WCDMA 1900 Right Tilt Middle

Date/Time: 2008-6-11 14:14:20

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

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

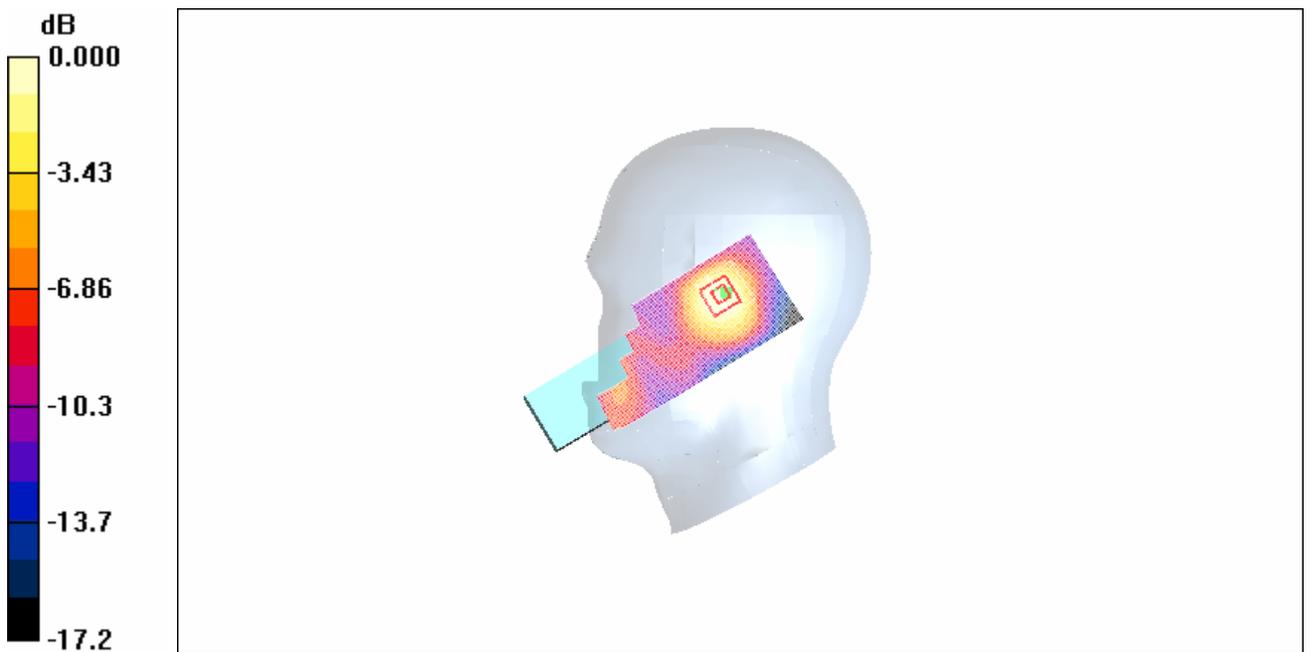Maximum value of SAR (interpolated) = 0.154 mW/g

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

Reference Value = 8.05 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.085 mW/g

Maximum value of SAR (measured) = 0.147 mW/g

0 dB = 0.147mW/g

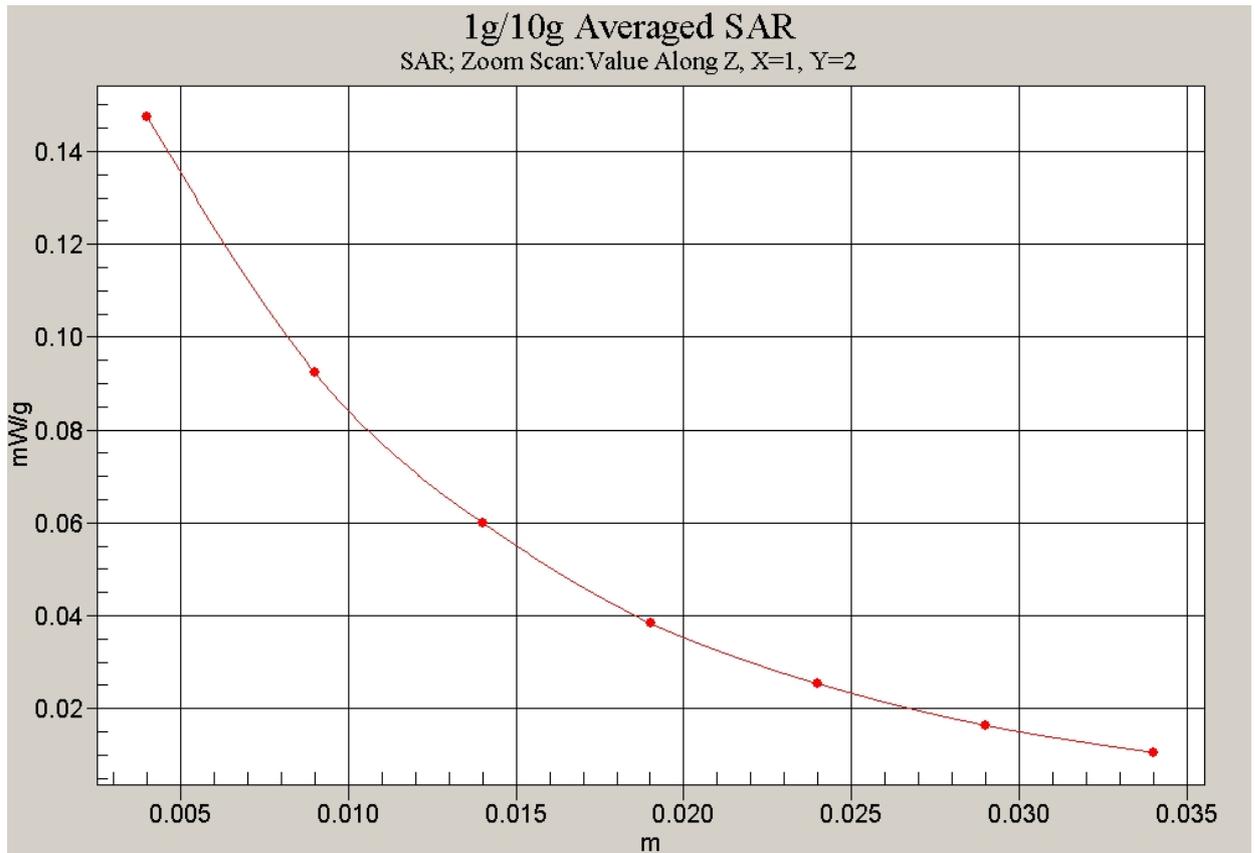**Fig. 65 Right Hand Tilt 15°WCDMA 1900MHz CH9400**

Fig. 66 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

WCDMA 1900 Right Tilt Low
Date/Time: 2008-6-11 14:02:18
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: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

Tilt Low/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
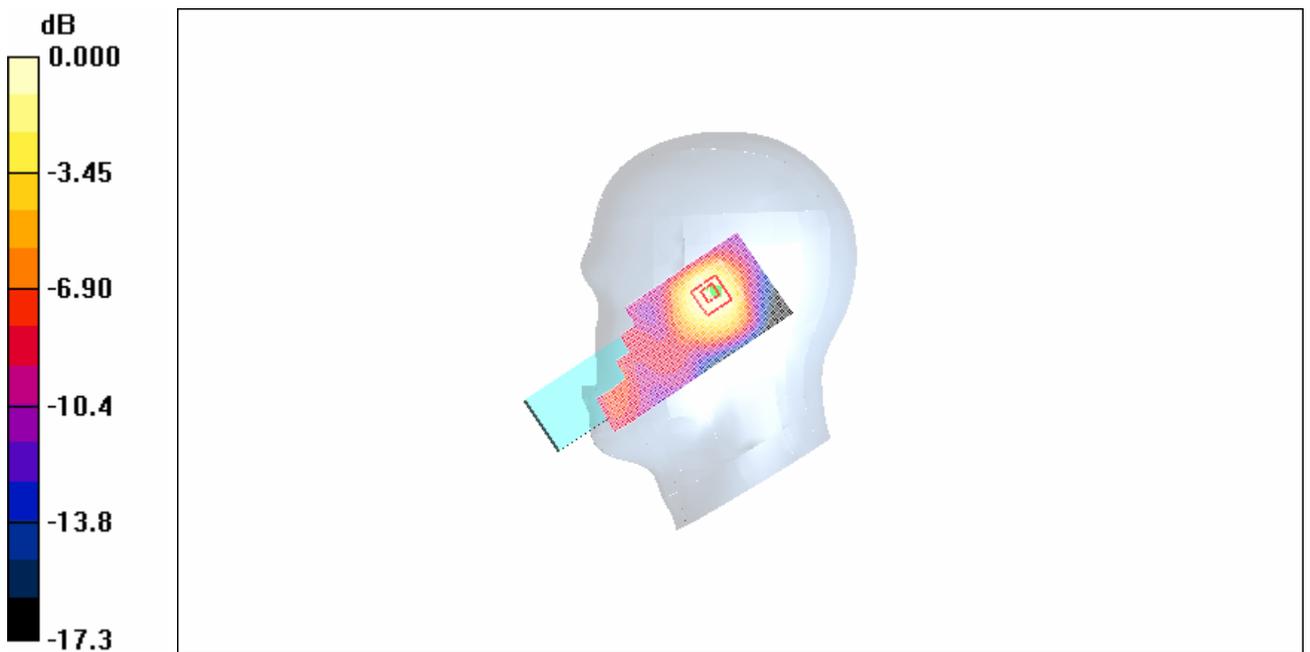Maximum value of SAR (interpolated) = 0.197 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.96 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.109 mW/g
Maximum value of SAR (measured) = 0.186 mW/g

0 dB = 0.186mW/g

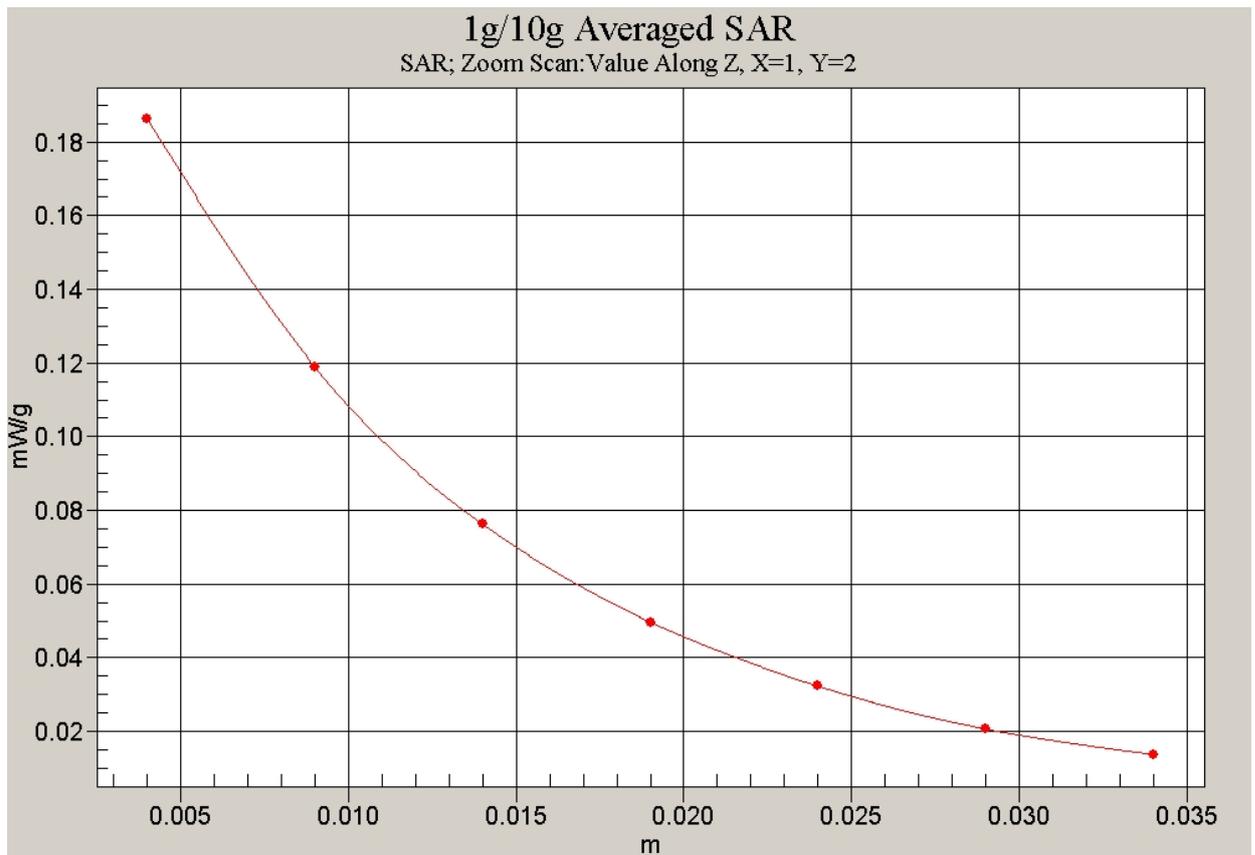**Fig. 67 Right Hand Tilt 15°WCDMA 1900MHz CH9262**

Fig. 68 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

WCDMA 1900 Body Toward Ground High-flip opened

Date/Time: 2008-6-11 10:23:20

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.5 mho/m; ε_r = 52.1; 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

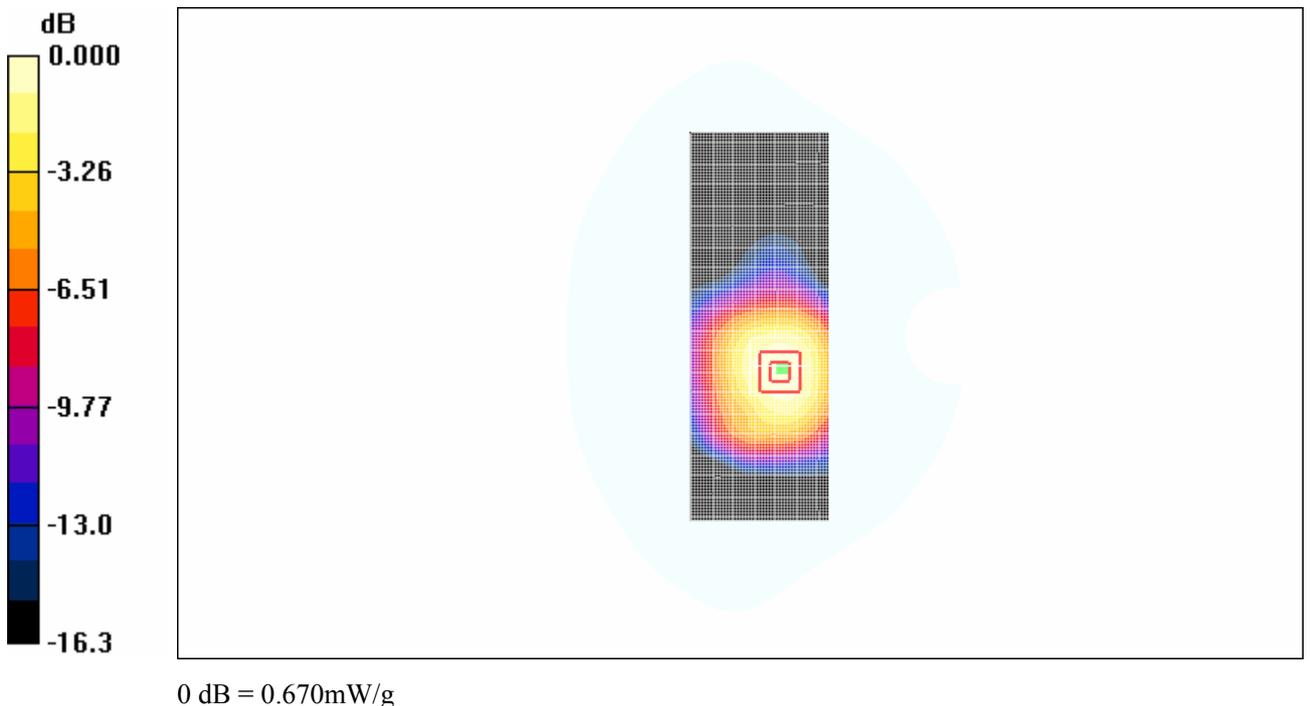Probe: ES3DV3 - SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.651 mW/g

