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

WCDMA 1900 Left Tilt Middle

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{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

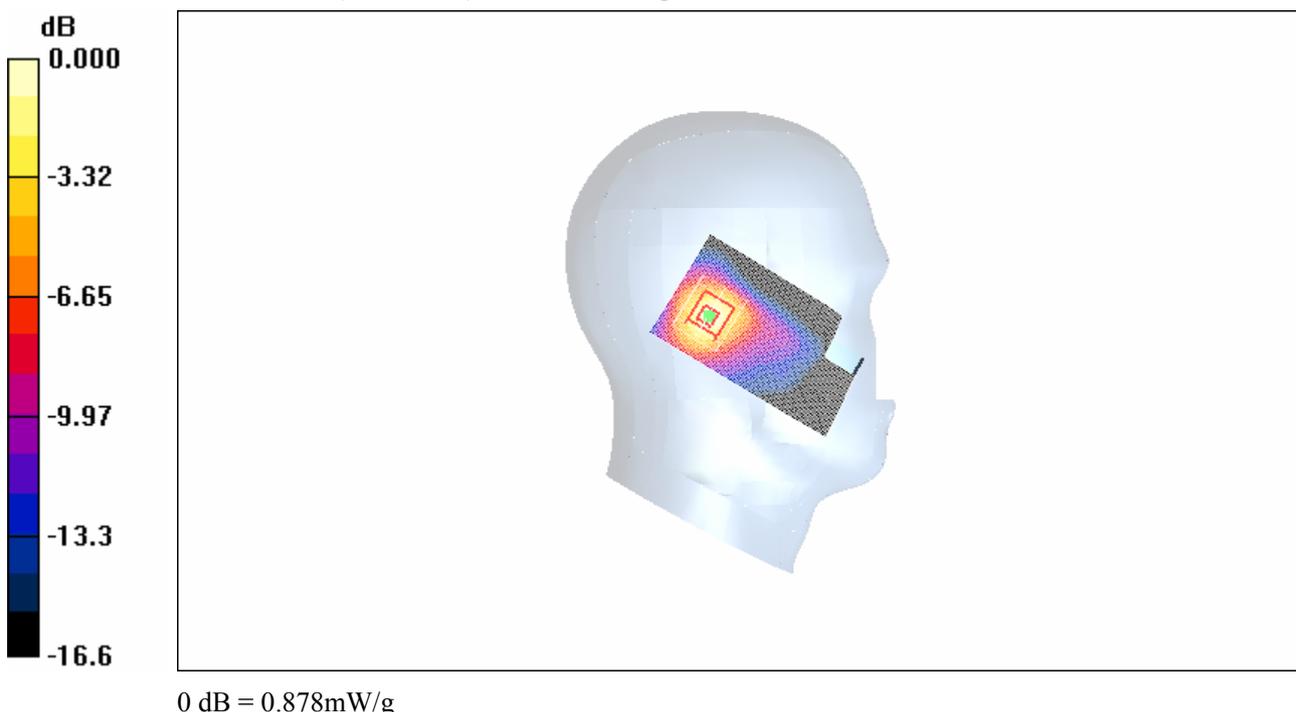Maximum value of SAR (interpolated) = 0.851 mW/g

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

Reference Value = 24.2 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.405 mW/g

Maximum value of SAR (measured) = 0.878 mW/g

0 dB = 0.878mW/g

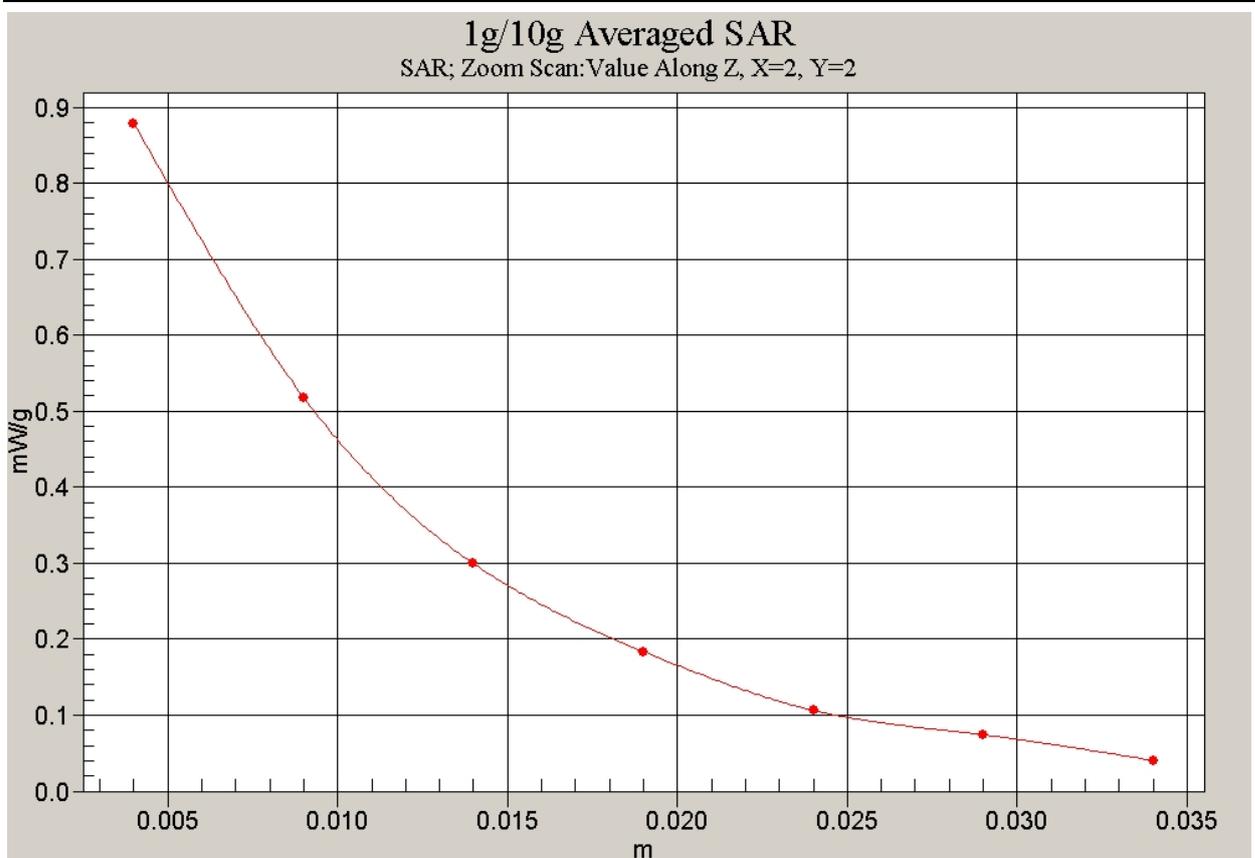**Fig. 47 Left Hand Tilt 15°WCDMA 1900MHz CH9400**

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

WCDMA 1900 Left Tilt Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{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

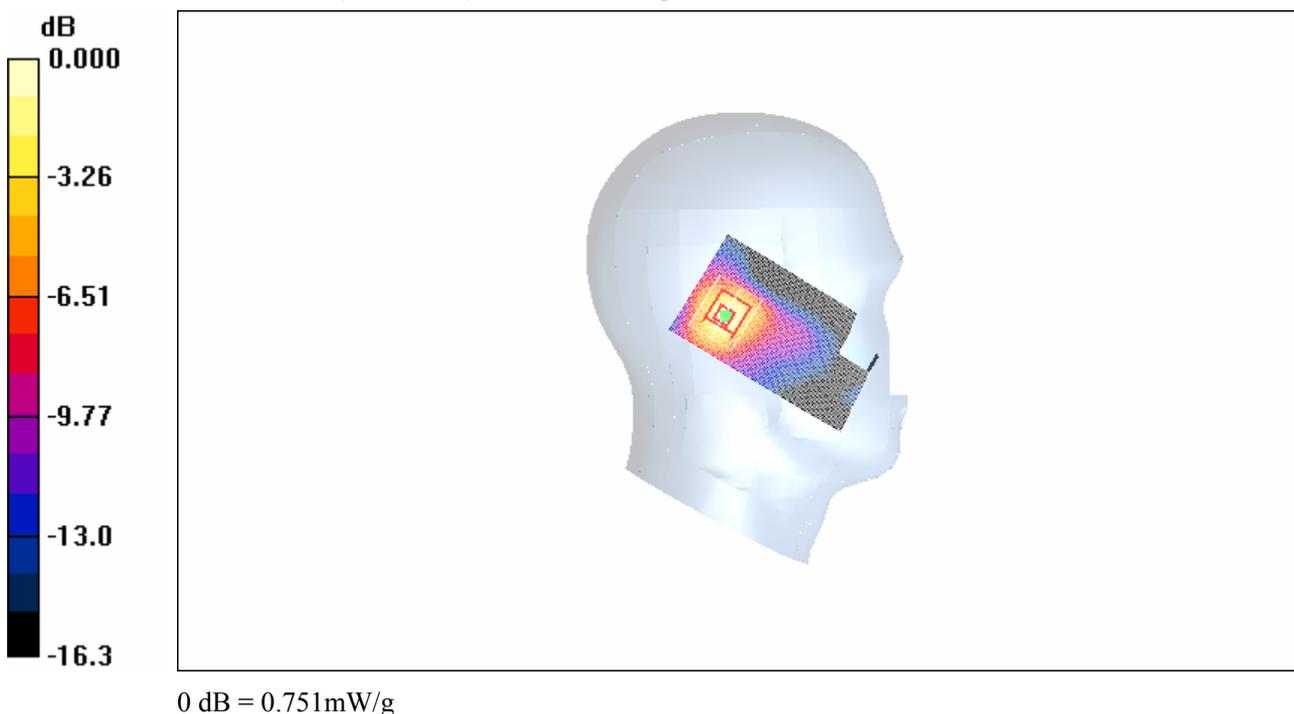Maximum value of SAR (interpolated) = 0.725 mW/g

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

Reference Value = 21.8 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.751 mW/g

0 dB = 0.751mW/g

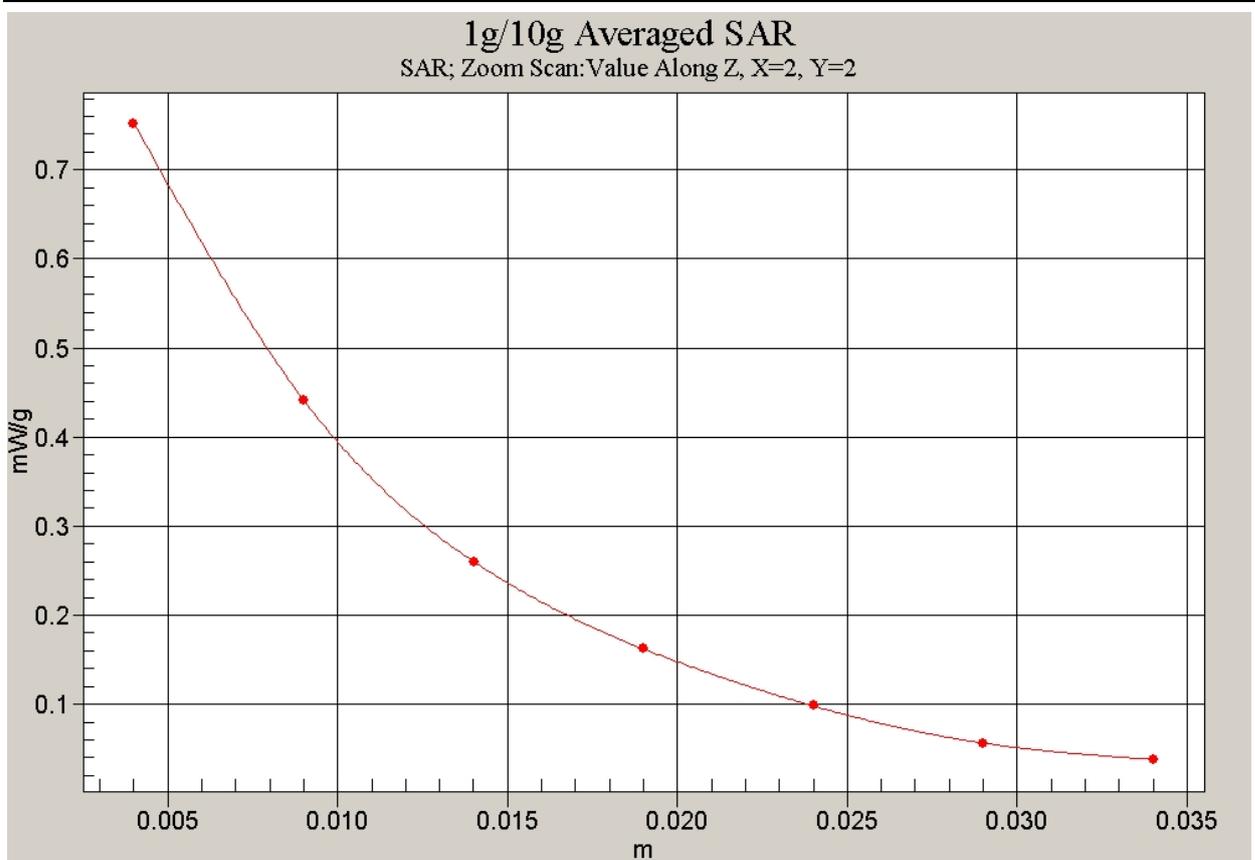**Fig. 49 Left Hand Tilt 15°WCDMA 1900MHz CH9262**

