Fig. 94 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide down

WCDMA 1900 Right Tilt Middle – Slide down

Date/Time: 2009-2-9 8:47:41

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
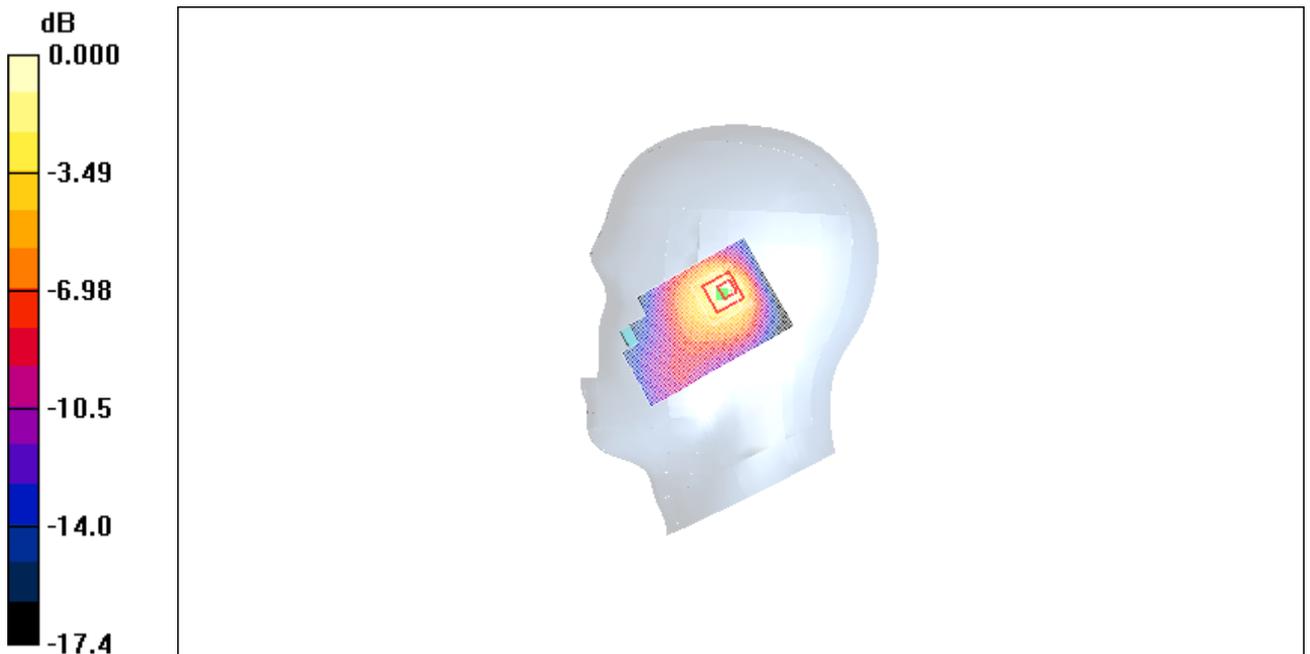
Maximum value of SAR (interpolated) = 0.513 mW/g

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

Reference Value = 14.0 V/m; Power Drift = 0.186 dB
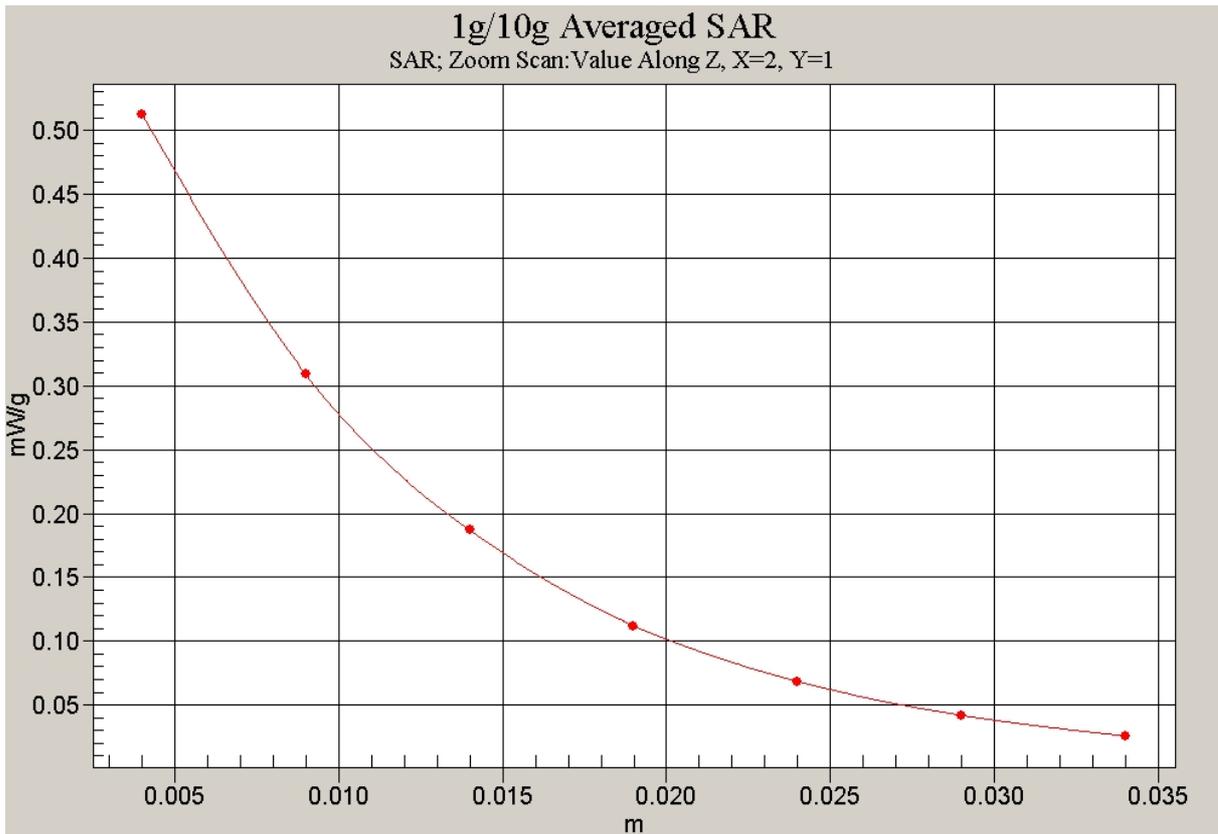
Peak SAR (extrapolated) = 0.767 W/kg

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.254 mW/g

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

0 dB = 0.512mW/g

Fig. 95 Right Hand Tilt 15°WCDMA 1900MHz CH9400 – Slide down

Fig. 96 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide down

WCDMA 1900 Right Tilt Low – Slide down

Date/Time: 2009-2-9 9:00:14

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

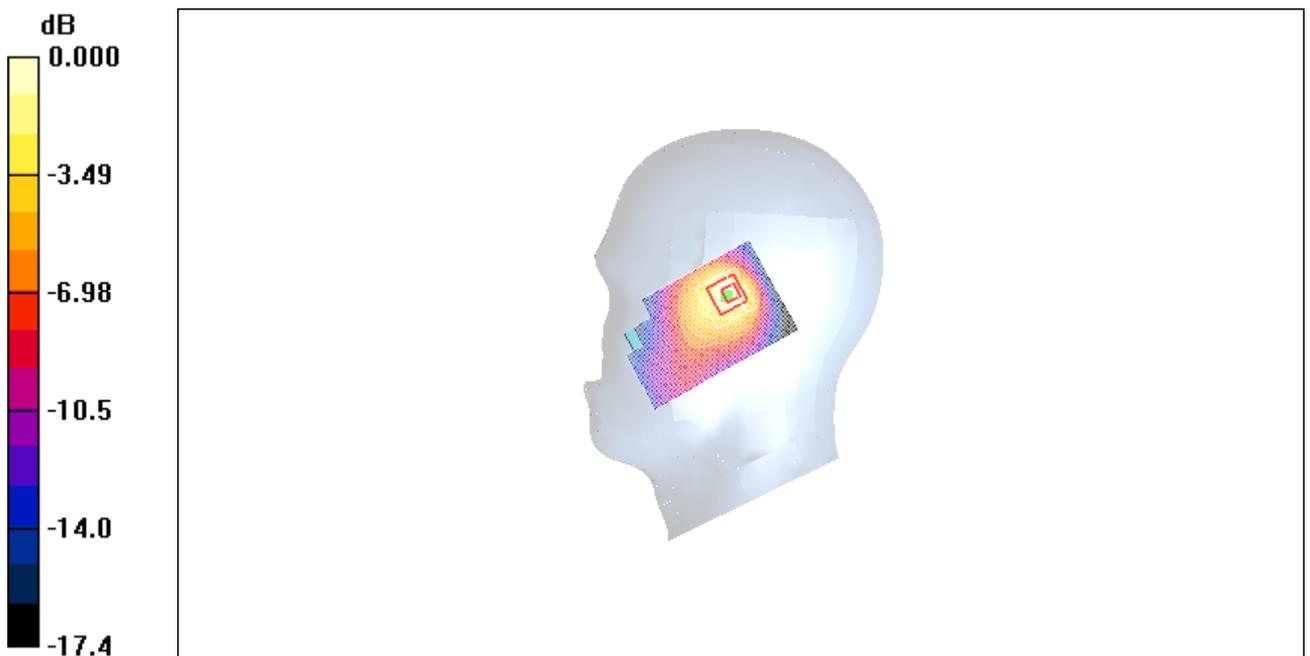Maximum value of SAR (interpolated) = 0.464 mW/g

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

Reference Value = 13.0 V/m; Power Drift = 0.107 dB

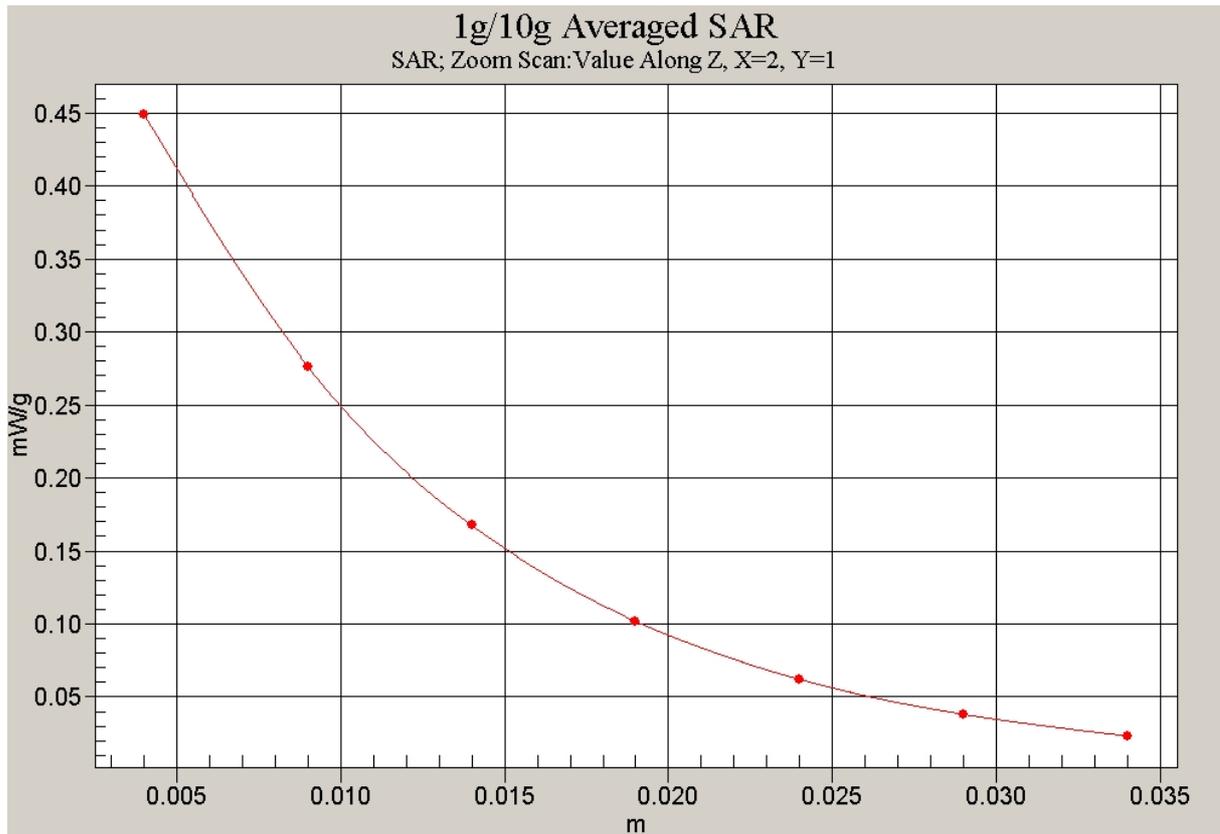Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.449 mW/g

0 dB = 0.449mW/g

Fig. 97 Right Hand Tilt 15°WCDMA 1900MHz CH9262 – Slide down

Fig. 98 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide down

WCDMA 1900 Left Cheek High – Slide up

Date/Time: 2009-2-9 9:13:56

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm
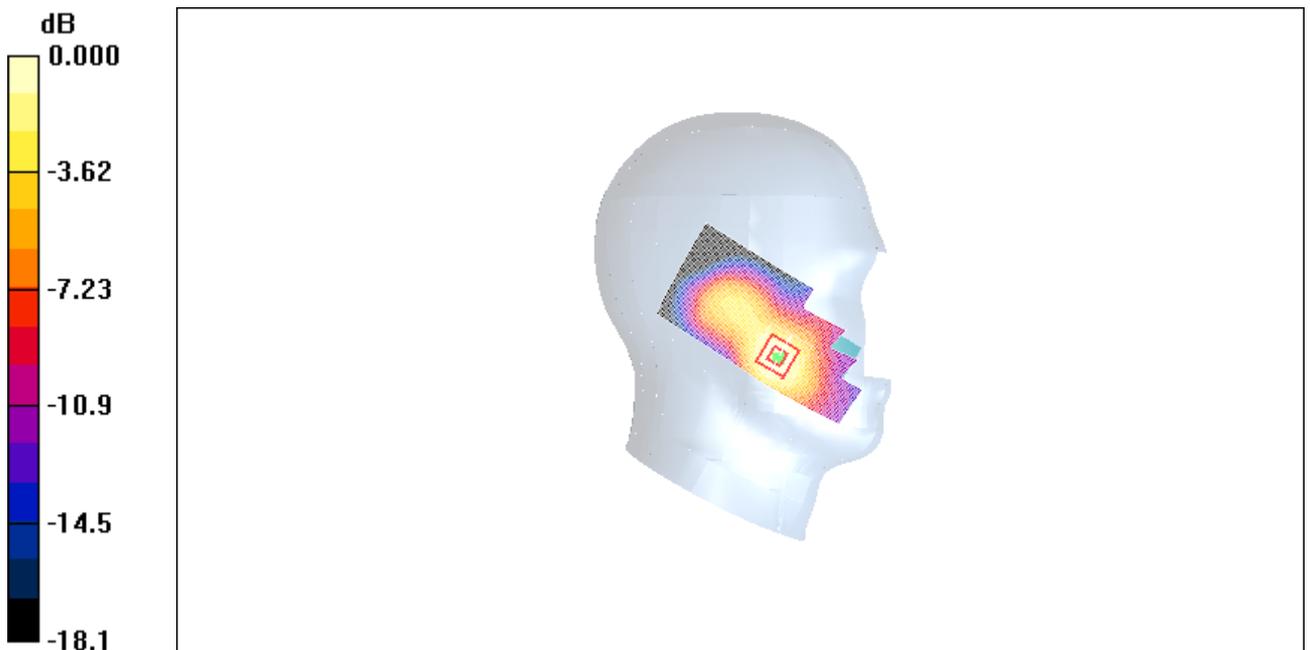
Maximum value of SAR (interpolated) = 0.428 mW/g

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

Reference Value = 6.56 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.415 mW/g

0 dB = 0.415mW/g

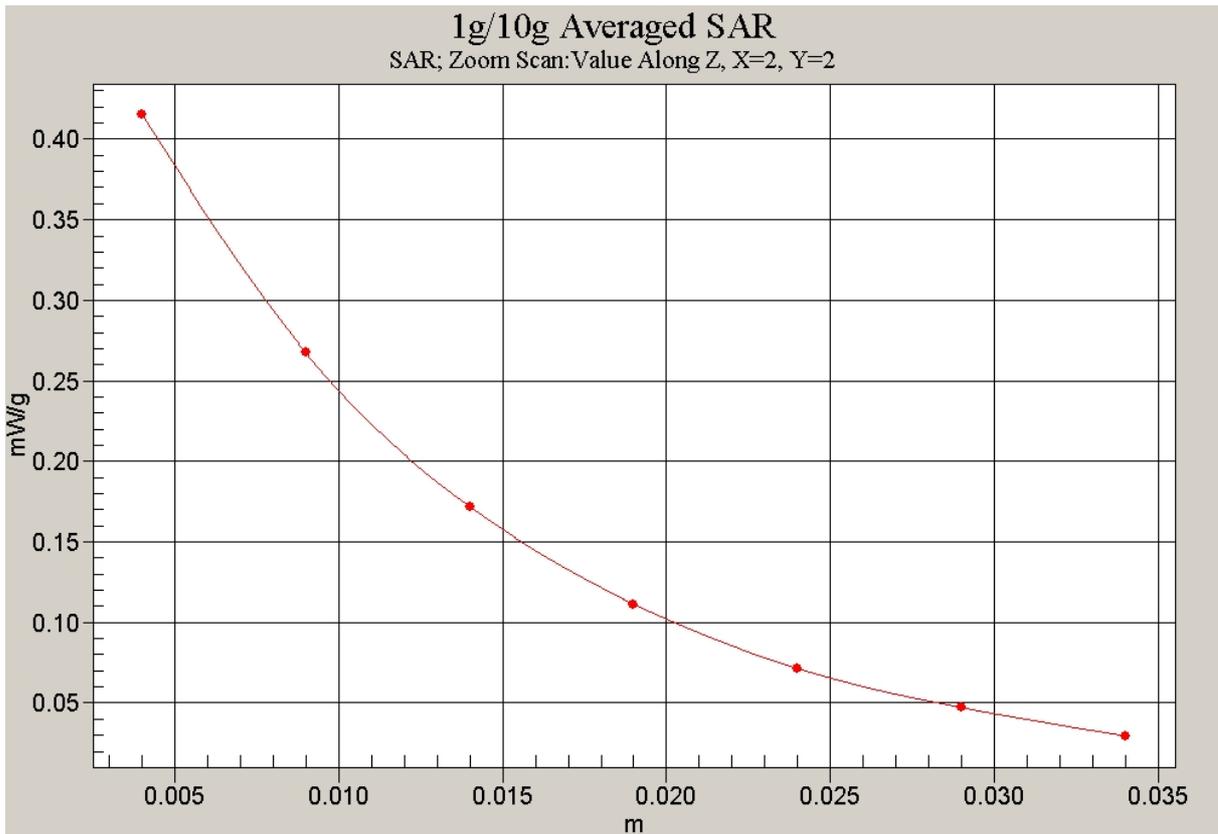**Fig. 99 Left Hand Touch Cheek WCDMA 1900MHz CH9538 – Slide** up

