Fig. 22 Z-Scan at power reference point (WCDMA 850MHz CH4182)

WCDMA 850 Right Tilt Low
Date/Time: 2007-11-13 11:00:58
Electronics: DAE4 Sn777
Medium: 850 Head
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.897 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: 826.4 MHz Duty Cycle: 1:1
Probe: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Tilt Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
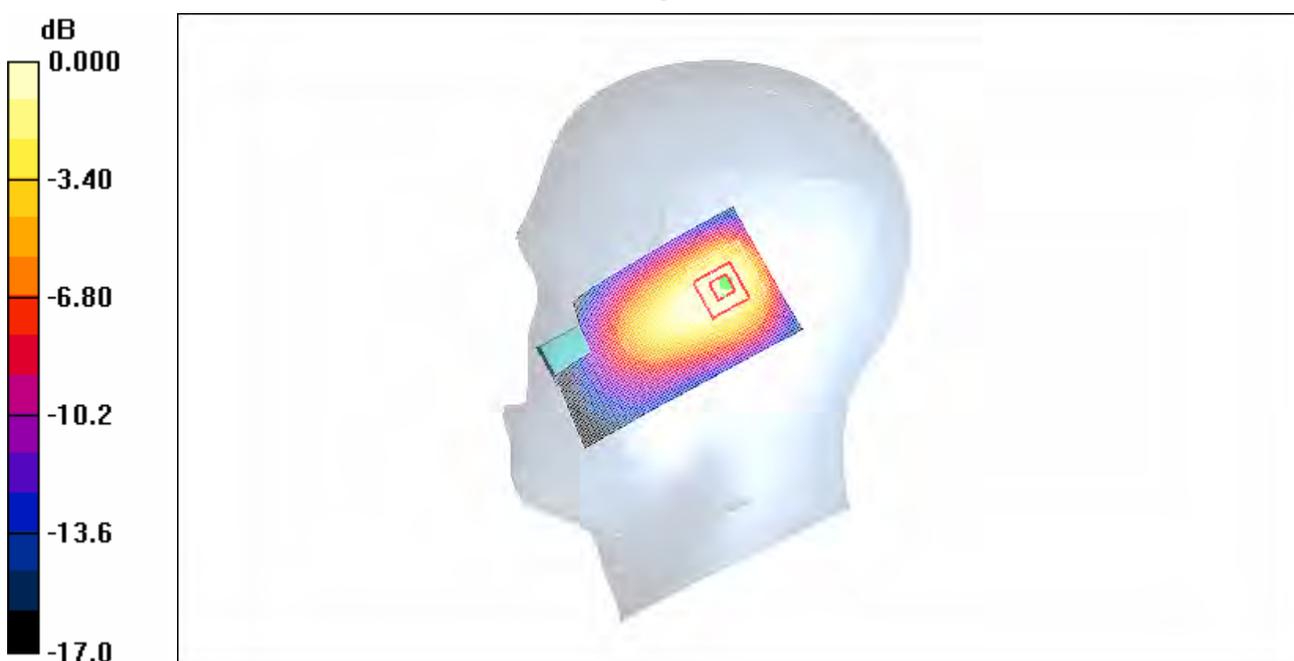Maximum value of SAR (interpolated) = 0.848 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.9 V/m; Power Drift = 0.060 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.771 mW/g

0 dB = 0.771mW/g

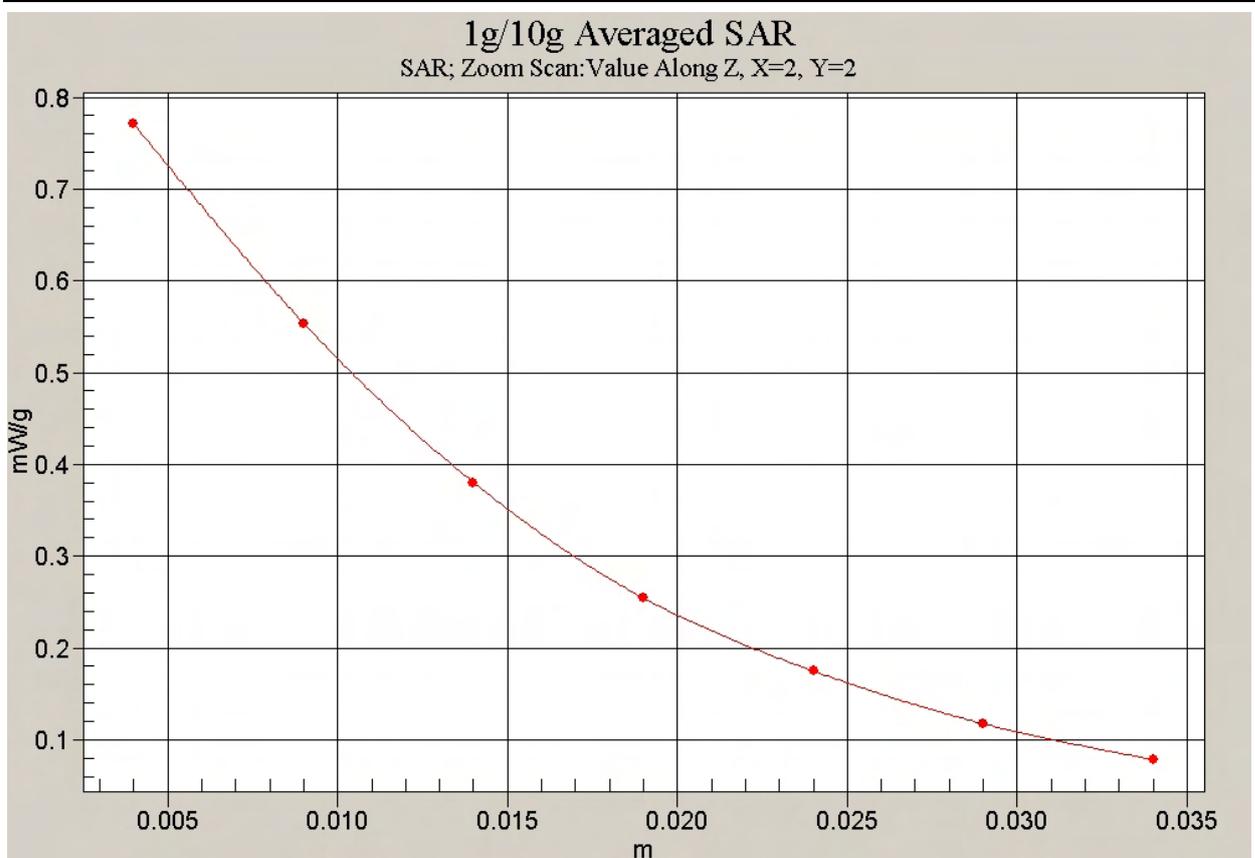**Fig. 23 Right Hand Tilt 15°WCDMA 850MHz CH4132**

Fig. 24 Z-Scan at power reference point (WCDMA 850MHz CH4132)

WCDMA 850 Body Toward Ground High

Date/Time: 2007-11-13 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

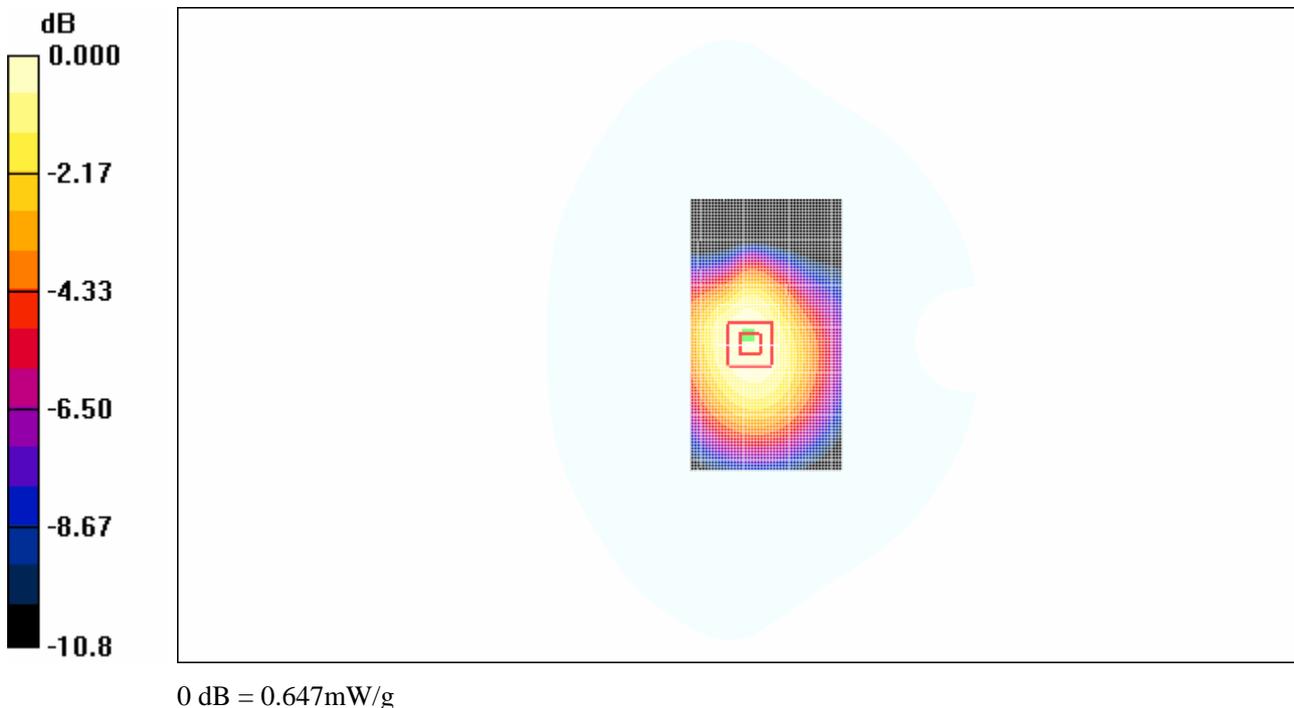Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.652 mW/g

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

Reference Value = 26.0 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 0.647 mW/g

