

WCDMA 1900 Right Tilt High-slide down

Date/Time: 2008-3-22 14:55:09

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) = 0.335 mW/g

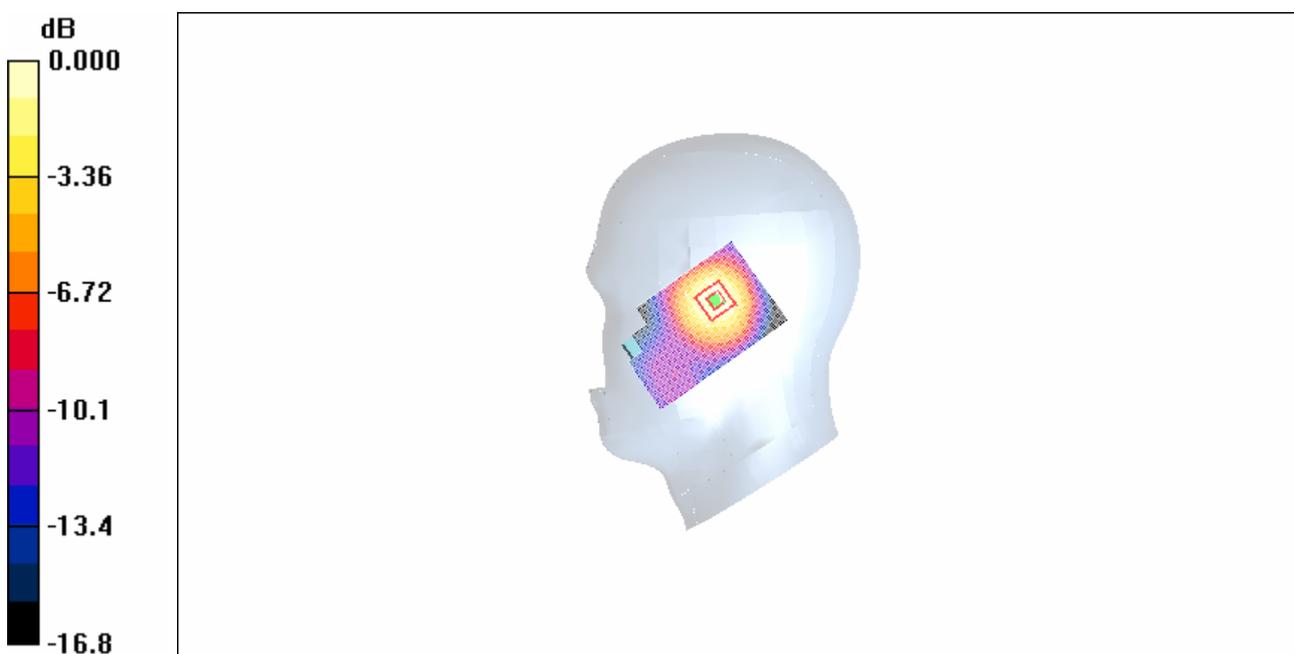
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.304 mW/g



0 dB = 0.304mW/g

Fig. 93 Right Hand Tilt 15°WCDMA 1900MHz CH9538-slide down

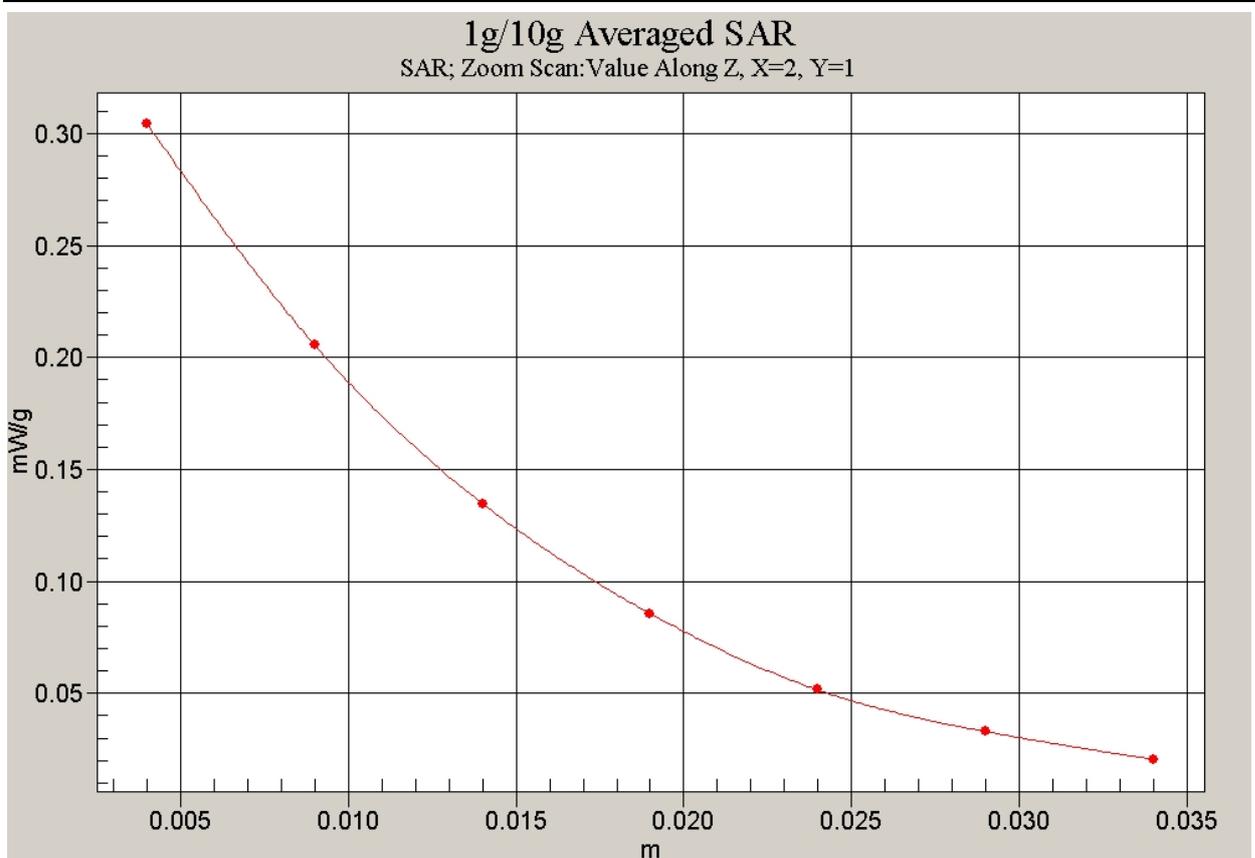


Fig. 94 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide down)