Fig. 100 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide up

WCDMA 1900 Left Cheek Middle – Slide up

Date/Time: 2009-2-9 9:28:22

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

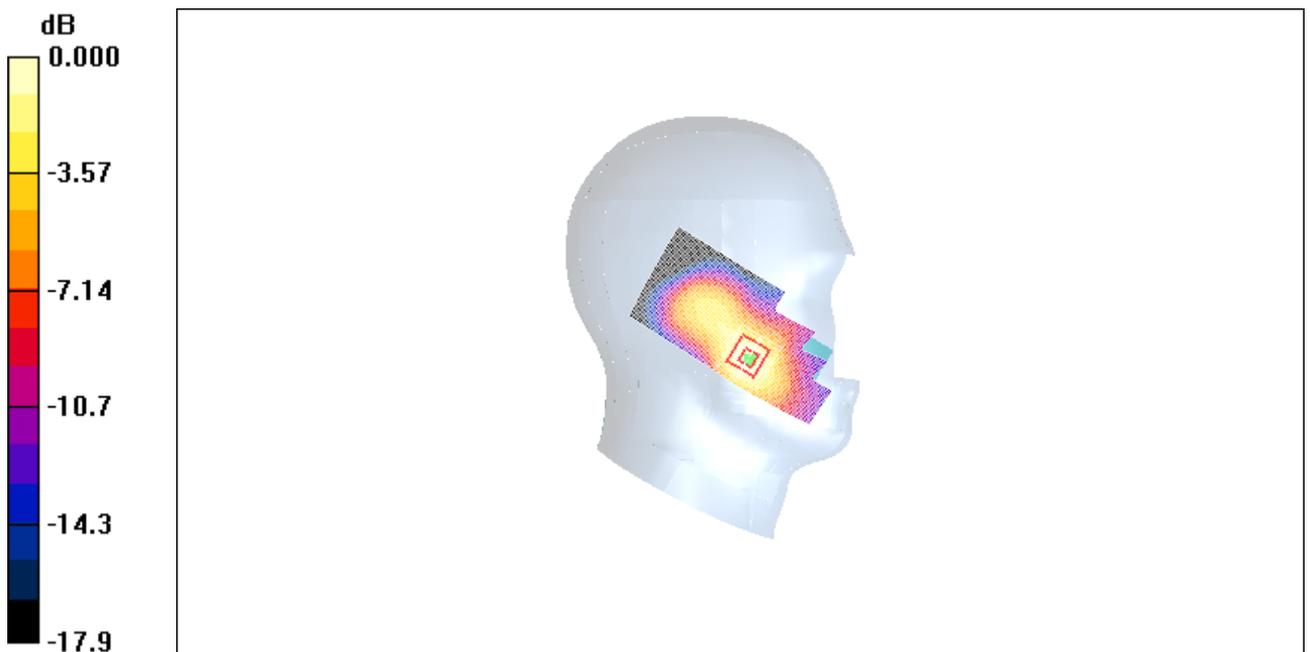Maximum value of SAR (interpolated) = 0.516 mW/g

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

Reference Value = 7.00 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.505 mW/g

0 dB = 0.505mW/g

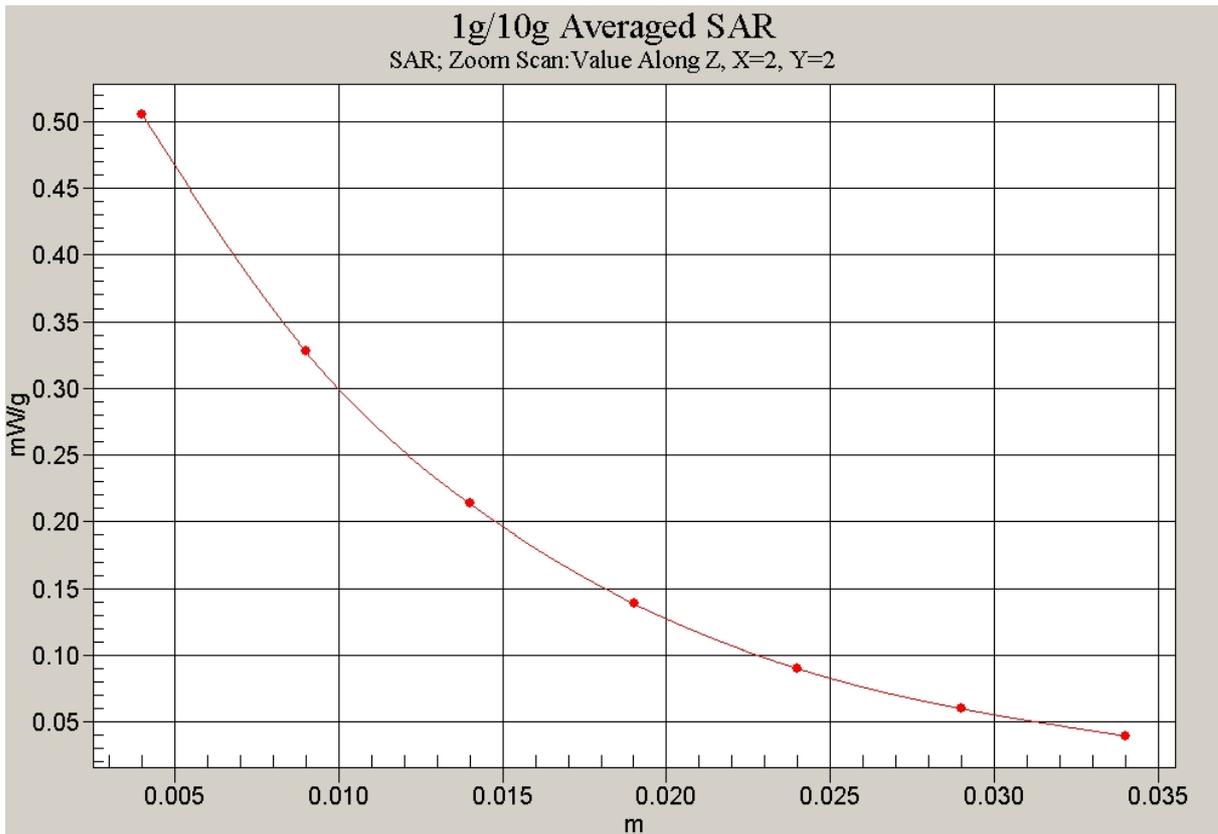**Fig. 101 Left Hand Touch Cheek WCDMA 1900MHz CH9400 – Slide** up

Fig. 102 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide up

WCDMA 1900 Left Cheek Low – Slide up

Date/Time: 2009-2-9 9:42:31

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

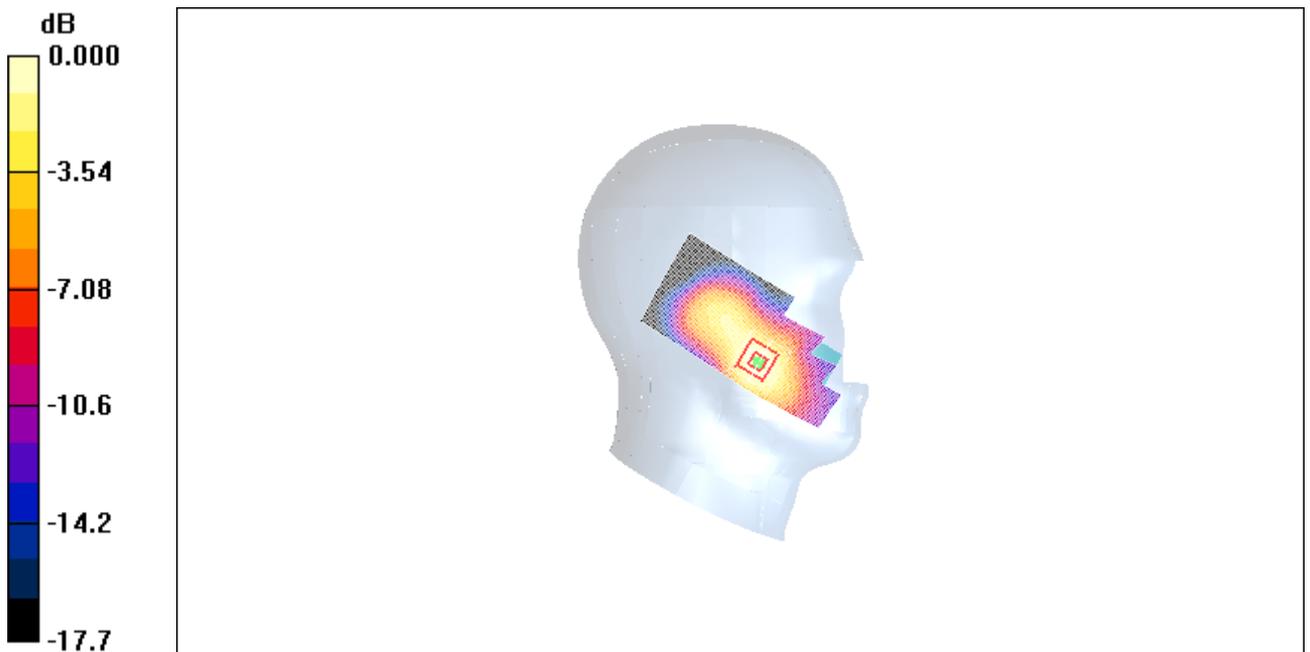Maximum value of SAR (interpolated) = 0.526 mW/g

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

Reference Value = 6.80 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.283 mW/g

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

0 dB = 0.519mW/g

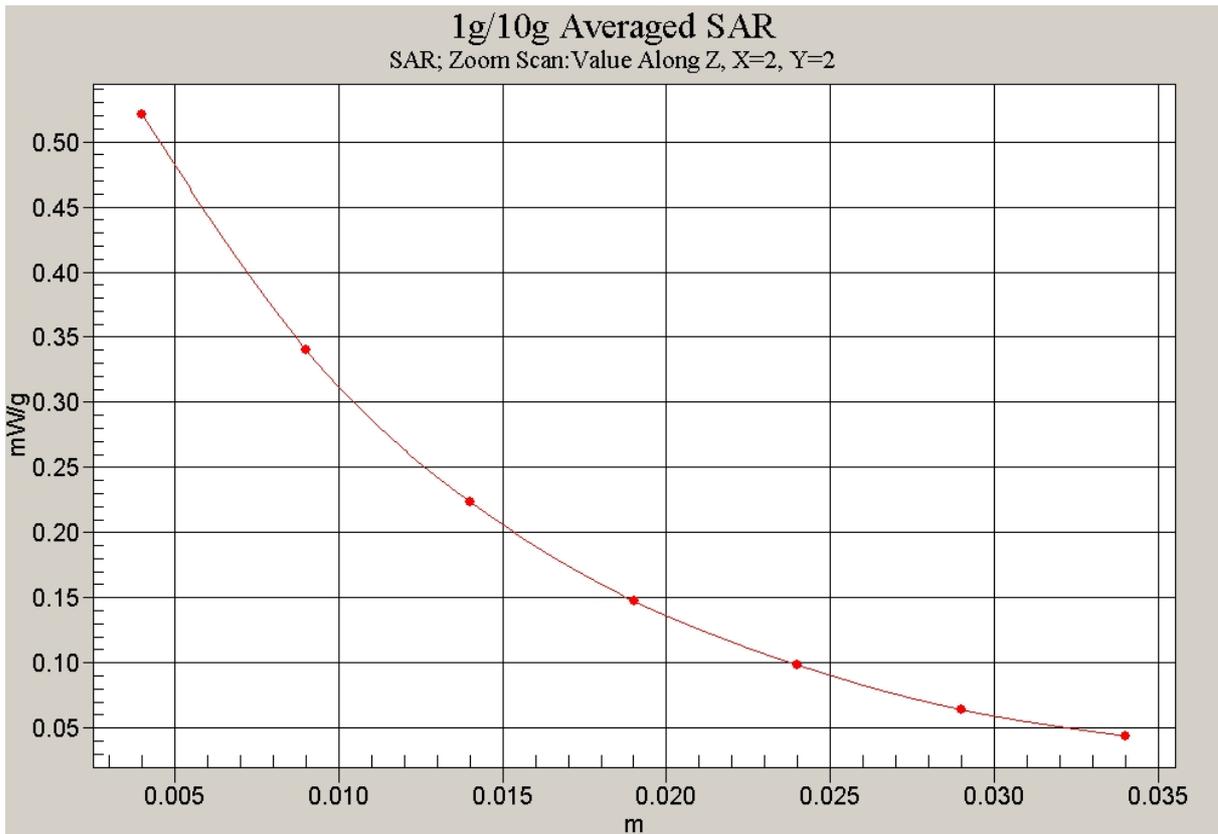**Fig. 103 Left Hand Touch Cheek WCDMA 1900MHz CH9262 – Slide** up

Fig. 104 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide up

WCDMA 1900 Left Tilt High – Slide up

Date/Time: 2009-2-9 9:56:08

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

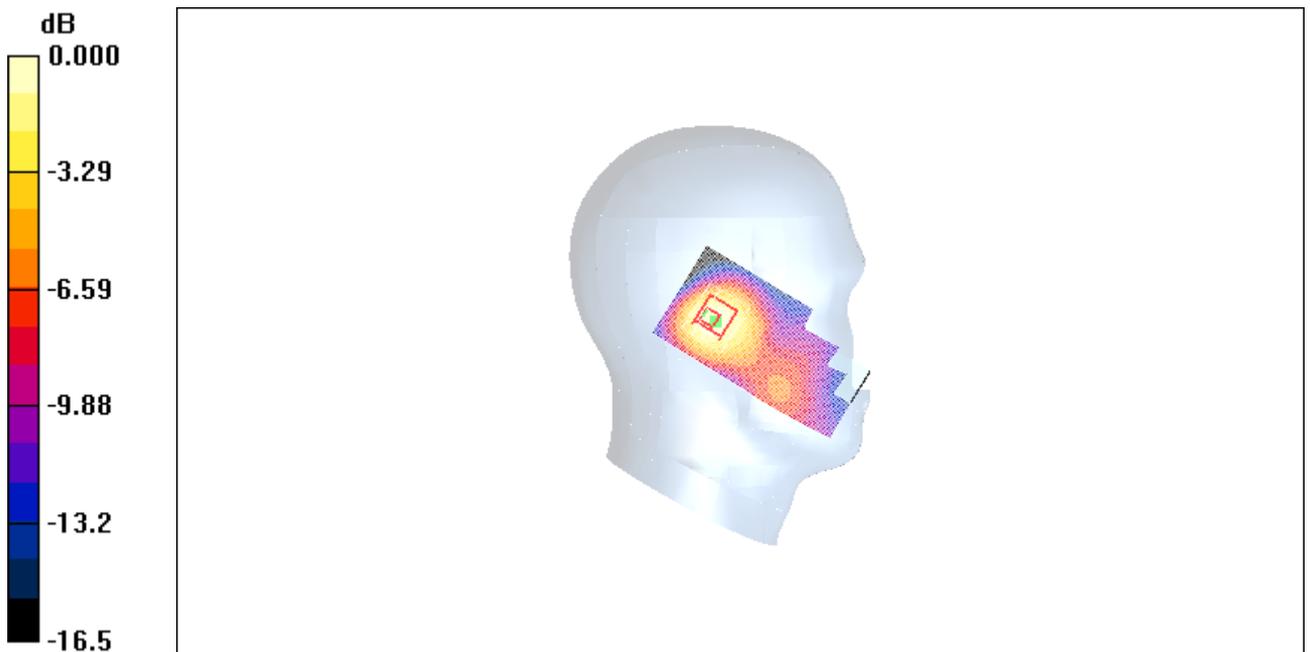Maximum value of SAR (interpolated) = 0.245 mW/g

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

Reference Value = 12.1 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.140 mW/g

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

0 dB = 0.254mW/g

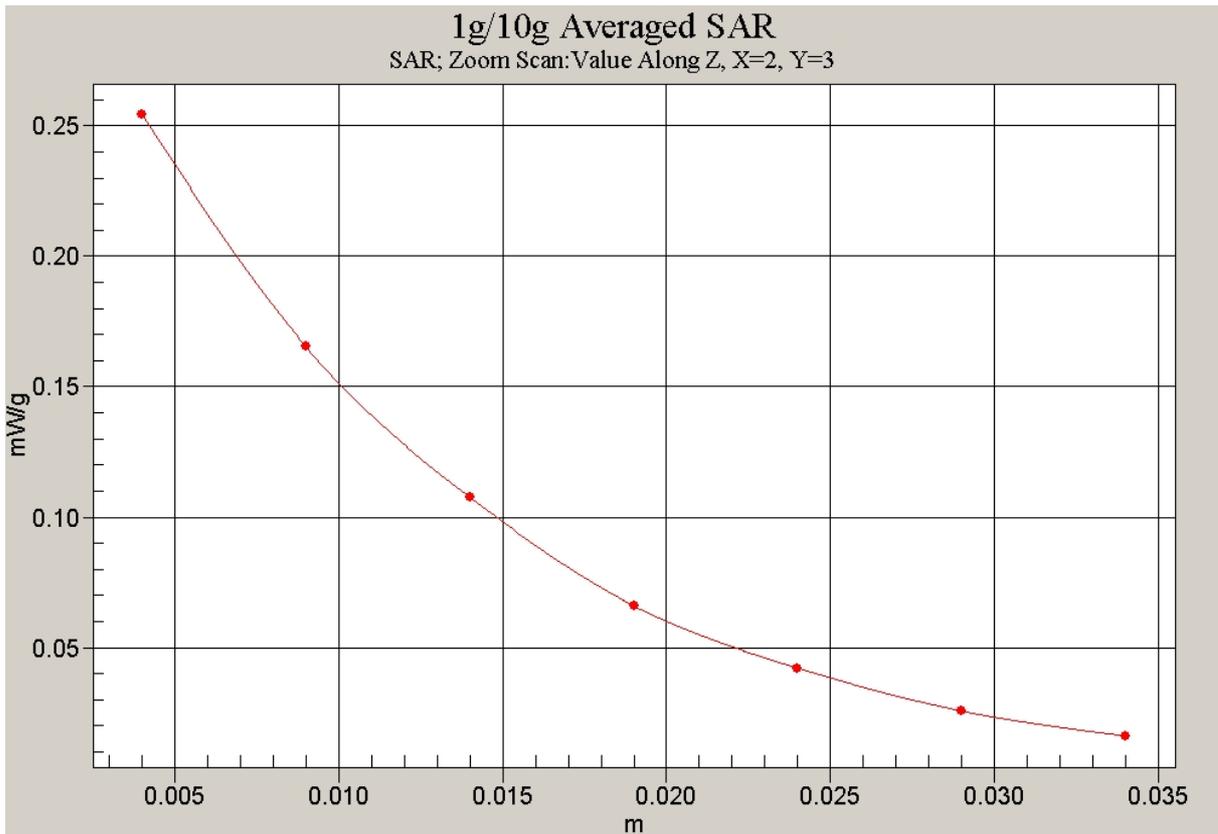**Fig. 105 Left Hand Tilt 15° WCDMA 1900MHz CH9538 – Slide up**

