

WCDMA 850 Body Toward Ground Middle with Headset

Date/Time: 2008-12-10 14:35:56

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: WCDMA 850 Frequency: 836.4 MHz Duty Cycle: 1:1

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

Toward Ground Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=15mm

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

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

Reference Value = 22.4 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.485 mW/g

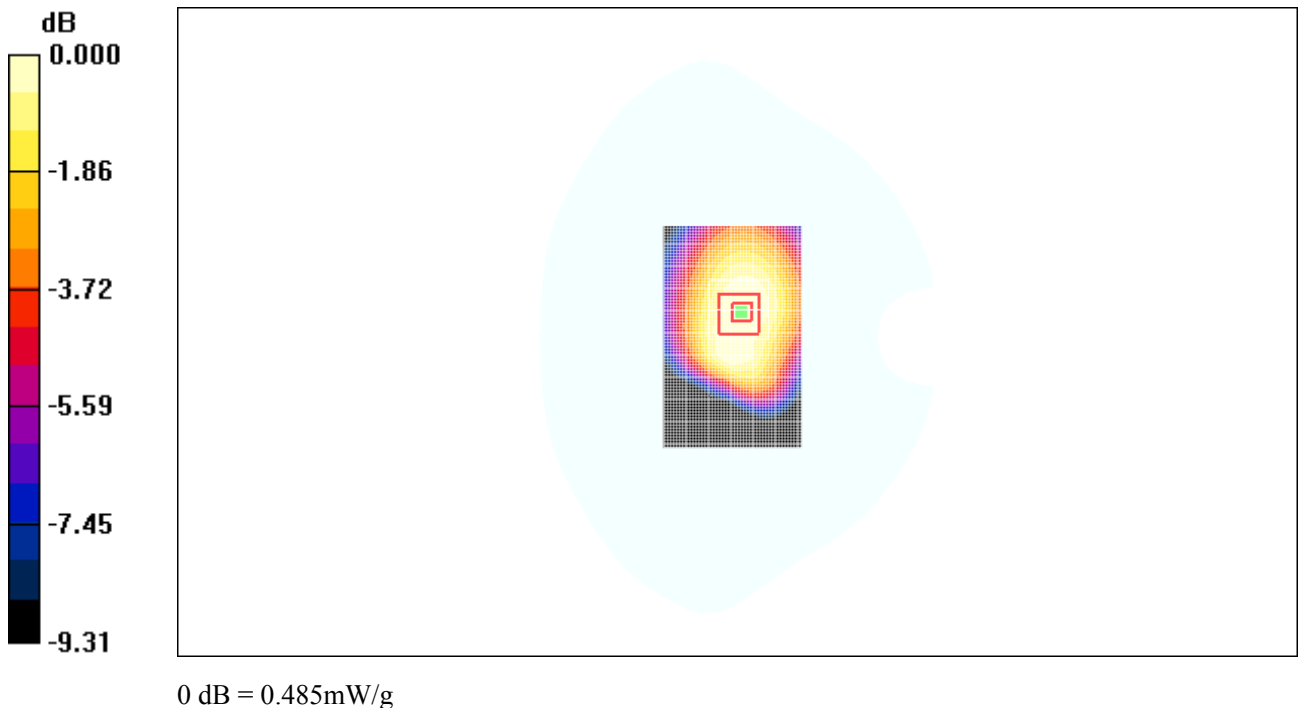


Fig. 37 WCDMA850 MHz, Body, Towards Ground, CH4182

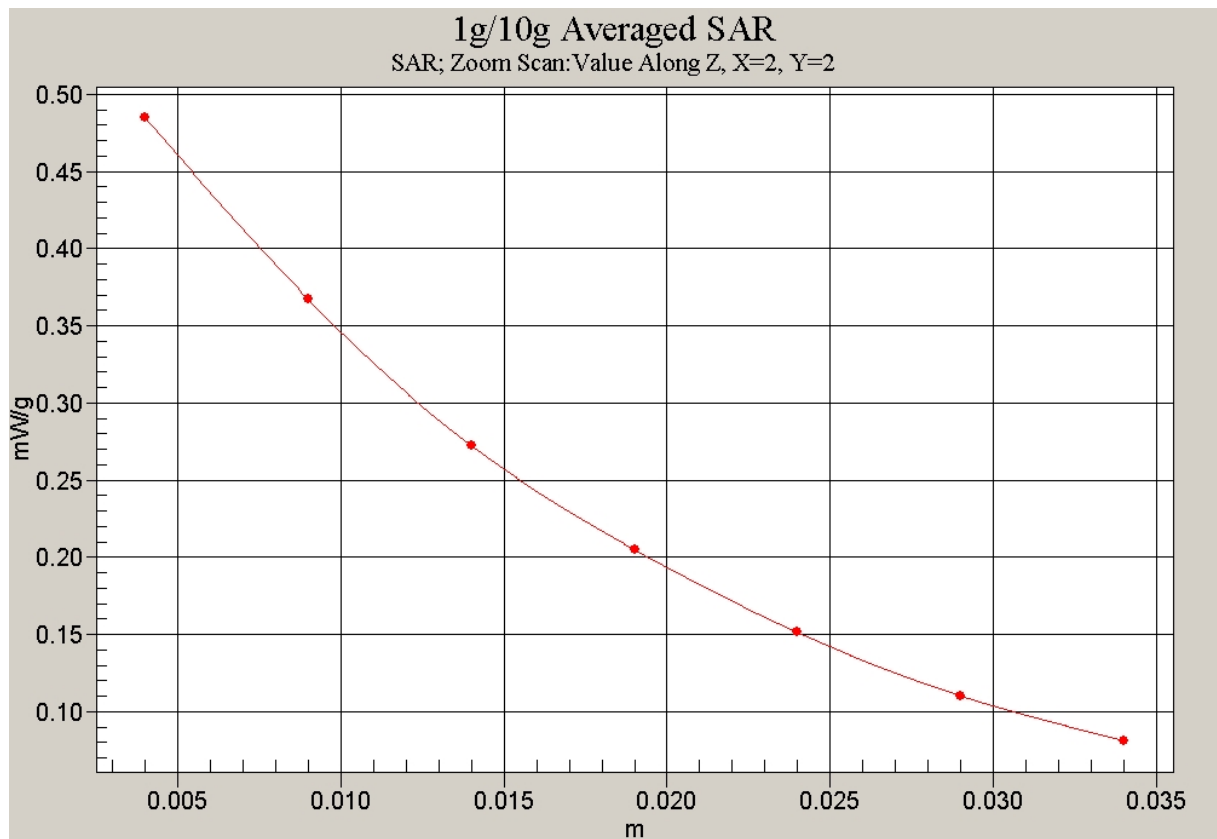


Fig. 38 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4182)

WCDMA 1900 Left Cheek High

Date/Time: 2008-12-11 14:07:26

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.818 mW/g

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

Reference Value = 17.7 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.773 mW/g

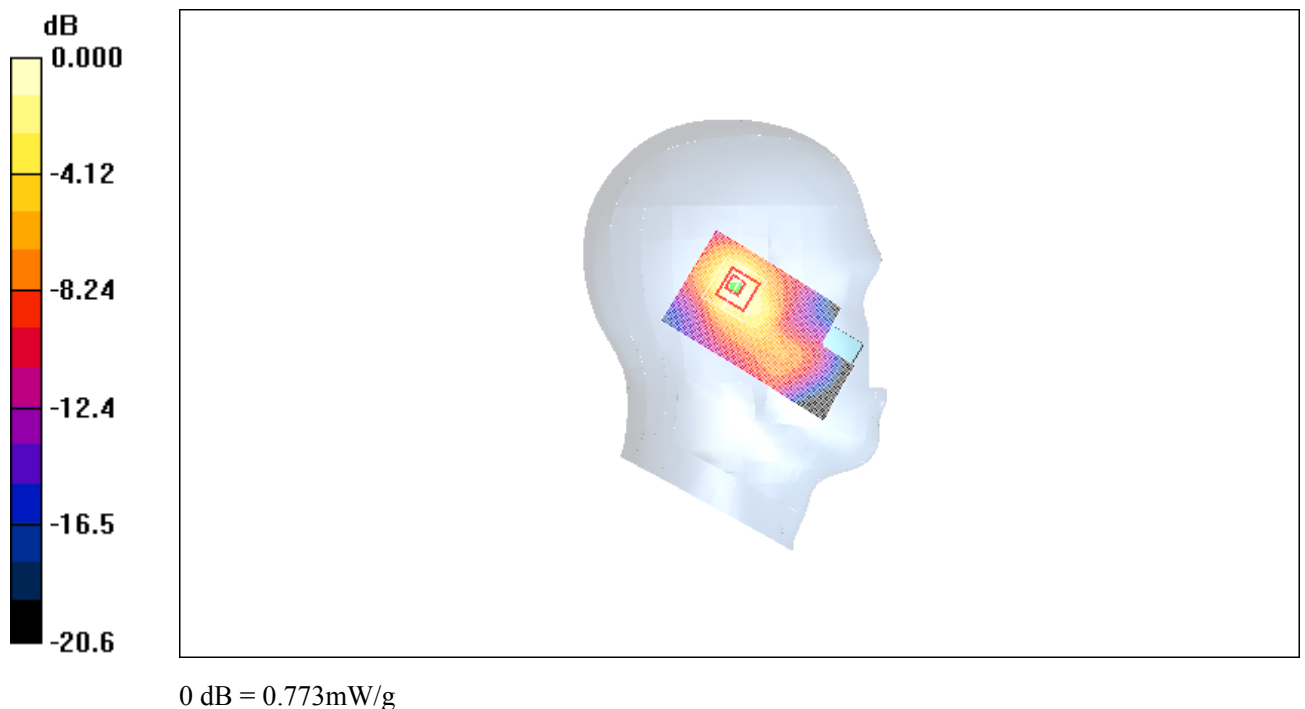


Fig. 39 Left Hand Touch Cheek WCDMA 1900MHz CH9538

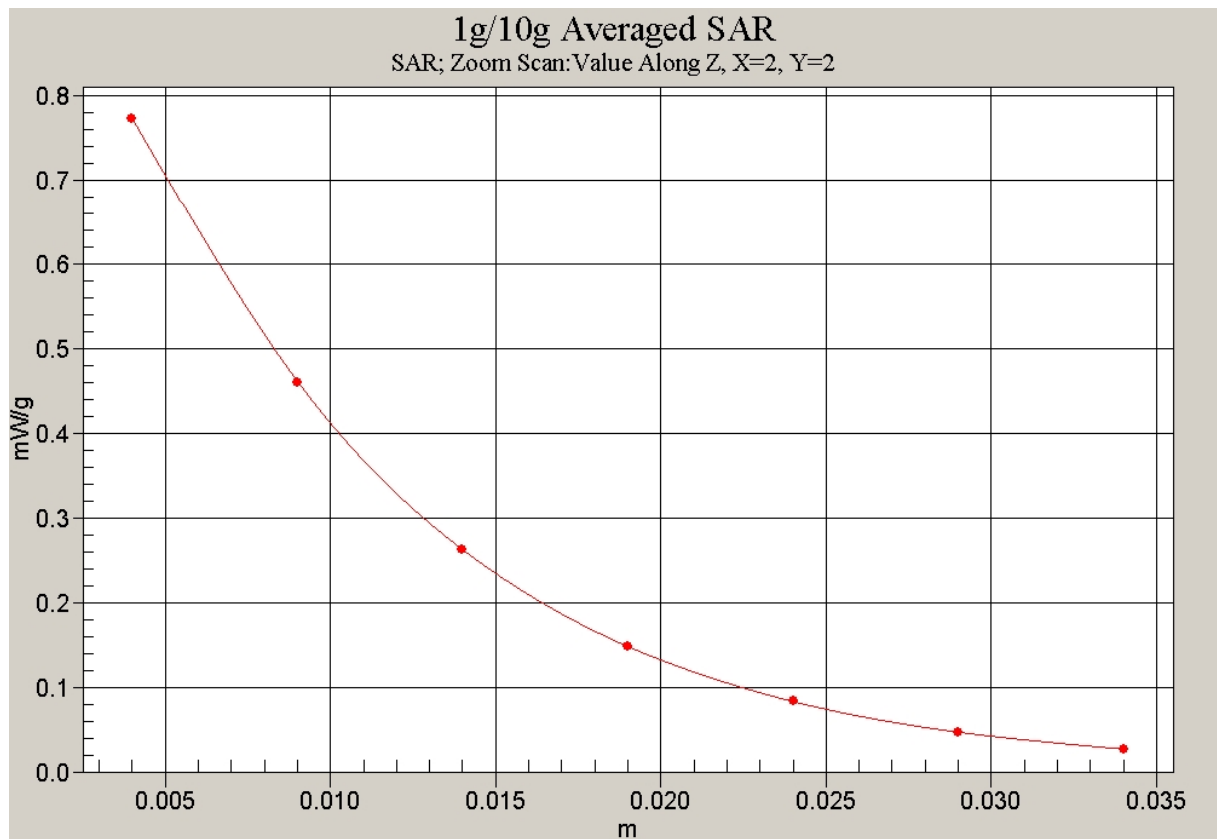


Fig. 40 Z-Scan at power reference point (WCDMA 1900MHz CH9538)

WCDMA 1900 Left Cheek Middle

Date/Time: 2008-12-11 14:21:03

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.853 mW/g

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

Reference Value = 18.0 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.824 mW/g

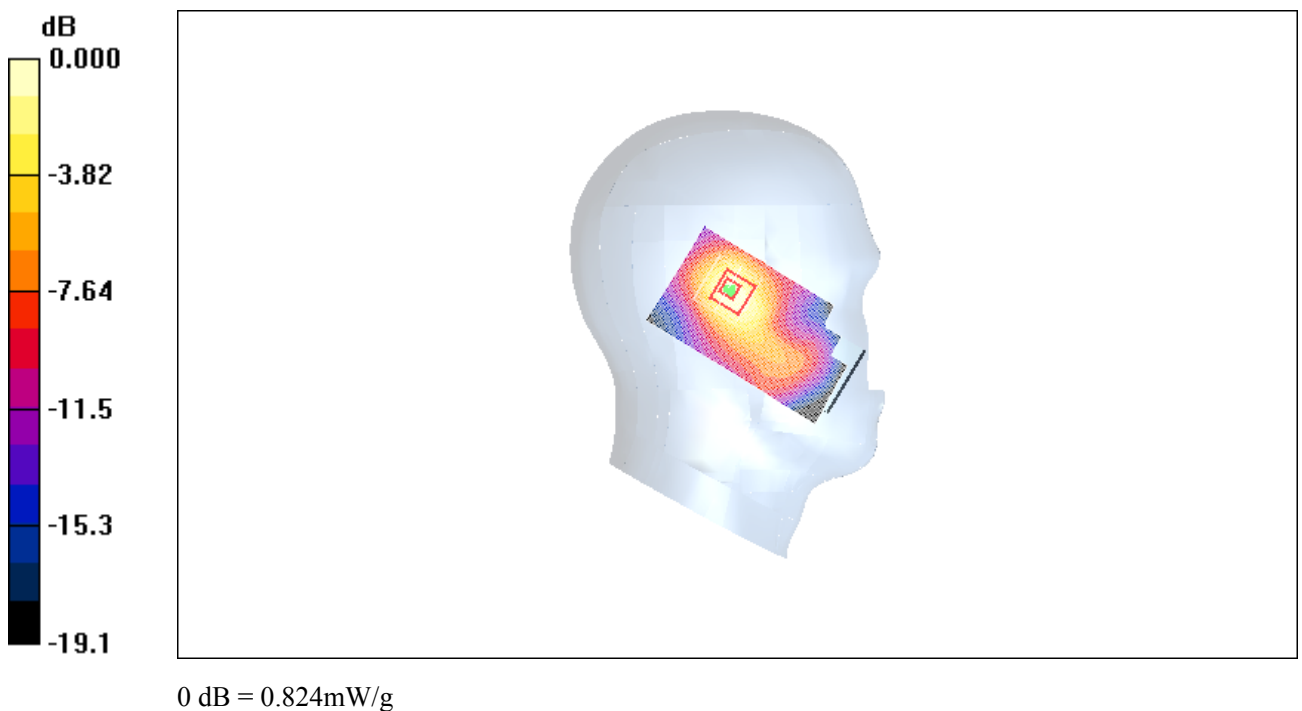


Fig. 41 Left Hand Touch Cheek WCDMA 1900MHz CH9400

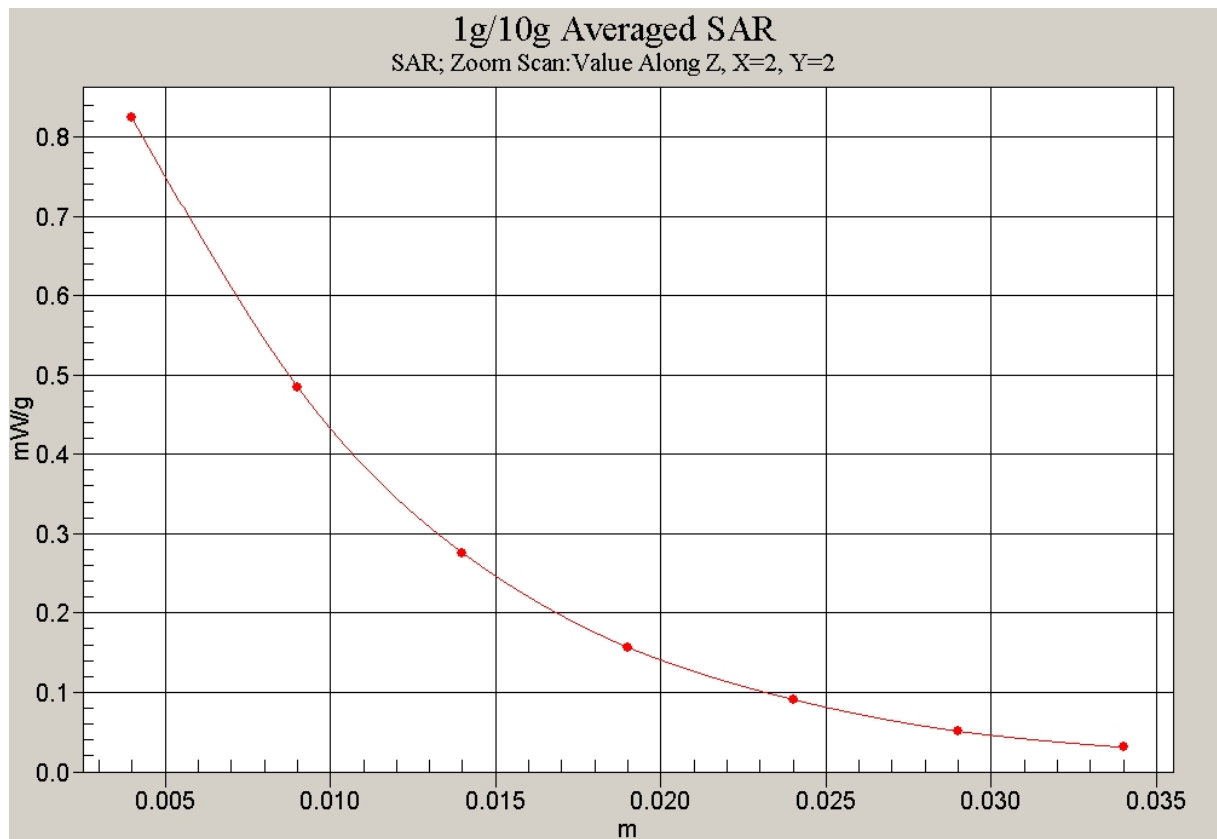


Fig. 42 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

WCDMA 1900 Left Cheek Low

Date/Time: 2008-12-11 14:35:01

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.730 mW/g

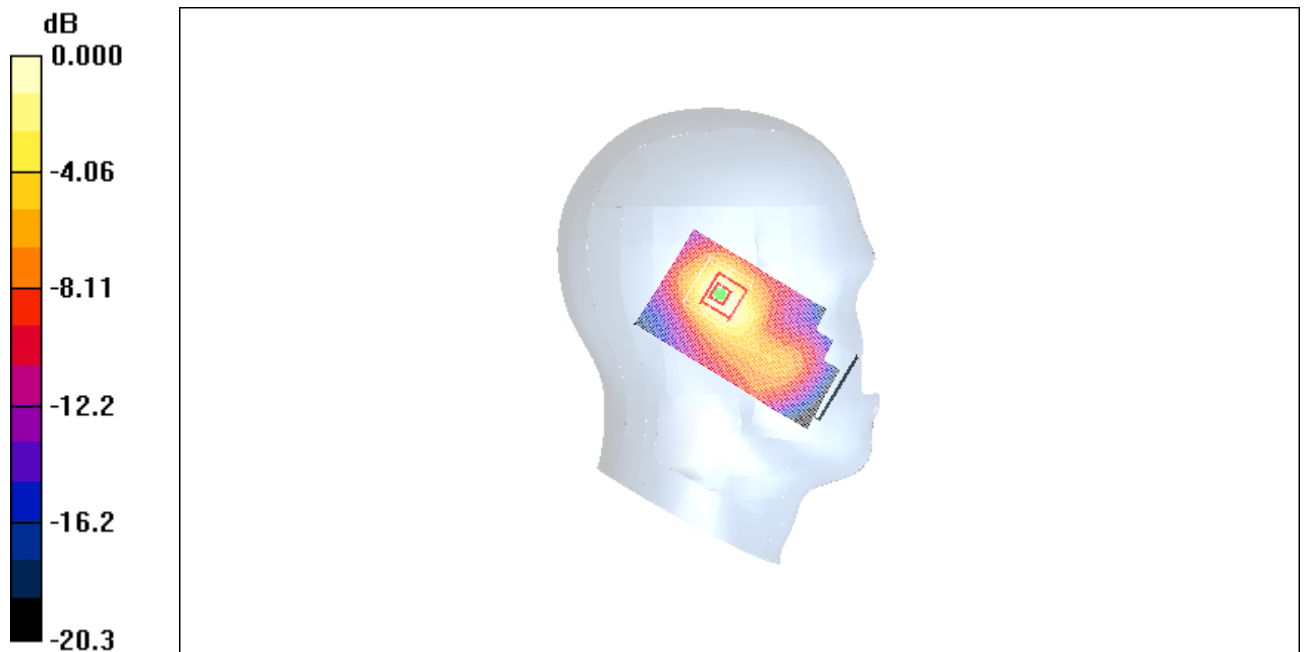
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.7 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.703 mW/g