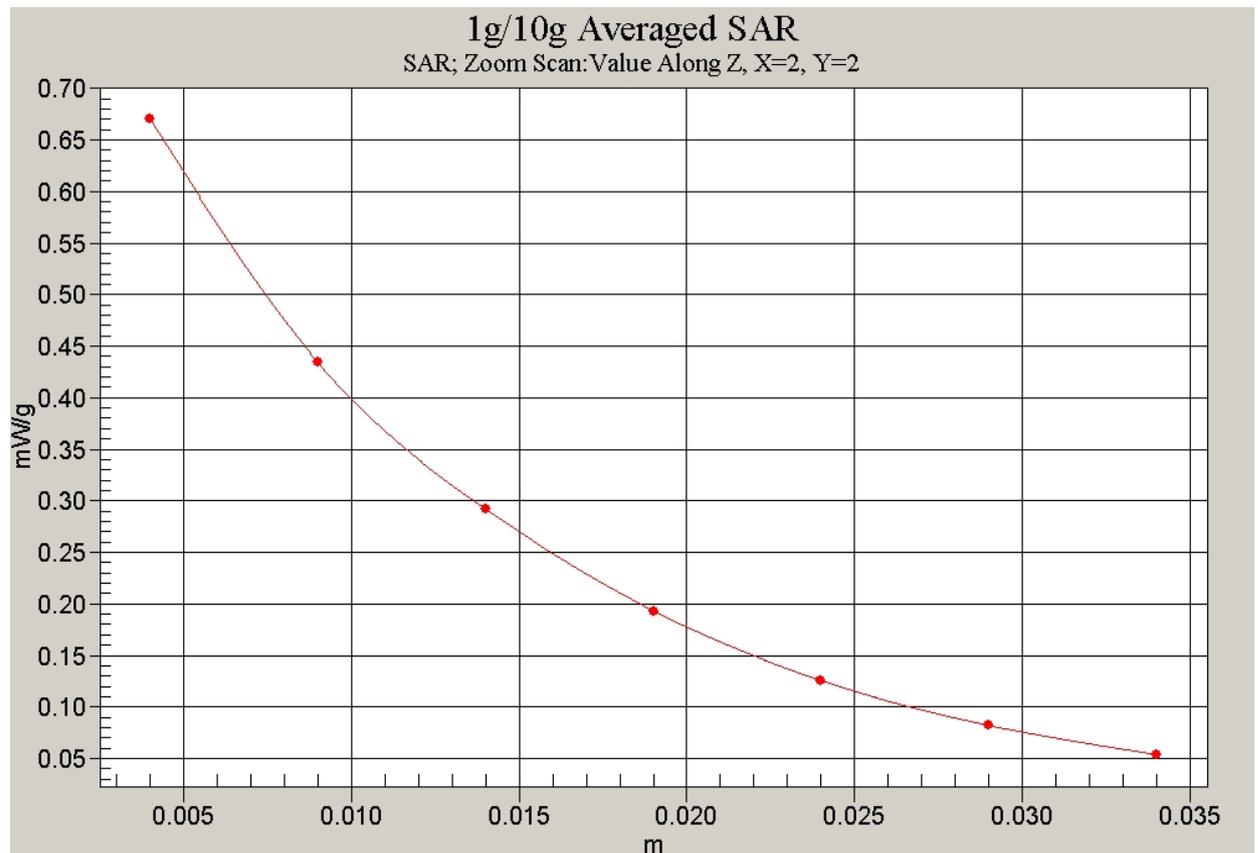**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.390 mW/g

Maximum value of SAR (measured) = 0.670 mW/g

0 dB = 0.670mW/g

Fig. 69 WCDMA 1900MHz, Body, Towards Ground, CH9538-flip opened

Fig. 70 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9538-flip opened)

WCDMA 1900 Body Toward Ground Middle-flip opened

Date/Time: 2008-6-11 10:08:03

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

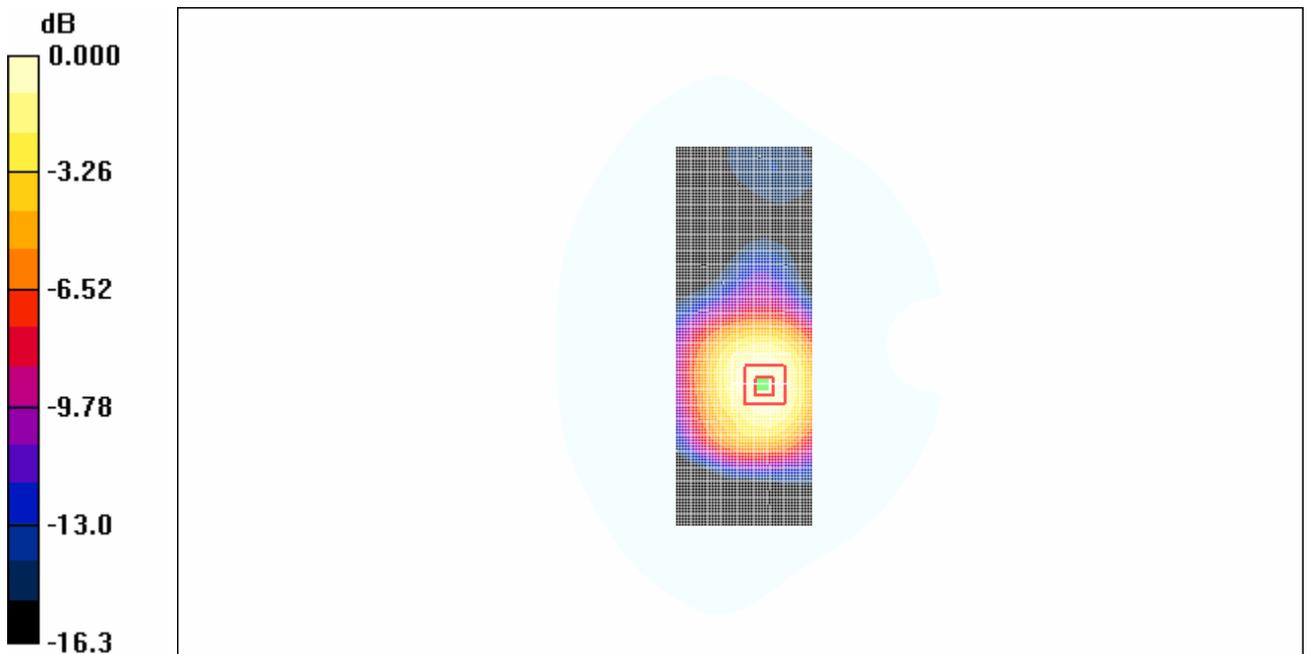Maximum value of SAR (interpolated) = 0.736 mW/g

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

Reference Value = 17.7 V/m; Power Drift = -0.080 dB

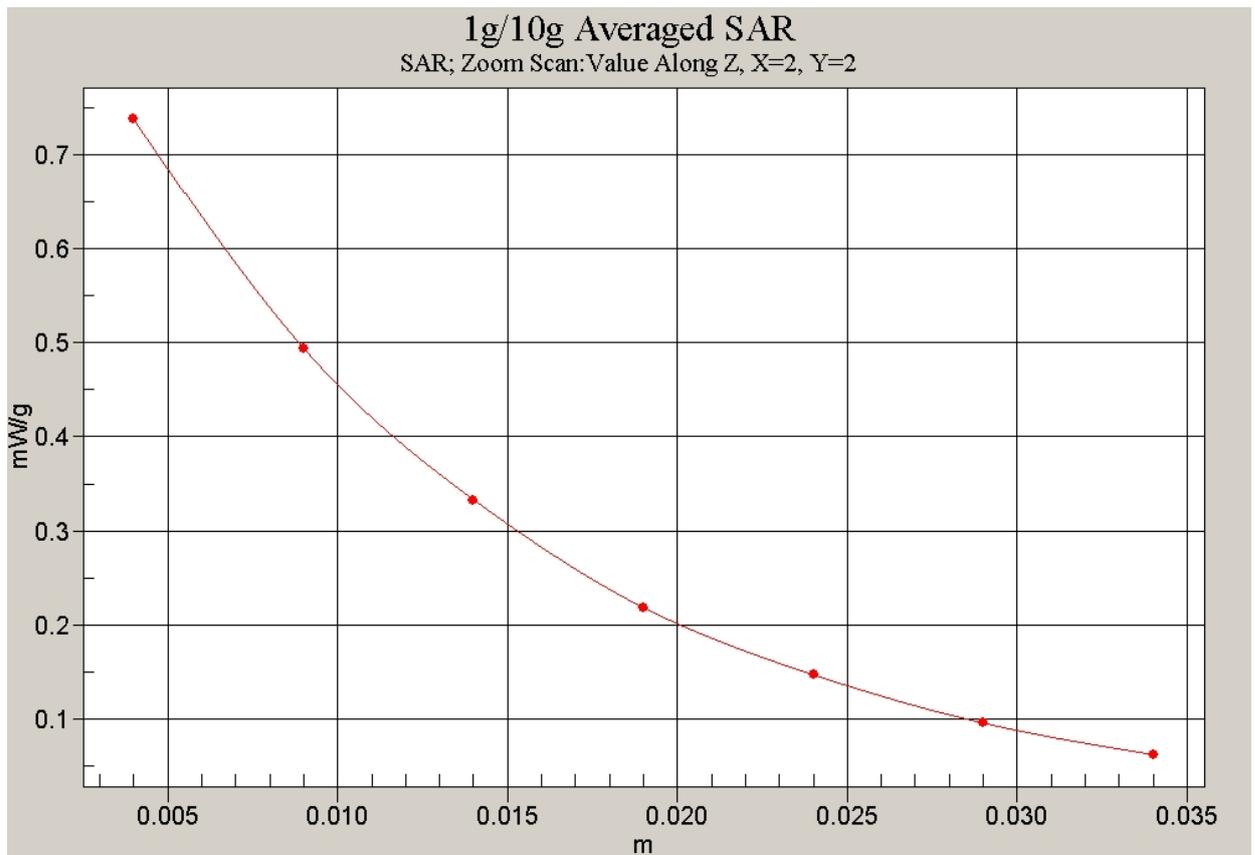Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 0.737 mW/g

0 dB = 0.737mW/g

Fig. 71 WCDMA 1900MHz, Body, Towards Ground, CH9400-flip opened

**Fig. 72 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9400-flip opened)**

WCDMA 1900 Body Toward Ground Low-flip opened

Date/Time: 2008-6-11 9:52:55

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.45 mho/m; ϵ_r = 52.2; 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

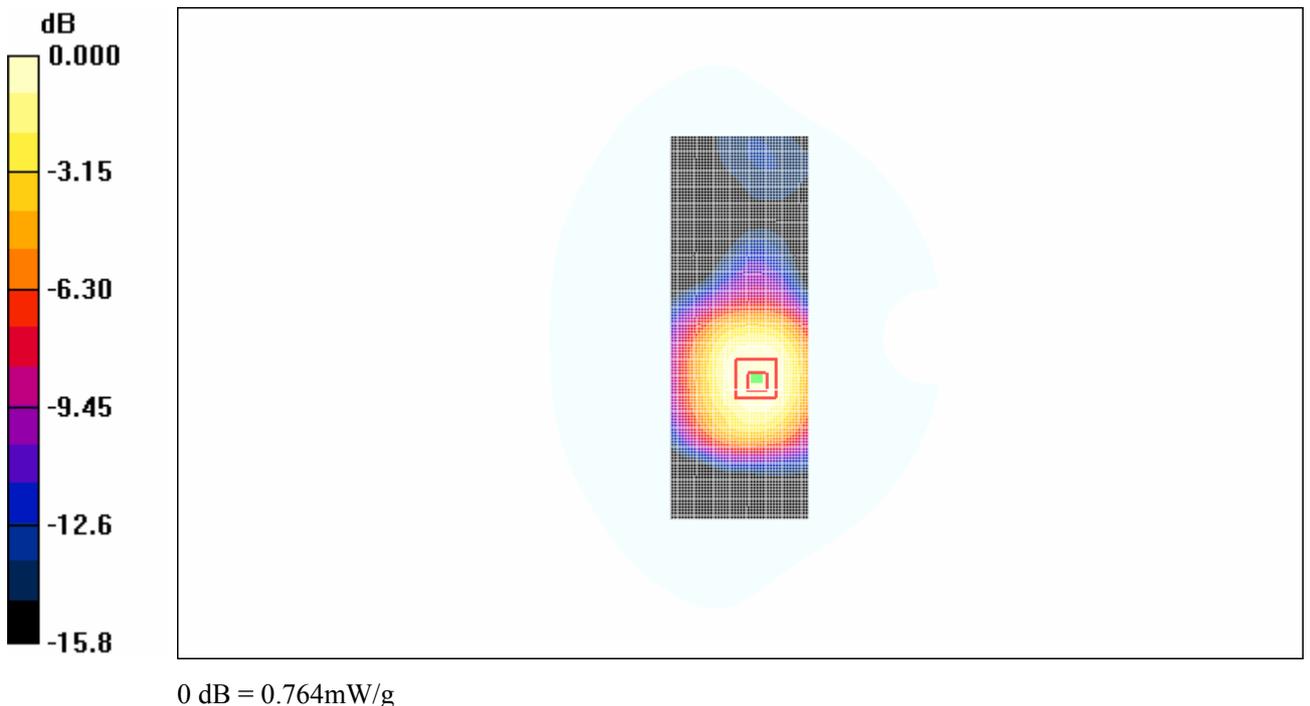Probe: ES3DV3 - SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.817 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
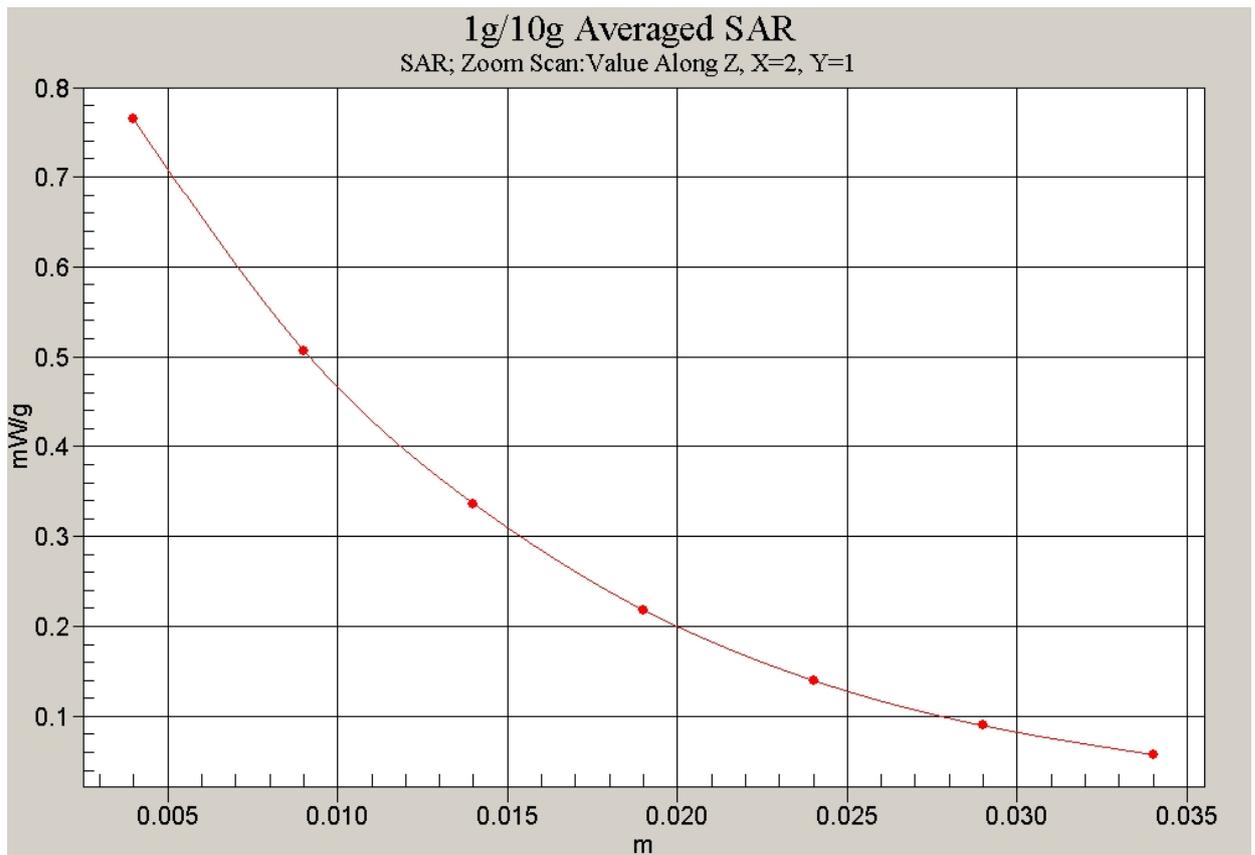
Reference Value = 19.0 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.764 mW/g

0 dB = 0.764mW/g

Fig. 73 WCDMA 1900MHz, Body, Towards Ground, CH9262-flip opened

Fig. 74 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9262-flip opened)

WCDMA 1900 Body Toward Ground Low with Bluetooth function-flip opened

Date/Time: 2008-6-11 10:44:52

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.45 mho/m; ε_r = 52.2; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.837 mW/g

