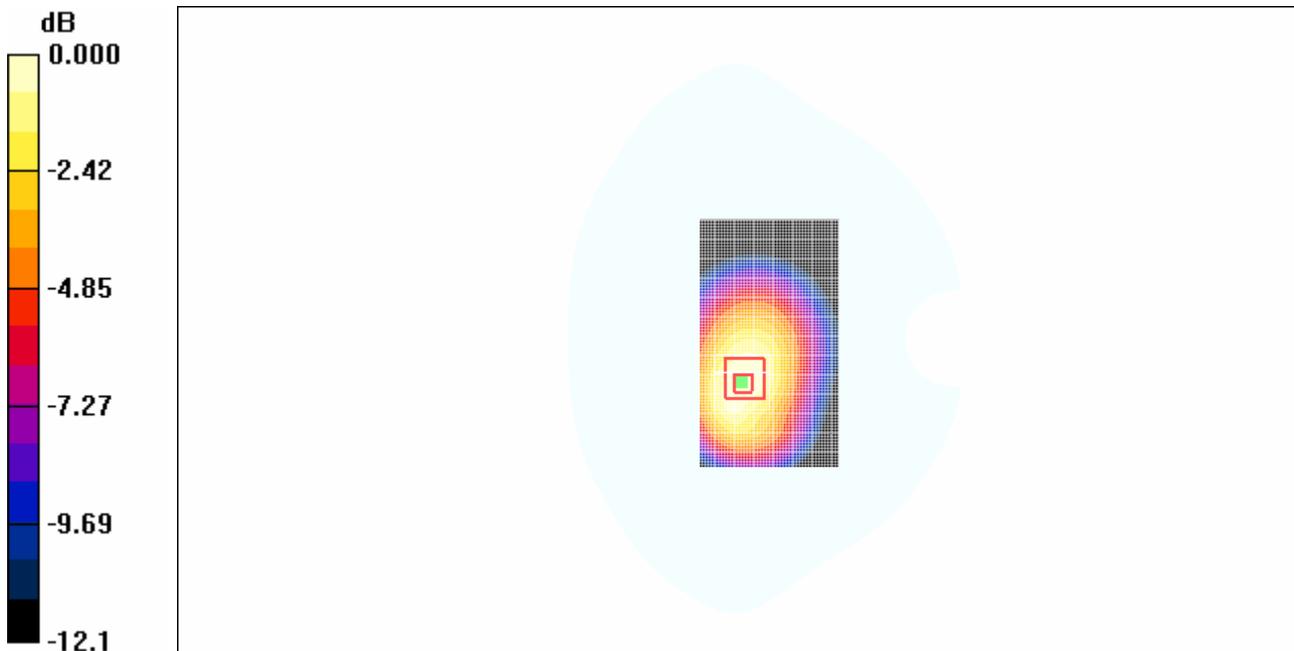Maximum value of SAR (measured) = 0.563 mW/g