0 dB = 0.703mW/g

Fig. 43 Left Hand Touch Cheek WCDMA 1900MHz CH9262

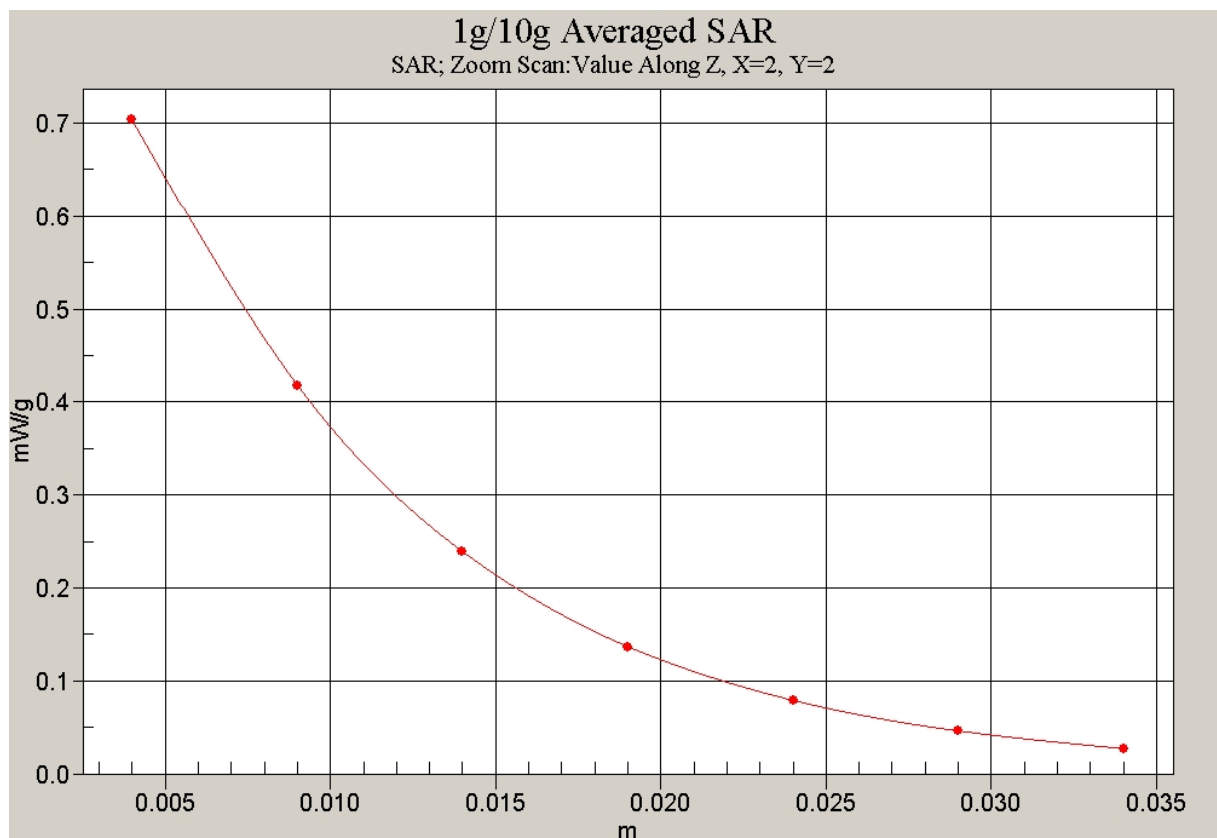


Fig. 44 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

WCDMA 1900 Left Tilt High

Date/Time: 2008-12-11 15:20:10

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.912 mW/g

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

Reference Value = 22.3 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.942 mW/g

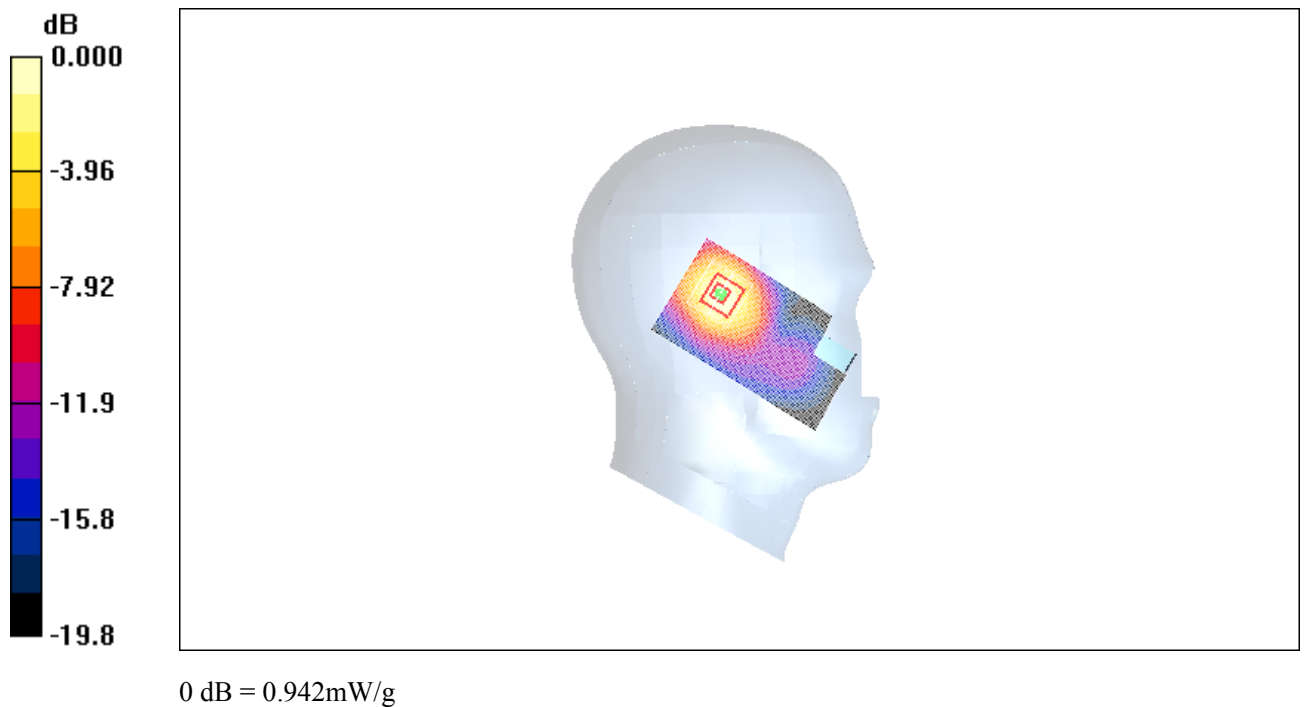


Fig. 45 Left Hand Tilt 15° WCDMA 1900MHz CH9538

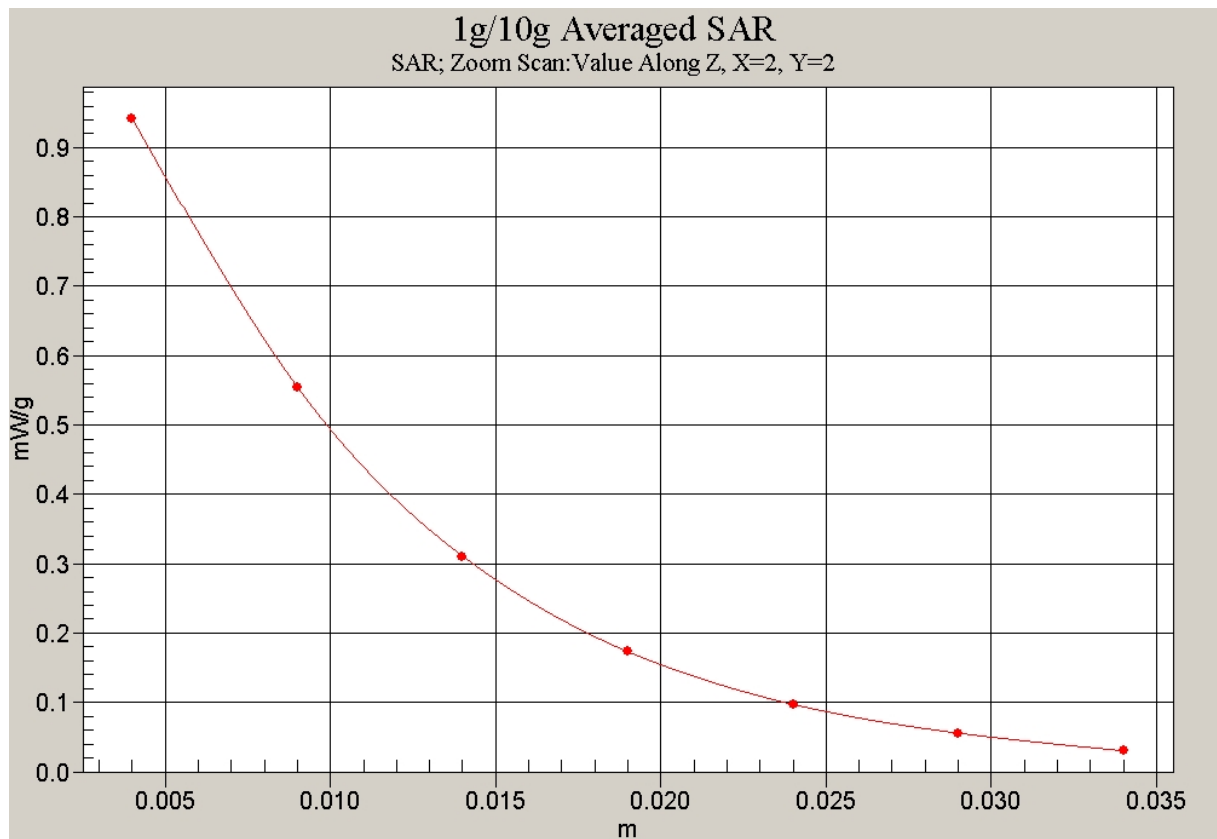


Fig. 46 Z-Scan at power reference point (WCDMA 1900MHz CH9538)

WCDMA 1900 Left Tilt Middle

Date/Time: 2008-12-11 15:04:26

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.924 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 = 0.079 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 0.936 mW/g

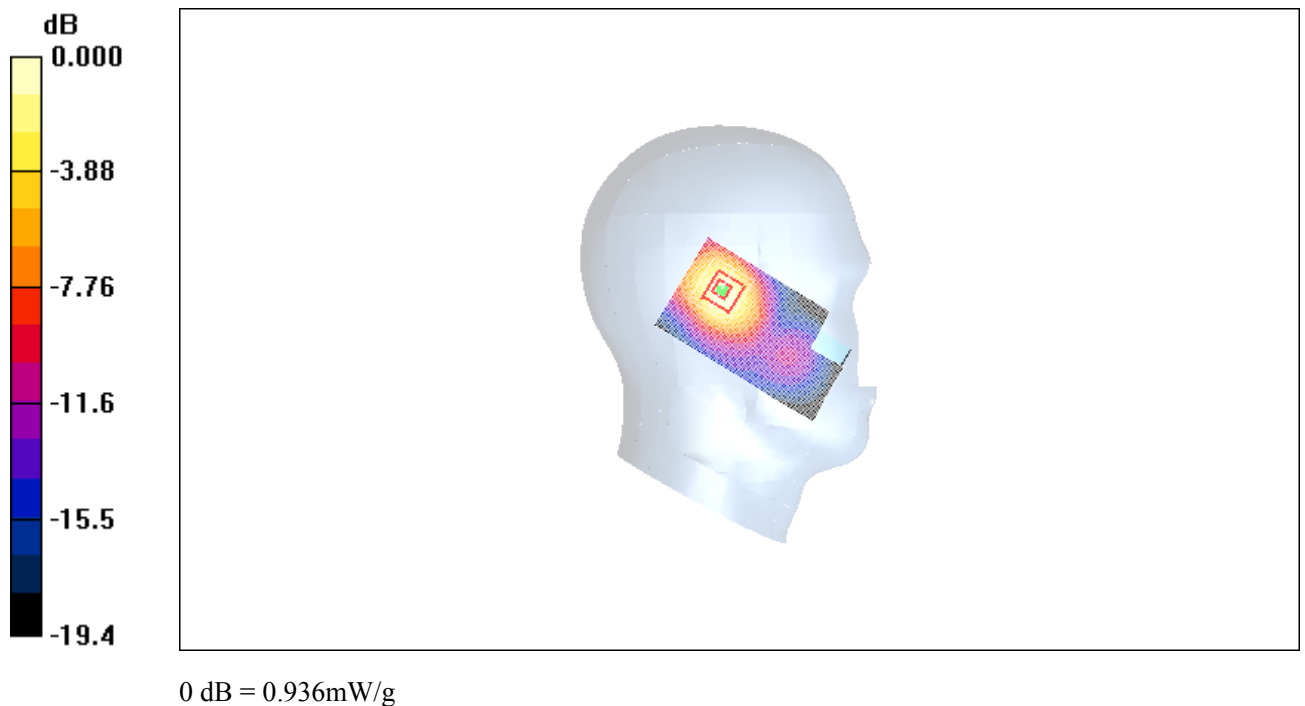


Fig. 47 Left Hand Tilt 15°WCDMA 1900MHz CH9400

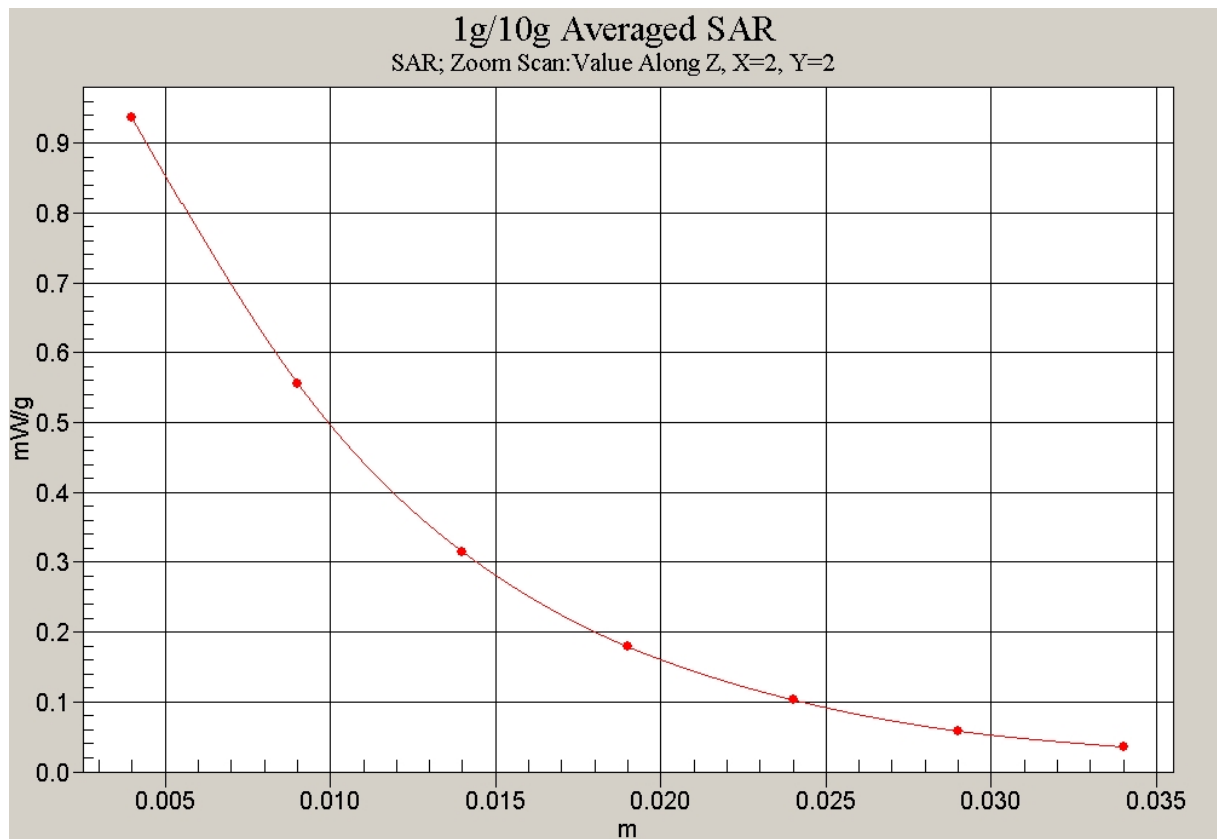


Fig. 48 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

WCDMA 1900 Left Tilt Low

Date/Time: 2008-12-11 14:51:46

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.806 mW/g

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

Reference Value = 20.1 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.380 mW/g

