

WCDMA 850 Body Toward Ground Middle with Bluetooth Function-slide up

Date/Time: 2008-3-21 15:19:04

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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 – SN3142 ConvF(5.66, 5.66, 5.66)

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

Maximum value of SAR (interpolated) = 0.702 mW/g

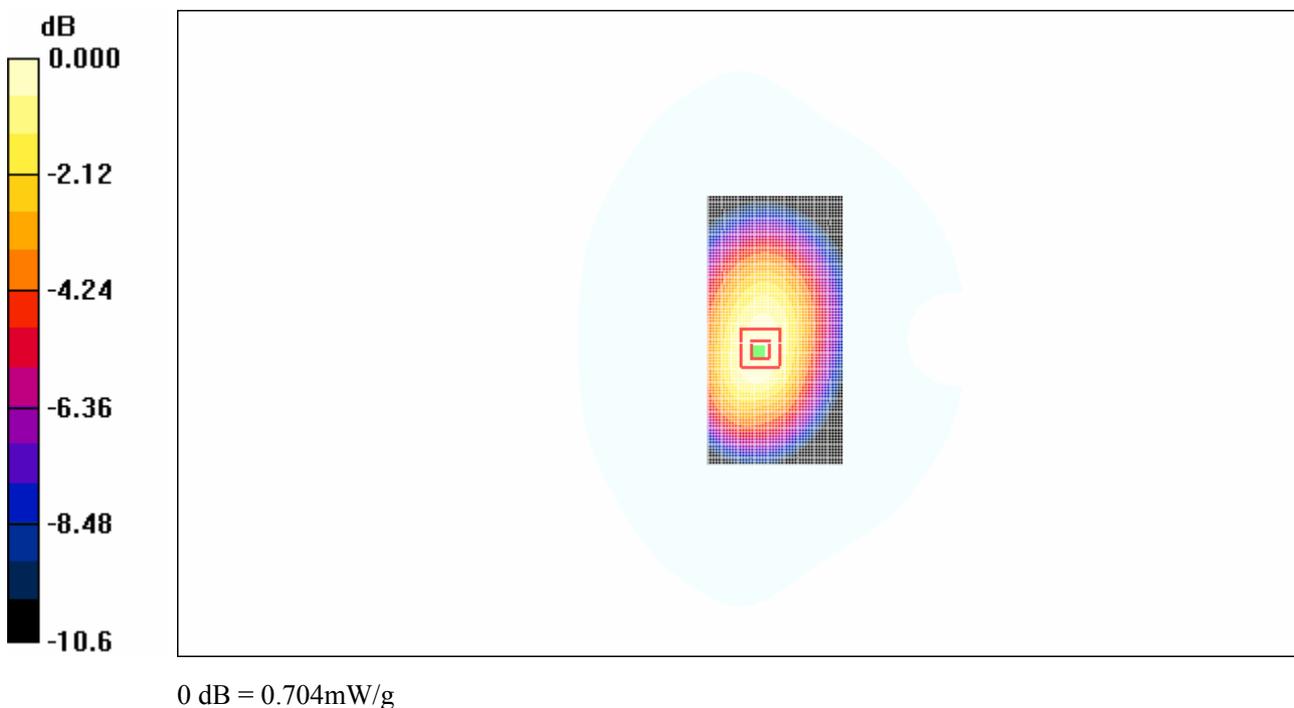
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

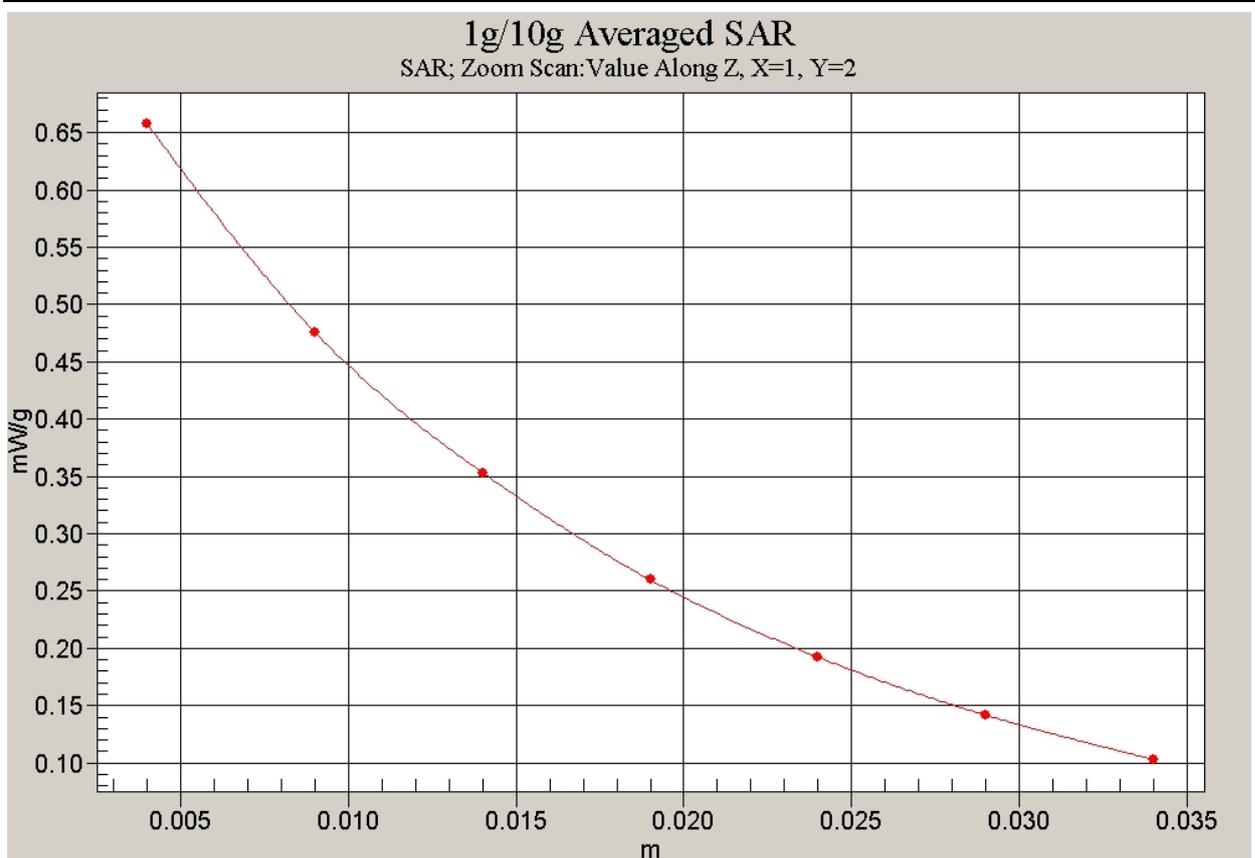
Reference Value = 25.0 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.704 mW/g