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

WCDMA 1900 Right Cheek High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{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

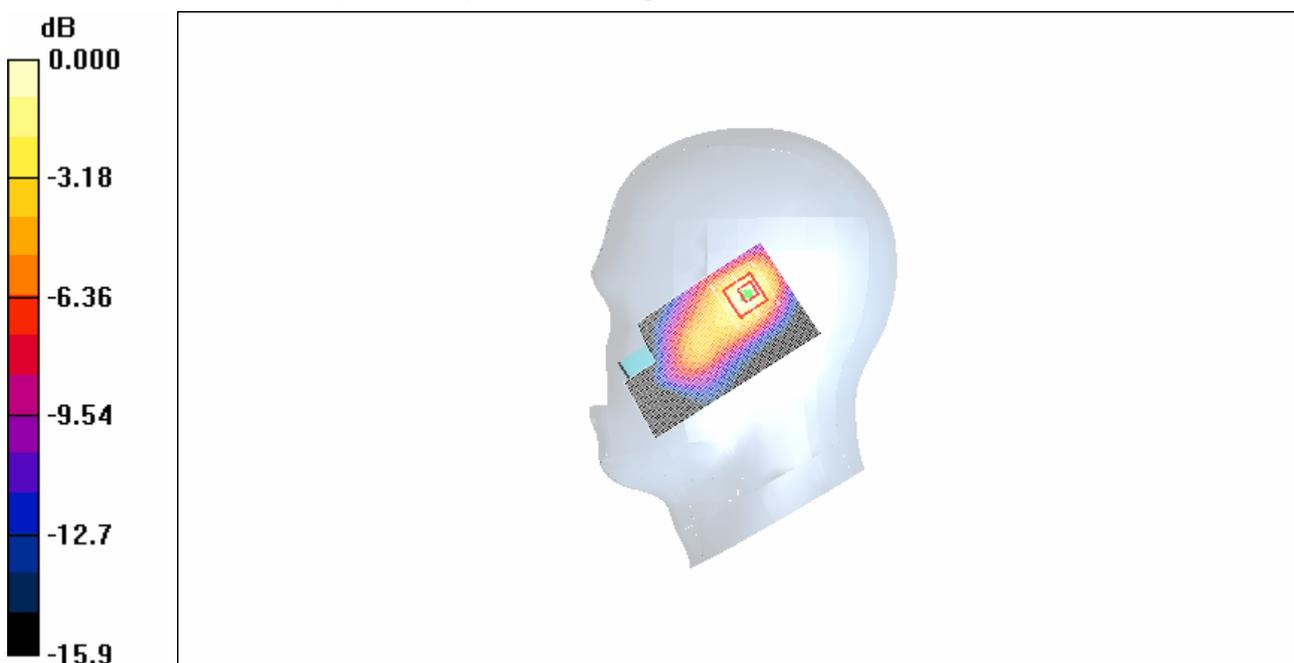Maximum value of SAR (interpolated) = 1.12 mW/g

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

Reference Value = 19.9 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

0 dB = 1.13mW/g
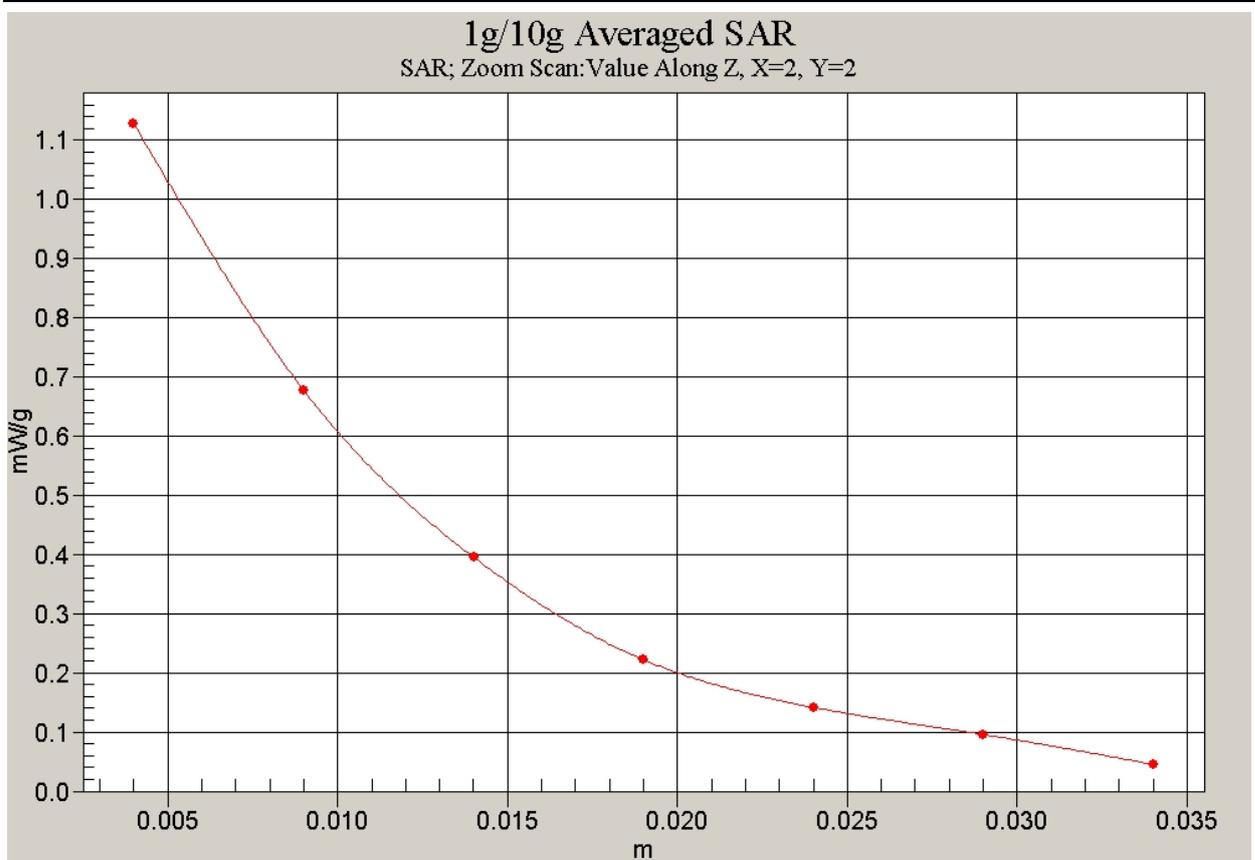

Fig. 51 Right Hand Touch Cheek WCDMA 1900MHz CH9538

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

WCDMA 1900 Right Cheek Middle

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C Liqiud Temperature: 24.0^{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
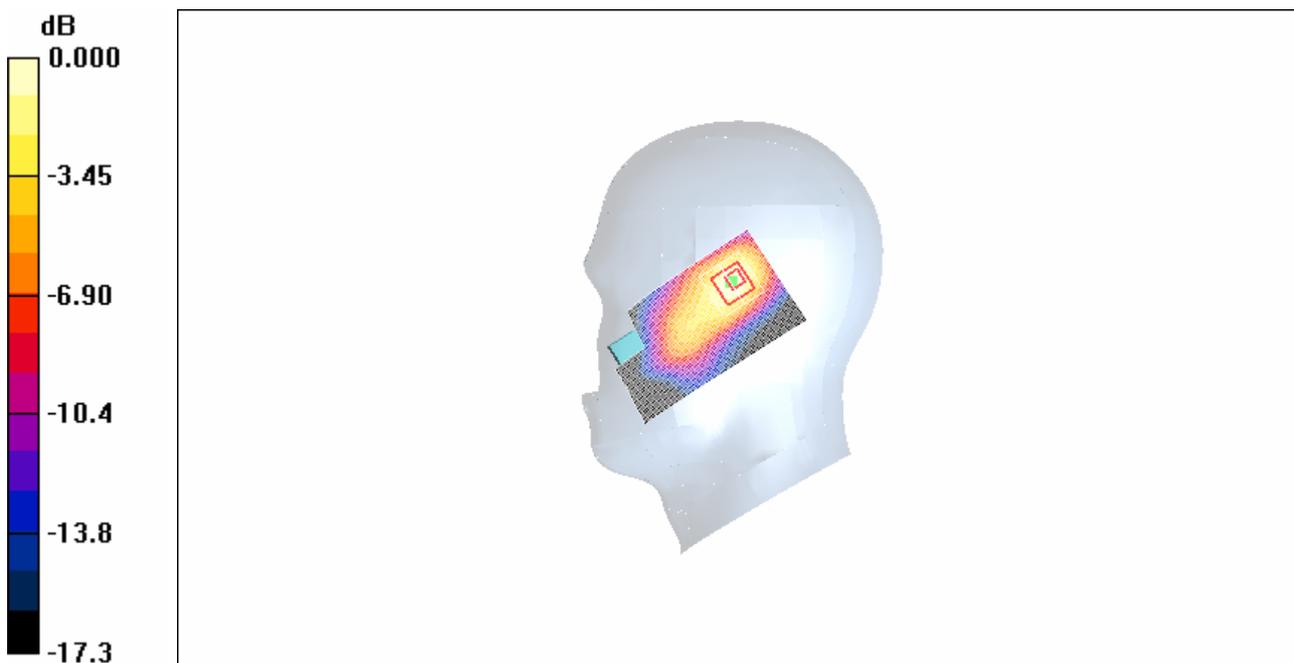
Maximum value of SAR (interpolated) = 1.07 mW/g

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

Reference Value = 19.5 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.532 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