Fig. 106 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide up

WCDMA 1900 Left Tilt Middle – Slide up

Date/Time: 2009-2-9 10:10:28

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

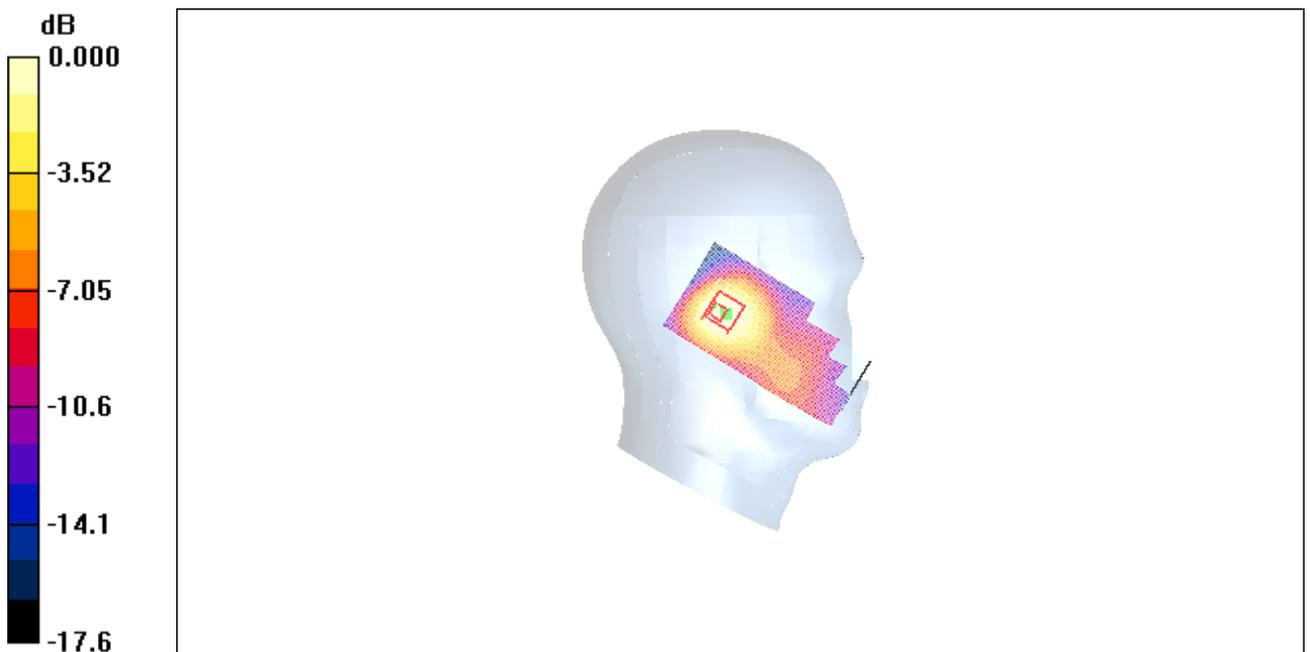Maximum value of SAR (interpolated) = 0.314 mW/g

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

Reference Value = 13.3 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.289 mW/g

0 dB = 0.289mW/g

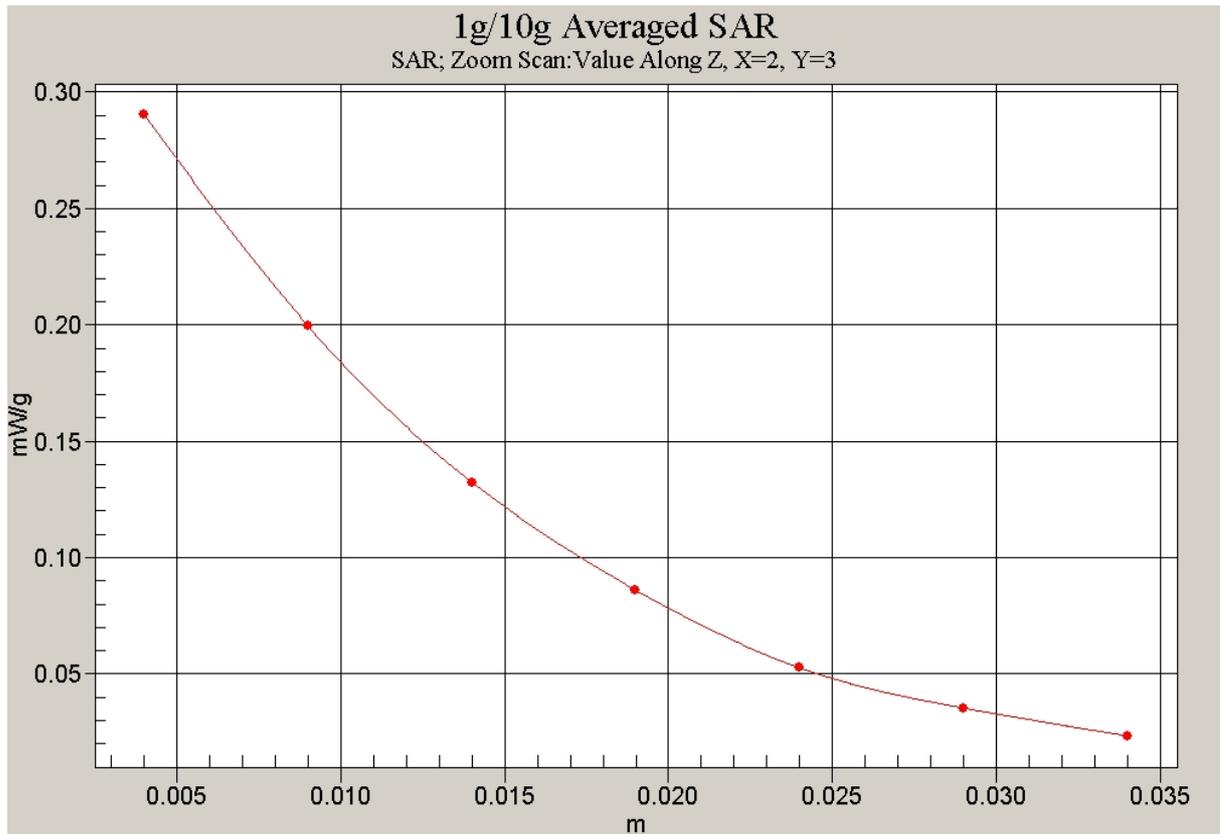**Fig. 107 Left Hand Tilt 15°WCDMA 1900MHz CH9400 – Slide up**

Fig. 108 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide up

WCDMA 1900 Left Tilt Low – Slide up

Date/Time: 2009-2-9 10:24:12

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

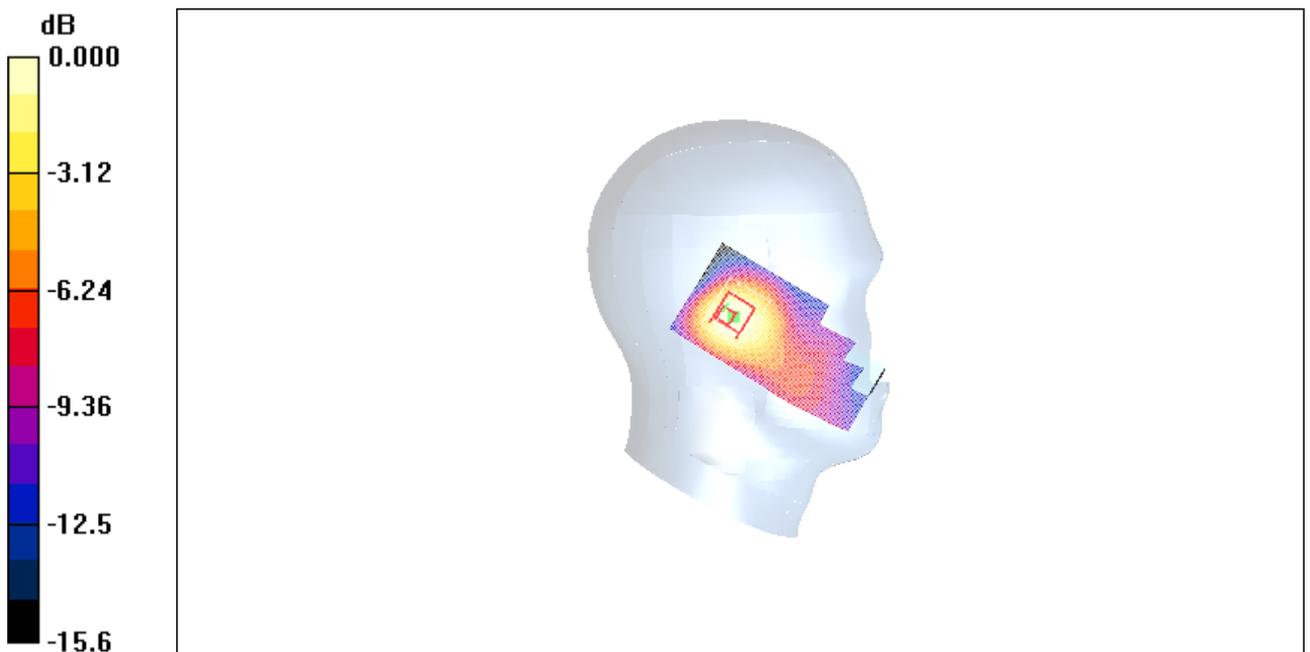Maximum value of SAR (interpolated) = 0.295 mW/g

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

Reference Value = 12.9 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.278 mW/g

0 dB = 0.278mW/g

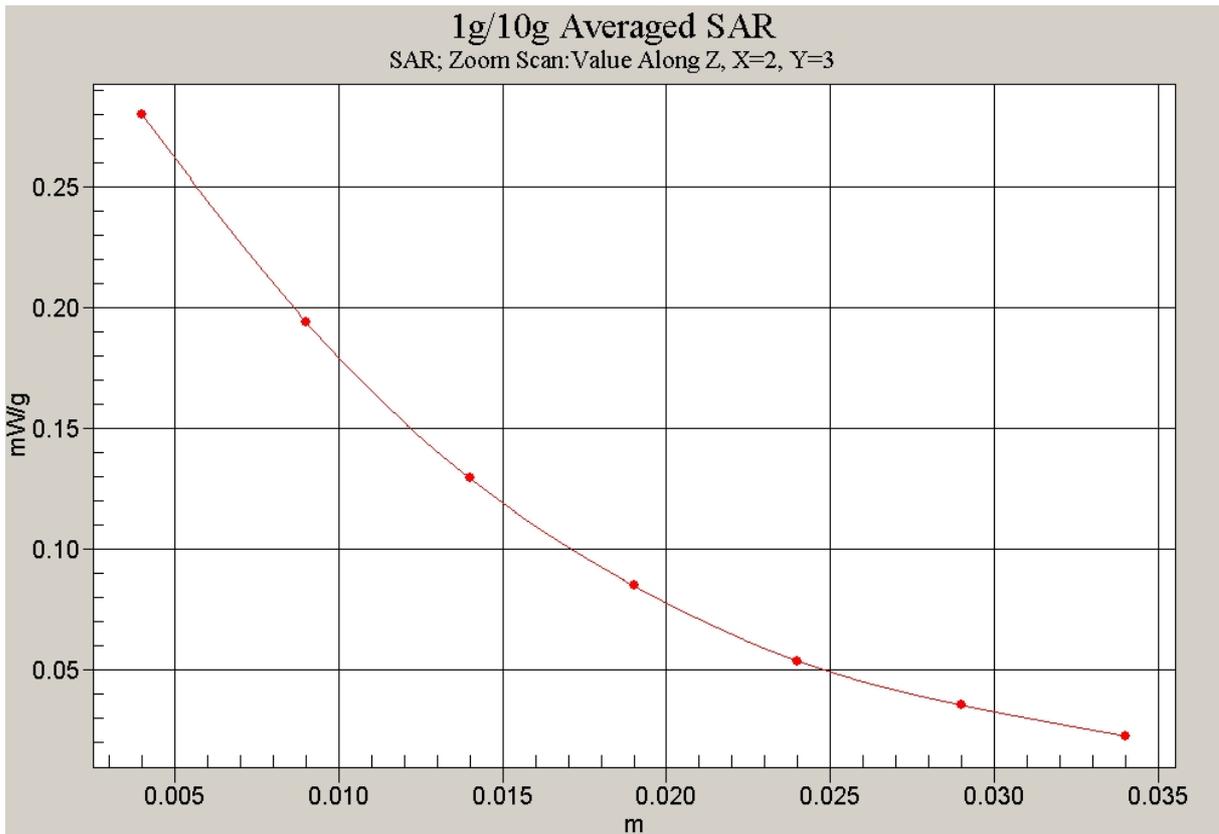**Fig. 109 Left Hand Tilt 15° WCDMA 1900MHz CH9262 – Sldie** up

Fig. 110 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide up

WCDMA 1900 Right Cheek High – Slide up

Date/Time: 2009-2-9 10:38:51

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

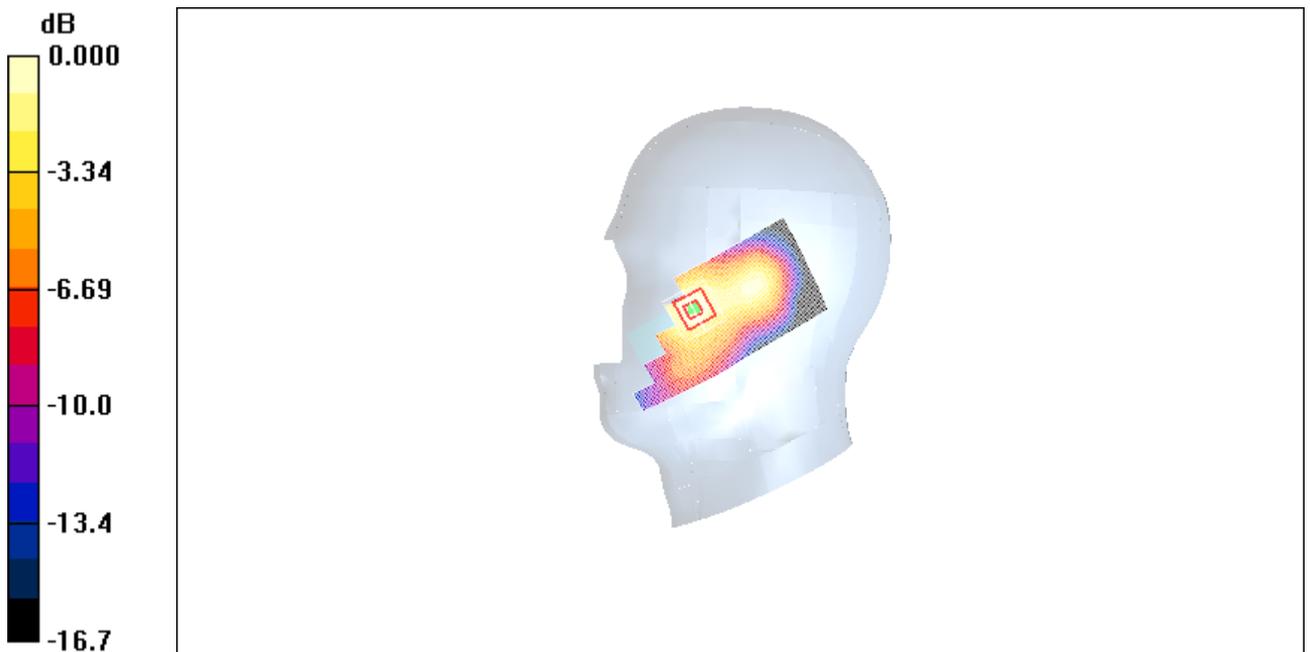Maximum value of SAR (interpolated) = 0.282 mW/g

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

Reference Value = 6.91 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.290 mW/g

0 dB = 0.290mW/g

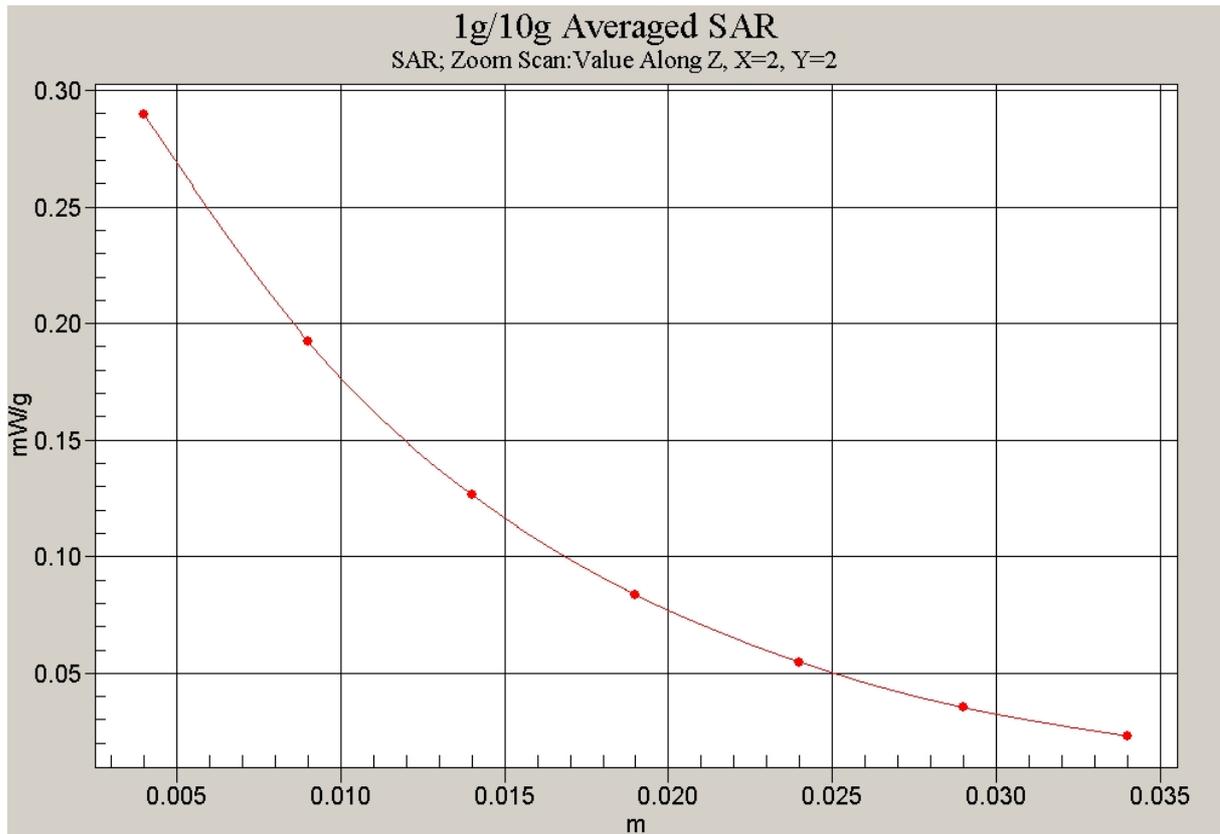**Fig. 111 Right Hand Touch Cheek WCDMA 1900MHz CH9538 – Slide up**

Fig. 112 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide up

WCDMA 1900 Right Cheek Middle – Slide up

Date/Time: 2009-2-9 10:52:22

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

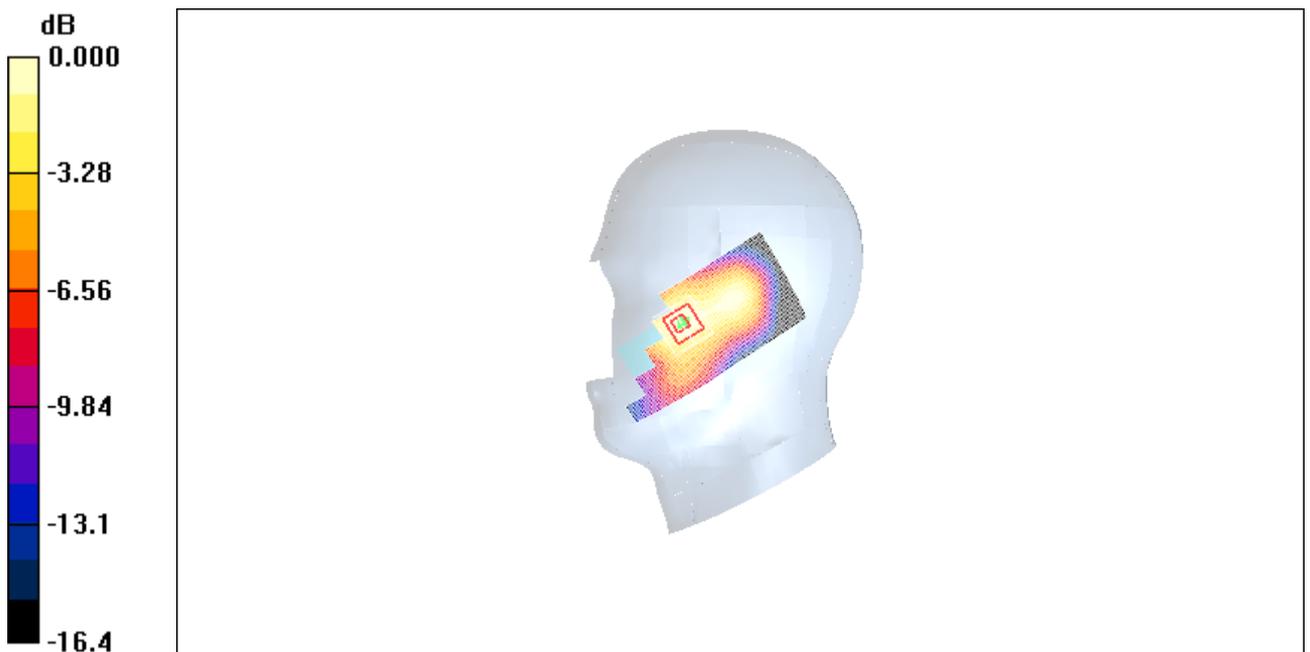Maximum value of SAR (interpolated) = 0.364 mW/g