**Fig. 73 WCDMA 850MHz, Body, Towards Ground with Bluetooth, CH4182**



**Fig. 74 Z-Scan at power reference point
(WCDMA 850MHz, Body, Towards Ground with Bluetooth, CH4182-slide up)**

WCDMA 1900 Left Cheek High-slide down

Date/Time: 2008-3-20 13:04:50

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

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

Maximum value of SAR (interpolated) = 0.463 mW/g

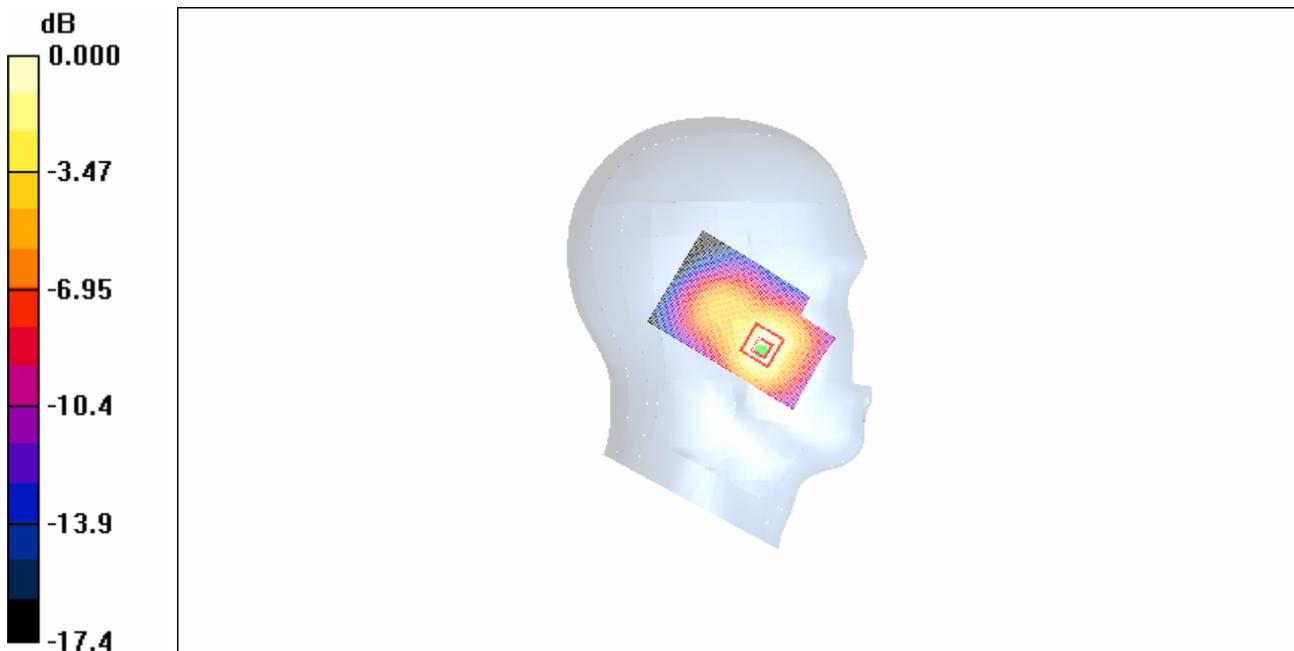
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.45 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.445 mW/g



0 dB = 0.445mW/g

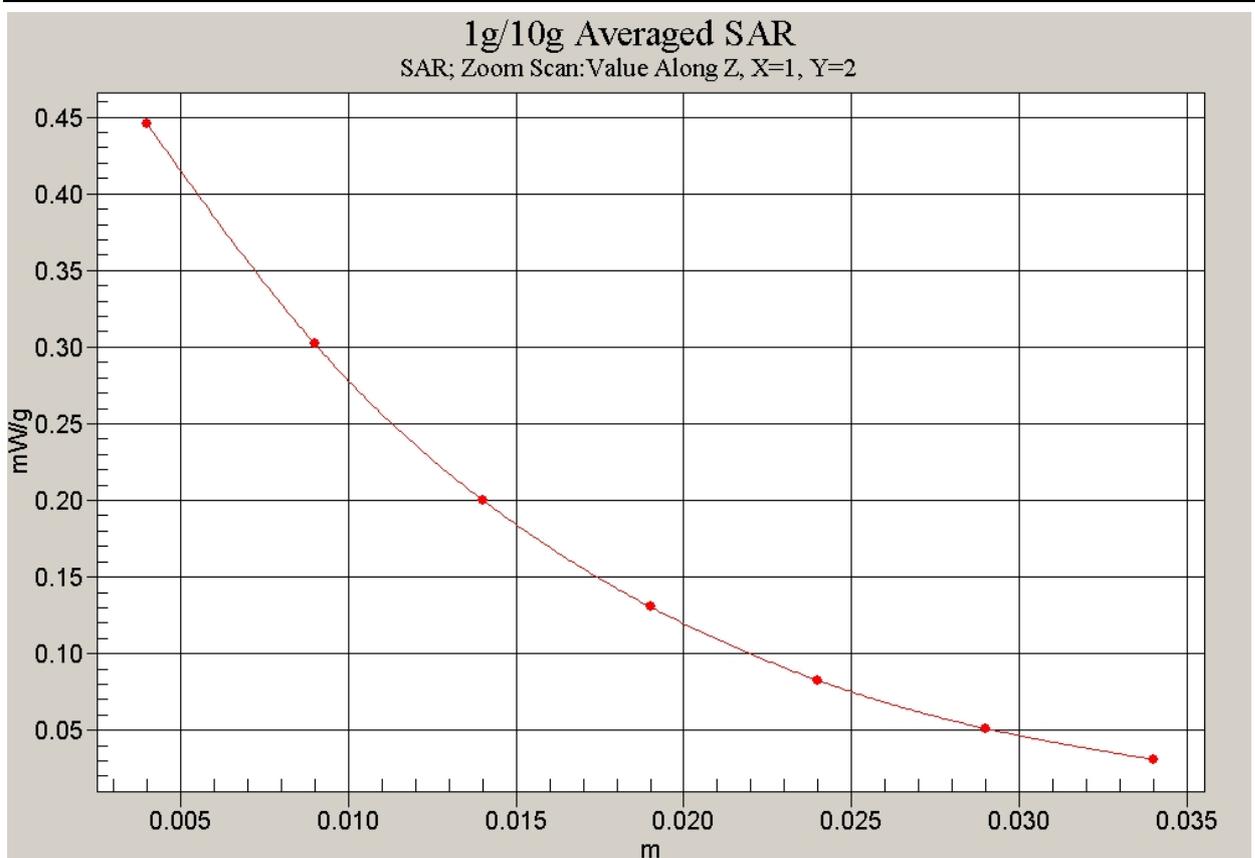


Fig. 76 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide down)

WCDMA 1900 Left Cheek Middle-slide down

Date/Time: 2008-3-22 15:31:14

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.463 mW/g

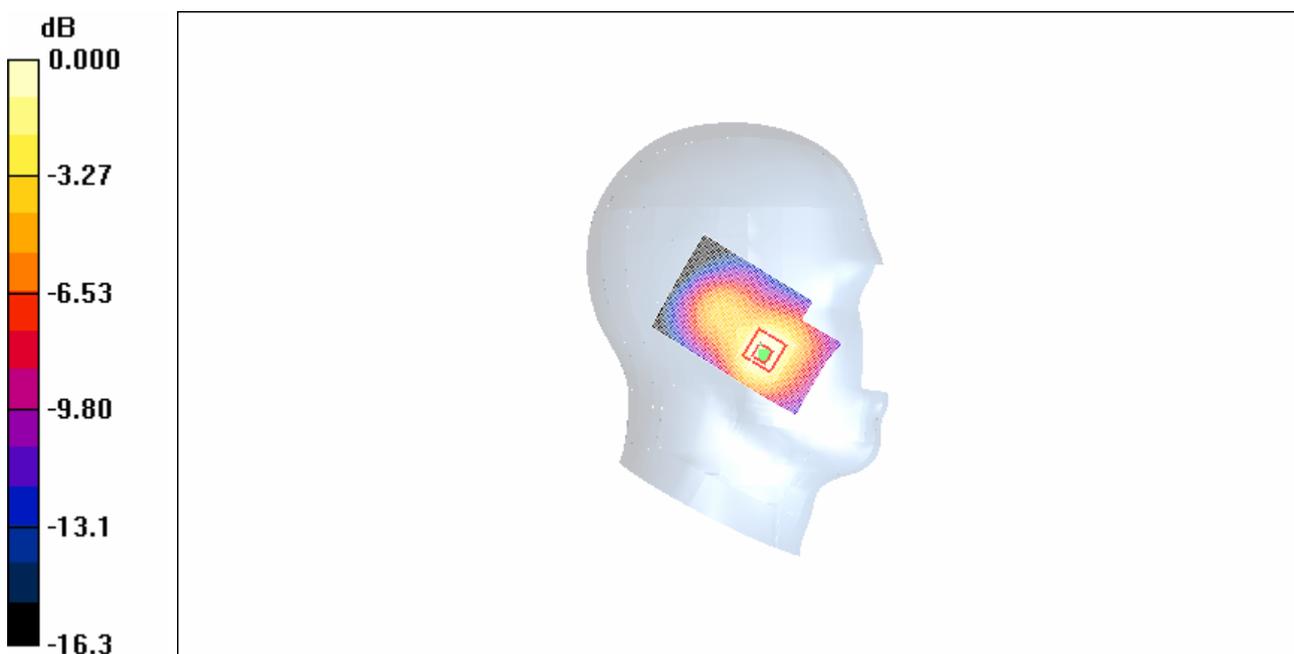
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.67 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.432 mW/g