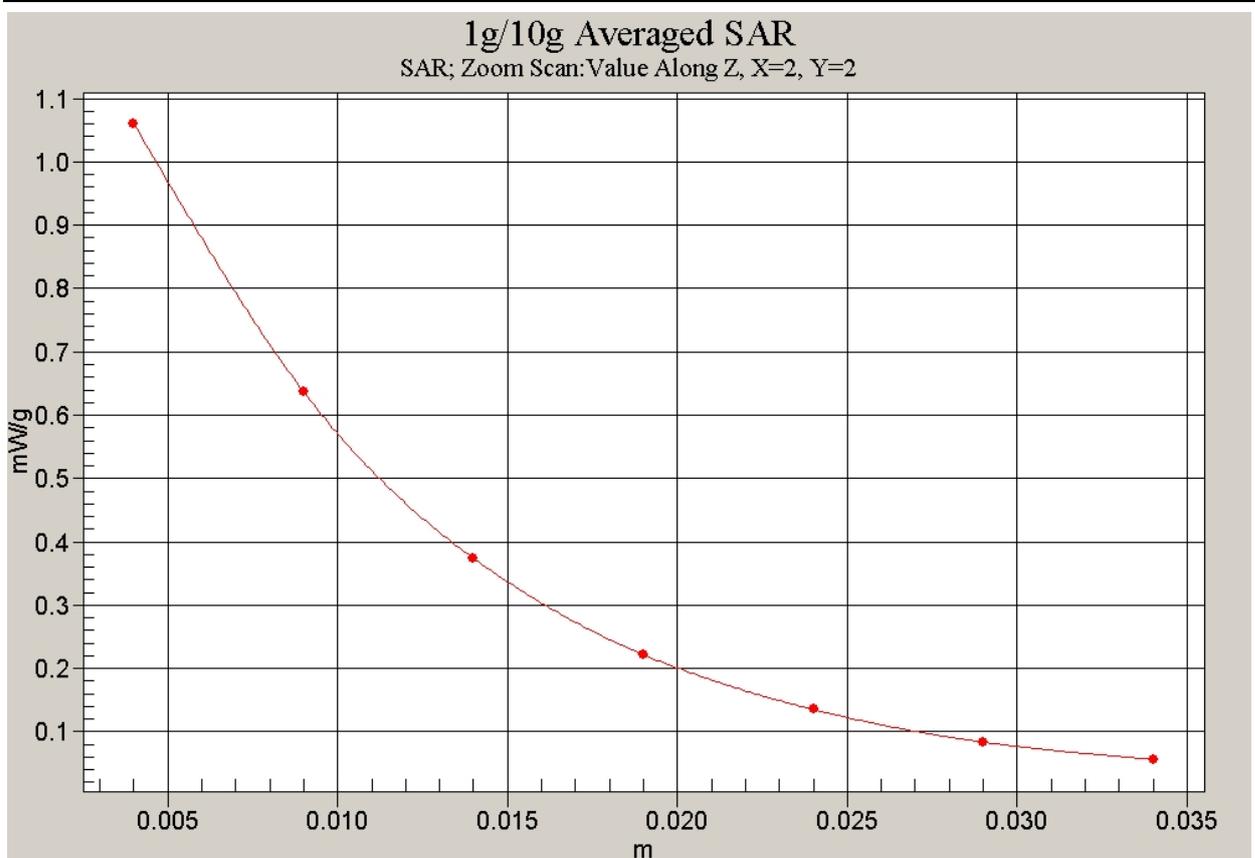0 dB = 1.06mW/g

Fig.53 Right Hand Touch Cheek WCDMA 1900MHz CH9400

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

WCDMA 1900 Right Cheek Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

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

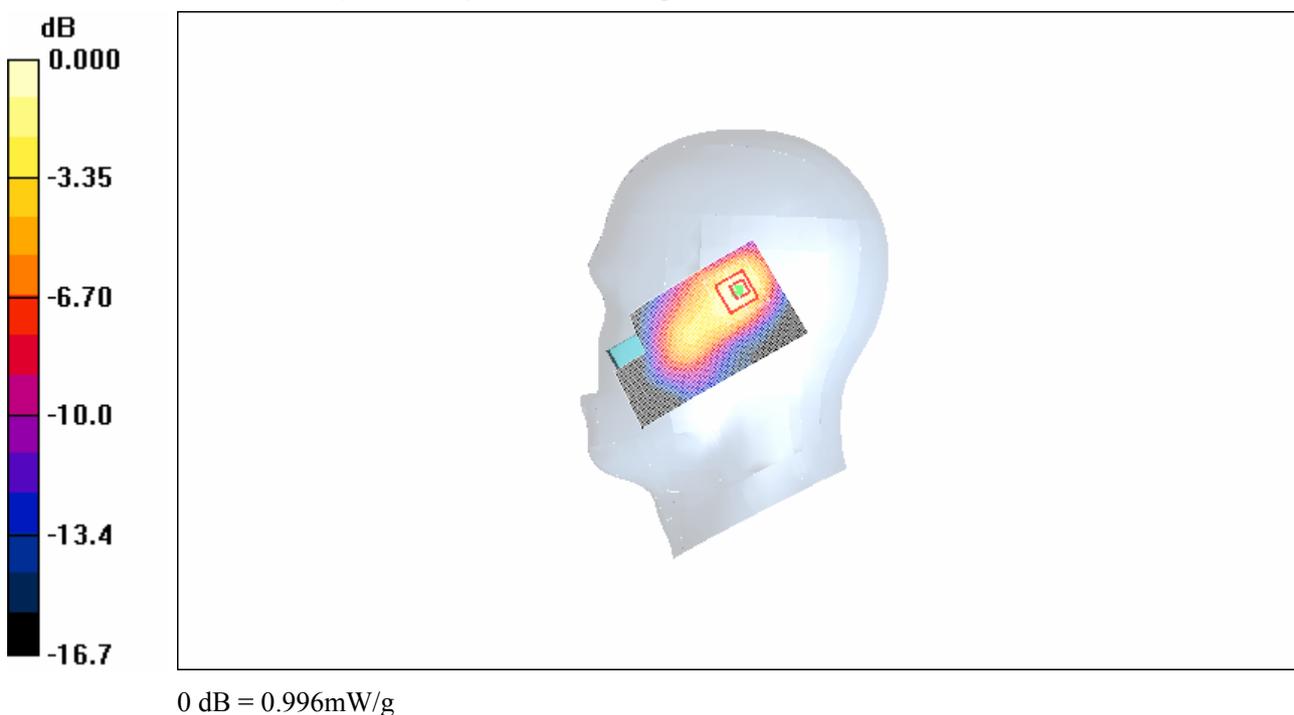Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 1.03 mW/g

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

Reference Value = 19.4 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.996 mW/g

0 dB = 0.996mW/g

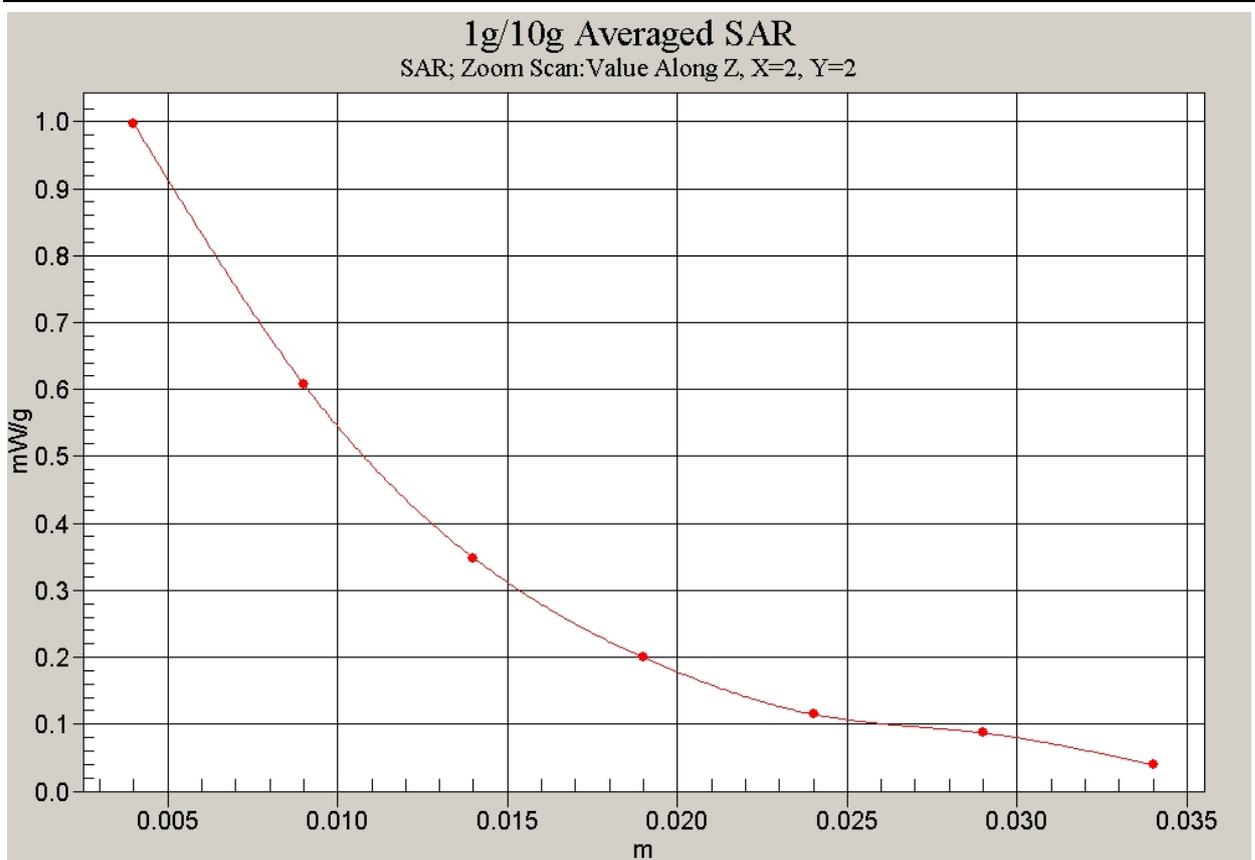**Fig. 55 Right Hand Touch Cheek WCDMA 1900MHz CH9262**

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

WCDMA 1900 Right Tilt High

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.37 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{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

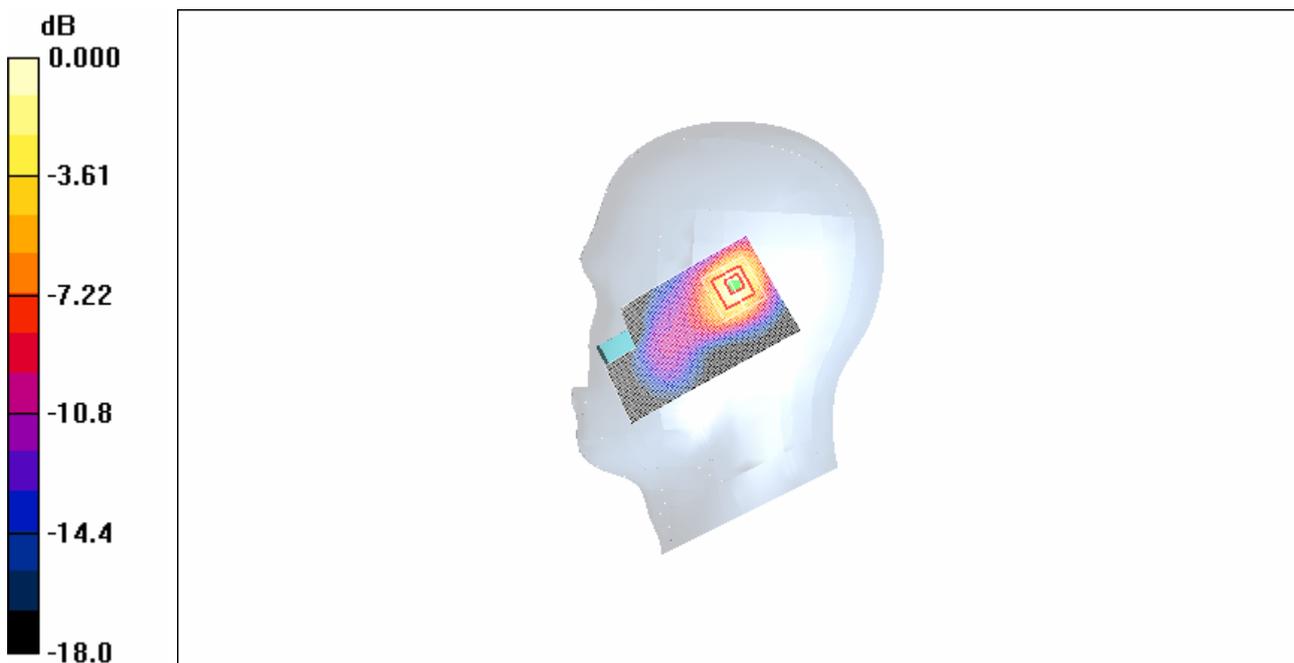Maximum value of SAR (interpolated) = 1.20 mW/g

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

Reference Value = 22.4 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.577 mW/g