Maximum value of SAR (measured) = 0.758 mW/g

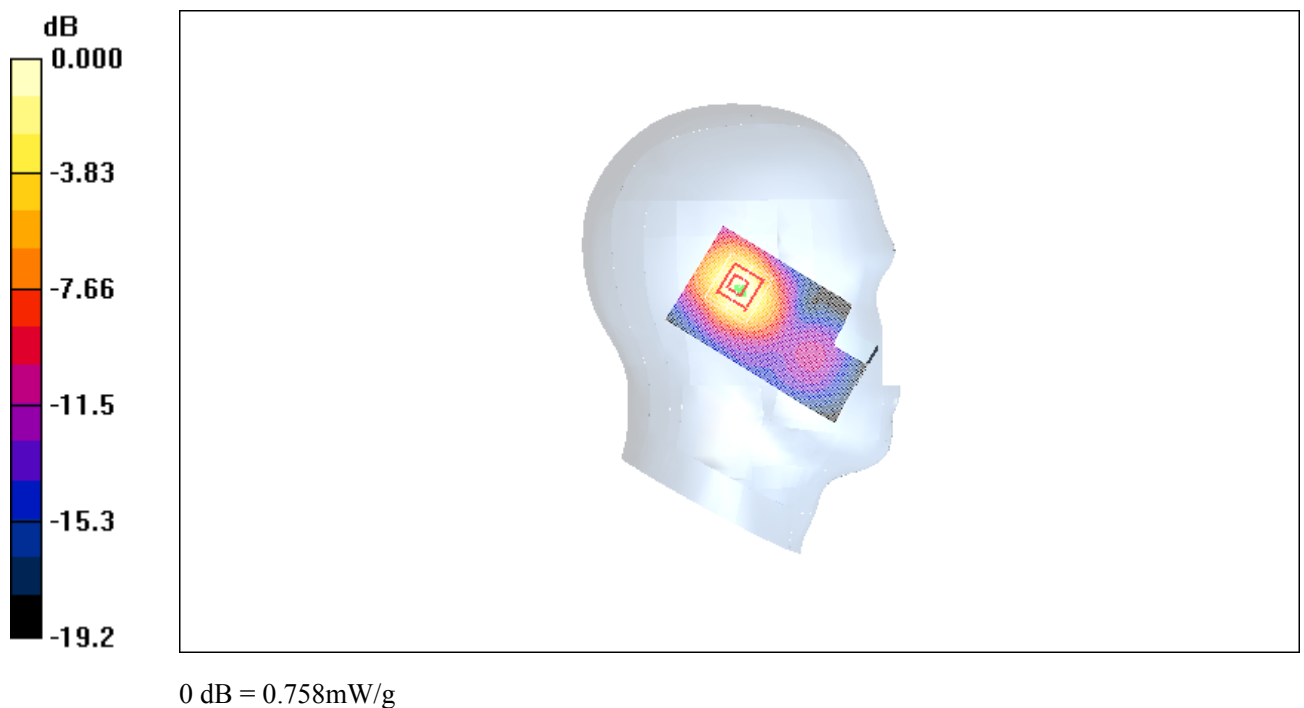


Fig. 49 Left Hand Tilt 15° WCDMA 1900MHz CH9262

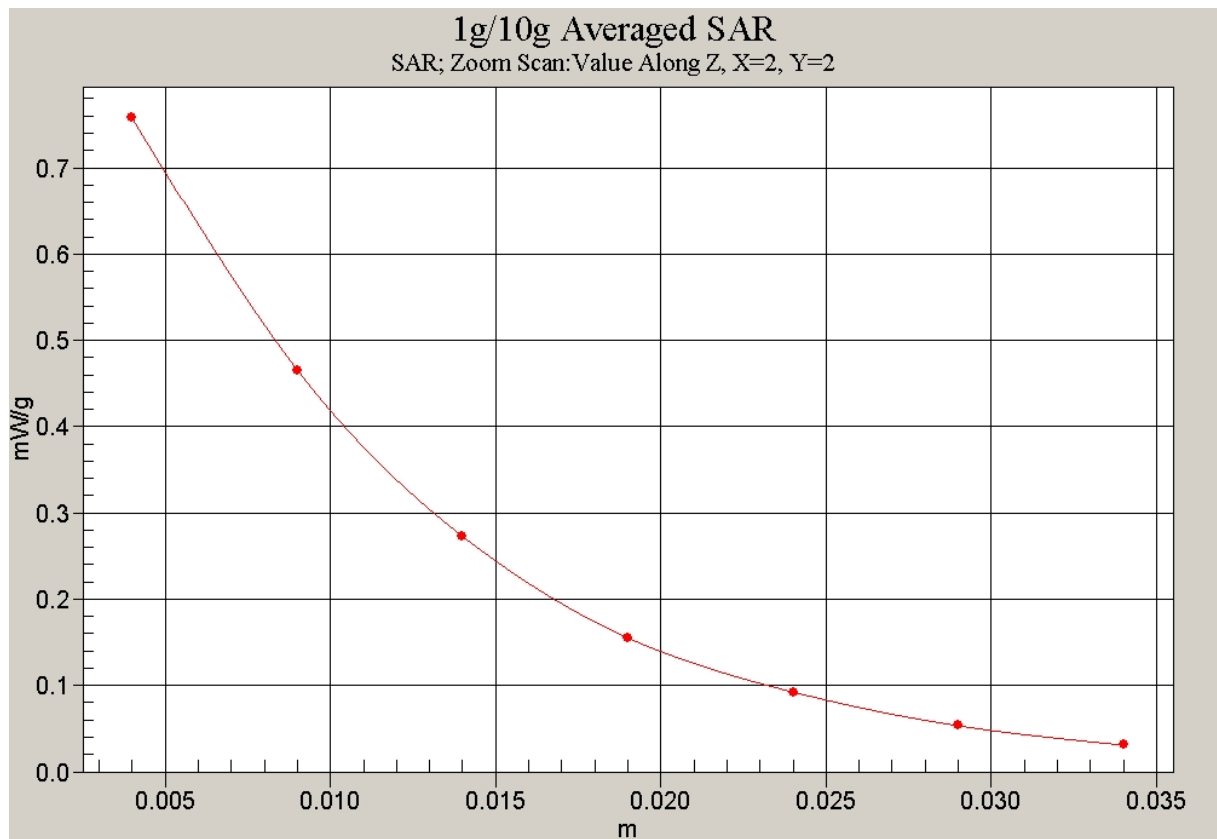


Fig. 50Z-Scan at power reference point (WCDMA 1900MHz CH9262)

WCDMA 1900 Right Cheek High

Date/Time: 2008-12-11 15:32:58

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.610 mW/g

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

Reference Value = 19.6 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.920 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.595 mW/g

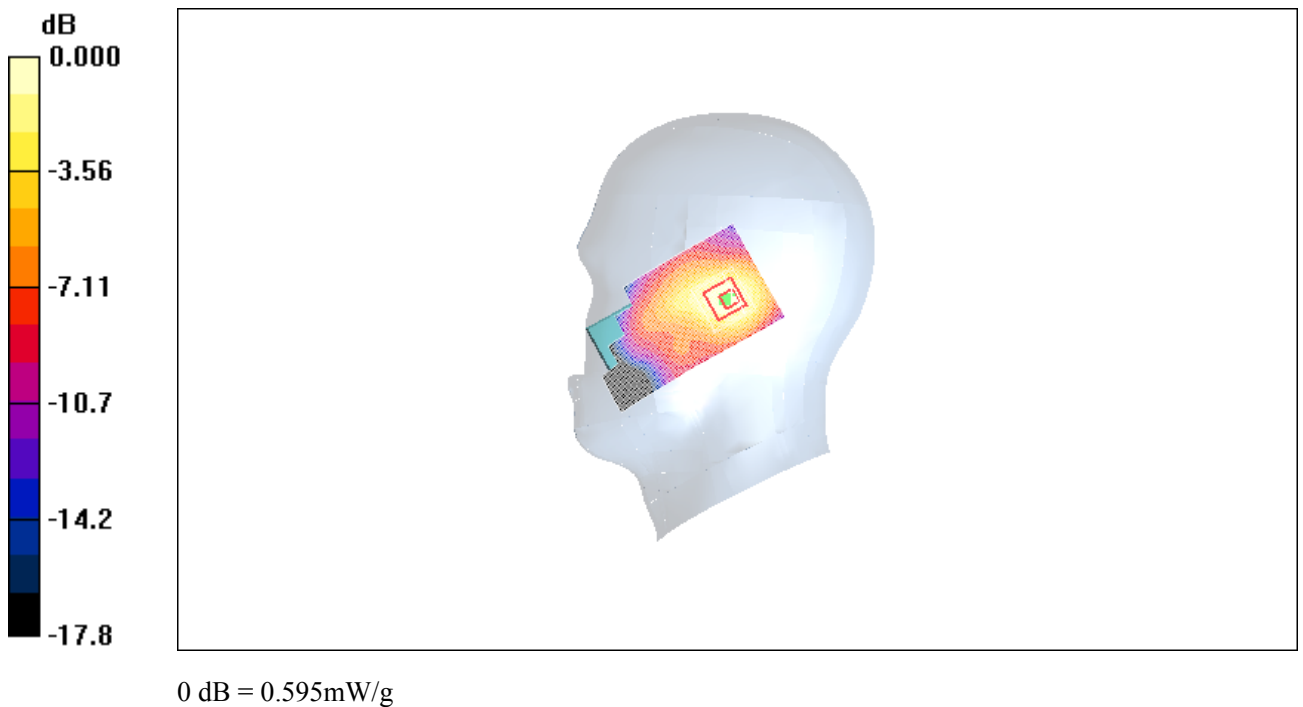


Fig. 51 Right Hand Touch Cheek WCDMA 1900MHz CH9538

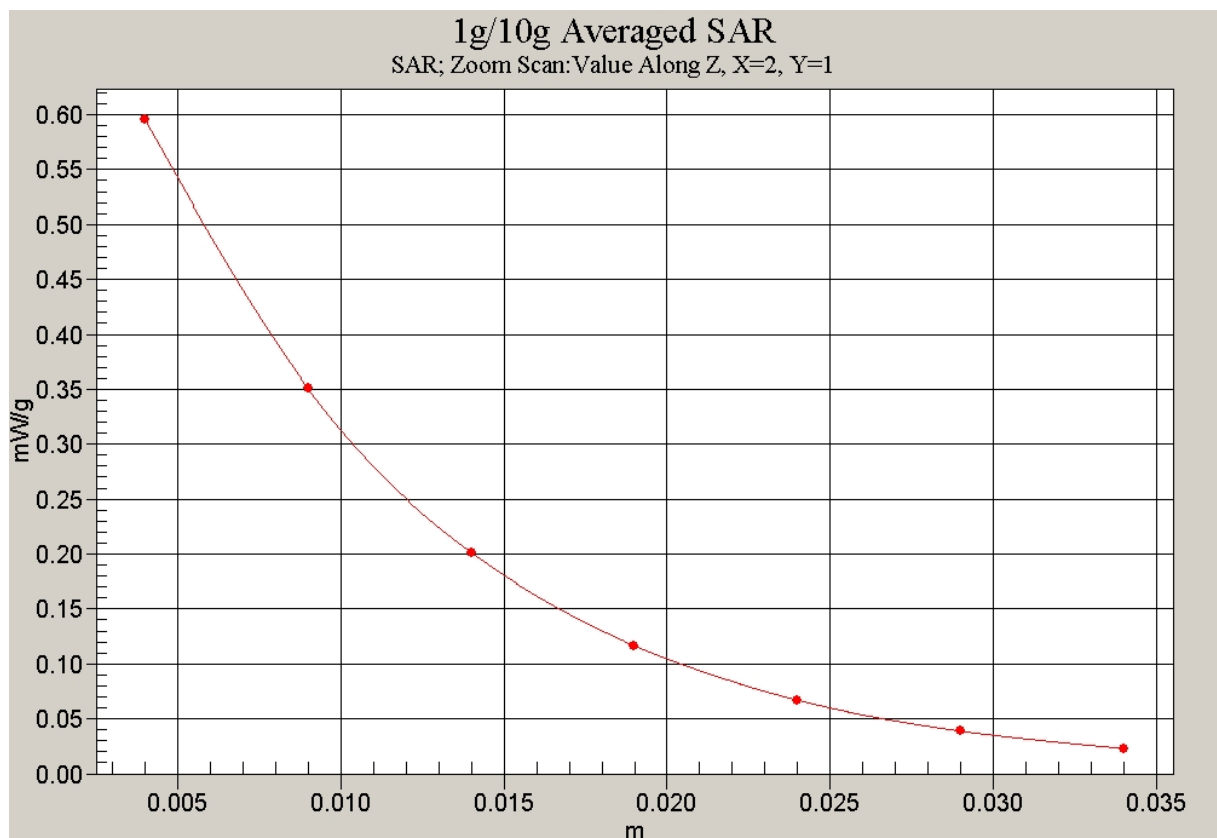


Fig. 52 Z-Scan at power reference point (WCDMA 1900MHz CH9538)

WCDMA 1900 Right Cheek Middle

Date/Time: 2008-12-11 15:46:49

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.662 mW/g

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

Reference Value = 20.3 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.671 mW/g

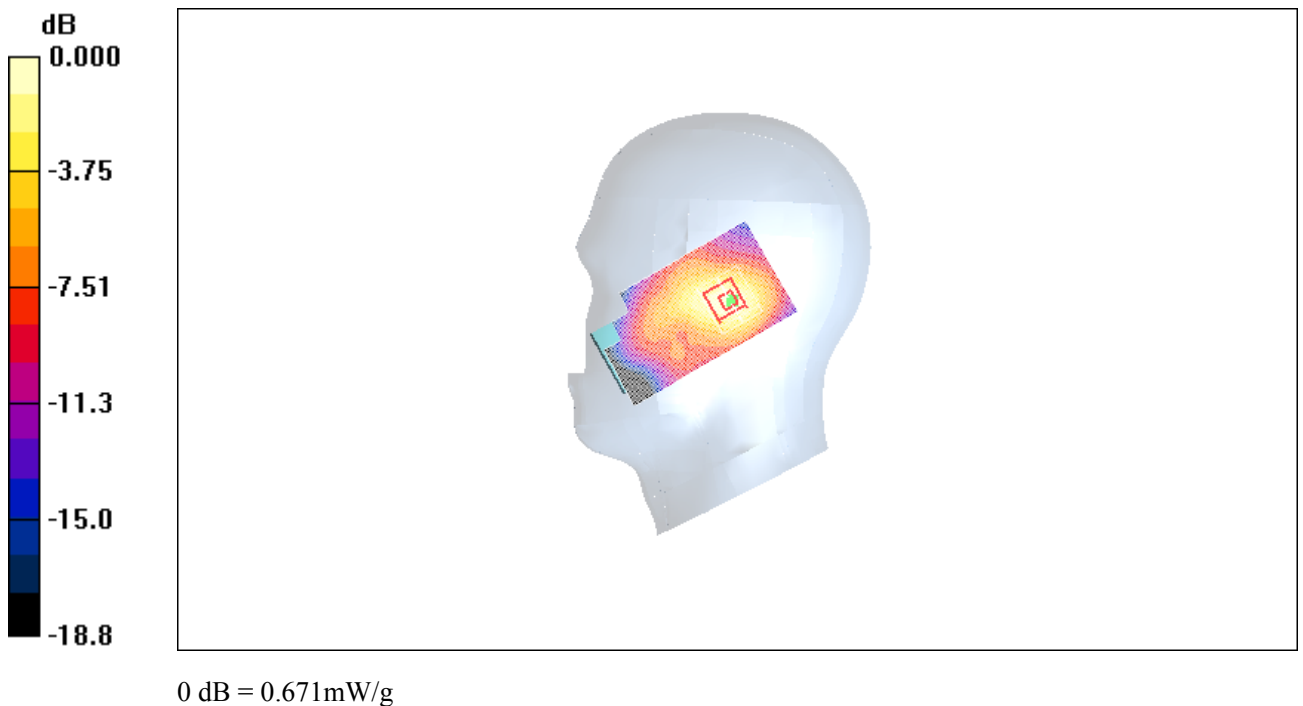


Fig.53 Right Hand Touch Cheek WCDMA 1900MHz CH9400

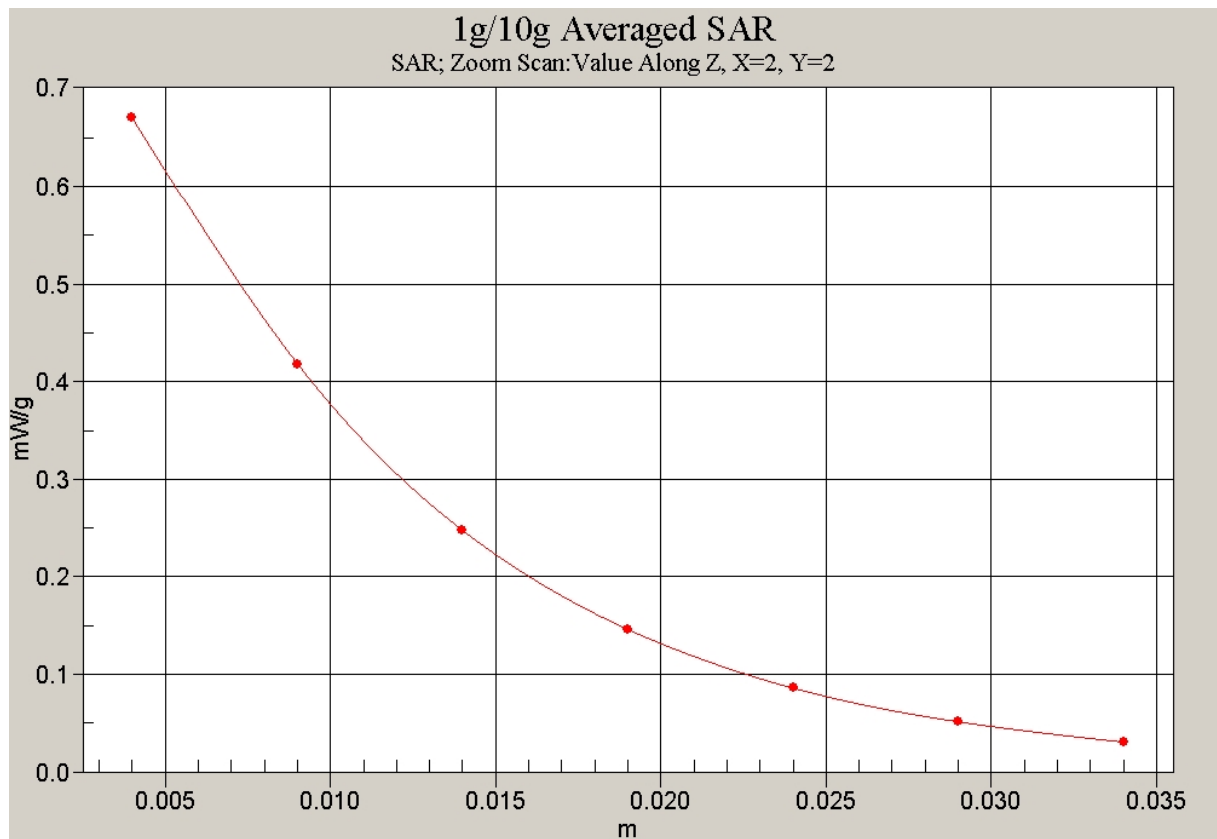


Fig. 54 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

WCDMA 1900 Right Cheek Low

Date/Time: 2008-12-11 16:01:46

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.573 mW/g

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

Reference Value = 18.8 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.566 mW/g