0 dB = 0.432mW/g

Fig. 77 Left Hand Touch Cheek WCDMA 1900MHz CH9400-slide down

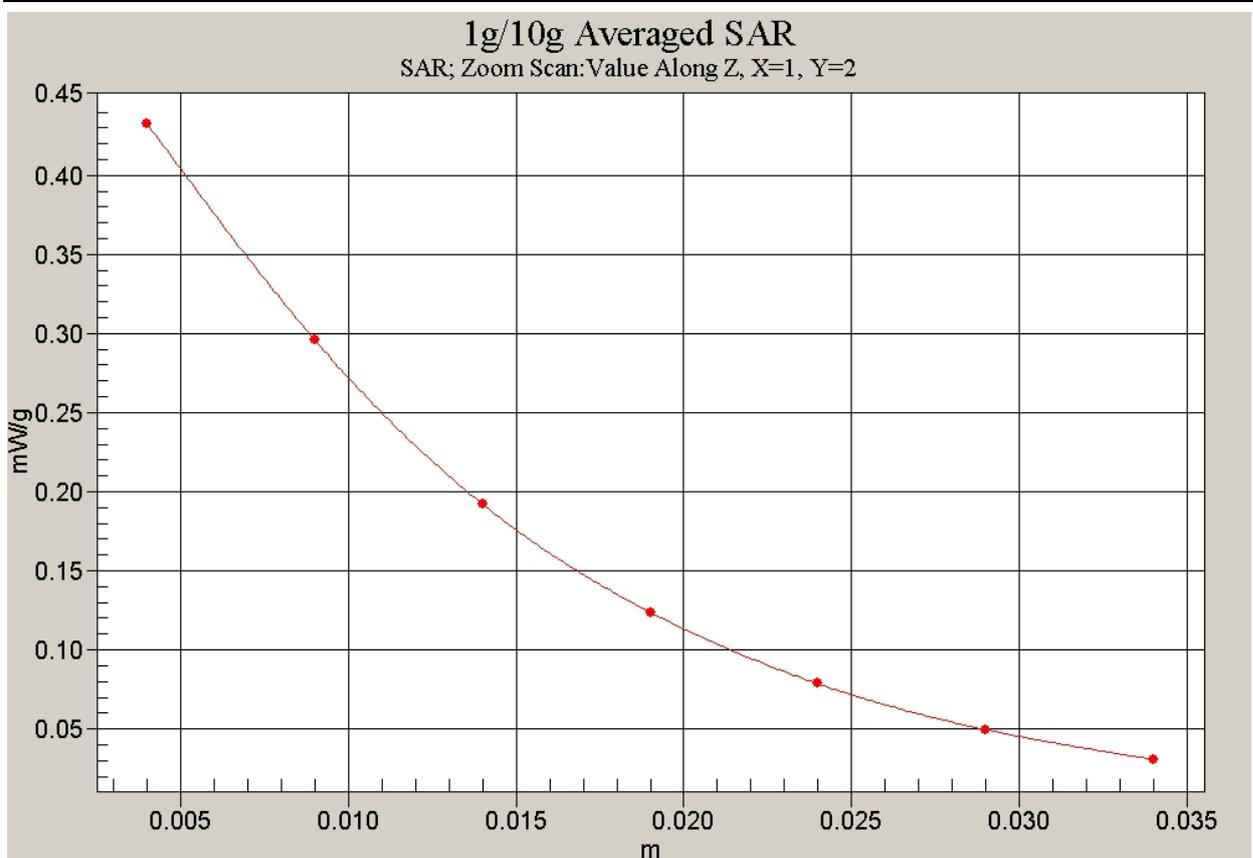


Fig. 78 Z-Scan at power reference point (WCDMA 1900MHz CH9400-slide down)

WCDMA 1900 Left Cheek Low-slide down

Date/Time: 2008-3-22 15:42:36

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

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

Maximum value of SAR (interpolated) = 0.502 mW/g

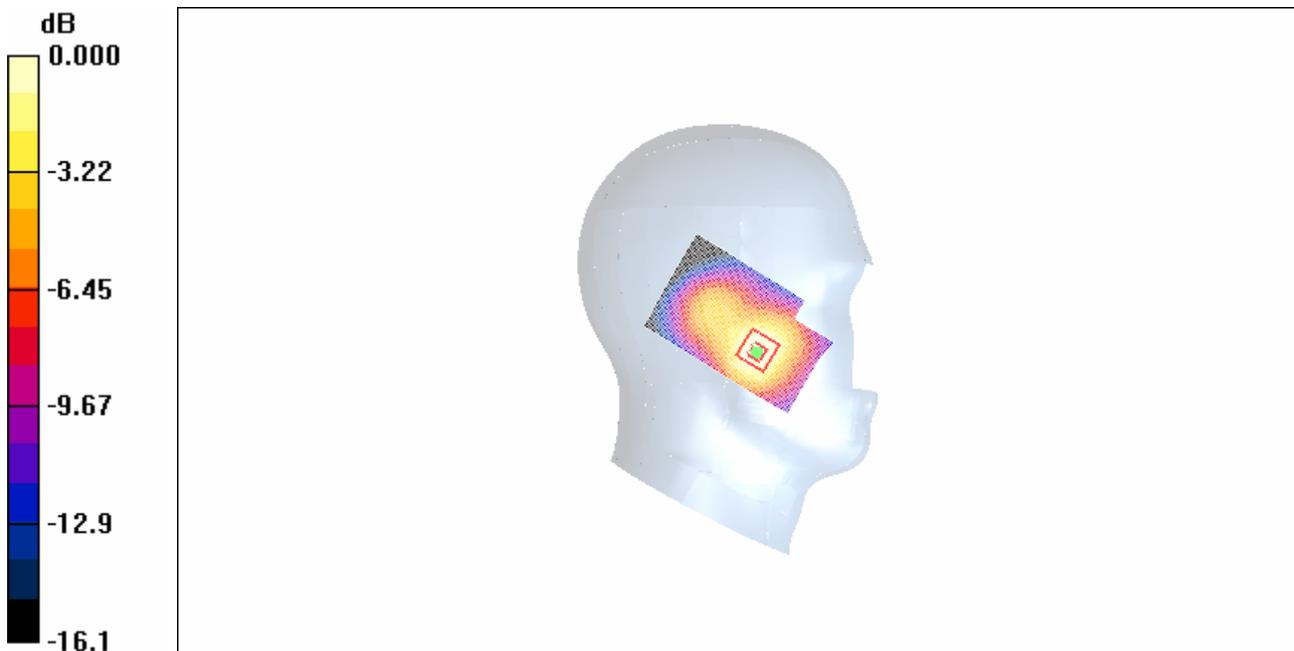
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.04 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