0 dB = 0.563mW/g

Fig. 49 WCDMA850 MHz, Body, Towards Ground, CH4233-slide down
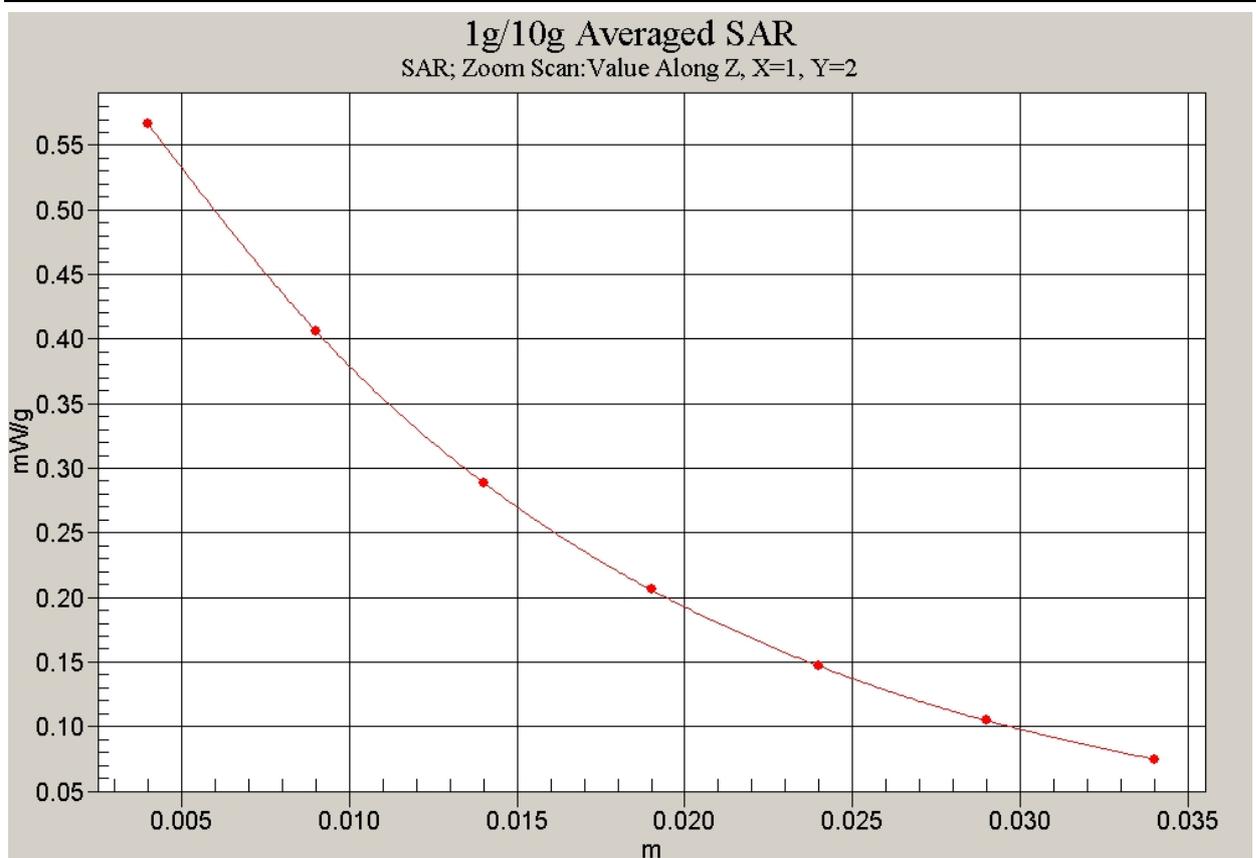
Fig. 50 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233-slide down)

WCDMA 850 Body Toward Ground Middle-slide down

Date/Time: 2008-3-21 11:54:58

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.971 mho/m; $ε_r$ = 55; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C　　　　Liqiud Temperature: 22.5^{o}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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

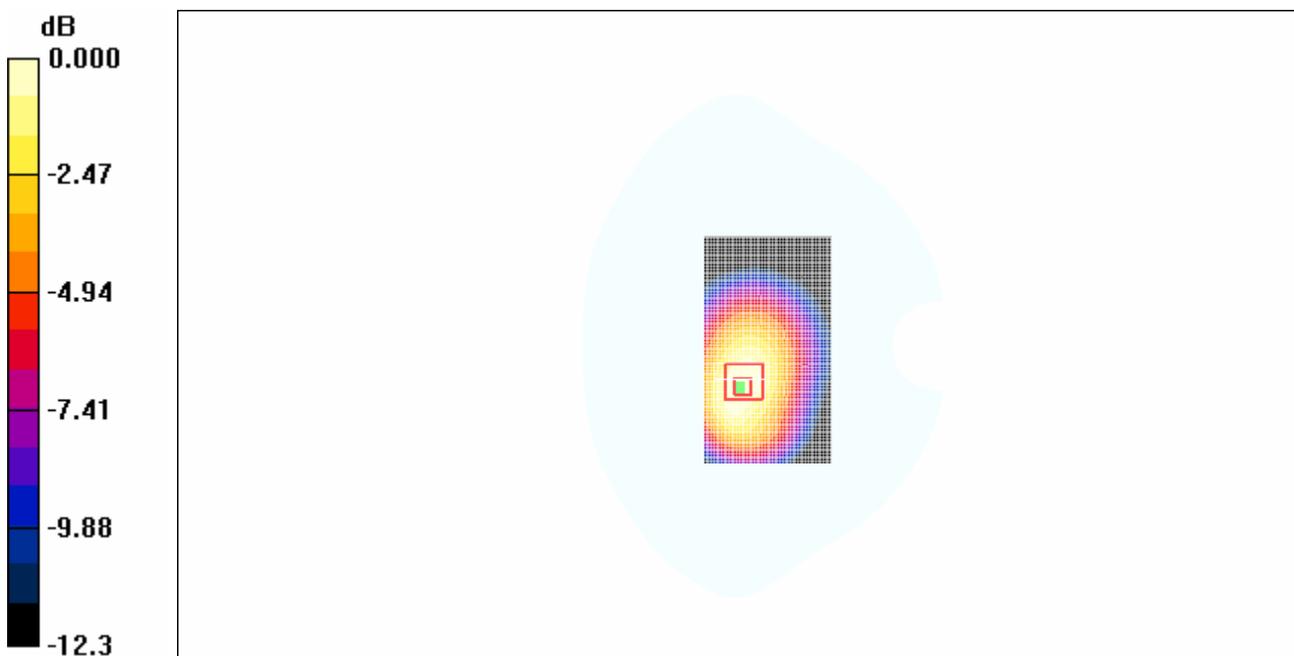Maximum value of SAR (interpolated) = 0.479 mW/g

