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

WCDMA 850 Right Tilt Middle – Slide up

Date/Time: 2009-2-8 11:27:09

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.907 mho/m; ε$_r$ = 40.4; 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 - SN3149 ConvF(6.56, 6.56, 6.56)

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

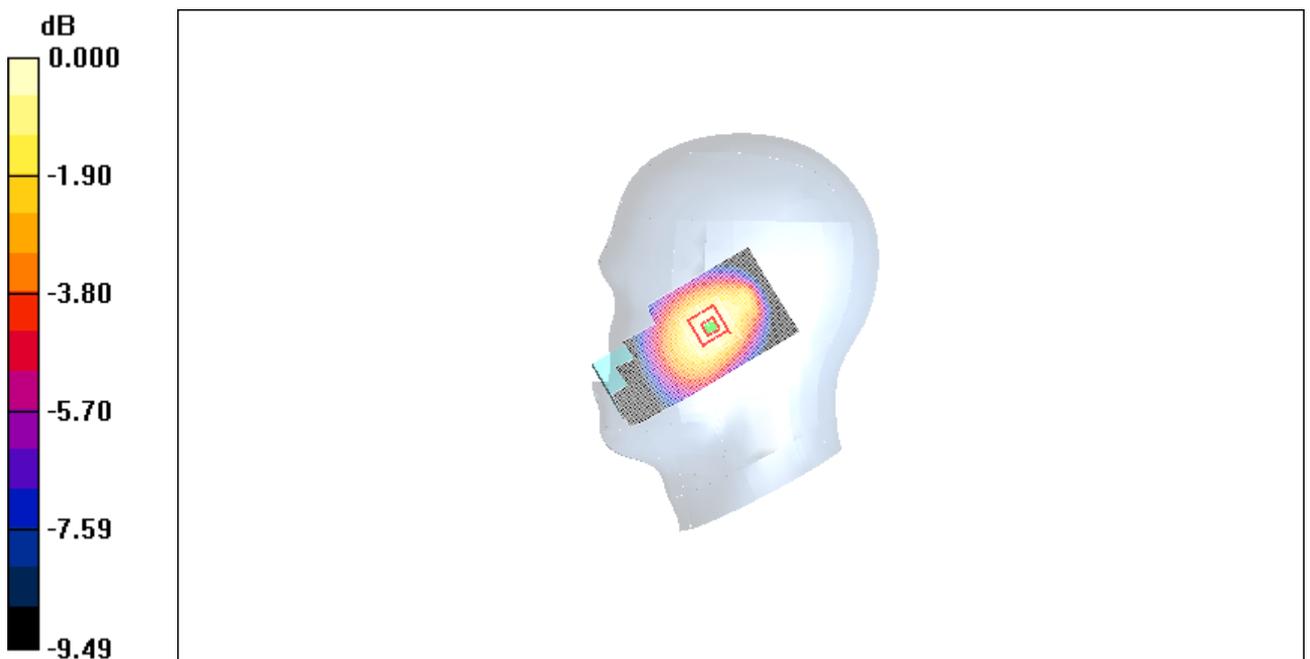Maximum value of SAR (interpolated) = 0.335 mW/g

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

Reference Value = 14.9 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.336 mW/g

0 dB = 0.336mW/g
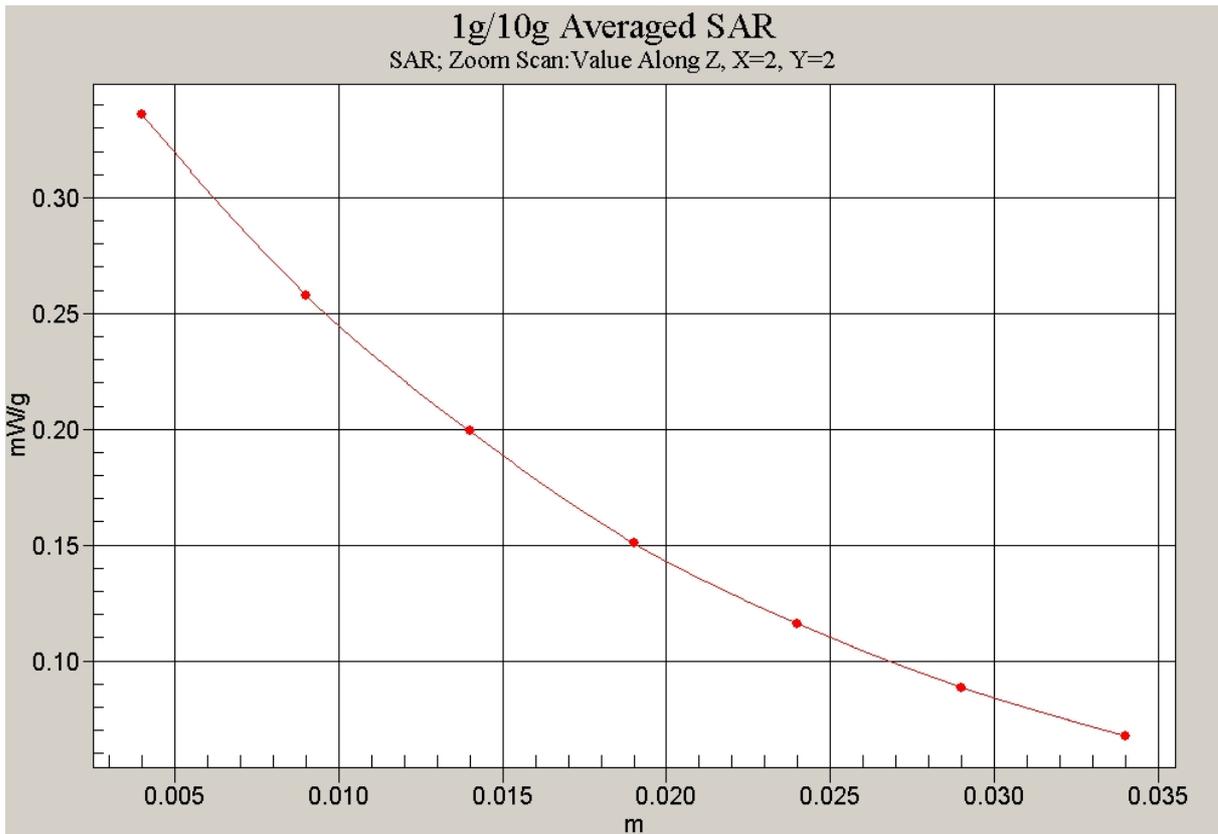

Fig. 45 Right Hand Tilt 15°WCDMA 850MHz CH4182 – Slide up

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

WCDMA 850 Right Tilt Low – Slide up

Date/Time: 2009-2-8 11:40:11

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.897 mho/m; ε_r = 40.4; 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 - SN3149 ConvF(6.56, 6.56, 6.56)

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

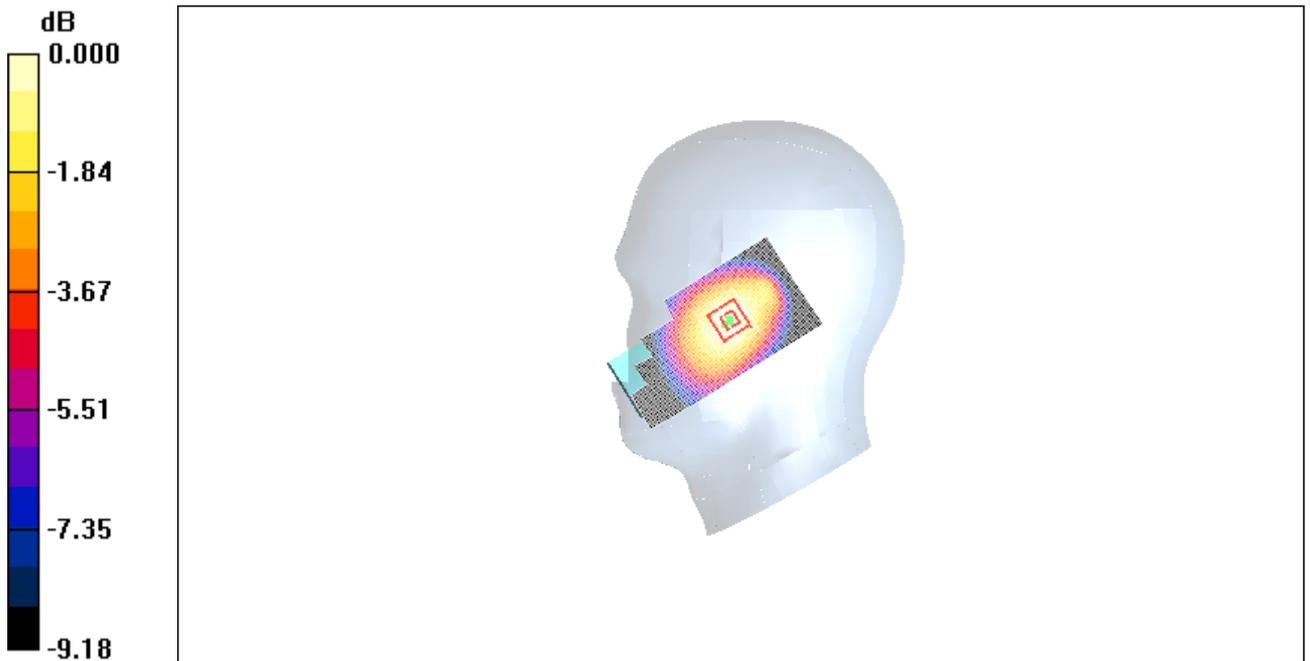Maximum value of SAR (interpolated) = 0.277 mW/g

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

Reference Value = 13.7 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.279 mW/g

0 dB = 0.279mW/g

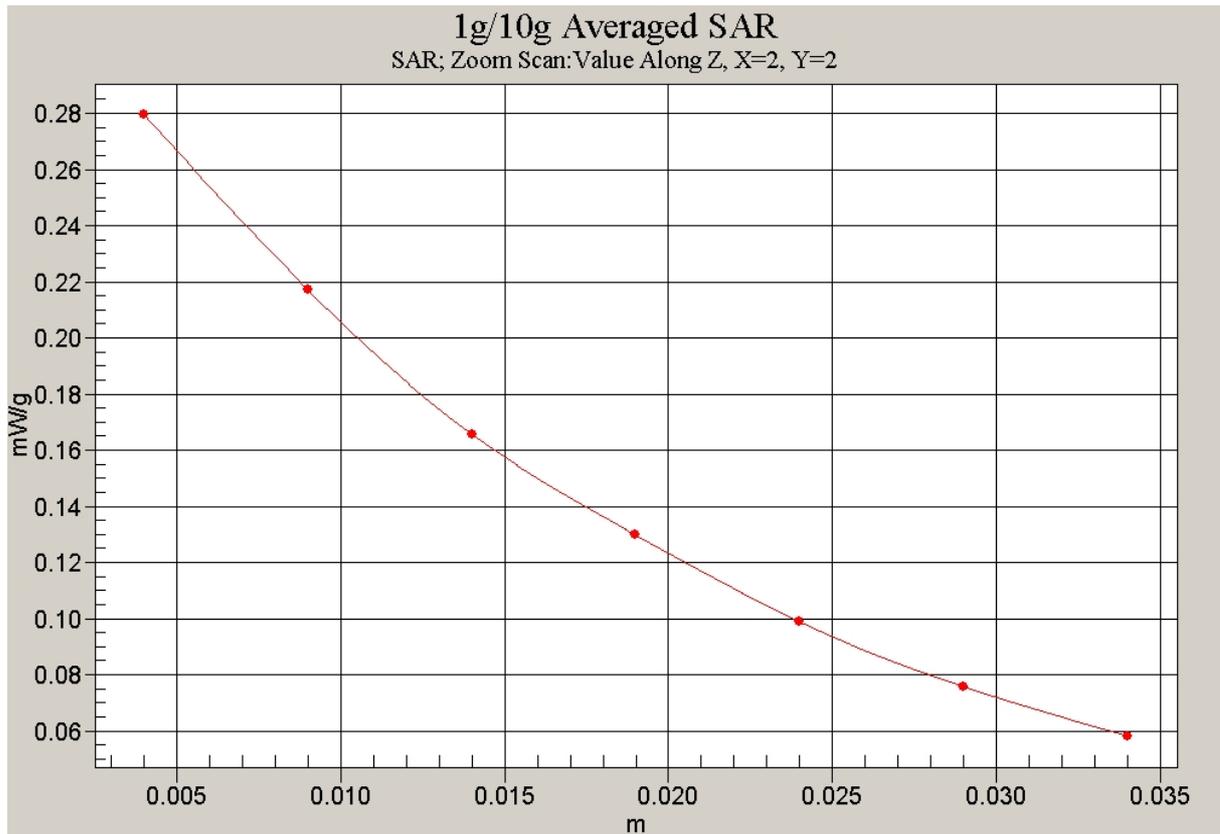**Fig. 47 Right Hand Tilt 15°WCDMA 850MHz CH4132 – Slide** up

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

WCDMA 850 Body Toward Ground High – Slide down

Date/Time: 2009-2-8 12:00:54

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; ε_r = 53.7; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.454 mW/g
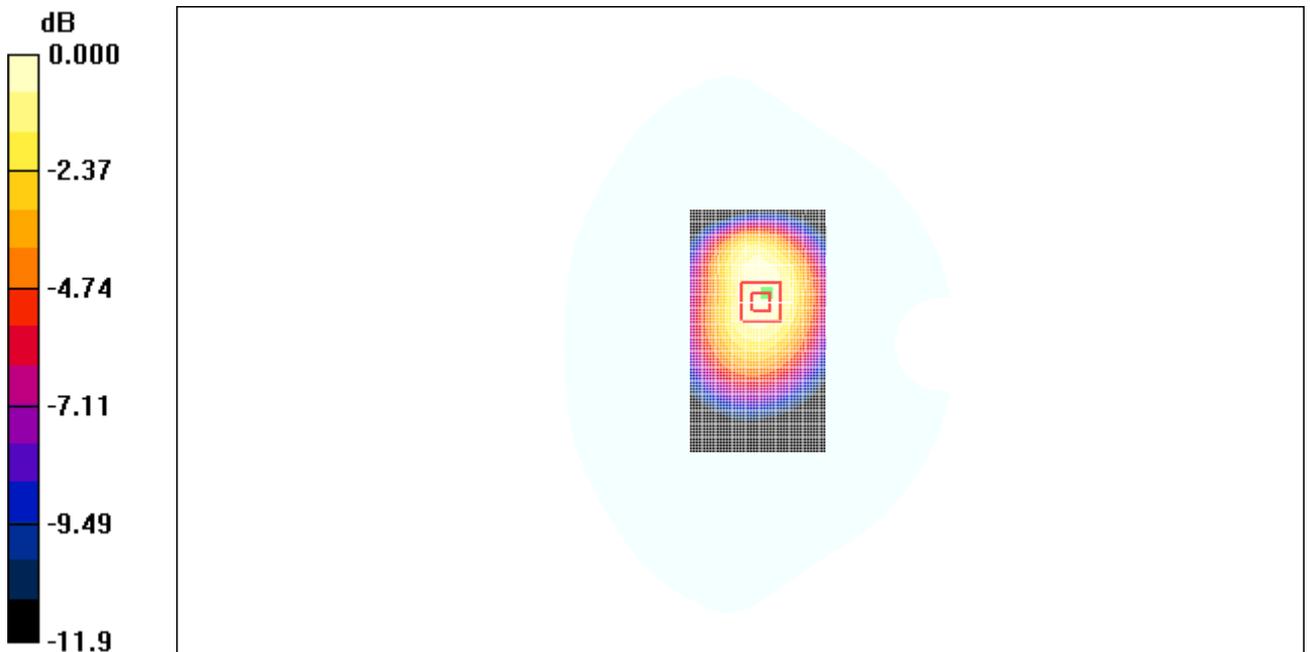

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.462 mW/g

0 dB = 0.462mW/g

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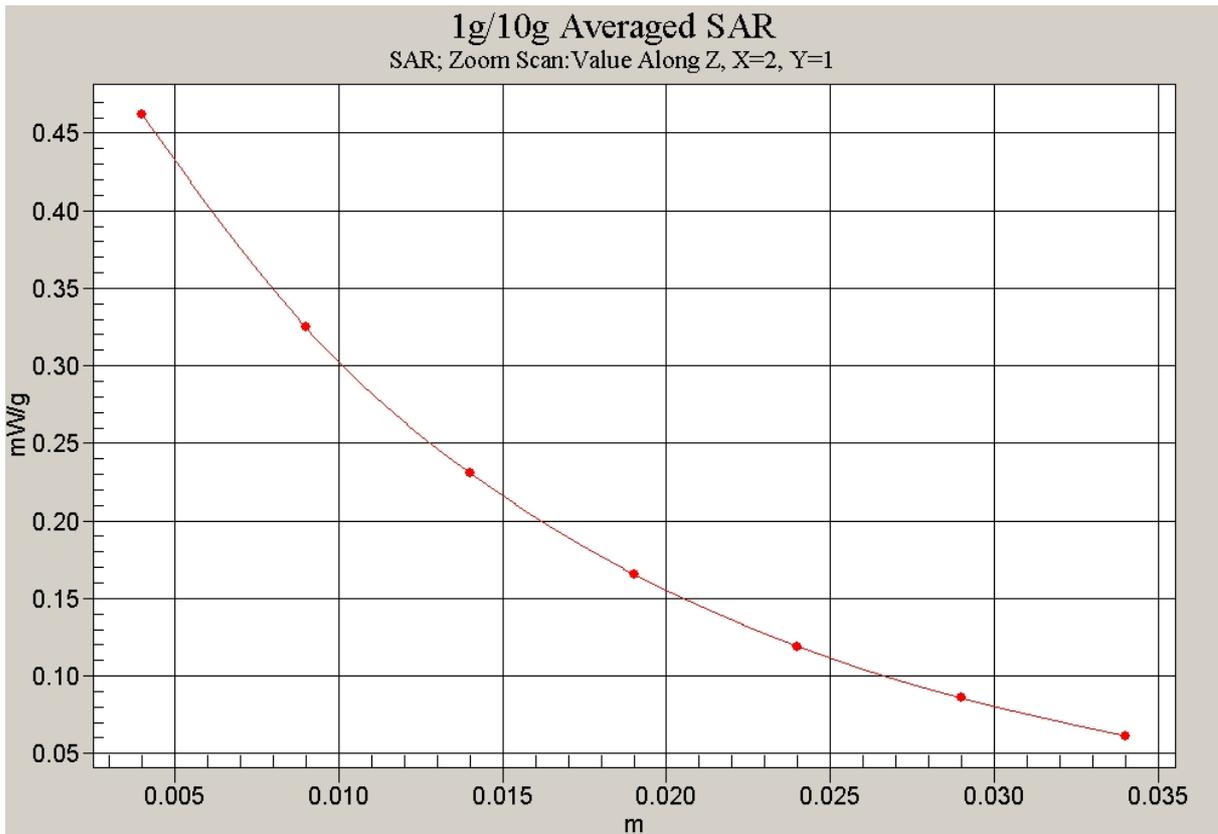
Fig. 50 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233) – Slide down

WCDMA 850 Body Toward Ground Middle – Slide down

Date/Time: 2009-2-8 12:13:38

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; ε_r = 53.8; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