0 dB = 0.647mW/g

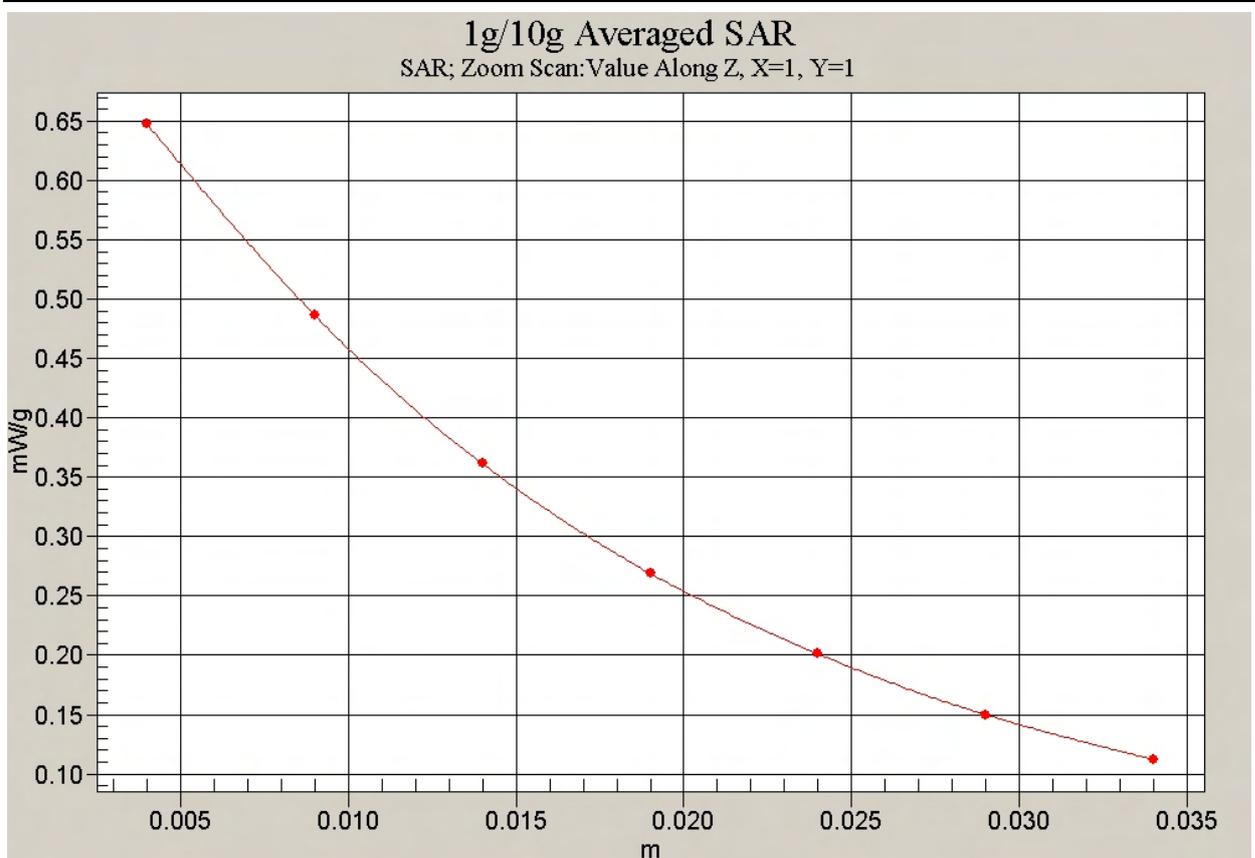**Fig. 25 WCDMA850 MHz, Body, Towards Ground, CH4233**

Fig. 26 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233)

WCDMA 850 Body Toward Ground Middle

Date/Time: 2007-11-13 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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.712 mW/g

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

Reference Value = 27.2 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.486 mW/g

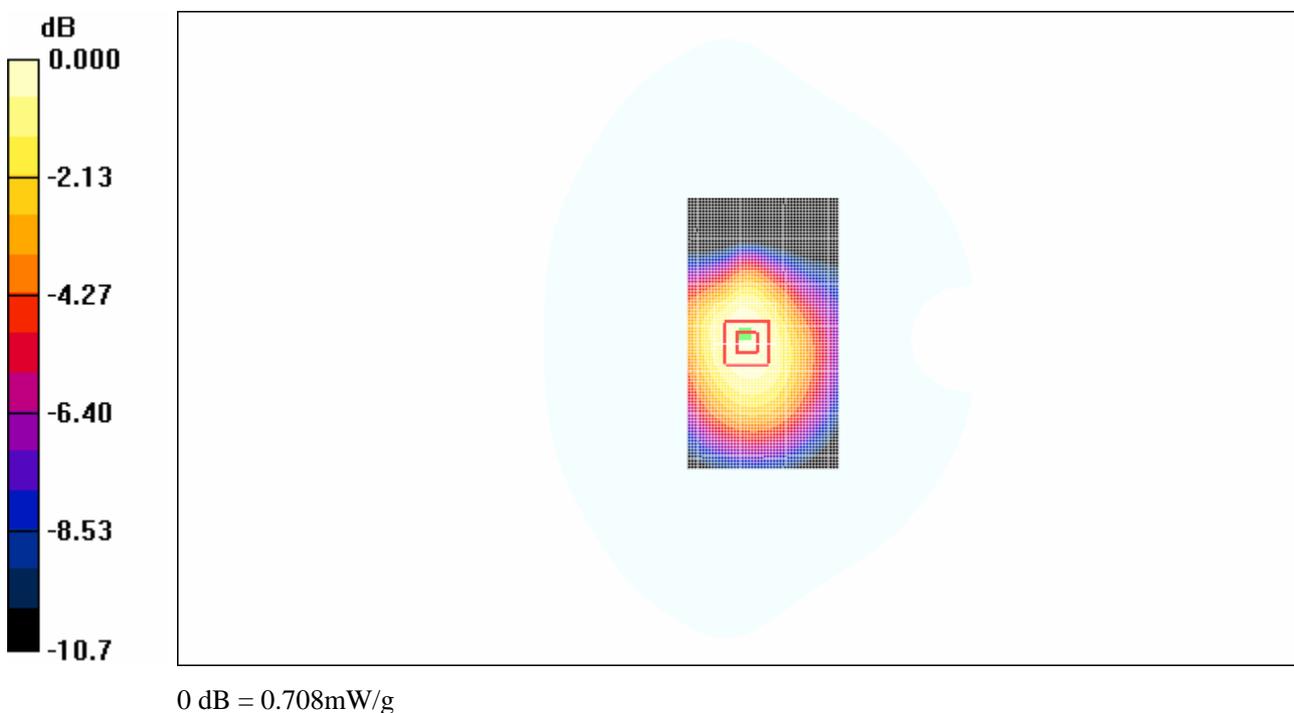Maximum value of SAR (measured) = 0.708 mW/g

0 dB = 0.708mW/g

Fig. 27 WCDMA850 MHz, Body, Towards Ground, CH4182
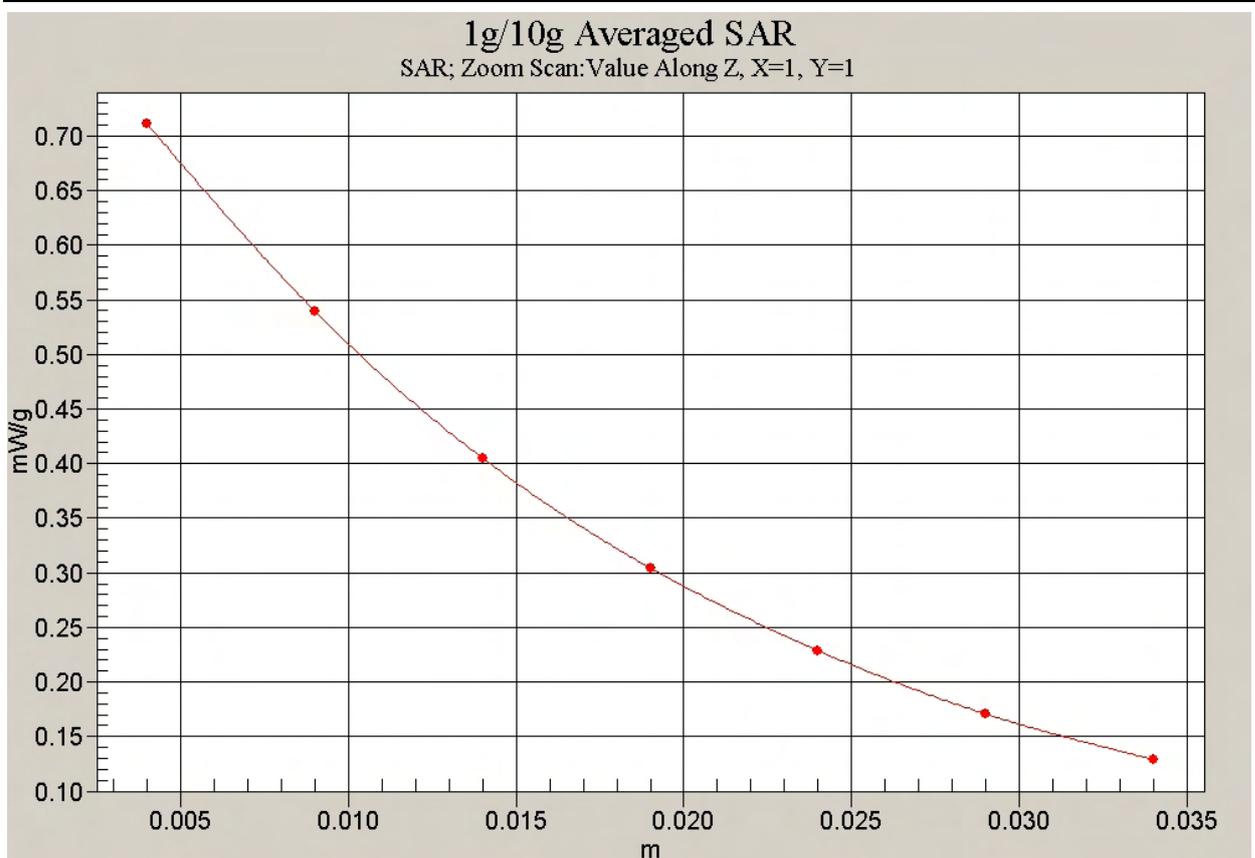
Fig. 28 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4182)