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

Reference Value = 7.85 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (measured) = 0.372 mW/g

0 dB = 0.372mW/g

Fig.113 Right Hand Touch Cheek WCDMA 1900MHz CH9400 – Slide up
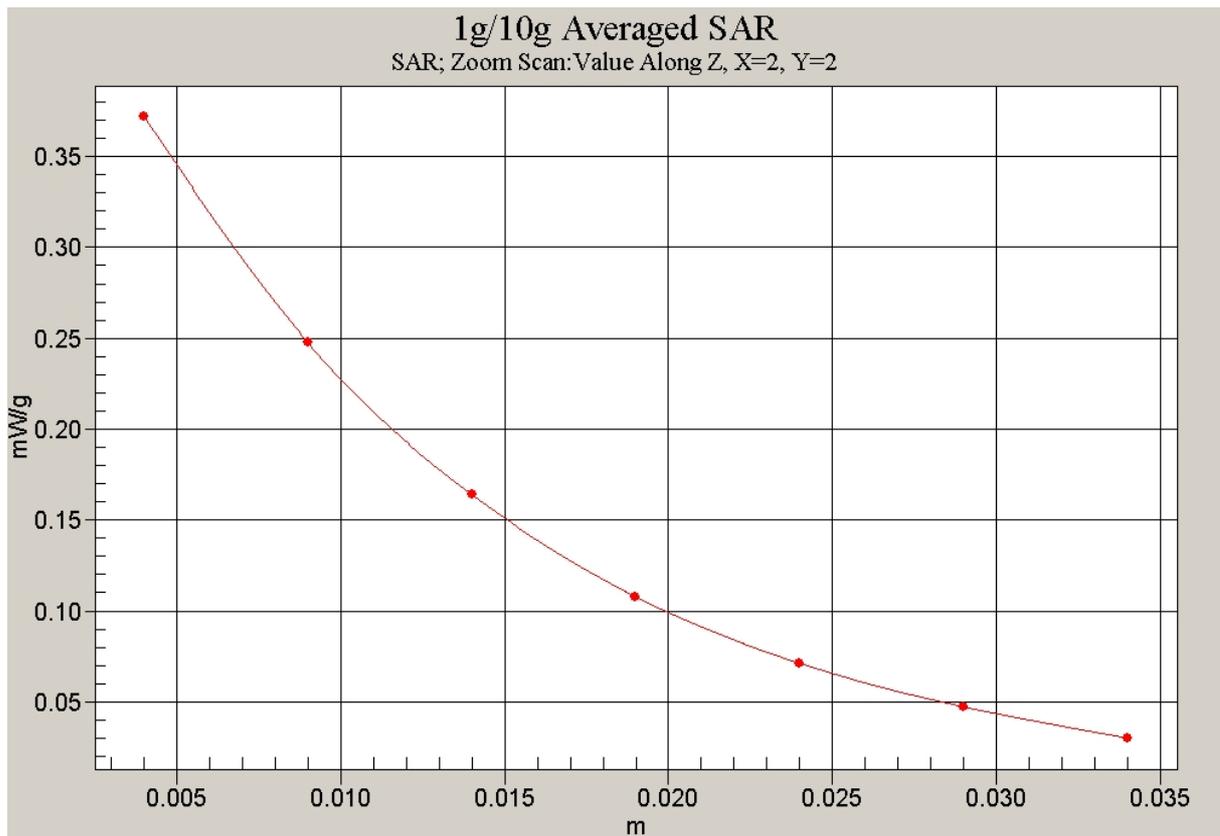
Fig. 114 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide up

WCDMA 1900 Right Cheek Low – Slide up

Date/Time: 2009-2-9 11:06:42

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

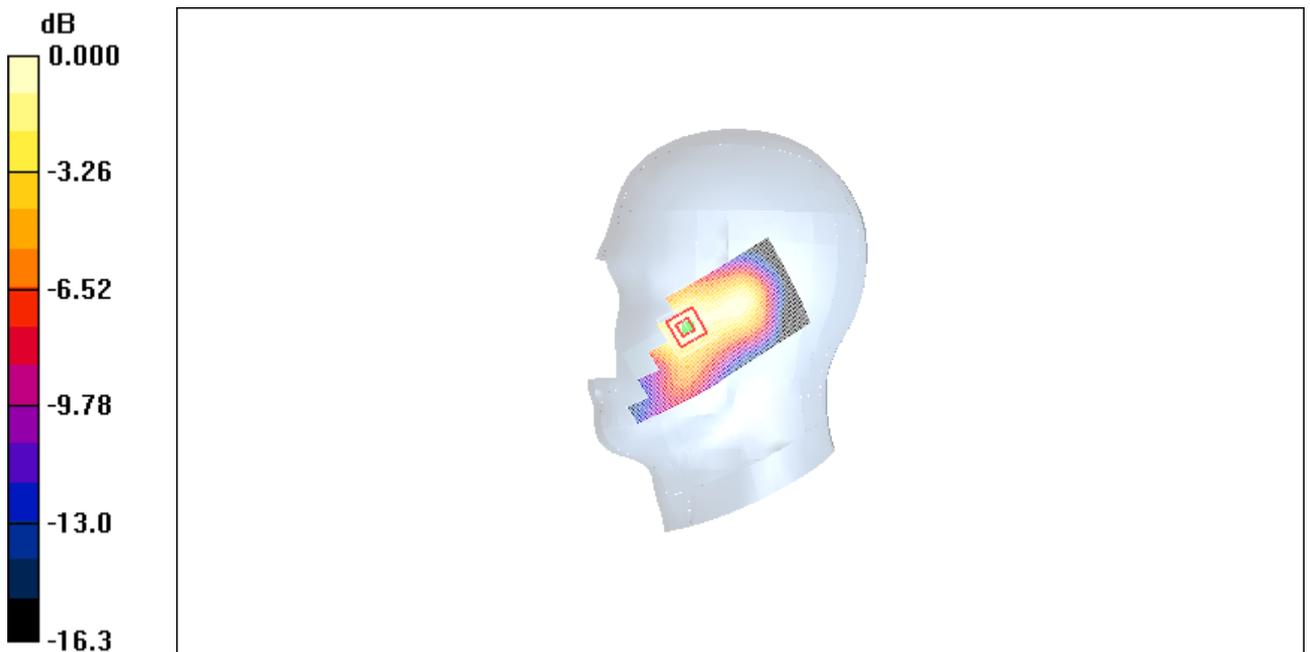Maximum value of SAR (interpolated) = 0.374 mW/g

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

Reference Value = 7.27 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.370 mW/g

0 dB = 0.370mW/g

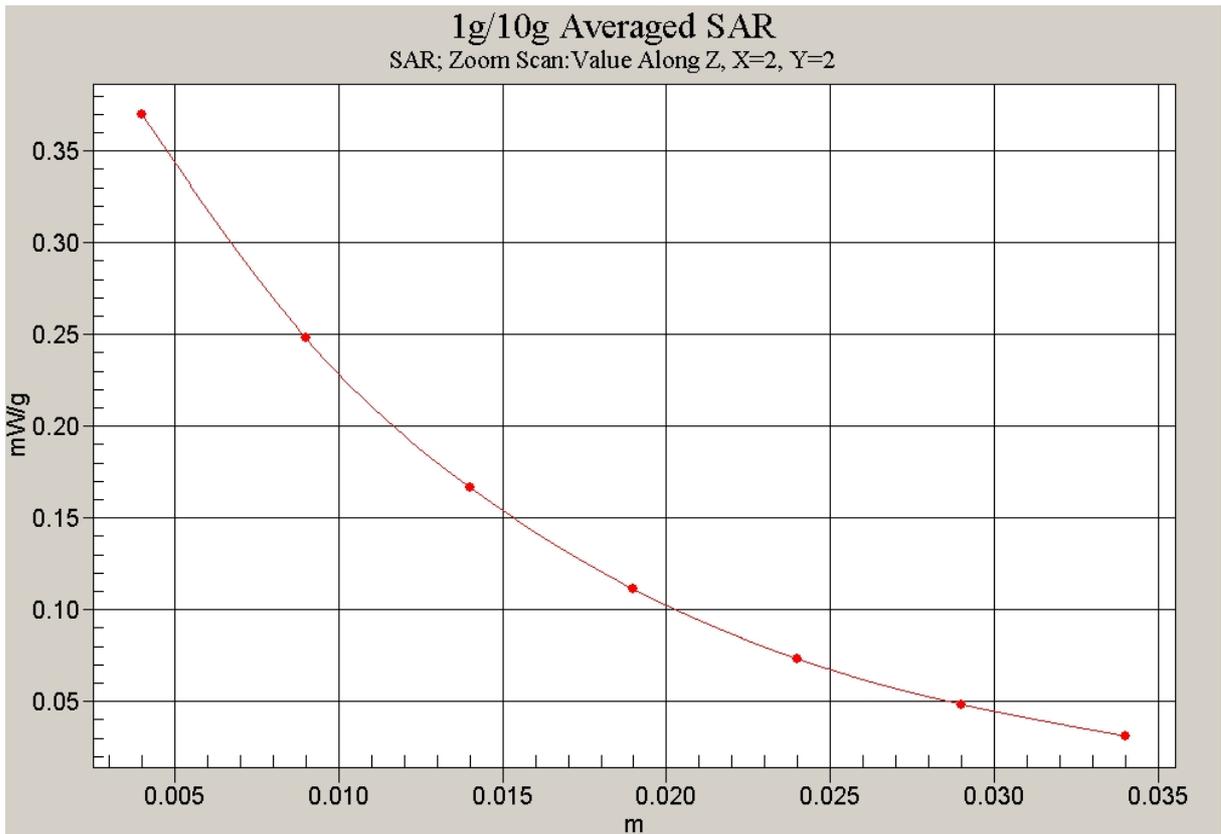**Fig. 115 Right Hand Touch Cheek WCDMA 1900MHz CH9262 – Slide up**

Fig. 116 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide up

WCDMA 1900 Right Tilt High – Slide up

Date/Time: 2009-2-9 11:20:05

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

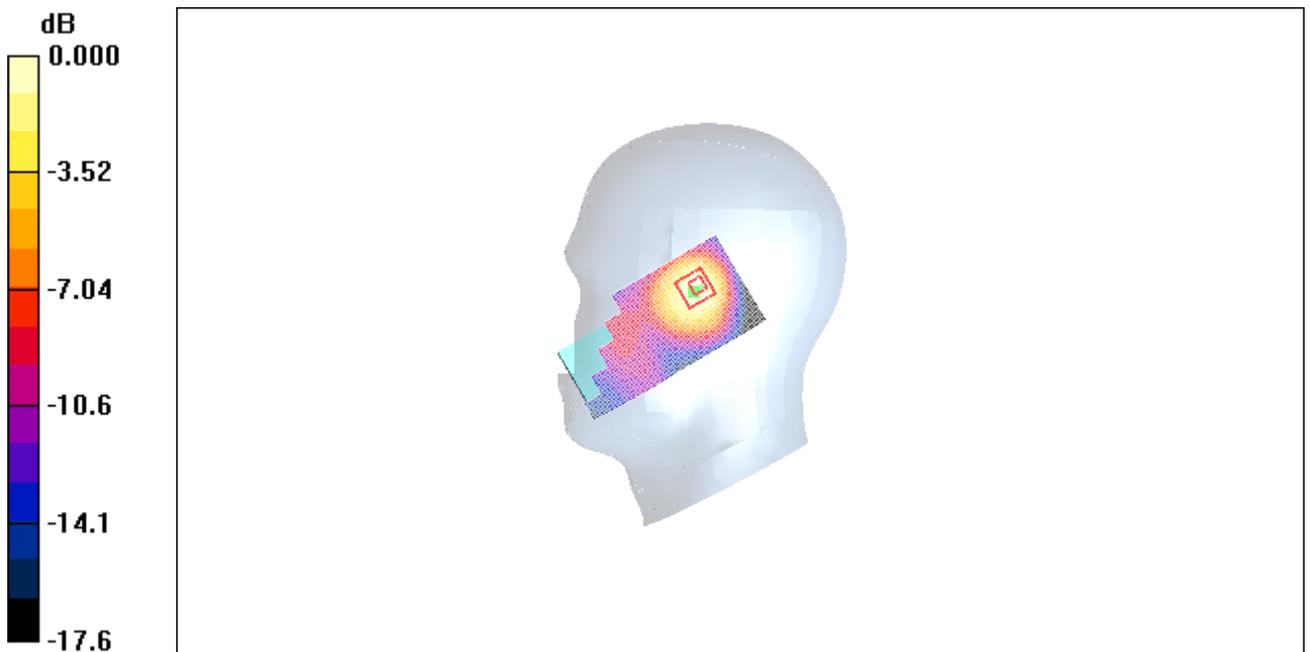Maximum value of SAR (interpolated) = 0.309 mW/g

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

Reference Value = 10.4 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.298 mW/g

0 dB = 0.298mW/g

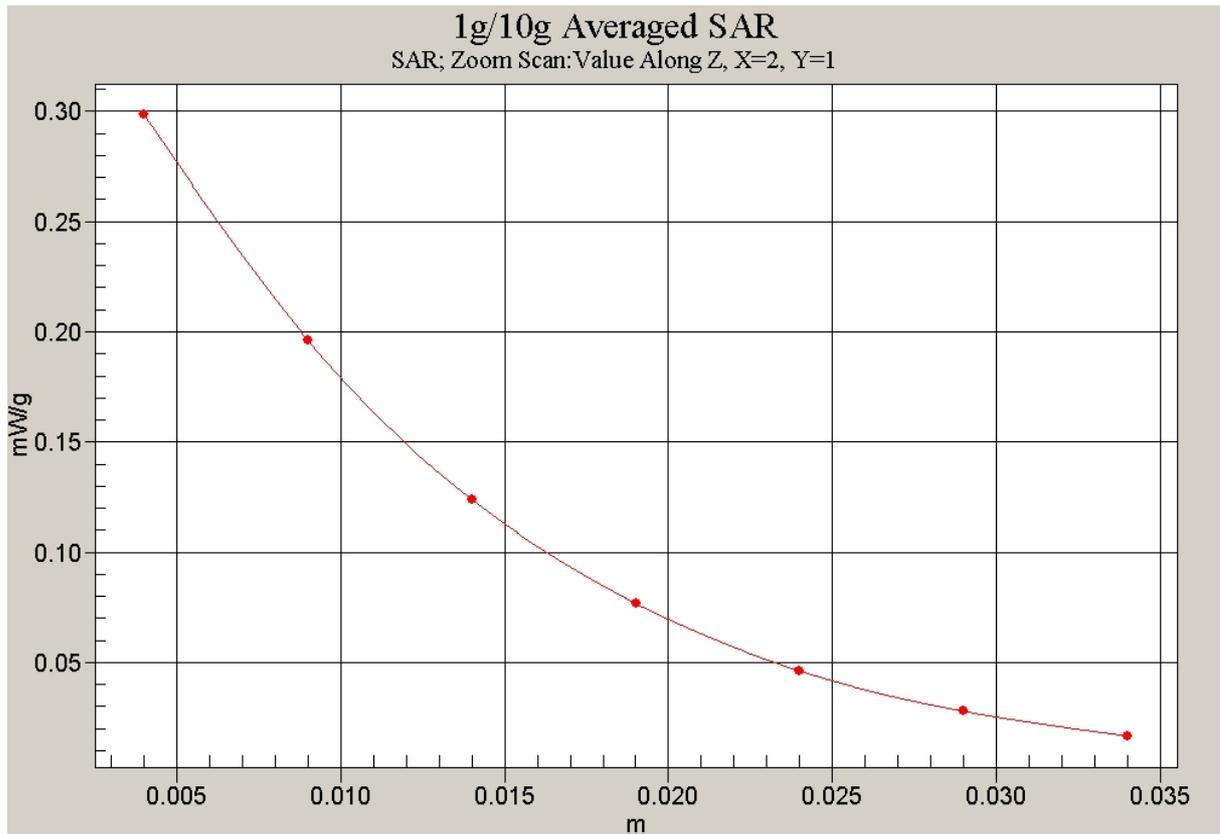**Fig. 117 Right Hand Tilt 15°WCDMA 1900MHz CH9538 – Slide** up

Fig. 118 Z-Scan at power reference point (WCDMA 1900MHz CH9538) – Slide up

WCDMA 1900 Right Tilt Middle – Slide up

Date/Time: 2009-2-9 11:34:14

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

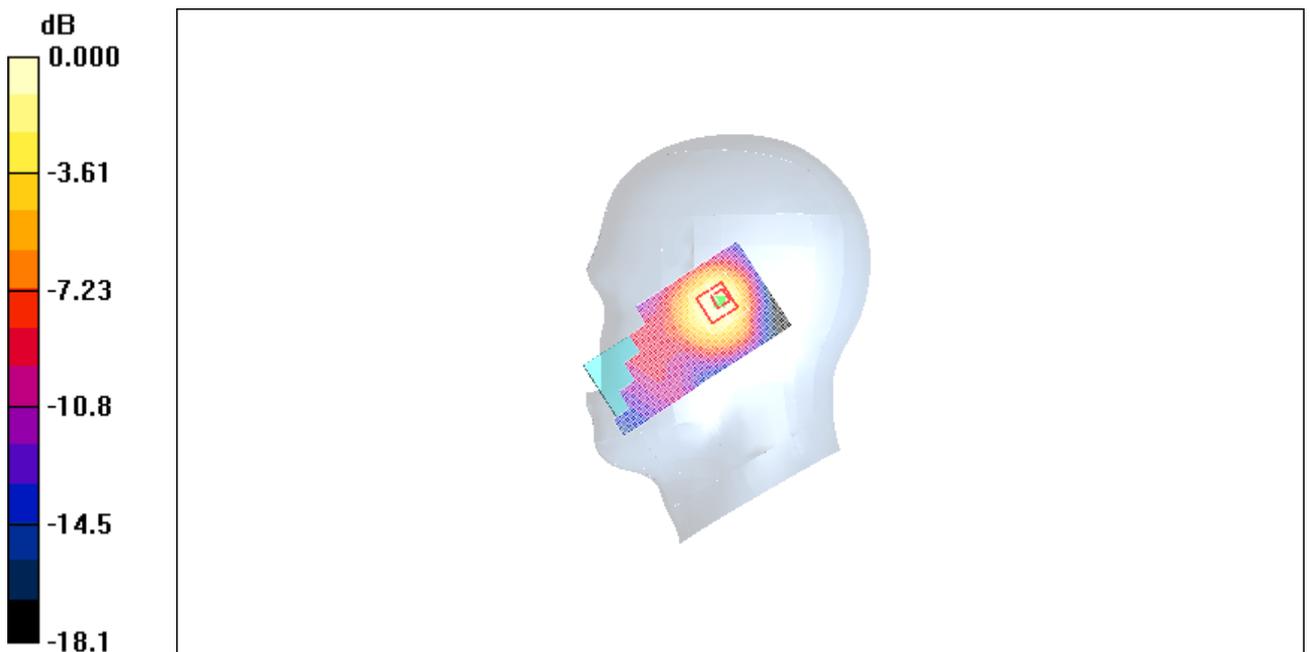Maximum value of SAR (interpolated) = 0.393 mW/g