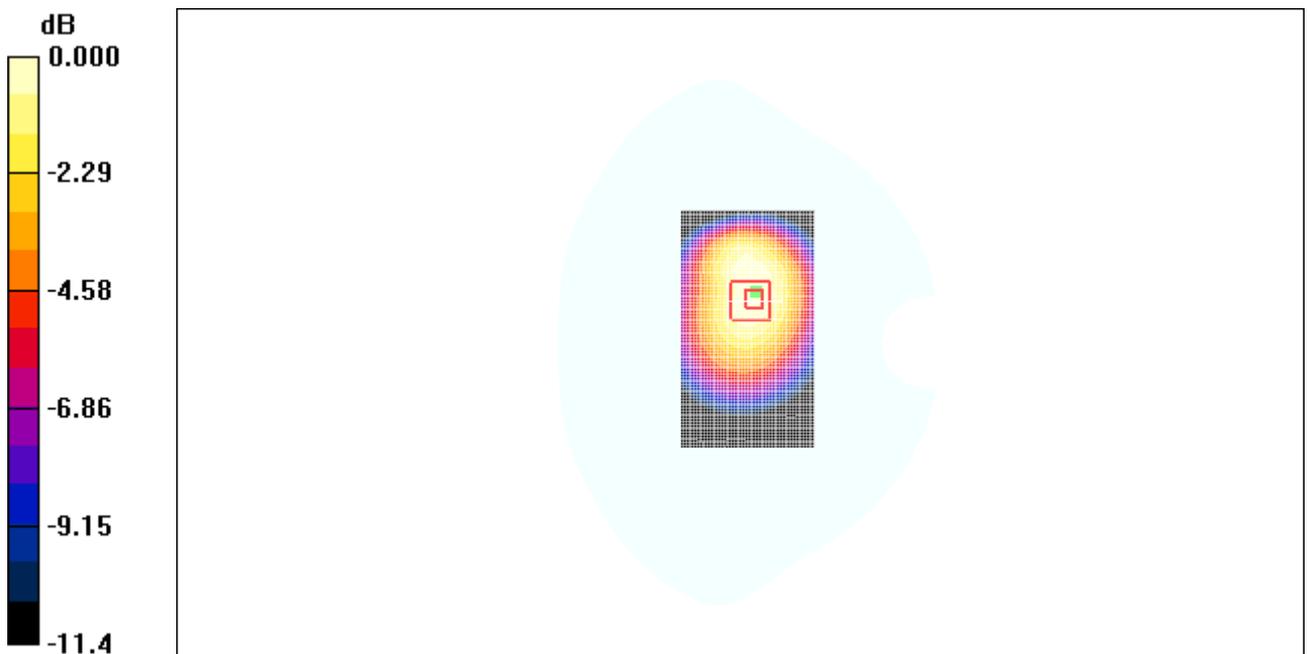Maximum value of SAR (interpolated) = 0.331 mW/g

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

Reference Value = 15.3 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 0.332 mW/g

0 dB = 0.332mW/g

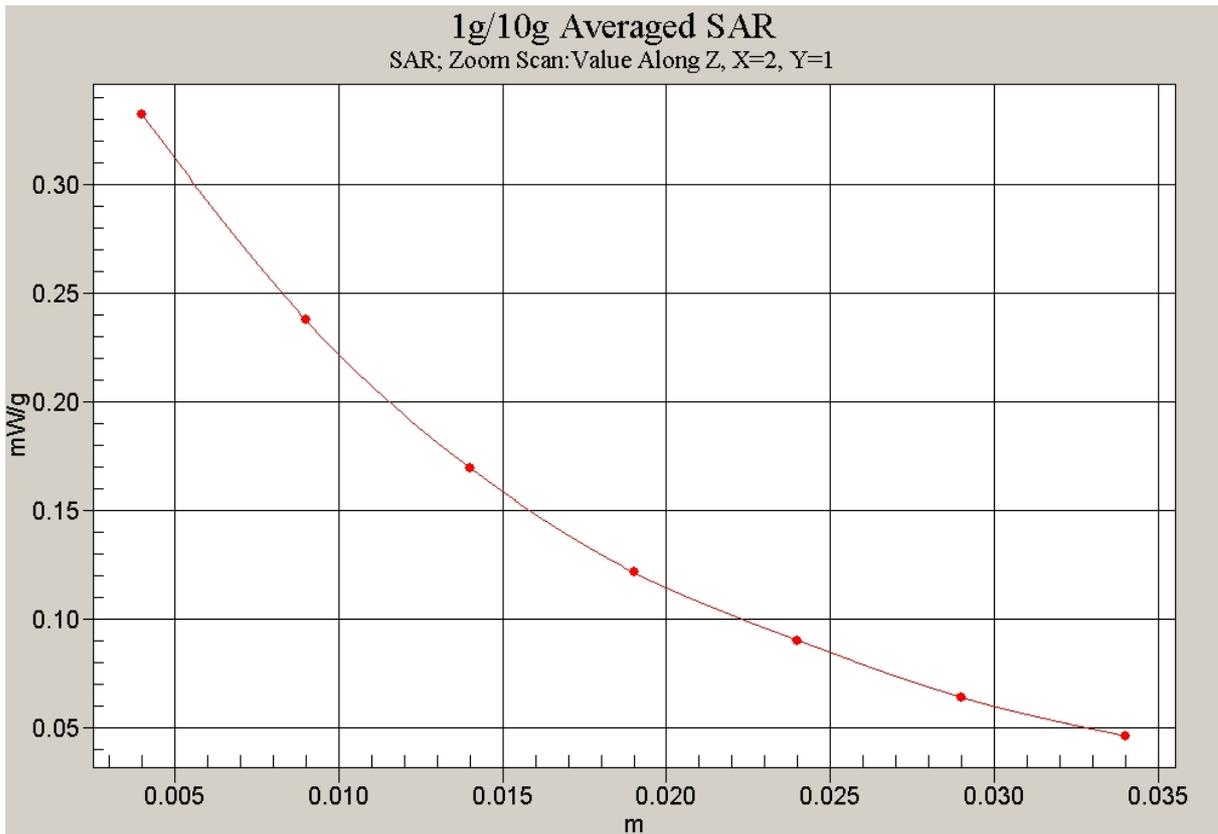**Fig. 51 WCDMA850 MHz, Body, Towards Ground, CH4182 – Slide down**

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

WCDMA 850 Body Toward Ground Low – Slide down

Date/Time: 2009-2-8 12:26:10

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.975 mho/m; ϵ_r = 53.9; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

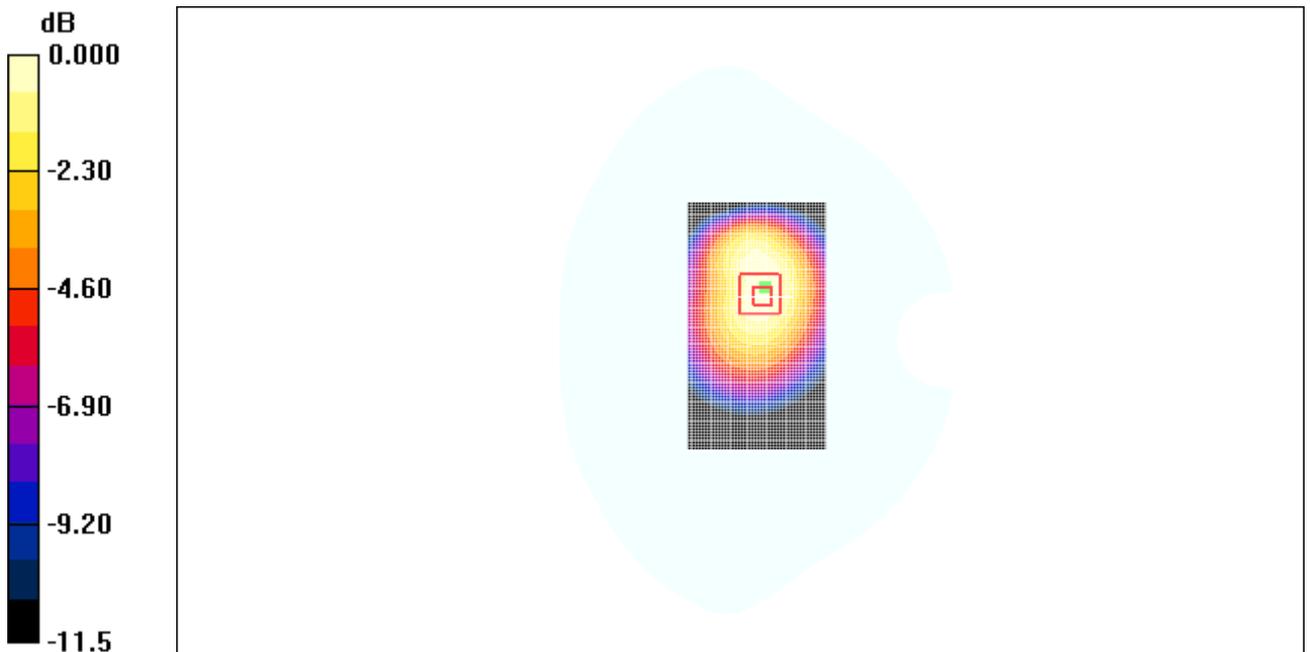Maximum value of SAR (interpolated) = 0.423 mW/g

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

Reference Value = 16.9 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.428 mW/g

0 dB = 0.428mW/g

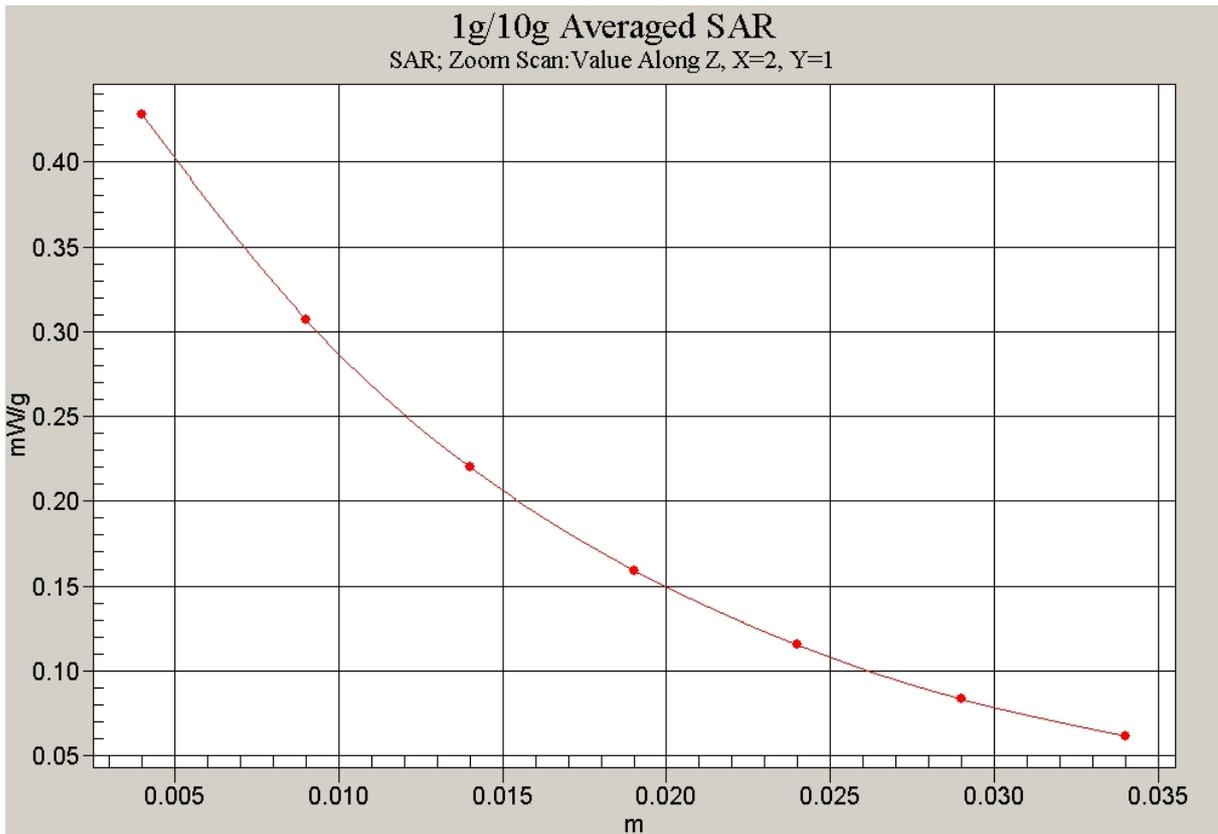**Fig. 53 WCDMA850 MHz, Body, Towards Ground, CH4132 – Slide down**

Fig. 54 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4132) – Slide down

WCDMA 850 Body Toward Phantom High – Slide down

Date/Time: 2009-2-8 12:39:24

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; ε_r = 53.7; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

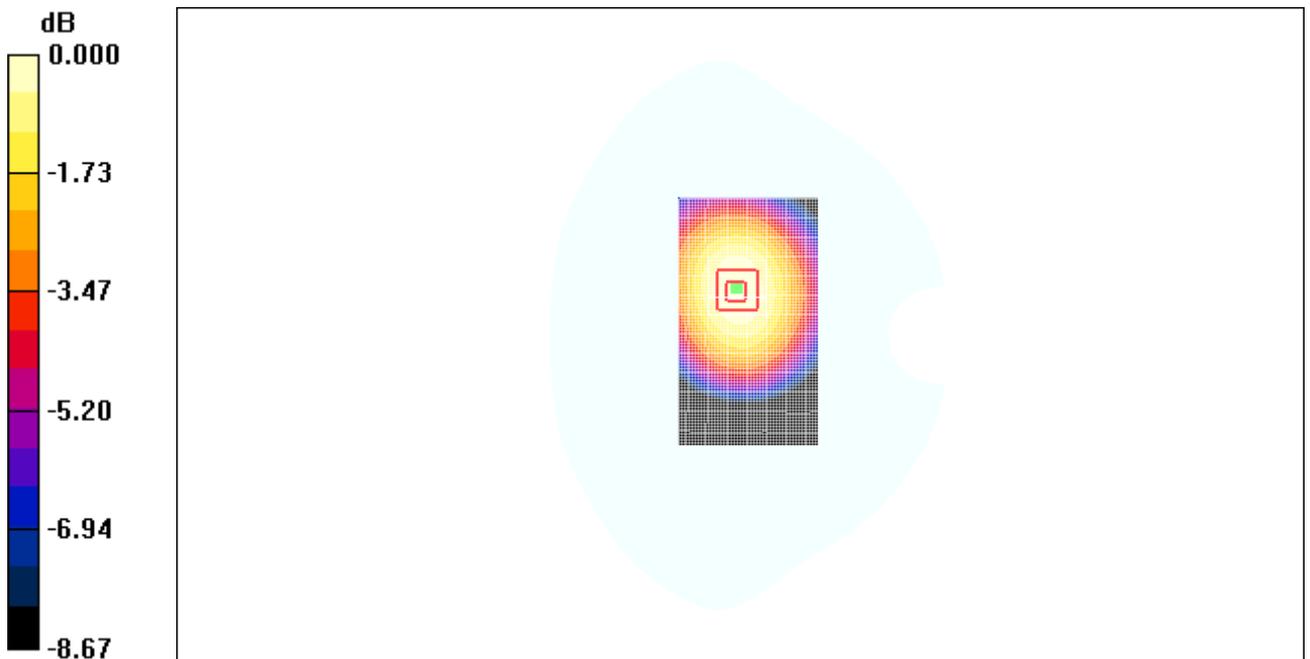Maximum value of SAR (interpolated) = 0.190 mW/g

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

Reference Value = 12.3 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.191 mW/g

0 dB = 0.191mW/g

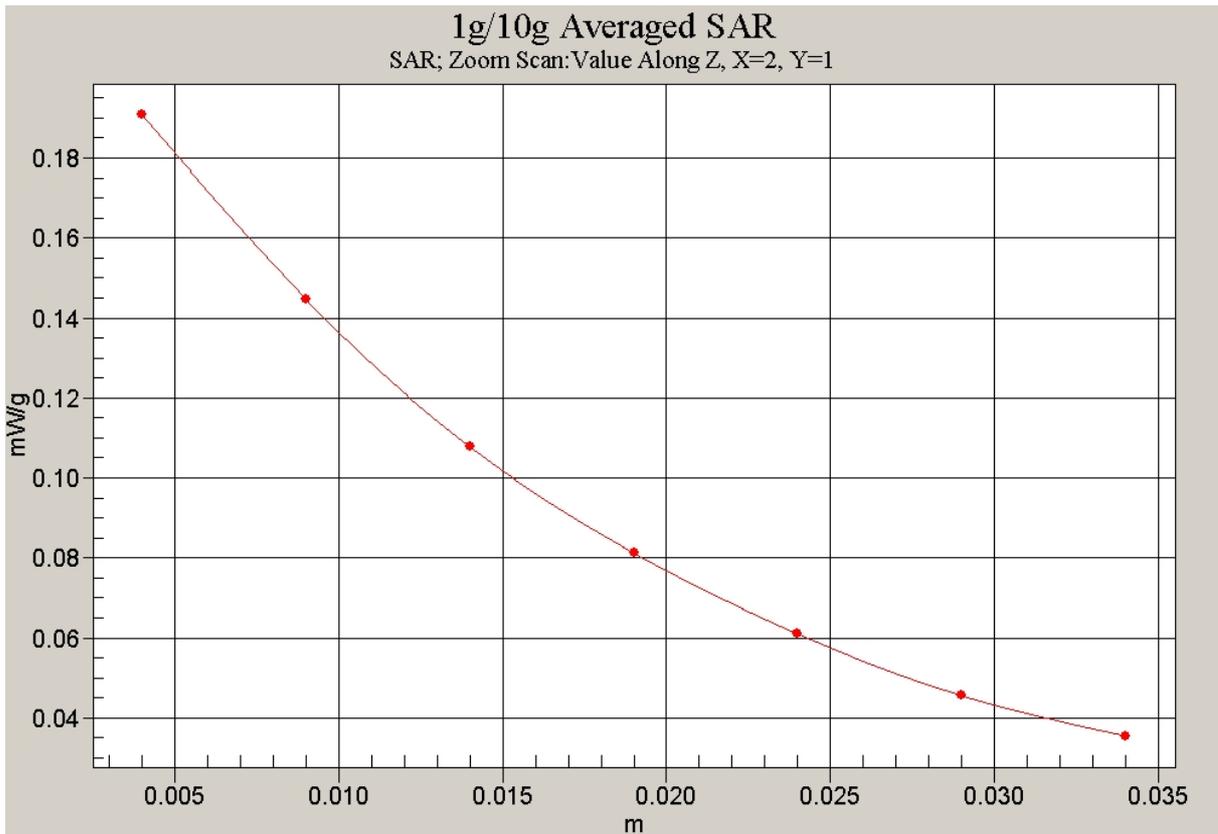**Fig. 55 WCDMA850 MHz, Body, Towards Phantom, CH4233 – Slide down**

Fig. 56 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom,CH4233) – Slide down

WCDMA 850 Body Toward Phantom Middle – Slide down

Date/Time: 2009-2-8 12:52:15

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; ε_r = 53.8; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