WCDMA 850 Body Toward Ground Low
Date/Time: 2007-11-13 11:33:42
Electronics: DAE4 Sn777
Medium: 850 Body
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.961 mho/m; ε_r = 55.1; 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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.571 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.380 mW/g
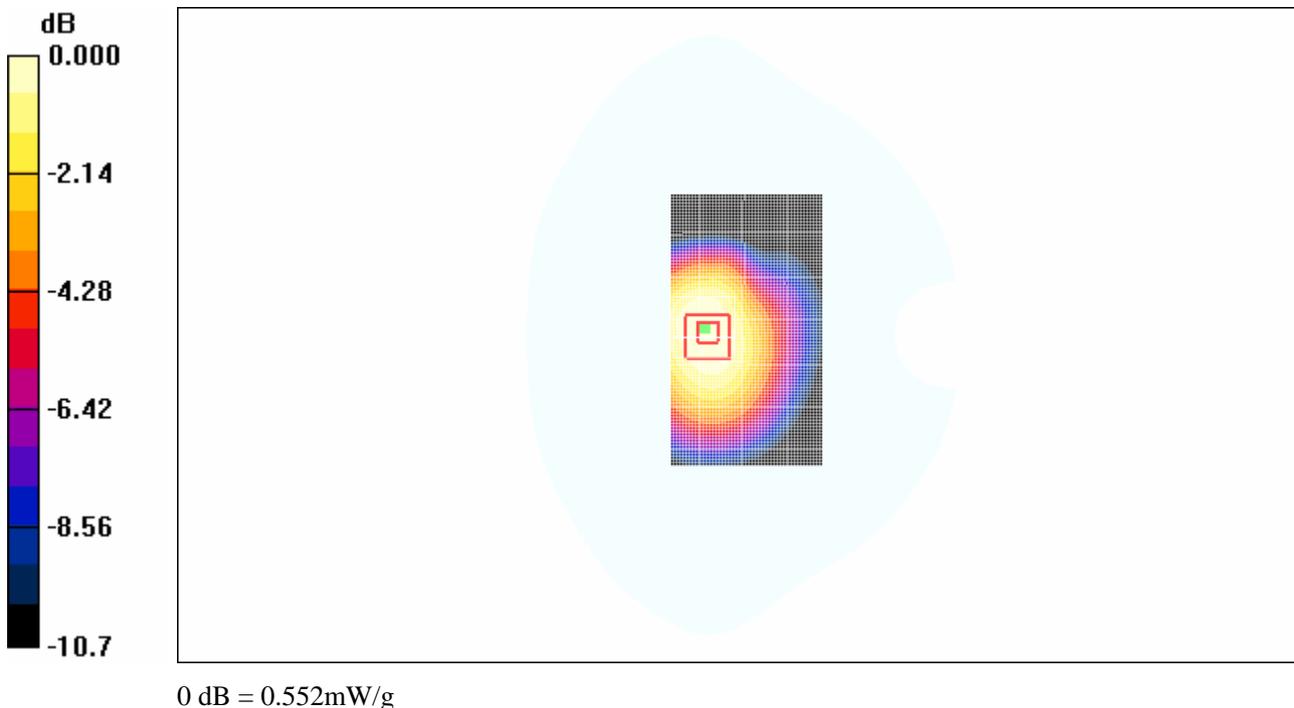Maximum value of SAR (measured) = 0.552 mW/g

0 dB = 0.552mW/g

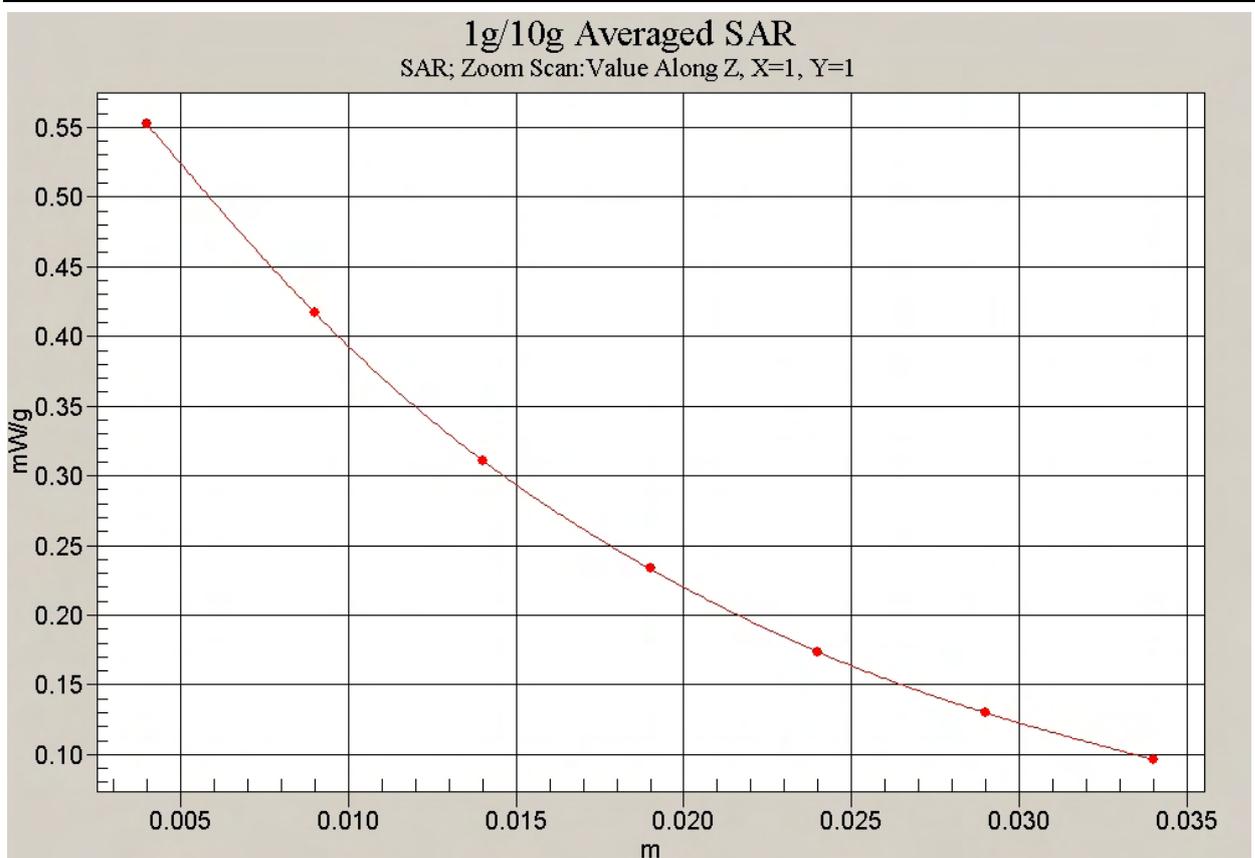**Fig. 29 WCDMA850 MHz, Body, Towards Ground, CH4132**

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

WCDMA 850 Body Toward Phantom High

Date/Time: 2007-11-13 13:01:26

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.98$ mho/m; $\varepsilon_r = 55$; $\rho = 1000$ 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

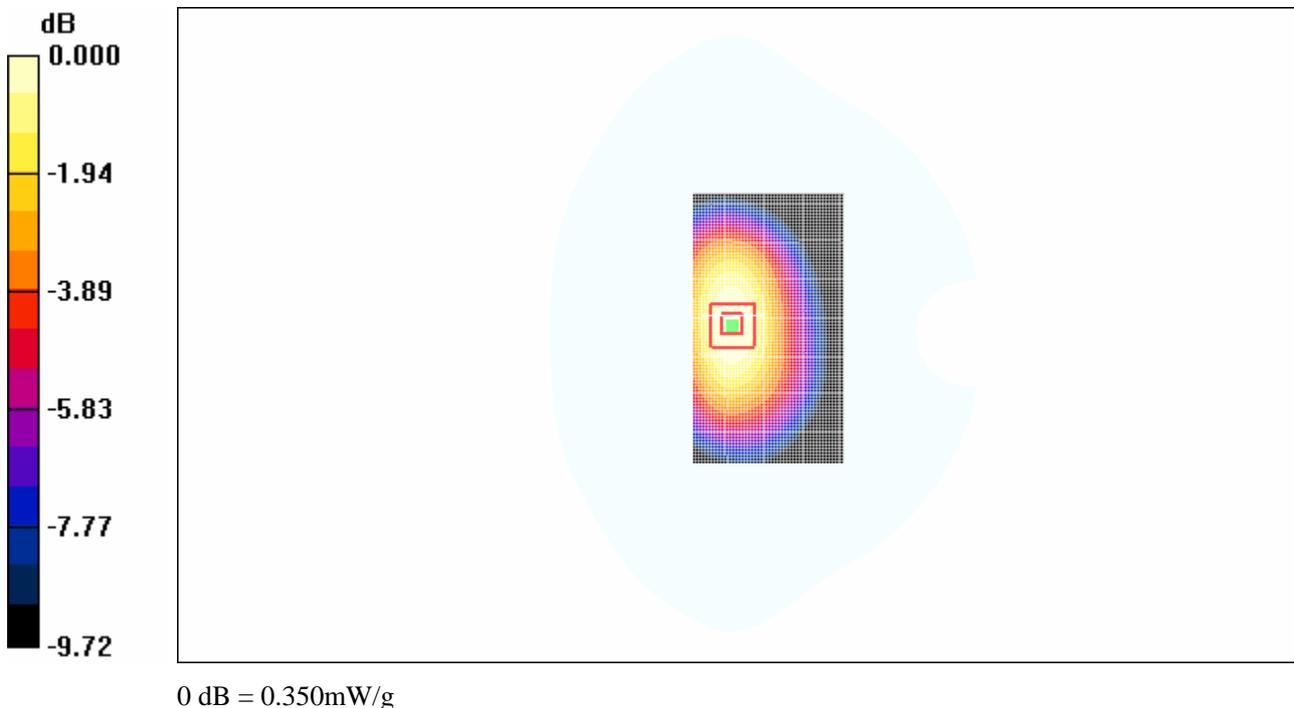Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.362 mW/g

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

Reference Value = 16.0 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.350 mW/g