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

Reference Value = 11.3 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.337 mW/g

0 dB = 0.337mW/g

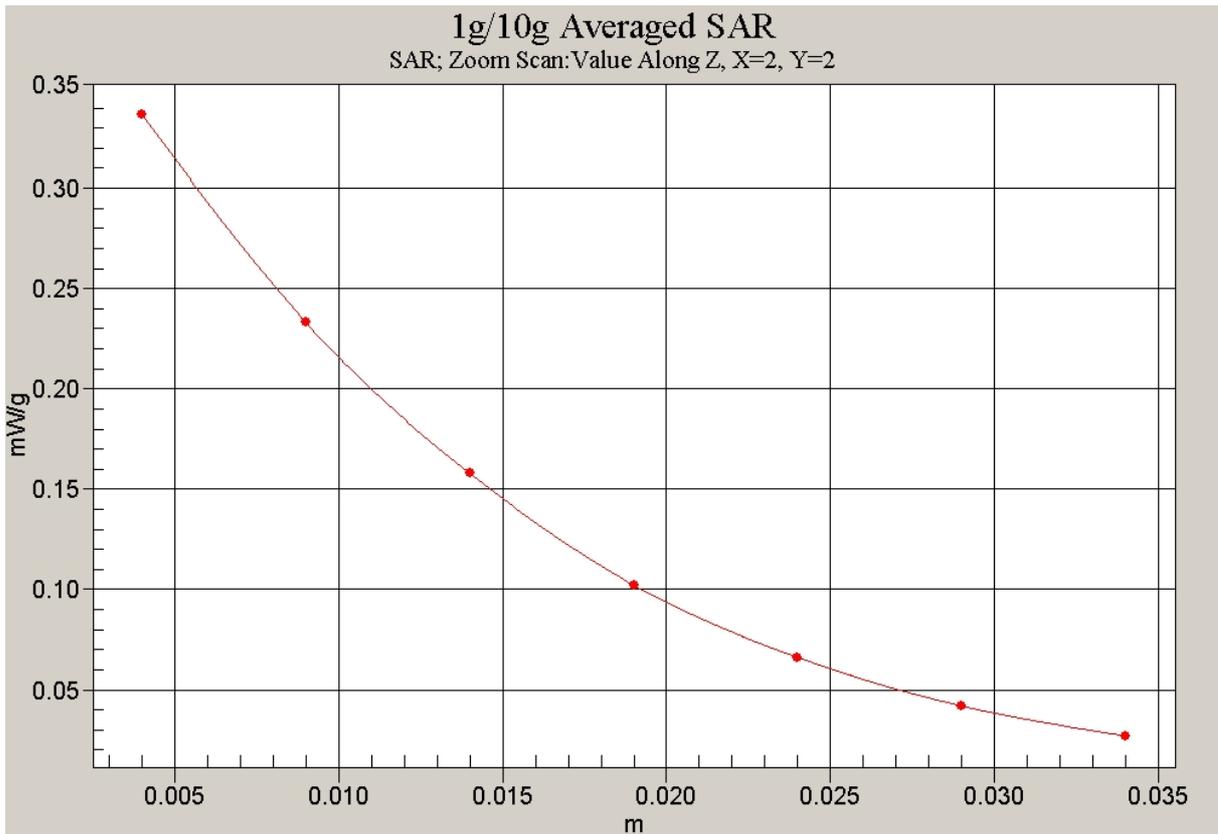**Fig. 119 Right Hand Tilt 15°WCDMA 1900MHz CH9400 – Slide** up

Fig. 120 Z-Scan at power reference point (WCDMA 1900MHz CH9400) – Slide up

WCDMA 1900 Right Tilt Low – Slide up

Date/Time: 2009-2-9 11:48:50

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 (51x101x1): Measurement grid: dx=10mm, dy=10mm

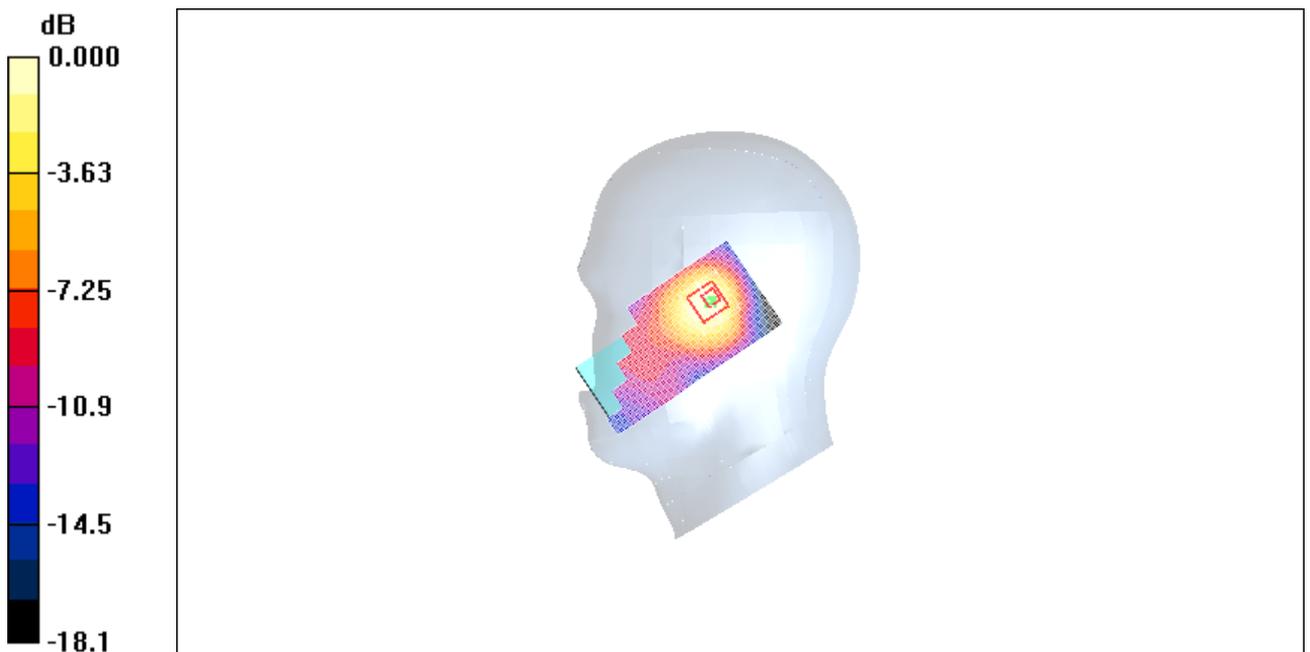Maximum value of SAR (interpolated) = 0.386 mW/g

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

Reference Value = 10.9 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.326 mW/g

0 dB = 0.326mW/g

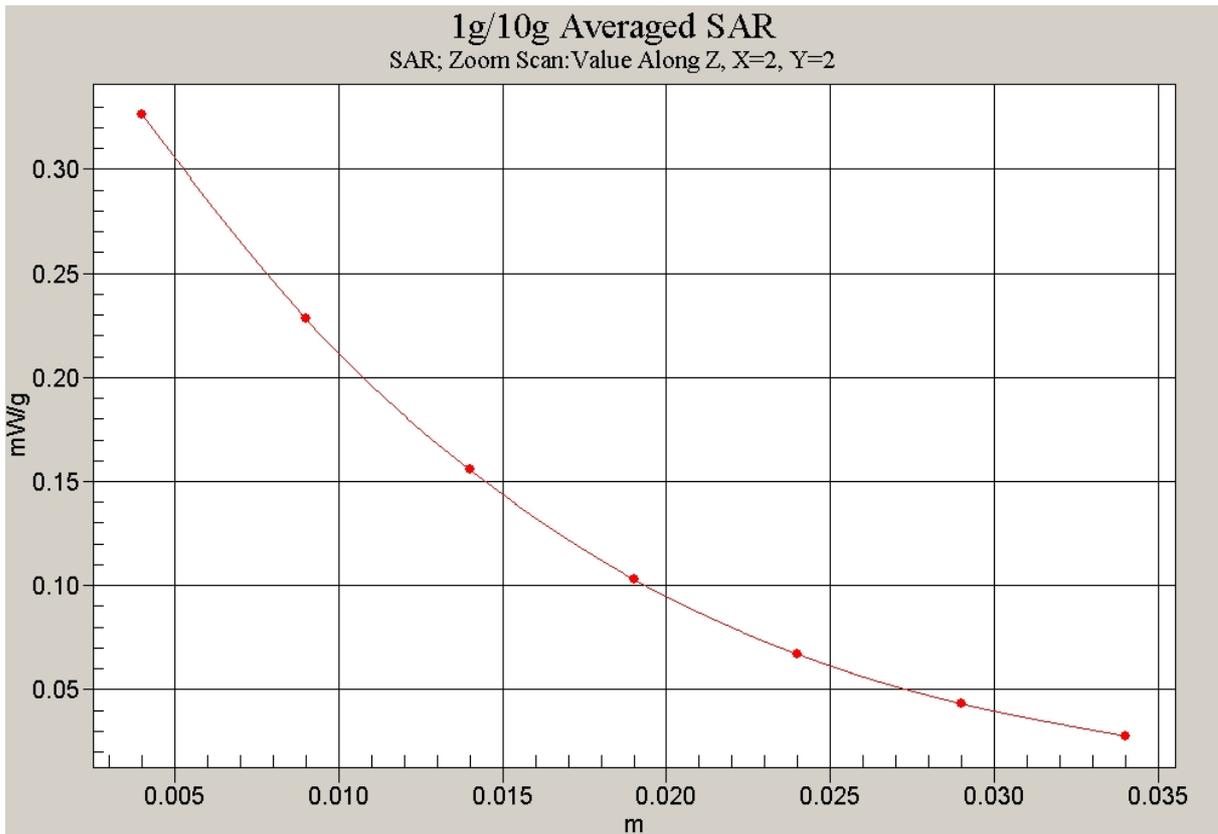**Fig. 121 Right Hand Tilt 15°WCDMA 1900MHz CH9262 – Slide up**

Fig. 122 Z-Scan at power reference point (WCDMA 1900MHz CH9262) – Slide up

WCDMA 1900 Body Toward Ground High – Slide down

Date/Time: 2009-2-9 12:09:13

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.56 mho/m; ε_r = 52.3; 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: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
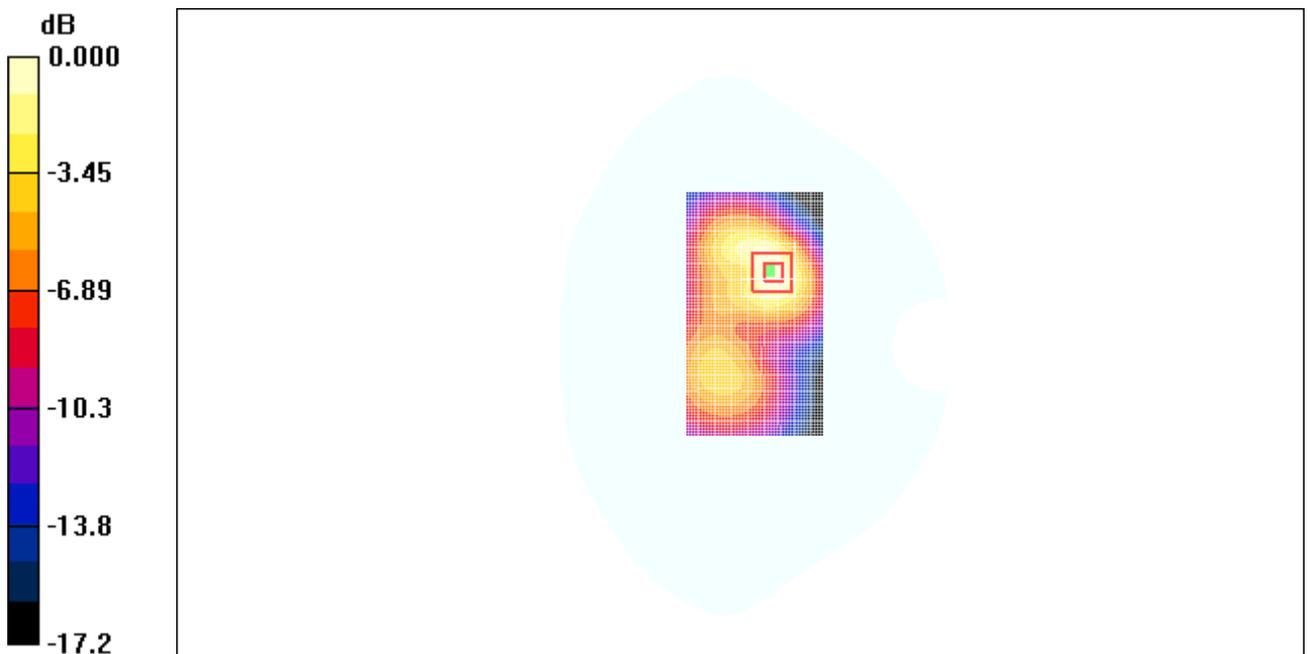
Maximum value of SAR (interpolated) = 0.612 mW/g

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

Reference Value = 7.84 V/m; Power Drift = 0.000 dB
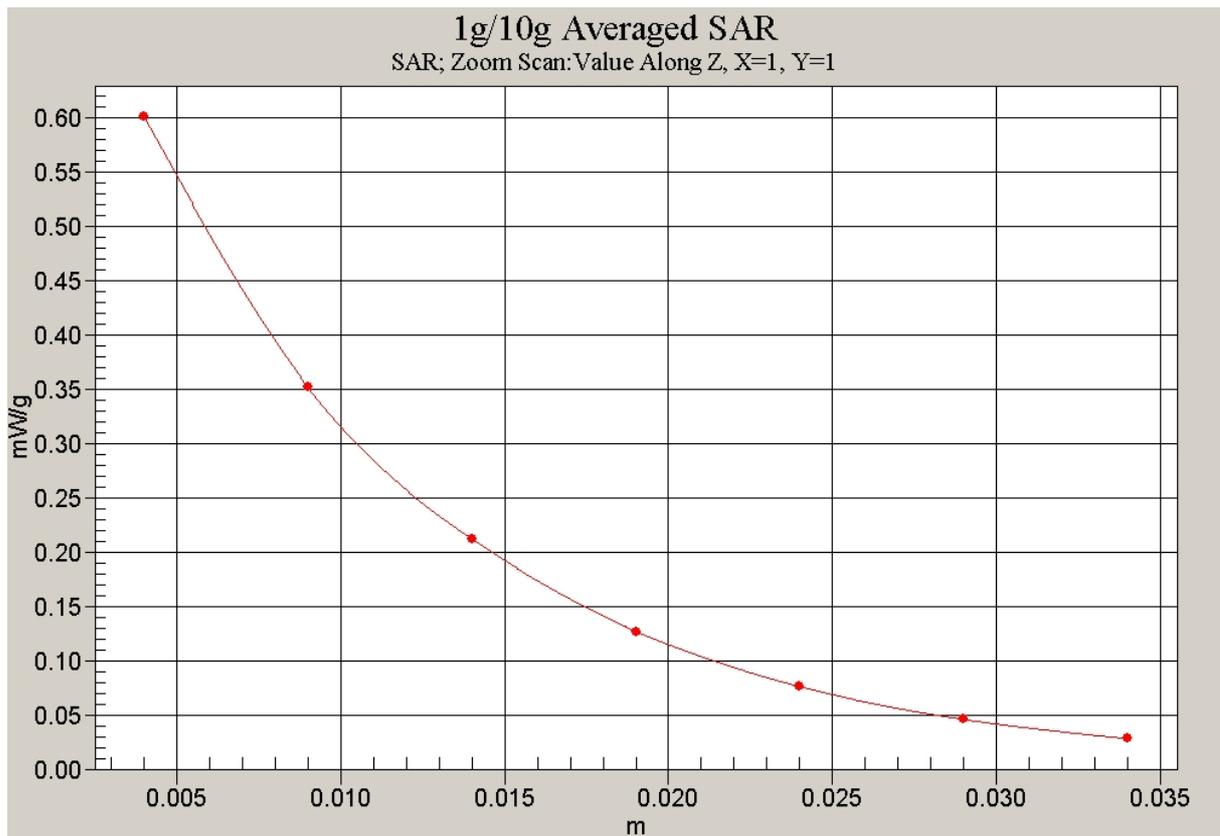
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.600 mW/g

0 dB = 0.600mW/g

Fig. 123 WCDMA 1900MHz, Body, Towards Ground, CH9538 – Slide down

**Fig. 124 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9538)
– Slide down**

WCDMA 1900 Body Toward Ground Middle – Slide down

Date/Time: 2009-2-9 12:22:30

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 52.4; ρ = 1000 kg/m³

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

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

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

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

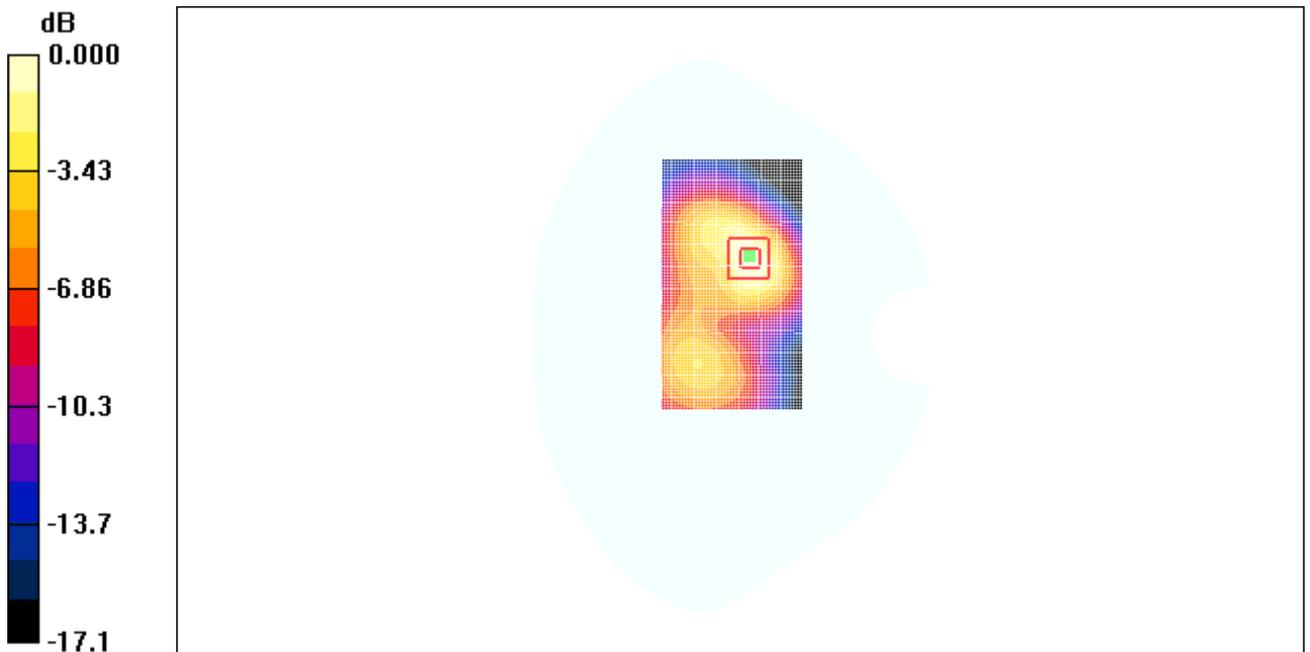Maximum value of SAR (interpolated) = 0.730 mW/g