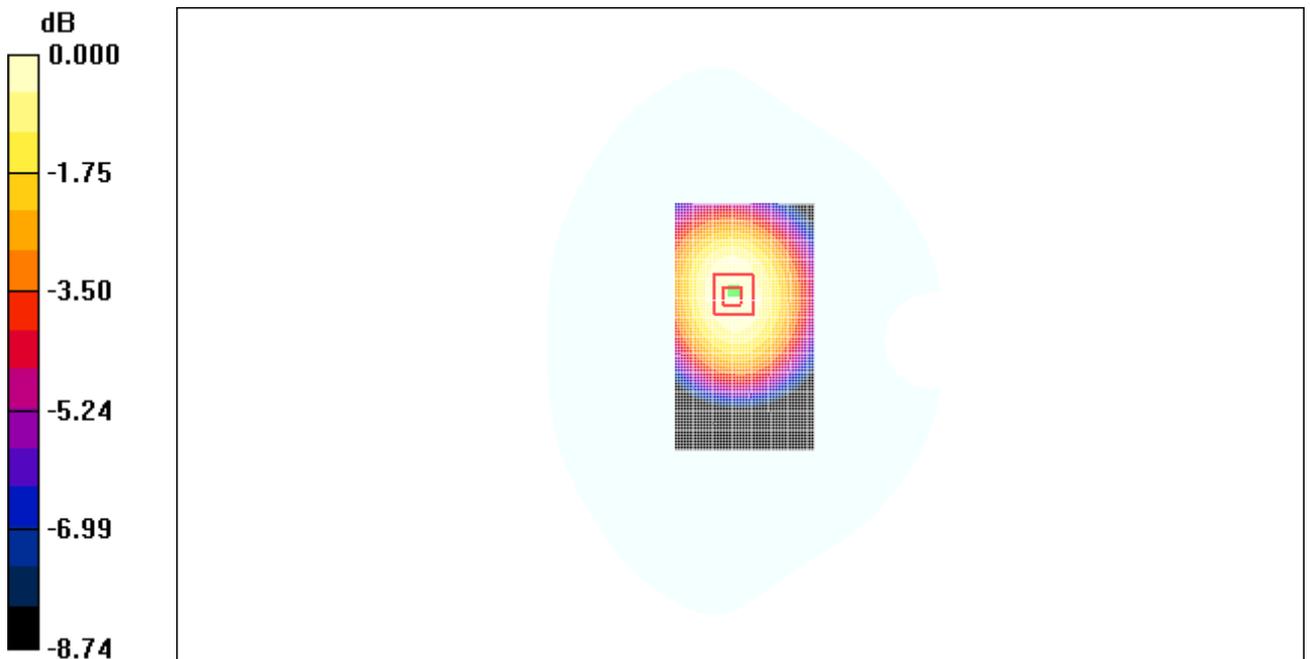Maximum value of SAR (interpolated) = 0.139 mW/g

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

Reference Value = 10.6 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.137 mW/g

0 dB = 0.137mW/g

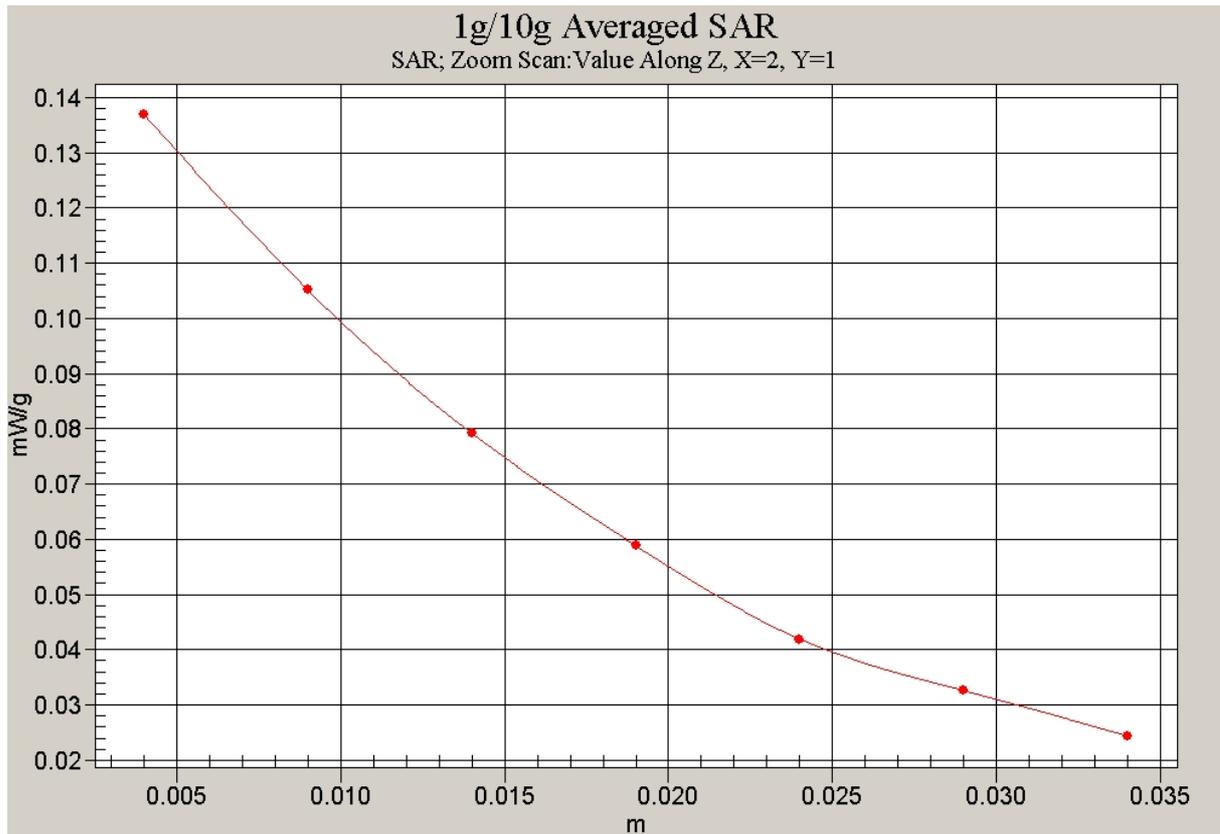**Fig. 57 WCDMA850 MHz, Body, Towards Phantom, CH4182 – Slide down**

Fig. 58 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom,CH4182) – Slide down

WCDMA 850 Body Toward Phantom Low – Slide down

Date/Time: 2009-2-8 13:05:41

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.975 mho/m; ε_r = 53.9; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

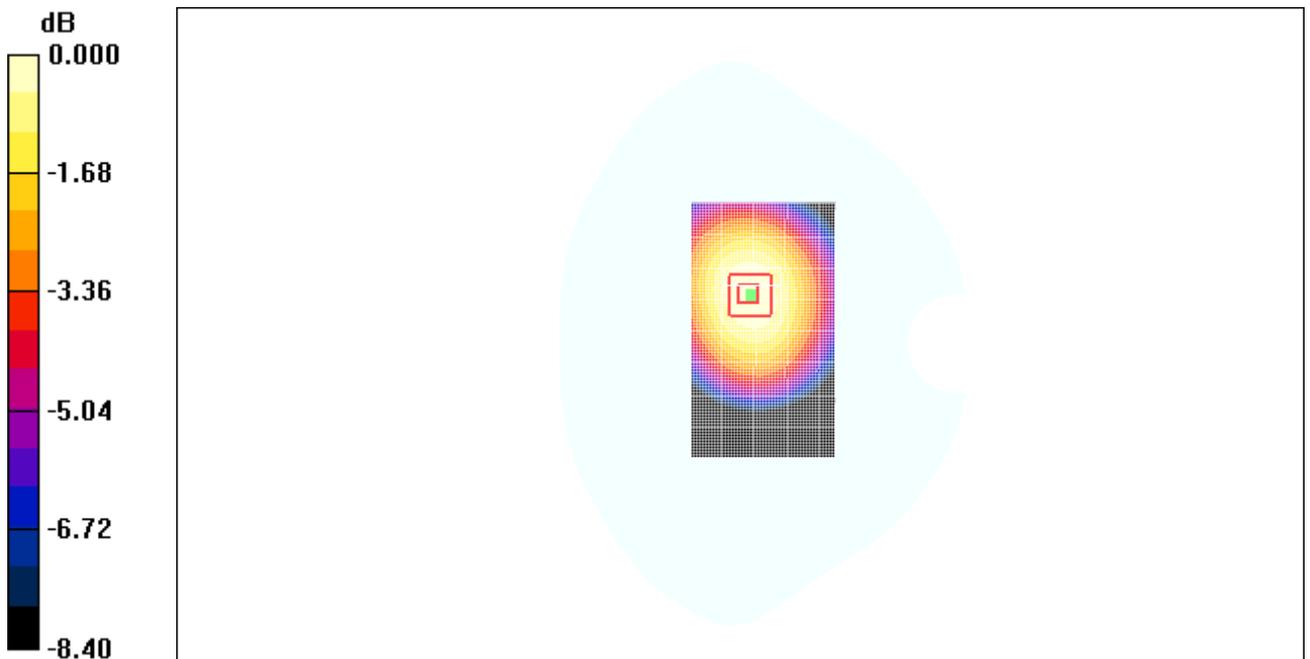Maximum value of SAR (interpolated) = 0.166 mW/g

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

Reference Value = 11.6 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.169 mW/g

0 dB = 0.169mW/g

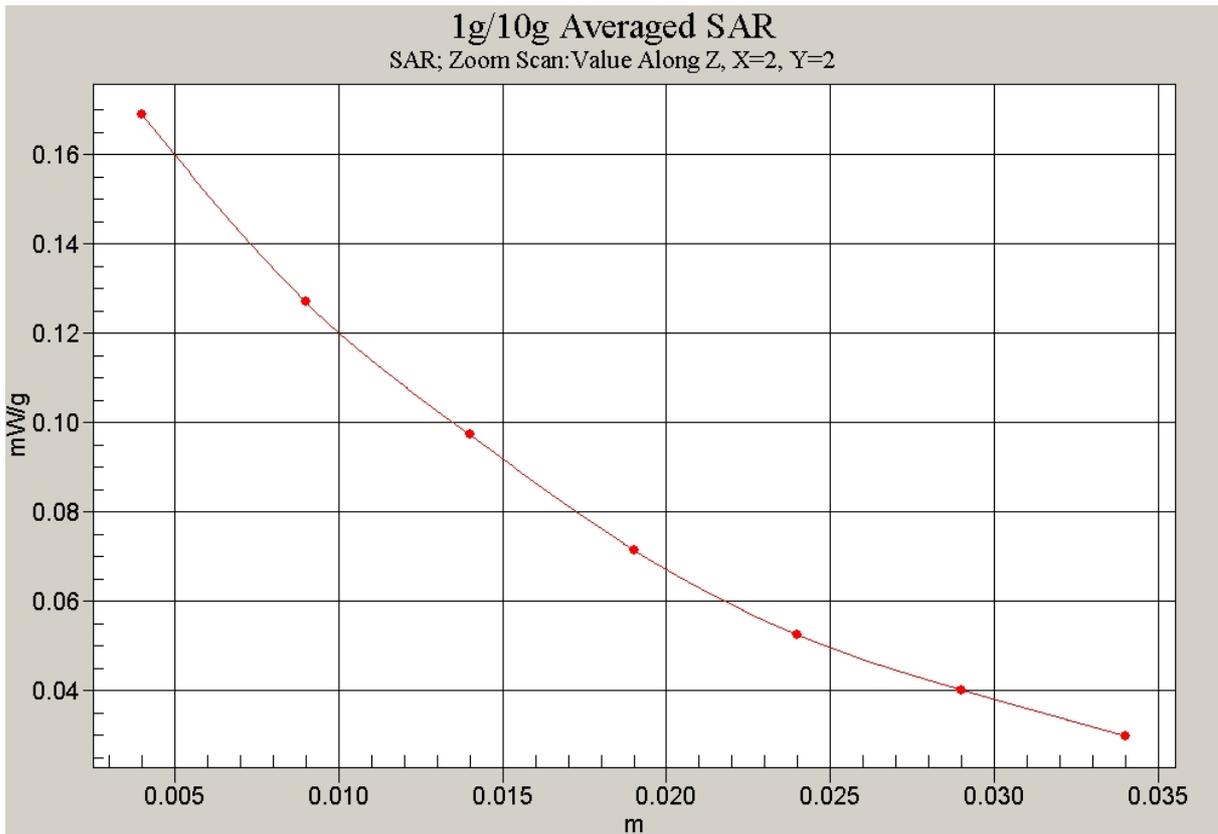**Fig. 59 WCDMA850 MHz, Body, Towards Phantom, CH4132 – Slide down**

Fig. 60 Z-Scan at power reference point (WCDMA850 MHz,Body, Towards Phantom,CH4132) – Slide down

WCDMA 850 Body Toward Ground High – Slide up

Date/Time: 2009-2-8 13:18:34

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; ε_r = 53.7; ρ = 1000 kg/m³

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

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm

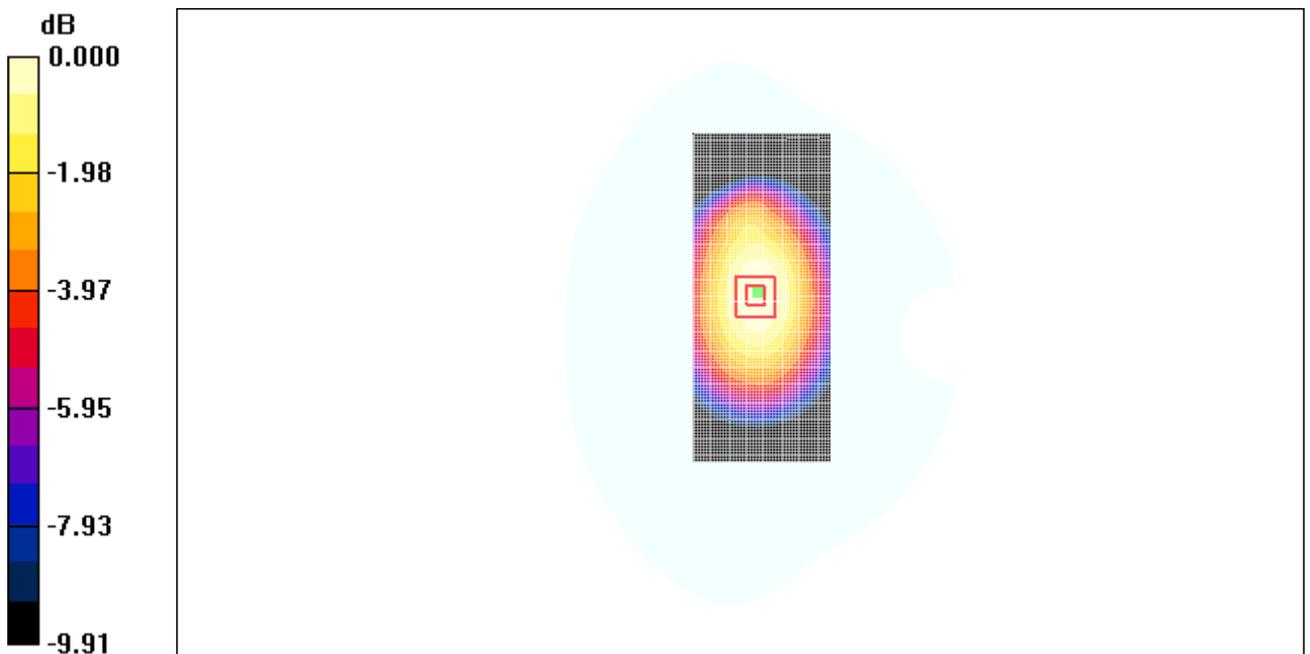Maximum value of SAR (interpolated) = 0.747 mW/g

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

Reference Value = 25.0 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 0.742 mW/g

0 dB = 0.742mW/g

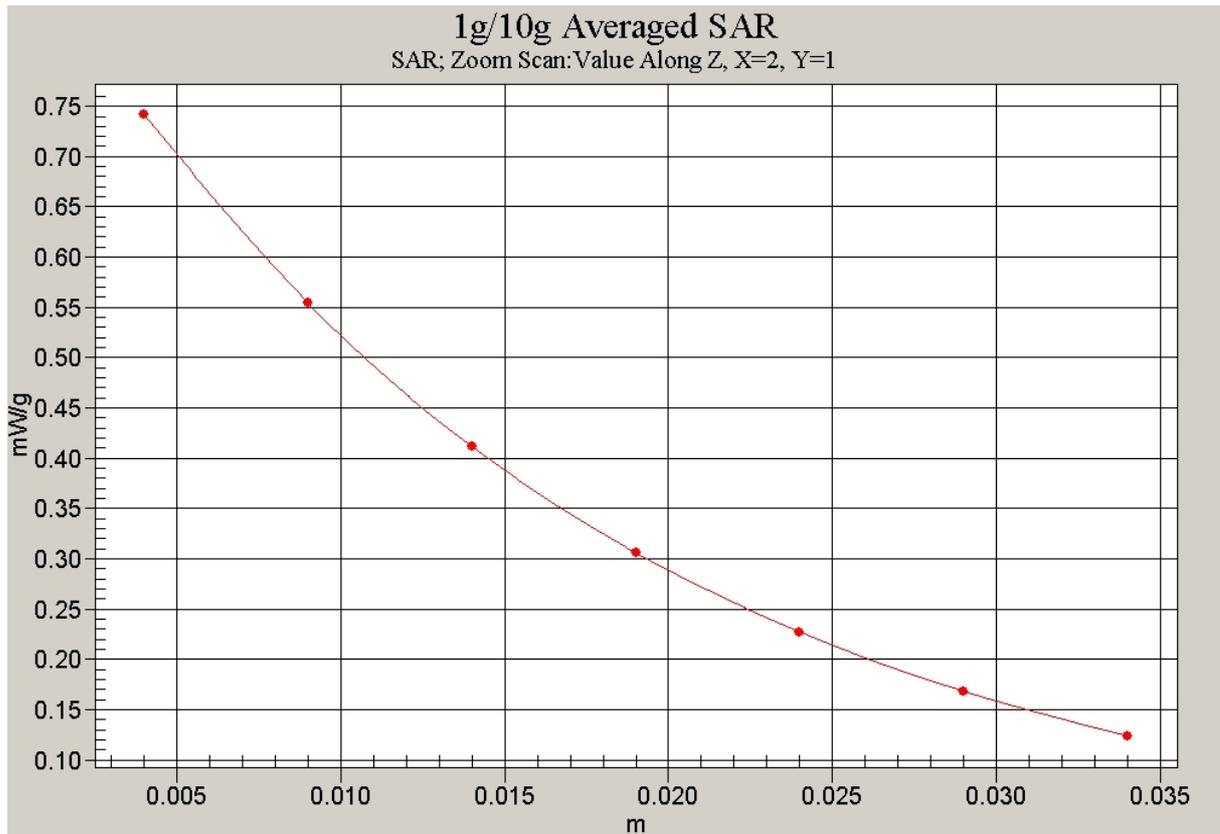**Fig. 61 WCDMA850 MHz, Body, Towards Ground, CH4233 – Slide up**

Fig. 62 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233) – Slide up

WCDMA 850 Body Toward Ground Middle – Slide up

Date/Time: 2009-2-8 13:32:30

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; ε_r = 53.8; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm