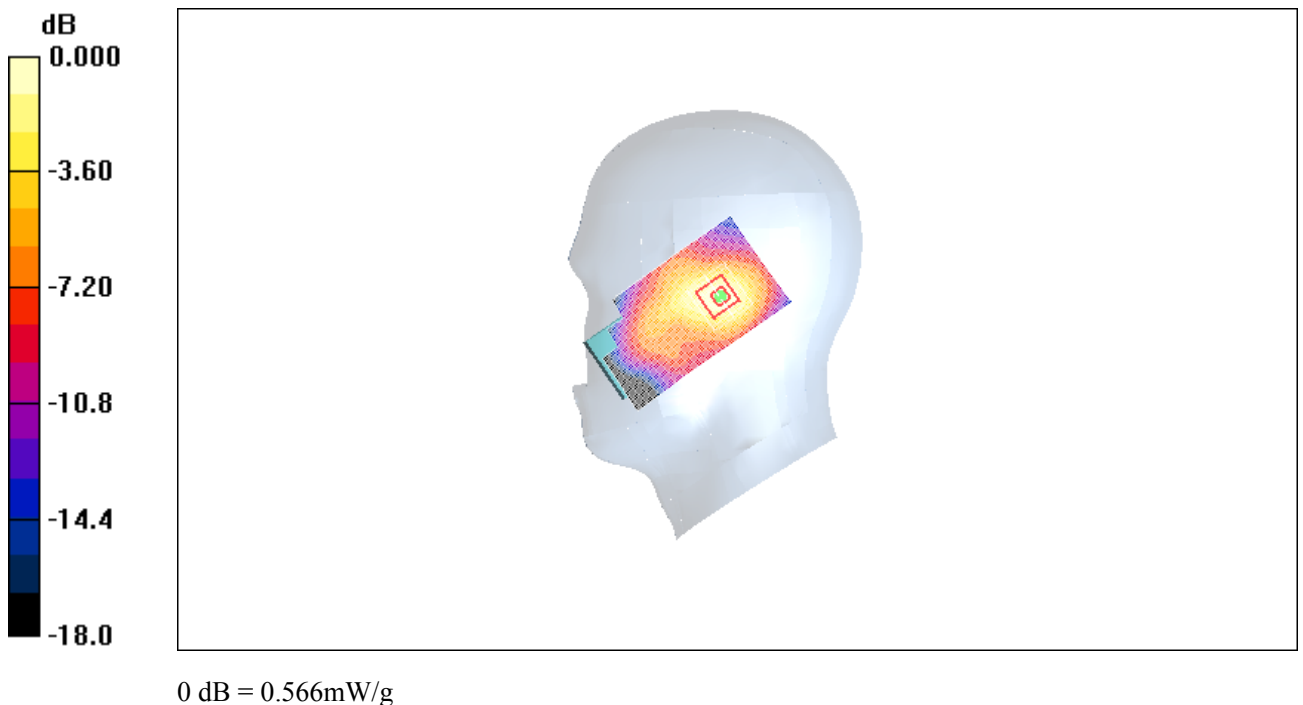


Fig. 55 Right Hand Touch Cheek WCDMA 1900MHz CH9262

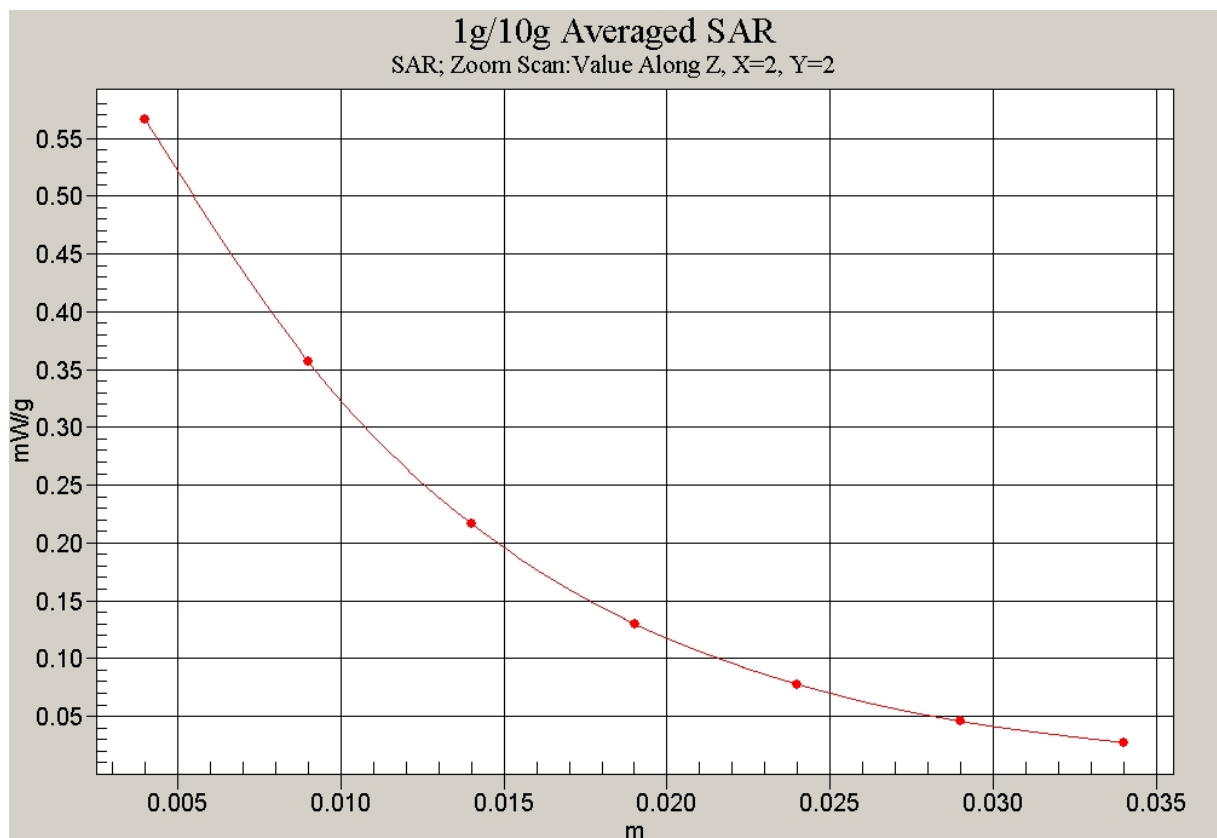


Fig. 56 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

WCDMA 1900 Right Tilt High

Date/Time: 2008-12-11 16:49:26

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.779 mW/g

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

Reference Value = 23.1 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.376 mW/g

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

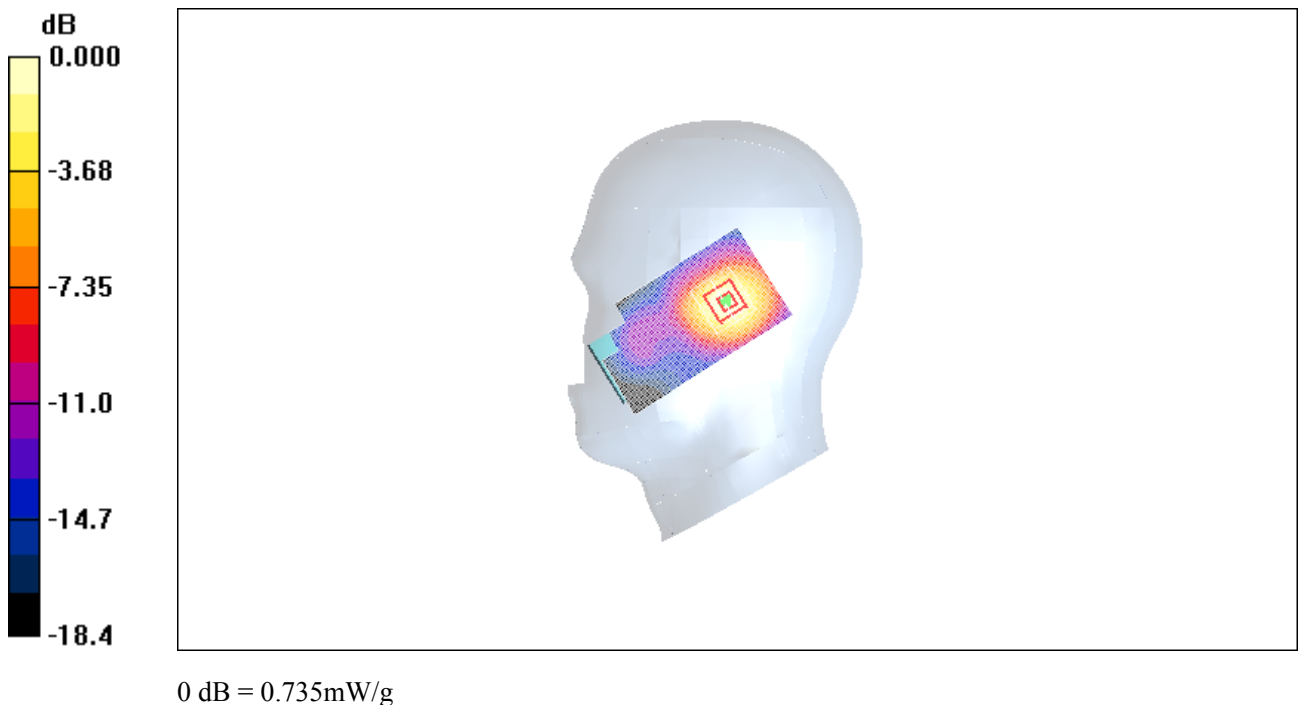


Fig. 57 Right Hand Tilt 15°WCDMA 1900MHz CH9538

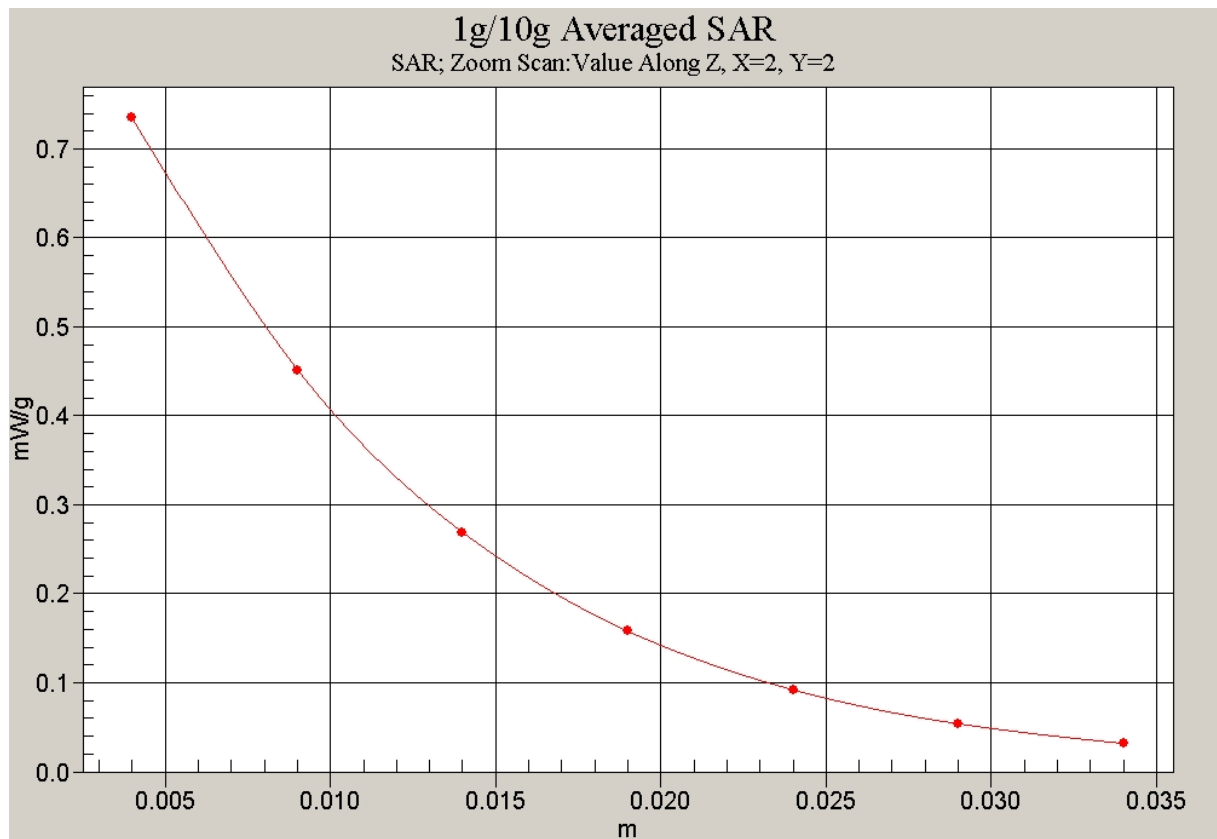


Fig. 58 Z-Scan at power reference point (WCDMA 1900MHz CH9538)

WCDMA 1900 Right Tilt Middle

Date/Time: 2008-12-11 16:33:20

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.828 mW/g

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

Reference Value = 23.8 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.798 mW/g

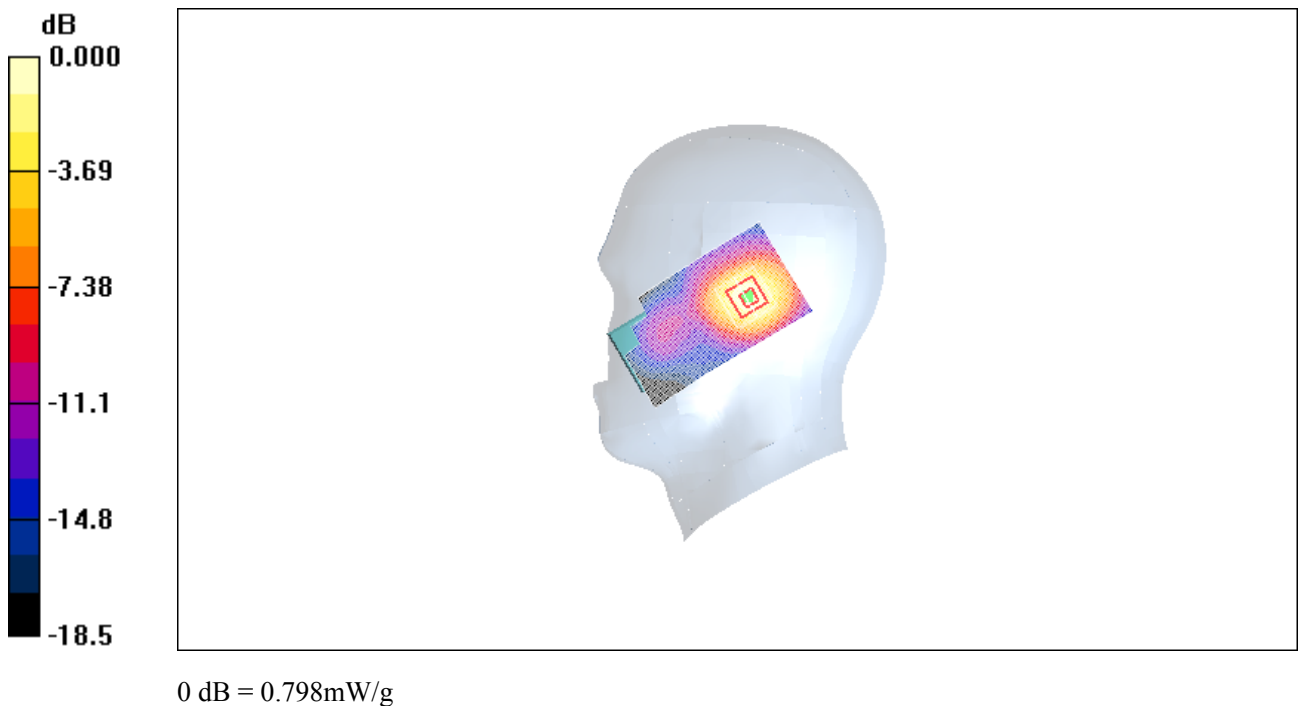


Fig. 59 Right Hand Tilt 15°WCDMA 1900MHz CH9400

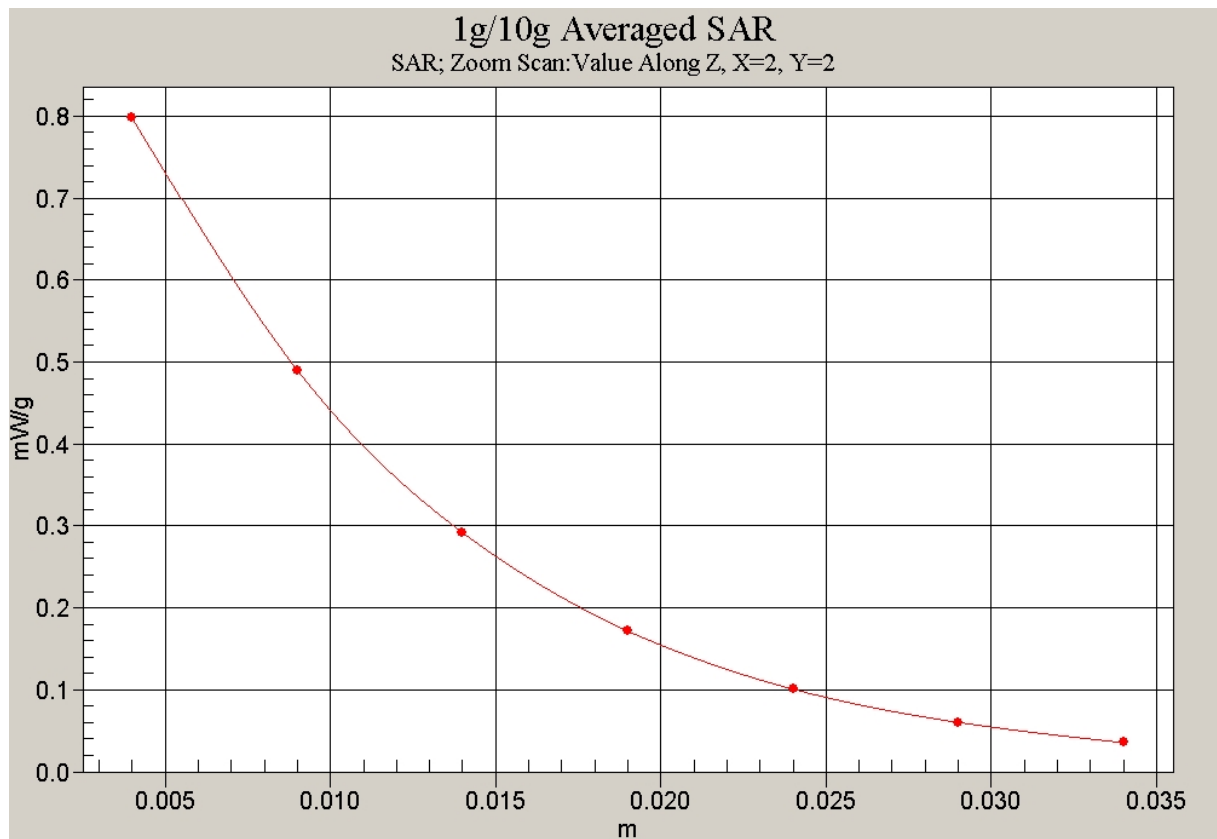


Fig. 60 Z-Scan at power reference point (WCDMA 1900MHz CH9400)

WCDMA 1900 Right Tilt Low

Date/Time: 2008-12-11 16:17:54

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.732 mW/g

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

Reference Value = 22.7 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.362 mW/g