WCDMA 1900 Right Tilt Middle-slide down

Date/Time: 2008-3-22 14:44:59

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) = 0.331 mW/g

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

Reference Value = 11.0 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.173 mW/g

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



0 dB = 0.289mW/g

Fig. 95 Right Hand Tilt 15°WCDMA 1900MHz CH9400-slide down

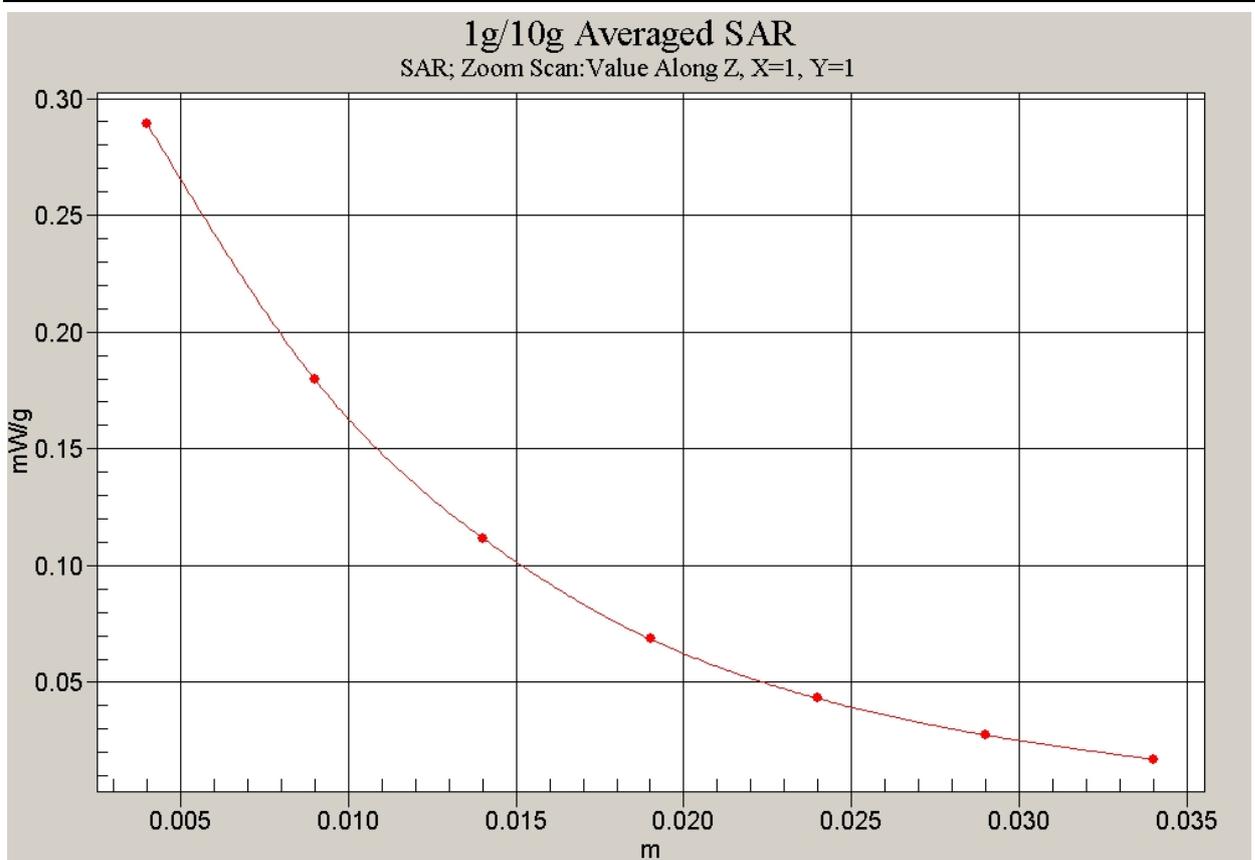


Fig. 96 Z-Scan at power reference point (WCDMA 1900MHz CH9400-slide down)

WCDMA 1900 Right Tilt Low-slide down

Date/Time: 2008-3-22 14:34:54

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) = 0.342 mW/g

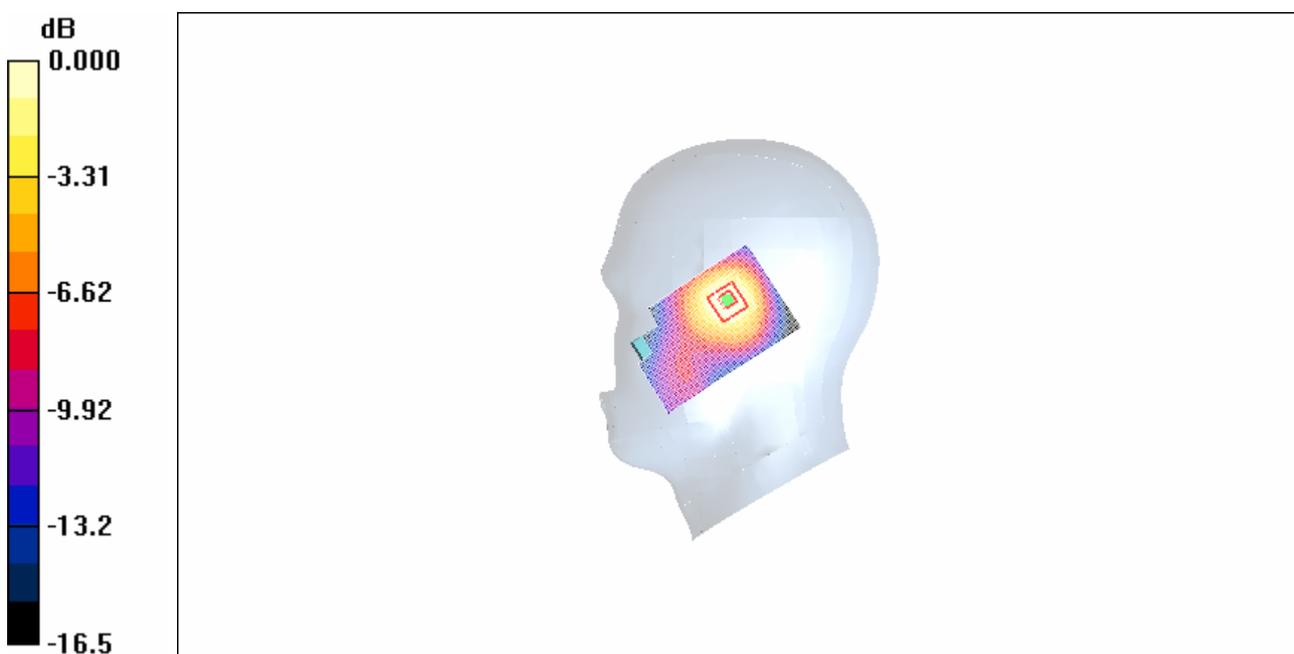
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.301 mW/g