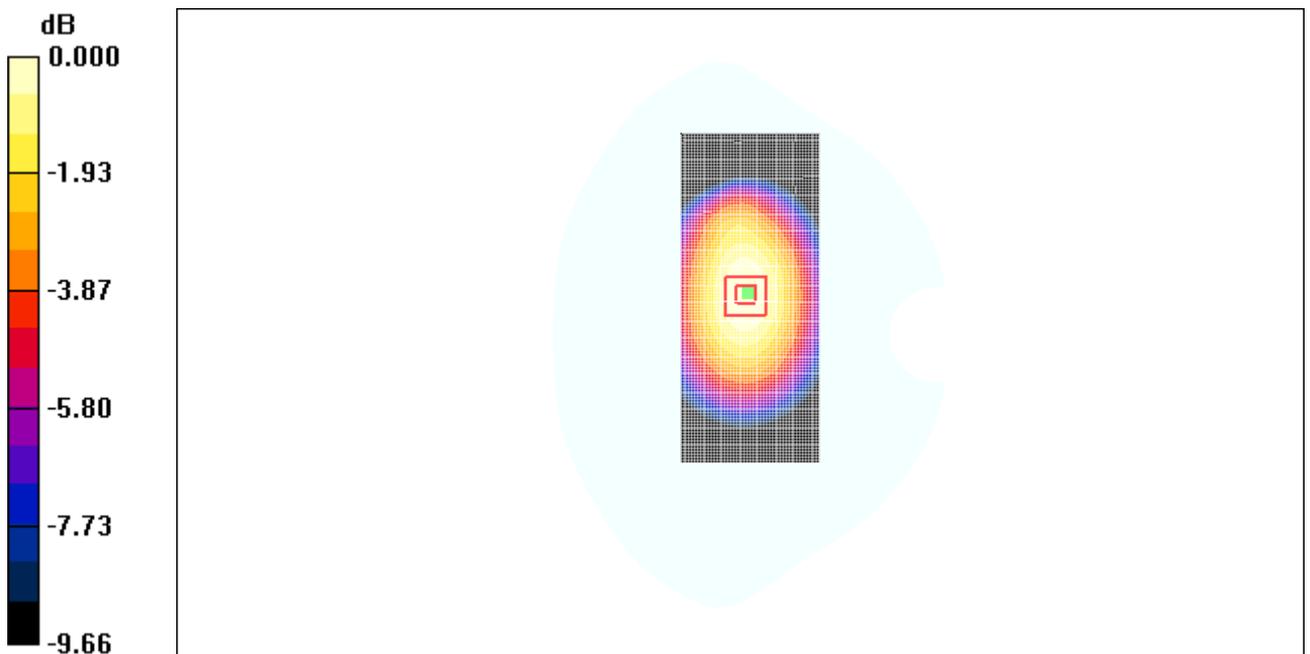Maximum value of SAR (interpolated) = 0.735 mW/g

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

Reference Value = 24.9 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.502 mW/g

Maximum value of SAR (measured) = 0.724 mW/g

0 dB = 0.724mW/g

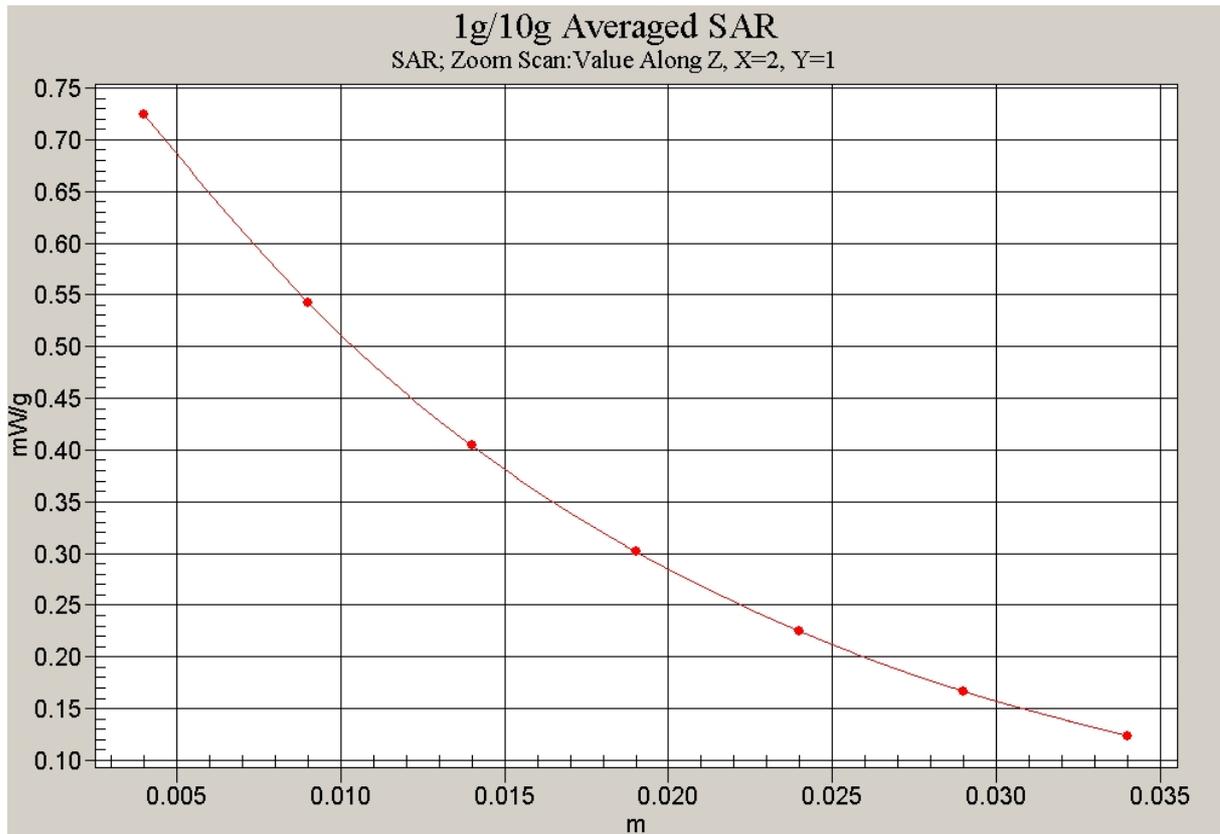**Fig. 63 WCDMA850 MHz, Body, Towards Ground, CH4182 – Slide up**

**Fig. 64 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4182)
– Slide up**

WCDMA 850 Body Toward Ground Low – Slide up

Date/Time: 2009-2-8 13:45:19

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.975 mho/m; ε_r = 53.9; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
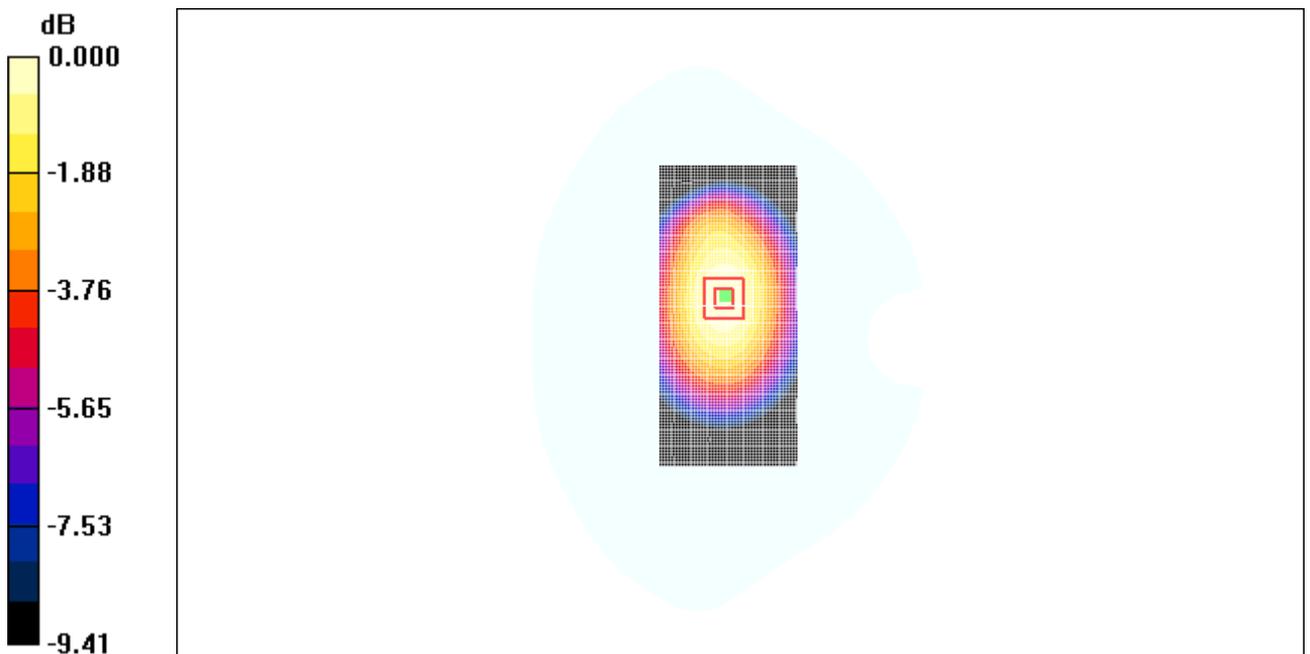
Maximum value of SAR (interpolated) = 0.730 mW/g

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

Reference Value = 24.8 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 0.727 mW/g

0 dB = 0.727mW/g

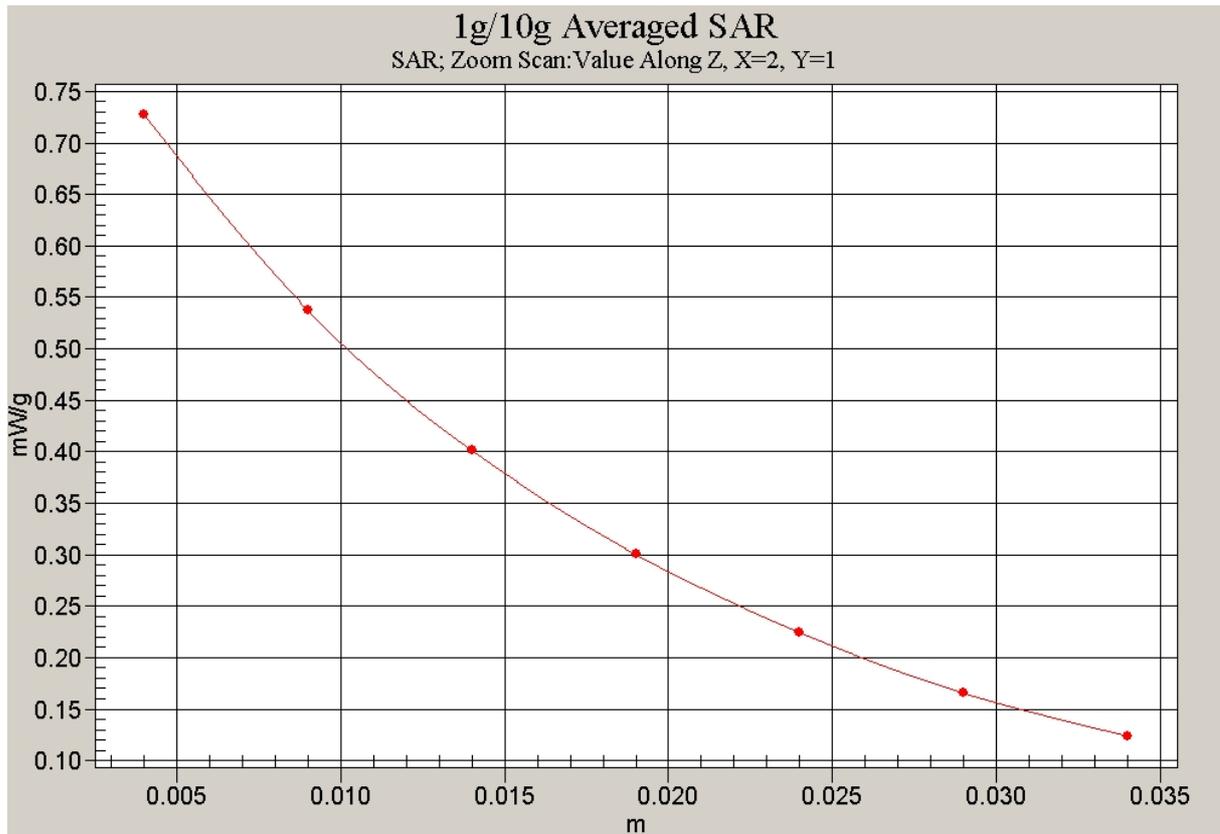**Fig. 65 WCDMA850 MHz, Body, Towards Ground, CH4132 – Slide up**

Fig. 66 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4132) – Slide up

WCDMA 850 Body Toward Phantom High – Slide up

Date/Time: 2009-2-8 13:59:37

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; ε_r = 53.7; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

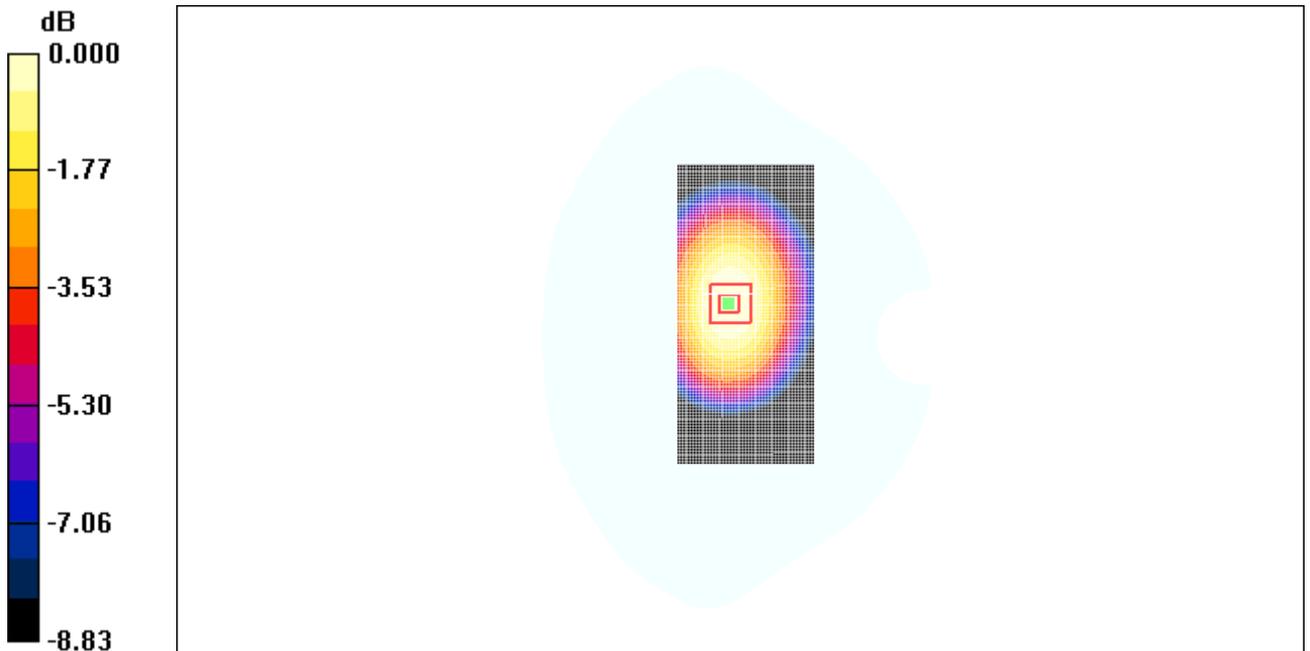Maximum value of SAR (interpolated) = 0.655 mW/g

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

Reference Value = 24.0 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 0.639 mW/g

0 dB = 0.639mW/g

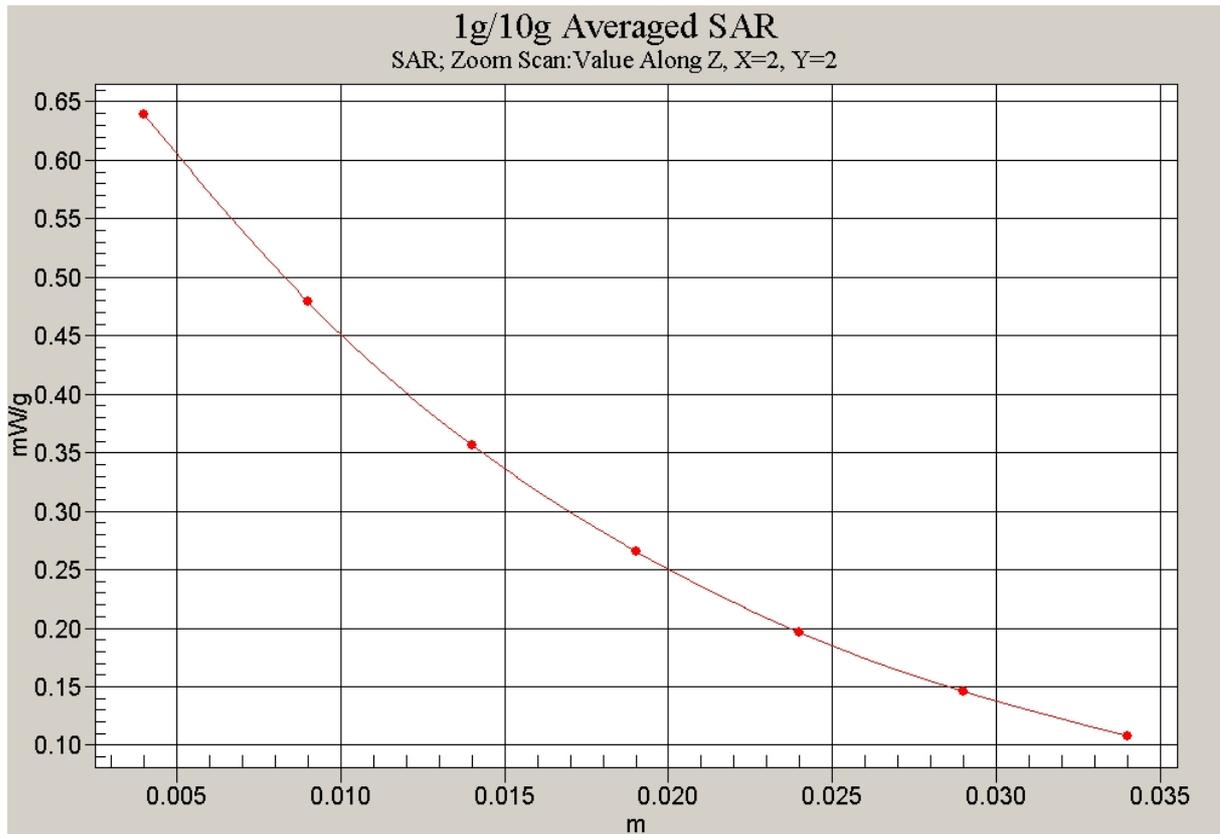**Fig. 67 WCDMA850 MHz, Body, Towards Phantom, CH4233 – Slide** up

Fig. 68 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom,CH4233) – Slide up

WCDMA 850 Body Toward Phantom Middle – Slide up

Date/Time: 2009-2-8 14:13:08

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; ε_r = 53.8; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

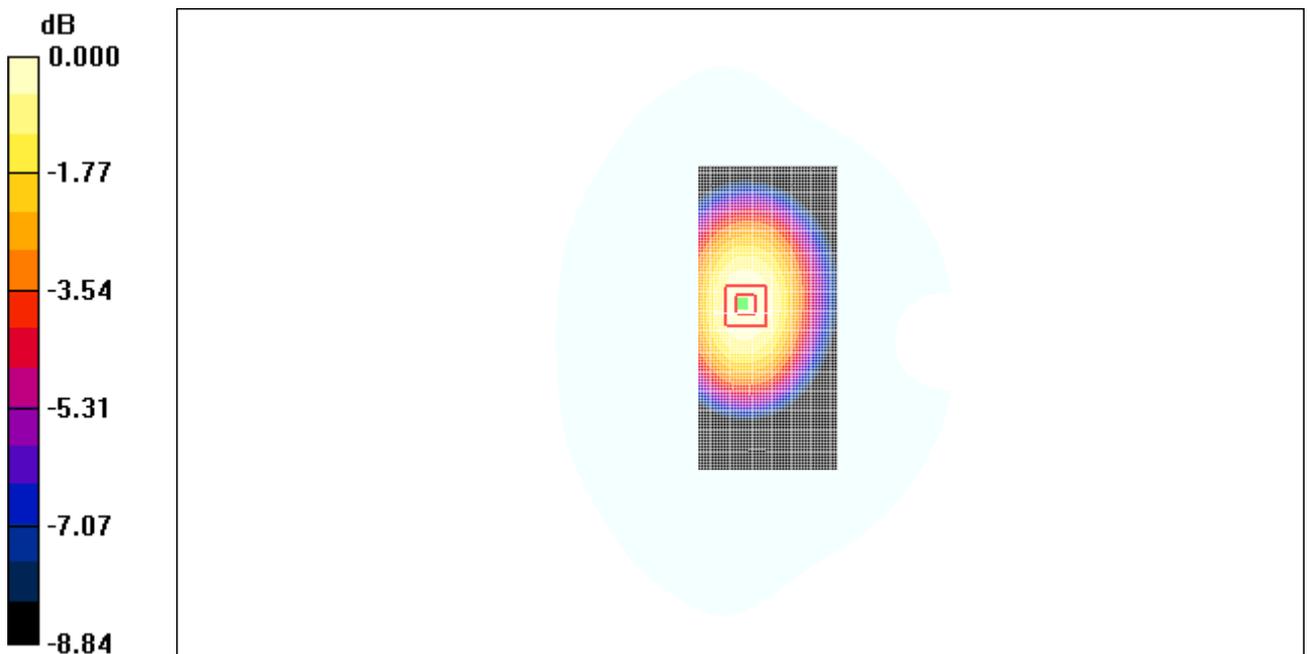Maximum value of SAR (interpolated) = 0.649 mW/g