Maximum value of SAR (measured) = 0.703 mW/g

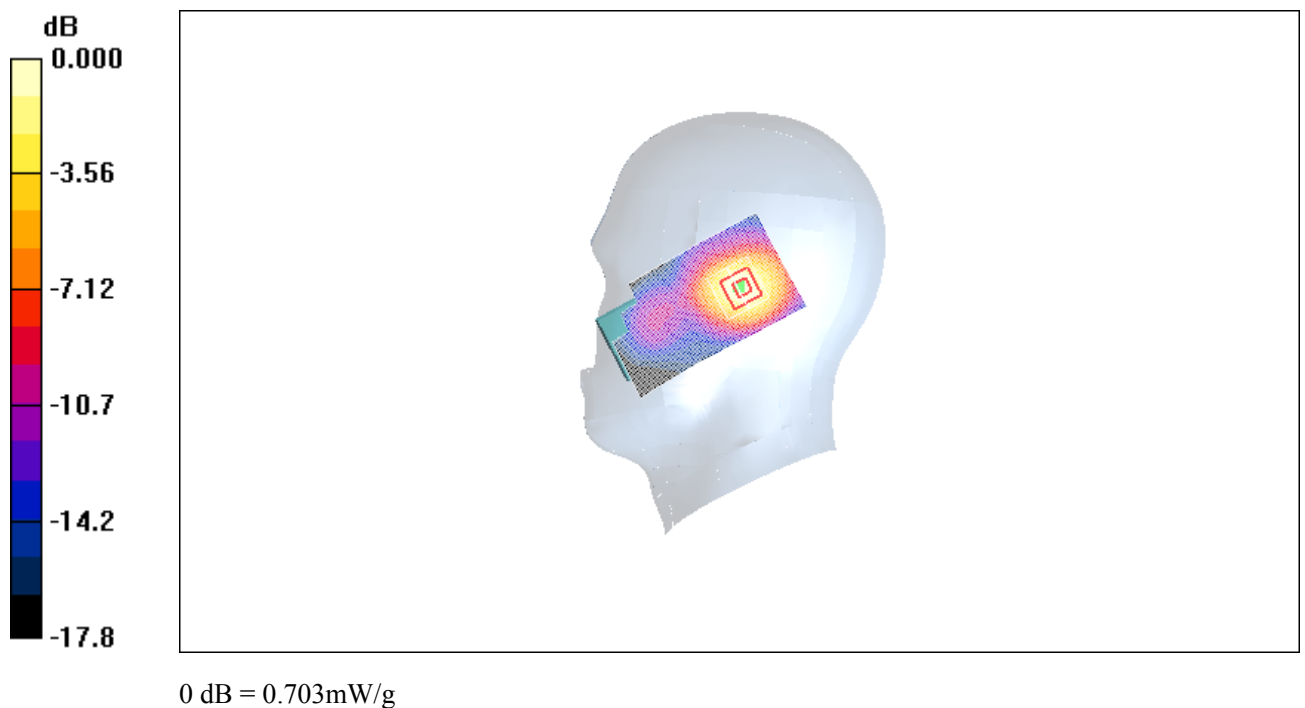


Fig. 61 Right Hand Tilt 15°WCDMA 1900MHz CH9262

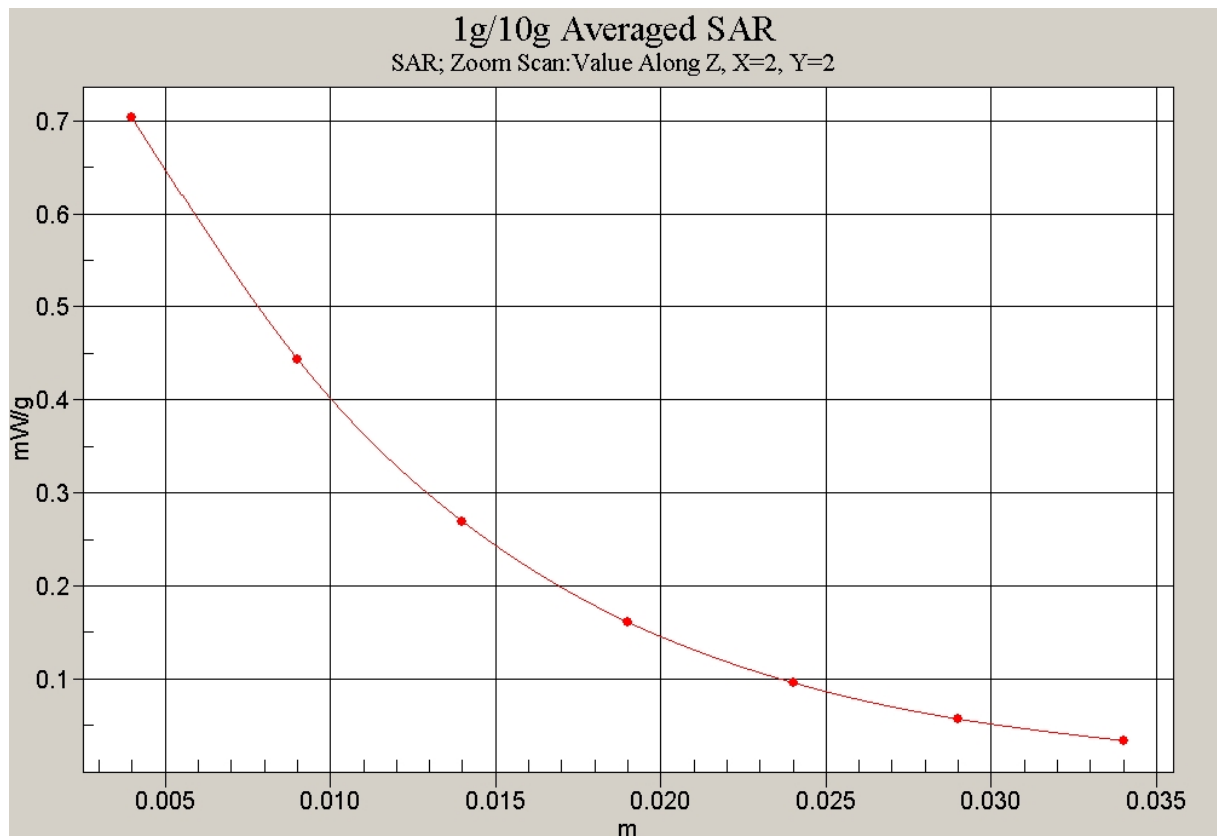


Fig. 62 Z-Scan at power reference point (WCDMA 1900MHz CH9262)

WCDMA 1900 Body Toward Ground High

Date/Time: 2008-12-11 7:39:43

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 Ground High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.528 mW/g

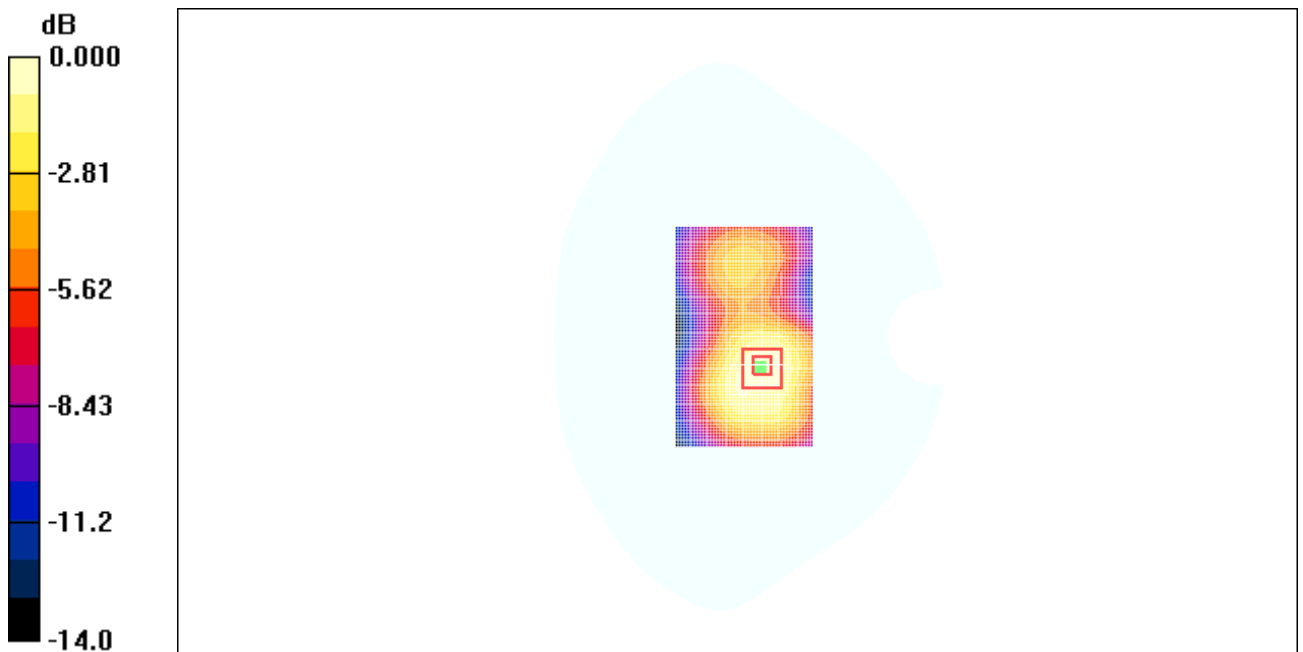
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.763 W/kg

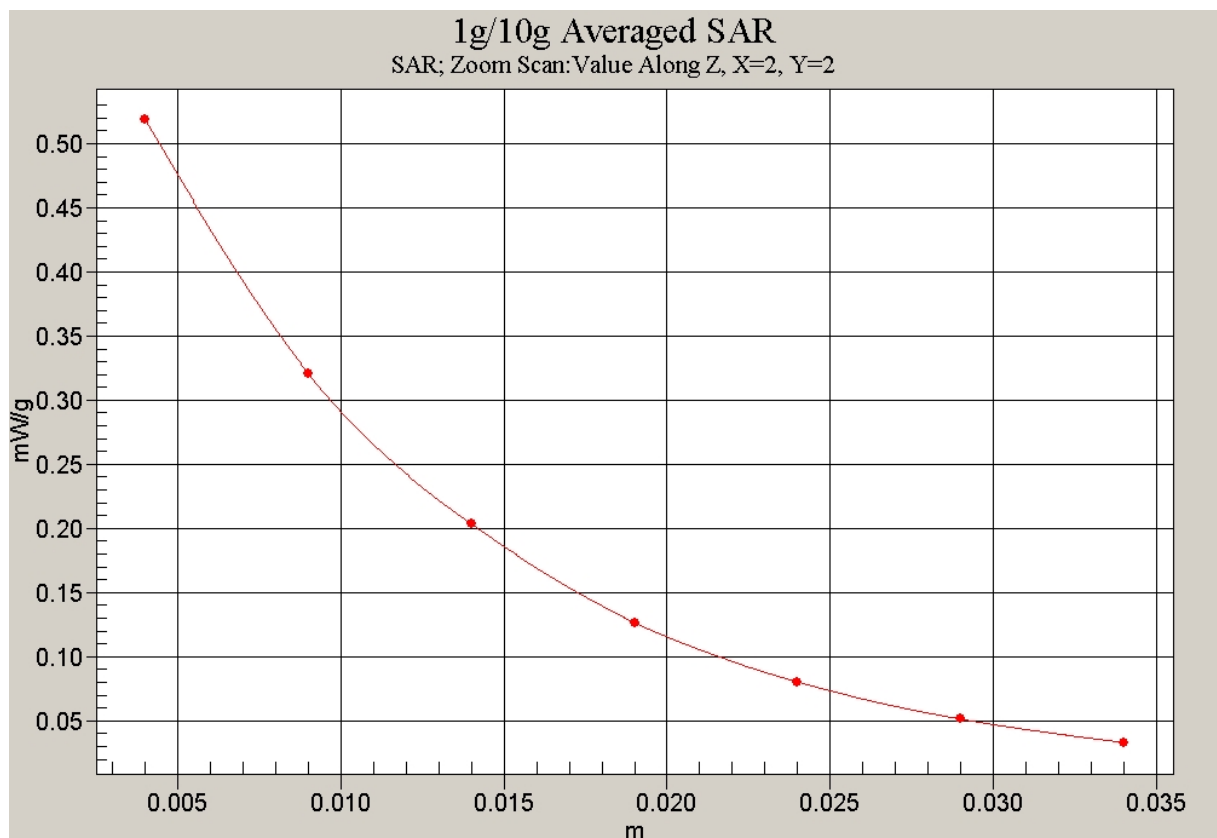
SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.290 mW/g

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



0 dB = 0.519mW/g

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



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

WCDMA 1900 Body Toward Ground Middle

Date/Time: 2008-12-11 7:51:40

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.573 mW/g

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

Reference Value = 14.8 V/m; Power Drift = -0.179 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.548 mW/g

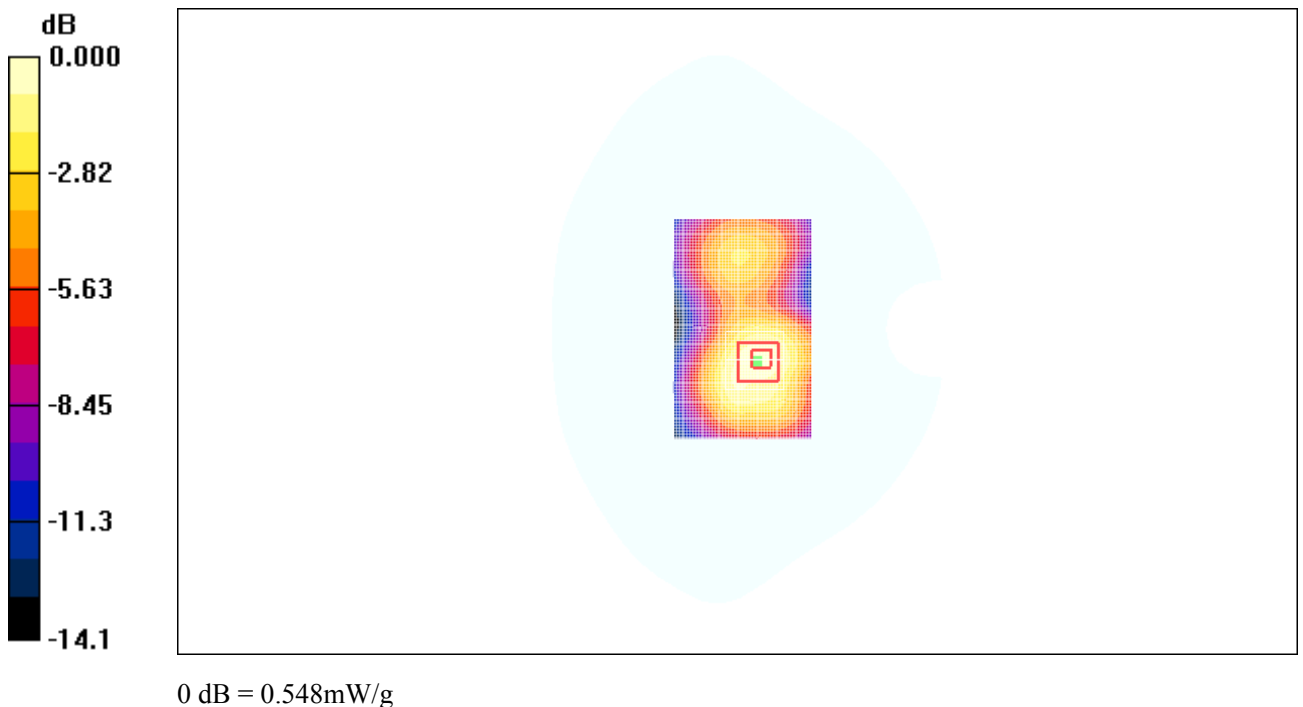
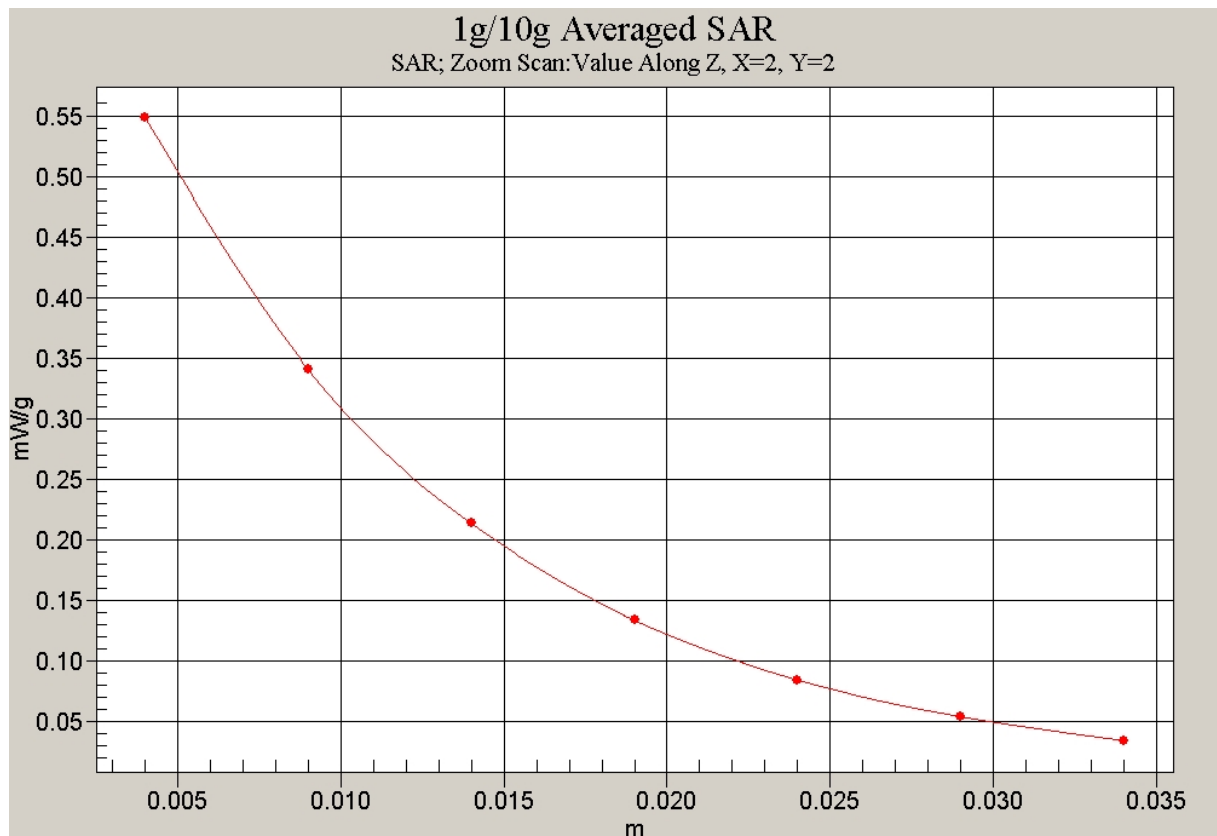


Fig. 65 WCDMA 1900MHz, Body, Towards Ground, CH9400



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

WCDMA 1900 Body Toward Ground Low

Date/Time: 2008-12-11 8:03:44

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.568 mW/g

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

Reference Value = 14.0 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.563 mW/g

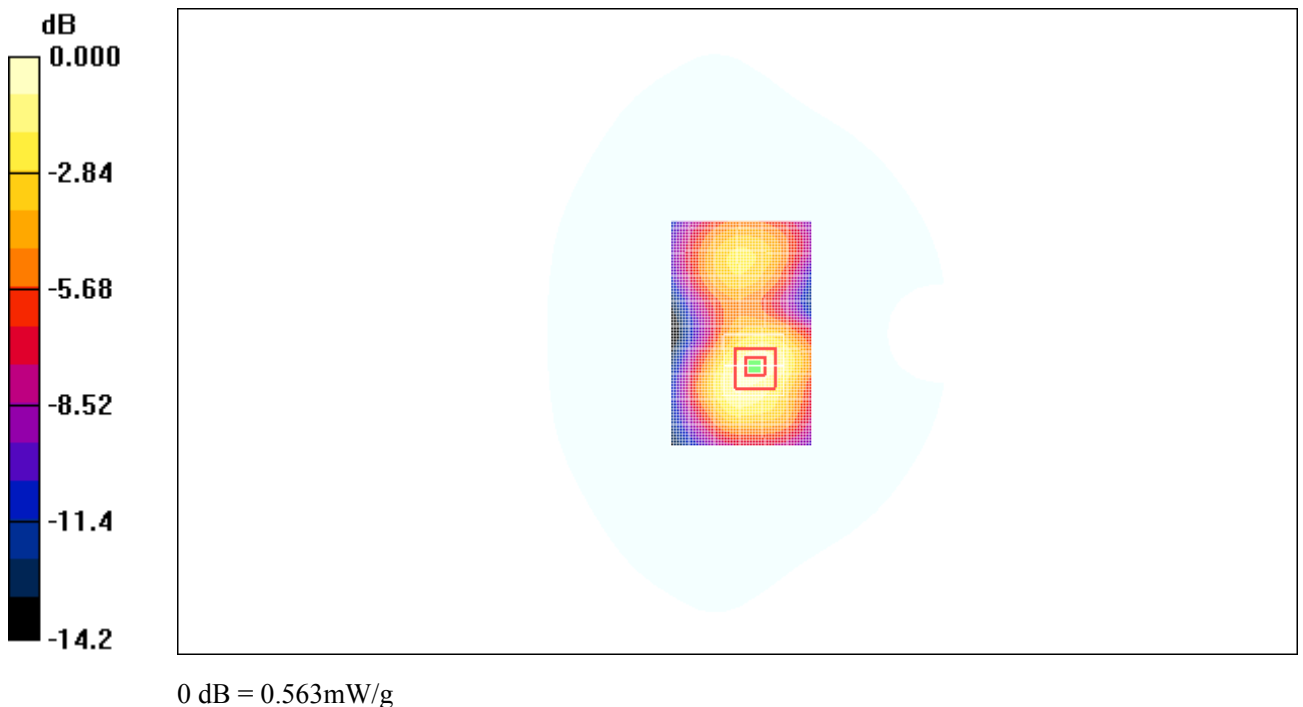
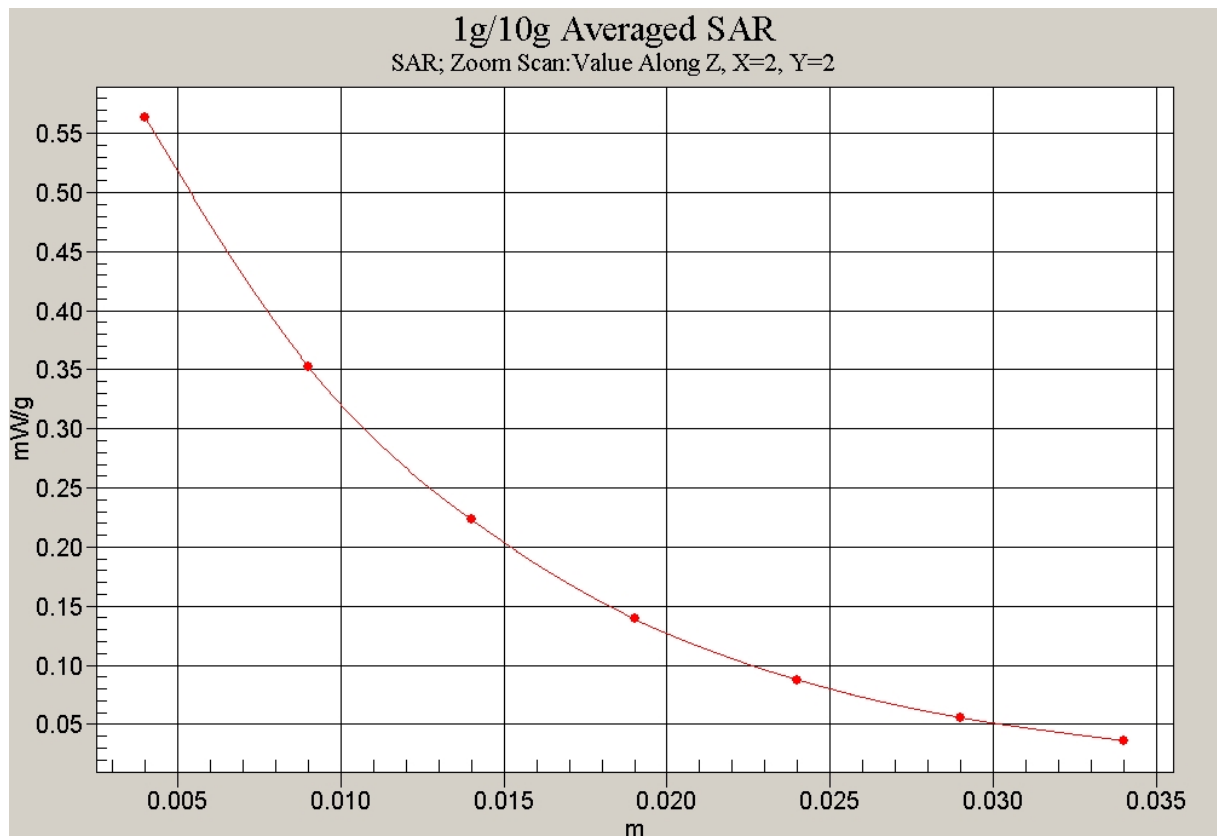