Maximum value of SAR (measured) = 1.26 mW/g

0 dB = 1.26mW/g

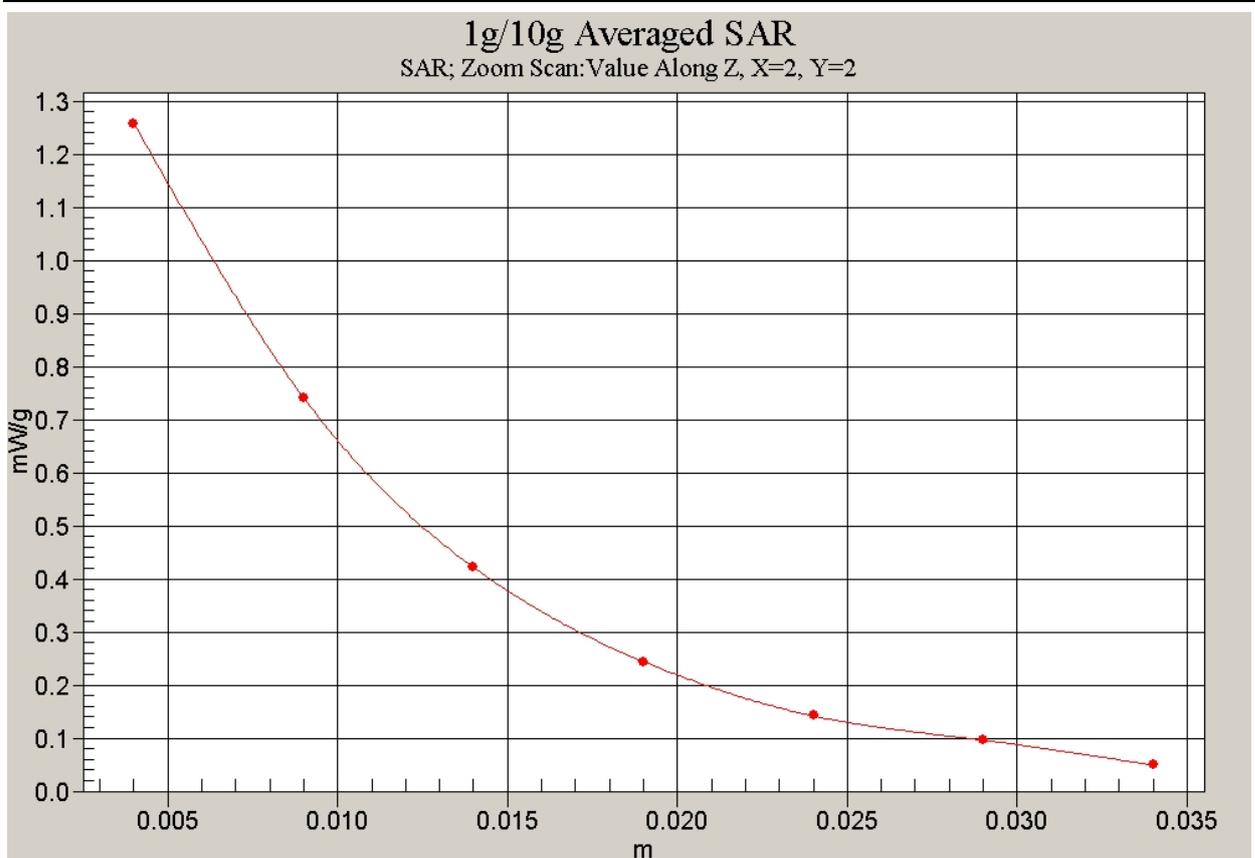**Fig. 57 Right Hand Tilt 15°WCDMA 1900MHz CH9538**

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

WCDMA 1900 Right Tilt Middle

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.7; ρ = 1000 kg/m³

Ambient Temperature:24.5°C   Liqiud Temperature: 24.0°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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

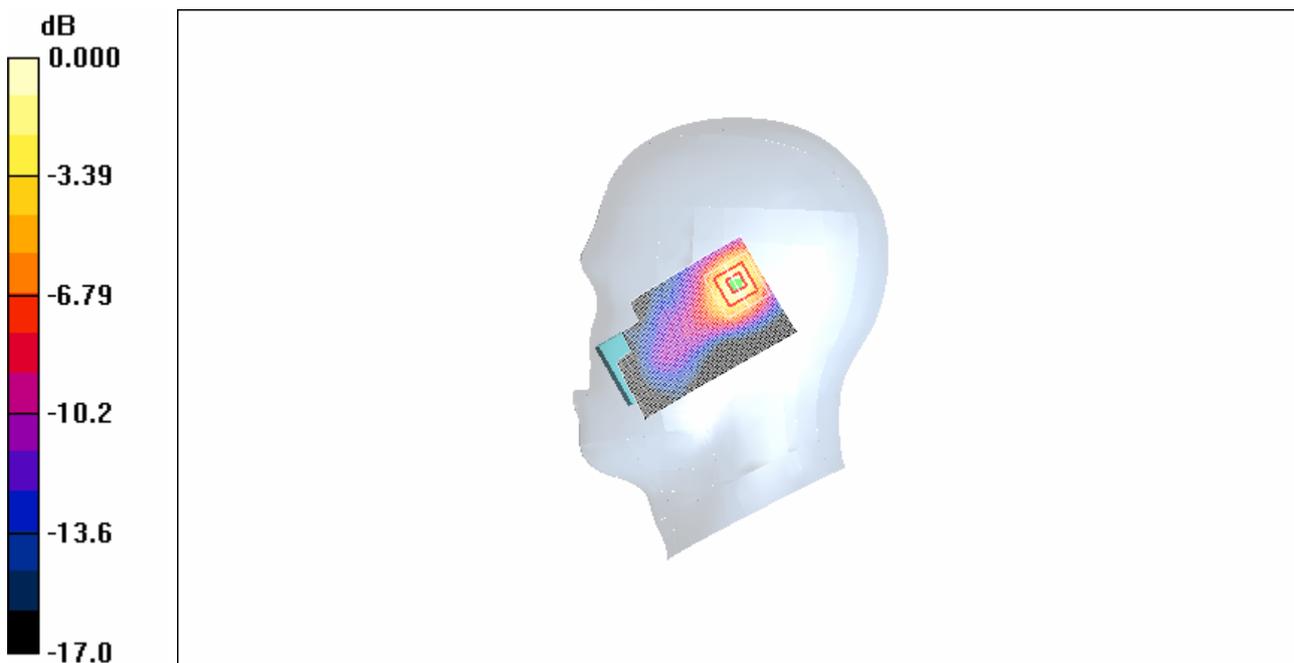Maximum value of SAR (interpolated) = 1.14 mW/g

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

Reference Value = 21.7 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.19 mW/g

0 dB = 1.19mW/g

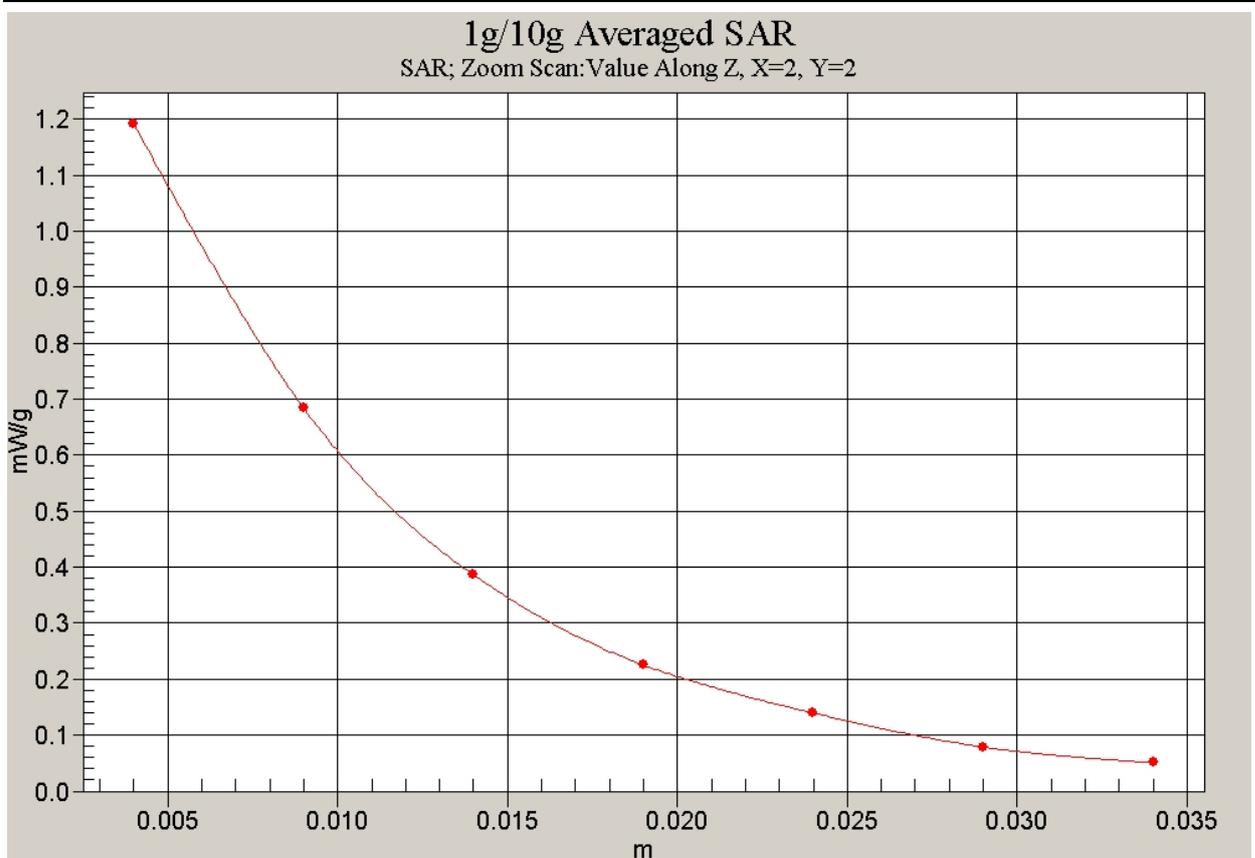**Fig. 59 Right Hand Tilt 15°WCDMA 1900MHz CH9400**

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

WCDMA 1900 Right Tilt Low

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.33 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C　　　　Liqiud Temperature: 24.0^{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
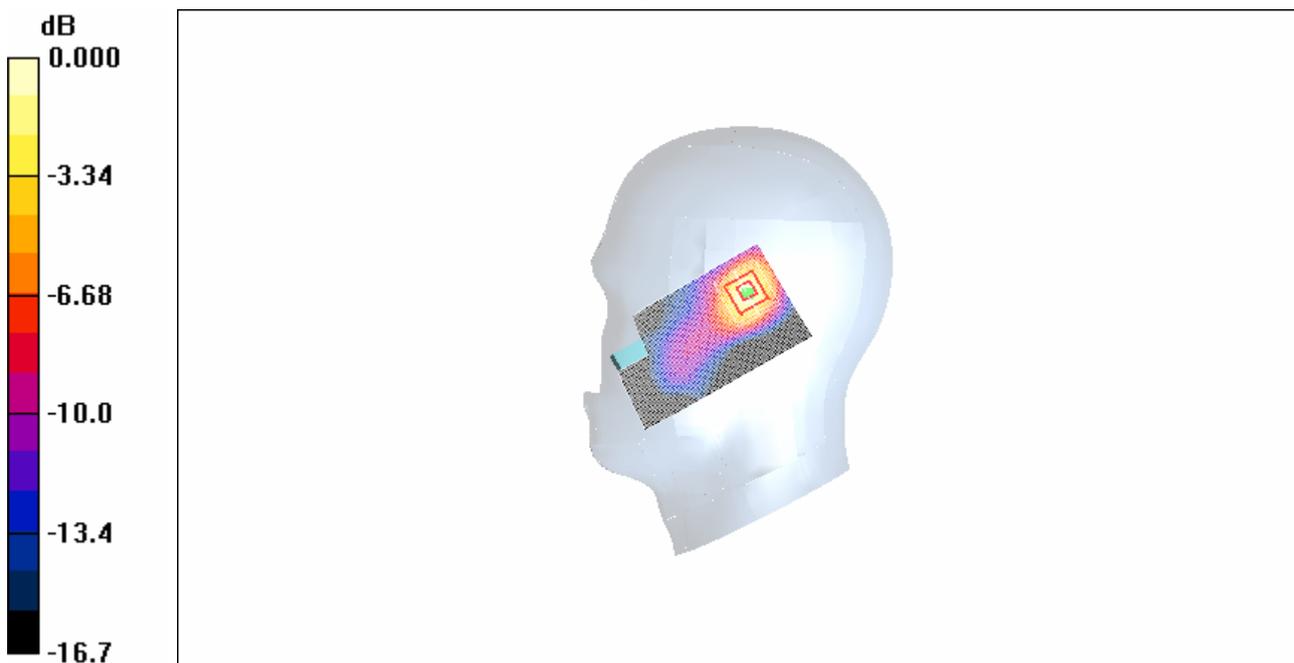
Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 20.6 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.503 mW/g