Fig. 79 Left Hand Touch Cheek WCDMA 1900MHz CH9262-slide down

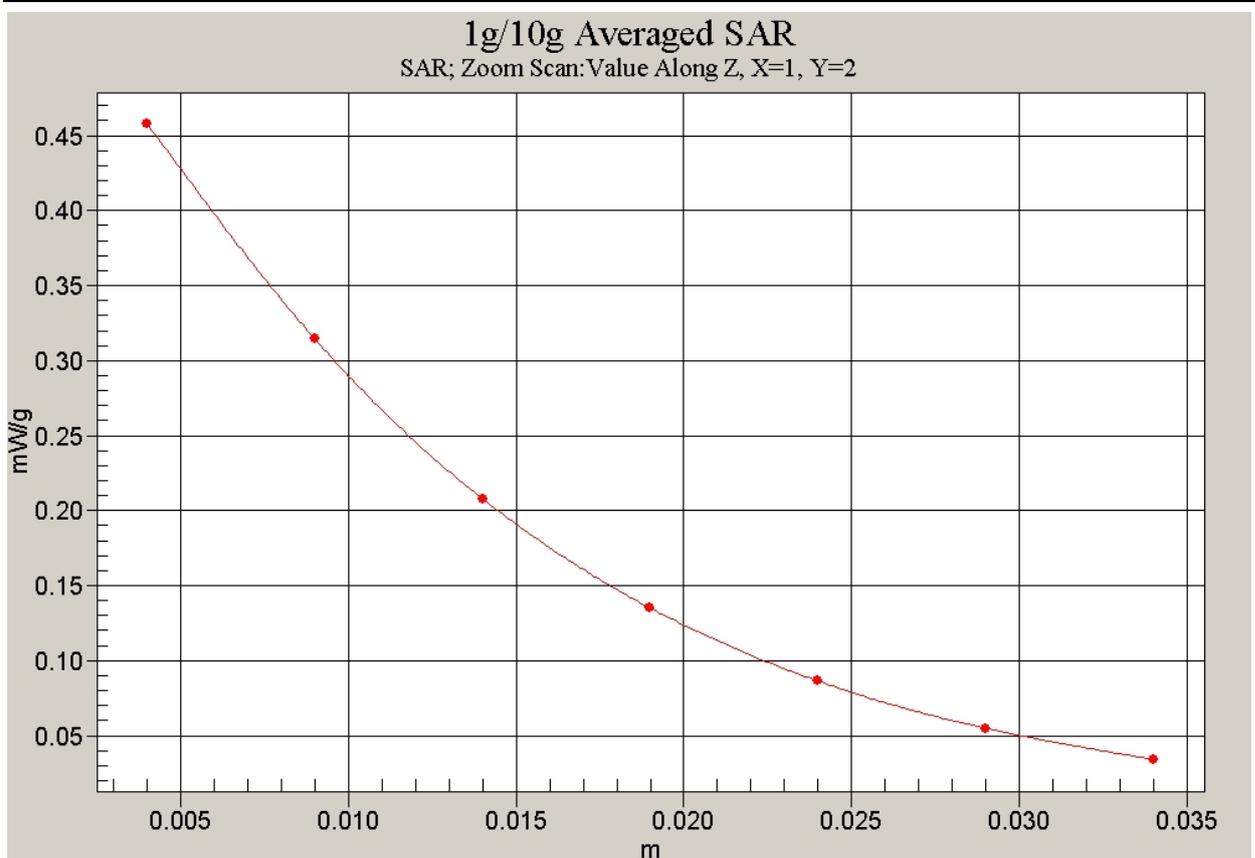


Fig. 80 Z-Scan at power reference point (WCDMA 1900MHz CH9262-slide down)

WCDMA 1900 Left Tilt High-slide down

Date/Time: 2008-3-22 16:20:03

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

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

Maximum value of SAR (interpolated) = 0.293 mW/g

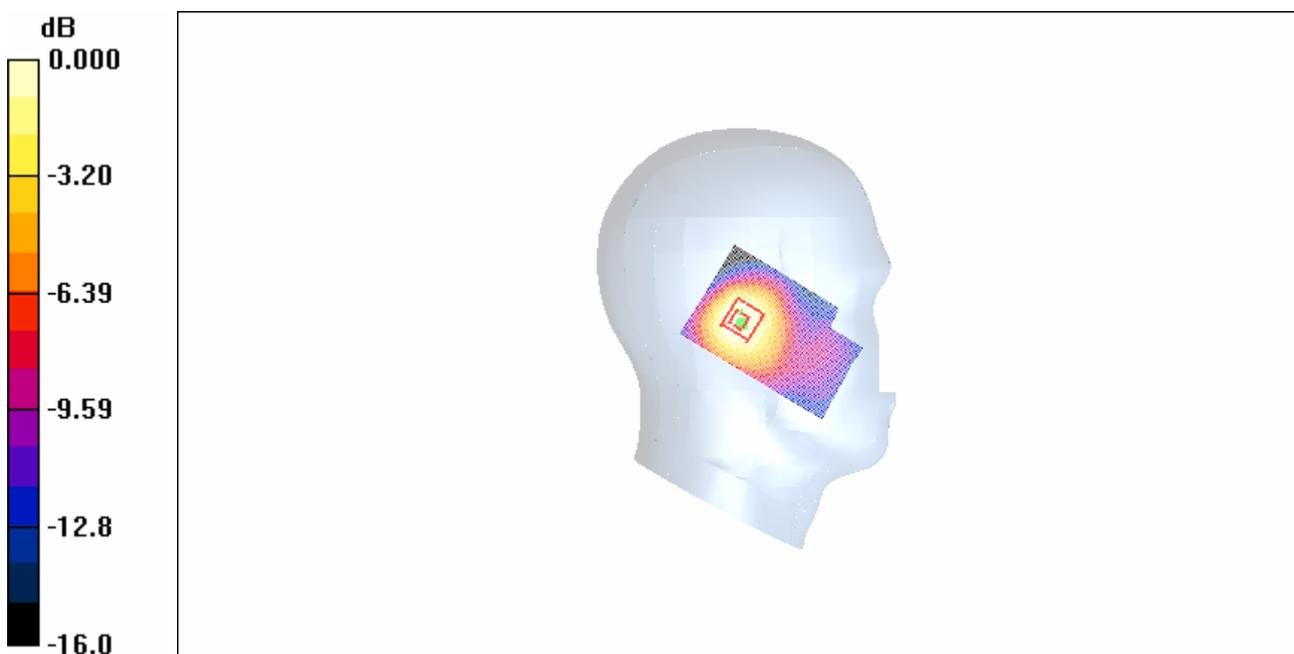
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.408 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.165 mW/g

Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

Fig. 81 Left Hand Tilt 15° WCDMA 1900MHz CH9538-slide down

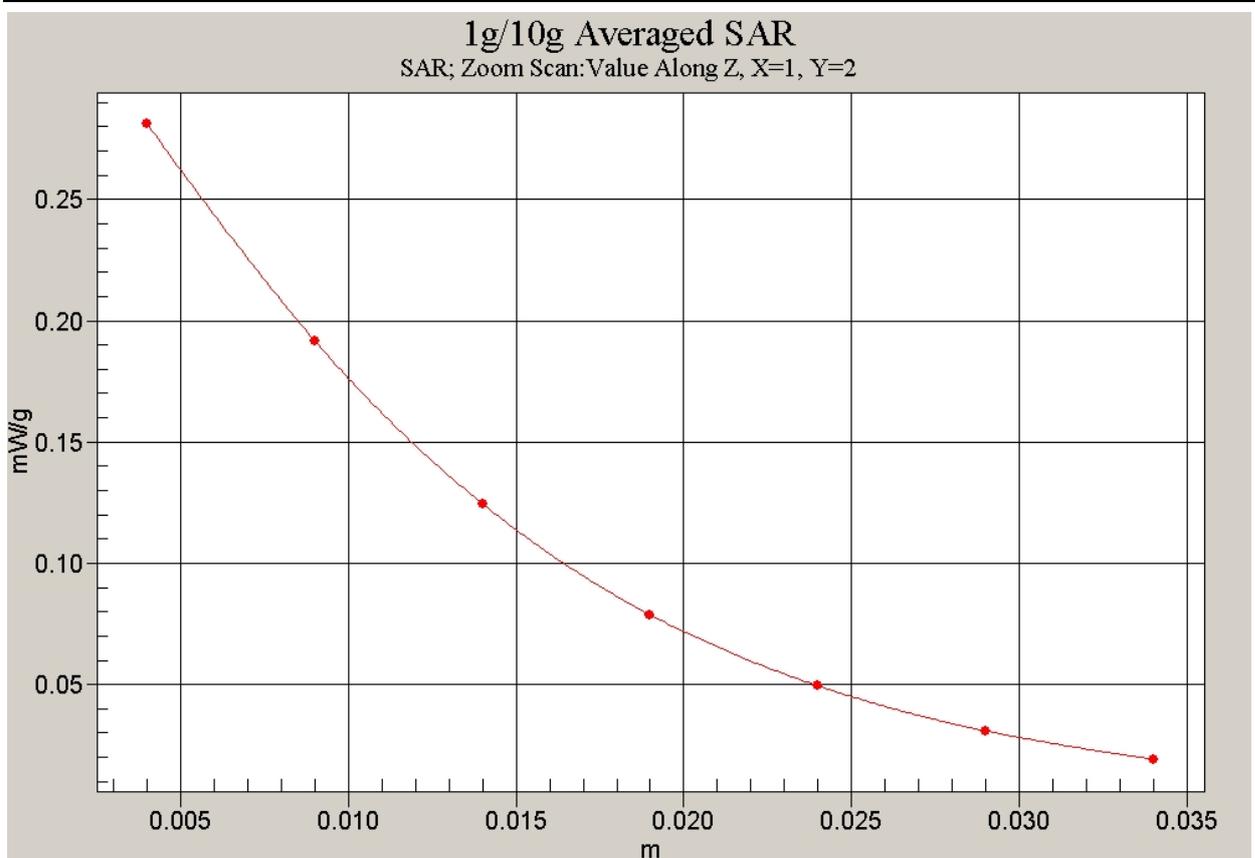


Fig. 82 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide down)