Fig. 67 WCDMA 1900MHz, Body, Towards Ground, CH9262



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

WCDMA 1900 Body Toward Phantom High

Date/Time: 2008-12-11 8:50:45

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.261 mW/g

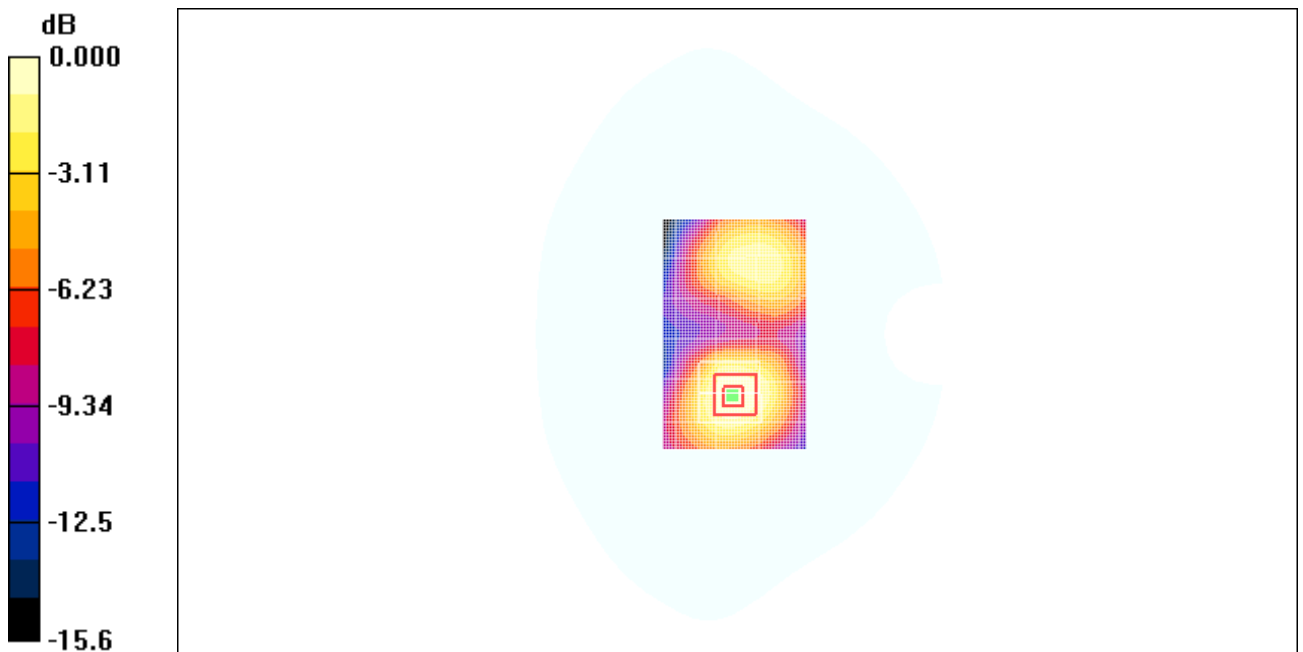
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.79 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.244mW/g

Fig. 69 WCDMA 1900MHz, Body, Towards Phantom, CH9538

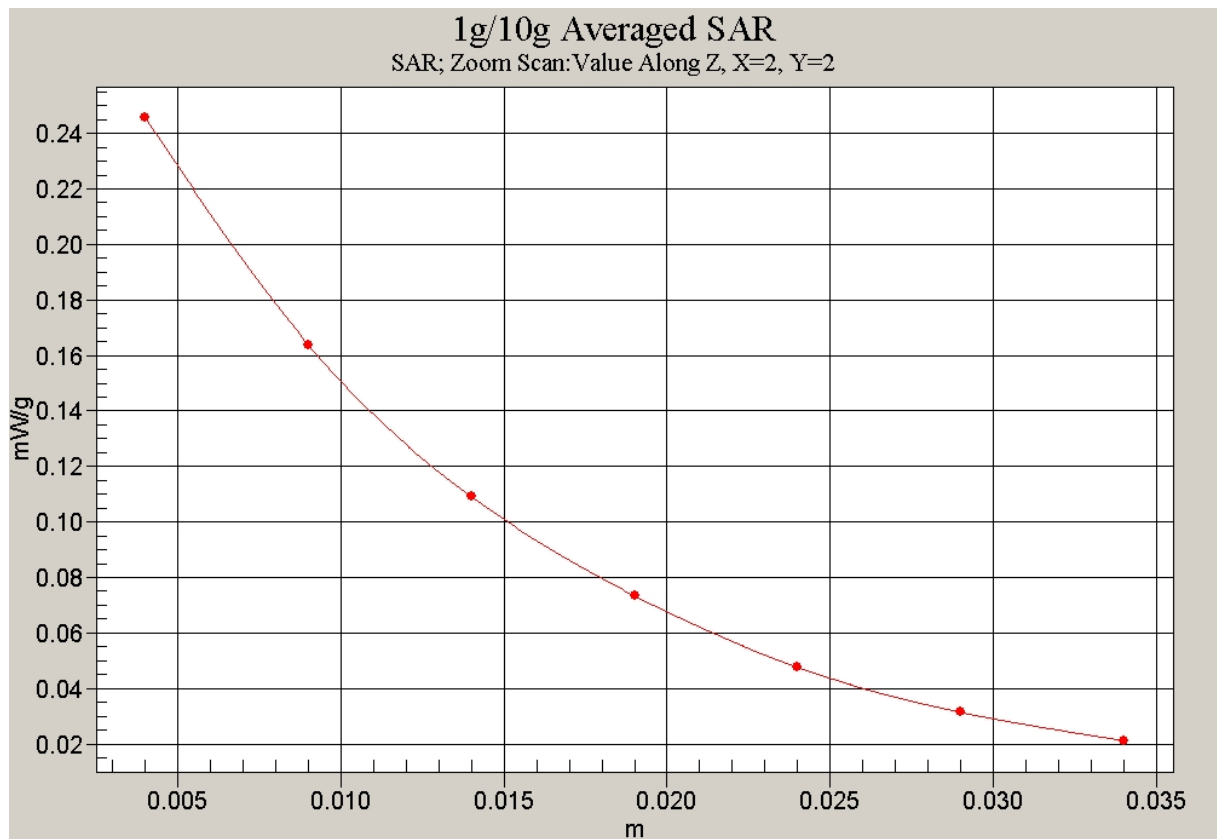


Fig. 70 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Phantom, CH9538)

WCDMA 1900 Body Toward Phantom Middle

Date/Time: 2008-12-11 8:33:32

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid 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 Phantom Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 5.07 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.265 mW/g

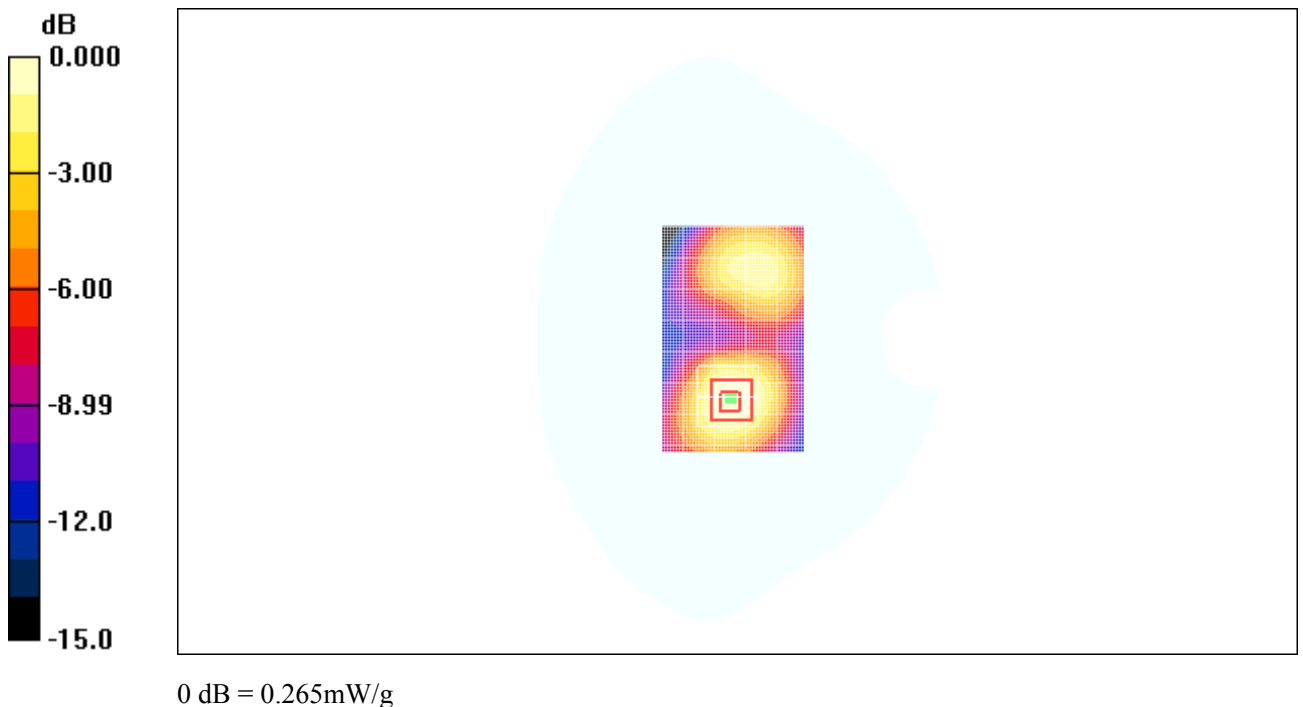
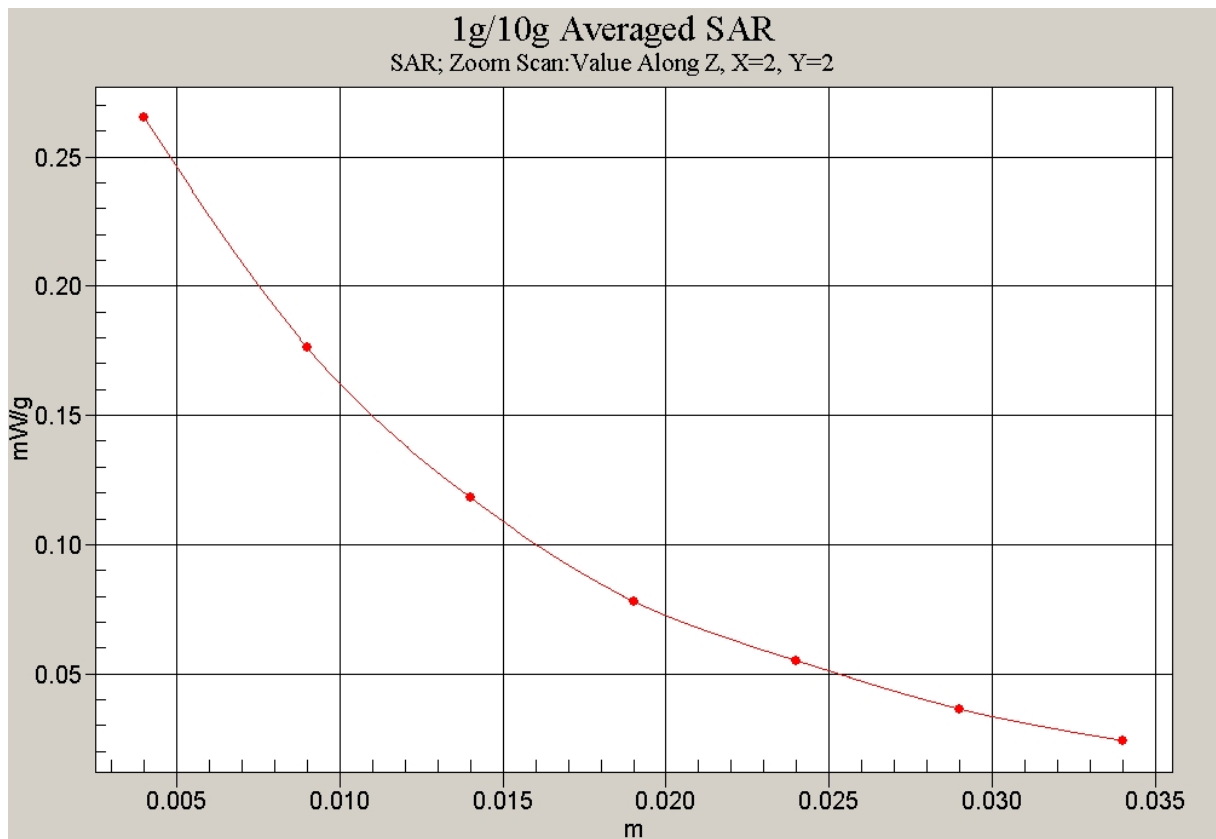


Fig. 71 WCDMA 1900MHz, Body, Towards Phantom, CH9400



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

WCDMA 1900 Body Toward Phantom Low

Date/Time: 2008-12-11 8:18:43

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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 (51x81x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.243 mW/g

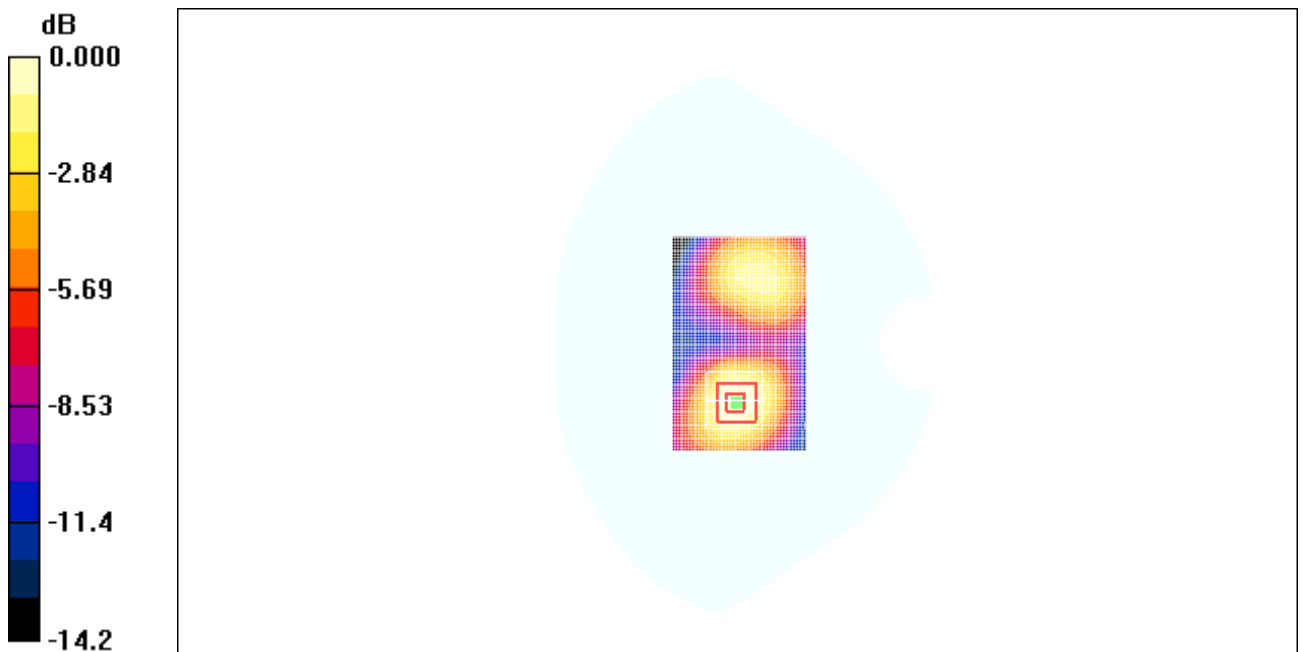
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.26 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.319 W/kg

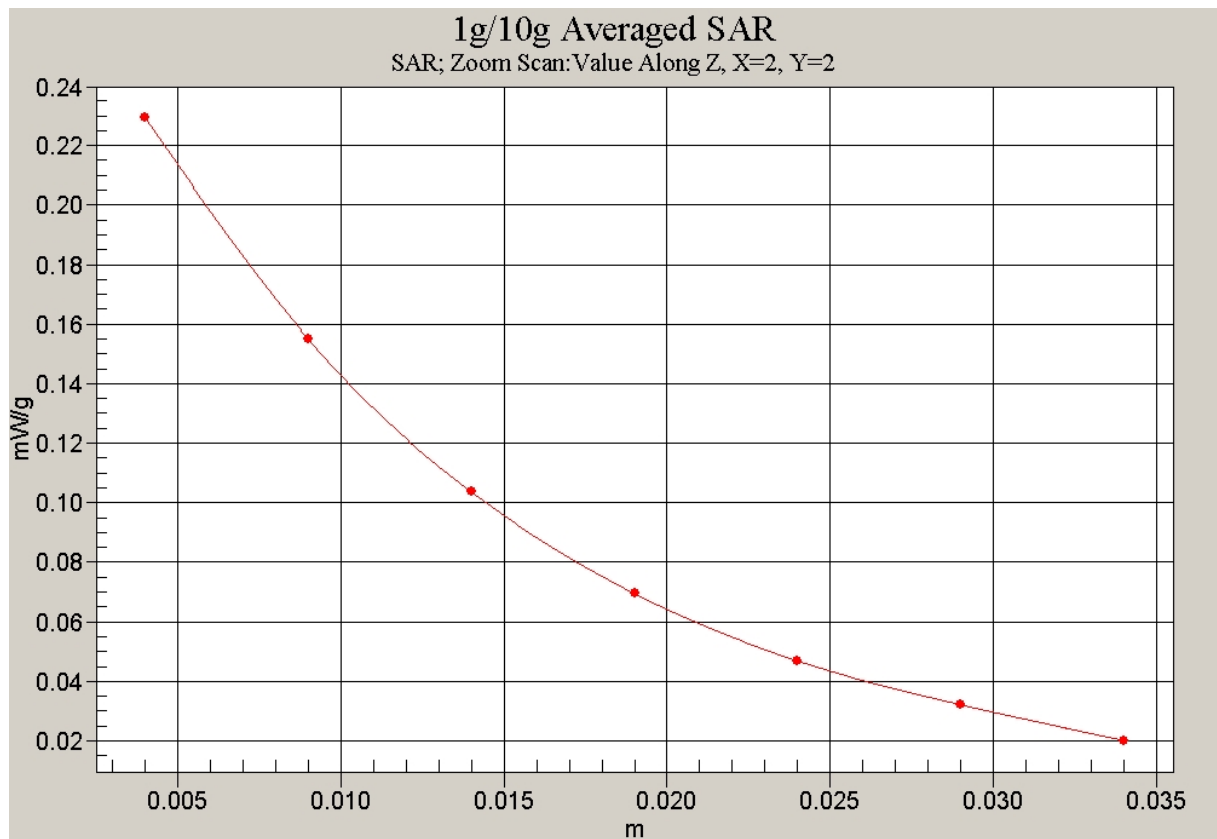
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.229mW/g