0 dB = 0.350mW/g

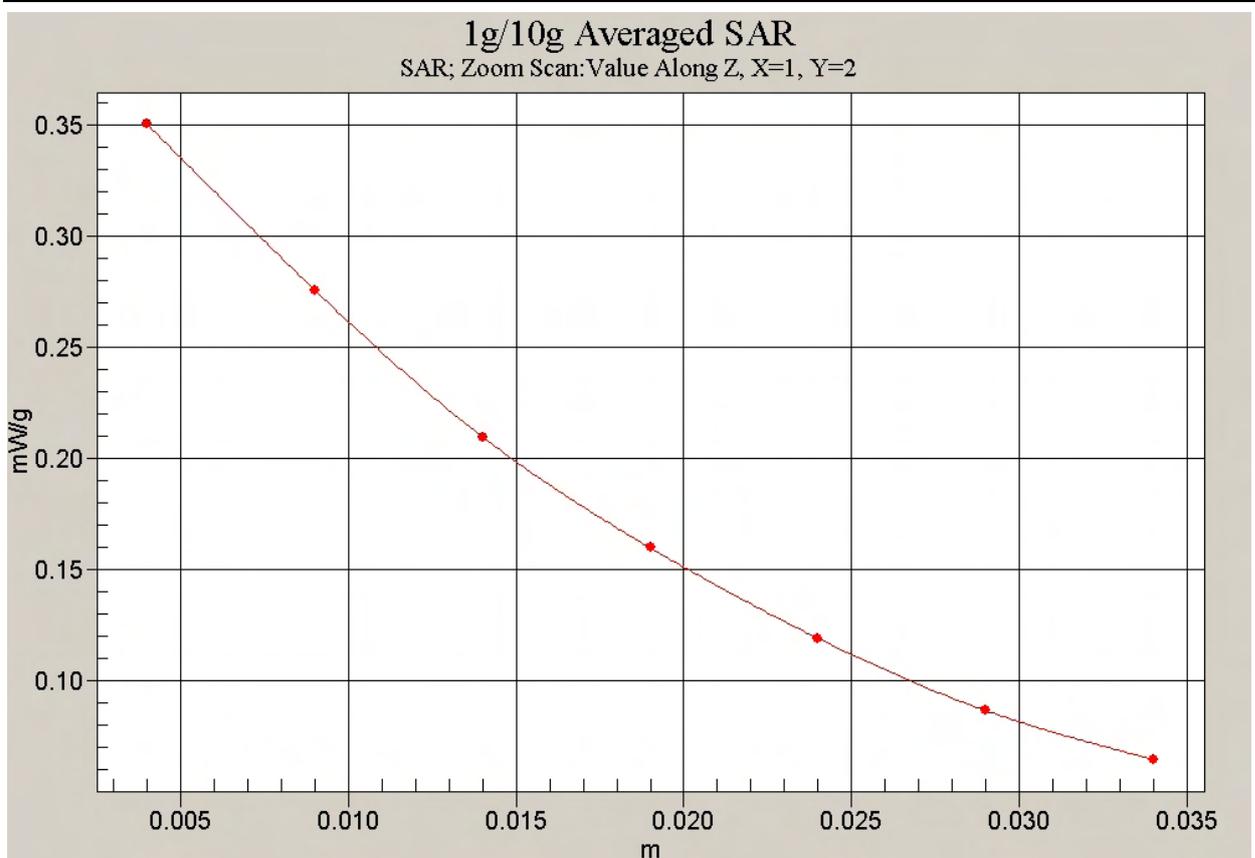**Fig. 31 WCDMA850 MHz, Body, Towards Phantom, CH4233**

Fig. 32 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4233)

WCDMA 850 Body Toward Phantom Middle

Date/Time: 2007-11-13 13:13:13

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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

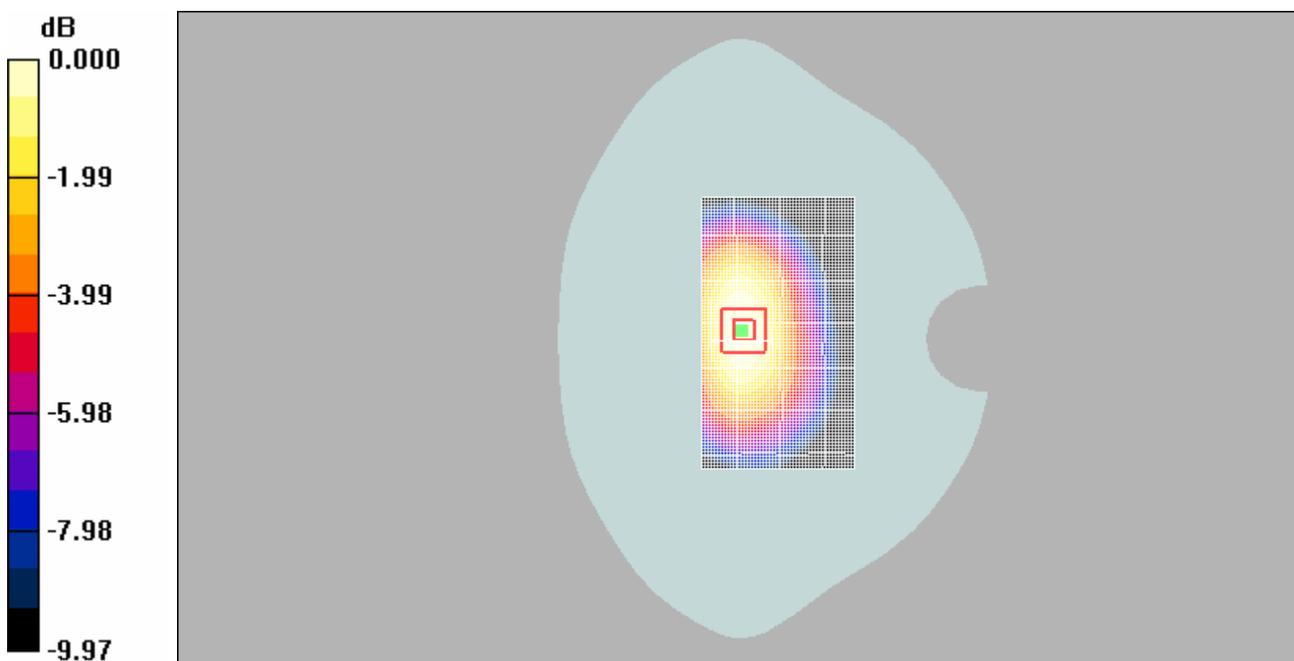Maximum value of SAR (interpolated) = 0.367 mW/g

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

Reference Value = 16.6 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.358 mW/g

0 dB = 0.358mW/g

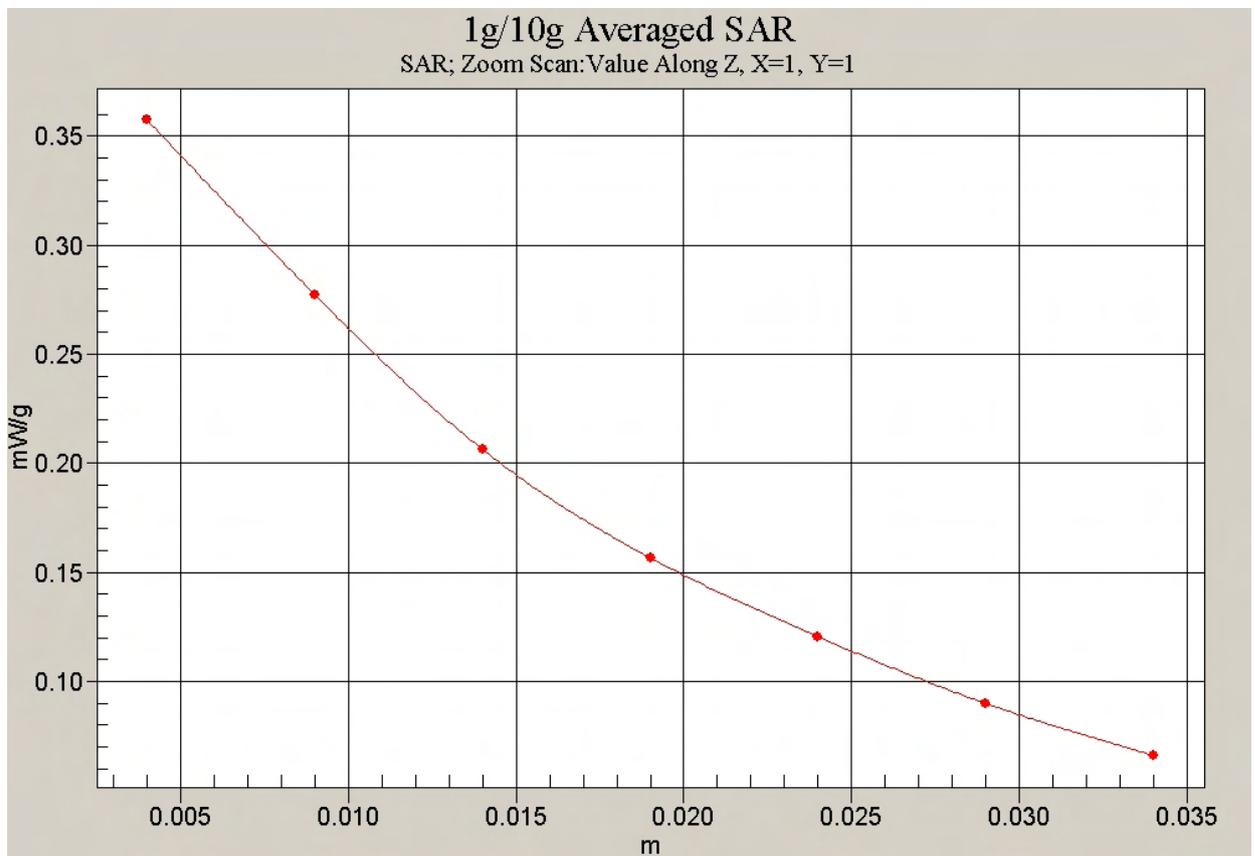**Fig. 33 WCDMA850 MHz, Body, Towards Phantom, CH4182**

Fig. 34 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4182)

WCDMA 850 Body Toward Phantom Low

Date/Time: 2007-11-13 14:23:04

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.961 mho/m; ε_r = 55.1; 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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.313 mW/g

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

Reference Value = 14.1 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.201 mW/g

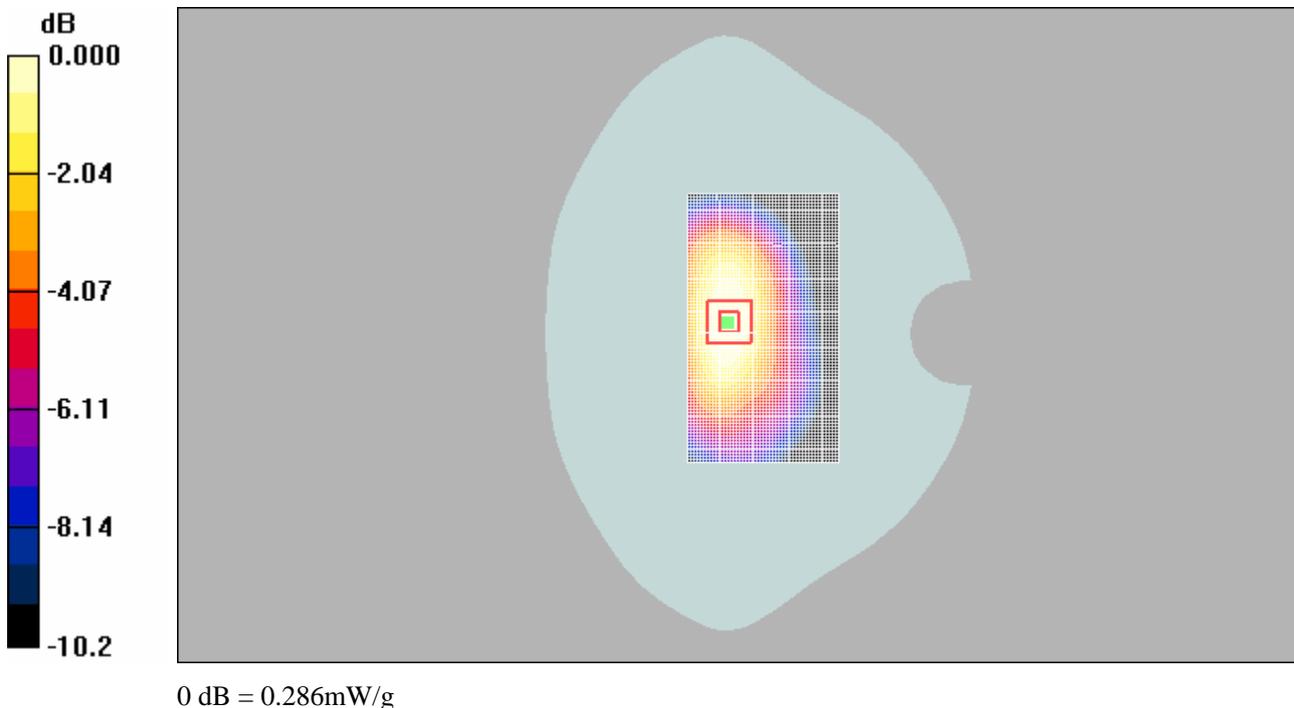Maximum value of SAR (measured) = 0.286 mW/g