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

Reference Value = 18.2 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.504 mW/g
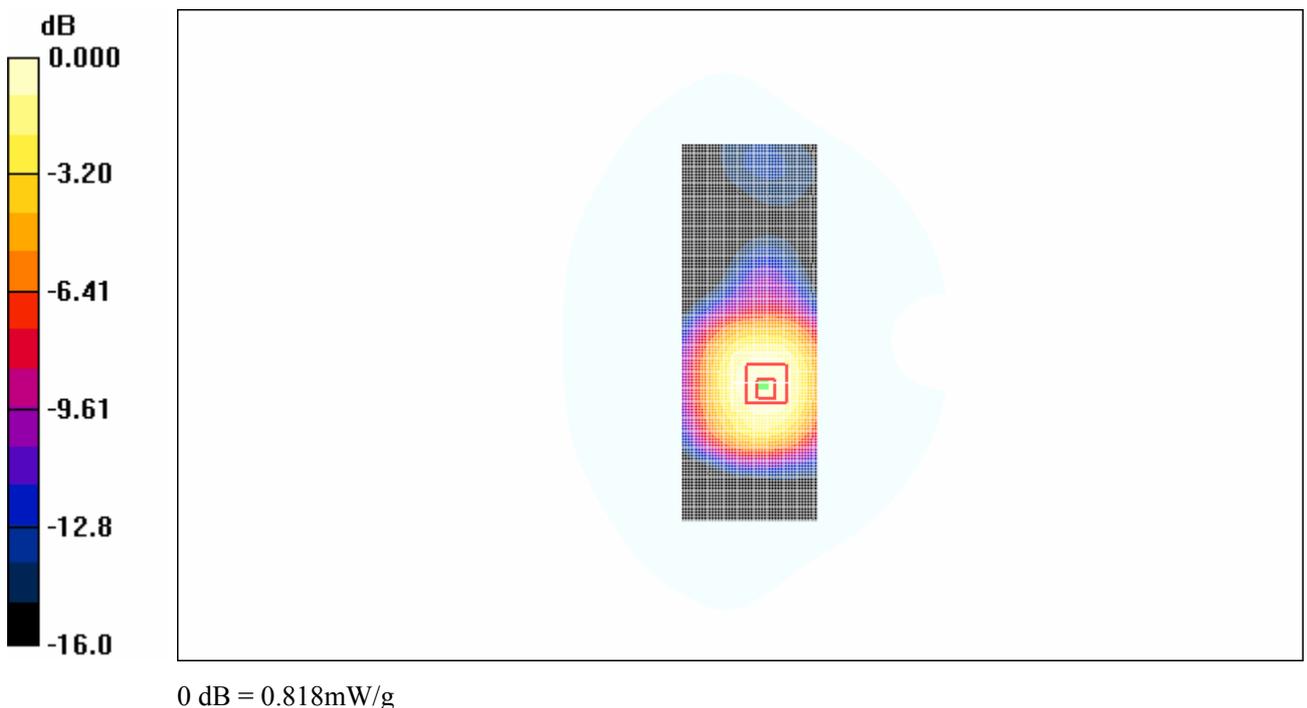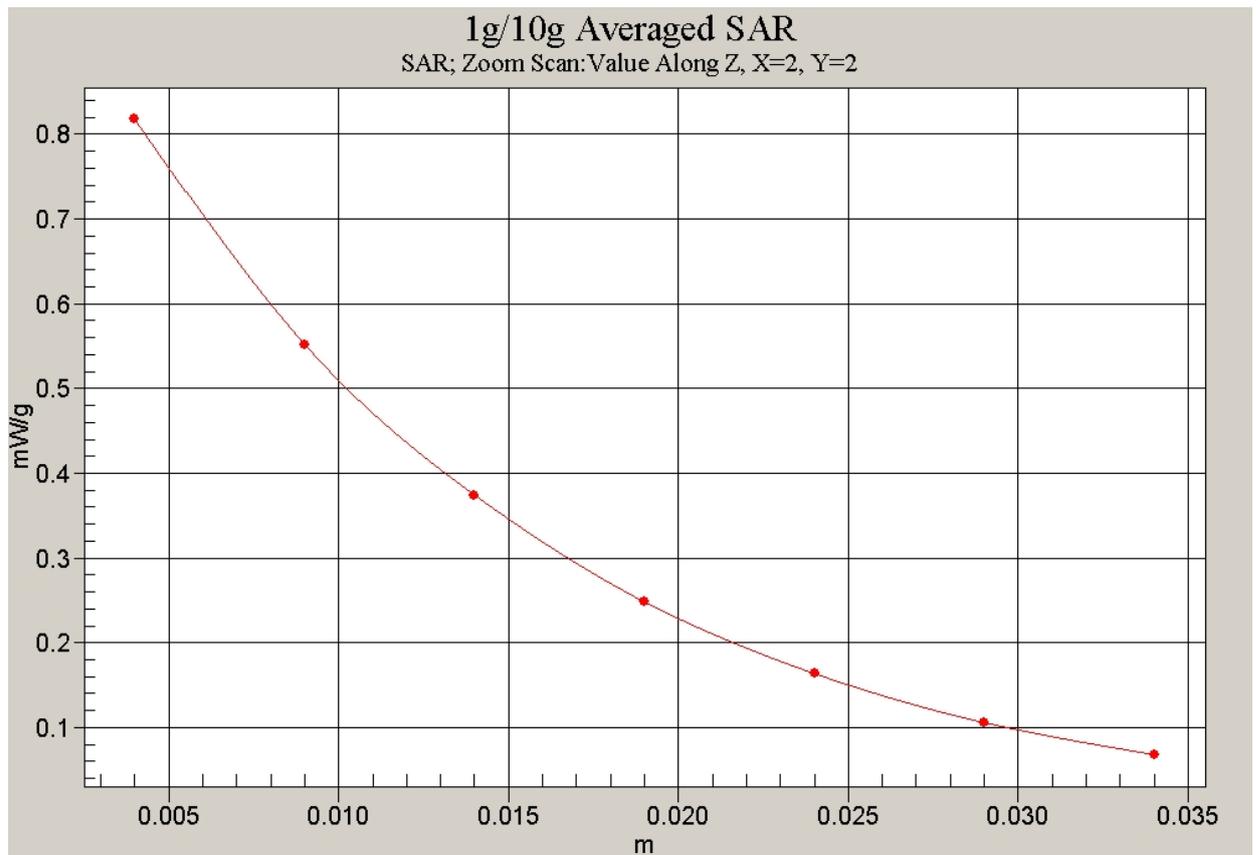
Maximum value of SAR (measured) = 0.818 mW/g

0 dB = 0.818mW/g

Fig. 75 WCDMA 1900MHz, Body, Towards Ground with Bluetooth function, CH9262-flip opened

Fig.76 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground with Bluetooth function, CH9262-flip opened)

WCDMA 1900 Body Toward Ground High with Headset -flip closed

Date/Time: 2008-6-11 8:45:41

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.5 mho/m; $ε_r$ = 52.1; 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
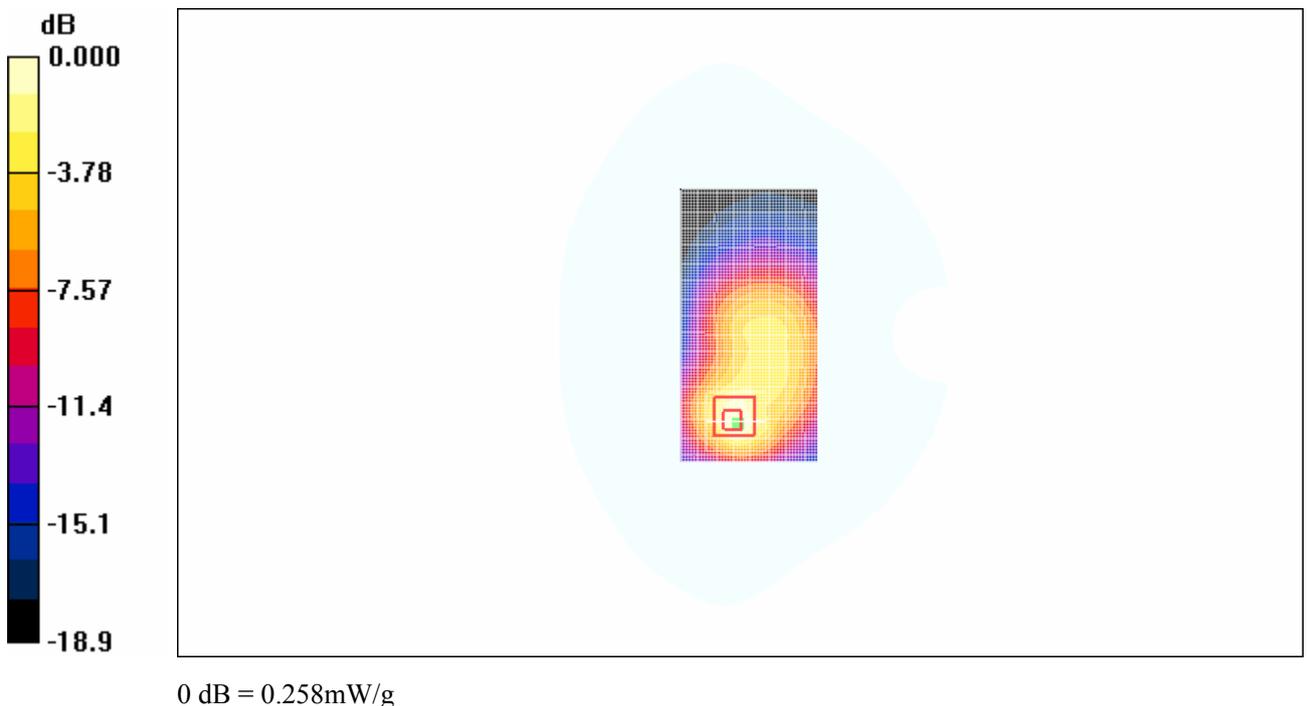
Probe: ES3DV3 - SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.266 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
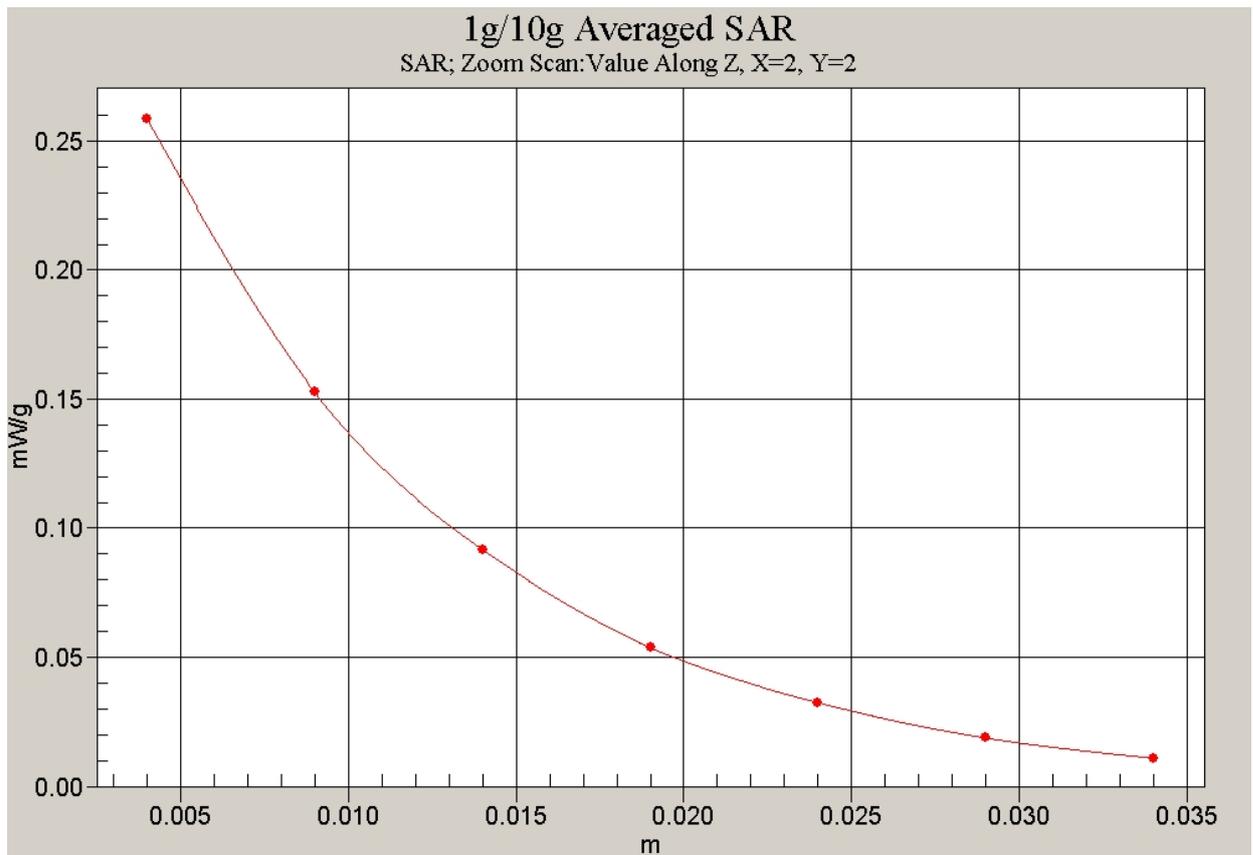
Reference Value = 8.86 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.258 mW/g

0 dB = 0.258mW/g

Fig. 77 WCDMA 1900MHz, Body, Towards Ground, CH9538-flip closed

Fig. 78 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9538-flip closed)

WCDMA 1900 Body Toward Ground Middle with Headset -flip closed

Date/Time: 2008-6-11 8:30:26

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

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

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

Reference Value = 9.30 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.134 mW/g
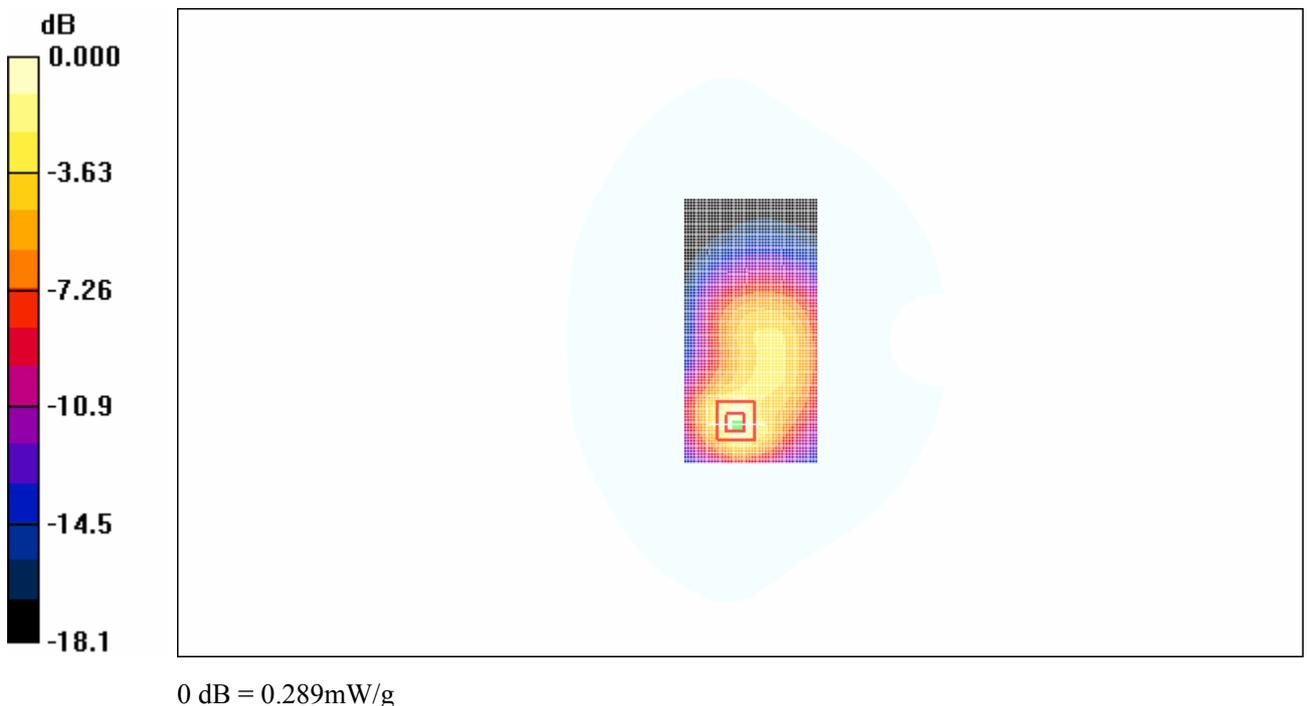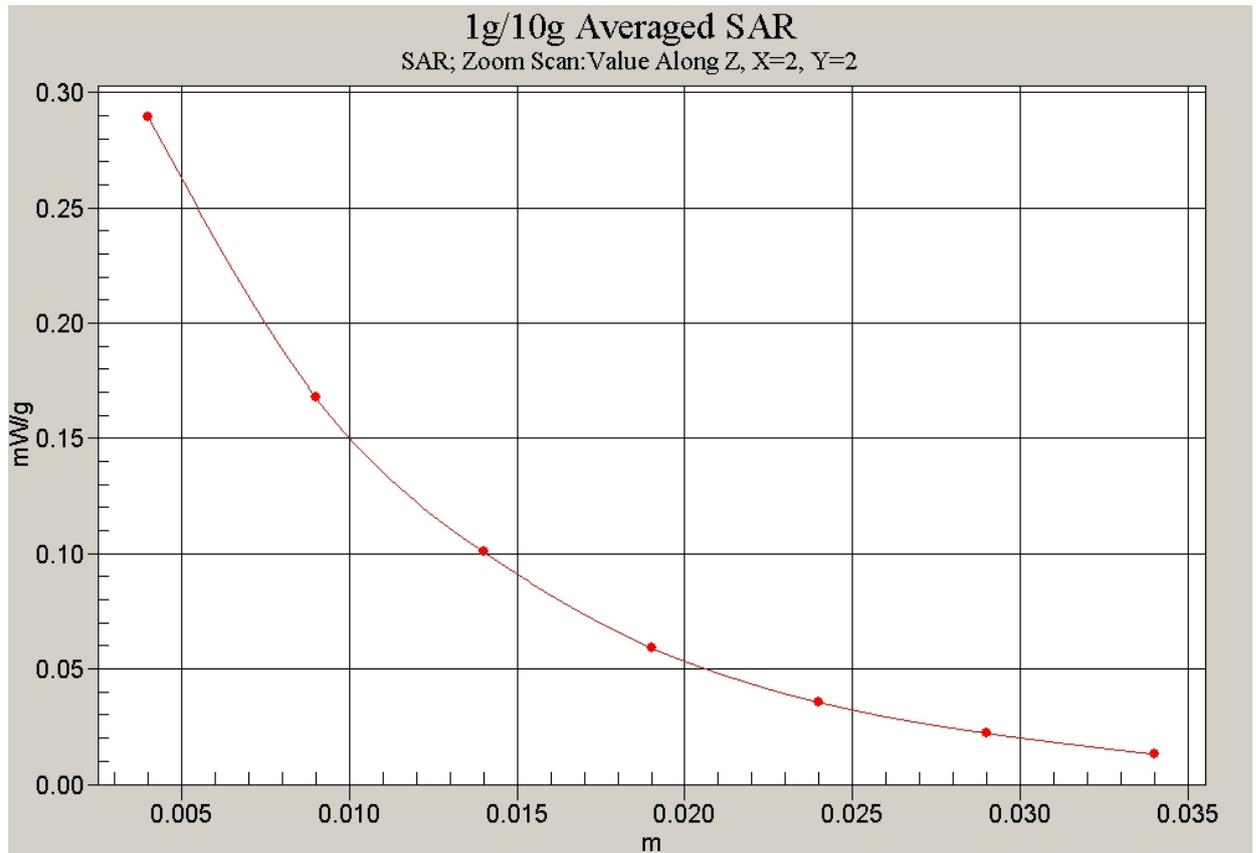
Maximum value of SAR (measured) = 0.289 mW/g