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

Reference Value = 8.89 V/m; Power Drift = 0.063 dB
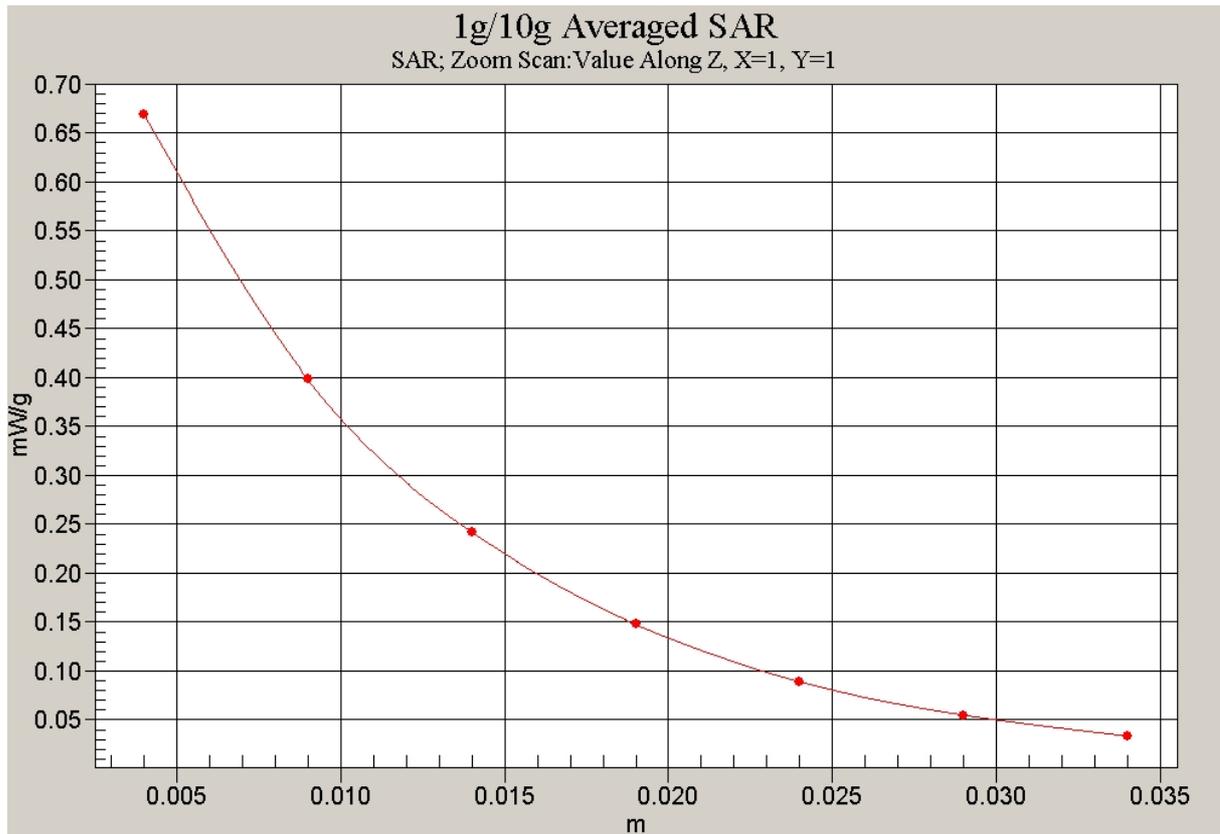
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.669 mW/g

0 dB = 0.669mW/g

Fig. 125 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide down

Fig. 126 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9400) – Slide down

WCDMA 1900 Body Toward Ground Low – Slide down

Date/Time: 2009-2-9 12:35:04

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.53 mho/m; ε_r = 52.4; 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 - SN3149 ConvF(4.68, 4.68, 4.68)

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

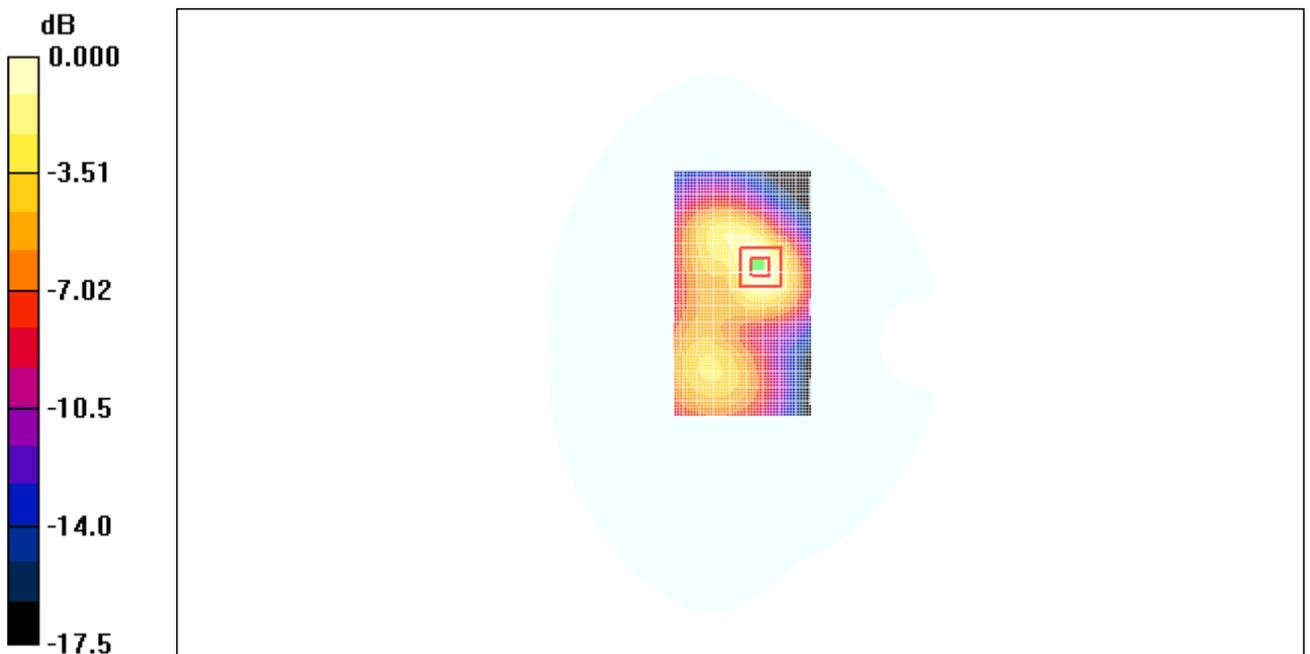Maximum value of SAR (interpolated) = 0.647 mW/g

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

Reference Value = 9.05 V/m; Power Drift = 0.110 dB

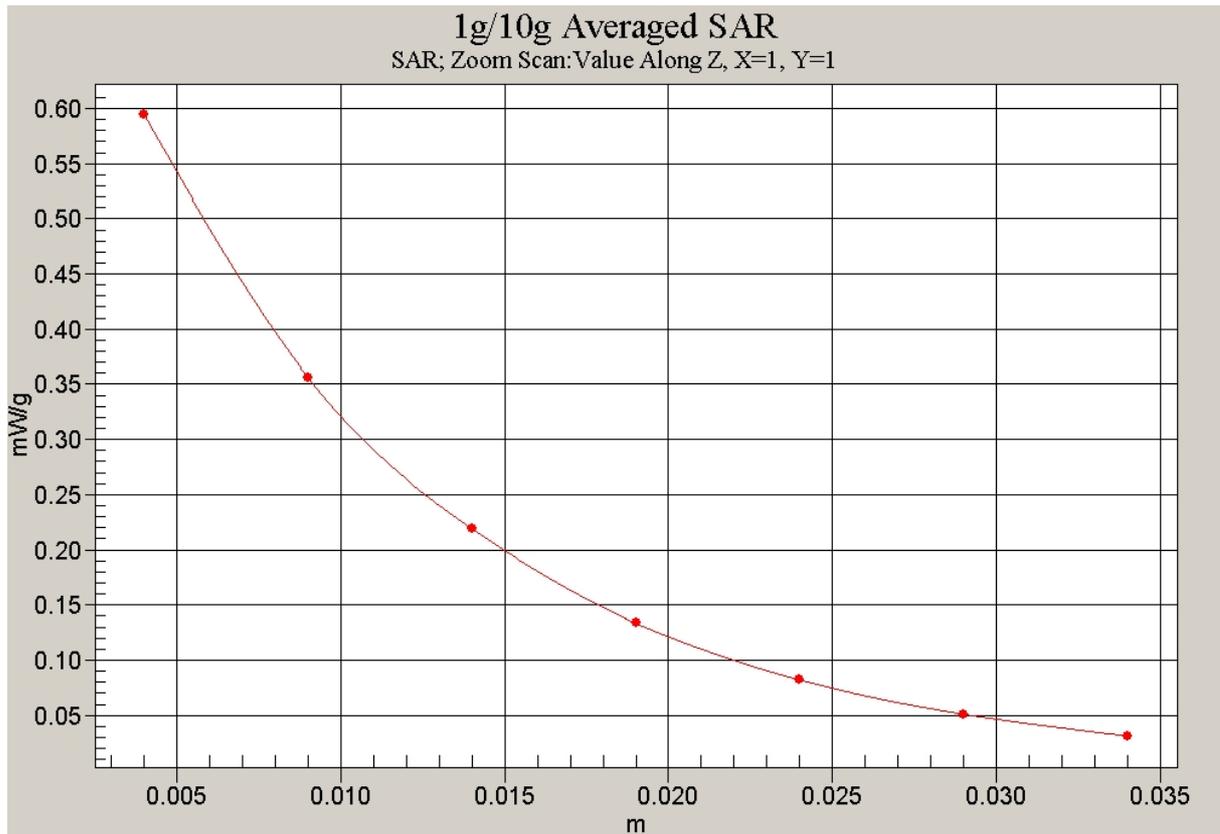Peak SAR (extrapolated) = 0.996 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.594 mW/g

0 dB = 0.594mW/g

Fig. 127 WCDMA 1900MHz, Body, Towards Ground, CH9262 – Slide down

Fig. 128 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9262) – Slide down

WCDMA 1900 Body Toward Phantom High – Slide down

Date/Time: 2009-2-9 12:48:24

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.56 mho/m; ε_r = 52.3; ρ = 1000 kg/m³

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

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

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

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

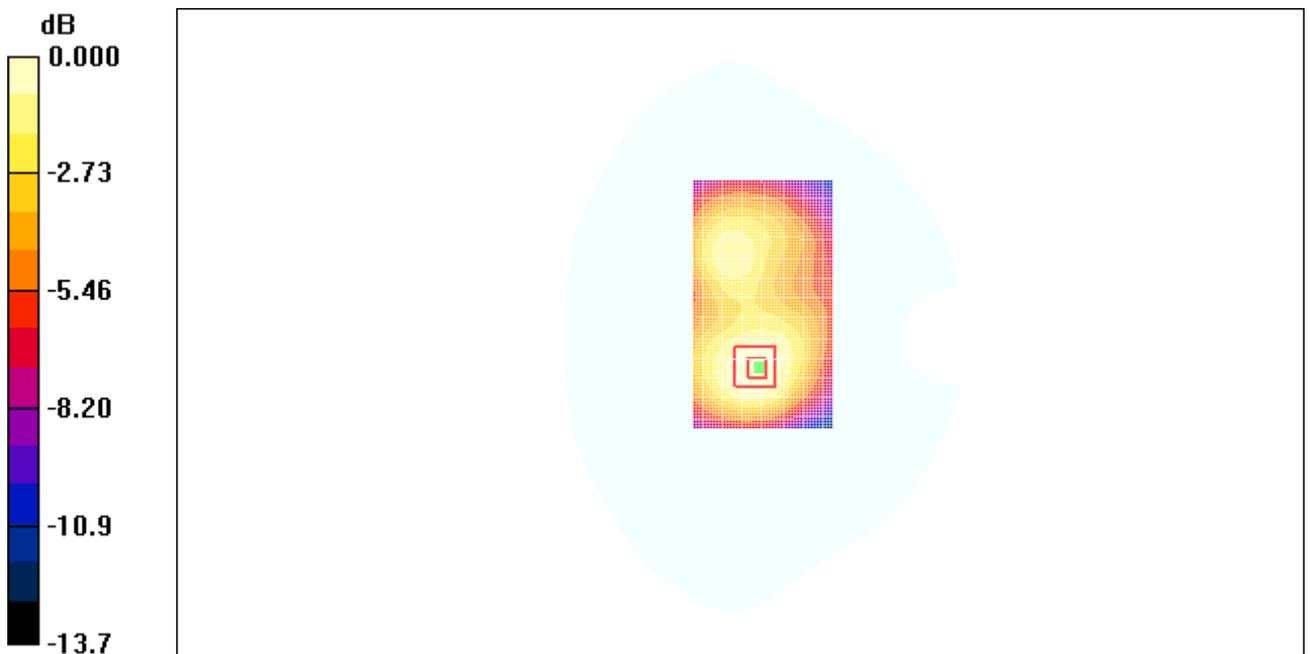Maximum value of SAR (interpolated) = 0.144 mW/g

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

Reference Value = 8.76 V/m; Power Drift = -0.028 dB

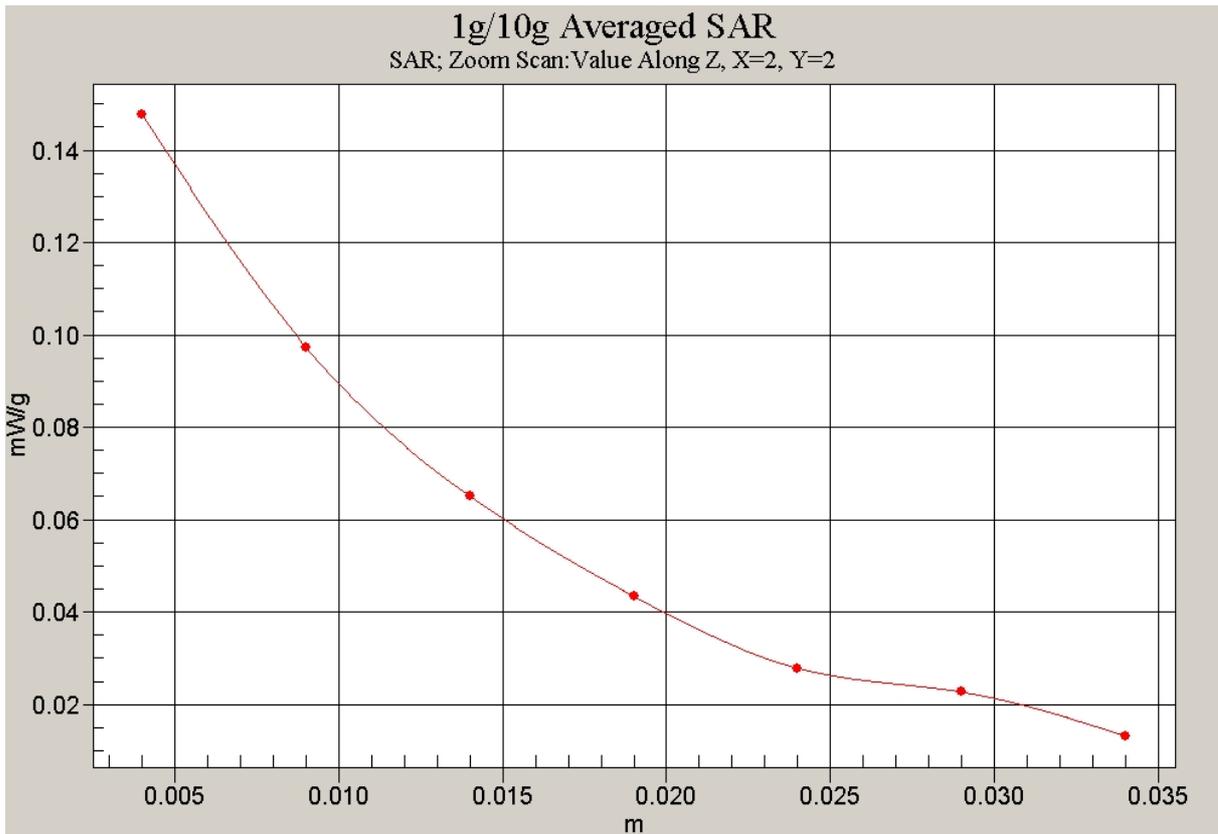Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.148 mW/g

0 dB = 0.148mW/g

Fig. 129 WCDMA 1900MHz, Body, Towards Phantom, CH9538 – Slide down

Fig. 130 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Phantom, CH9538) – Slide down

WCDMA 1900 Body Toward Phantom Middle – Slide down

Date/Time: 2009-2-9 13:01:12

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 52.4; 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 - SN3149 ConvF(4.68, 4.68, 4.68)

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

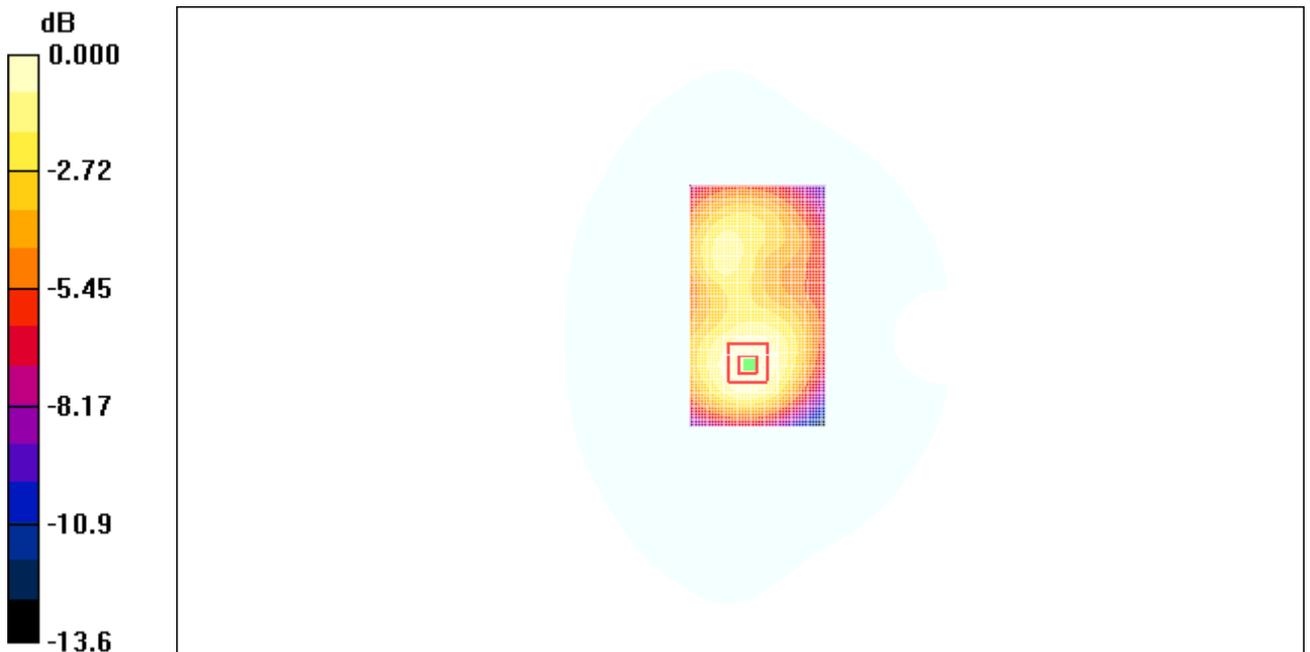Maximum value of SAR (interpolated) = 0.170 mW/g