Fig. 73 WCDMA 1900MHz, Body, Towards Phantom, CH9262



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

WCDMA 1900 Body Toward Ground Low with Headset

Date/Time: 2008-12-11 9:07:42

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°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) = 0.448 mW/g

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

Reference Value = 14.8 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.682 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.446 mW/g

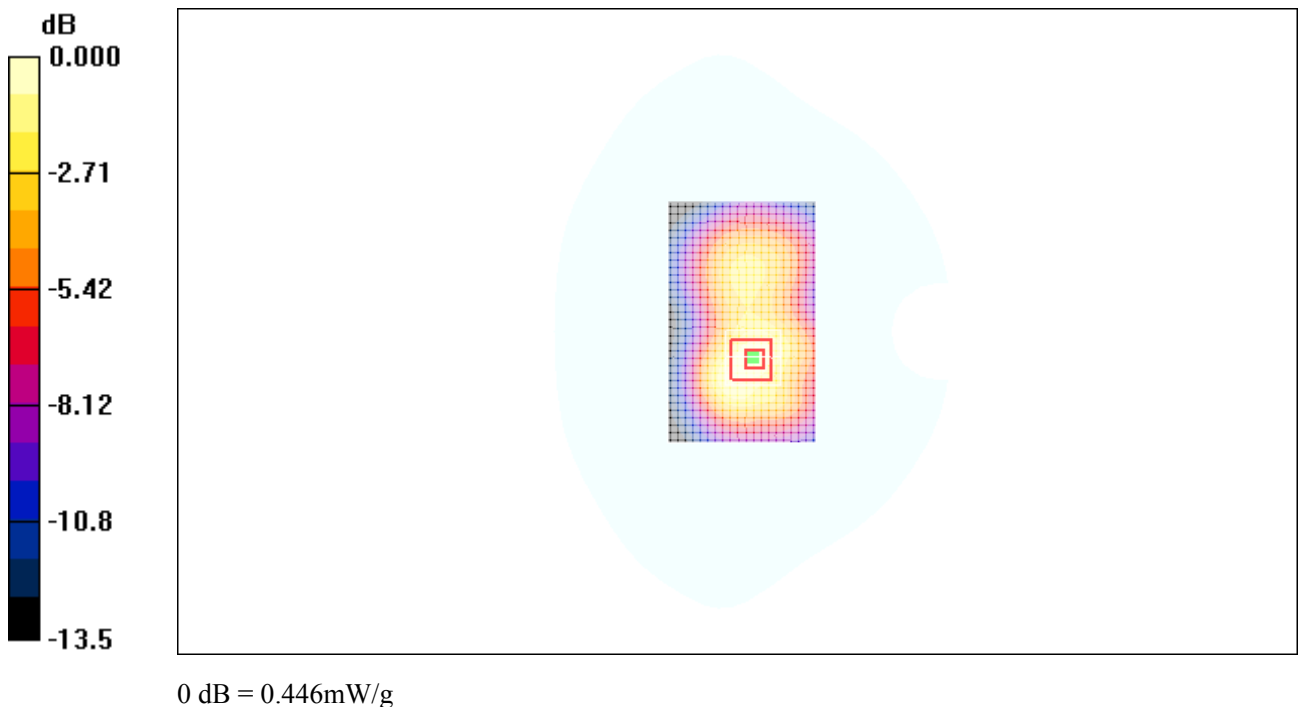
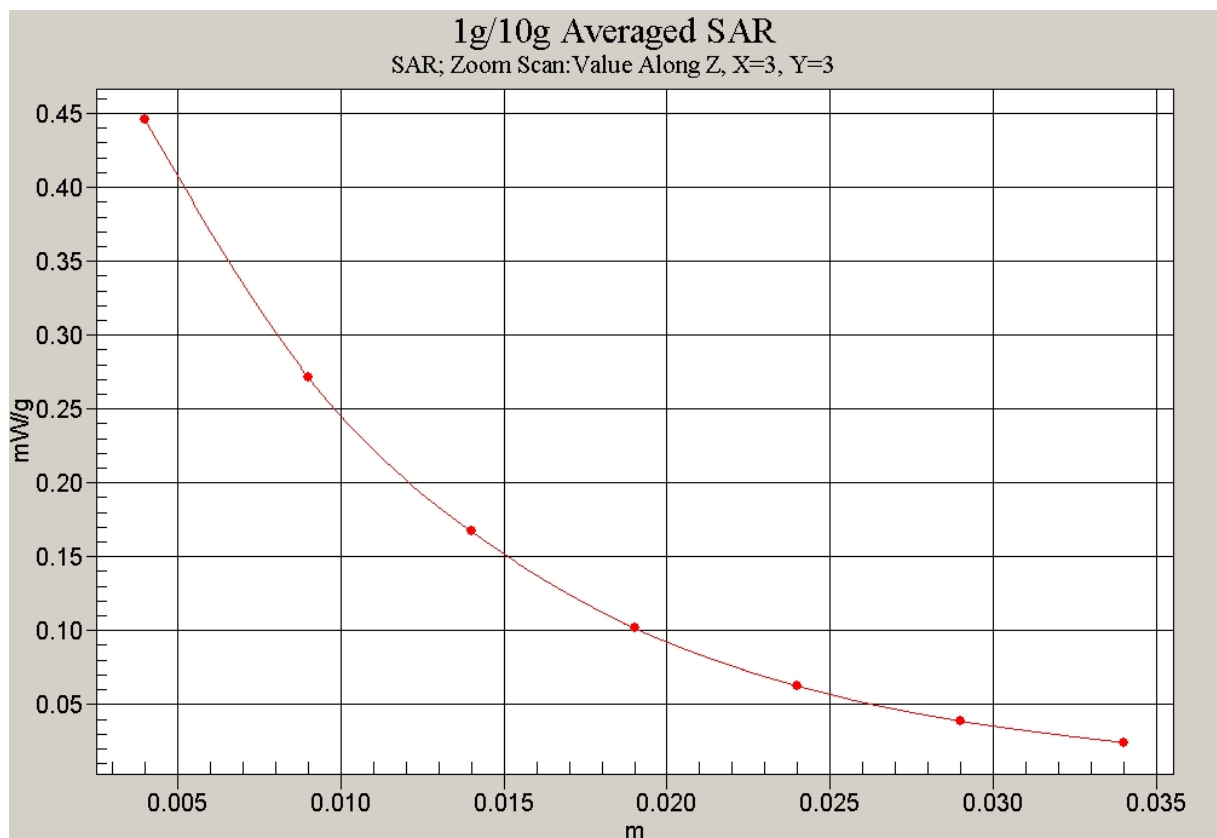


Fig. 75 WCDMA 1900MHz, Body, Towards Ground, CH9262



**Fig. 76 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground, CH9262)**

850 Left Cheek High

Date/Time: 2008-12-10 10:03:34

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.885$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

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

Maximum value of SAR (interpolated) = 0.416 mW/g

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

Reference Value = 16.2 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.408 mW/g

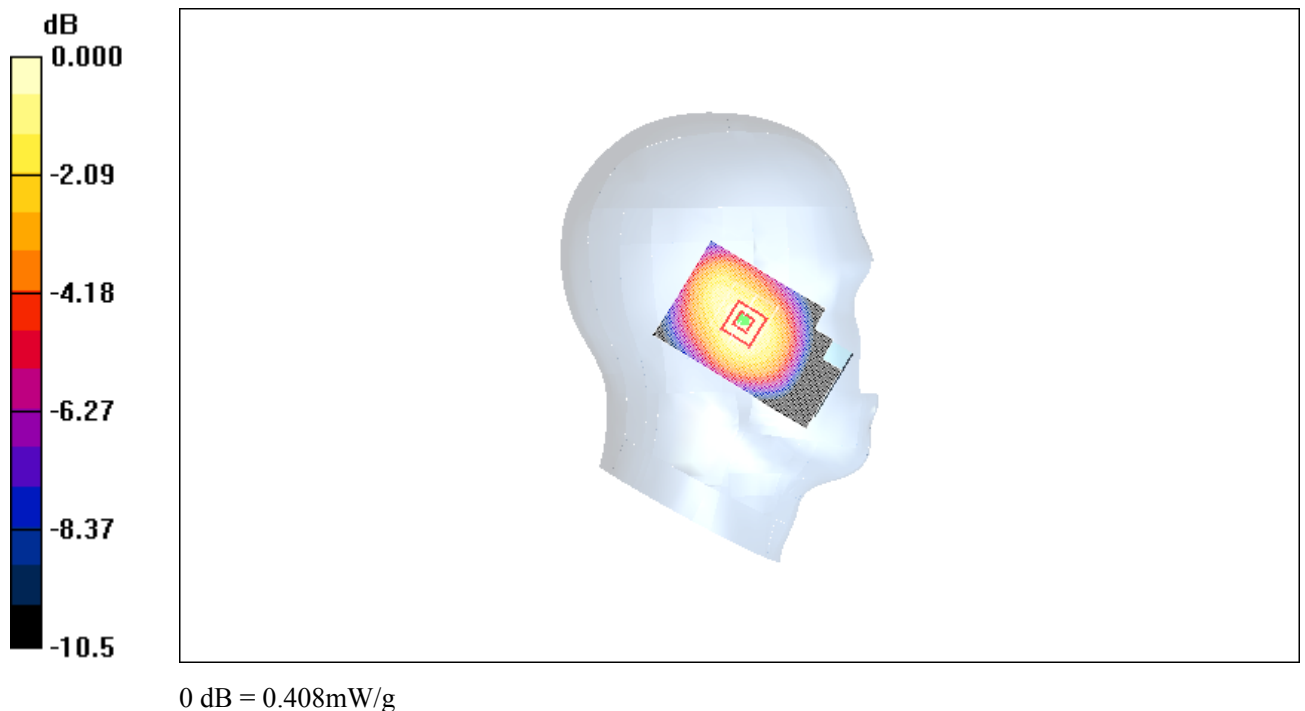


Fig. 77 850MHz CH251

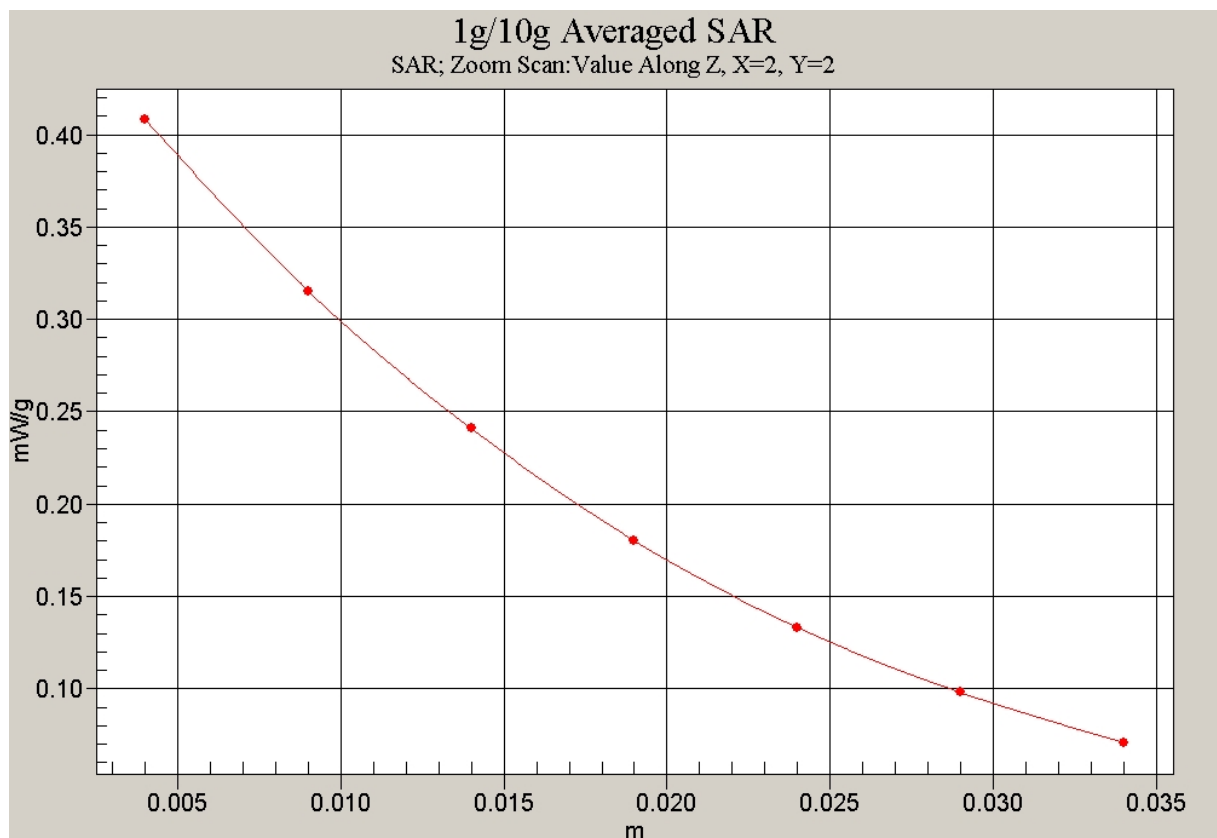


Fig. 78 Z-Scan at power reference point (850 MHz CH251)

850 Left Cheek Middle

Date/Time: 2008-12-10 10:15:06

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

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

Maximum value of SAR (interpolated) = 0.369 mW/g

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

Reference Value = 15.3 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.249 mW/g

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

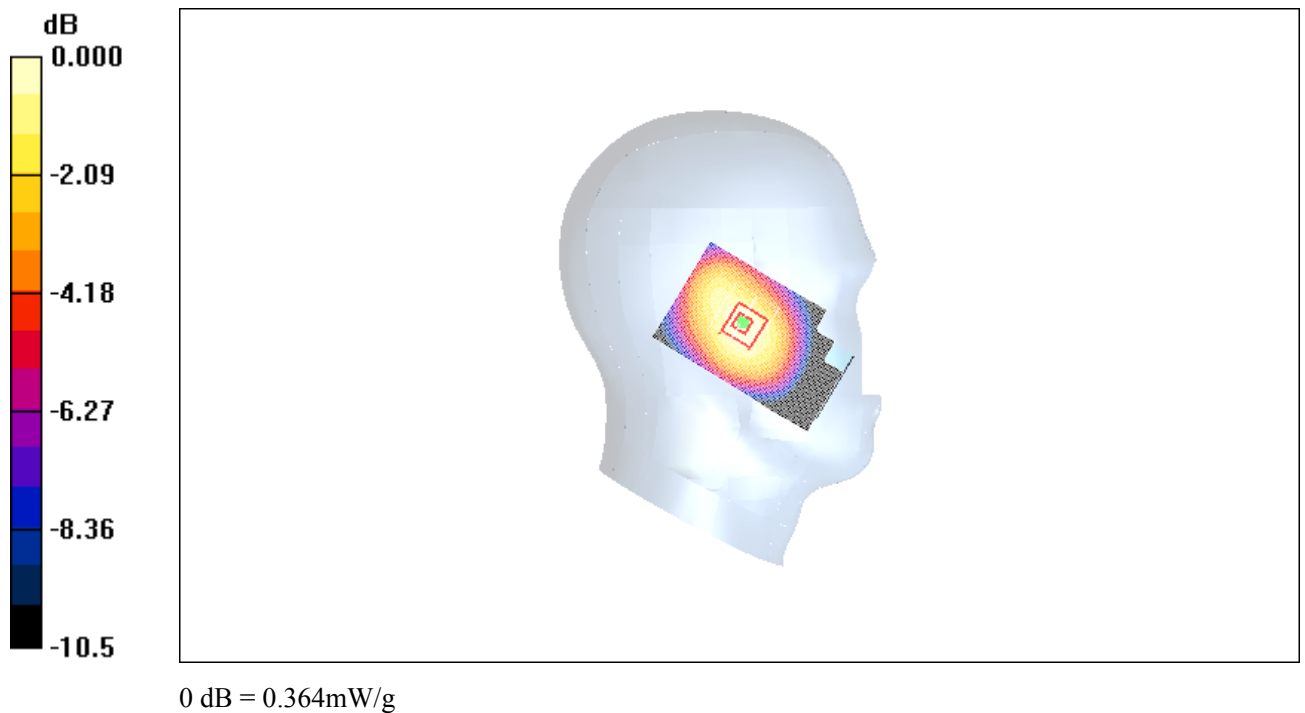


Fig. 79 850 MHz CH190

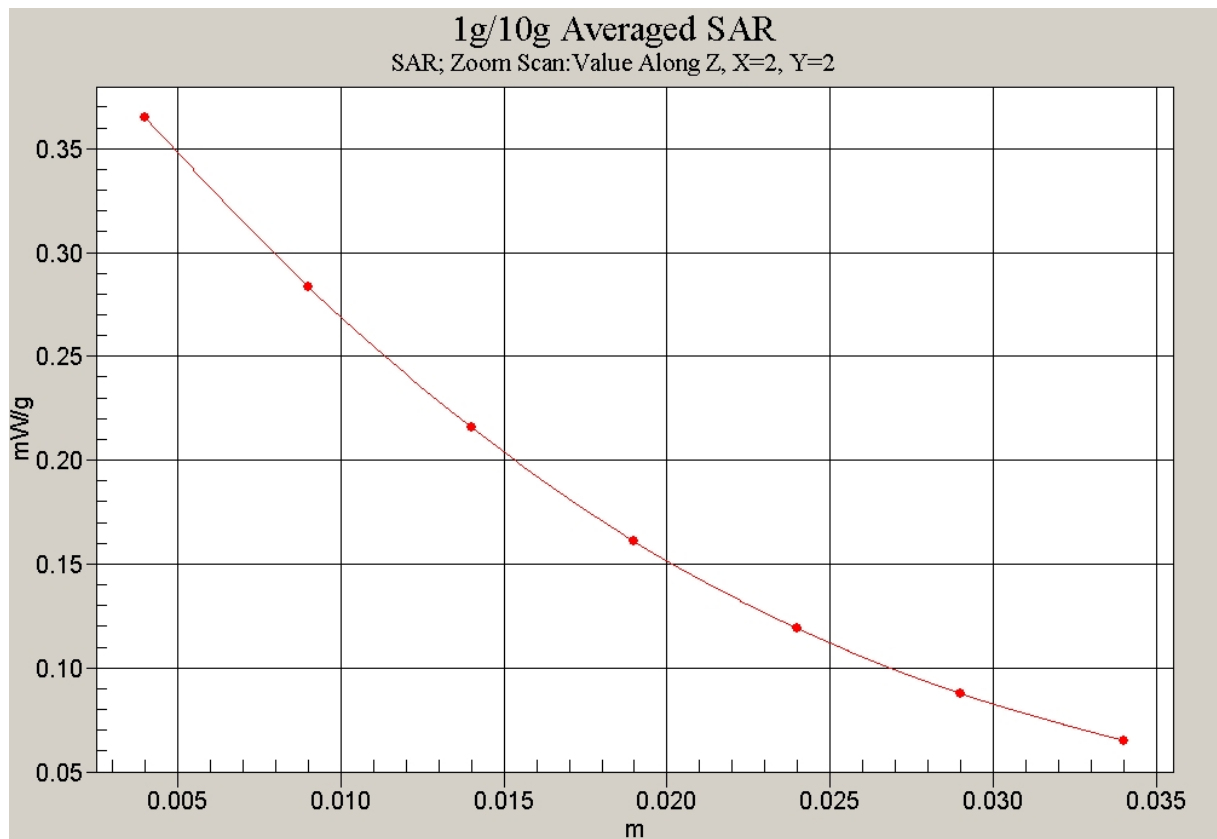


Fig. 80 Z-Scan at power reference point (850 MHz CH190)