0 dB = 0.289mW/g

Fig. 79 WCDMA 1900MHz, Body, Towards Ground, CH9400-flip closed

Fig. 80 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9400-flip closed)

WCDMA 1900 Body Toward Ground Low with Headset -flip closed

Date/Time: 2008-6-11 8:16:08

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.45 mho/m; ε_r = 52.2; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

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

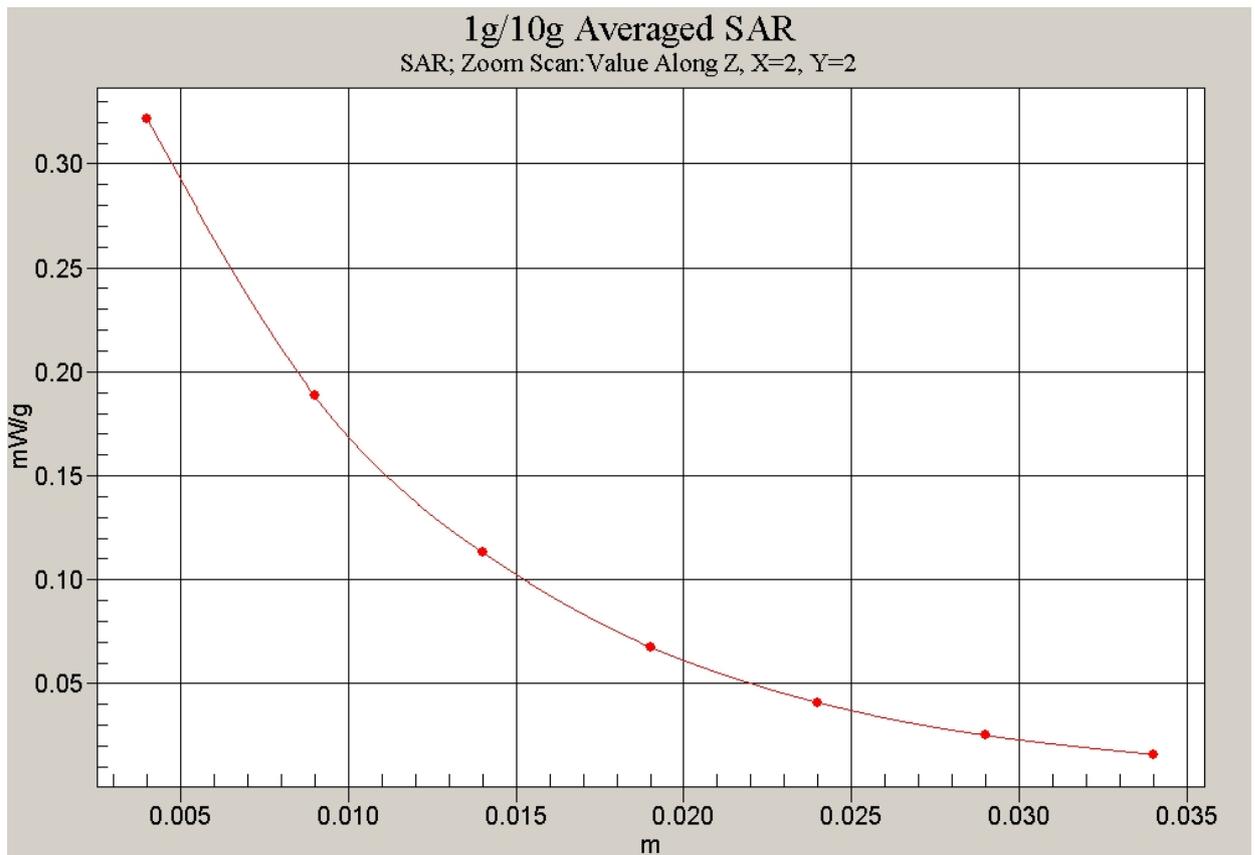**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.322 mW/g

0 dB = 0.322mW/g
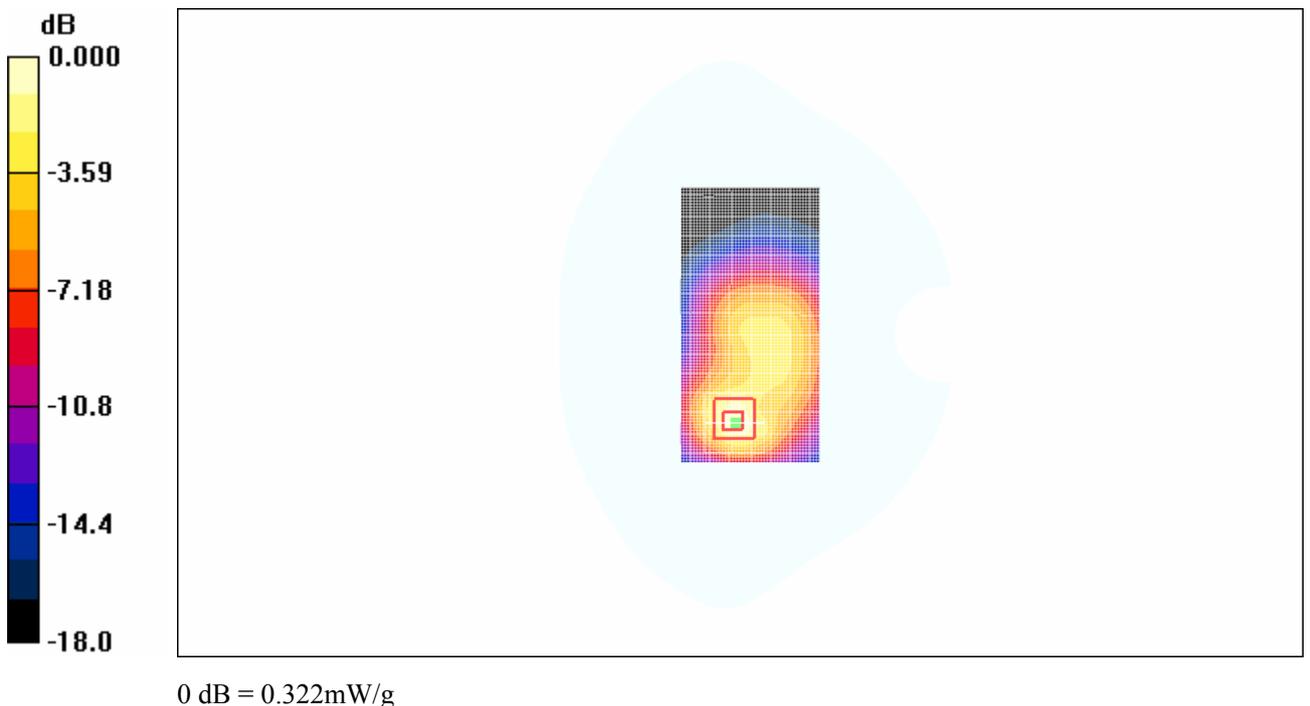
Fig. 81 WCDMA 1900MHz, Body, Towards Ground, CH9262-flip closed

Fig. 82 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9262-flip closed)

WCDMA 1900 Body Toward Phantom High with Headset -flip closed

Date/Time: 2008-6-11 9:04:49

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.5 mho/m; ε_r = 52.1; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

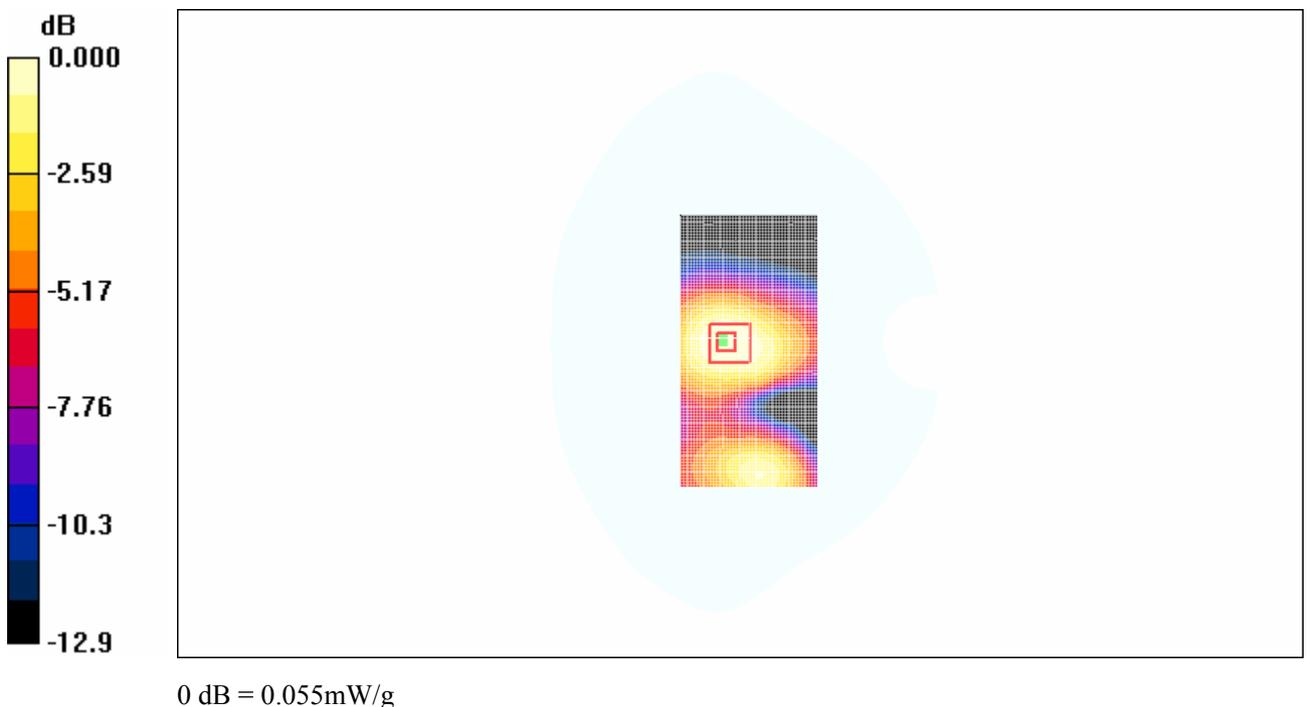Maximum value of SAR (interpolated) = 0.058 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
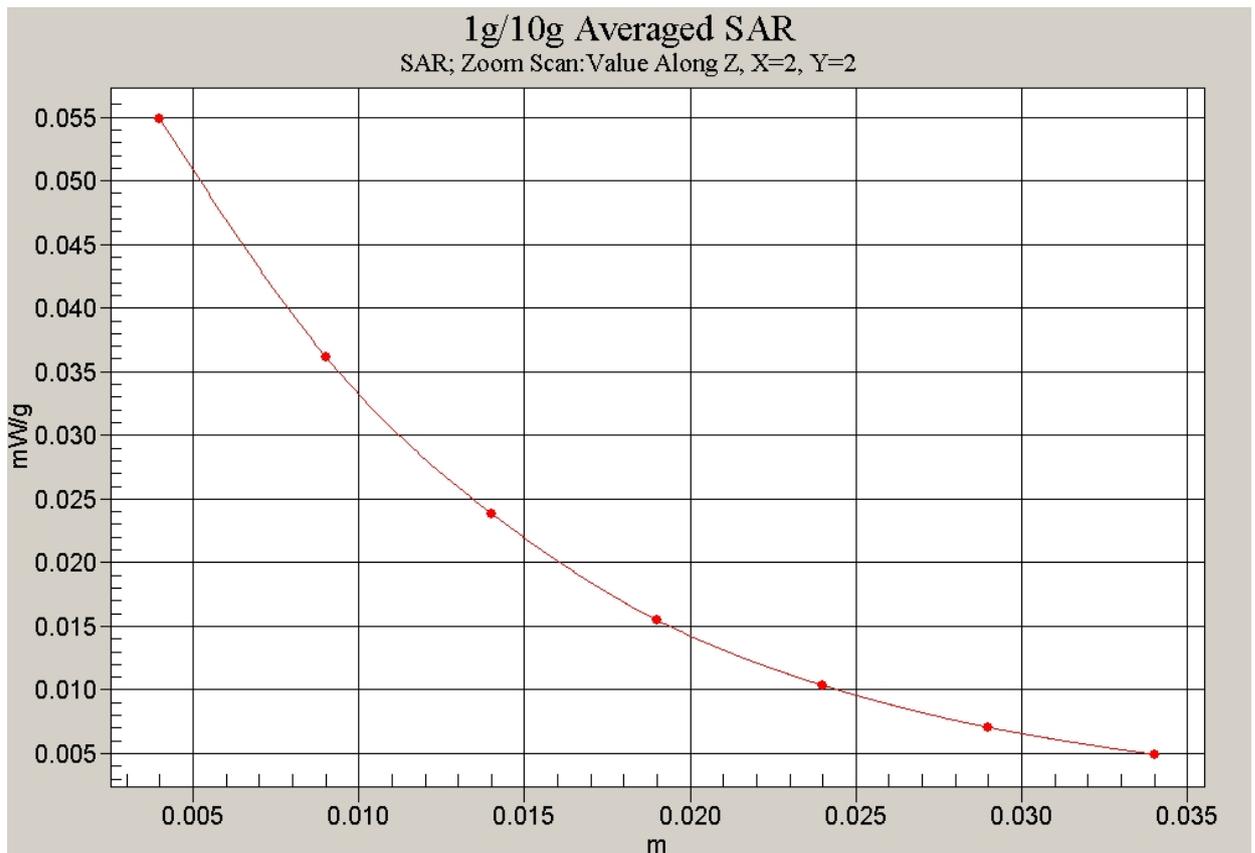
Reference Value = 5.98 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.055 mW/g

0 dB = 0.055mW/g

Fig. 83 WCDMA 1900MHz, Body, Towards Phantom, CH9538-flip closed

Fig. 84 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Phantom, CH9538-flip closed)