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

Reference Value = 17.5 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.457 mW/g

0 dB = 0.457mW/g

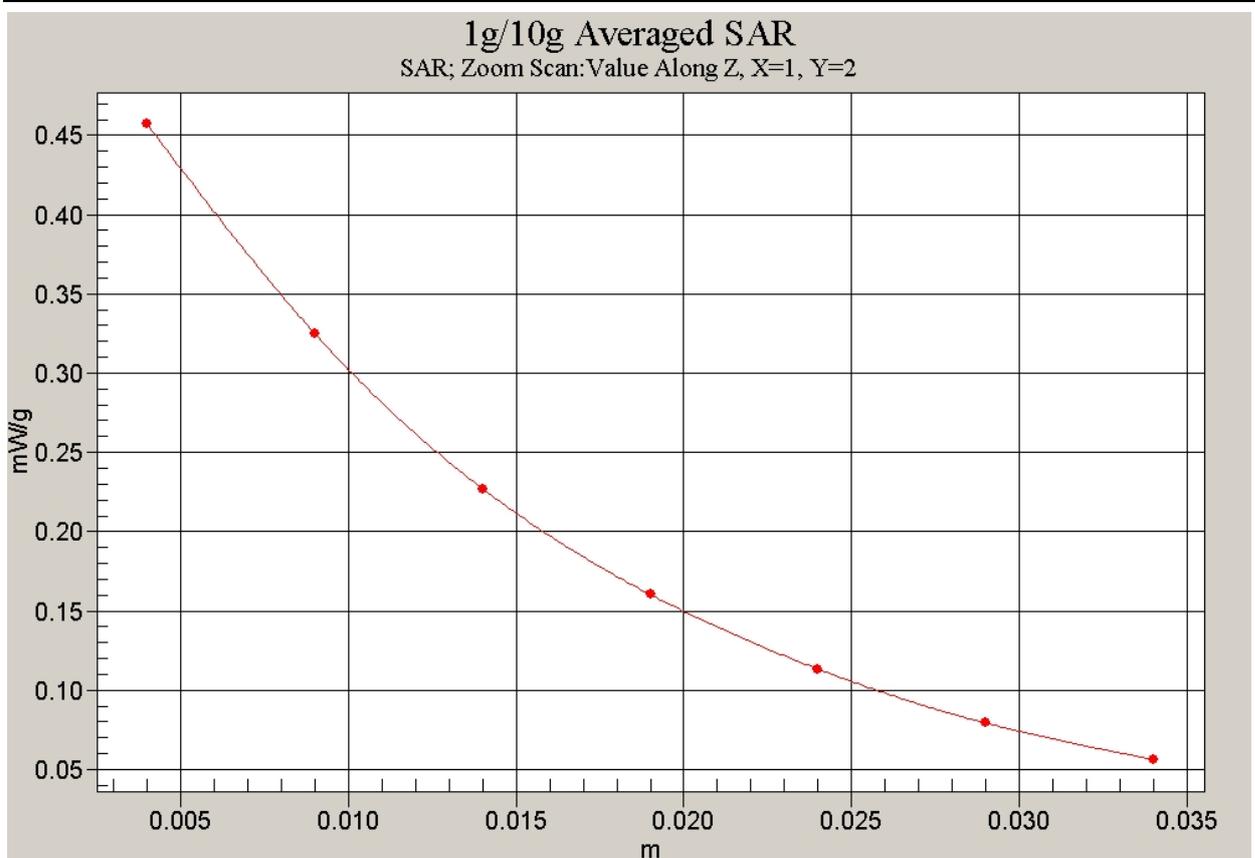**Fig. 51 WCDMA850 MHz, Body, Towards Ground, CH4182-slide down**

Fig. 52 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4182-slide down)