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

Reference Value = 23.7 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 0.795 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 0.642 mW/g

0 dB = 0.642mW/g

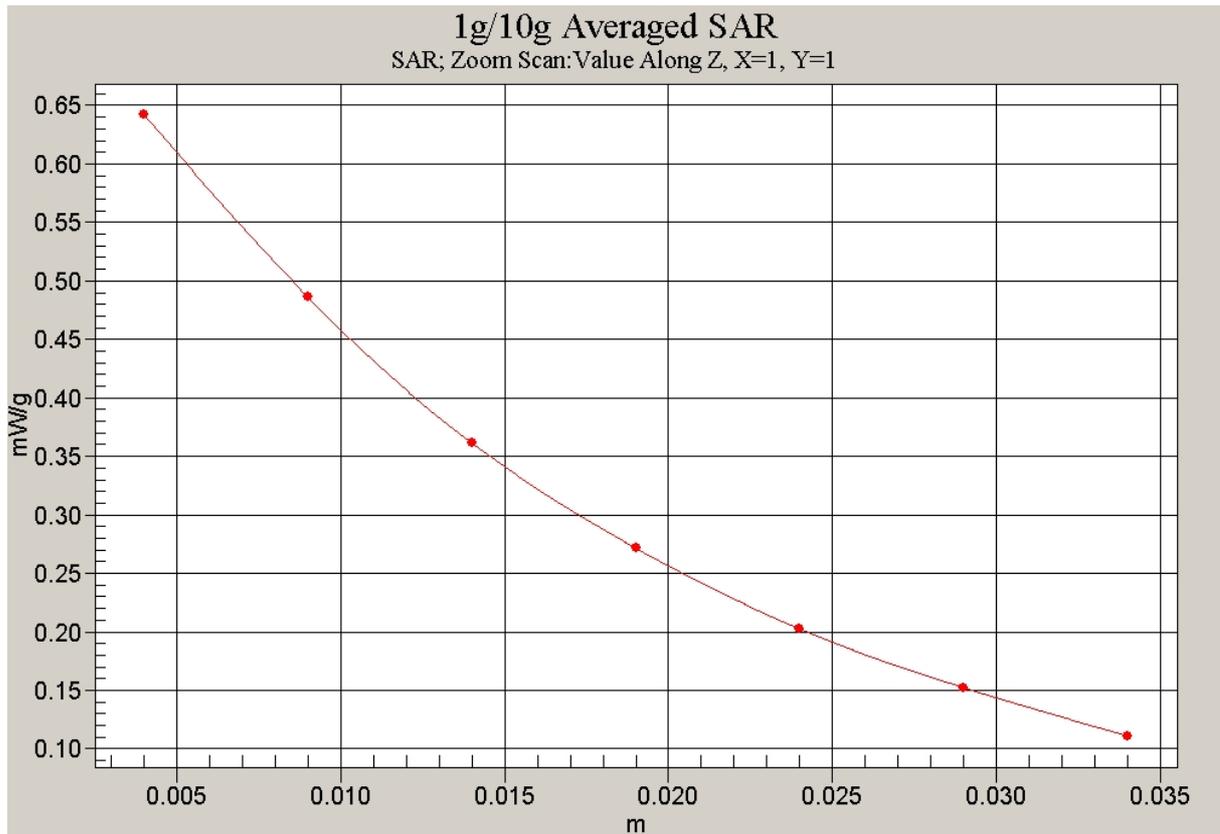**Fig. 69 WCDMA850 MHz, Body, Towards Phantom, CH4182 – Slide up**

**Fig. 70 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom,CH4182)
– Slide up**

WCDMA 850 Body Toward Phantom Low – Slide up

Date/Time: 2009-2-8 14:27:23

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.975 mho/m; ε_r = 53.9; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
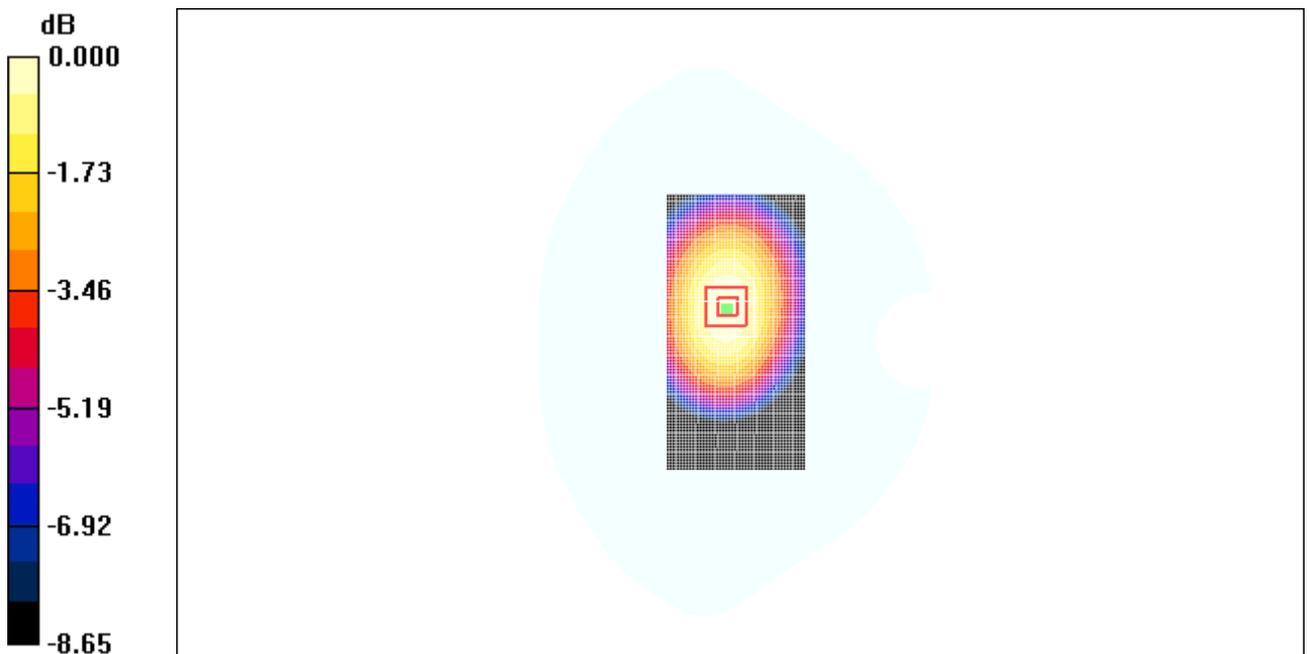
Maximum value of SAR (interpolated) = 0.601 mW/g

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

Reference Value = 23.0 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.604 mW/g

0 dB = 0.604mW/g

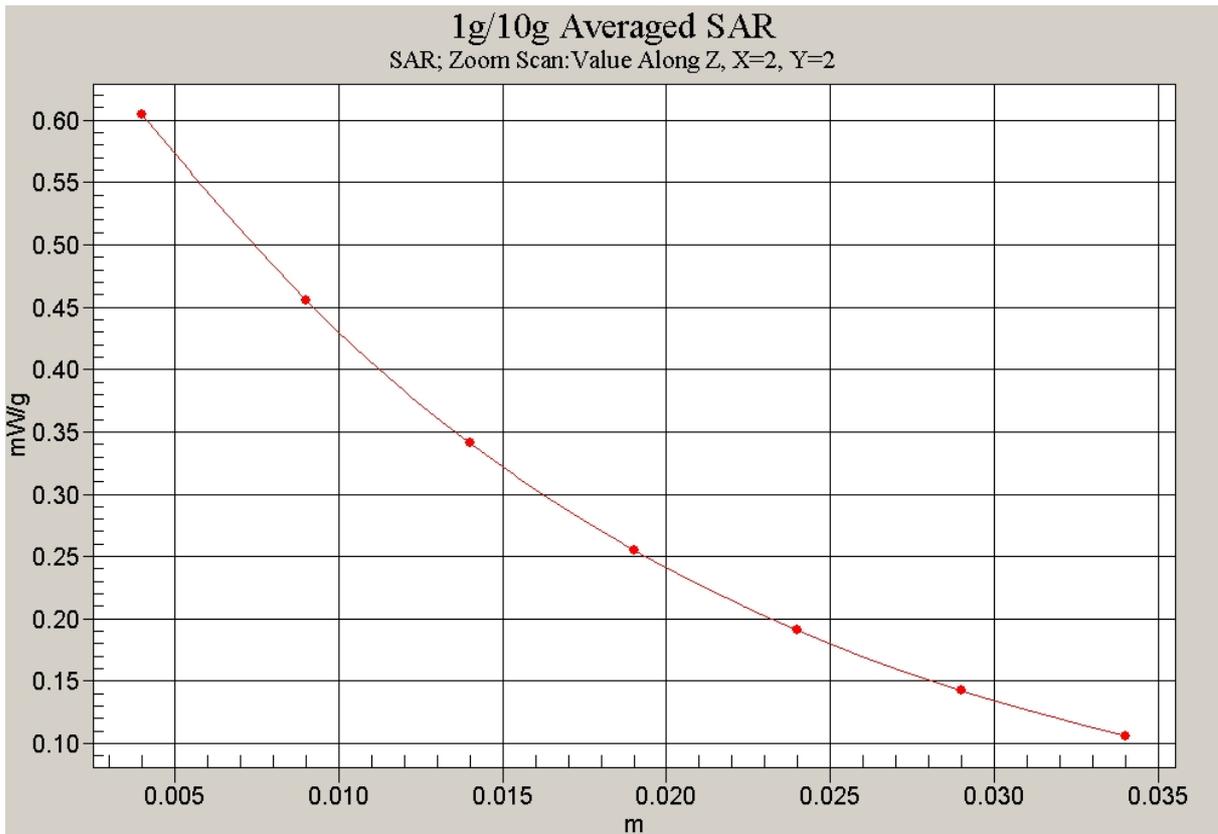**Fig. 71 WCDMA850 MHz, Body, Towards Phantom, CH4132 – Slide** up

**Fig. 72 Z-Scan at power reference point (WCDMA850 MHz,Body, Towards Phantom,CH4132)
– Slide up**

WCDMA 850 Body Toward Ground High with Headset – Slide up

Date/Time: 2009-2-8 14:41:36

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; ε_r = 53.7; 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 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm

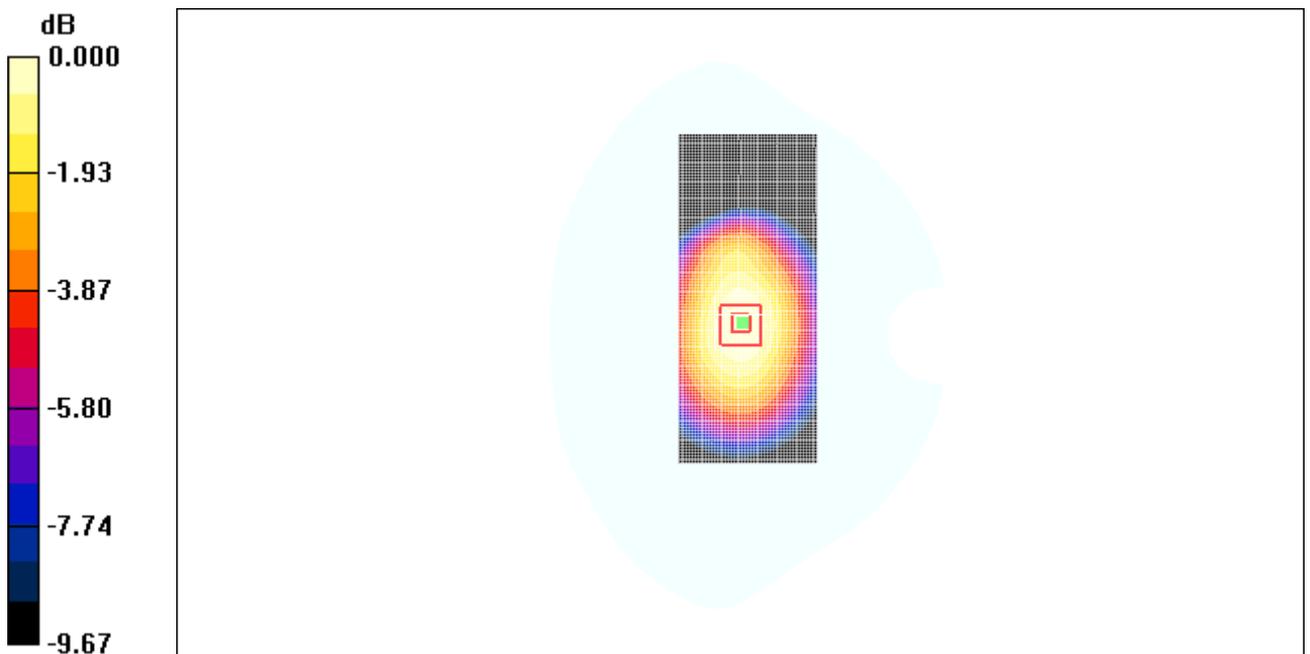Maximum value of SAR (interpolated) = 0.713 mW/g

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

Reference Value = 26.8 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.484 mW/g

Maximum value of SAR (measured) = 0.697 mW/g

0 dB = 0.697mW/g

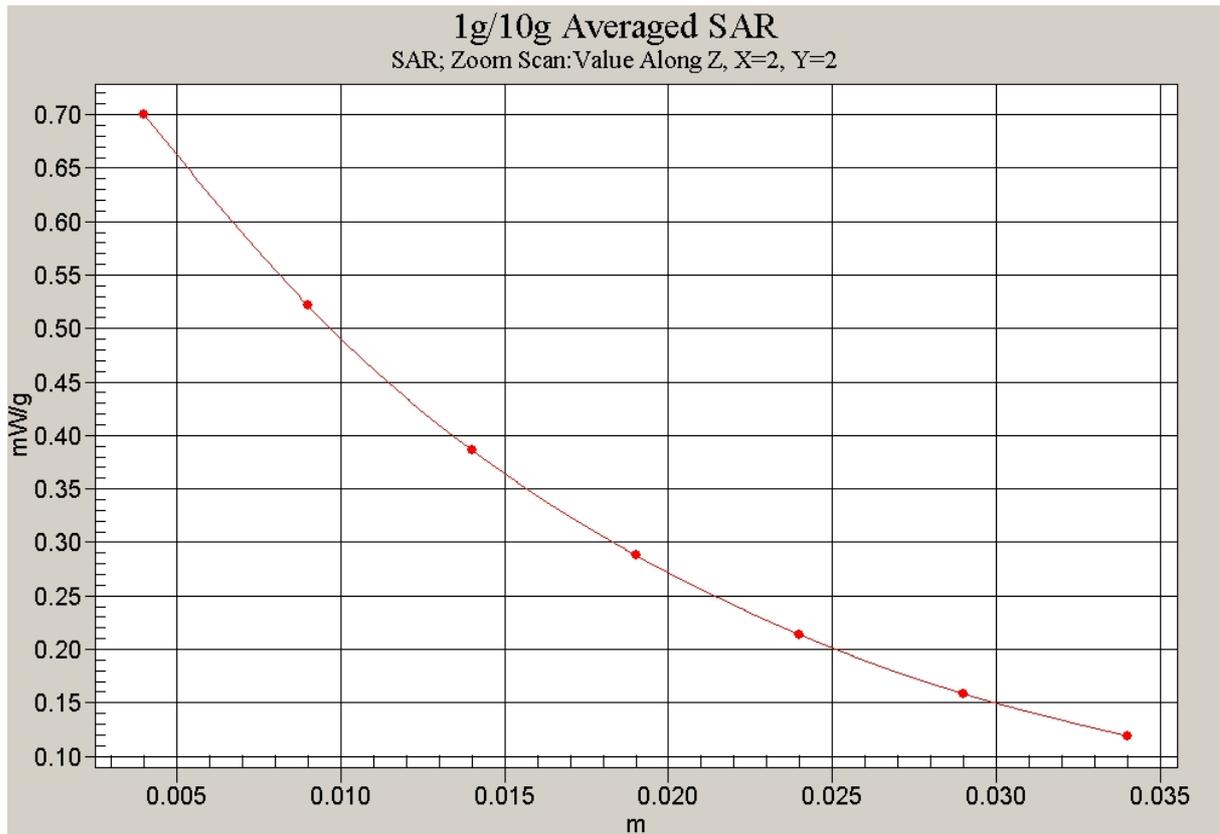**Fig. 73 WCDMA850 MHz, Body, Towards Ground, CH4233 – Slide up**

Fig. 74 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233) – Slide up

WCDMA 1900 Left Cheek High – Slide down

Date/Time: 2009-2-9 6:37:26

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.43 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

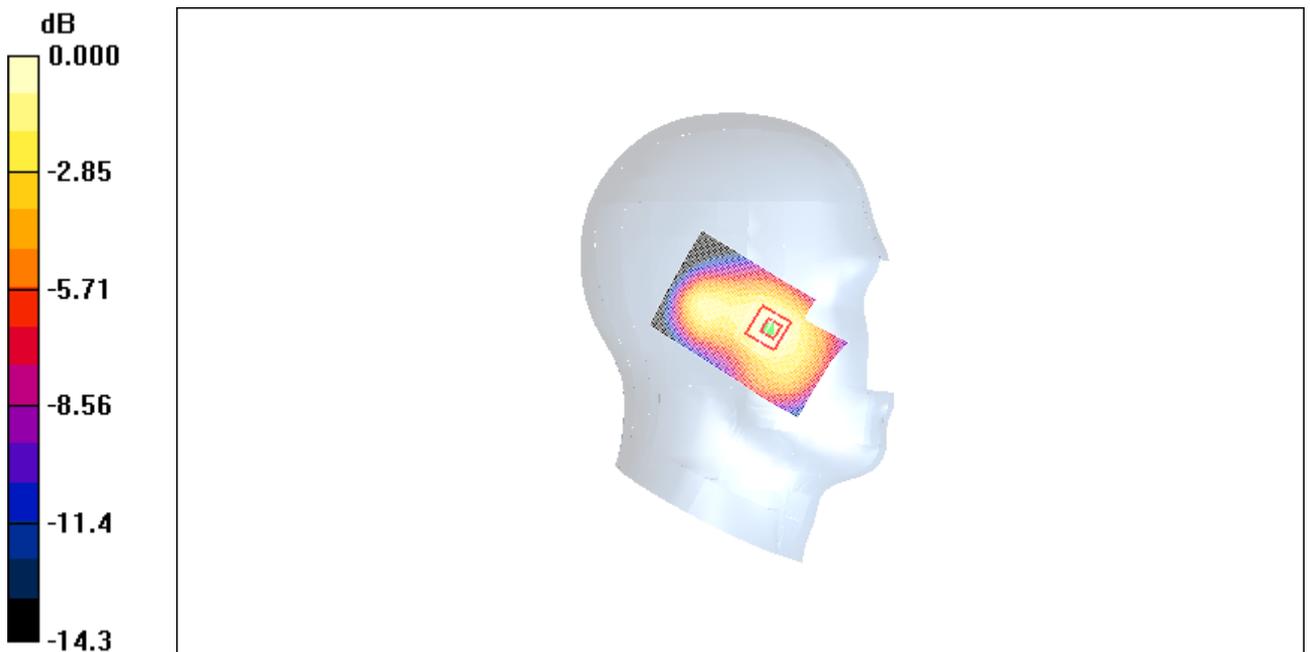Maximum value of SAR (interpolated) = 0.543 mW/g