**Fig. 97 Right Hand Tilt 15°WCDMA 1900MHz CH9262-slide down**

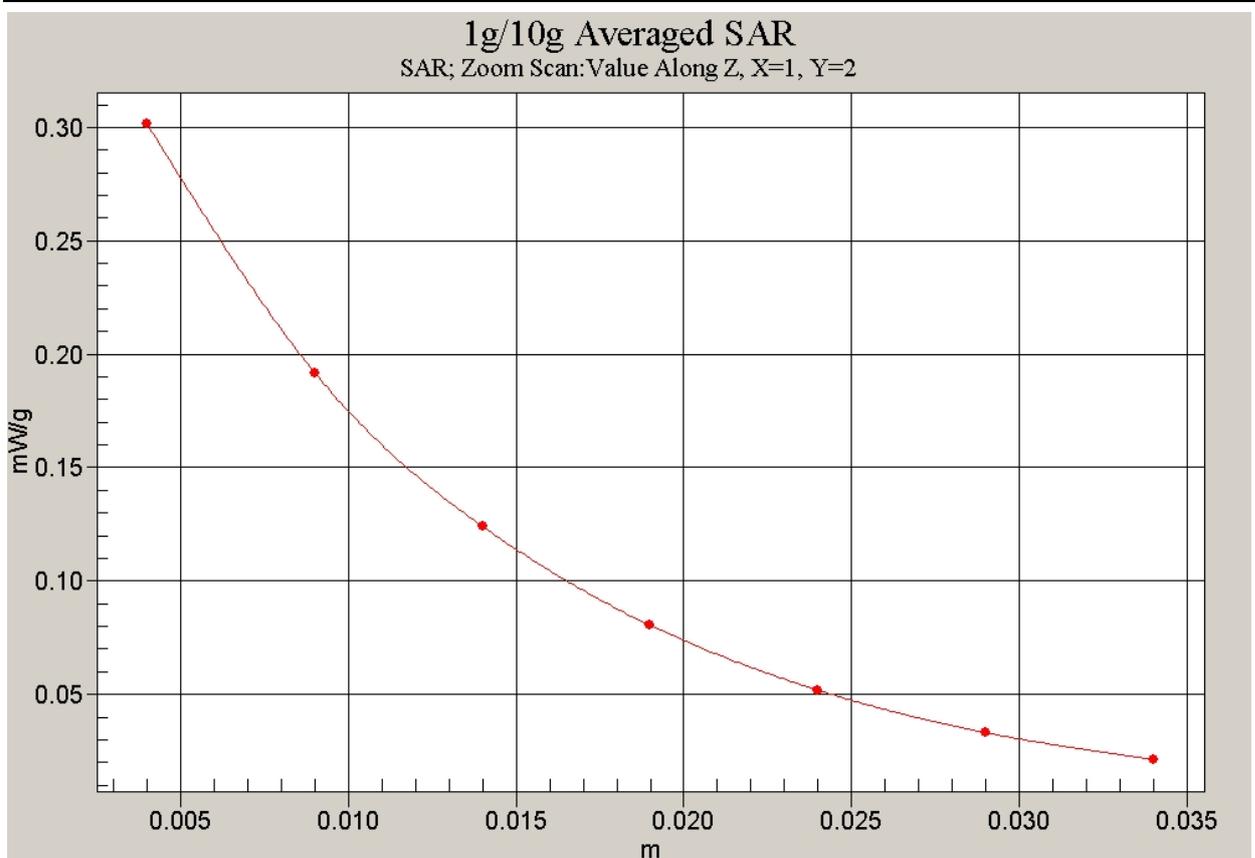


Fig. 98 Z-Scan at power reference point (WCDMA 1900MHz CH9262-slide down)

WCDMA 1900 Left Cheek High-slide up

Date/Time: 2008-3-22 15:20:23

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

Maximum value of SAR (interpolated) = 0.673 mW/g

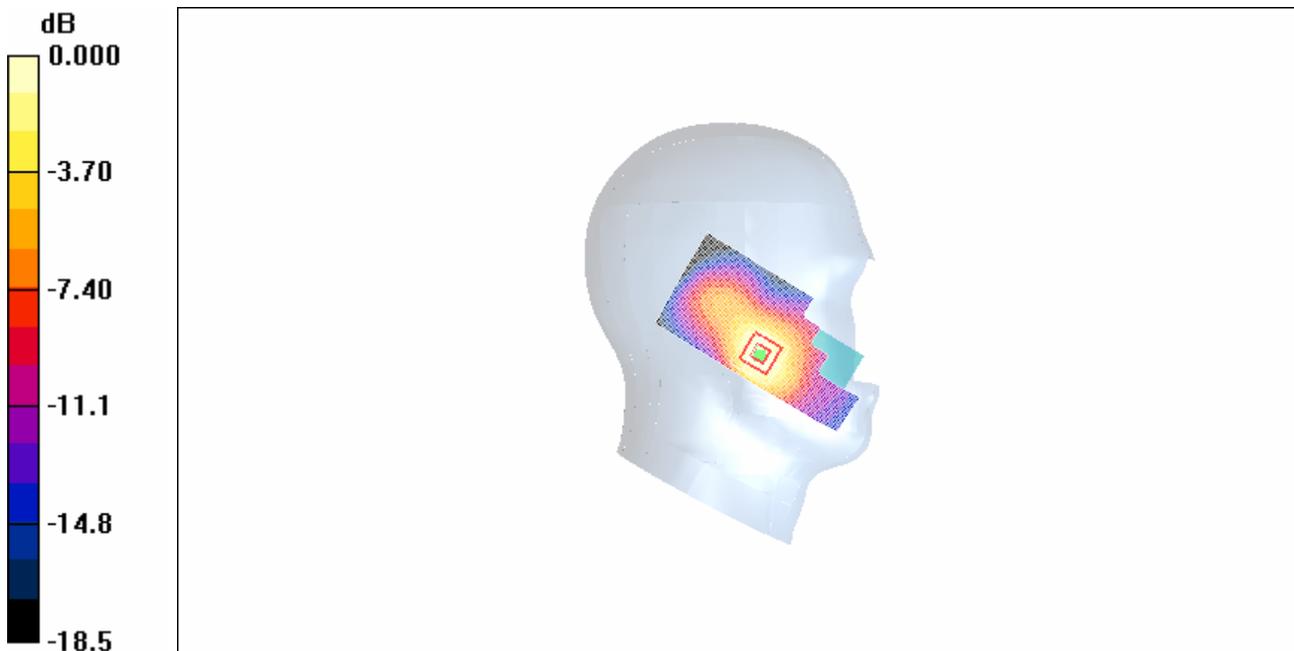
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.84 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.623 mW/g