850 Left Cheek Low

Date/Time: 2008-12-10 10:28:01

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.867 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (51x81x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.383 mW/g

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

Reference Value = 15.7 V/m ; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.354 mW/g ; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.376 mW/g

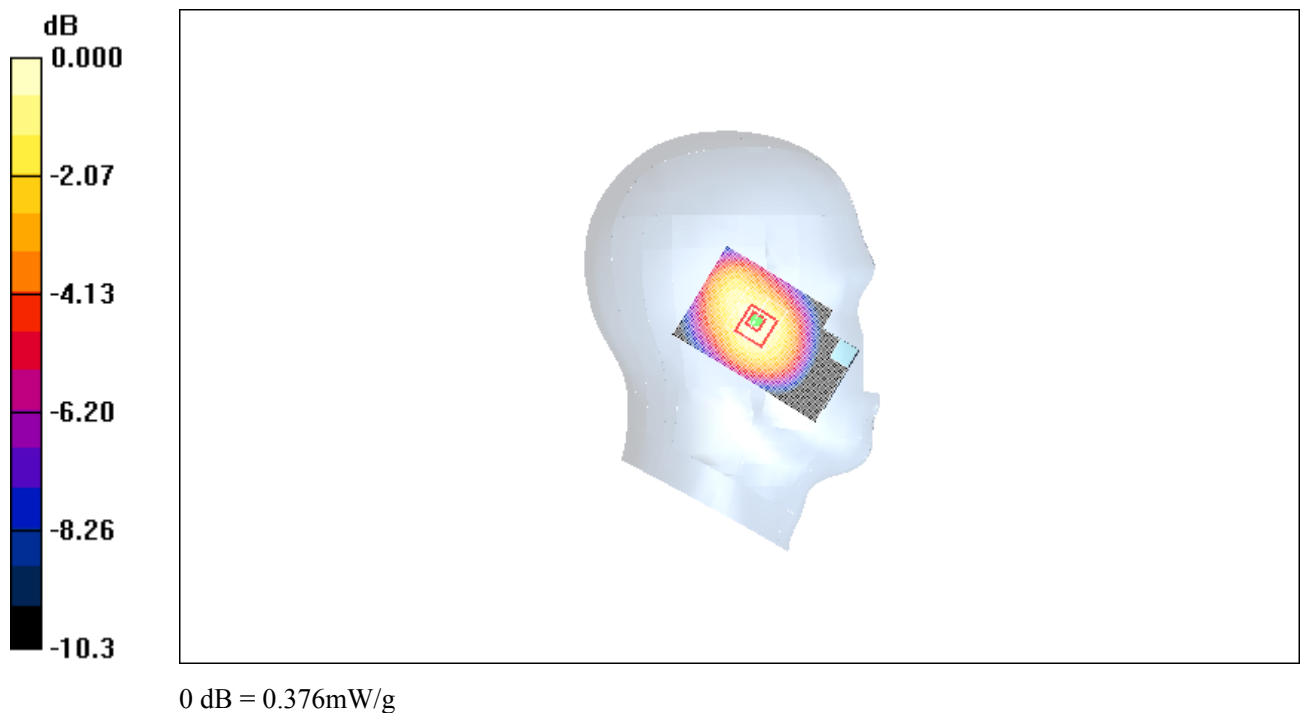


Fig. 81 850 MHz CH128

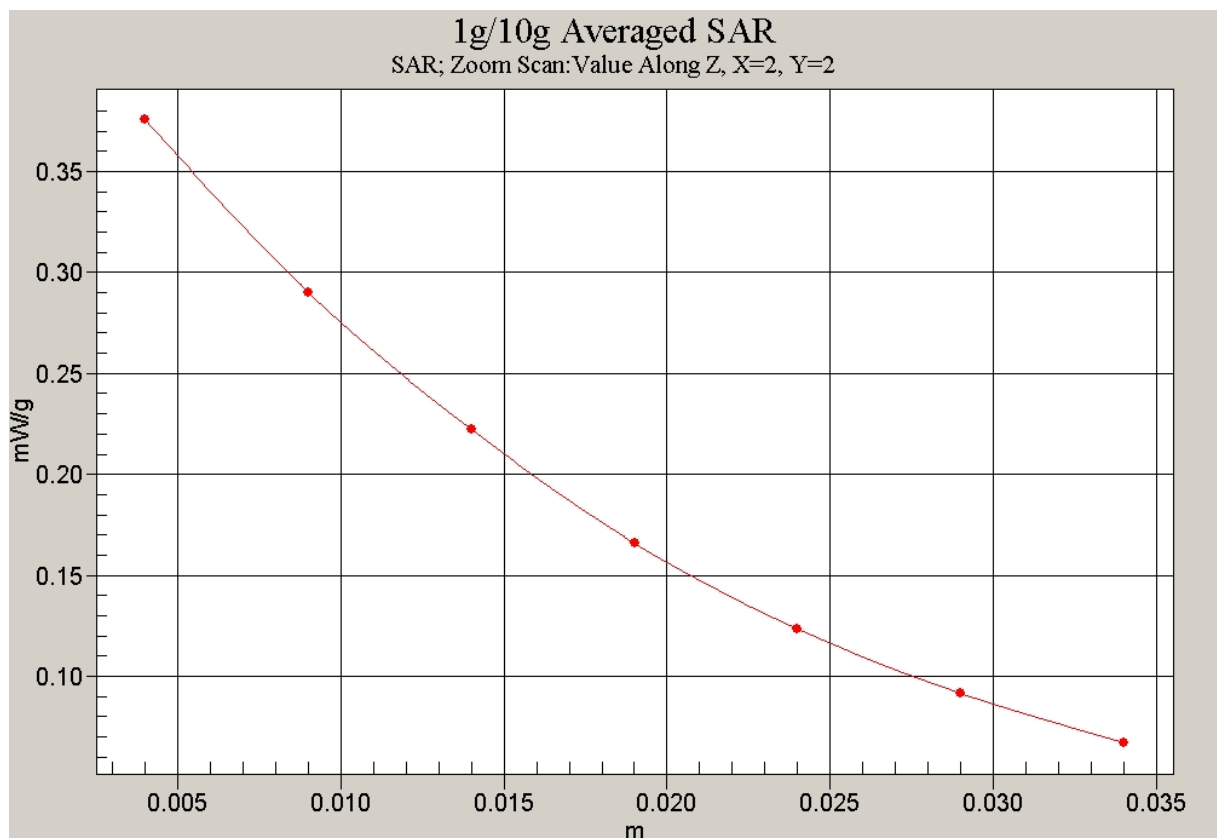


Fig.82 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt High

Date/Time: 2008-12-10 11:07:21

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.885$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

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

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

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

Reference Value = 16.0 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.275 mW/g

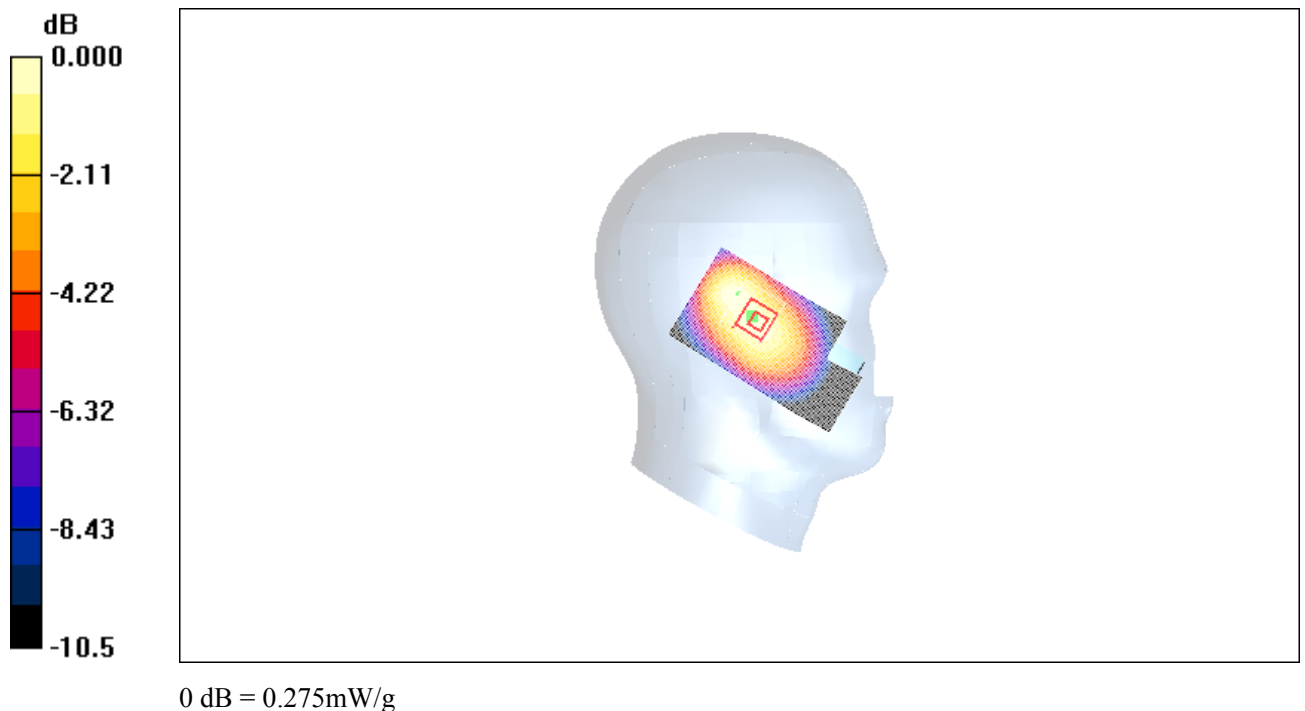


Fig.83 850 MHz CH251

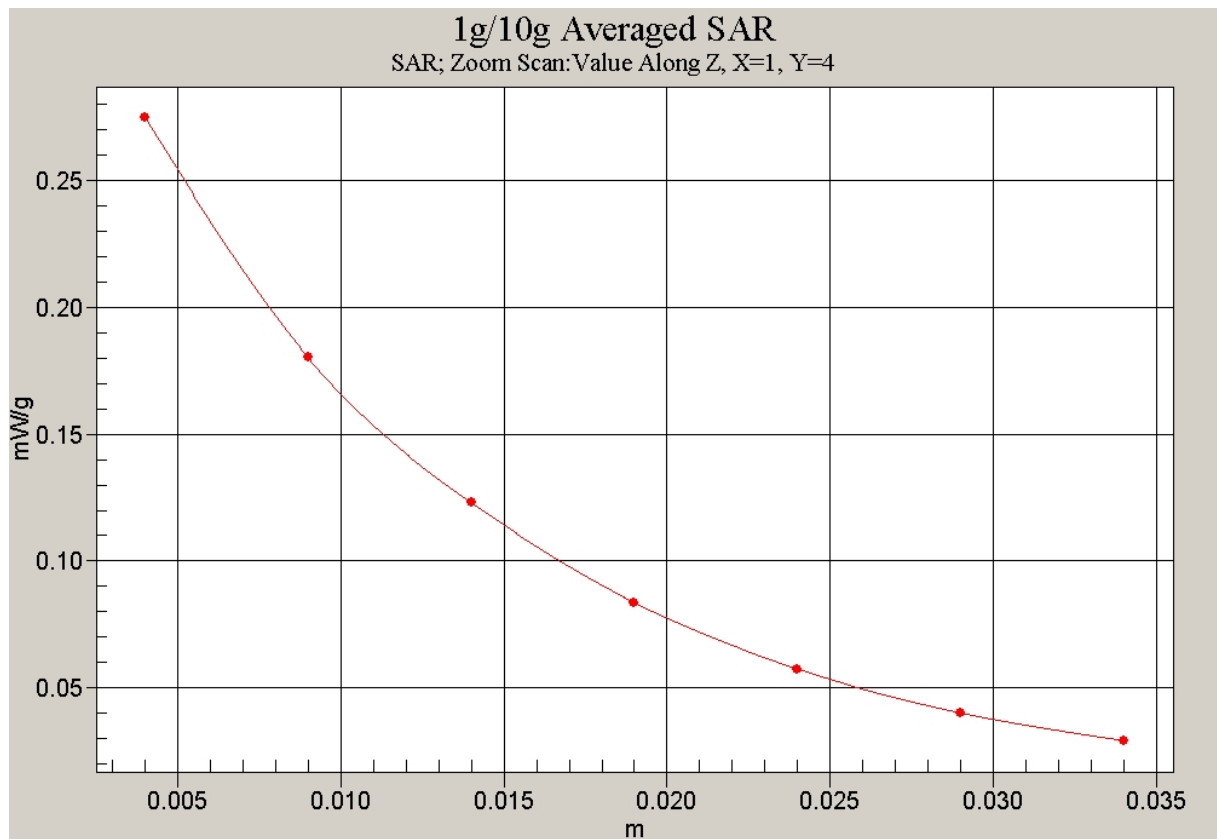


Fig. 84 Z-Scan at power reference point (850 MHz CH251)

850 Left Tilt Middle

Date/Time: 2008-12-10 10:54:32

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.875$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3°C Liquid Temperature: 22.5°C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

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

Maximum value of SAR (interpolated) = 0.238 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 = -0.048 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.243 mW/g

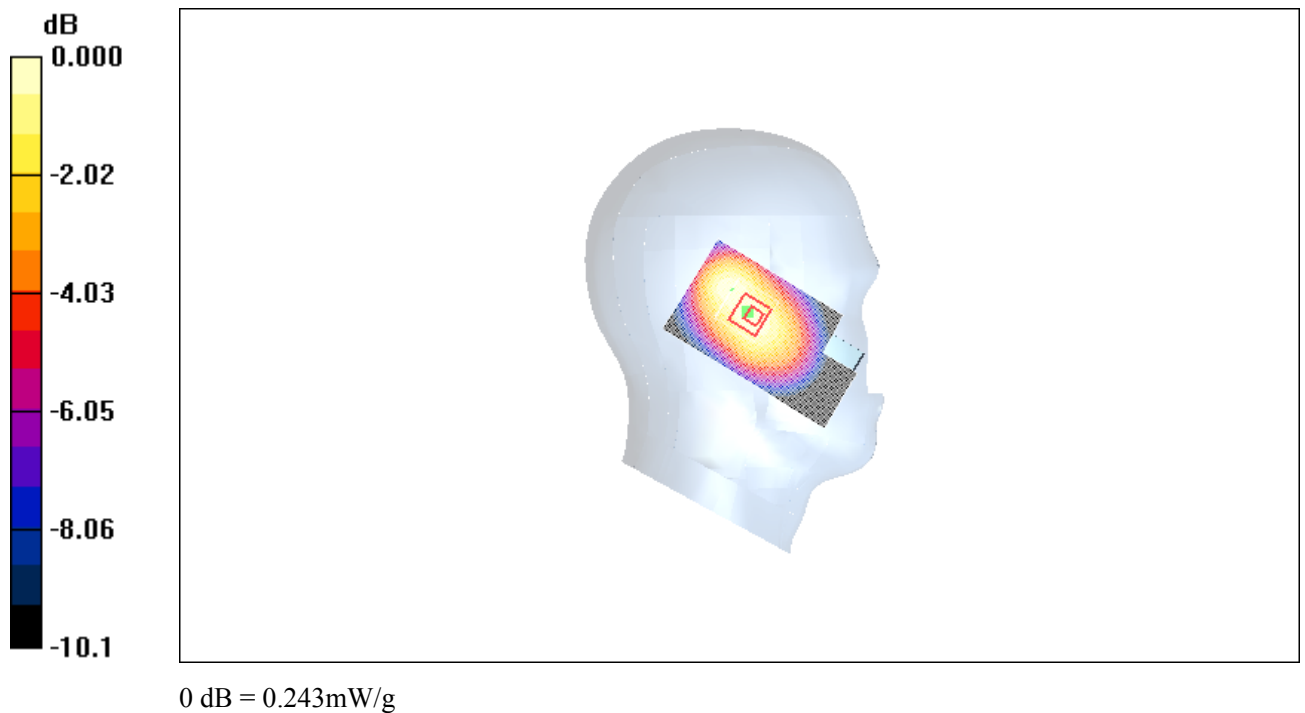


Fig. 85 850 MHz CH190

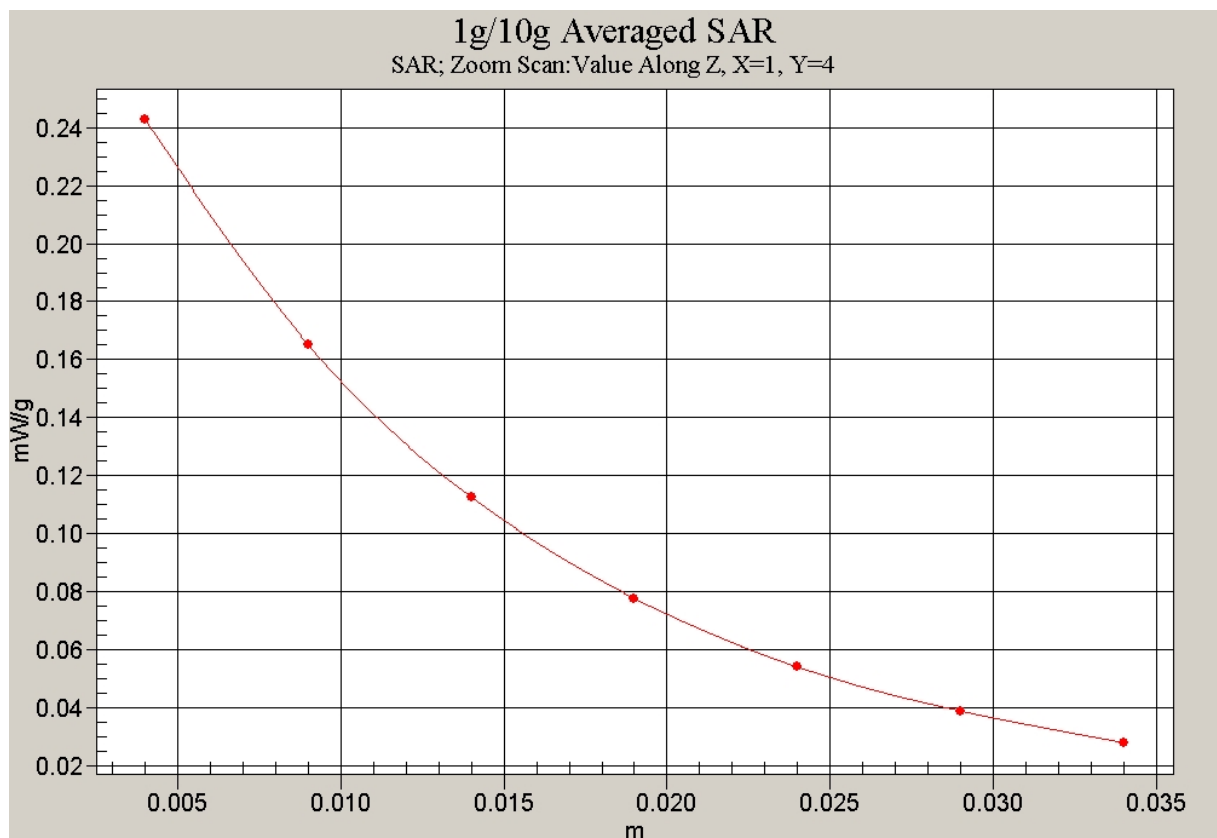


Fig. 86 Z-Scan at power reference point (850 MHz CH190)