0 dB = 0.286mW/g

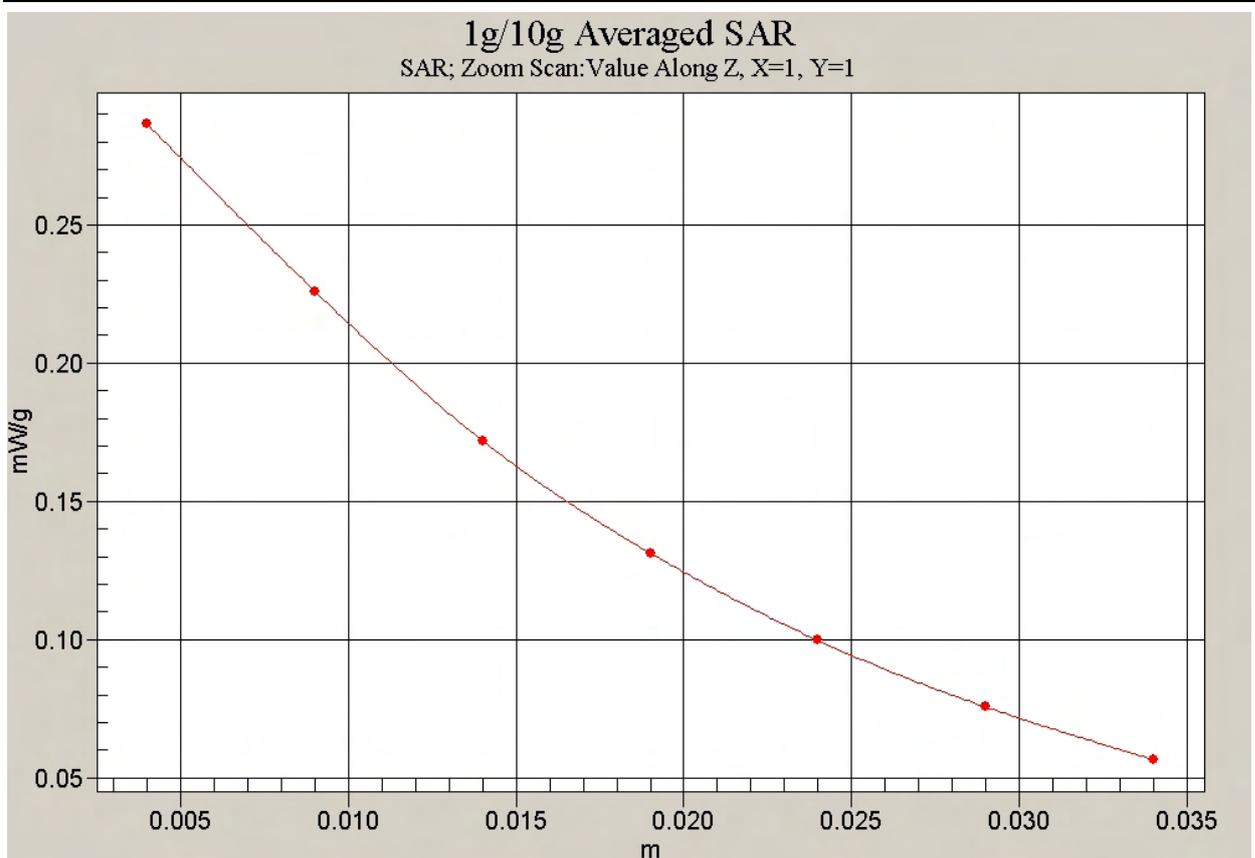**Fig. 35 WCDMA850 MHz, Body, Towards Phantom, CH4132**

Fig. 36 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4132)

WCDMA 850 Body Toward Ground Middle with Bluetooth Function

Date/Time: 2007-11-13 15:19:04

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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
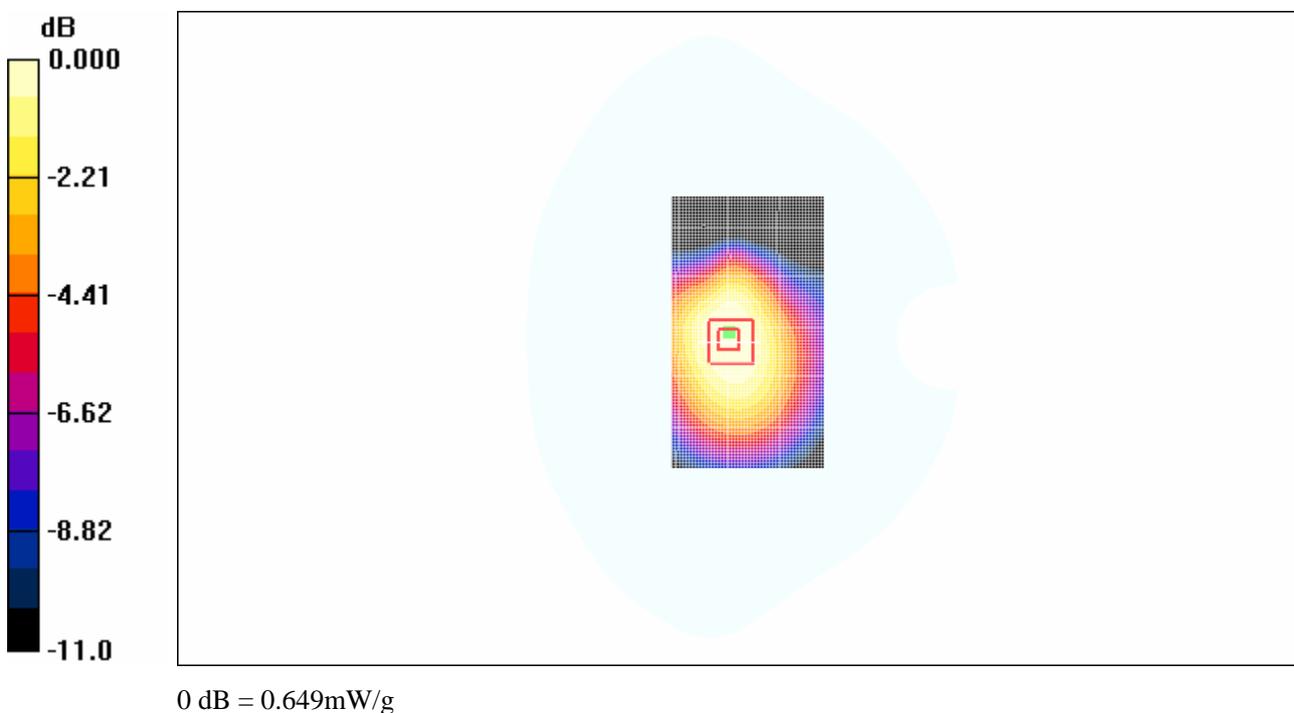
Maximum value of SAR (interpolated) = 0.674 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
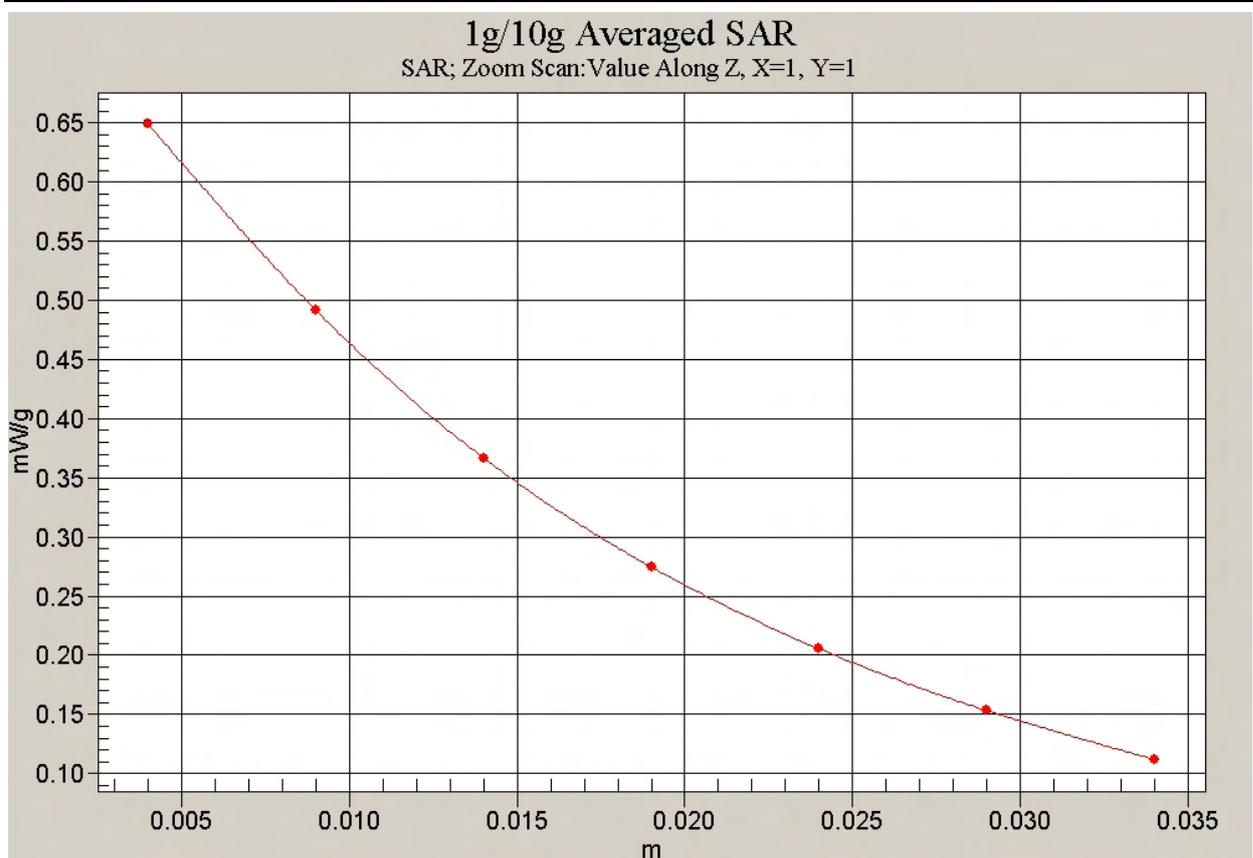
Reference Value = 26.4 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.450 mW/g