WCDMA 1900 Left Tilt Middle-slide down

Date/Time: 2008-3-22 16:06:33

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

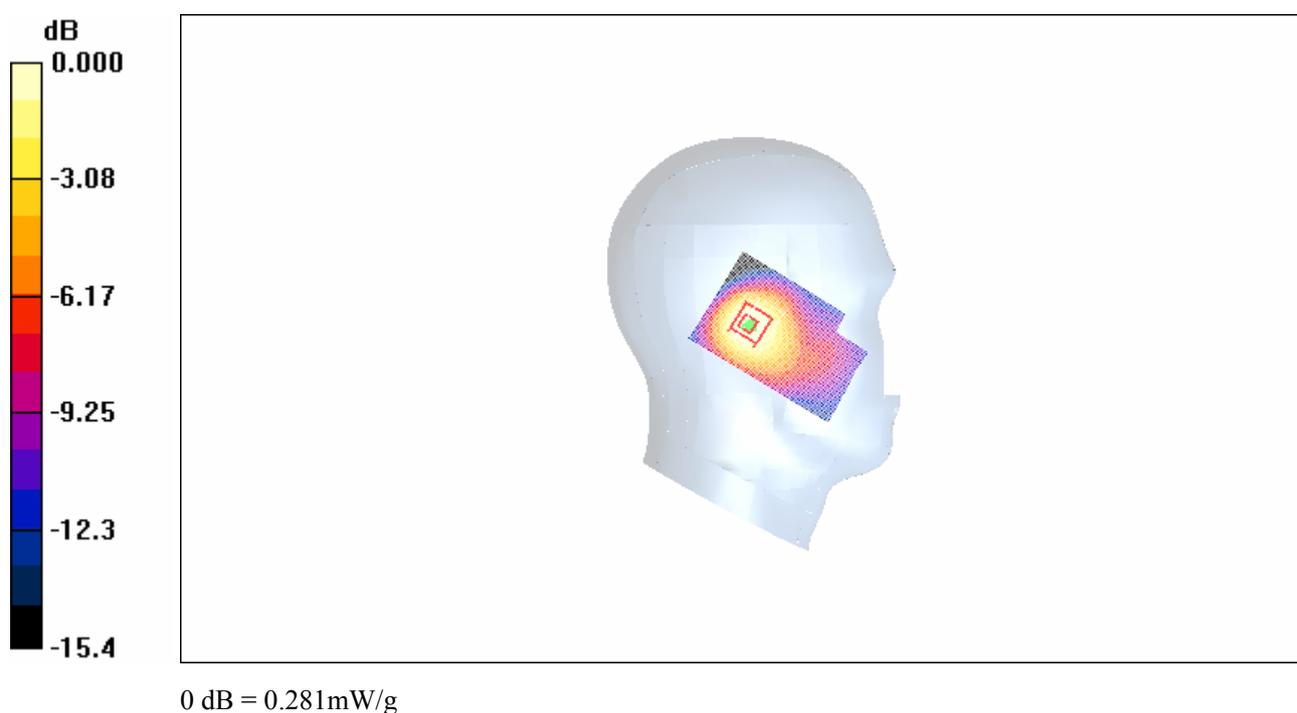
Tilt Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.300 mW/g**Tilt Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.281 mW/g

**Fig. 83 Left Hand Tilt 15°WCDMA 1900MHz CH9400-slide down**

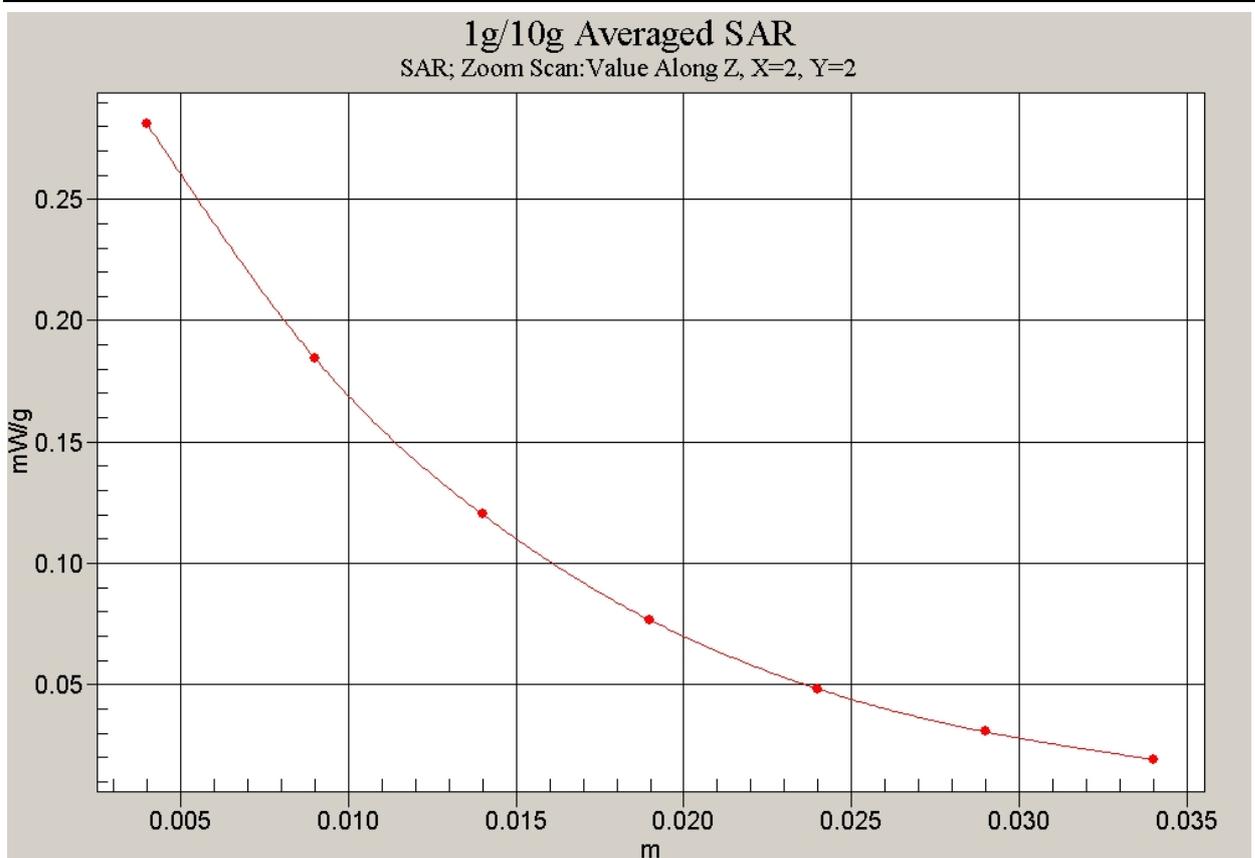


Fig. 84 Z-Scan at power reference point (WCDMA 1900MHz CH9400-slide down)