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

Reference Value = 15.2 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.529 mW/g

0 dB = 0.529mW/g

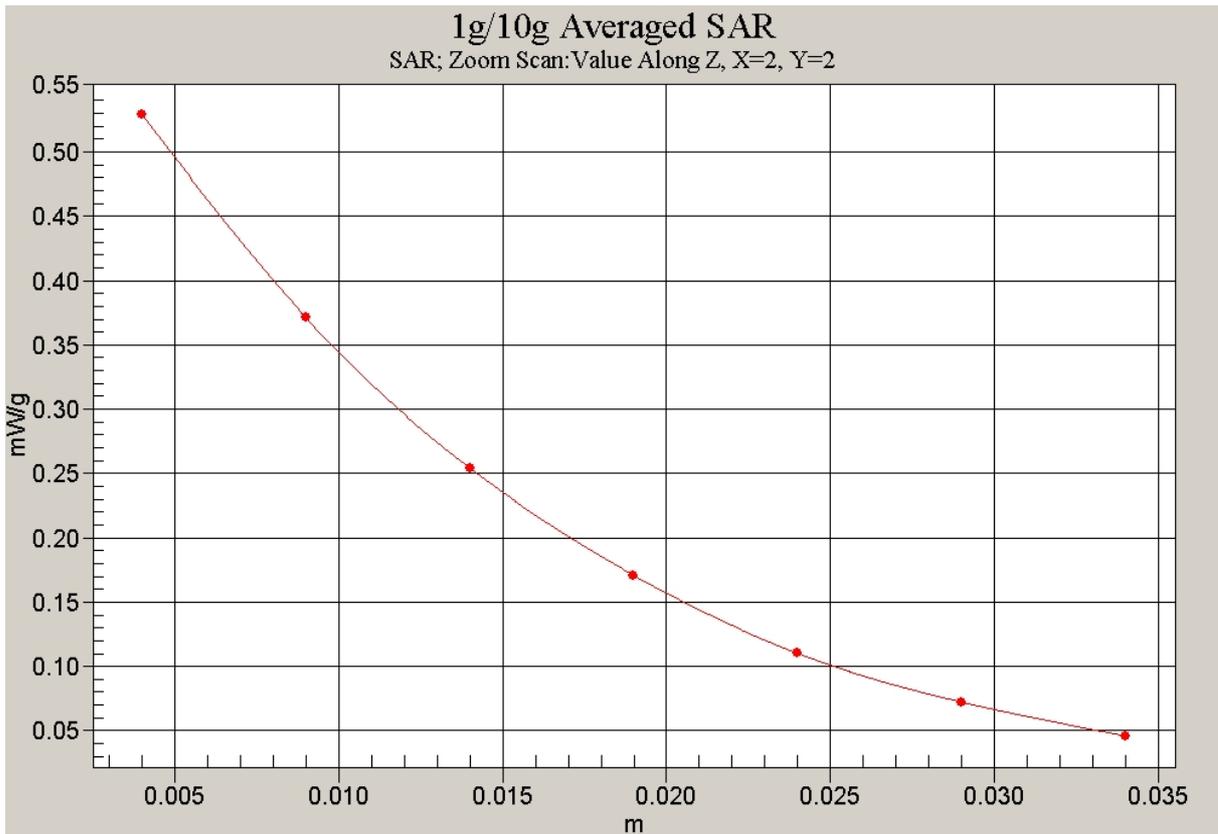**Fig. 75 Left Hand Touch Cheek WCDMA 1900MHz CH9538 – Slide down**

Fig. 76 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide down

WCDMA 1900 Left Cheek Middle – Slide down

Date/Time: 2009-2-9 6:50:03

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

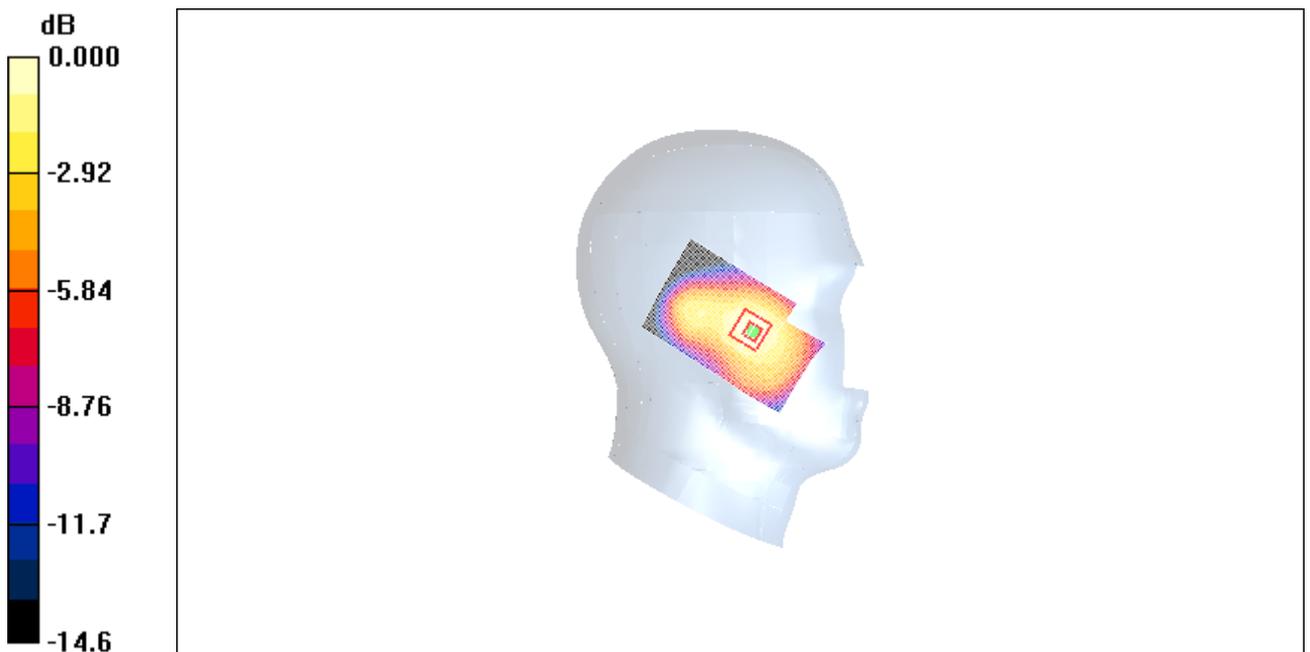Maximum value of SAR (interpolated) = 0.656 mW/g

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

Reference Value = 15.7 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.661 mW/g

0 dB = 0.661mW/g

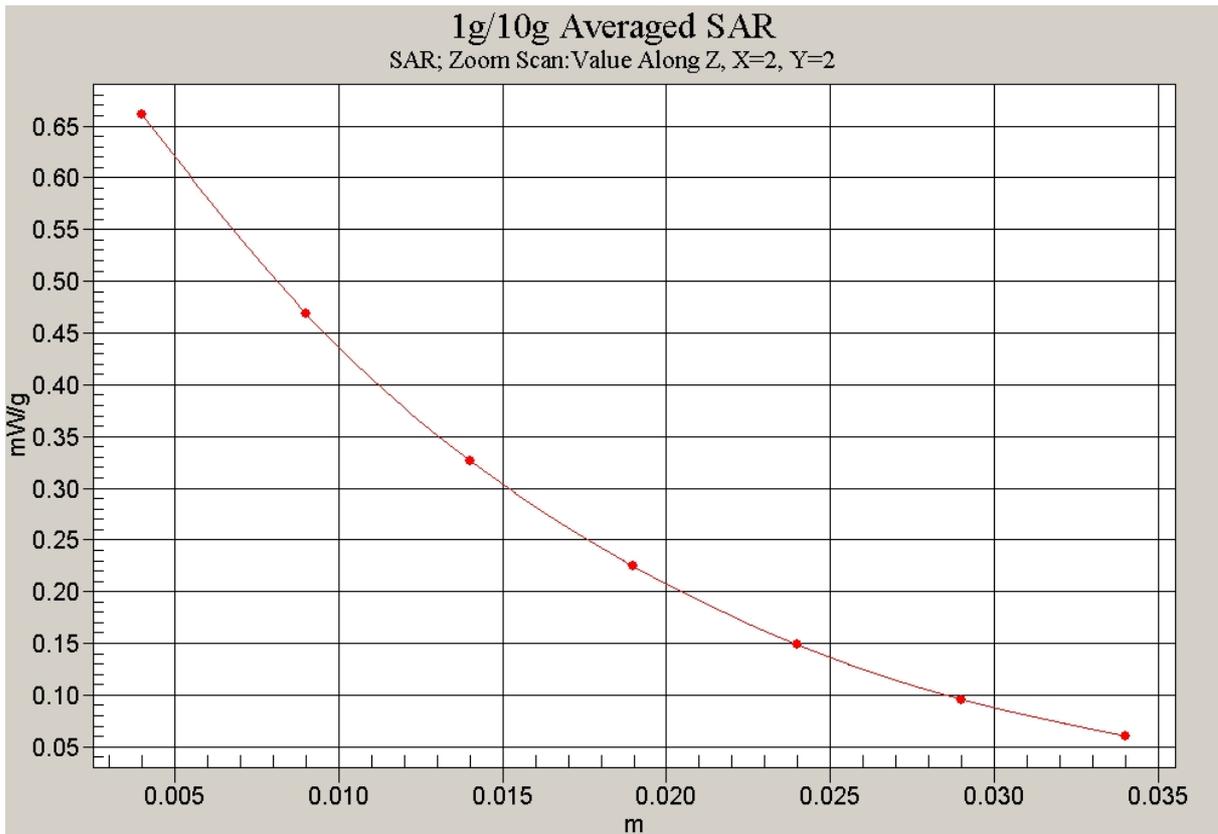**Fig. 77 Left Hand Touch Cheek WCDMA 1900MHz CH9400 – Slide down**

Fig. 78 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide down

WCDMA 1900 Left Cheek Low – Slide down

Date/Time: 2009-2-9 7:03:33

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

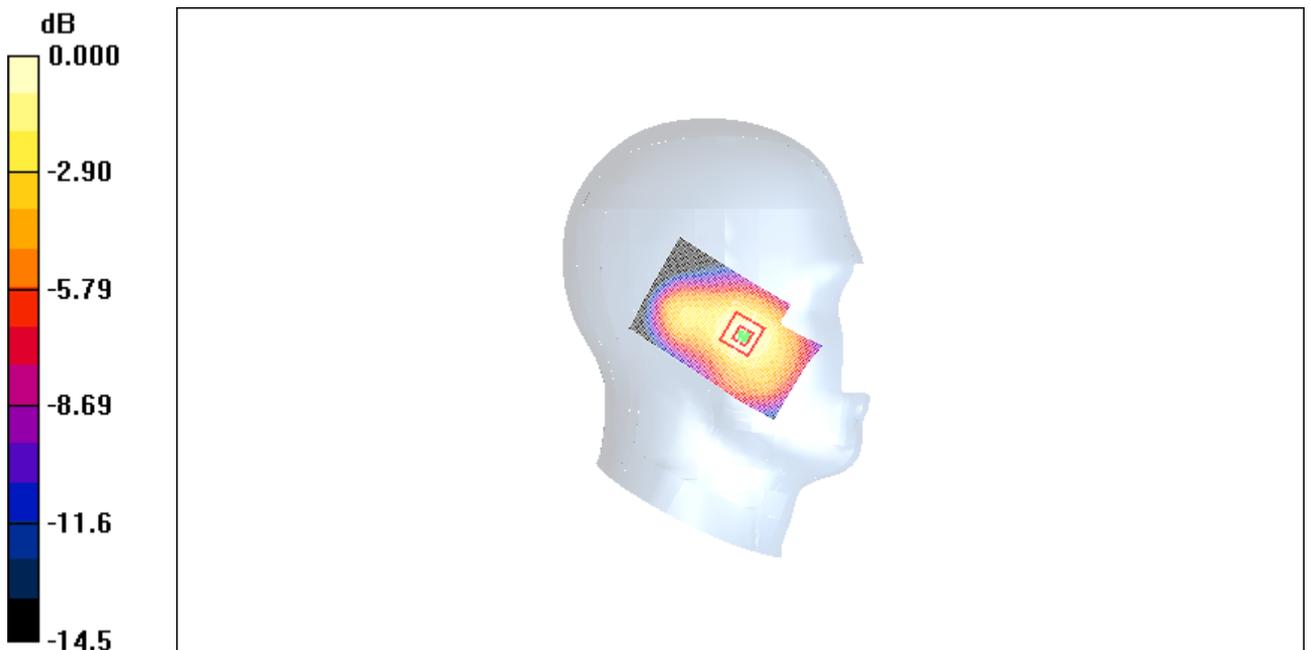Maximum value of SAR (interpolated) = 0.648 mW/g

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

Reference Value = 14.9 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.827 W/kg

SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.648 mW/g

0 dB = 0.648mW/g

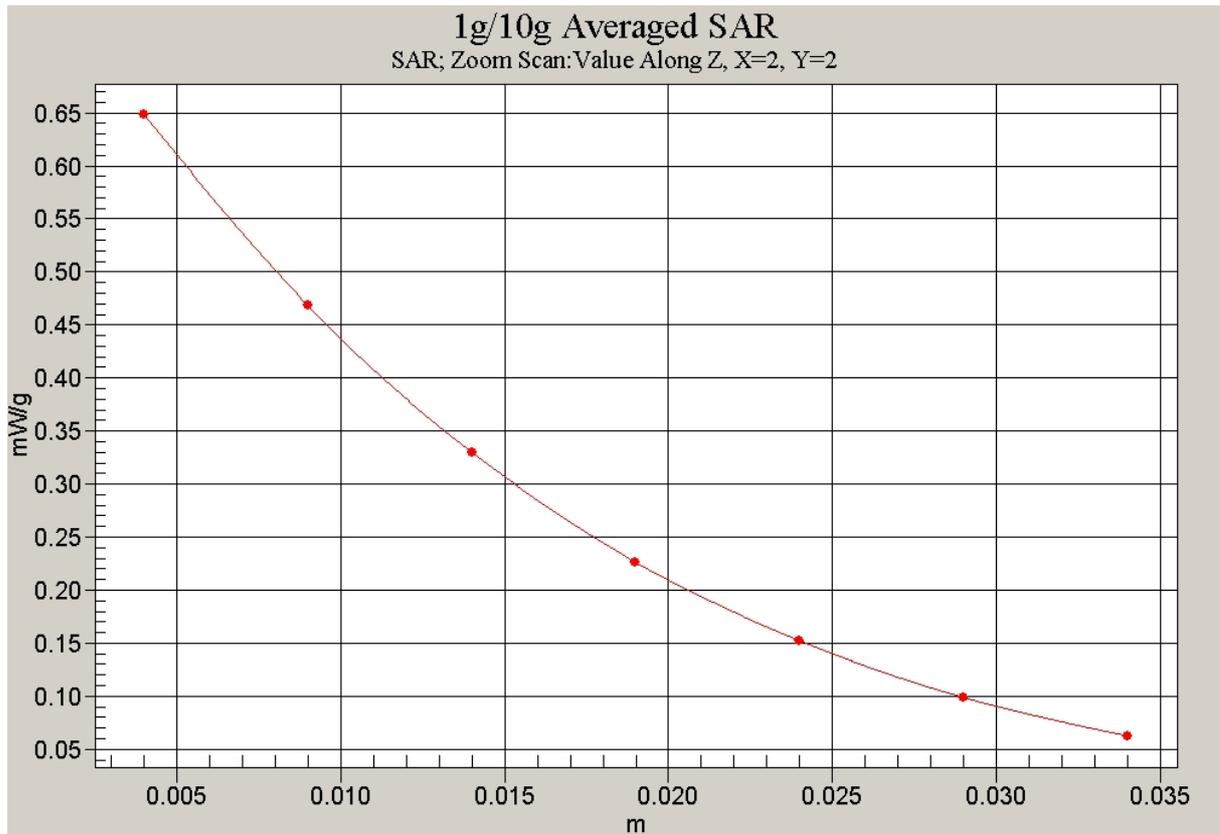**Fig. 79 Left Hand Touch Cheek WCDMA 1900MHz CH9262 – Slide down**

Fig. 80 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide down

WCDMA 1900 Left Tilt High – Slide down

Date/Time: 2009-2-9 7:16:13

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.43 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

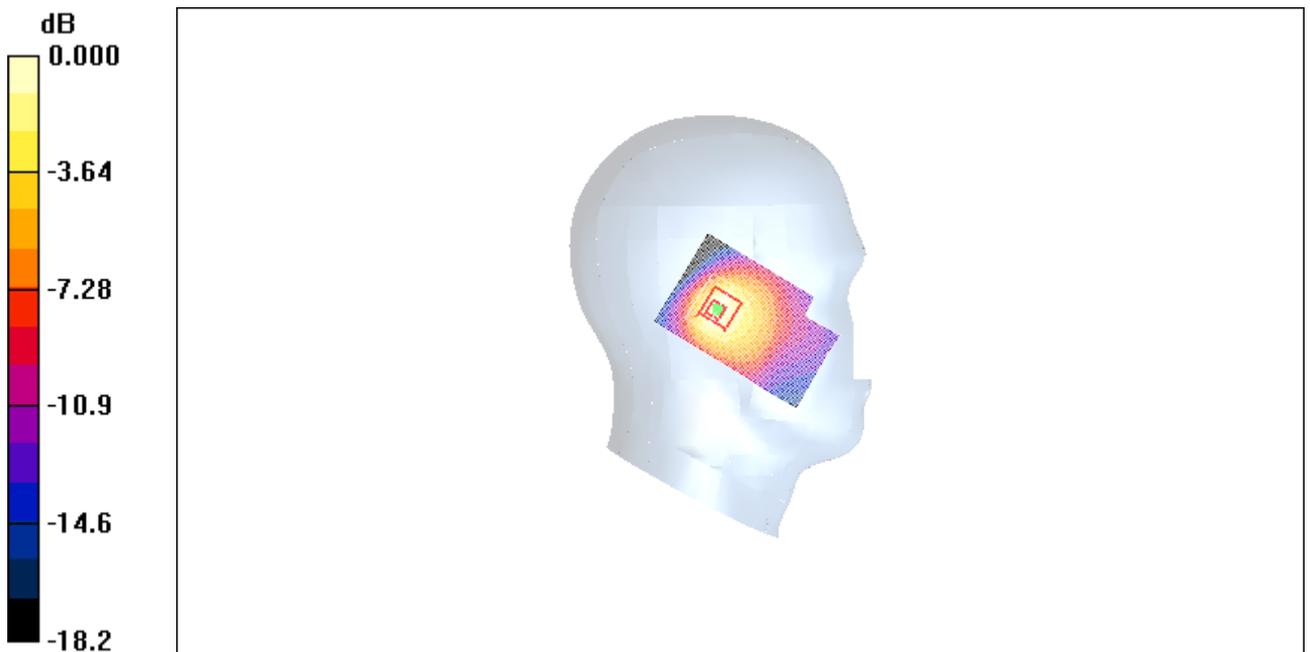Maximum value of SAR (interpolated) = 0.475 mW/g