WCDMA 1900 Body Toward Phantom Middle with Headset -flip closed

Date/Time: 2008-6-11 9:18:05

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.47 mho/m; ε_r = 52.2; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

Maximum value of SAR (interpolated) = 0.067 mW/g

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

Reference Value = 6.48 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.040 mW/g
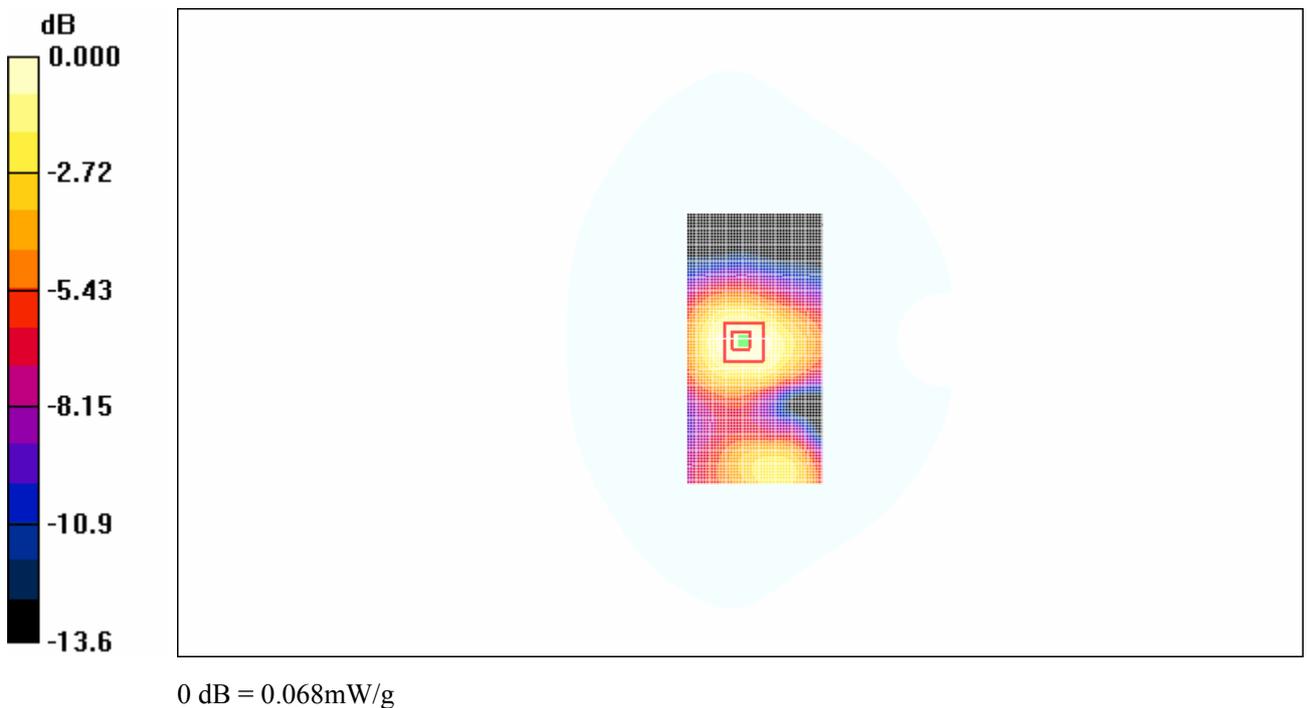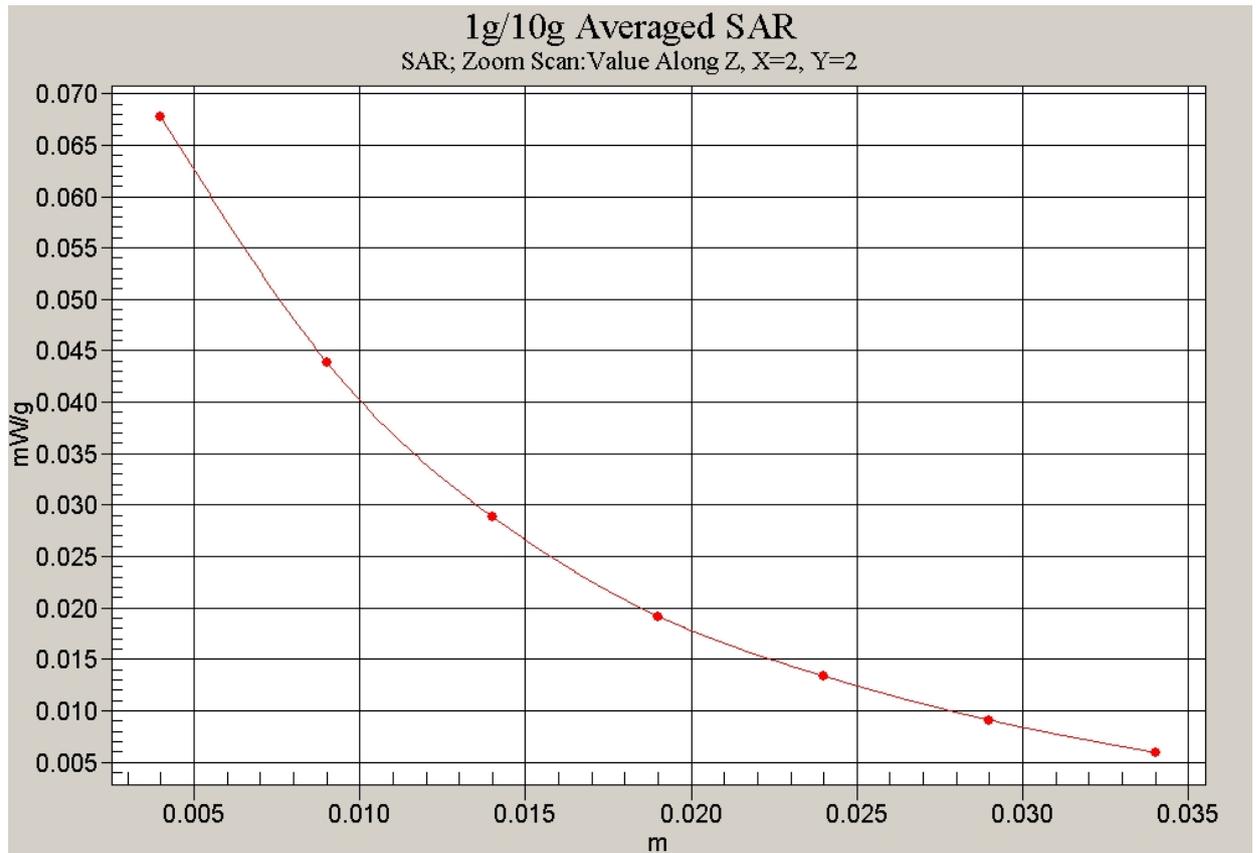
Maximum value of SAR (measured) = 0.068 mW/g

0 dB = 0.068mW/g

Fig. 85 WCDMA 1900MHz, Body, Towards Phantom, CH9400-flip closed

Fig. 86 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Phantom, CH9400-flip closed)

WCDMA 1900 Body Toward Phantom Low with Headset -flip closed

Date/Time: 2008-6-11 9:31:12

Electronics: DAE4 Sn777

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.45 mho/m; ε_r = 52.2; 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 - SN3142 ConvF(4.61, 4.61, 4.61)

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

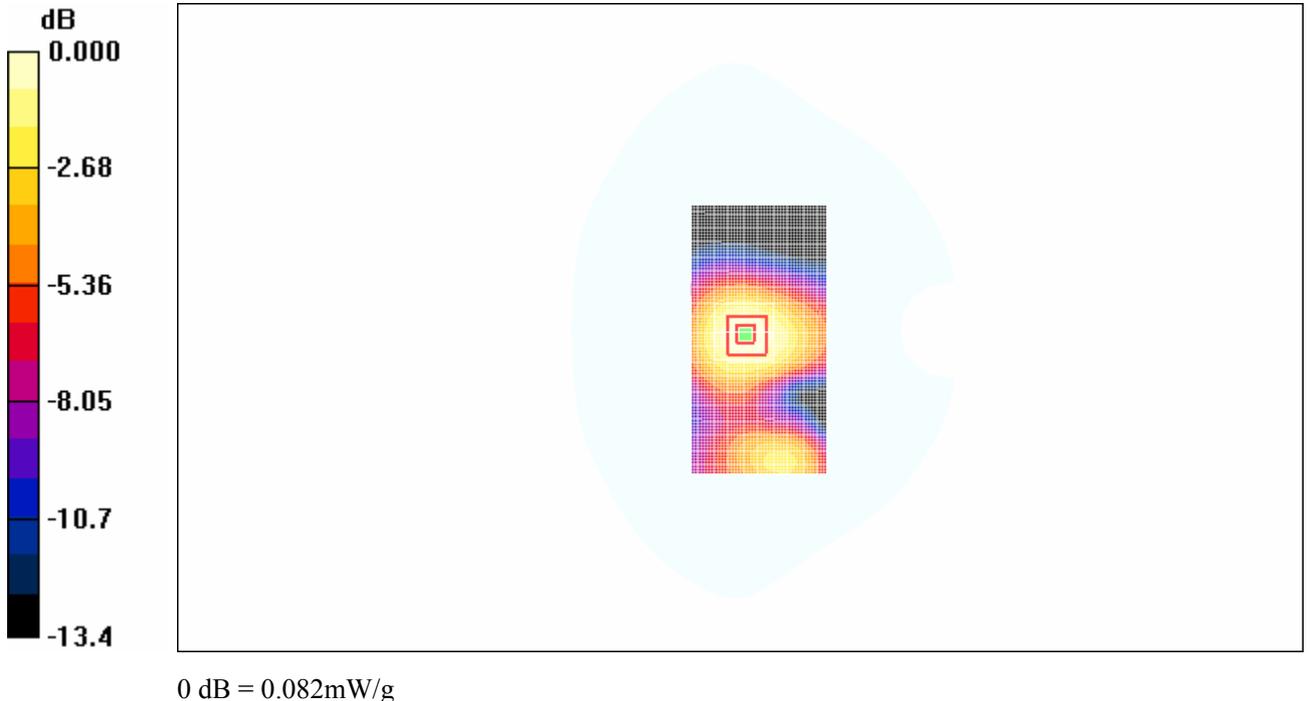Maximum value of SAR (interpolated) = 0.081 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
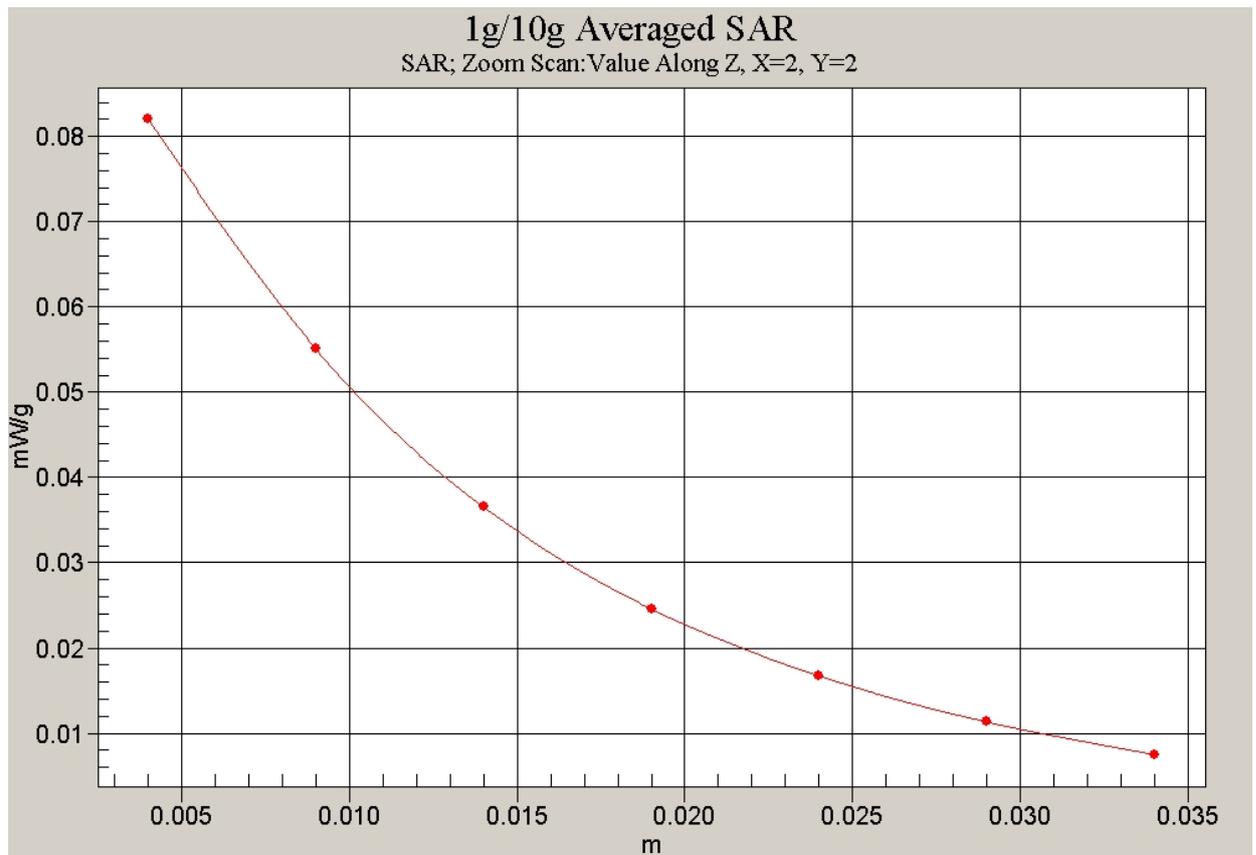
Reference Value = 7.24 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

0 dB = 0.082mW/g

Fig. 87 WCDMA 1900MHz, Body, Towards Phantom, CH9262-flip closed

Fig. 88 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Phantom, CH9262-flip closed)

850 Left Cheek High

Date/Time: 2008-6-10 8:45:41

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 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: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

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

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

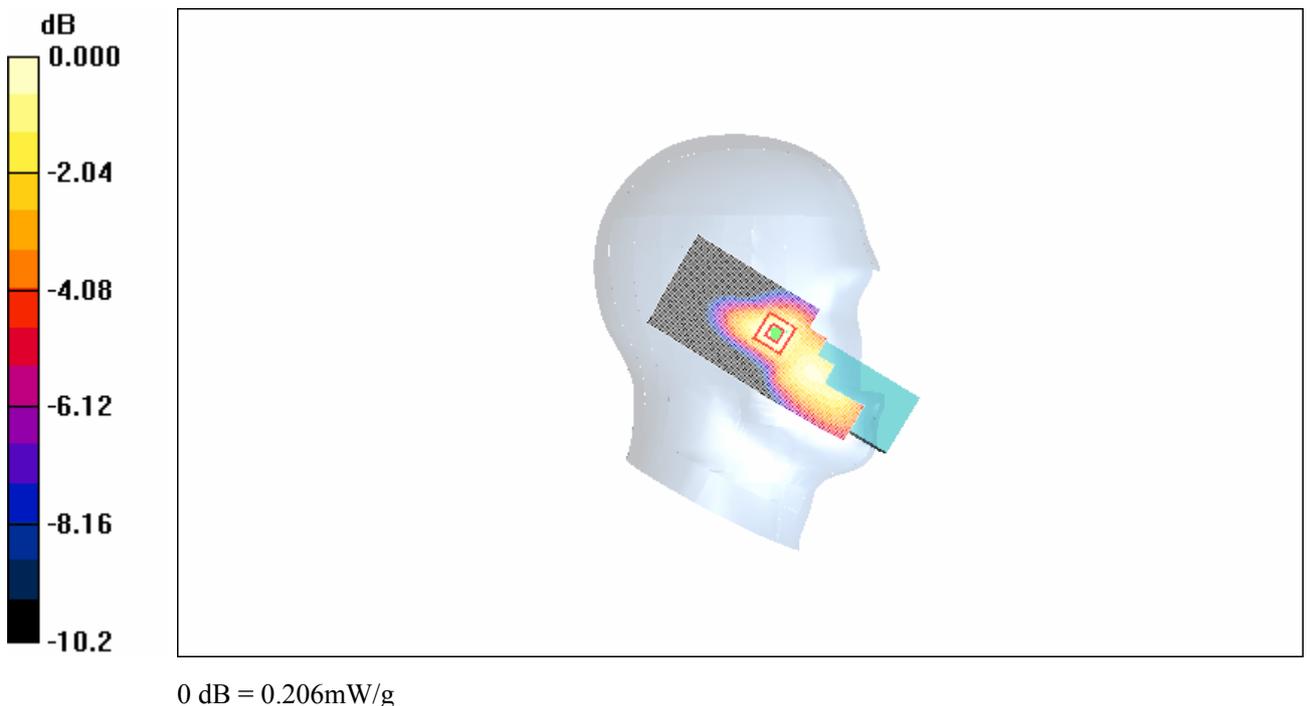Maximum value of SAR (interpolated) = 0.219 mW/g