WCDMA 1900 Left Tilt Low-slide down

Date/Time: 2008-3-22 15:54:32

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

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

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

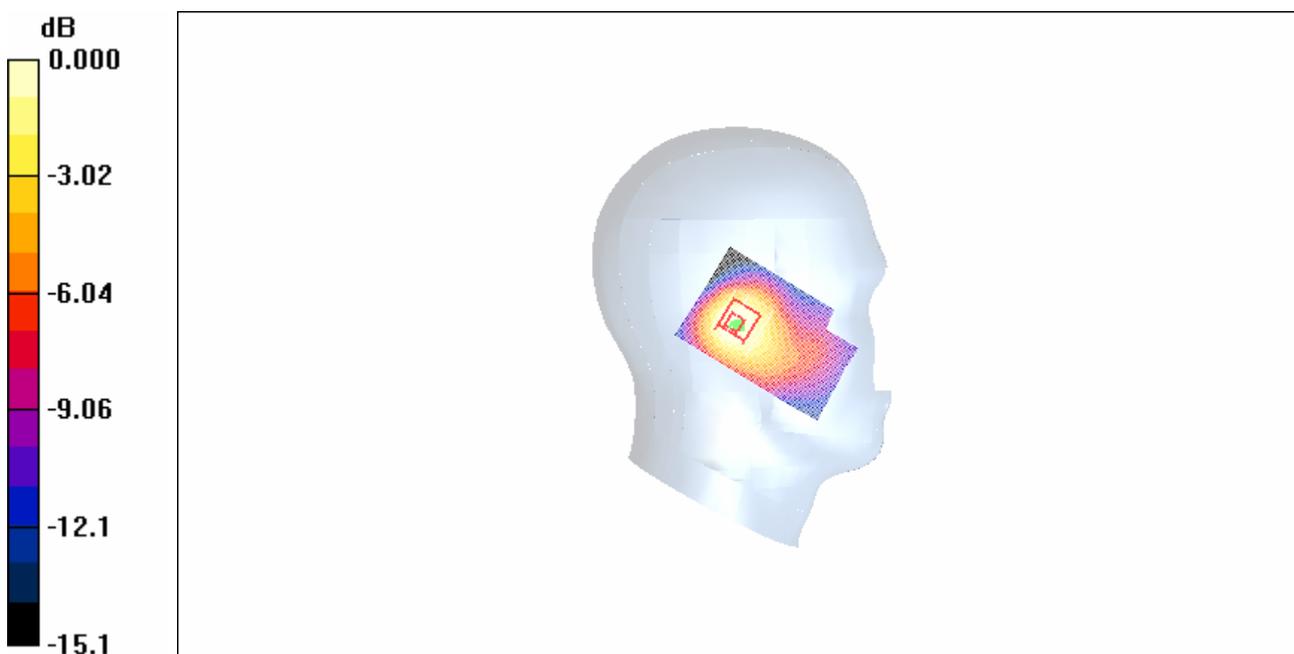
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.293 mW/g



0 dB = 0.293mW/g

Fig. 85 Left Hand Tilt 15° WCDMA 1900MHz CH9262-slide down

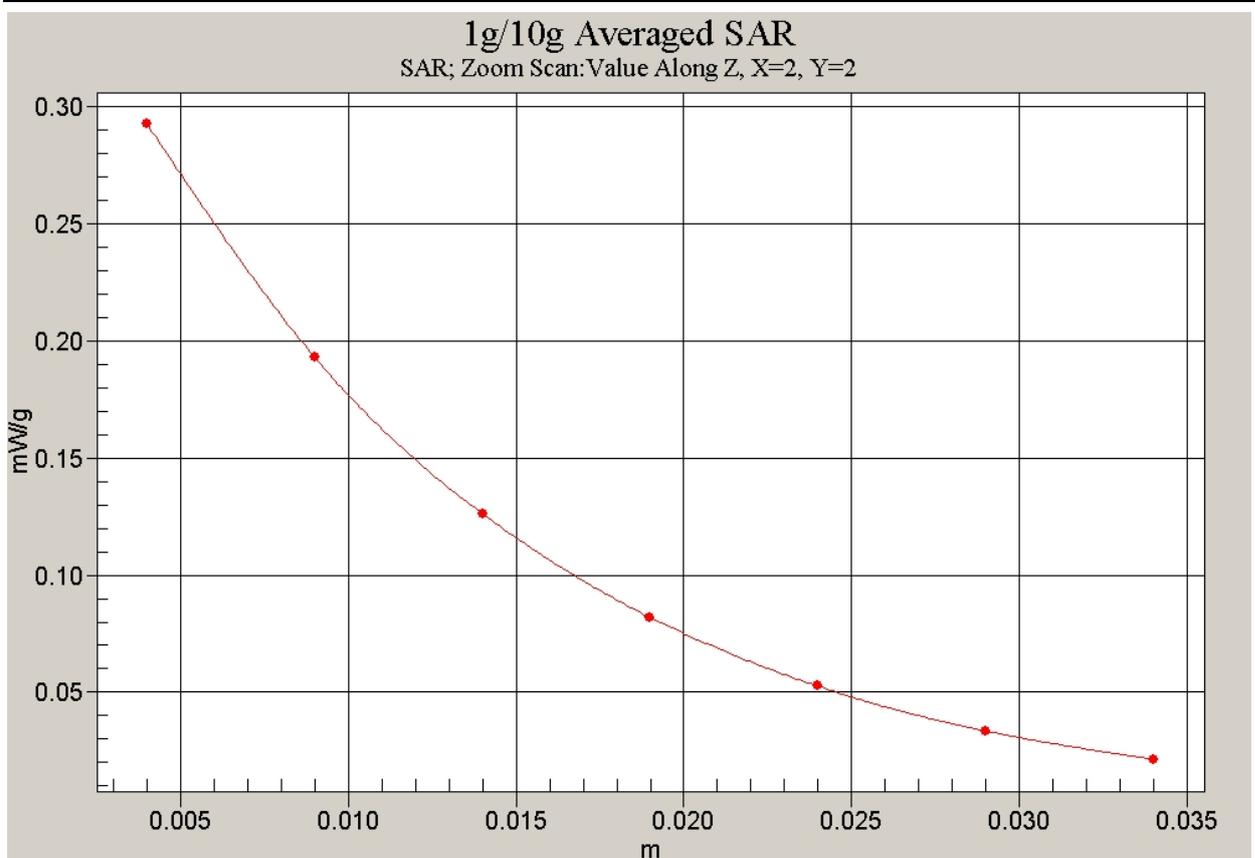


Fig. 86 Z-Scan at power reference point (WCDMA 1900MHz CH9262-slide down)

WCDMA 1900 Right Cheek High-slide down

Date/Time: 2008-3-22 14:01:08

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

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

Maximum value of SAR (interpolated) = 0.323 mW/g

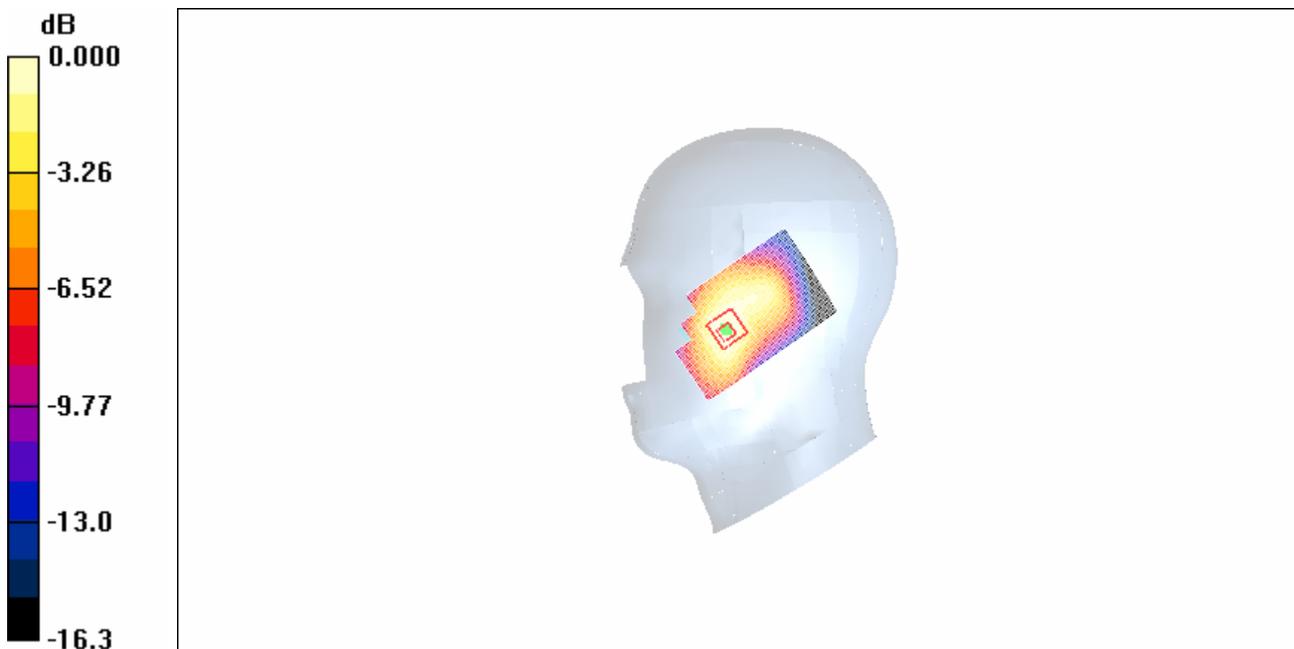
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.51 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.182 mW/g