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

Reference Value = 12.2 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.418 mW/g

0 dB = 0.418mW/g

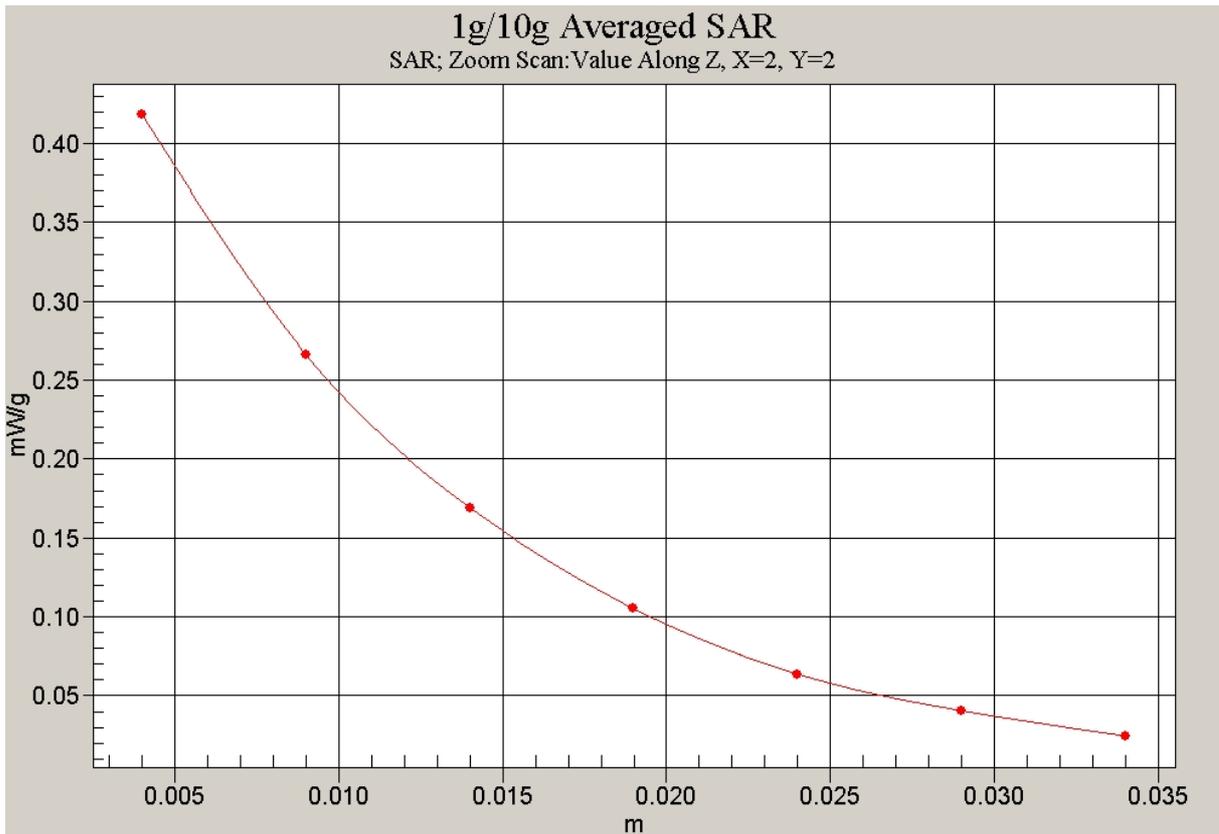**Fig. 81 Left Hand Tilt 15° WCDMA 1900MHz CH9538 – Slide down**

Fig. 82 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide down

WCDMA 1900 Left Tilt Middle – Slide down

Date/Time: 2009-2-9 7:29:45

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

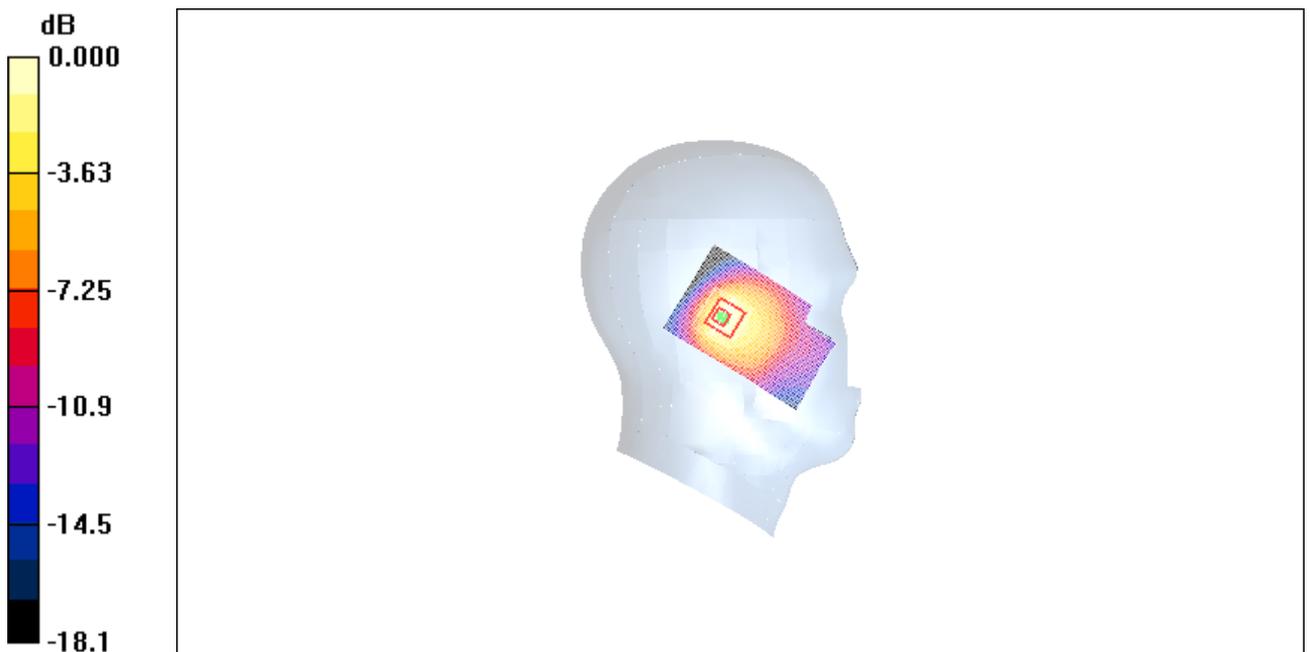Maximum value of SAR (interpolated) = 0.519 mW/g

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

Reference Value = 12.4 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.455 mW/g

0 dB = 0.455mW/g

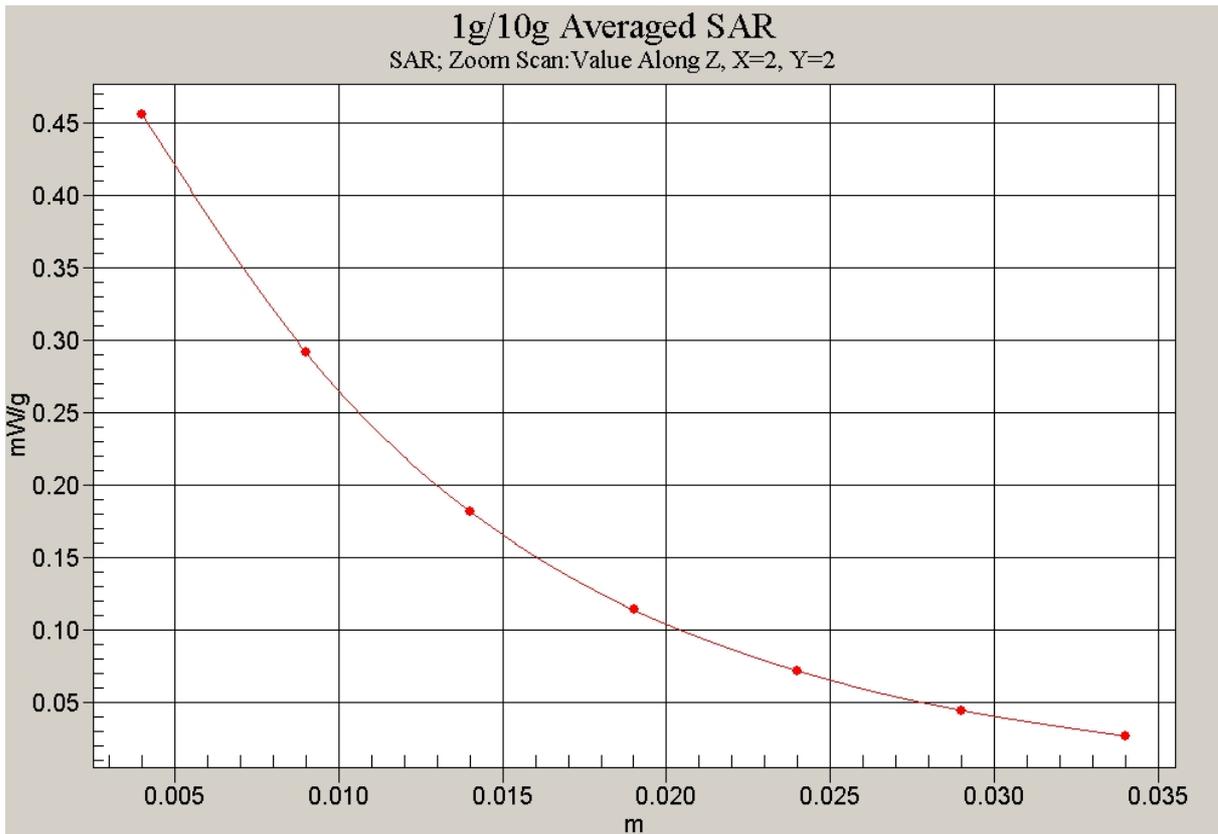**Fig. 83 Left Hand Tilt 15°WCDMA 1900MHz CH9400 – Slide down**

Fig. 84 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide down

WCDMA 1900 Left Tilt Low – Slide down

Date/Time: 2009-2-9 7:42:12

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

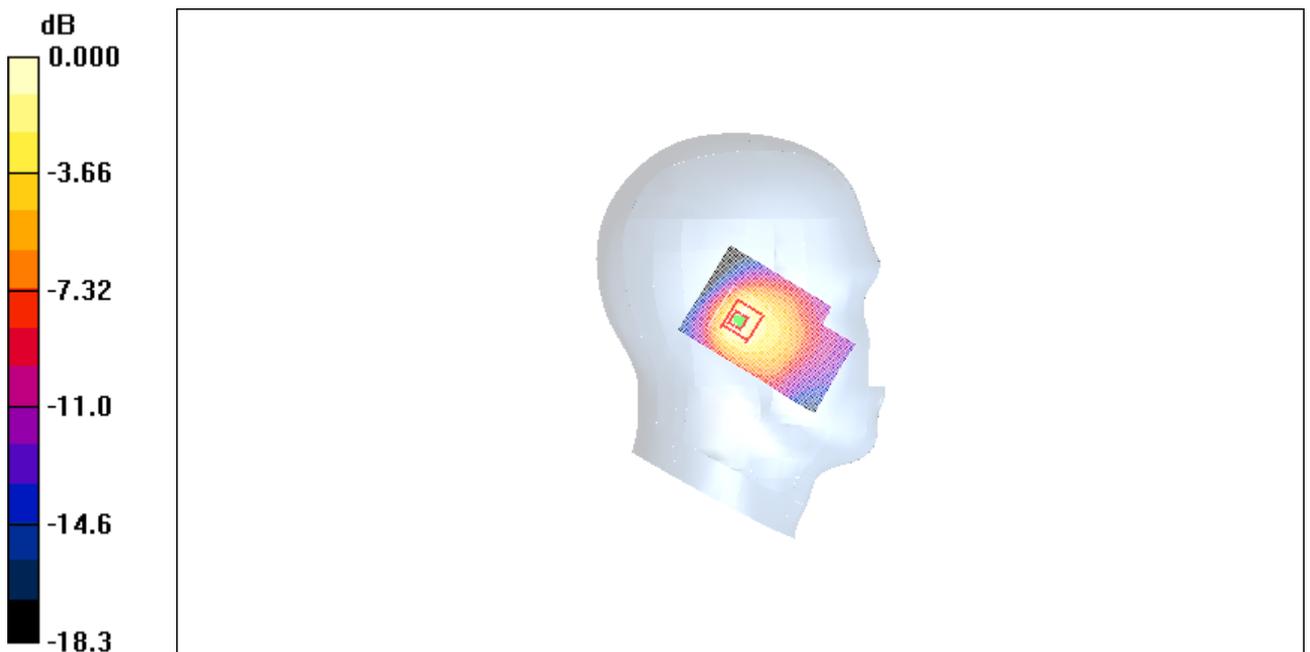Maximum value of SAR (interpolated) = 0.447 mW/g

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

Reference Value = 11.2 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.405 mW/g

0 dB = 0.405mW/g

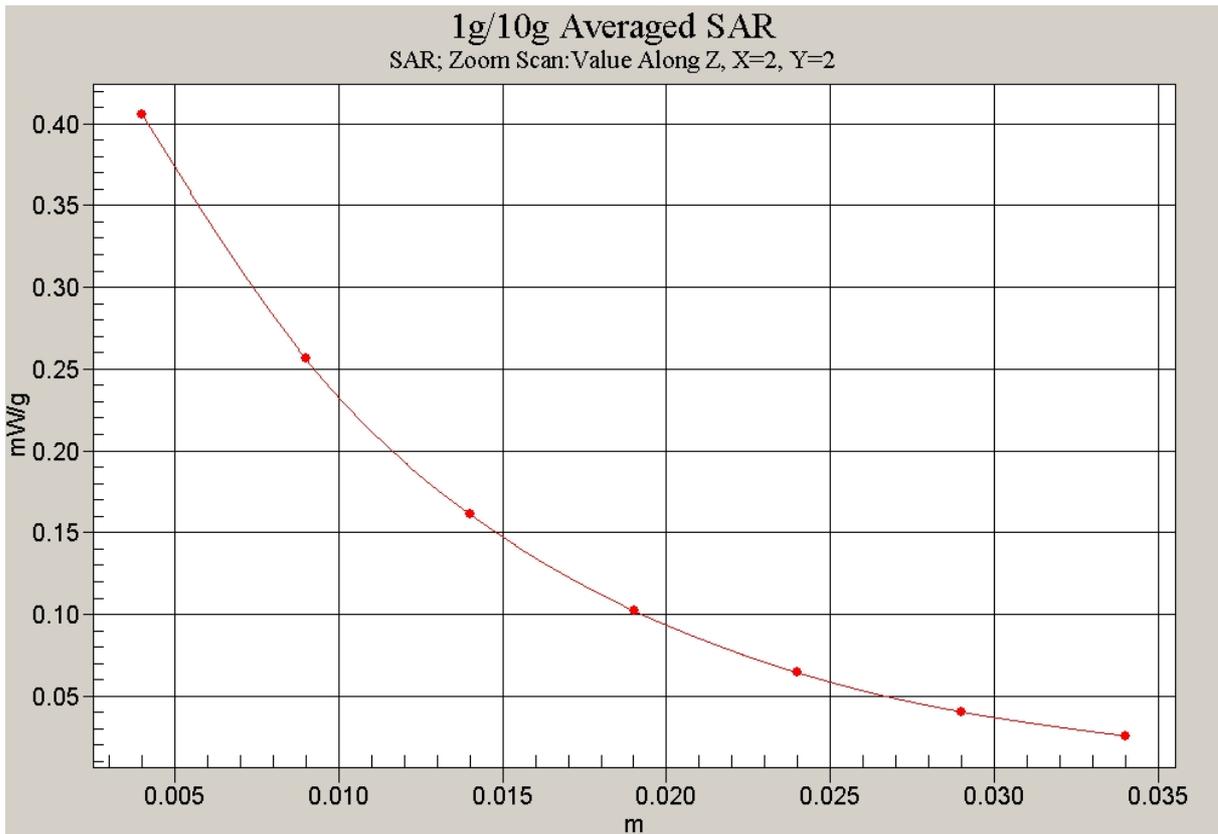**Fig. 85 Left Hand Tilt 15° WCDMA 1900MHz CH9262 – SIdie down**

Fig. 86 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide down

WCDMA 1900 Right Cheek High – Slide down

Date/Time: 2009-2-9 7:55:16

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.43 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

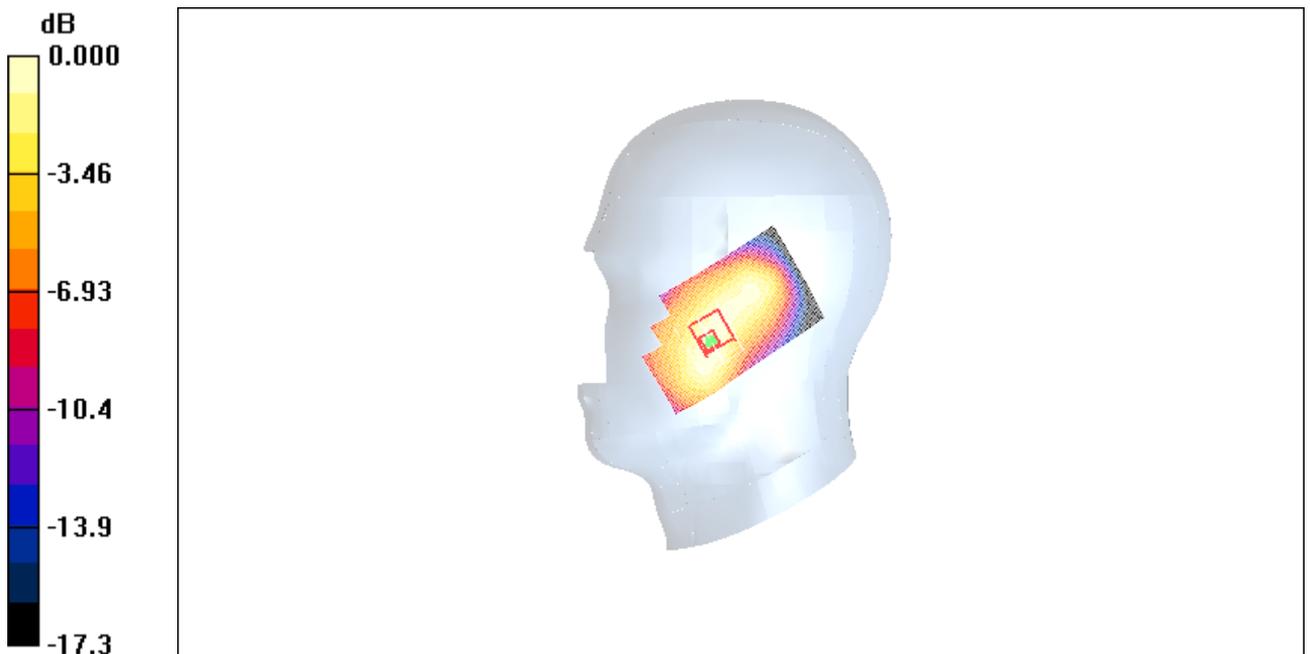Maximum value of SAR (interpolated) = 0.512 mW/g