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

Reference Value = 9.51 V/m; Power Drift = 0.174 dB

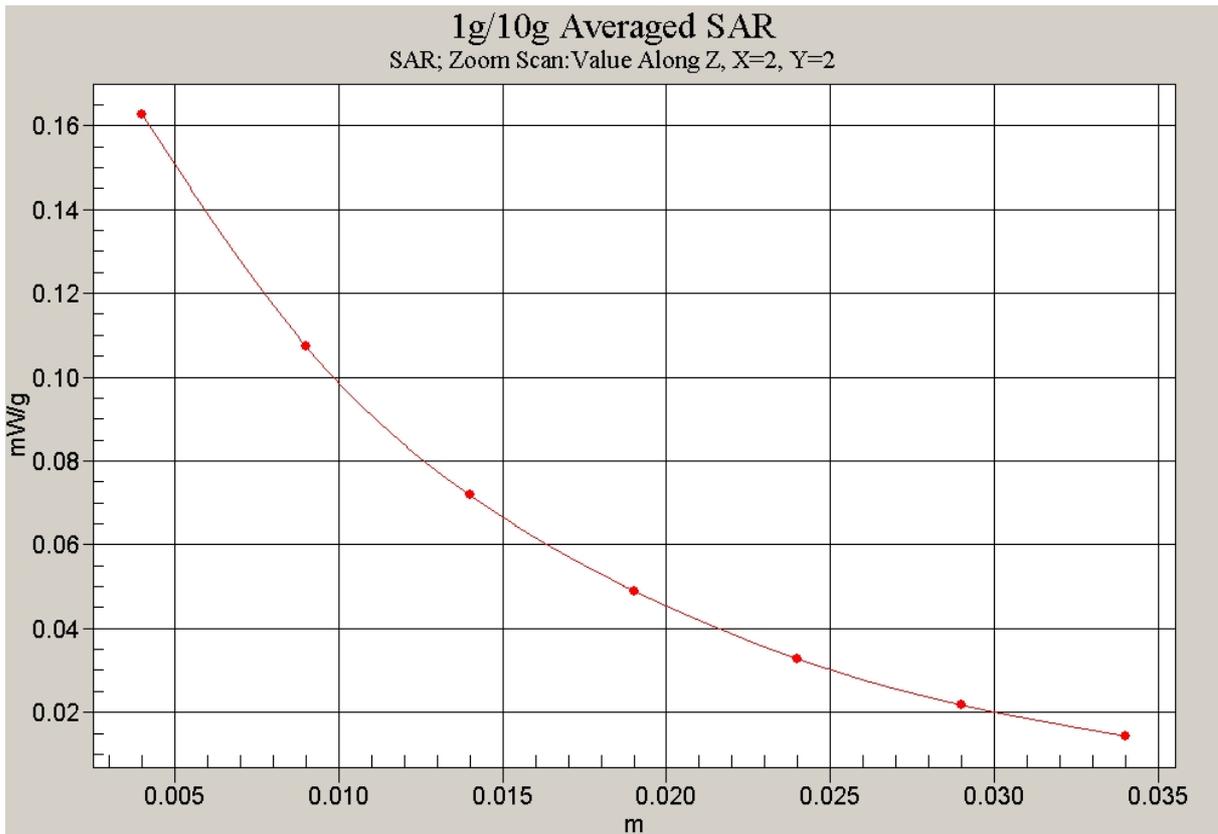Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.103 mW/g

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

0 dB = 0.163mW/g

Fig. 131 WCDMA 1900MHz, Body, Towards Phantom, CH9400 – Slide down

Fig. 132 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Phantom, CH9400) – Slide down

WCDMA 1900 Body Toward Phantom Low – Slide down

Date/Time: 2009-2-9 13:14:31

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.53 mho/m; ε_r = 52.4; 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 - SN3149 ConvF(4.68, 4.68, 4.68)

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

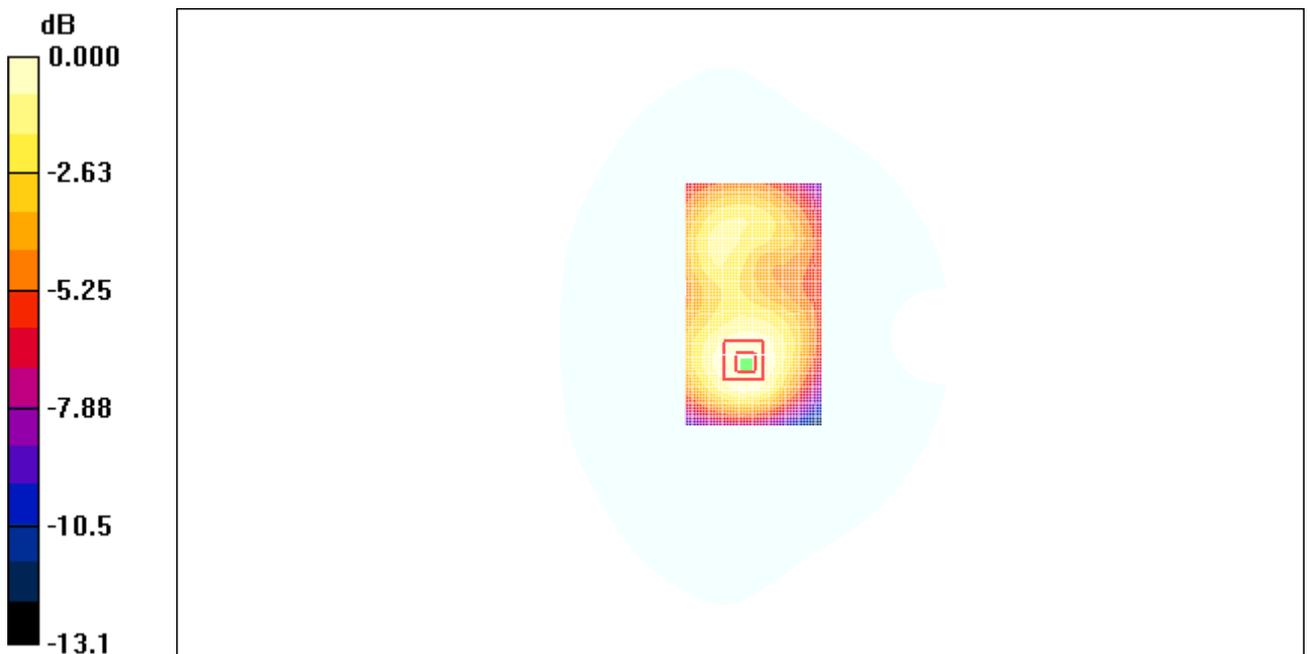Maximum value of SAR (interpolated) = 0.154 mW/g

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

Reference Value = 9.37 V/m; Power Drift = 0.052 dB

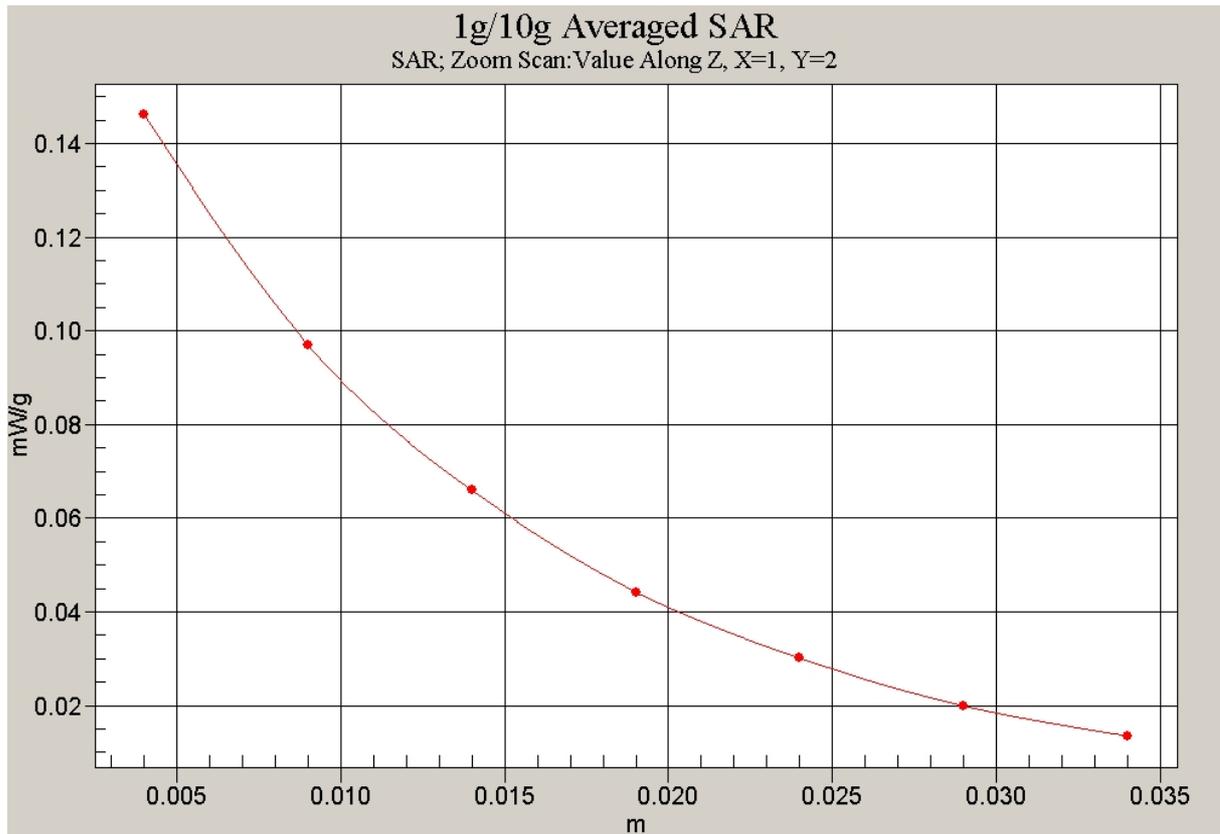Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.146 mW/g

0 dB = 0.146mW/g

Fig. 133 WCDMA 1900MHz, Body, Towards Phantom, CH9262 – Slide down

Fig.134 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Ground, CH9262) – Slide down

WCDMA 1900 Body Toward Ground High – Slide up

Date/Time: 2009-2-9 13:28:27

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.56 mho/m; ε_r = 52.3; 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: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

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

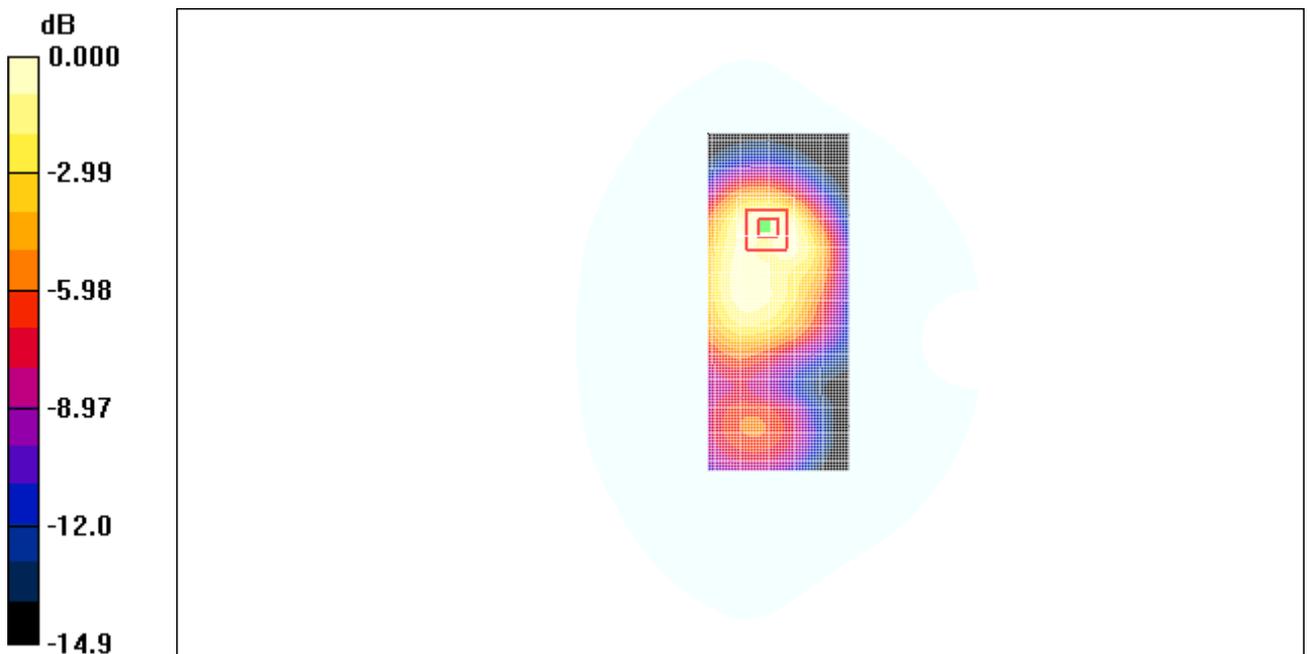Maximum value of SAR (interpolated) = 0.374 mW/g

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

Reference Value = 8.85 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.348 mW/g

0 dB = 0.348mW/g

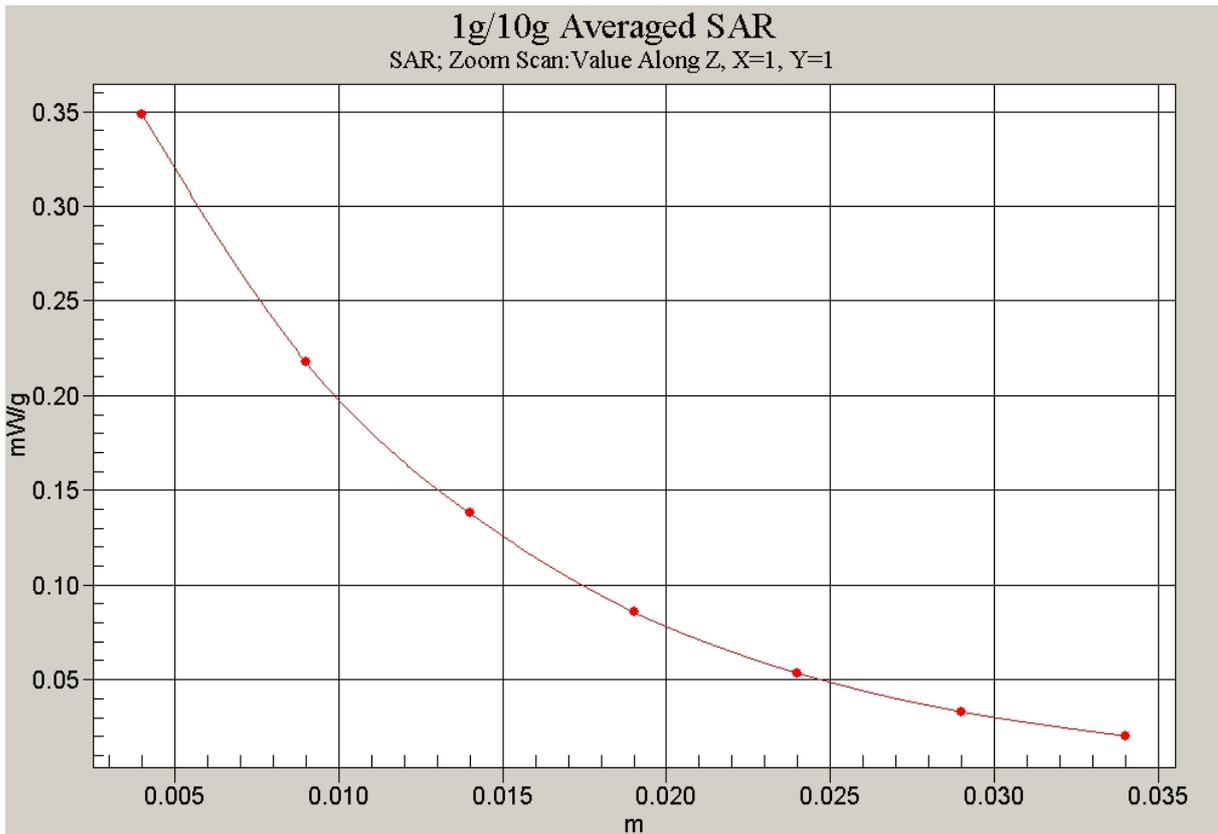**Fig. 135 WCDMA 1900MHz, Body, Towards Ground, CH9538 – Slide** up

**Fig. 136 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9538)
– Slide up**

WCDMA 1900 Body Toward Ground Middle – Slide up

Date/Time: 2009-2-9 13:42:13

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 52.4; 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 - SN3149 ConvF(4.68, 4.68, 4.68)

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

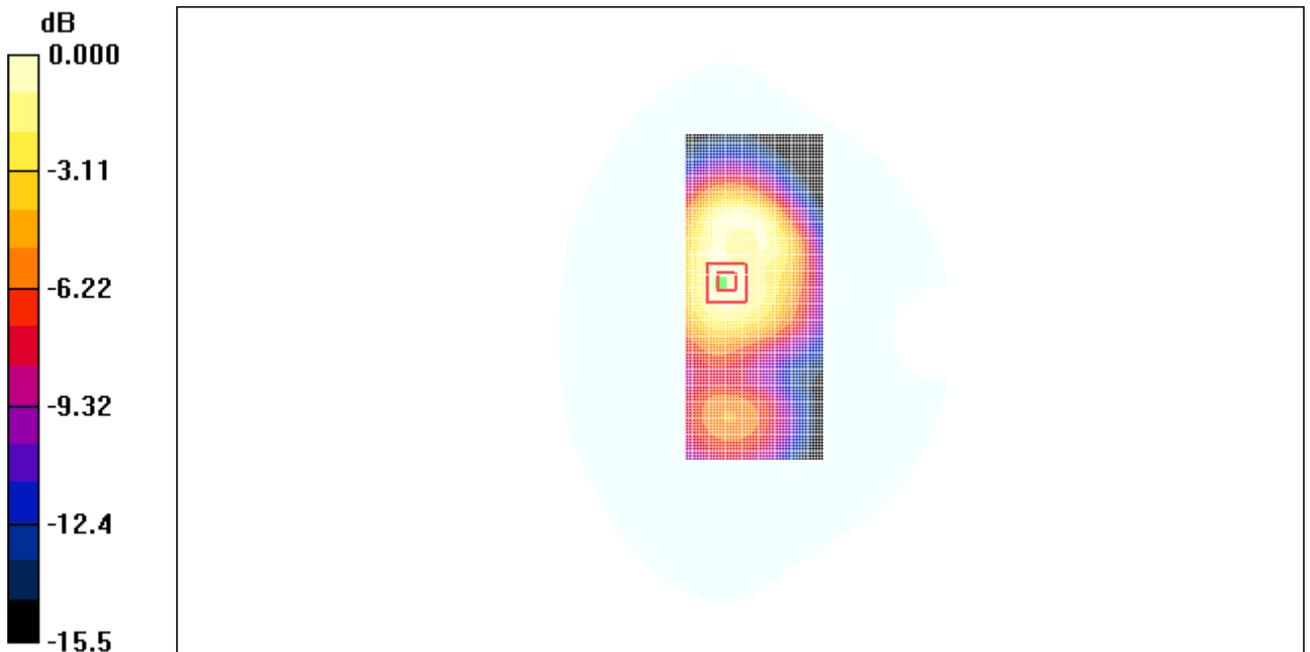Maximum value of SAR (interpolated) = 0.398 mW/g