Maximum value of SAR (measured) = 1.11 mW/g

0 dB = 1.11mW/g
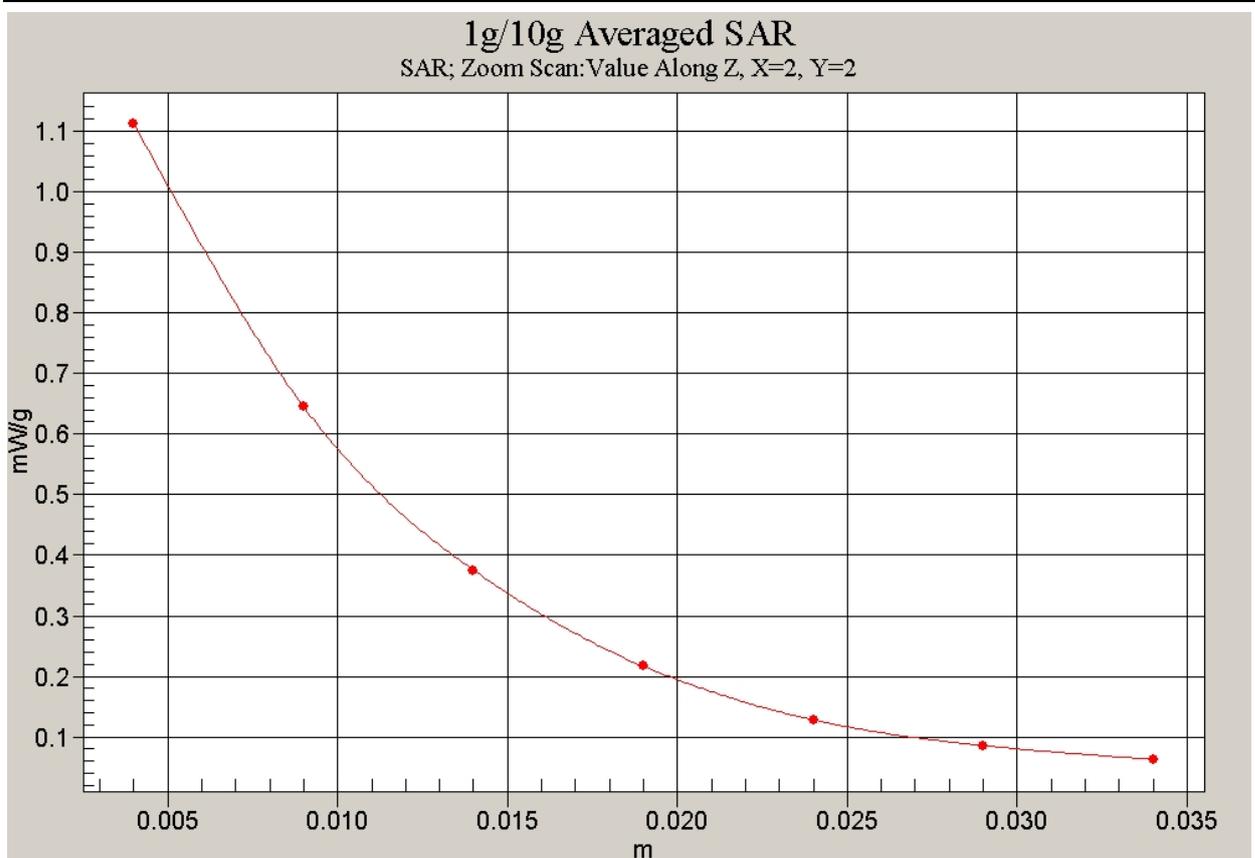

Fig. 61 Right Hand Tilt 15°WCDMA 1900MHz CH9262

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

WCDMA 1900 Body Toward Ground High

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.54 mho/m; ε$_r$ = 52; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

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

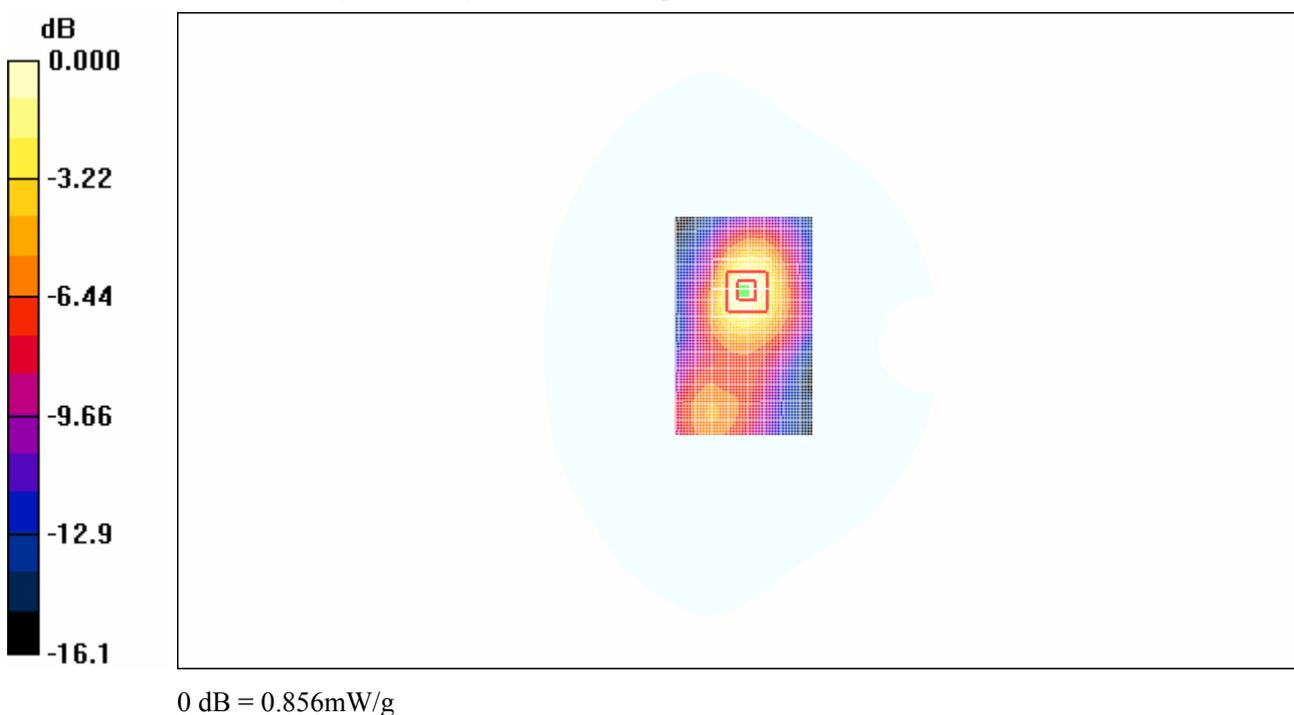Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

Maximum value of SAR (interpolated) = 0.931 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
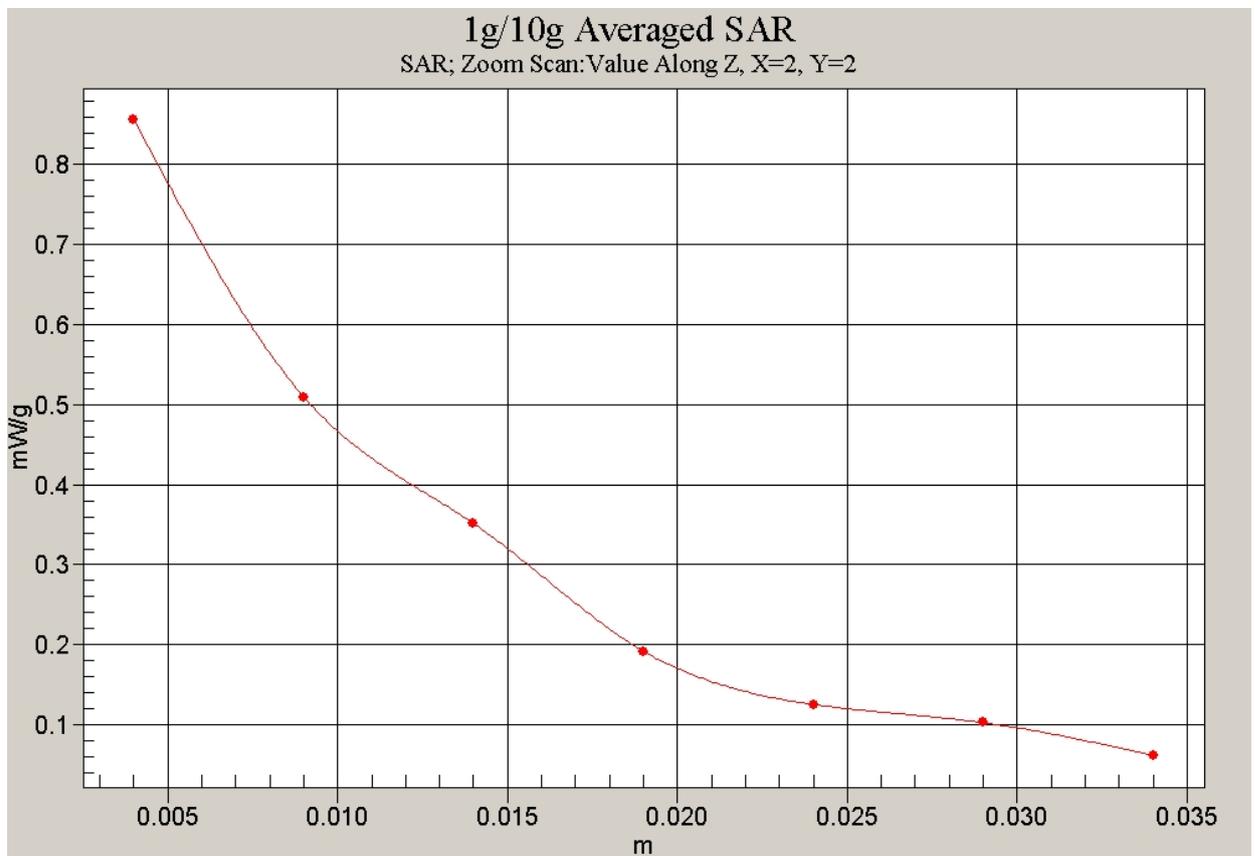
Reference Value = 13.1 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.791 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.856 mW/g

0 dB = 0.856mW/g

Fig. 63 WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9538

Fig. 64 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9538)