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

Reference Value = 12.1 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.687 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.502 mW/g

0 dB = 0.502mW/g

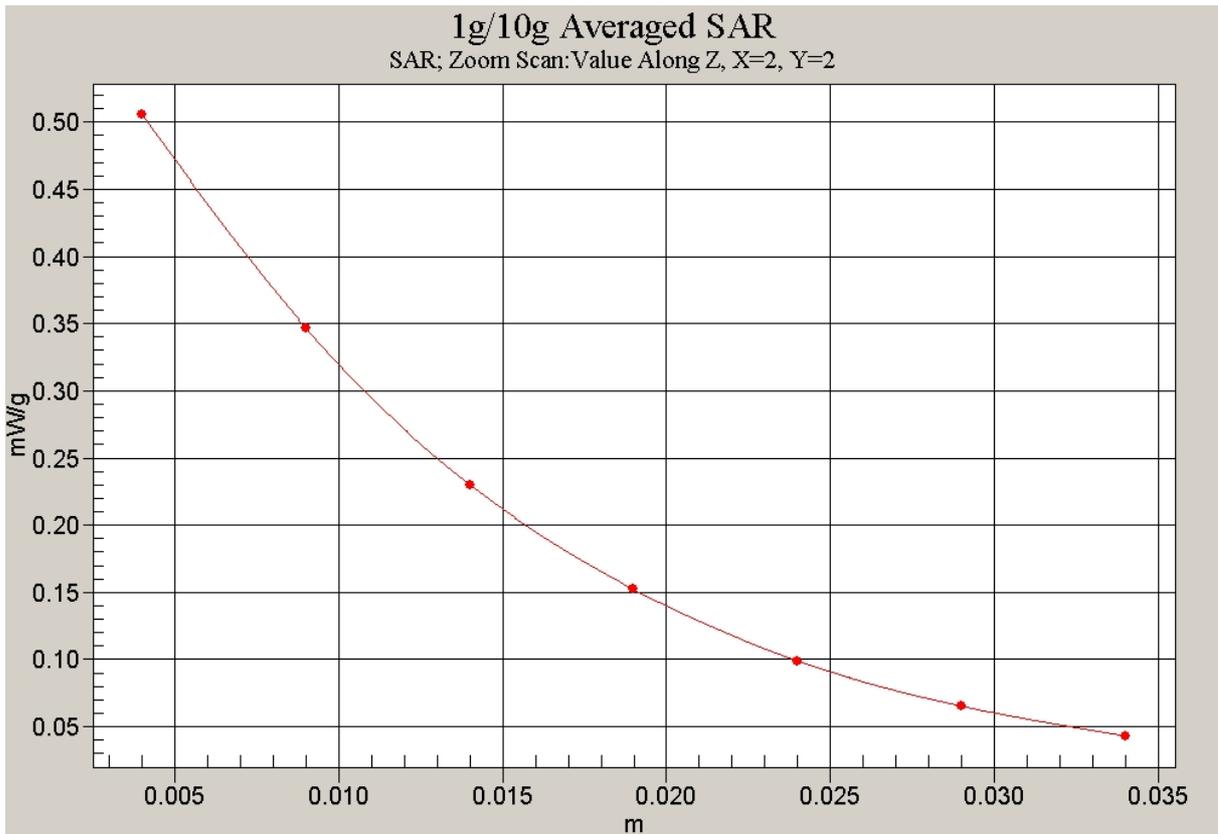**Fig. 87 Right Hand Touch Cheek WCDMA 1900MHz CH9538 – Slide down**

Fig. 88 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide down

WCDMA 1900 Right Cheek Middle – Slide down

Date/Time: 2009-2-9 8:08:22

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.629 mW/g

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

Reference Value = 13.4 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.828 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.357 mW/g
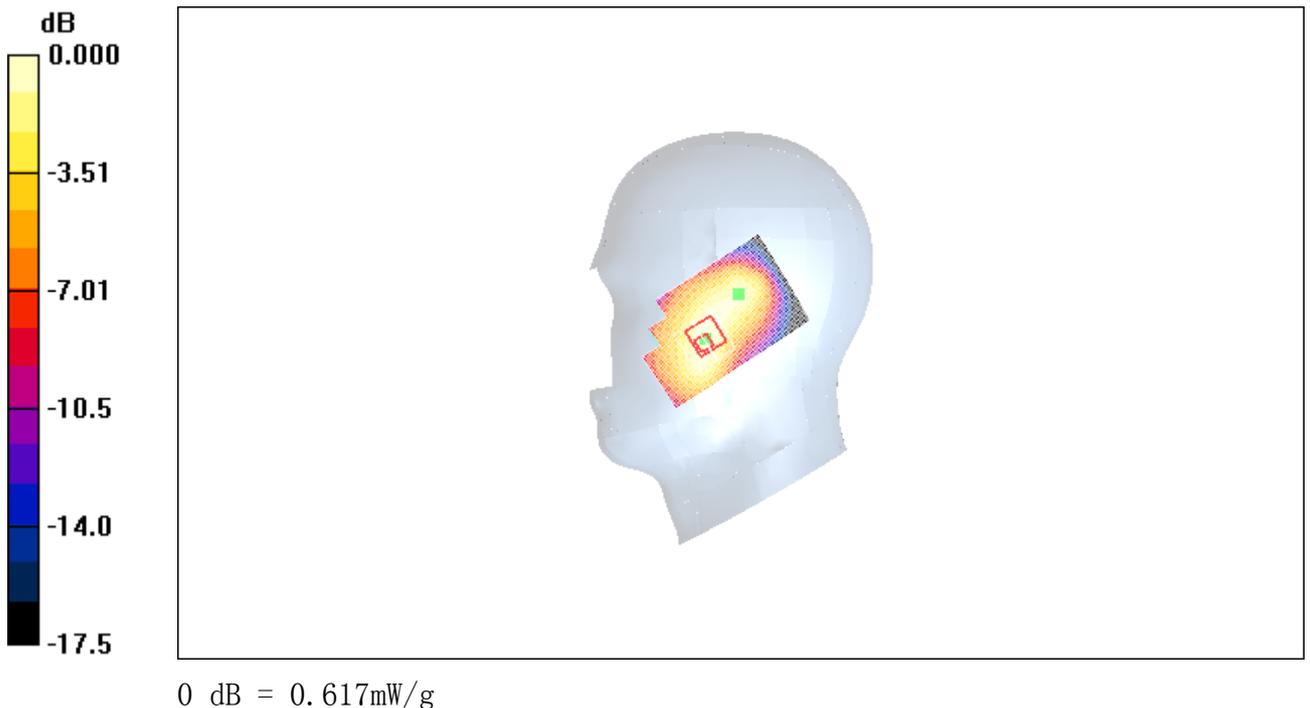
Maximum value of SAR (measured) = 0.617 mW/g

0 dB = 0.617mW/g

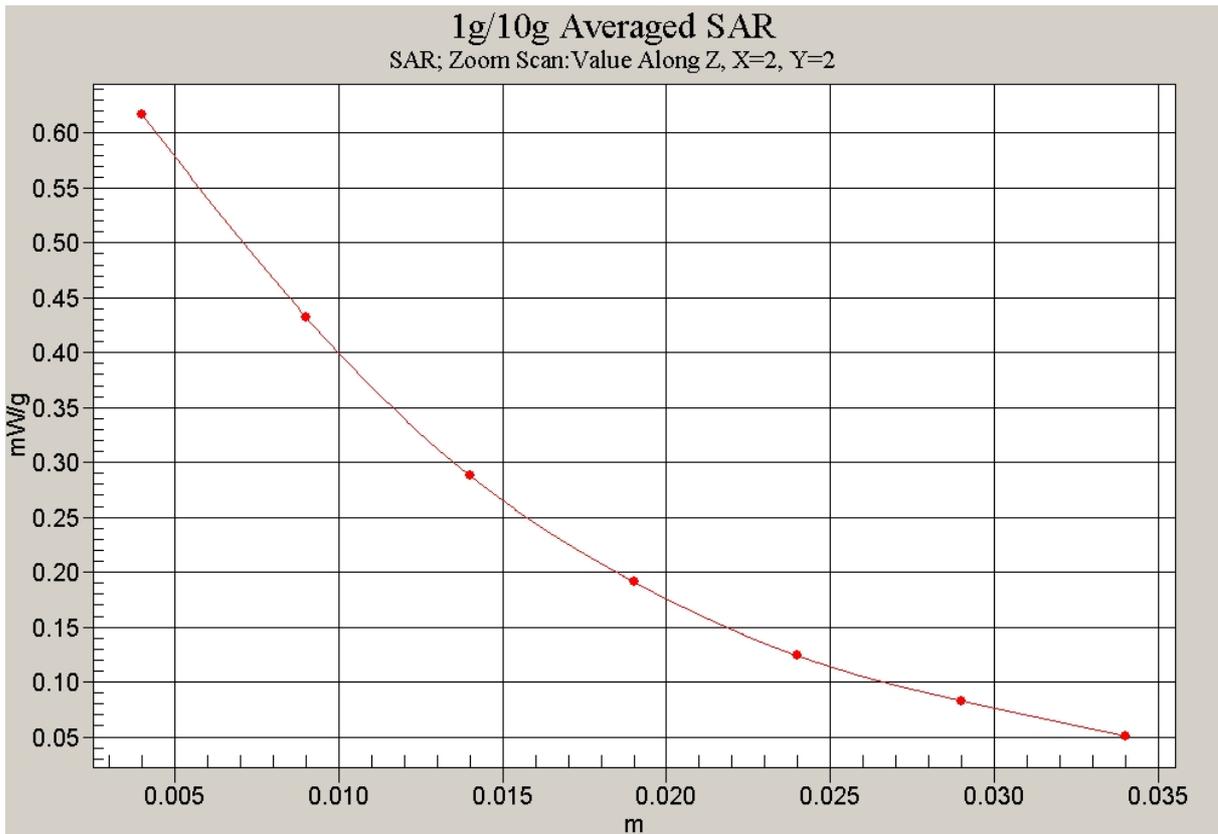**Fig.89 Right Hand Touch Cheek WCDMA 1900MHz CH9400 – Slide down**

Fig. 90 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide down

WCDMA 1900 Right Cheek Low – Slide down

Date/Time: 2009-2-9 8:21:16

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Maximum value of SAR (interpolated) = 0.588 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.339 mW/g
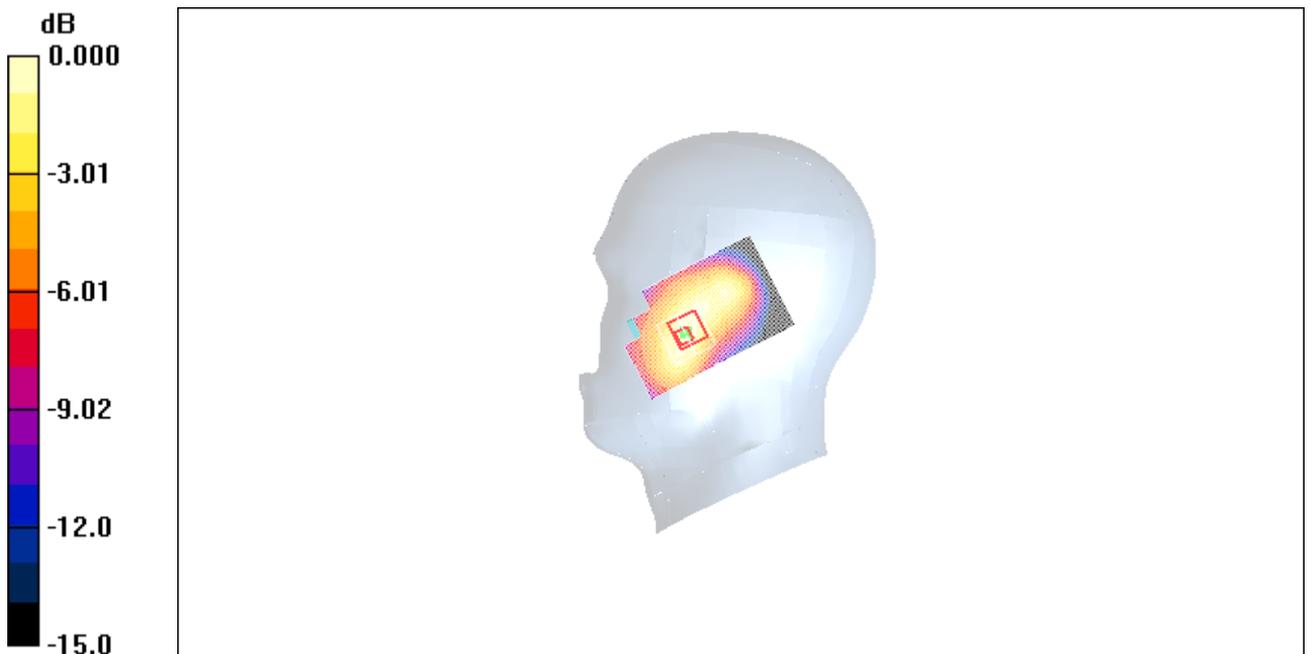
Maximum value of SAR (measured) = 0.583 mW/g

0 dB = 0.583mW/g

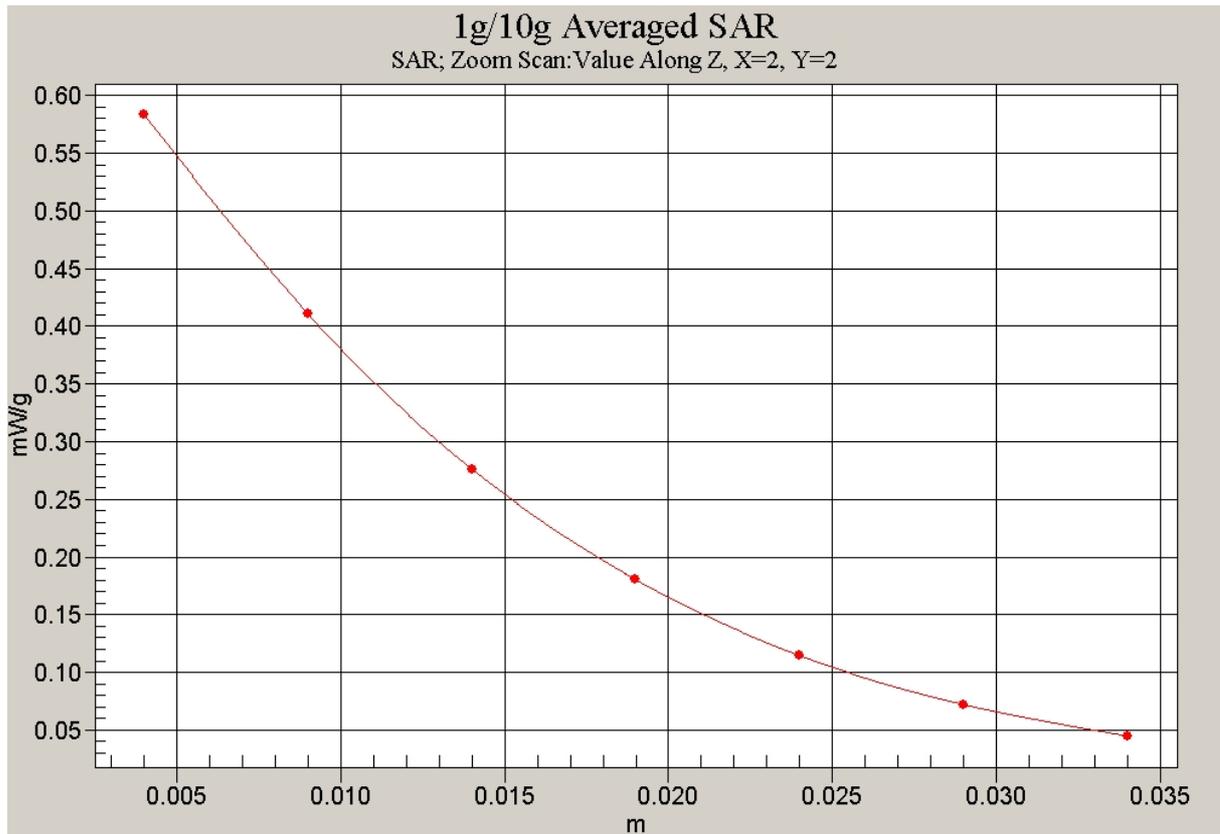**Fig. 91 Right Hand Touch Cheek WCDMA 1900MHz CH9262 – Slide down**

Fig. 92 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide down

WCDMA 1900 Right Tilt High – Slide down

Date/Time: 2009-2-9 8:34:03

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.43 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3

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

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

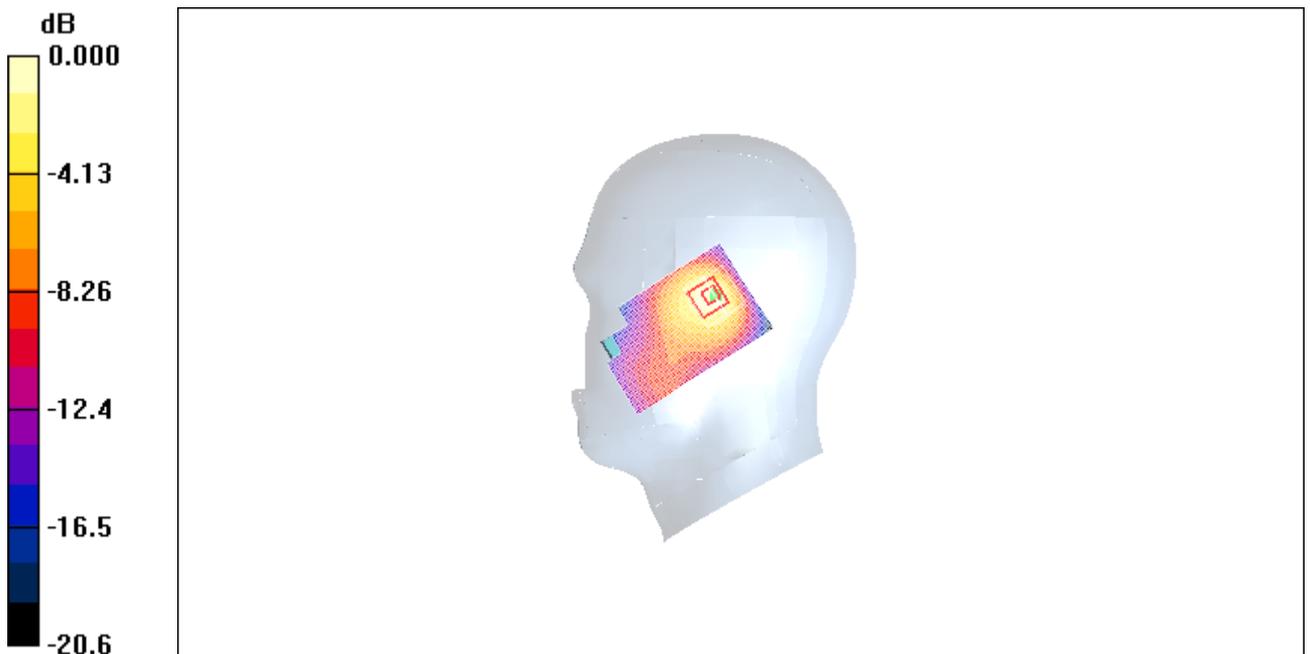Maximum value of SAR (interpolated) = 0.490 mW/g

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

Reference Value = 16.0 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.502 mW/g

0 dB = 0.502mW/g

Fig. 93 Right Hand Tilt 15°WCDMA 1900MHz CH9538 – Slide down