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

Reference Value = 10.0 V/m; Power Drift = 0.107 dB
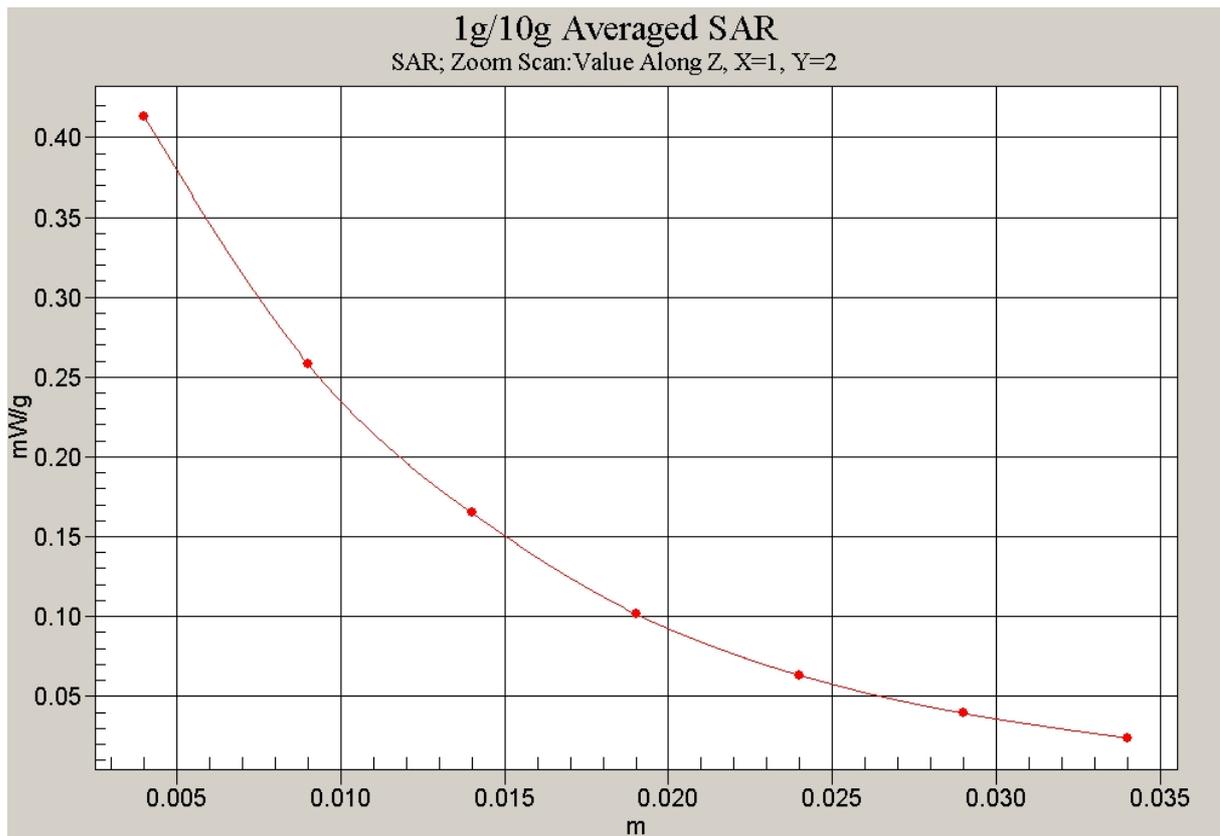
Peak SAR (extrapolated) = 0.619 W/kg

SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.413 mW/g

0 dB = 0.413mW/g

Fig. 137 WCDMA 1900MHz, Body, Towards Ground, CH9400 – Slide up

Fig. 138 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9400) – Slide up

WCDMA 1900 Body Toward Ground Low – Slide up

Date/Time: 2009-2-9 13:55:43

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.53 mho/m; ε_r = 52.4; 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 - SN3149 ConvF(4.68, 4.68, 4.68)

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

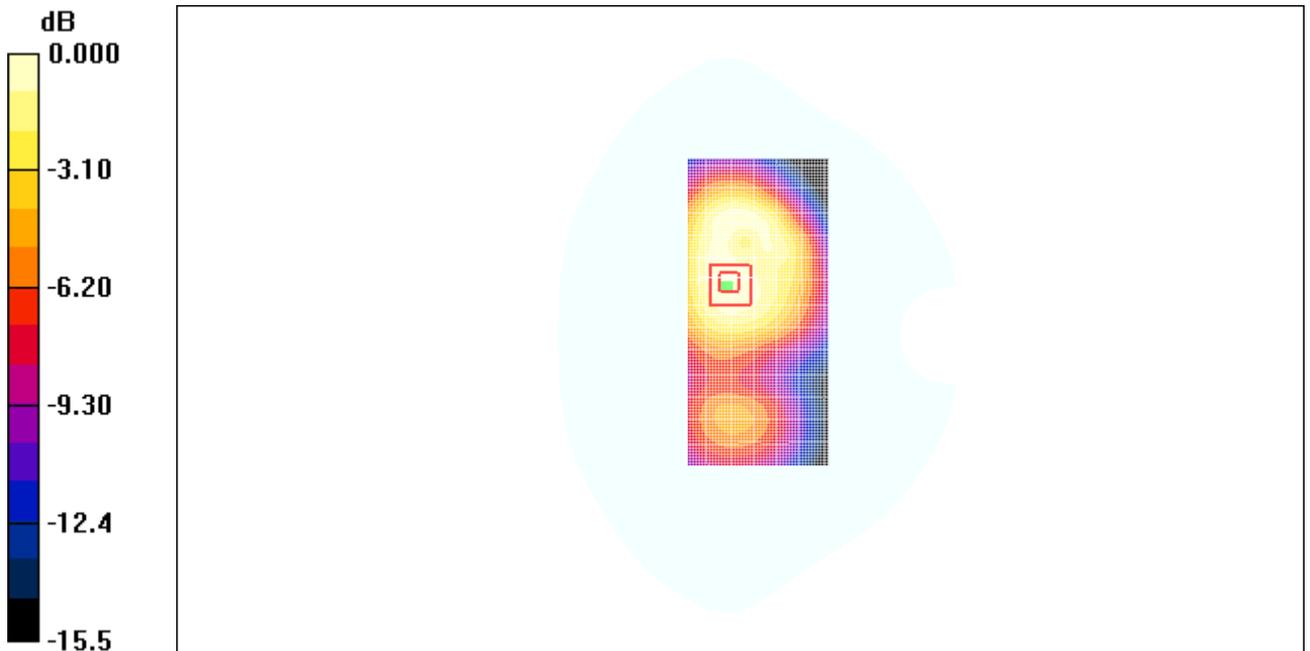Maximum value of SAR (interpolated) = 0.392 mW/g

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

Reference Value = 10.3 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.395 mW/g

0 dB = 0.395mW/g

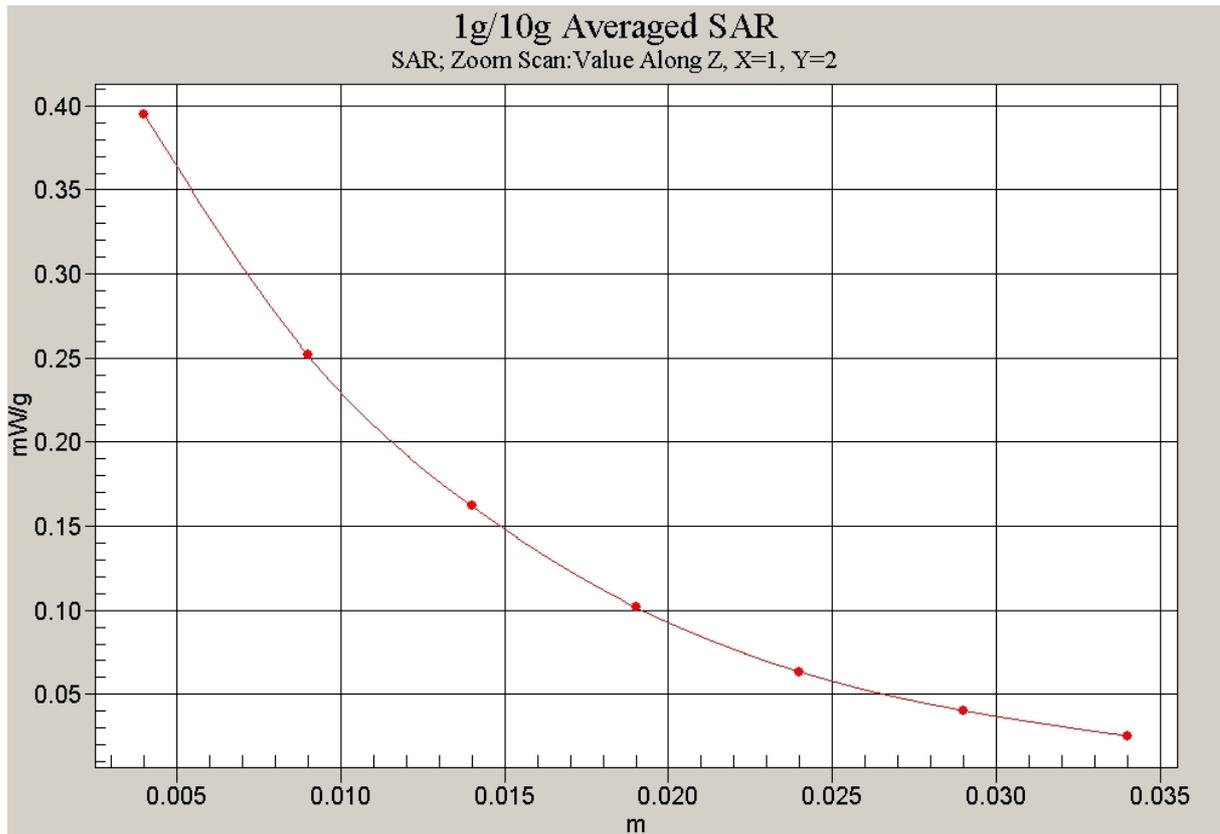**Fig. 139 WCDMA 1900MHz, Body, Towards Ground, CH9262 – Slide up**

Fig. 140 Z-Scan at power reference point(WCDMA 1900MHz,Body,Towards Ground,CH9262)
– Slide up

WCDMA 1900 Body Toward Phantom High – Slide up

Date/Time: 2009-2-9 14:09:02

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.56 mho/m; ε_r = 52.3; 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: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
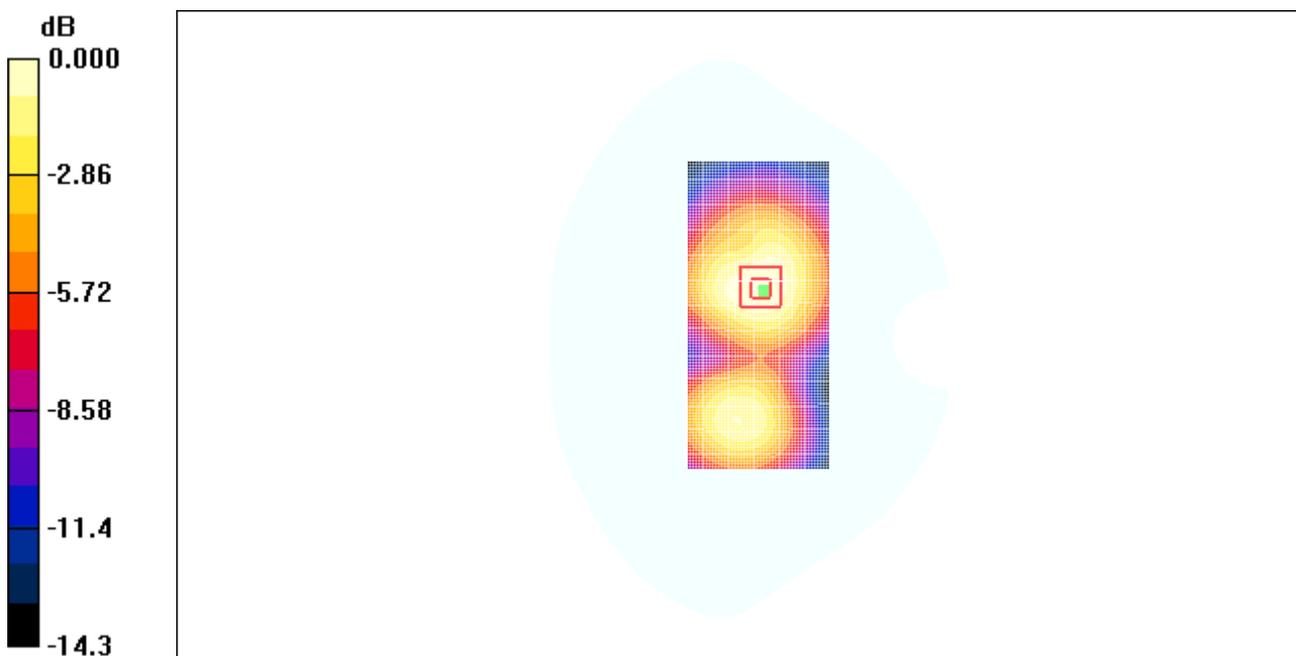
Maximum value of SAR (interpolated) = 0.283 mW/g

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

Reference Value = 7.98 V/m; Power Drift = 0.198 dB
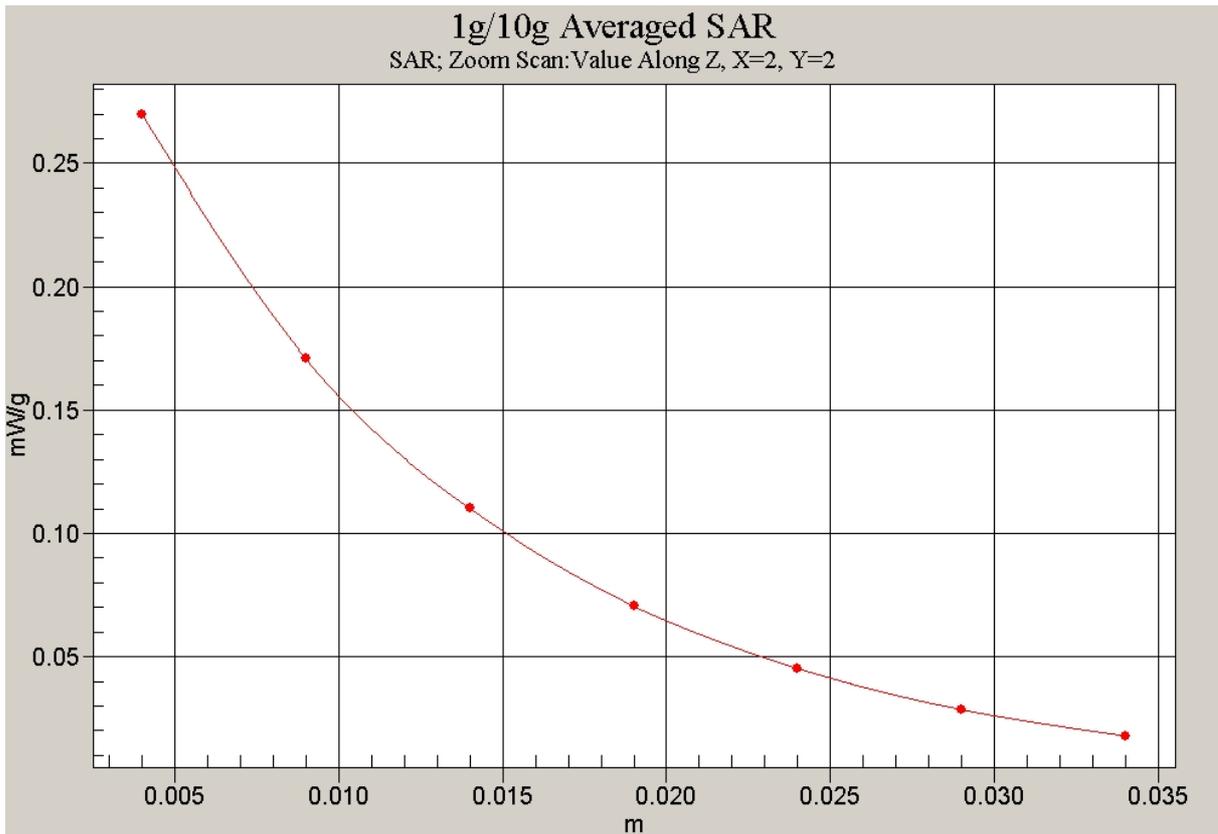
Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.270 mW/g

0 dB = 0.270mW/g

Fig. 141 WCDMA 1900MHz, Body, Towards Phantom, CH9538 – Slide up

Fig. 142 Z-Scan at power reference point (WCDMA 1900MHz, Body, Towards Phantom, CH9538) – Slide up

WCDMA 1900 Body Toward Phantom Middle – Slide up

Date/Time: 2009-2-9 14:23:32

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 52.4; 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 - SN3149 ConvF(4.68, 4.68, 4.68)

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

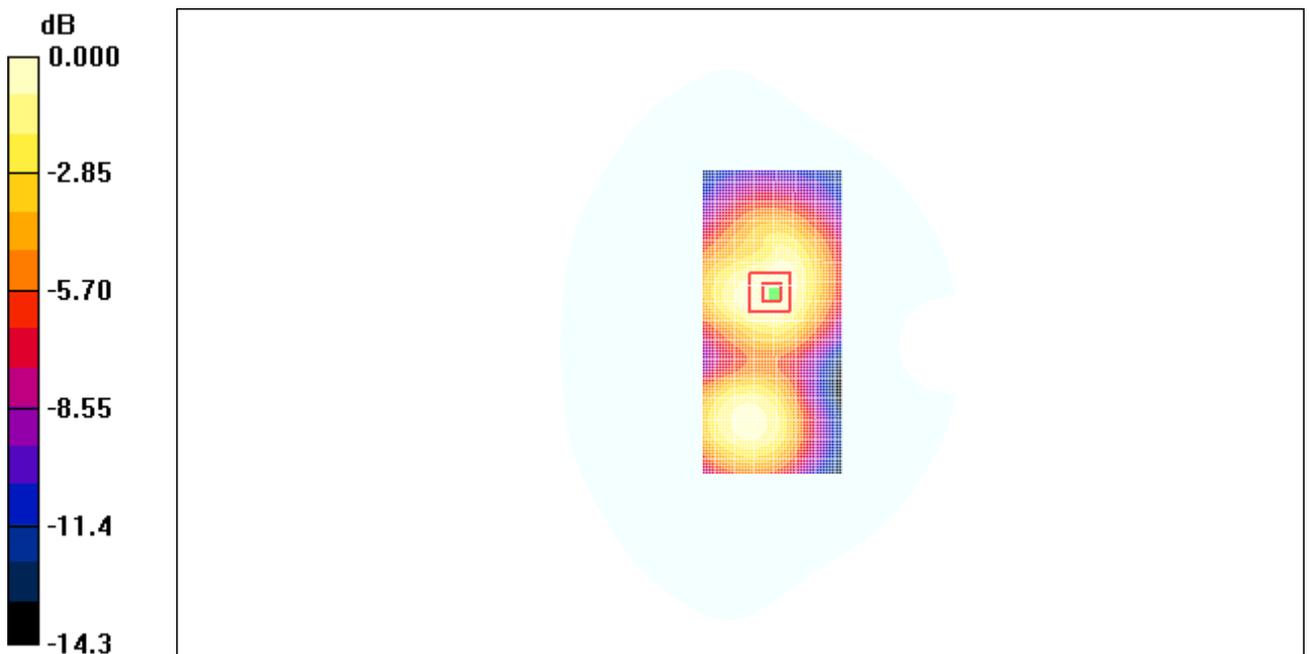Maximum value of SAR (interpolated) = 0.312 mW/g

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

Reference Value = 8.42 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.299 mW/g

0 dB = 0.299mW/g

Fig. 143 WCDMA 1900MHz, Body, Towards Phantom, CH9400 – Slide up