WCDMA 1900 Body Toward Ground Middle

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

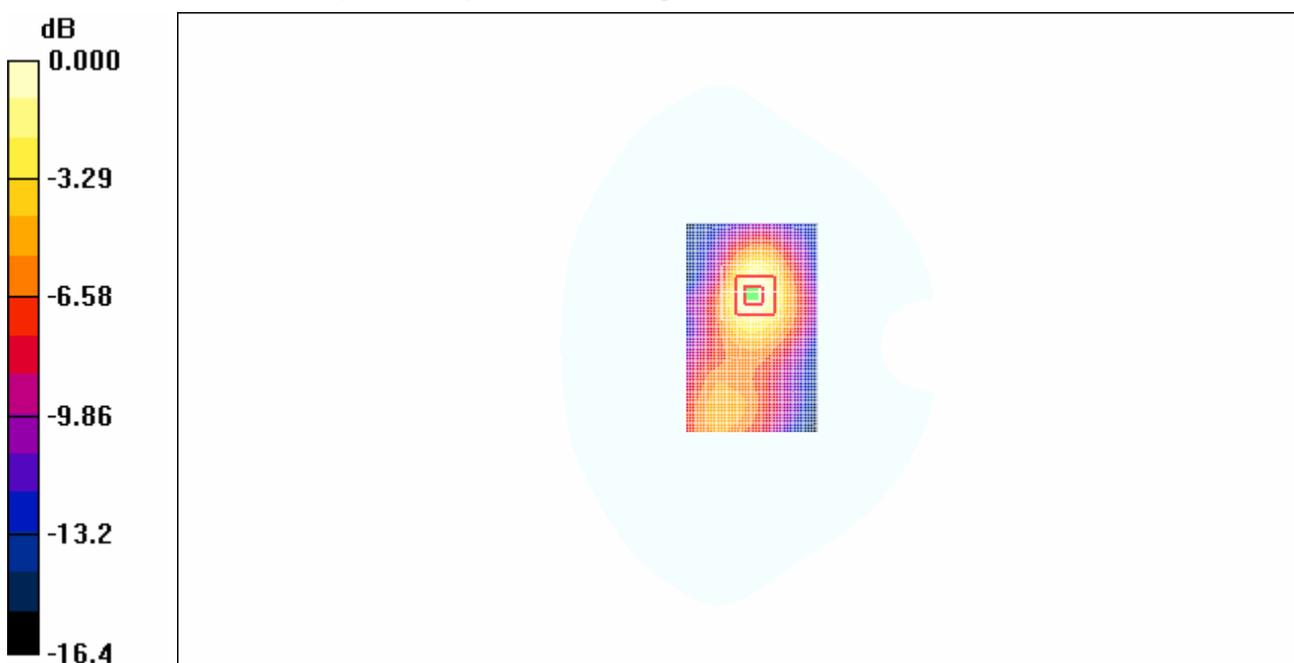Maximum value of SAR (interpolated) = 0.998 mW/g

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

Reference Value = 13.9 V/m; Power Drift = 0.076 dB
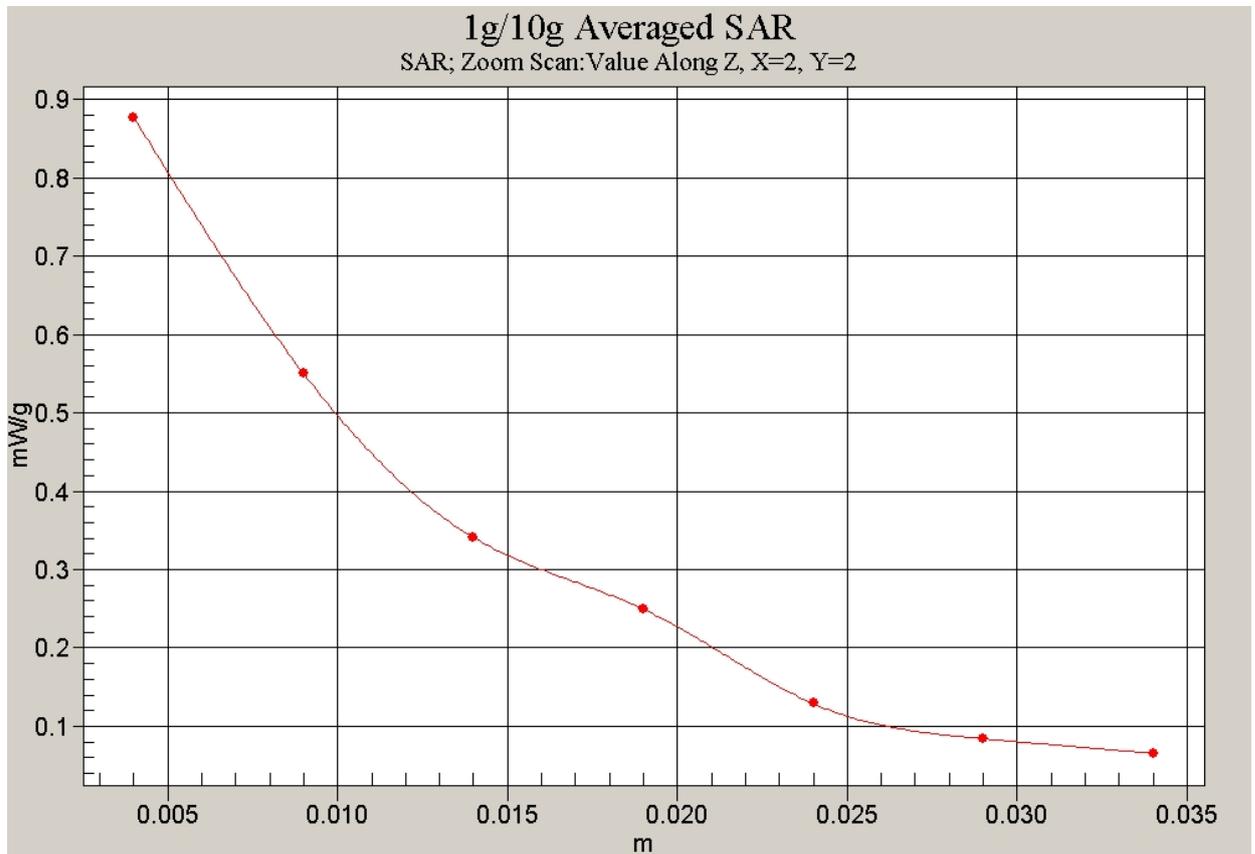
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.876 mW/g

0 dB = 0.876mW/g

Fig. 65 WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9400

Fig. 66 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9400)

WCDMA 1900 Body Toward Ground Low

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

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

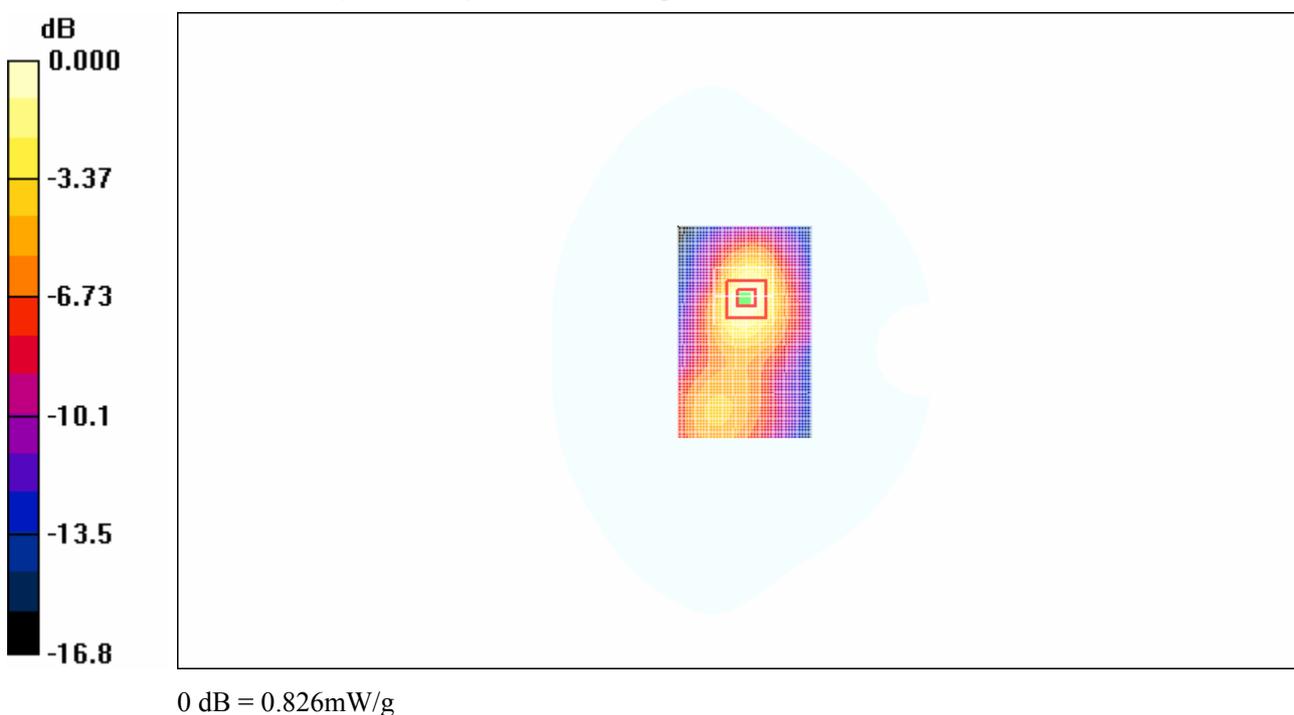Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

Maximum value of SAR (interpolated) = 0.865 mW/g

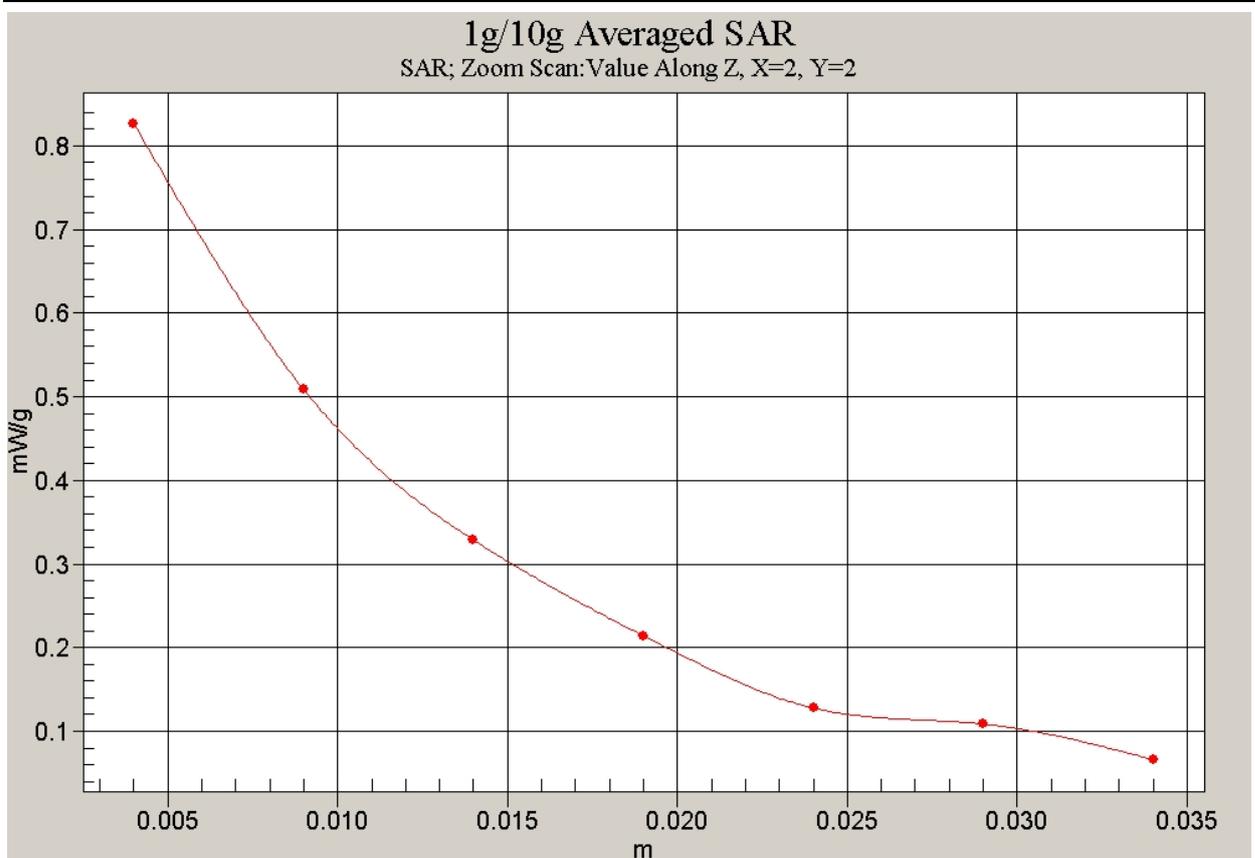**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.434 mW/g