0 dB = 0.623mW/g

Fig. 99 Left Hand Touch Cheek WCDMA 1900MHz CH9538-slide up

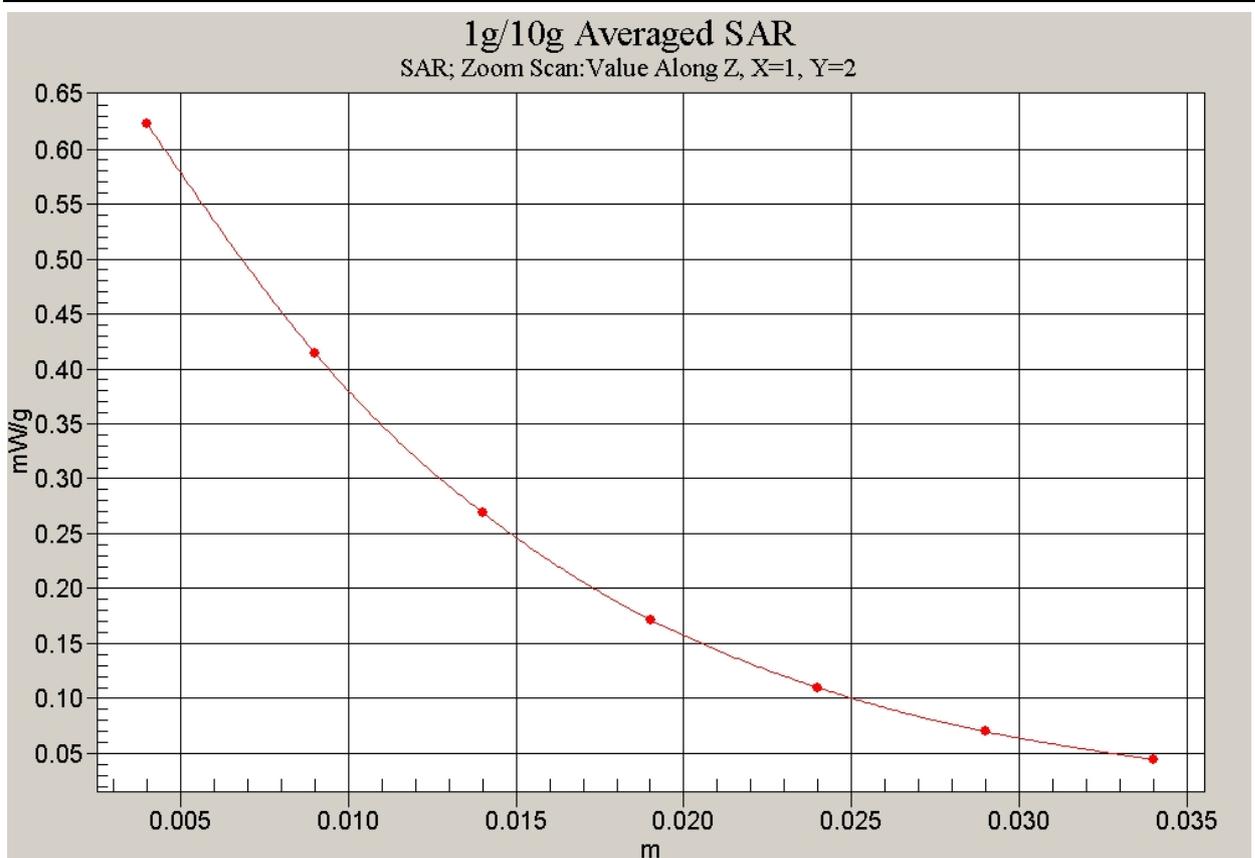


Fig. 100 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide up)

WCDMA 1900 Left Cheek Middle-slide up

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

Maximum value of SAR (interpolated) = 0.699 mW/g

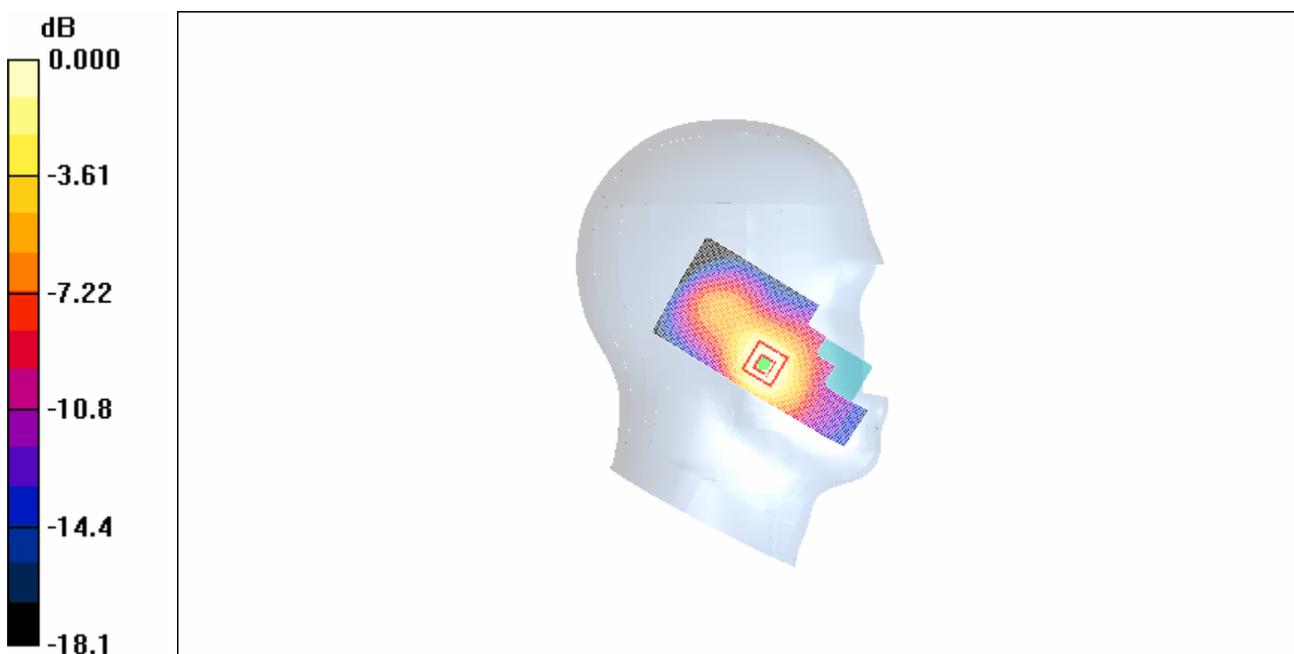
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.20 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.624 mW/g