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

0 dB = 0.649mW/g

Fig. 37 WCDMA 850MHz, Body, Towards Ground with Bluetooth, CH4182

Fig. 38 Z-Scan at power reference point
(WCDMA 850MHz, Body, Towards Ground with Bluetooth, CH4182)

WCDMA 1900 Left Cheek High

Date/Time: 2007-11-12 15:20:23

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.37 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: 1907.6 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.760 mW/g

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

Reference Value = 17.5 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.615 mW/g

0 dB = 0.615mW/g
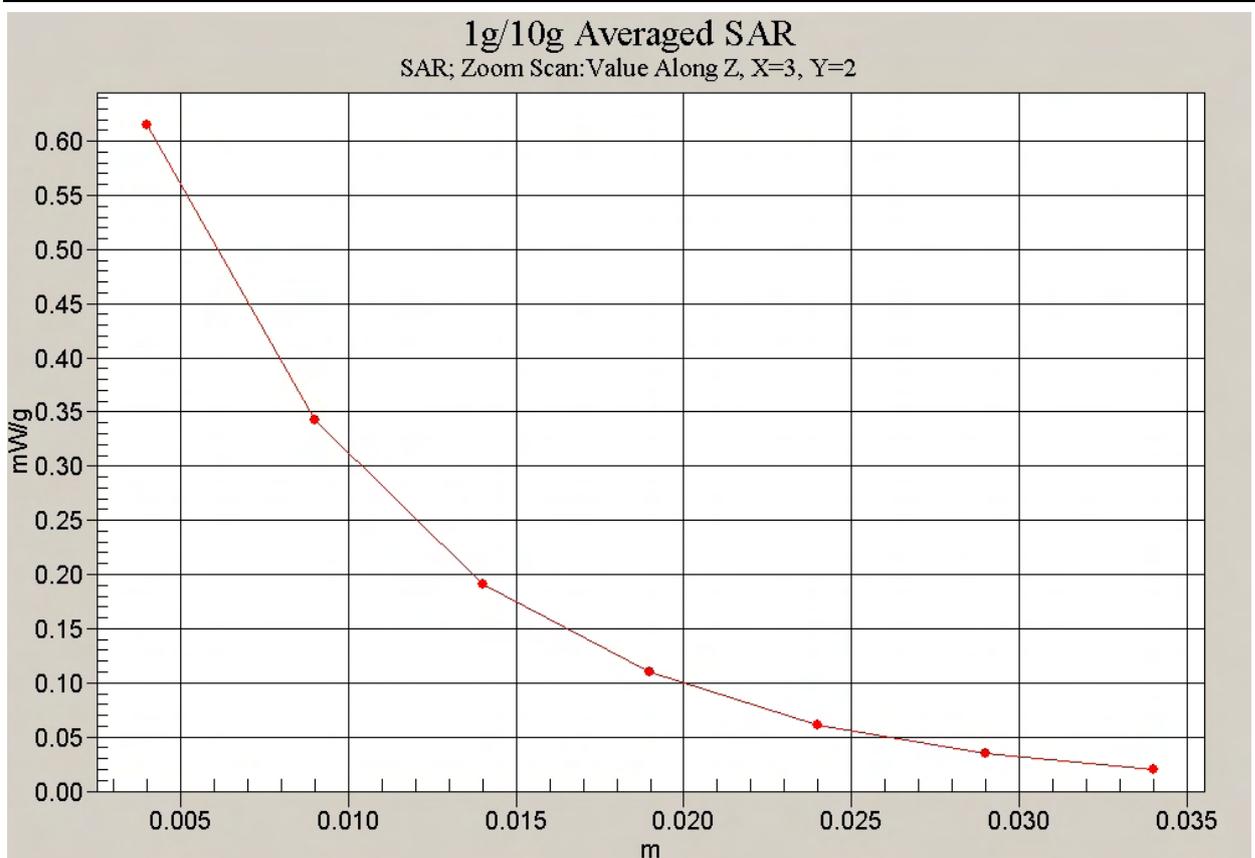

Fig. 39 Left Hand Touch Cheek WCDMA 1900MHz CH9538

Fig. 40 Z-Scan at power reference point (WCDMA 1900MHz CH9538)

WCDMA 1900 Left Cheek Middle
Date/Time: 2007-11-12 15:31:14
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.4; 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: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Cheek Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.456 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.677 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.394 mW/g

0 dB = 0.394mW/g

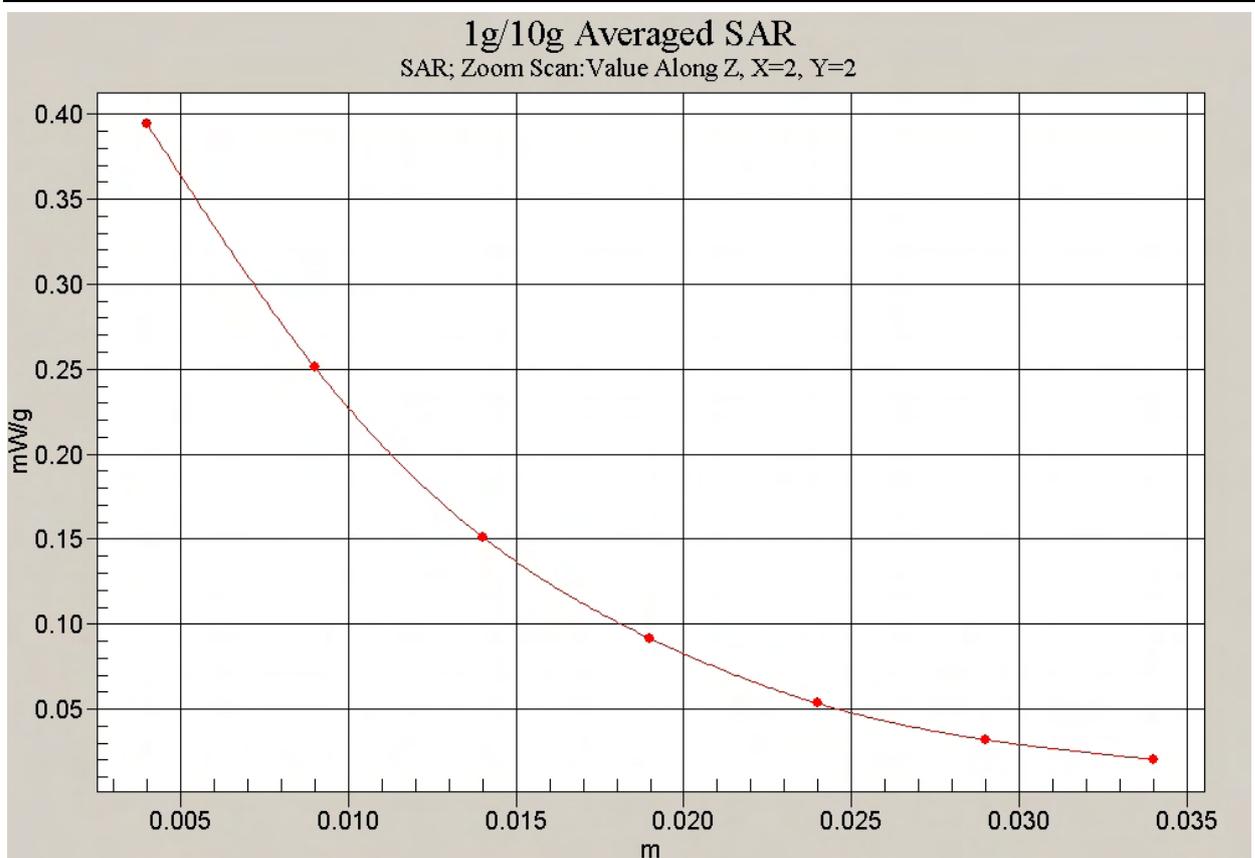**Fig. 41 Left Hand Touch Cheek WCDMA 1900MHz CH9400**

Fig. 42 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

WCDMA 1900 Left Cheek Low

Date/Time: 2007-11-12 15:42:36

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.33 mho/m; ε_r = 39.4; 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: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 0.540 mW/g

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

Reference Value = 16.3 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.493 mW/g