Maximum value of SAR (measured) = 0.826 mW/g

0 dB = 0.826mW/g

Fig. 67 WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9262

Fig. 68 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9262)

WCDMA 1900 Body Toward Phantom High

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
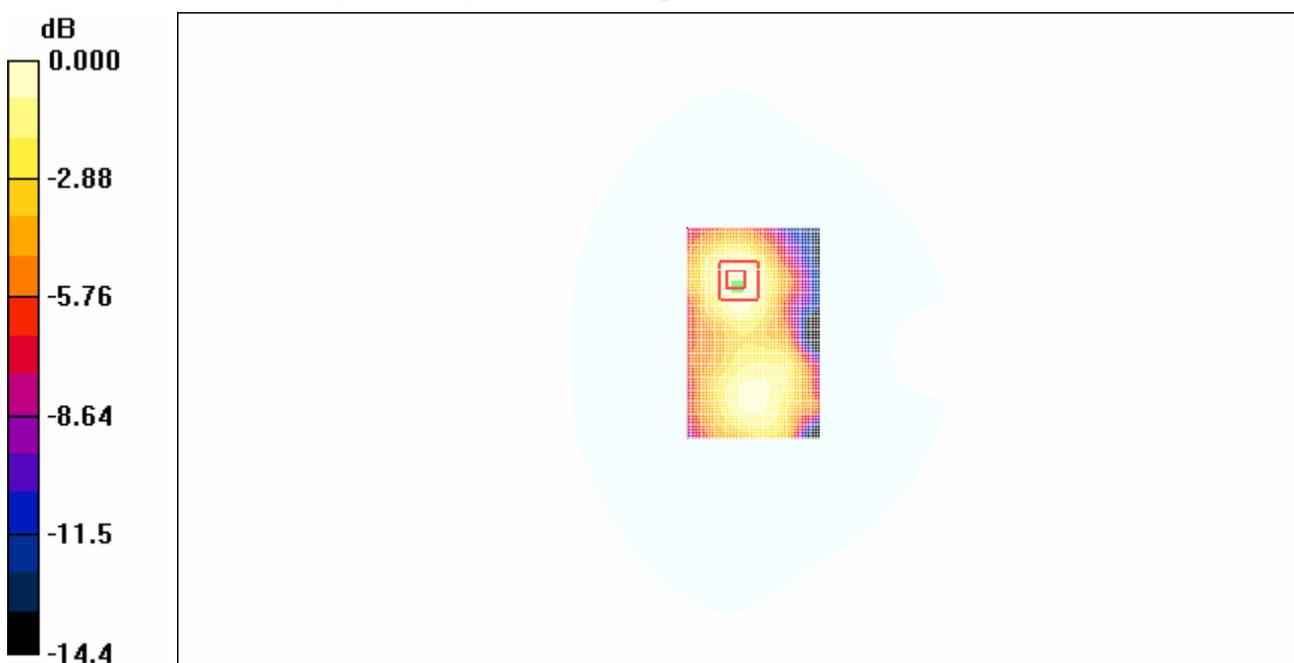
Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

Maximum value of SAR (interpolated) = 0.181 mW/g

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

Reference Value = 8.50 V/m; Power Drift = -0.200 dB

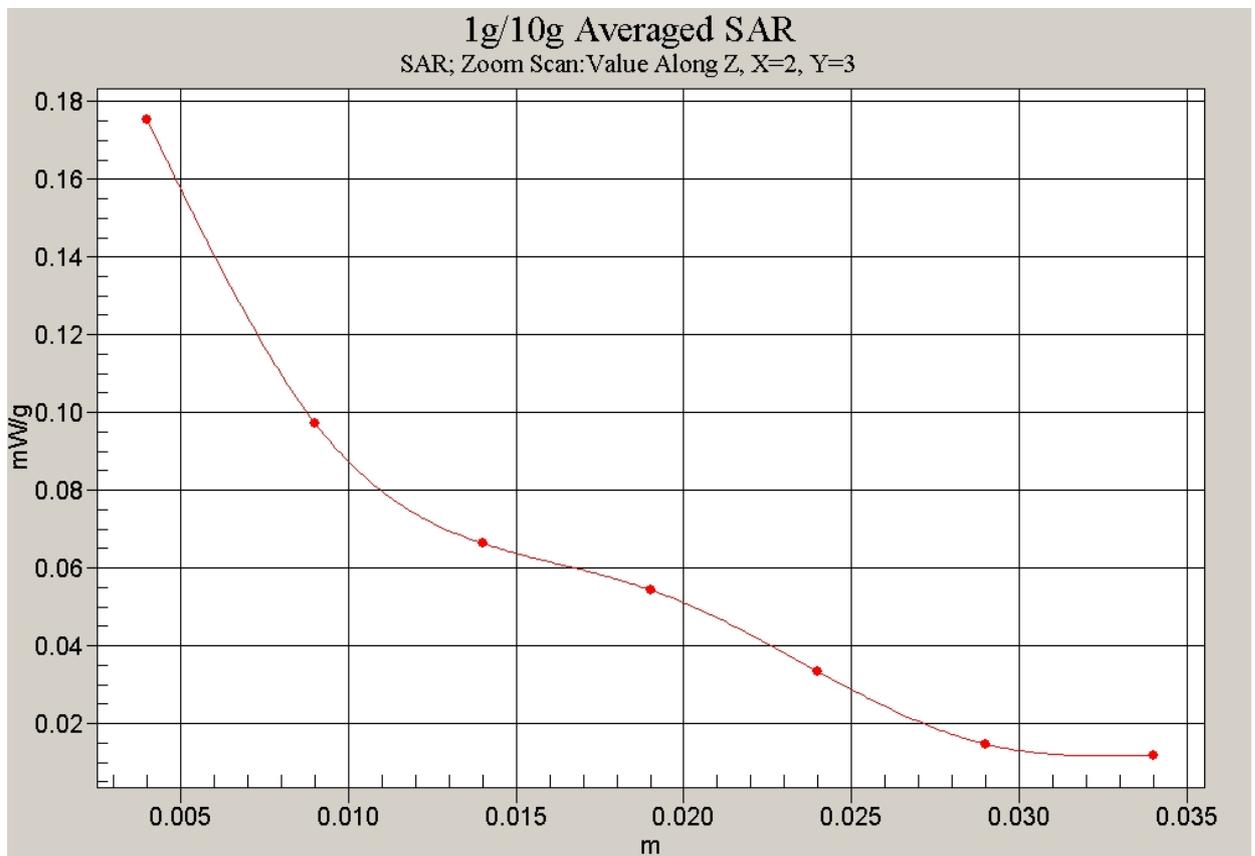Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.175 mW/g

0 dB = 0.175mW/g

Fig. 69 WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9538

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

WCDMA 1900 Body Toward Phantom Middle

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; $ε_r$ = 52.1; ρ = 1000 kg/m³

Ambient Temperature:24.5°C   Liqiud Temperature: 24.0°C

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

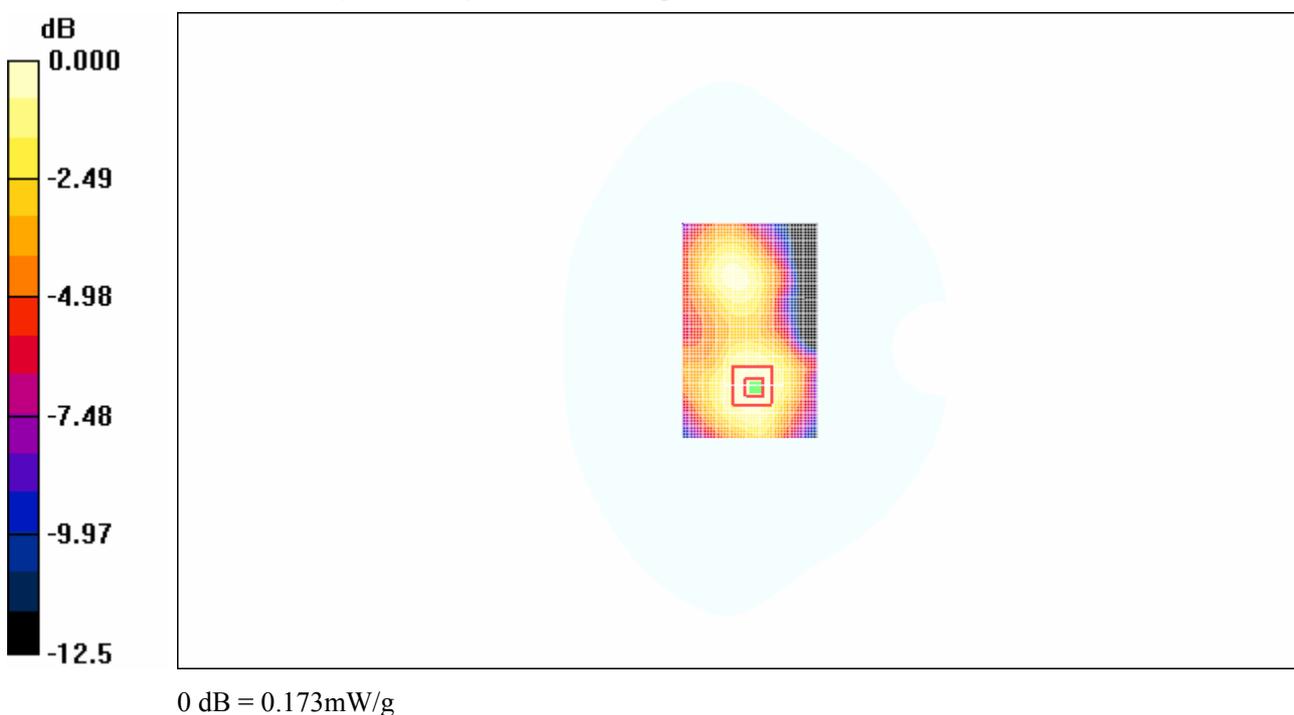Maximum value of SAR (interpolated) = 0.174 mW/g