0 dB = 0.624mW/g

Fig. 101 Left Hand Touch Cheek WCDMA 1900MHz CH9400-slide up

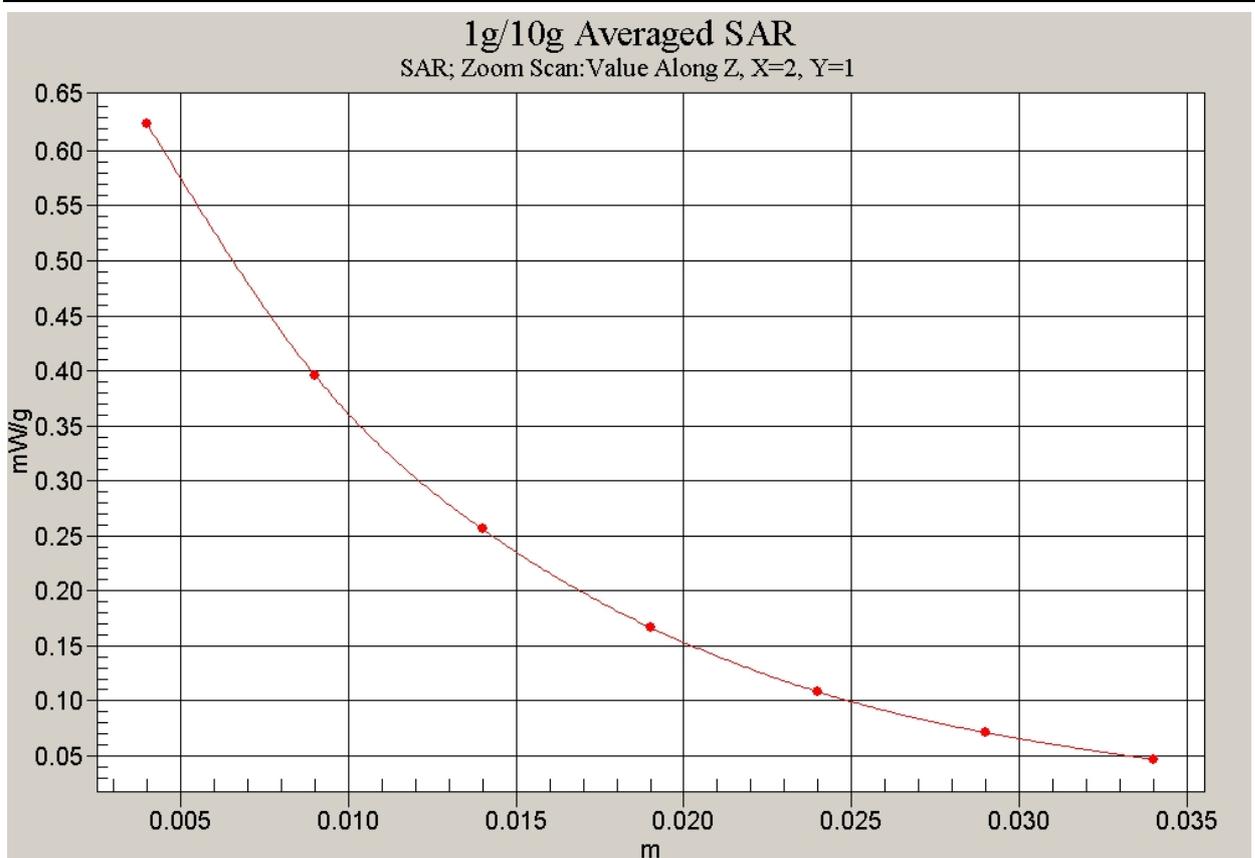


Fig. 102 Z-Scan at power reference point (WCDMA 1900MHz CH9400-slide up)

WCDMA 1900 Left Cheek Low-slide up

Date/Time: 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)

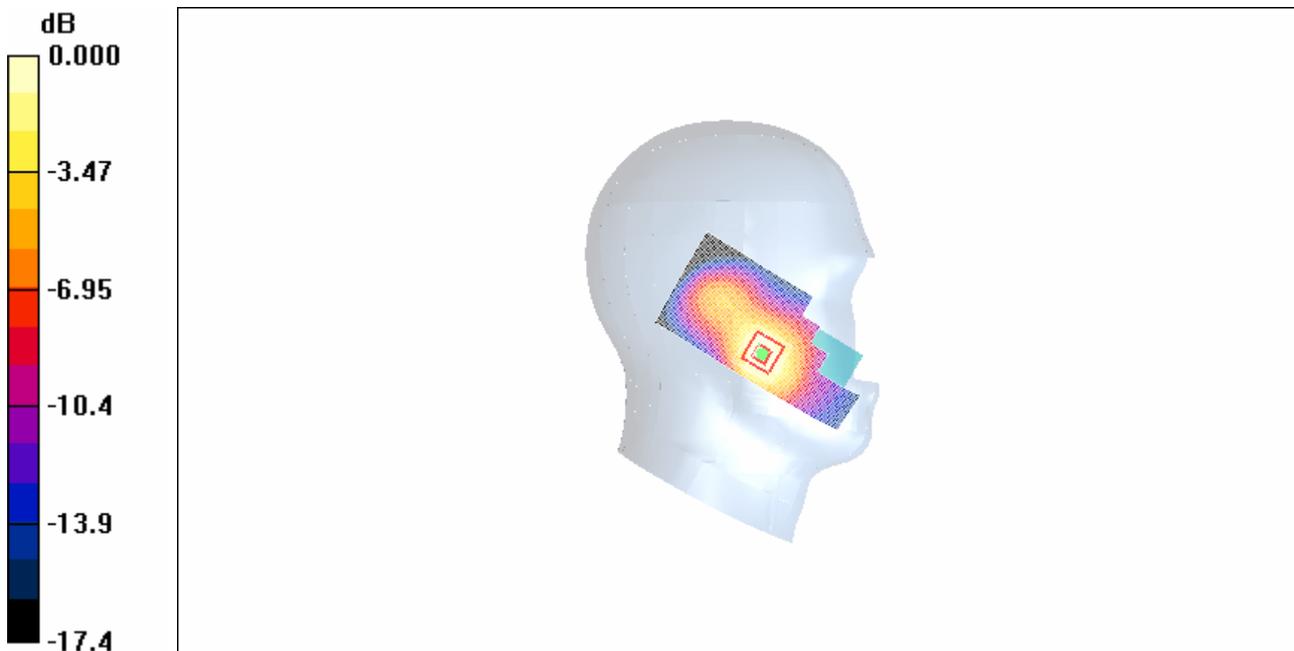
Cheek Low/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.776 mW/g**Cheek Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.18 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.695 mW/g