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

Reference Value = 4.71 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.206 mW/g

0 dB = 0.206mW/g

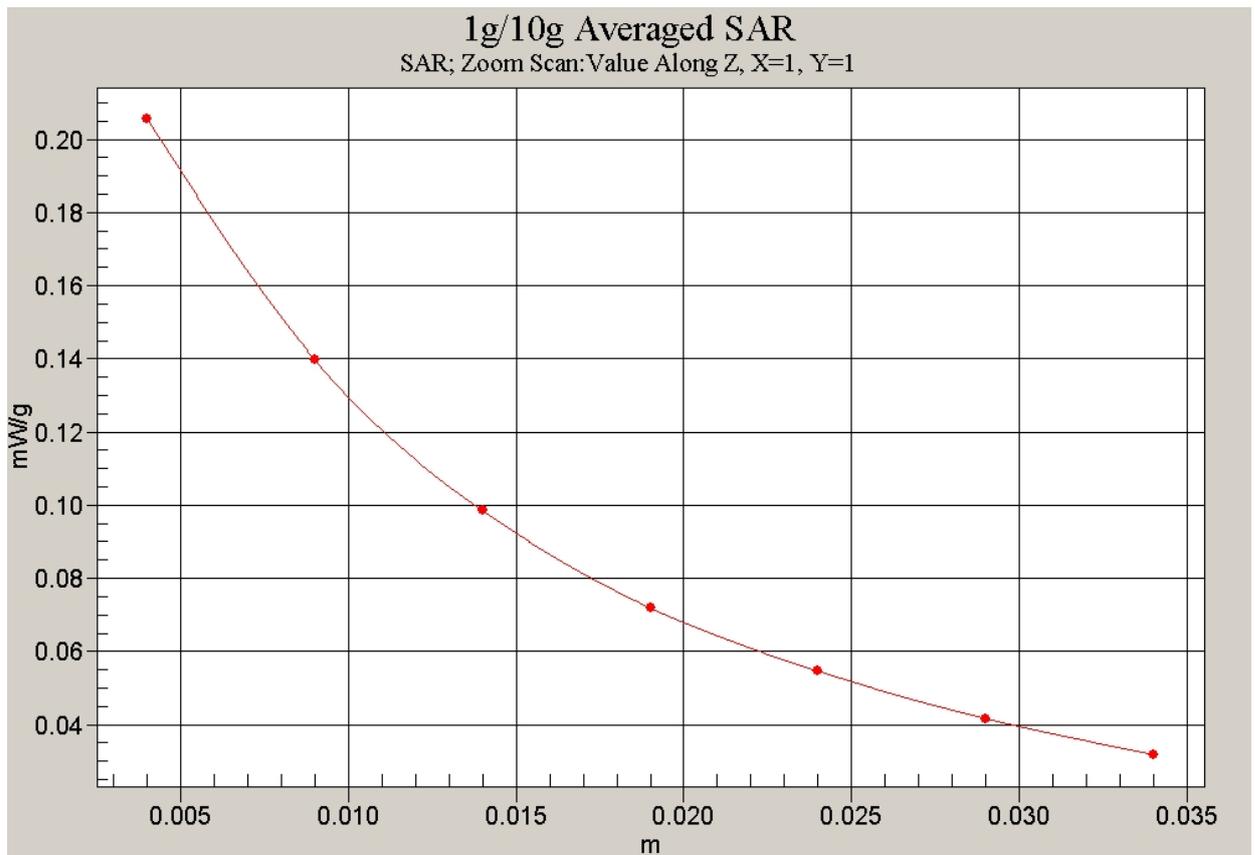**Fig. 89 Left Hand Touch Cheek 850MHz CH251**

Fig.90 Z-Scan at power reference point (850MHz CH251)

850 Left Cheek Middle

Date/Time: 2008-6-10 8:58:03

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 836.6 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: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

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

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

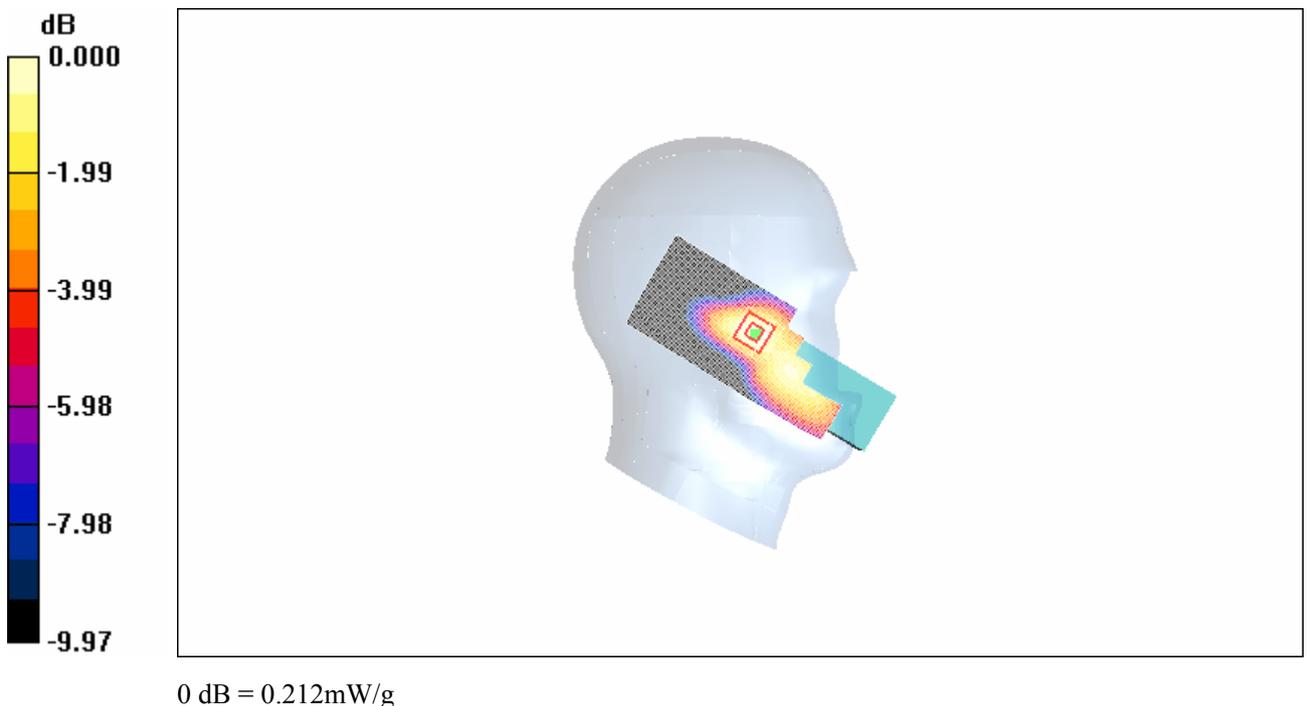Maximum value of SAR (interpolated) = 0.232 mW/g

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

Reference Value = 4.66 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.212 mW/g

0 dB = 0.212mW/g

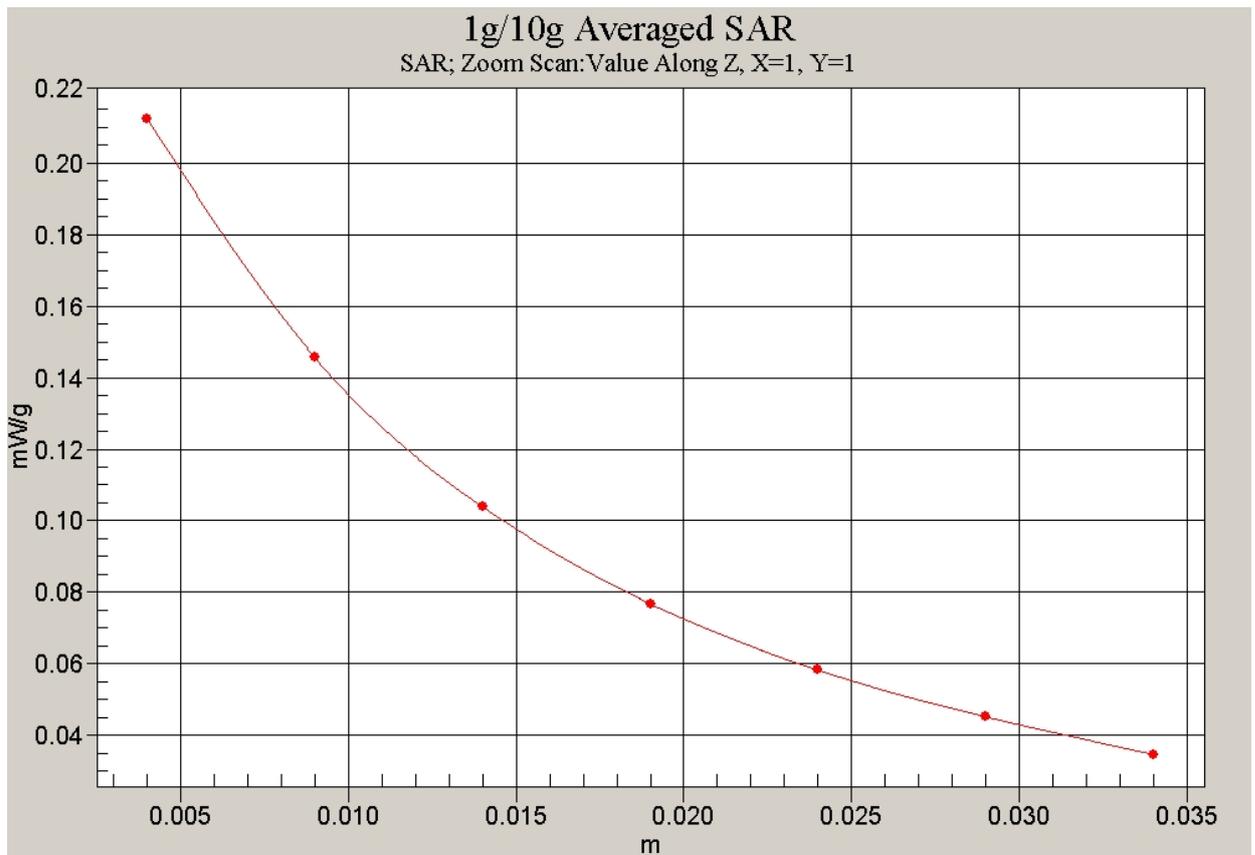**Fig. 91 Left Hand Touch Cheek 850MHz CH190**

Fig. 92 Z-Scan at power reference point (850MHz CH190)

850 Left Cheek Low

Date/Time: 2008-6-10 9:09:39

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used: f = 825 MHz; σ = 0.897 mho/m; ε_r = 44; ρ = 1000 kg/m^3

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

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

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

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

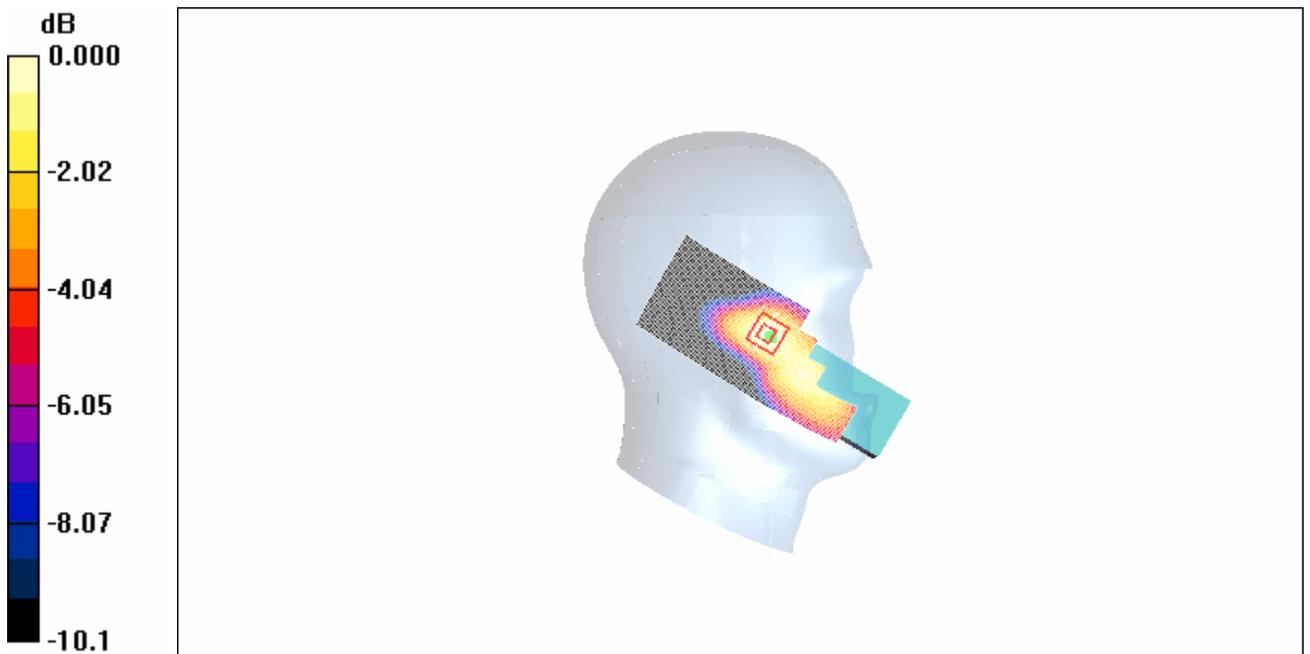Maximum value of SAR (interpolated) = 0.172 mW/g

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

Reference Value = 3.87 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.163 mW/g

0 dB = 0.163mW/g
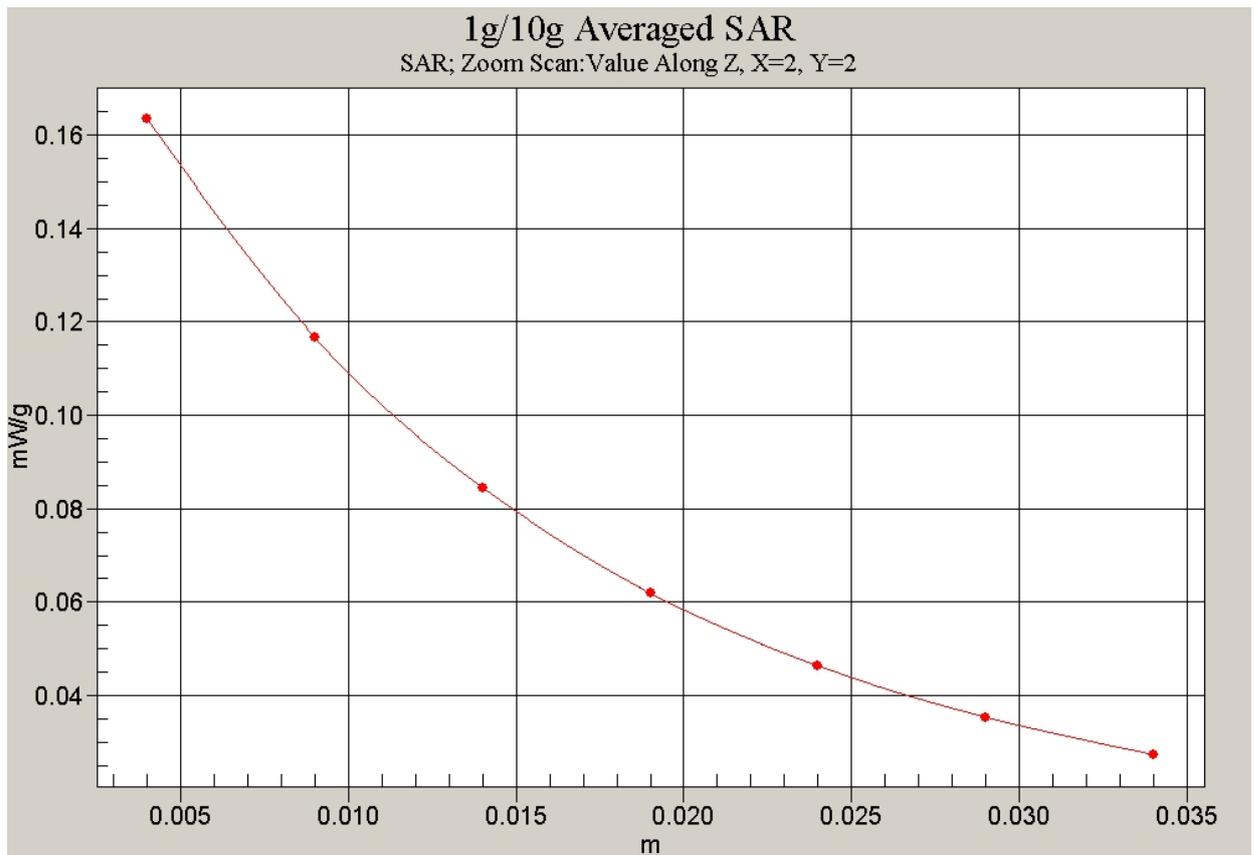

Fig. 93 Left Hand Touch Cheek 850MHz CH128

Fig. 94 Z-Scan at power reference point (850MHz CH128)