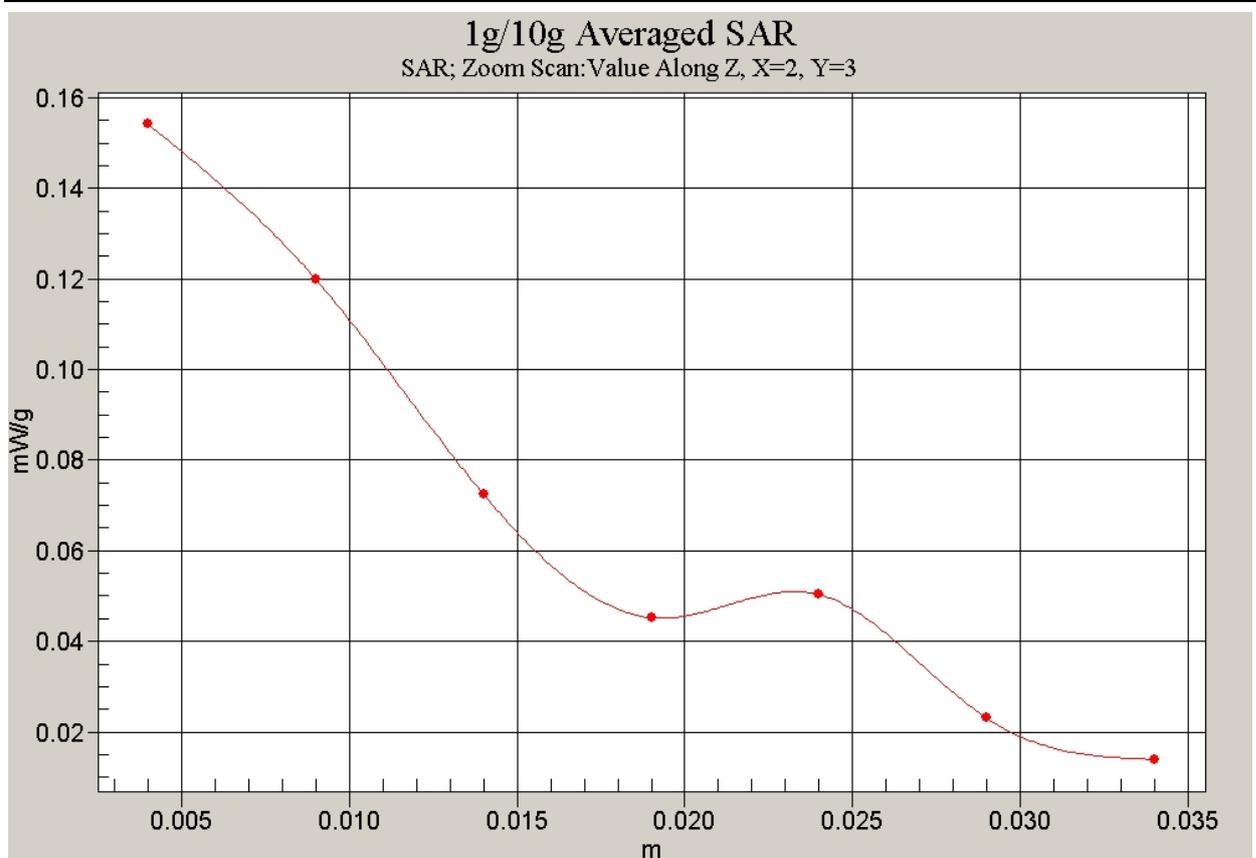**Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.78 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.173 mW/g

0 dB = 0.173mW/g

Fig. 71 WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9400

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

WCDMA 1900 Body Toward Phantom Low

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
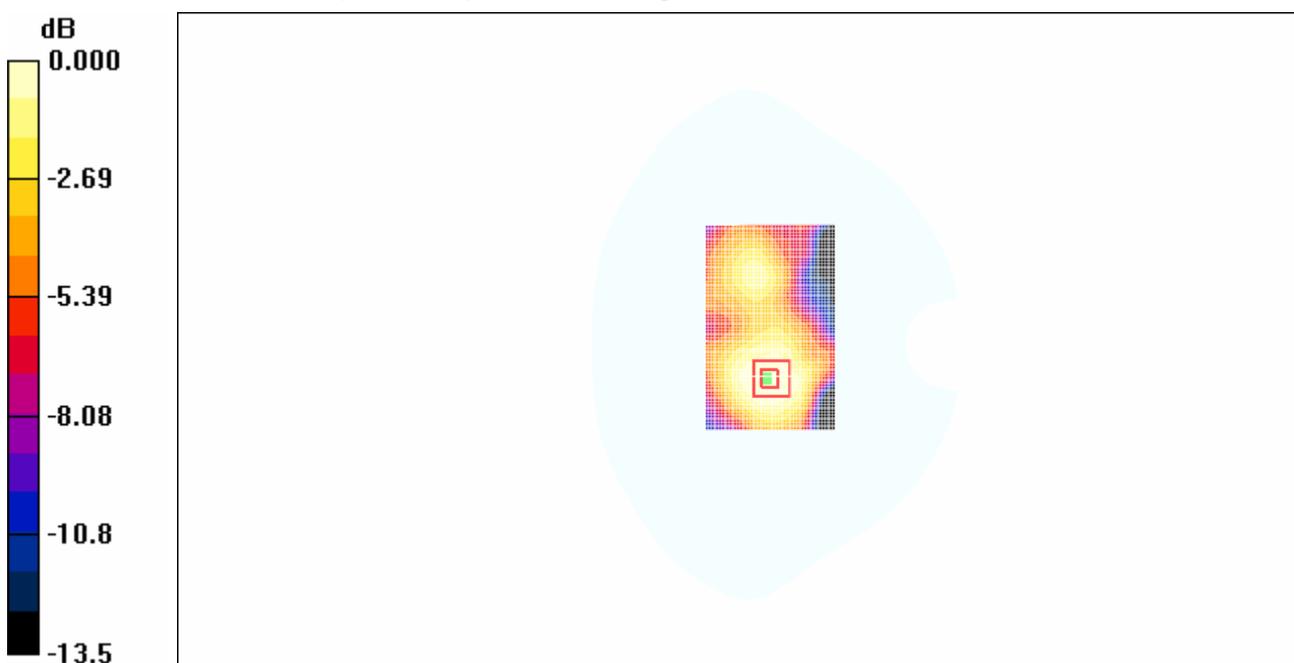
Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

Maximum value of SAR (interpolated) = 0.196 mW/g

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

Reference Value = 9.49 V/m; Power Drift = 0.017 dB

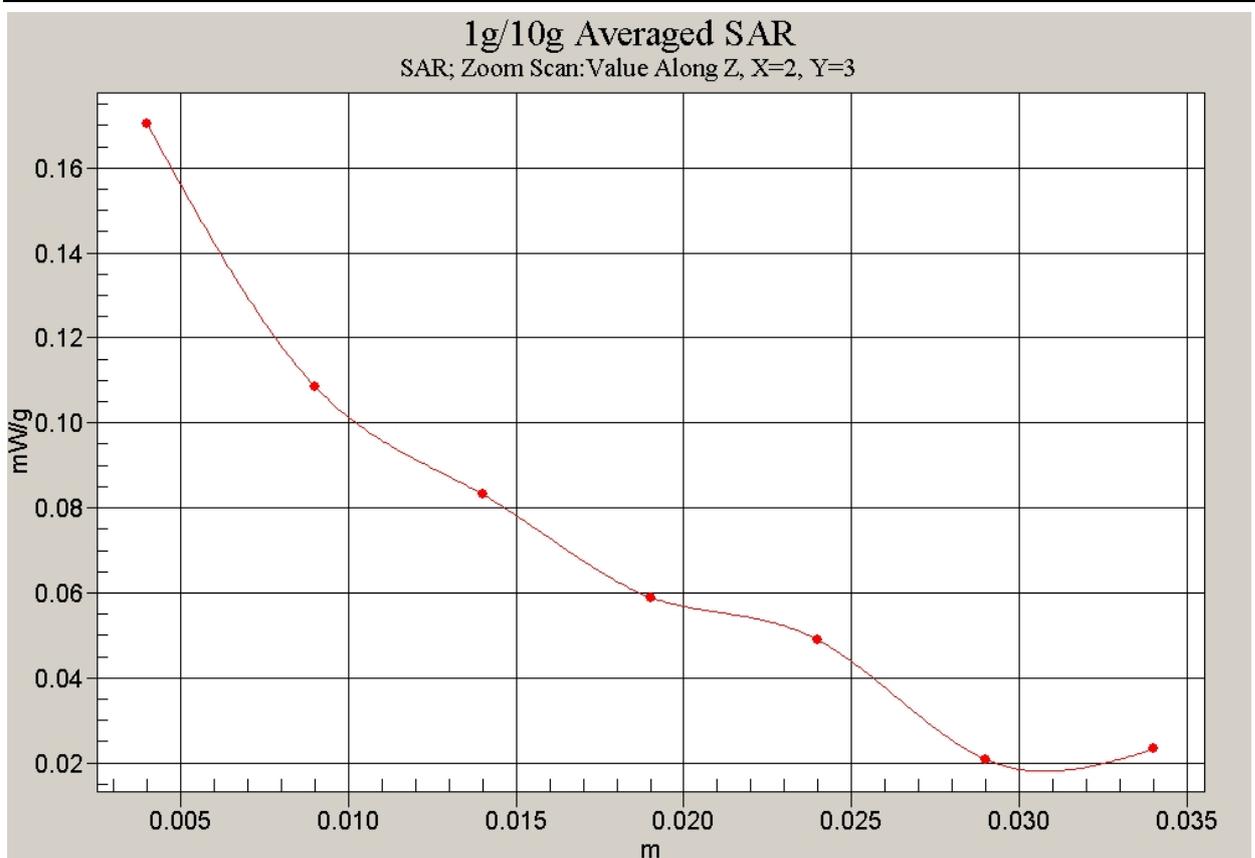Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.122 mW/g

Maximum value of SAR (measured) = 0.185 mW/g

0 dB = 0.185mW/g

Fig. 73 WCDMA 1900MHz, Body, Towards Ground with GPRS, CH9262

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

WCDMA 1900 Body Toward Ground Middle with Bluetooth Function

Electronics: DAE3 Sn536

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3

Ambient Temperature:24.5^{o}C   Liqiud Temperature: 24.0^{o}C

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

Probe: ET3DV6 - SN1736 ConvF(4.88, 4.88, 4.88)

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

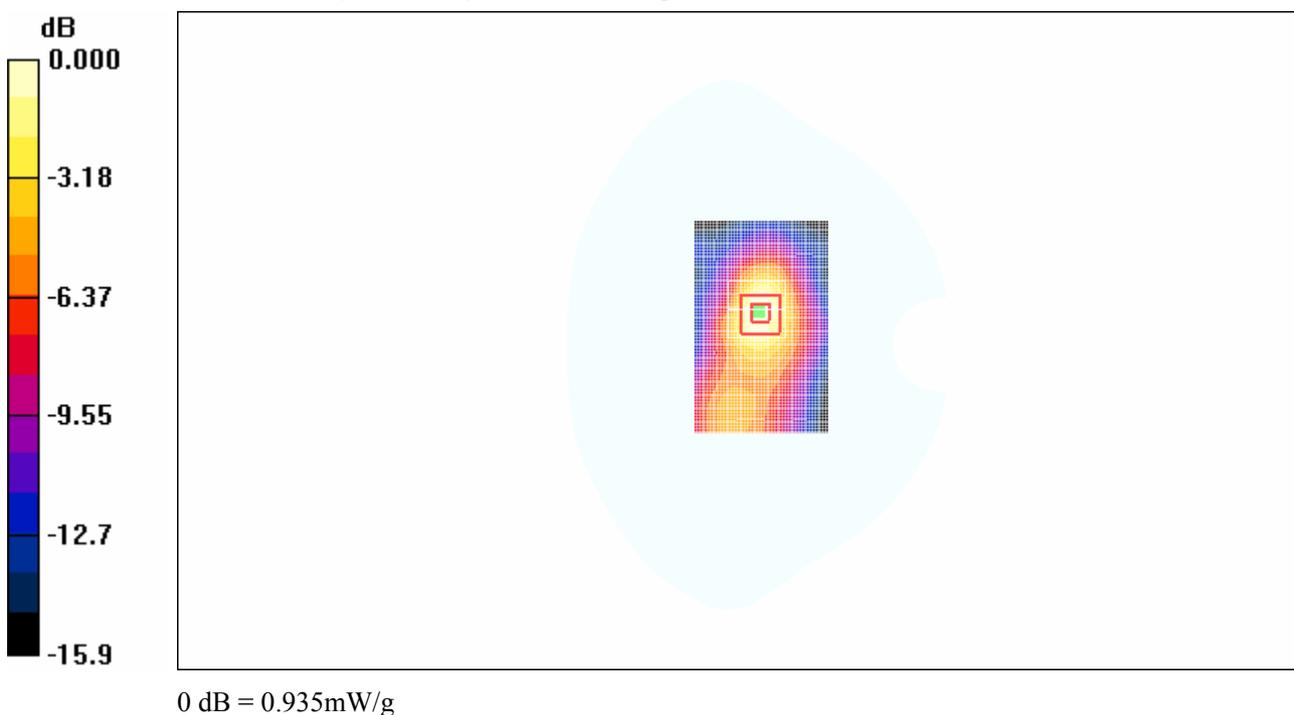Maximum value of SAR (interpolated) = 0.956 mW/g

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

Reference Value = 18.4 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.473 mW/g

Maximum value of SAR (measured) = 0.885 mW/g

0 dB = 0.935mW/g

Fig. 75 WCDMA 1900MHz, Body, Towards Ground with Bluetooth, CH9400