**Fig. 103 Left Hand Touch Cheek WCDMA 1900MHz CH9262-slide up**

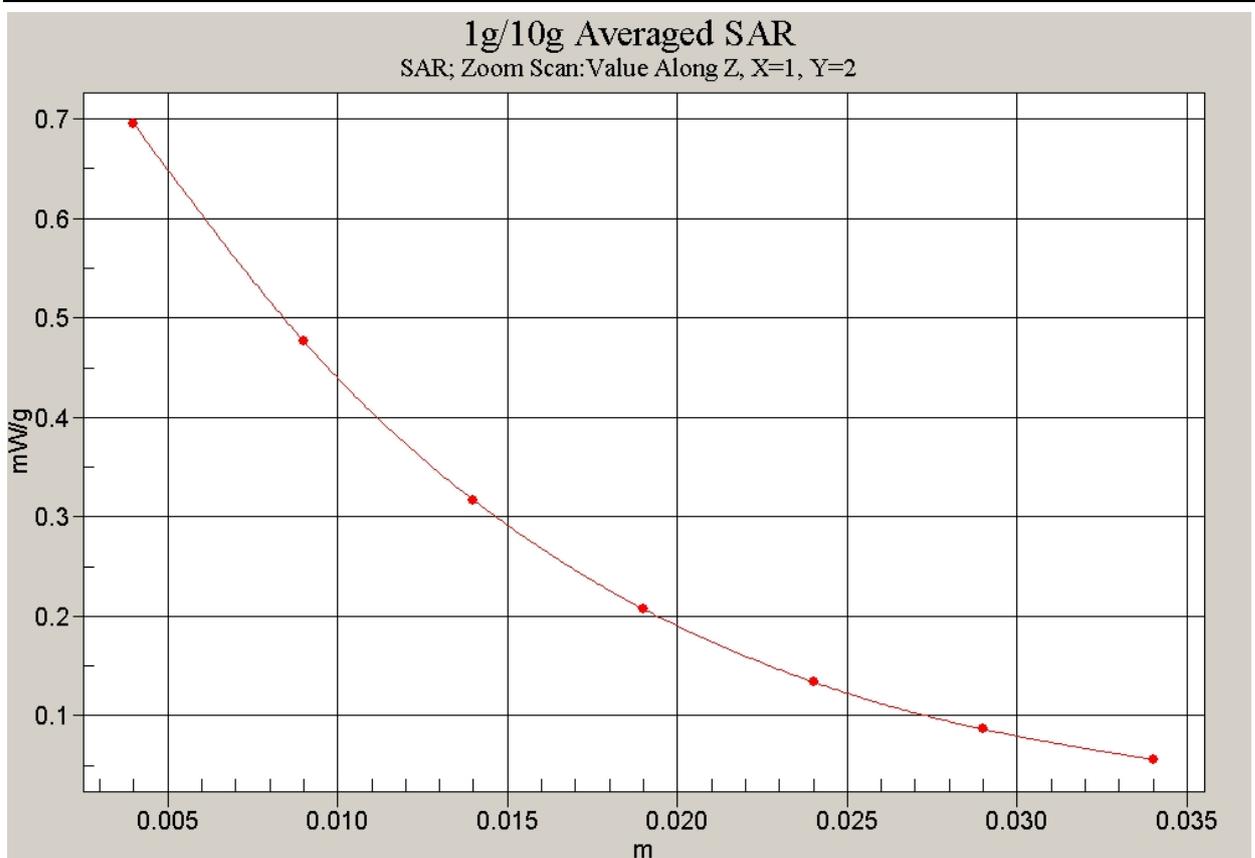


Fig. 104 Z-Scan at power reference point (WCDMA 1900MHz CH9262-slide up)

WCDMA 1900 Left Tilt High-slide up

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

Maximum value of SAR (interpolated) = 0.365 mW/g

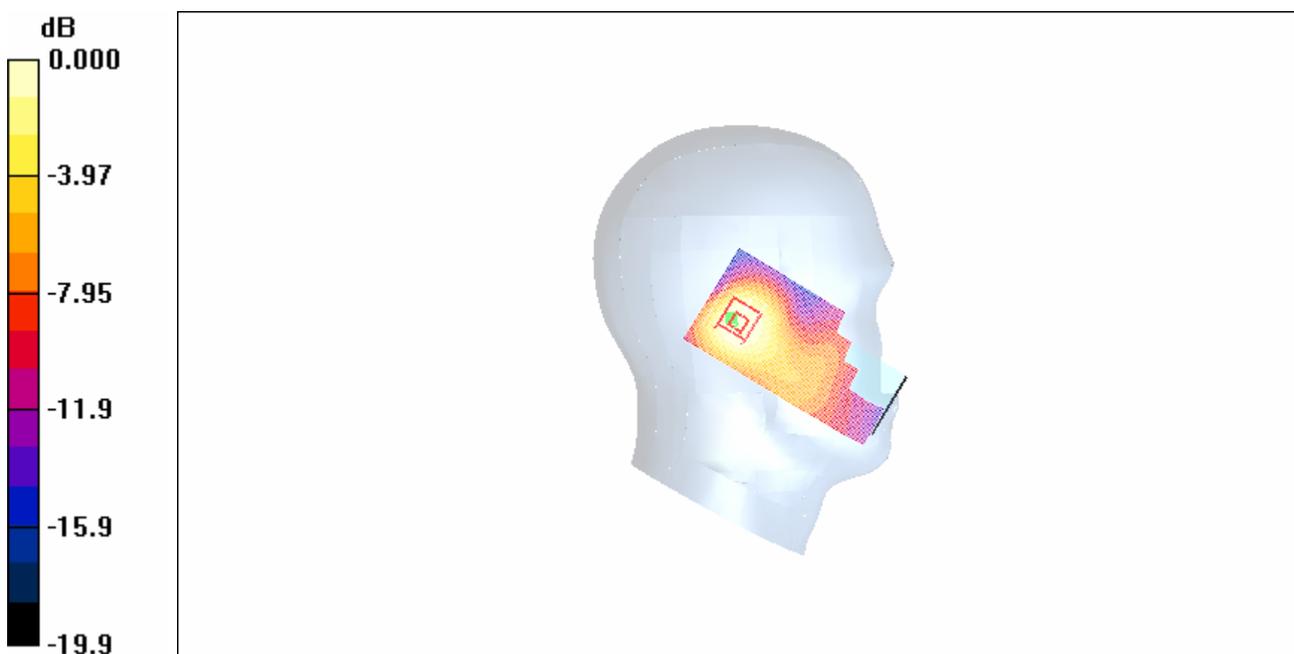
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.315mW/g