850 Left Tilt High

Date/Time: 2008-6-10 9:43:50

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 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: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

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

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

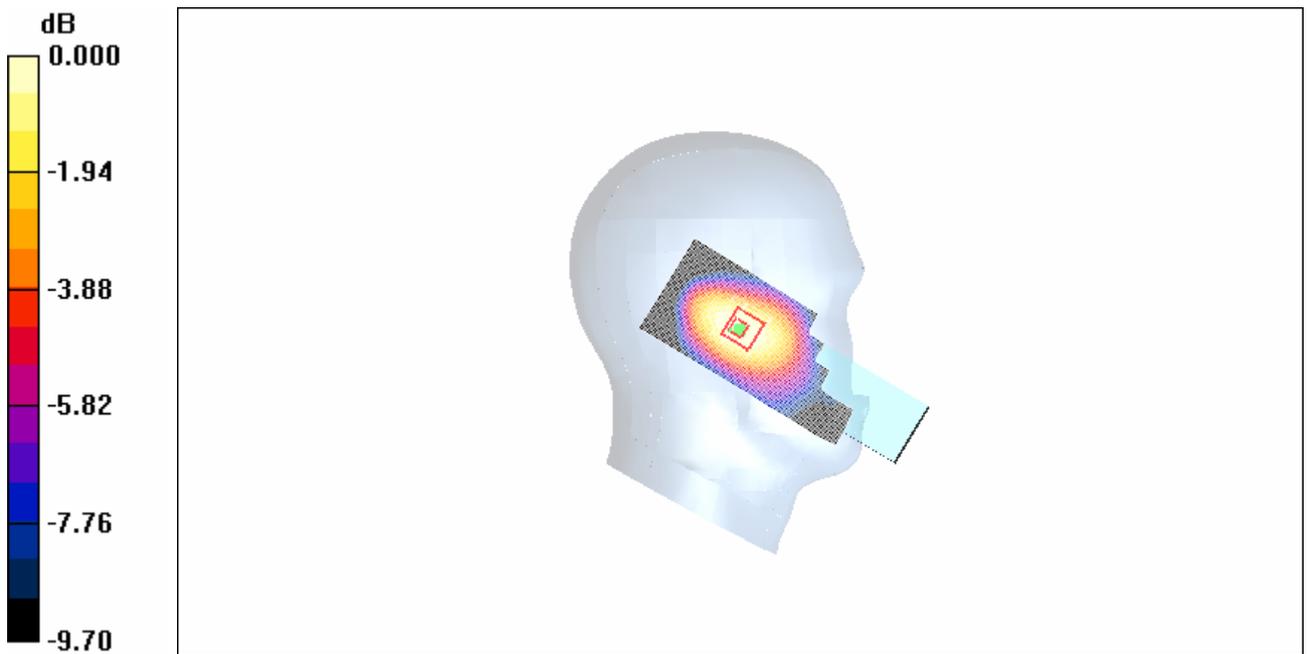Maximum value of SAR (interpolated) = 0.082 mW/g

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

Reference Value = 6.90 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.052 mW/g

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

0 dB = 0.075mW/g

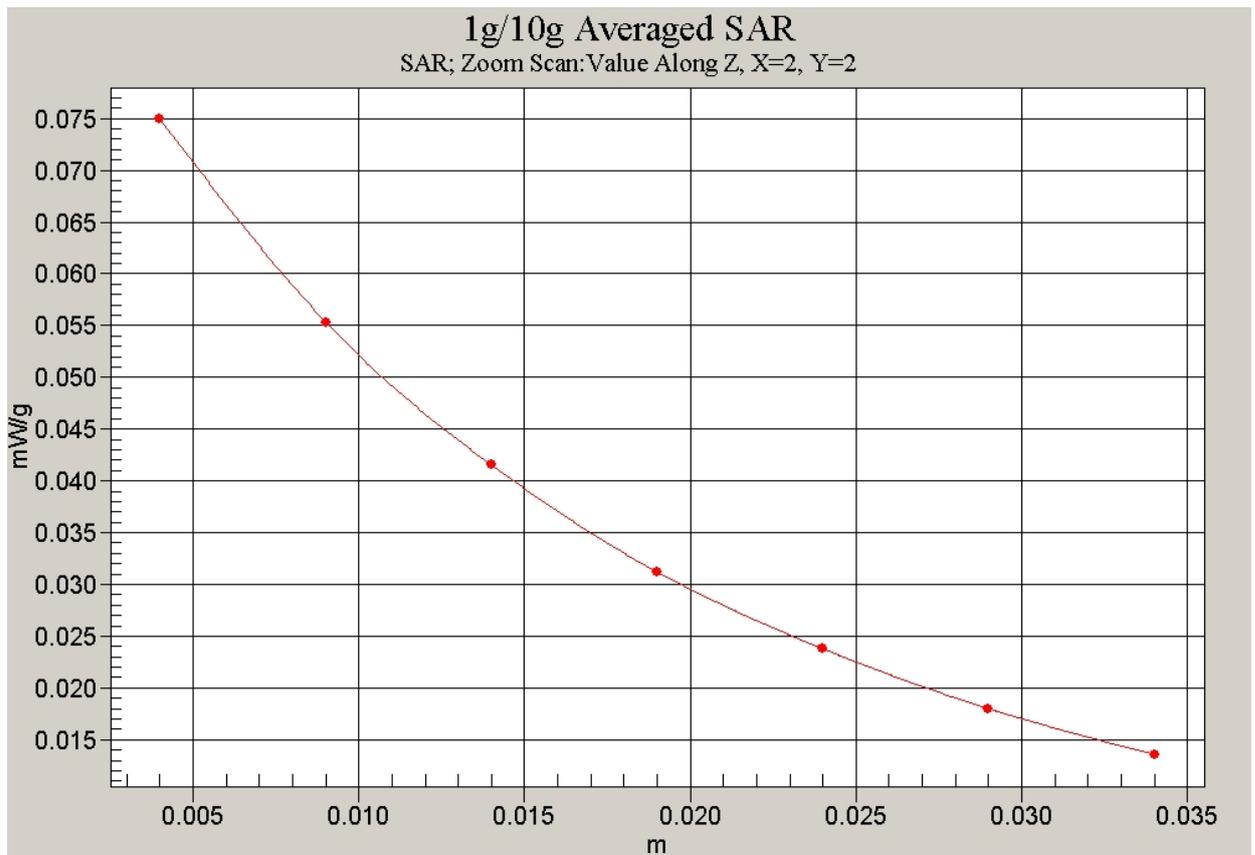
Fig. 95 Left Hand Tilt 15°850MHz CH251

Fig. 96 Z-Scan at power reference point (850MHz CH251)

850 Left Tilt Middle

Date/Time: 2008-6-10 9:32:22

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 836.6 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: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.091 mW/g

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

Reference Value = 7.25 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.058 mW/g

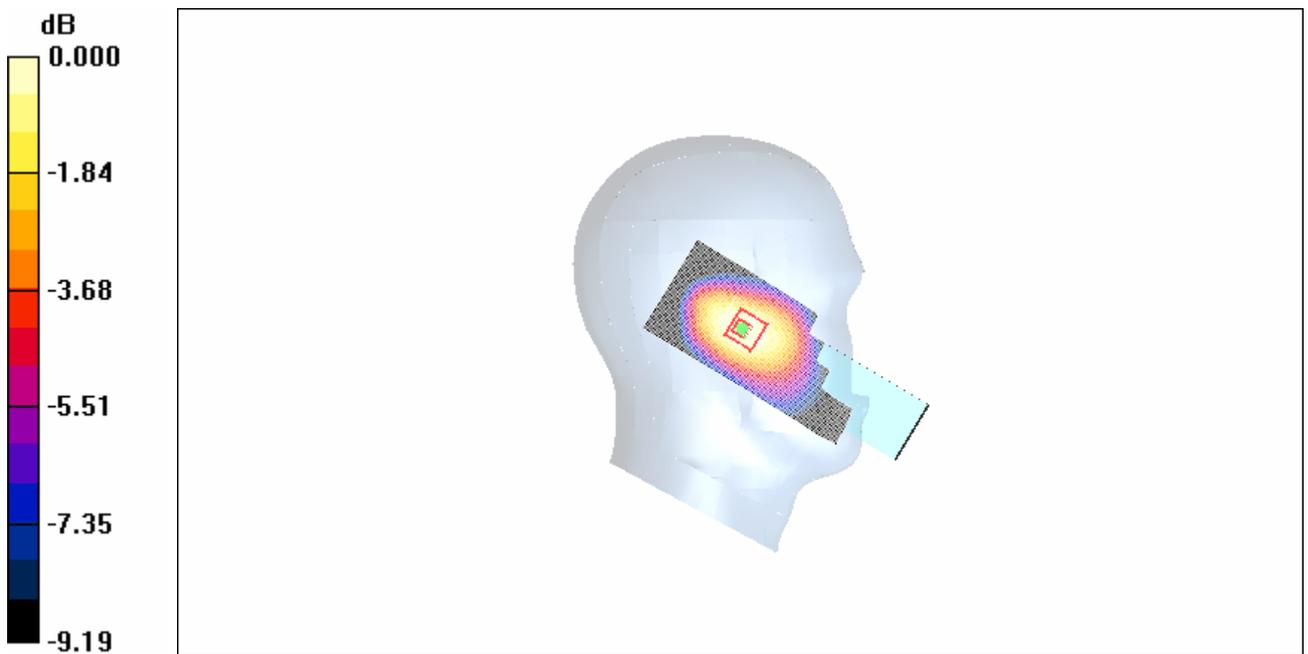Maximum value of SAR (measured) = 0.082 mW/g

0 dB = 0.082mW/g

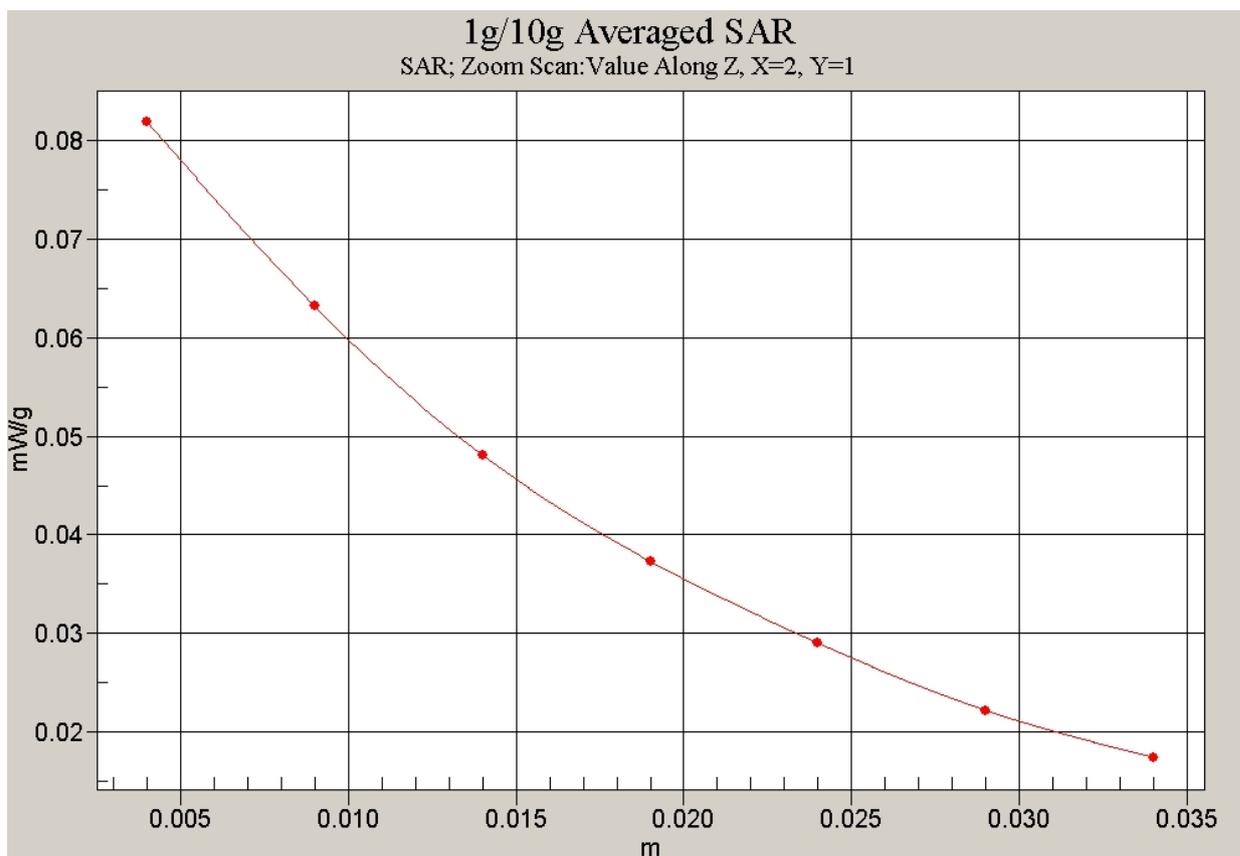**Fig. 97 Left Hand Tilt 15°PCS 850MHz CH190**

Fig. 98 Z-Scan at power reference point (850MHz CH190)

850 Left Tilt Low

Date/Time: 2008-6-10 9:21:24

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used: f = 825 MHz; σ = 0.897 mho/m; ε_r = 44; ρ = 1000 kg/m^3

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

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

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

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

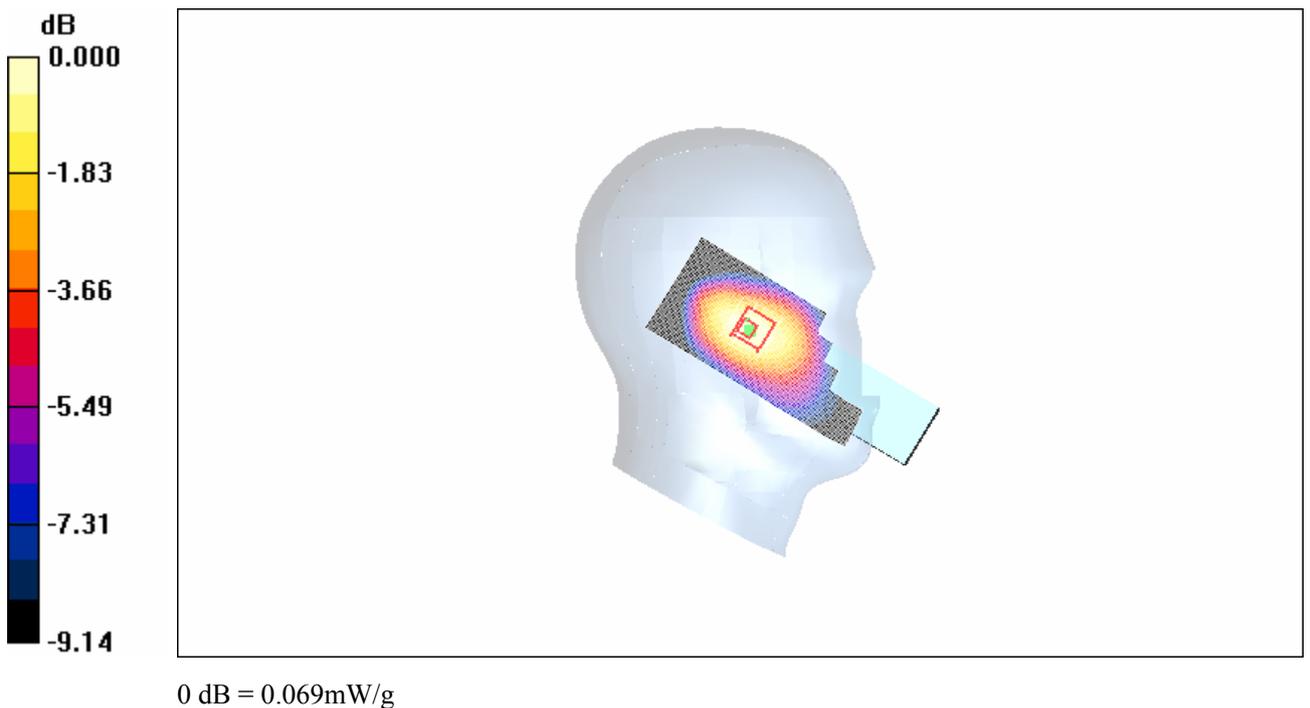Maximum value of SAR (interpolated) = 0.072 mW/g

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

Reference Value = 6.49 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.048 mW/g