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



0 dB = 0.314mW/g

Fig. 87 Right Hand Touch Cheek WCDMA 1900MHz CH9538 -slide down

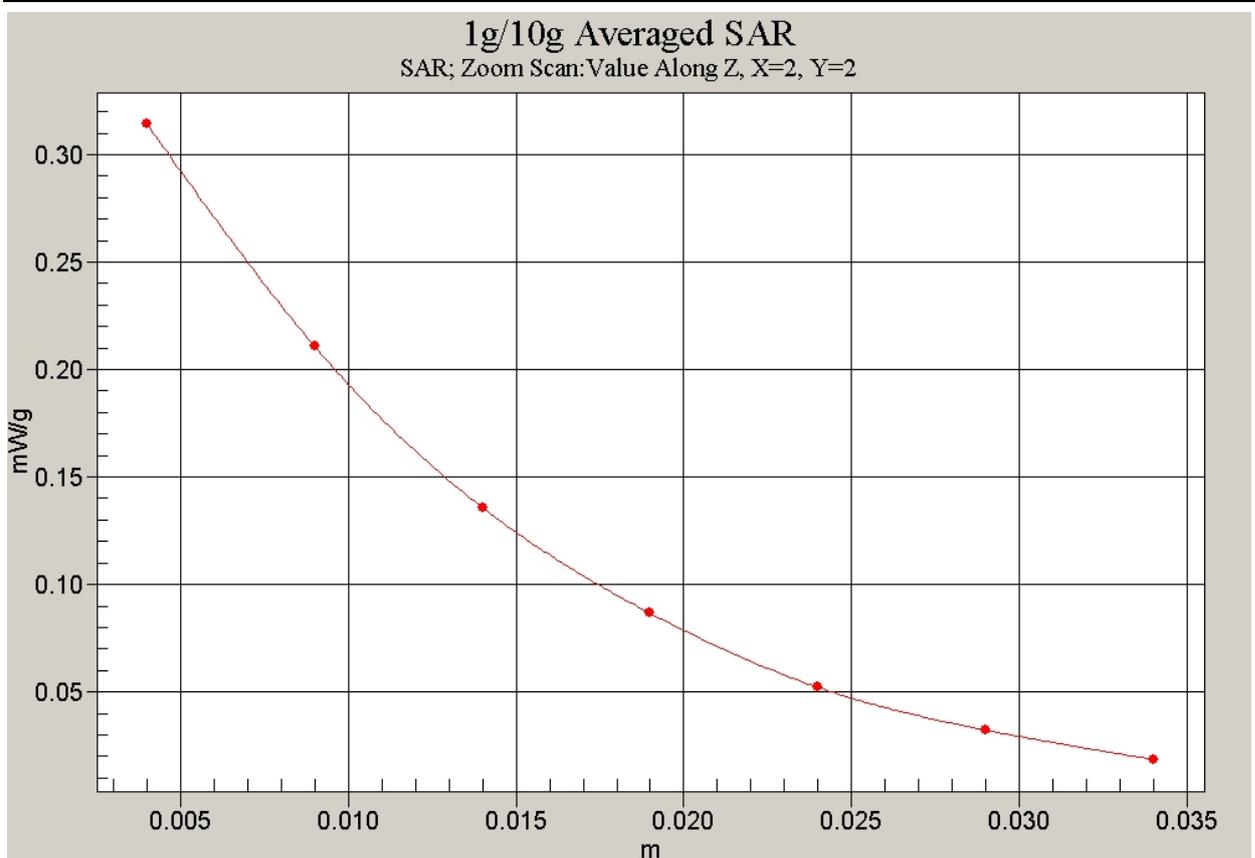


Fig. 88 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide down)

WCDMA 1900 Right Cheek Middle-slide down

Date/Time: 2008-3-22 14:12:12

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

Cheek Middle/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.350 mW/g

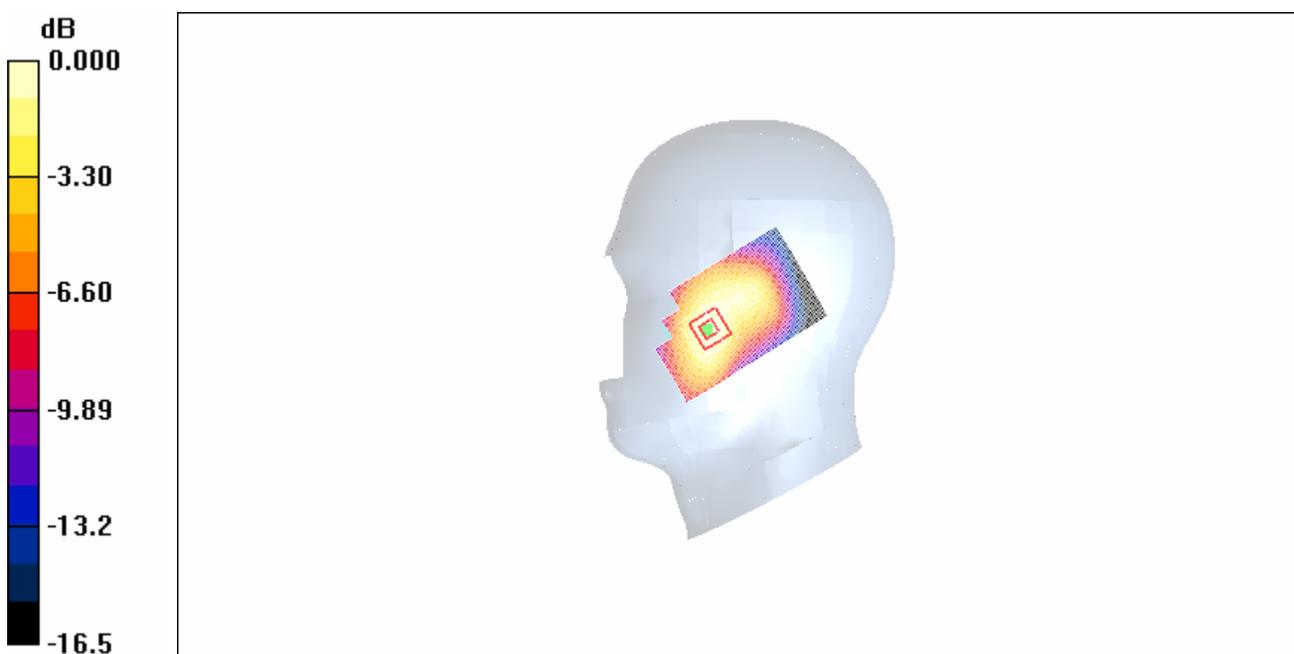
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.74 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.334mW/g