Fig. 105 Left Hand Tilt 15° WCDMA 1900MHz CH9538-slide up

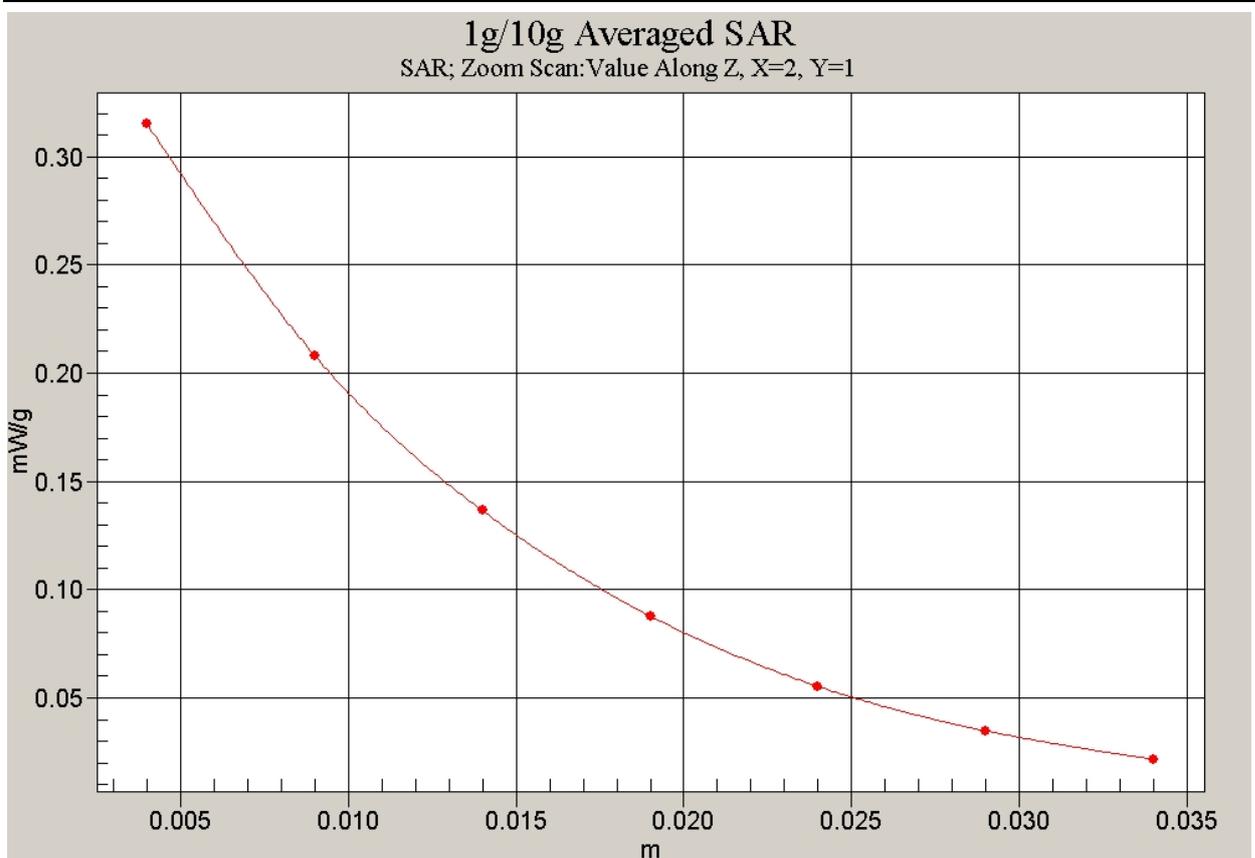


Fig. 106 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide up)

WCDMA 1900 Left Tilt Middle-slide up

Date/Time: 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 (51x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.320 mW/g

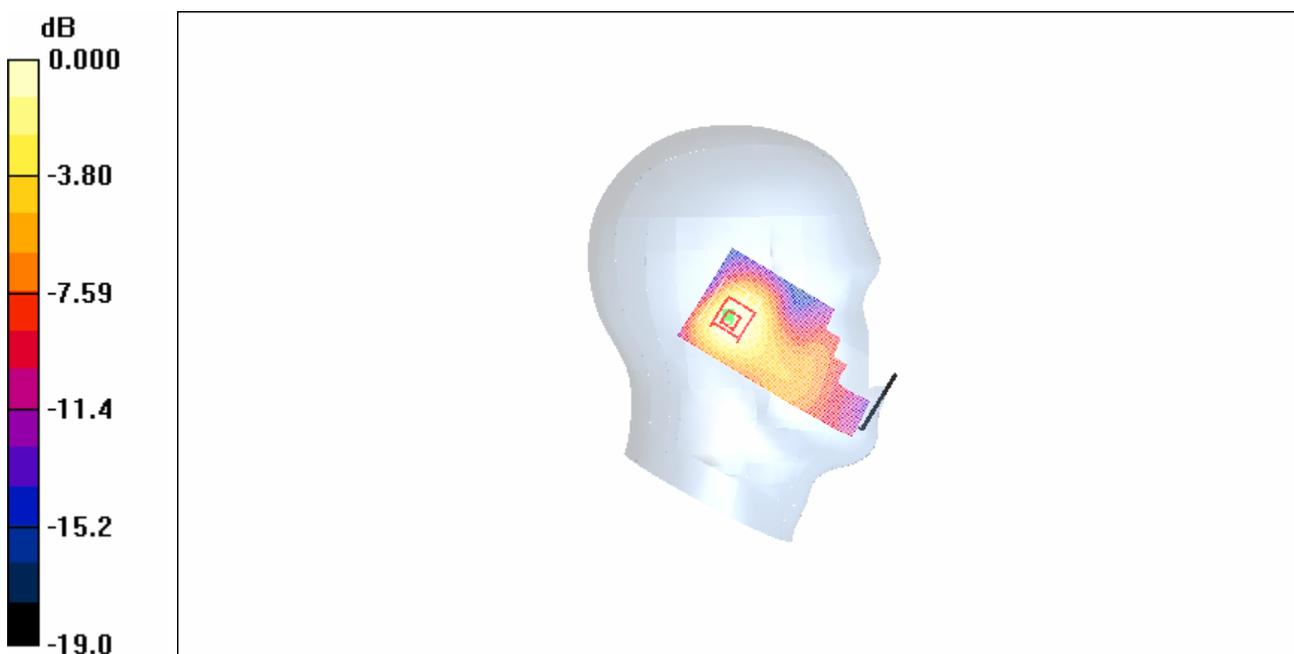
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.172 mW/g