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

0 dB = 0.069mW/g

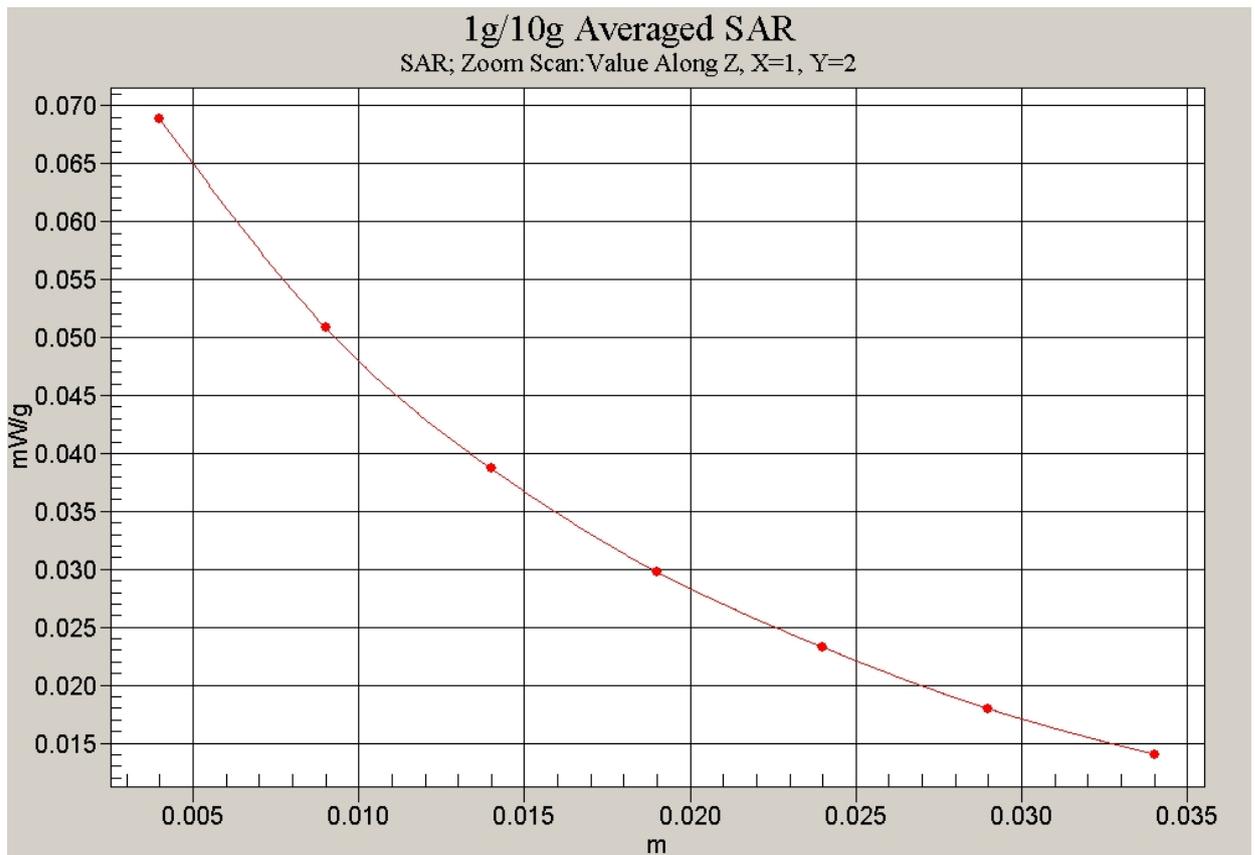**Fig. 99 Left Hand Tilt 15°850MHz CH128**

Fig. 100 Z-Scan at power reference point (850MHz CH128)

850 Right Cheek High

Date/Time: 2008-6-10 10:03:16

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 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: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

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

Cheek High/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
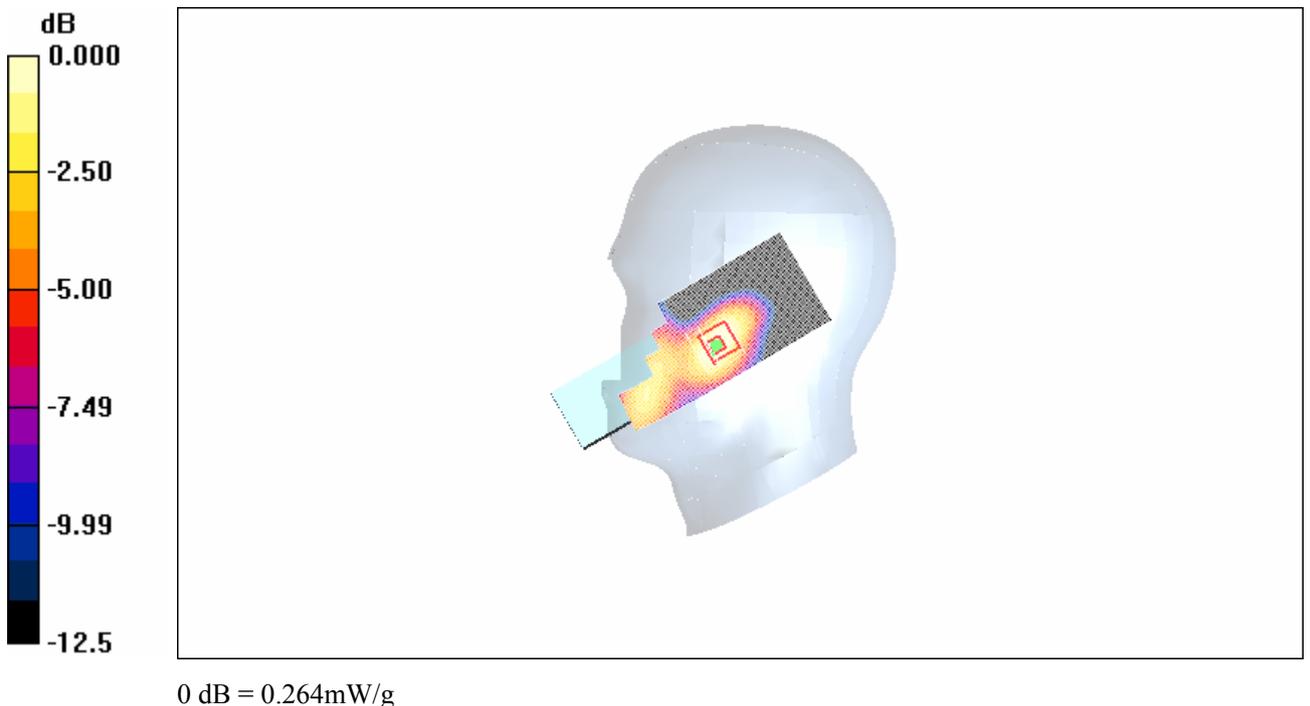
Maximum value of SAR (interpolated) = 0.296 mW/g

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

Reference Value = 4.10 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.264 mW/g

0 dB = 0.264mW/g

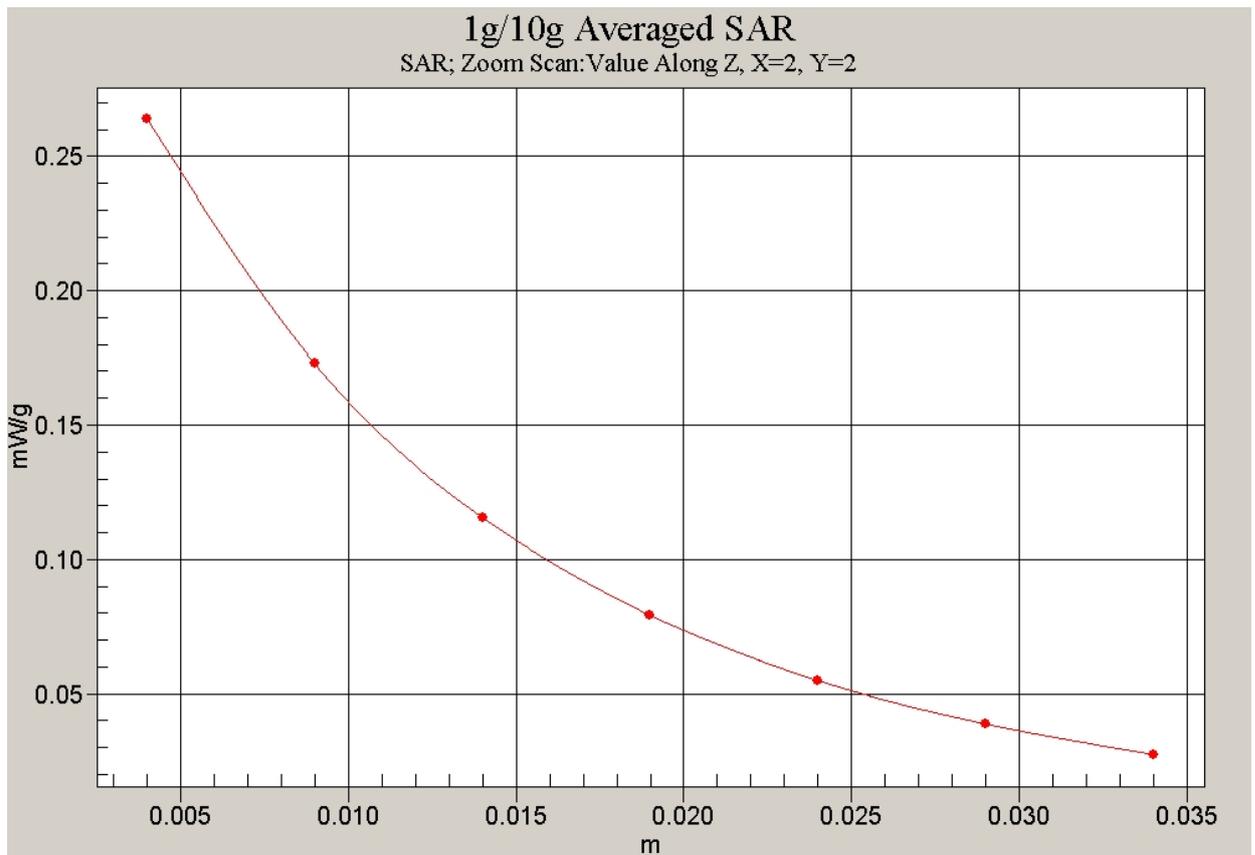**Fig. 101 Right Hand Touch Cheek 850MHz CH251**

Fig. 102 Z-Scan at power reference point (850MHz CH251)

850 Right Cheek Middle

Date/Time: 2008-6-10 10:36:27

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): f = 836.6 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: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

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

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

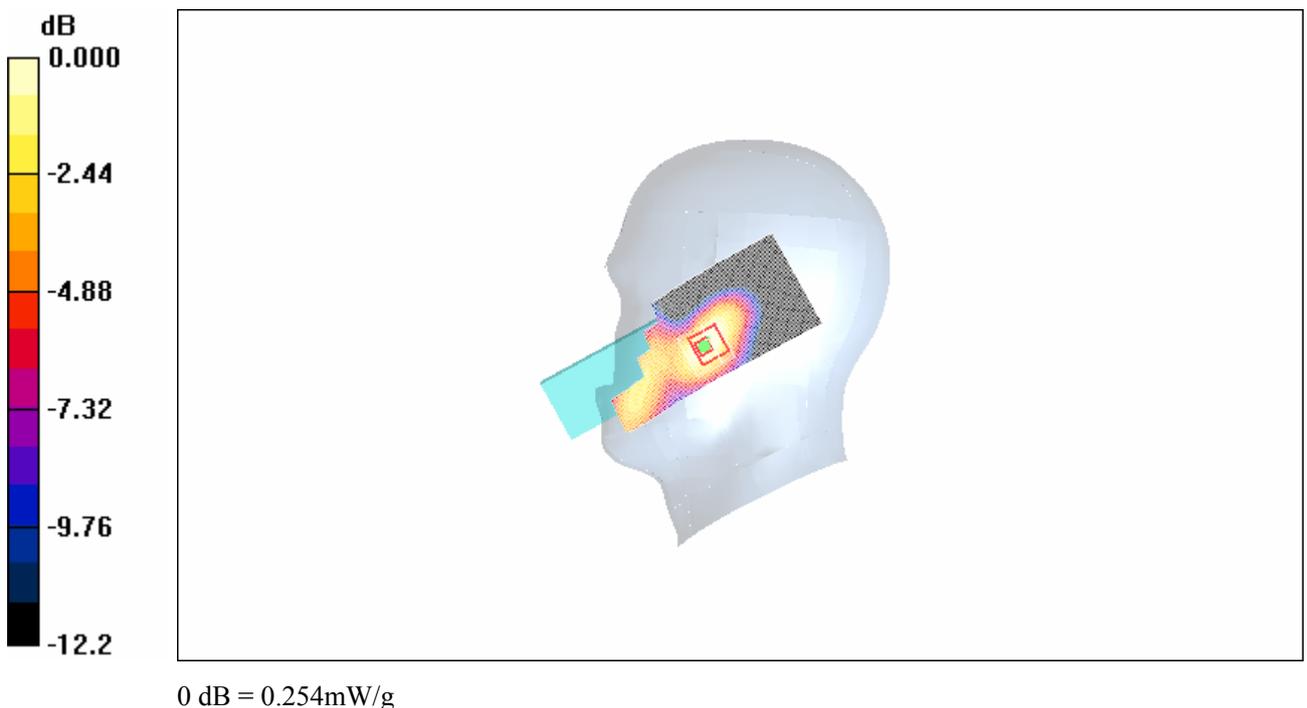Maximum value of SAR (interpolated) = 0.288 mW/g

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

Reference Value = 4.47 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.154 mW/g

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

0 dB = 0.254mW/g
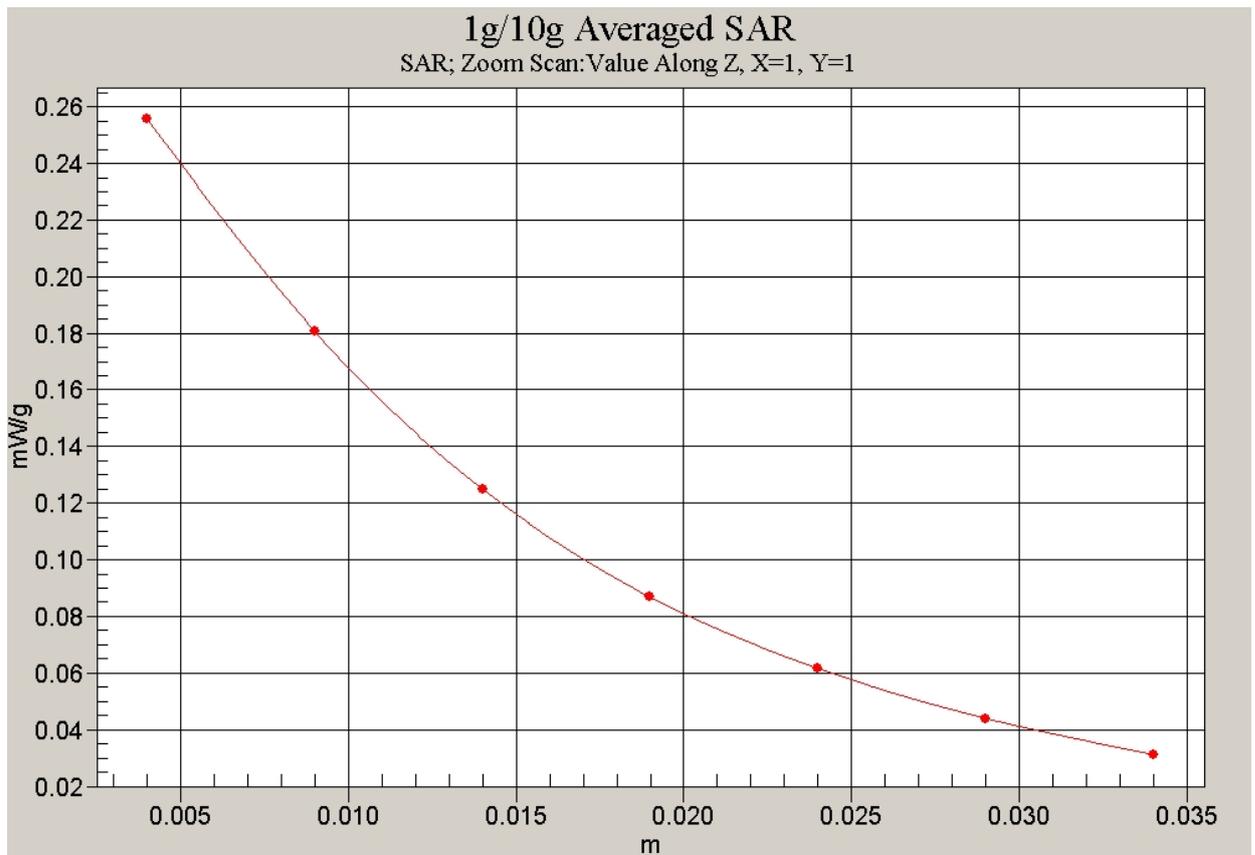

Fig.103 Right Hand Touch Cheek 850MHz CH190

Fig. 104 Z-Scan at power reference point (850MHz CH190)