0 dB = 0.493mW/g
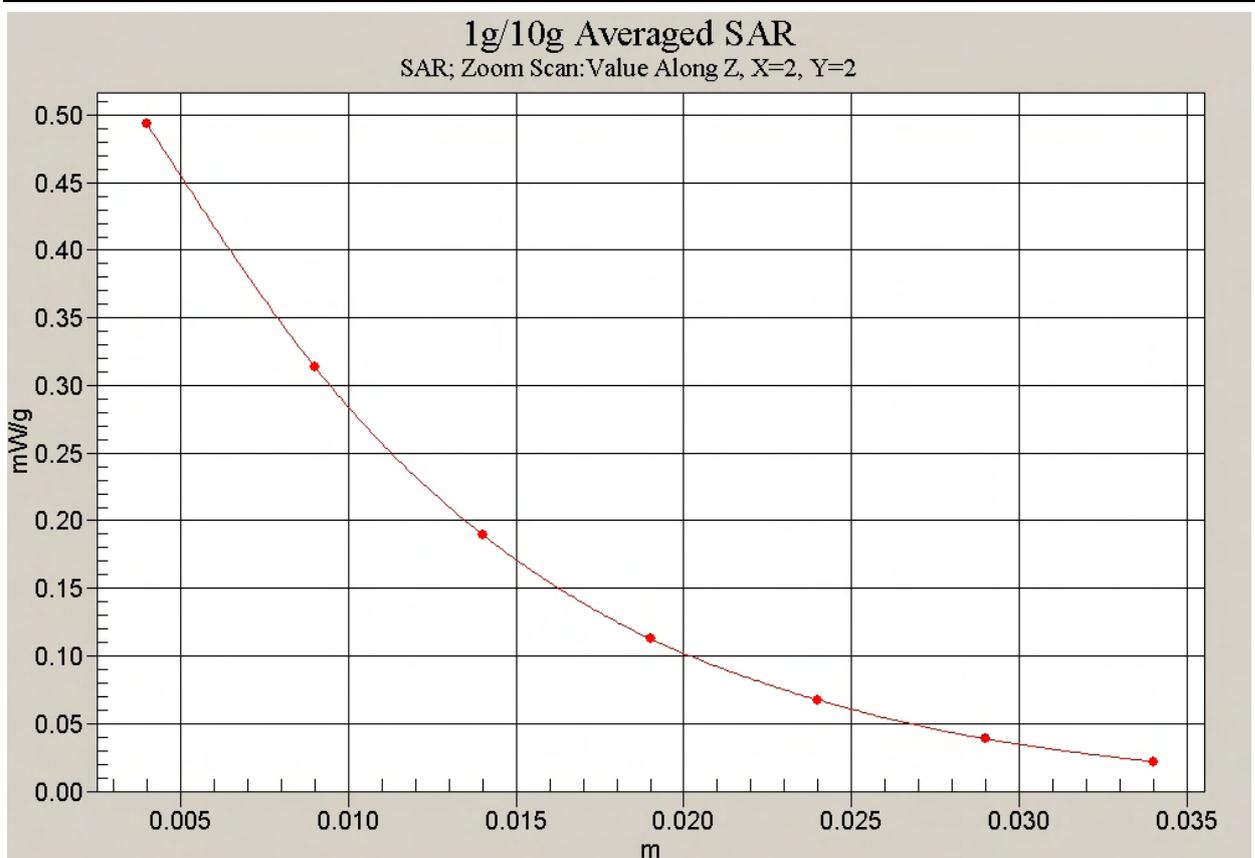

Fig. 43 Left Hand Touch Cheek WCDMA 1900MHz CH9262

Fig. 44 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

WCDMA 1900 Left Tilt High

Date/Time: 2007-11-12 16:20:03

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.37 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: 1907.6 MHz Duty Cycle: 1:1

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

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

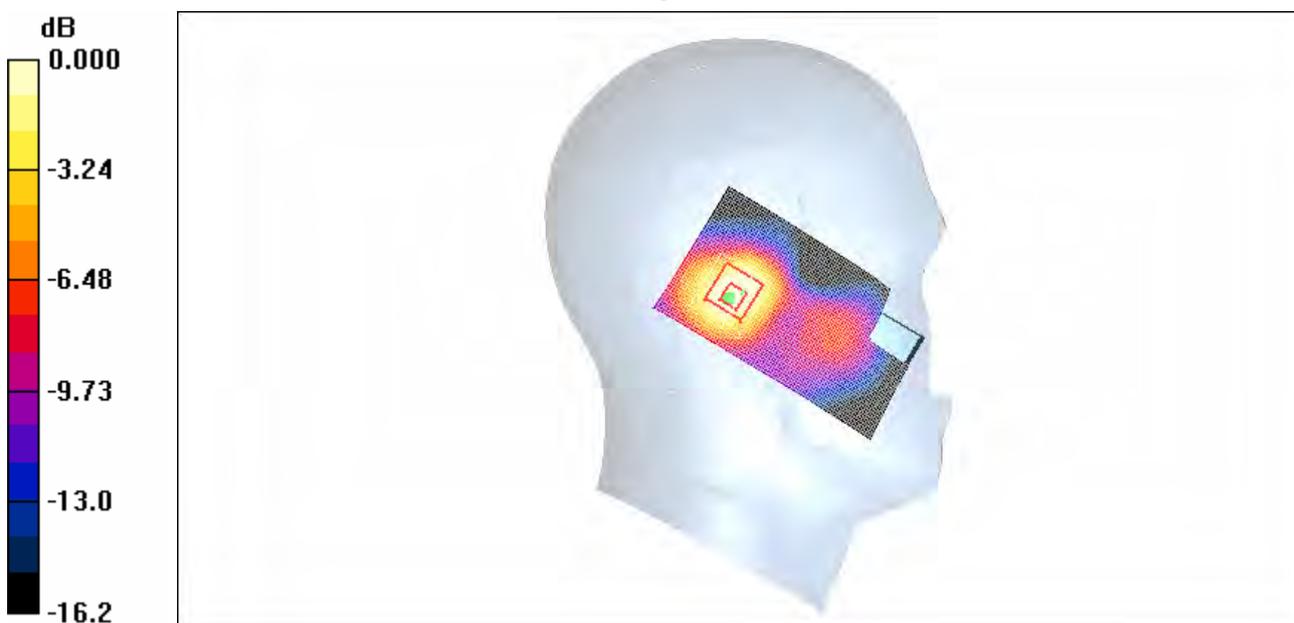Maximum value of SAR (interpolated) = 0.643 mW/g

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

Reference Value = 17.8 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.601 mW/g

0 dB = 0.601mW/g

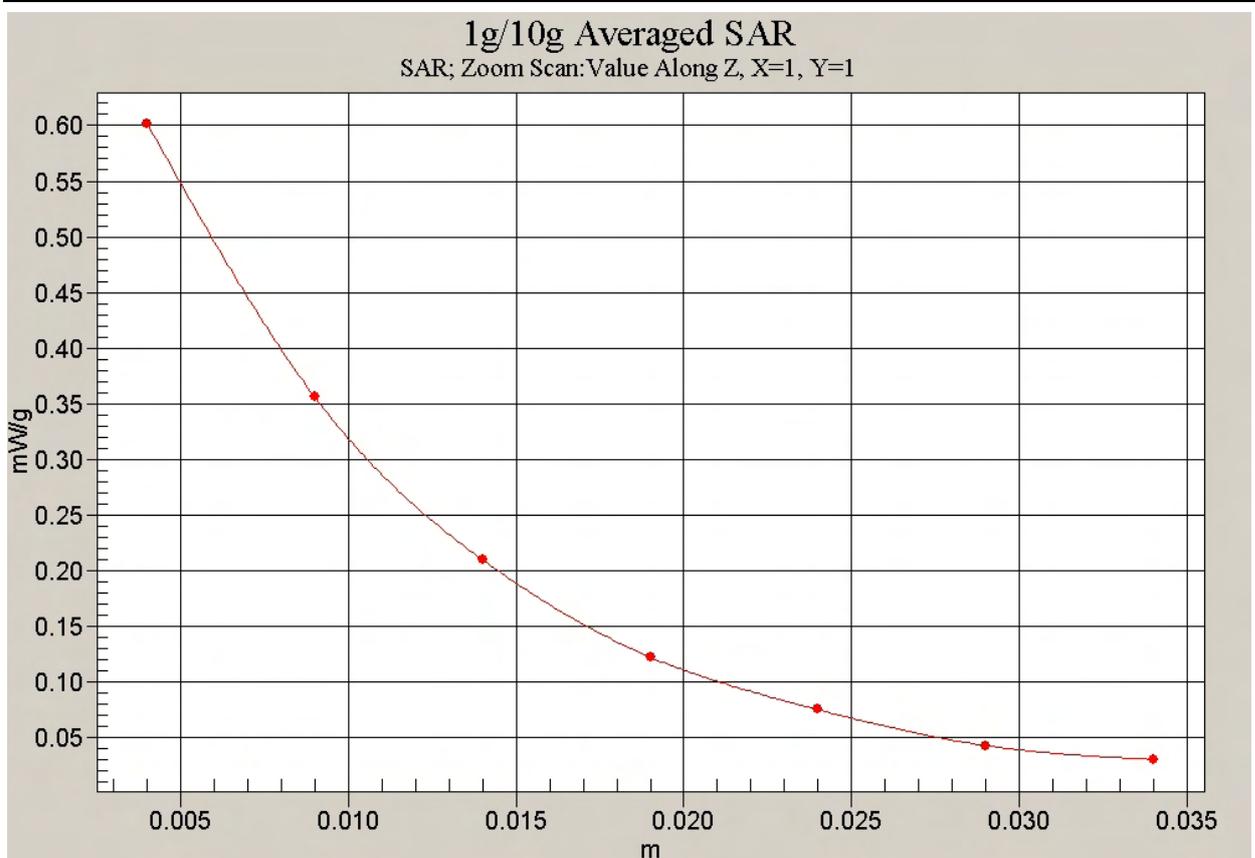
Fig. 45 Left Hand Tilt 15° WCDMA 1900MHz CH9538

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

WCDMA 1900 Left Tilt Middle
Date/Time: 2007-11-12 16:06:33
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.4; 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: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

Tilt Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
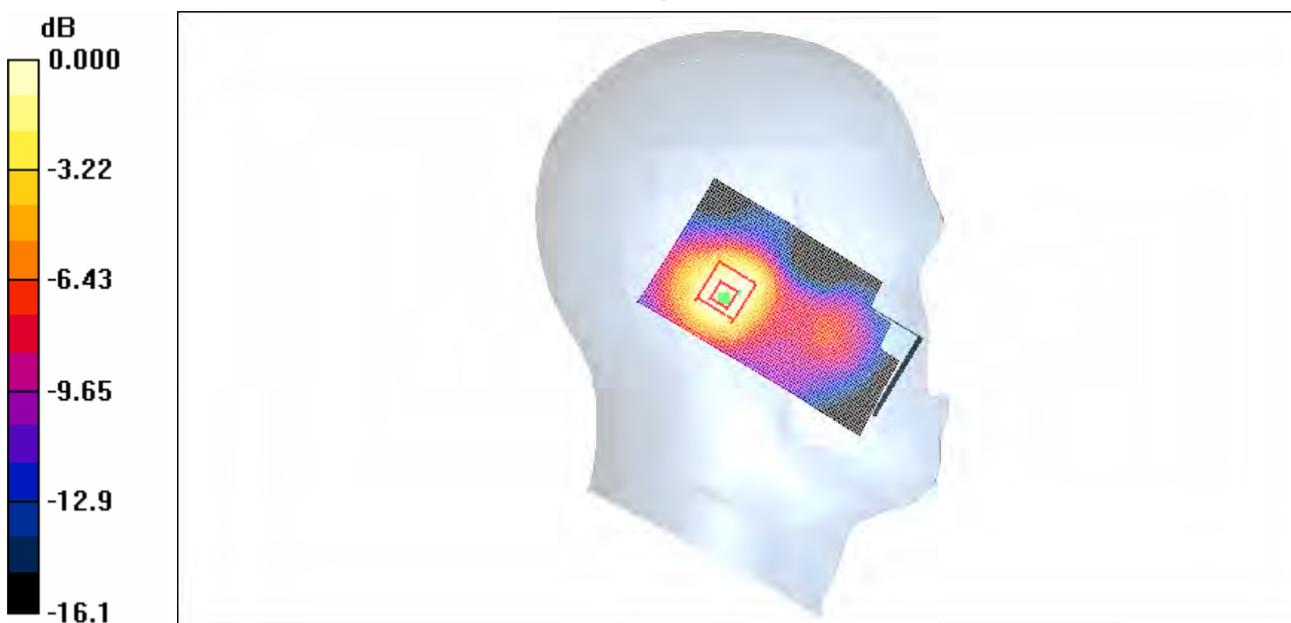Maximum value of SAR (interpolated) = 0.449 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.670 W/kg
SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.399 mW/g