Fig.89 Right Hand Touch Cheek WCDMA 1900MHz CH9400 -slide down

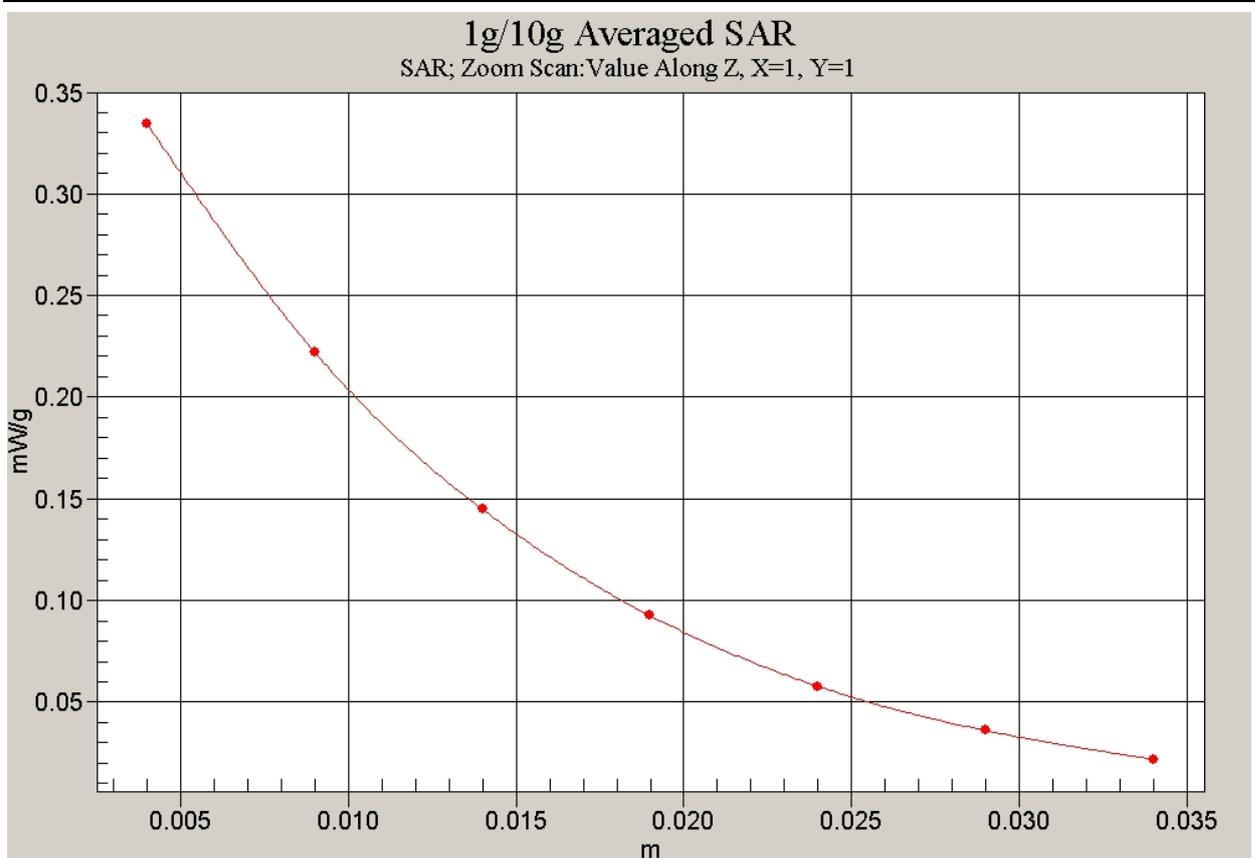


Fig. 90 Z-Scan at power reference point (WCDMA 1900MHz CH9400-slide down)

WCDMA 1900 Right Cheek Low-slide down

Date/Time: 2008-3-22 14:24:01

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.33$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ 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 – SN3142 ConvF(4.87, 4.87, 4.87)

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

Maximum value of SAR (interpolated) = 0.402 mW/g

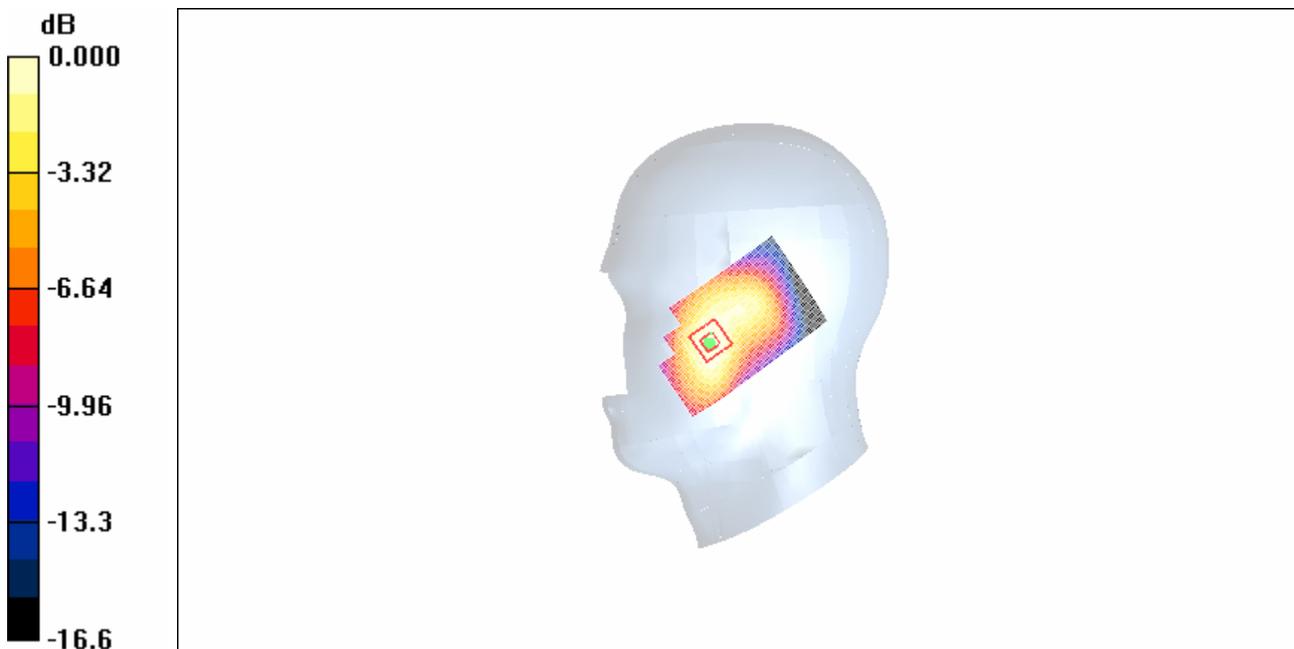
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.25 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.377mW/g

Fig. 91 Right Hand Touch Cheek WCDMA 1900MHz CH9262-slide down

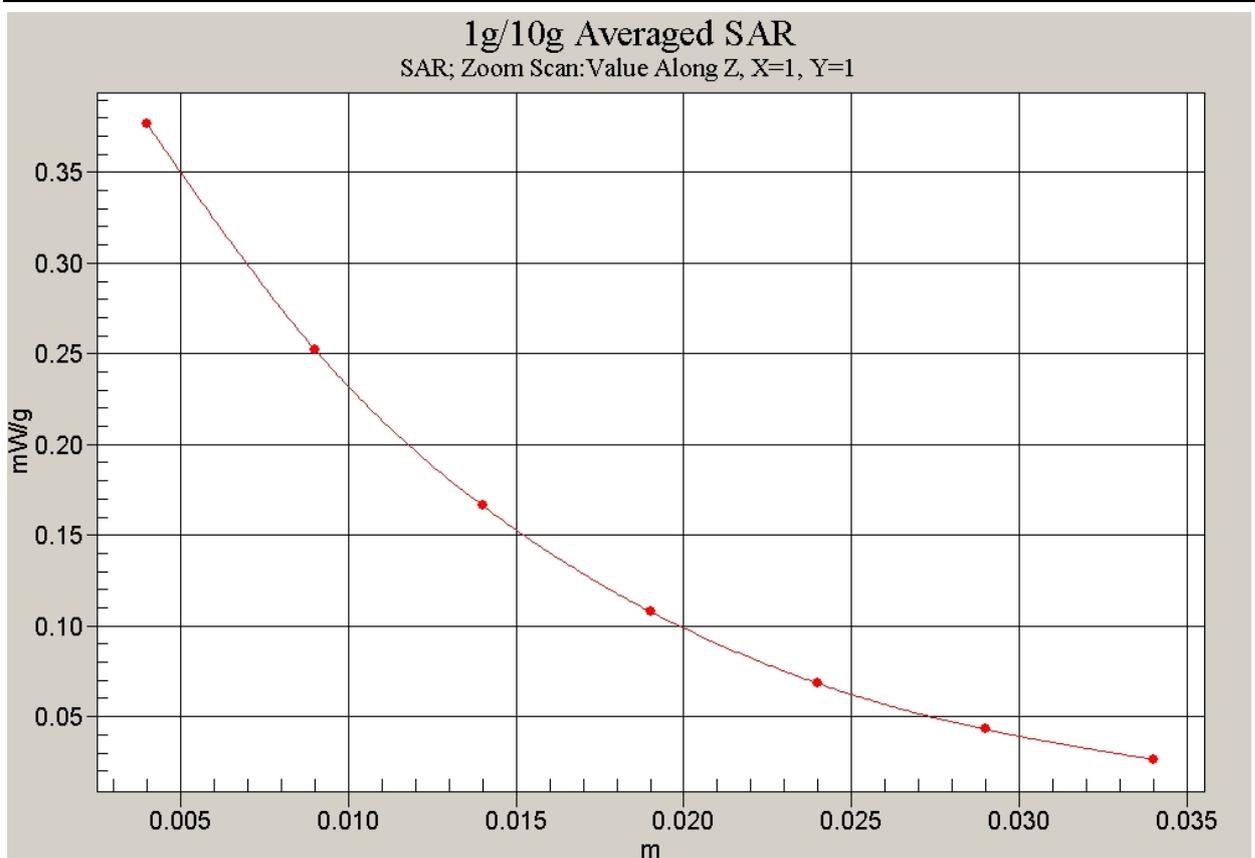


Fig. 92 Z-Scan at power reference point (WCDMA 1900MHz CH9262-slide down)