0 dB = 0.399mW/g

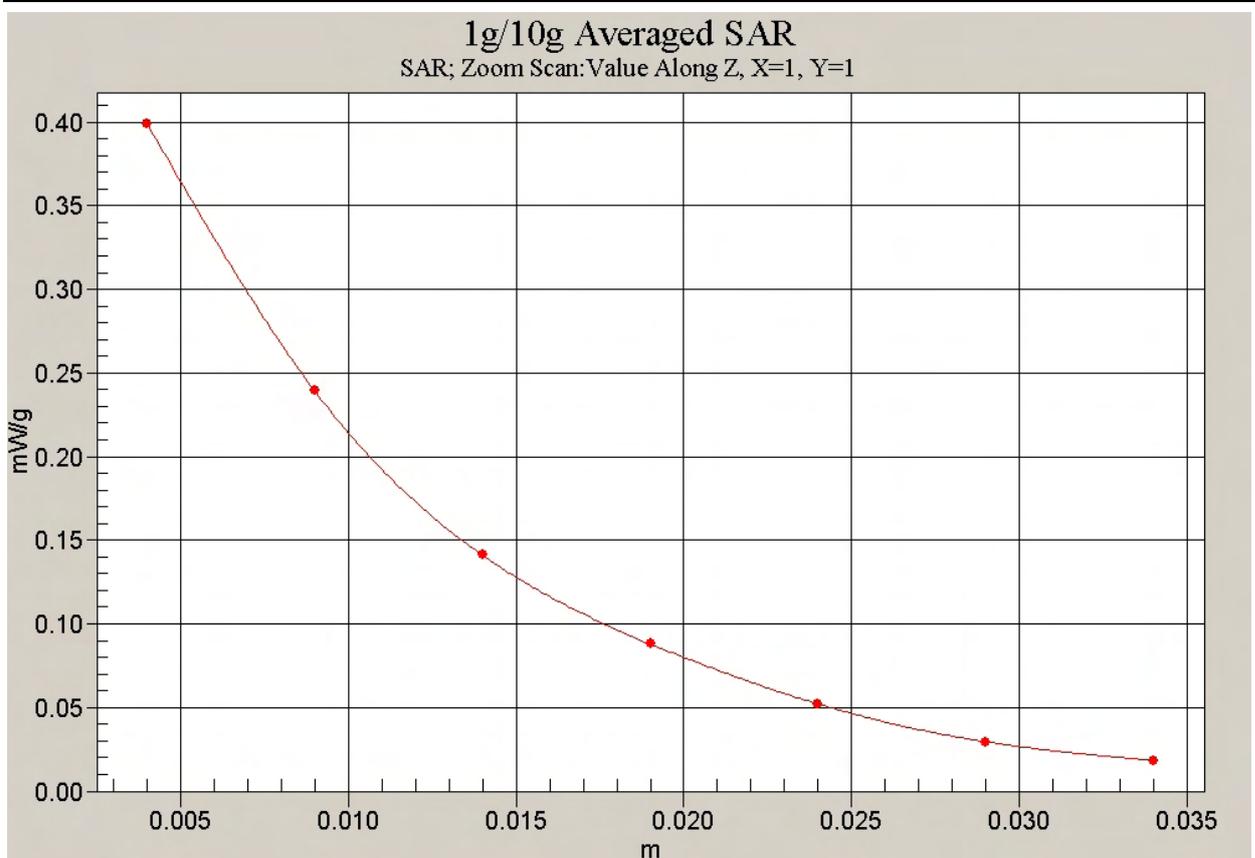**Fig. 47 Left Hand Tilt 15°WCDMA 1900MHz CH9400**

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

WCDMA 1900 Left Tilt Low

Date/Time: 2007-11-12 15:54:32

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.33 mho/m; ε_r = 39.4; 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: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

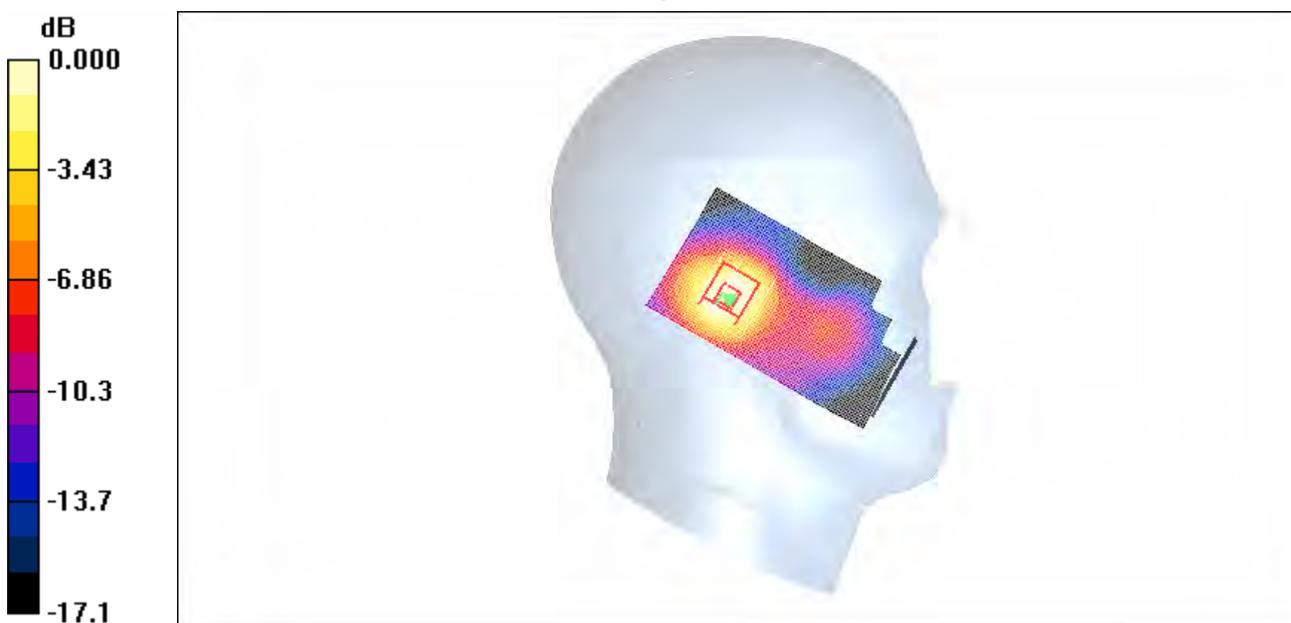Maximum value of SAR (interpolated) = 0.591 mW/g

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

Reference Value = 18.3 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.296 mW/g

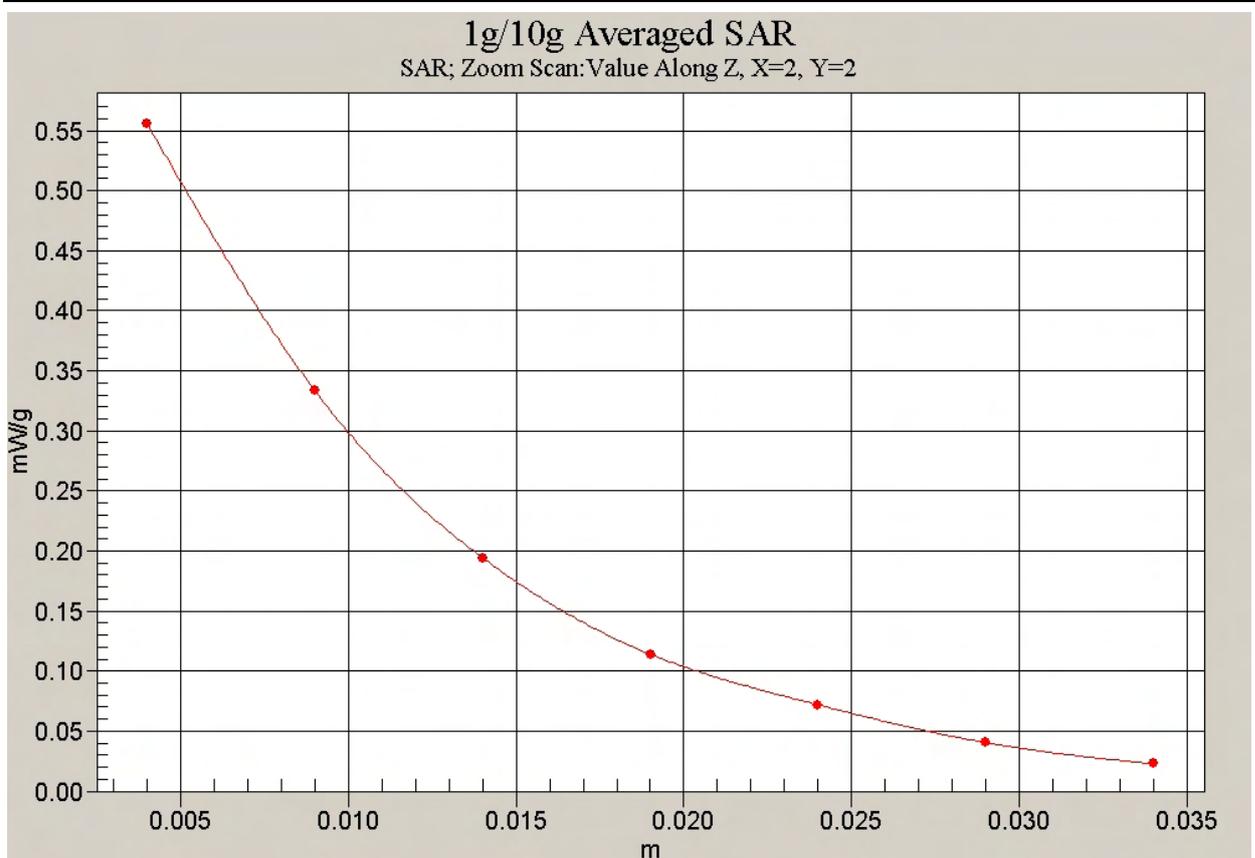Maximum value of SAR (measured) = 0.555 mW/g

0 dB = 0.555mW/g

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

WCDMA 1900 Right Cheek High

Date/Time: 2007-11-12 14:01:08

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.37 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: 1907.6 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.766 mW/g

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

Reference Value = 14.7 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.782 mW/g

0 dB = 0.782mW/g

Fig. 51 Right Hand Touch Cheek WCDMA 1900MHz CH9538