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



0 dB = 0.295mW/g

Fig. 107 Left Hand Tilt 15°WCDMA 1900MHz CH9400-slide up

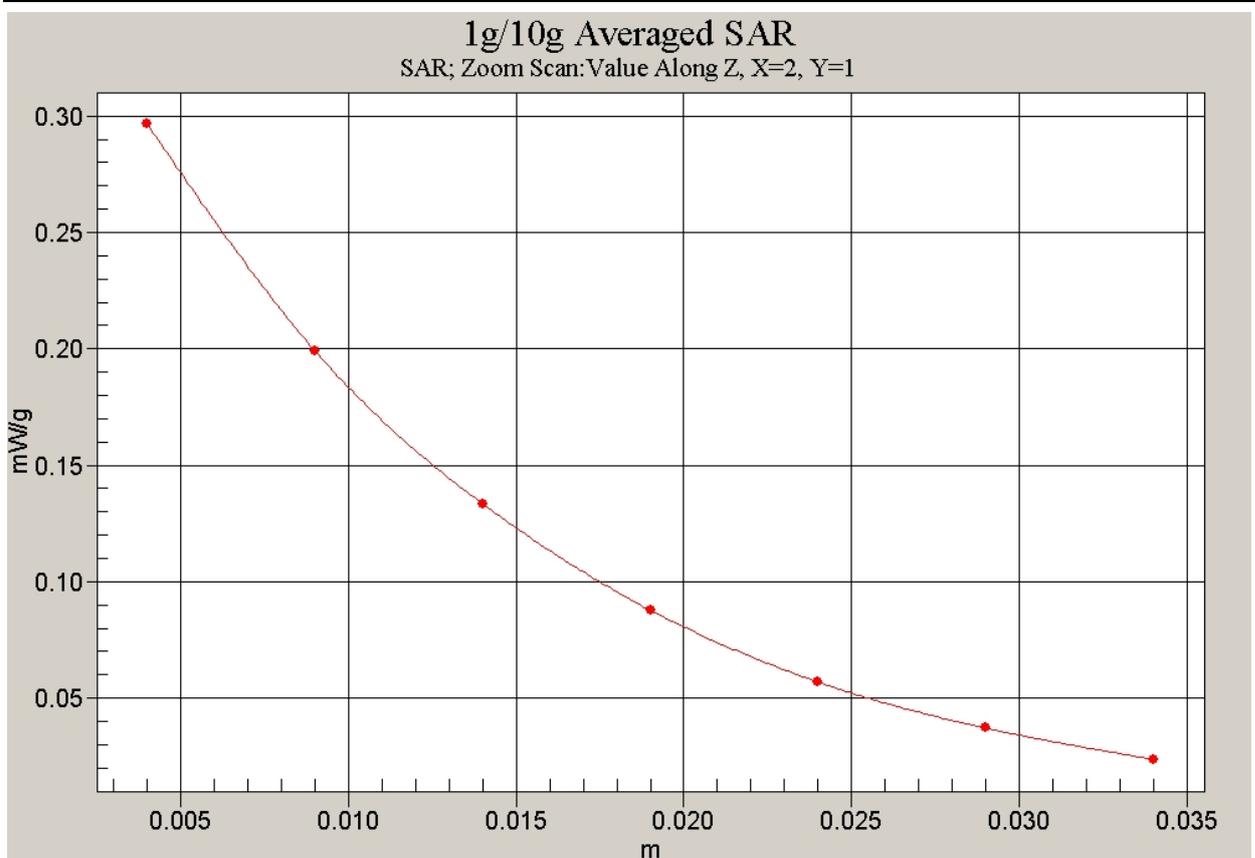


Fig. 108 Z-Scan at power reference point (WCDMA 1900MHz CH9400-slide up)

WCDMA 1900 Left Tilt Low-slide up

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

Maximum value of SAR (interpolated) = 0.401 mW/g

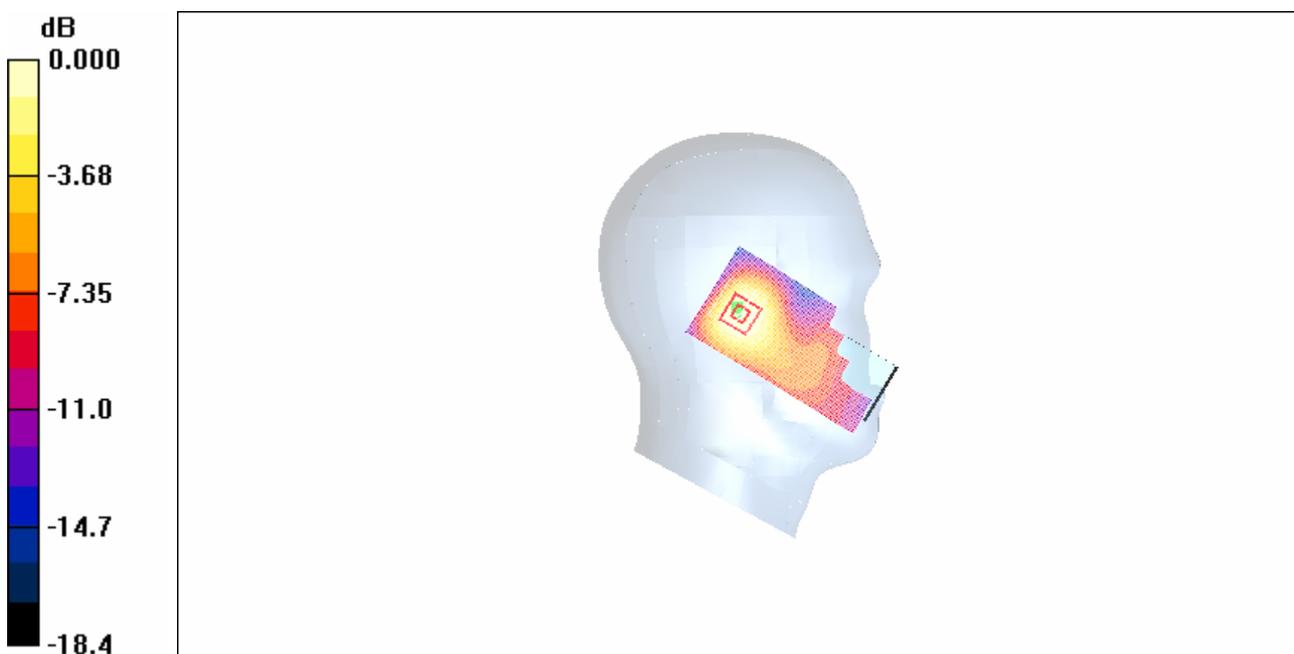
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.206 mW/g

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



0 dB = 0.348mW/g

Fig. 109 Left Hand Tilt 15° WCDMA 1900MHz CH9262-slide up

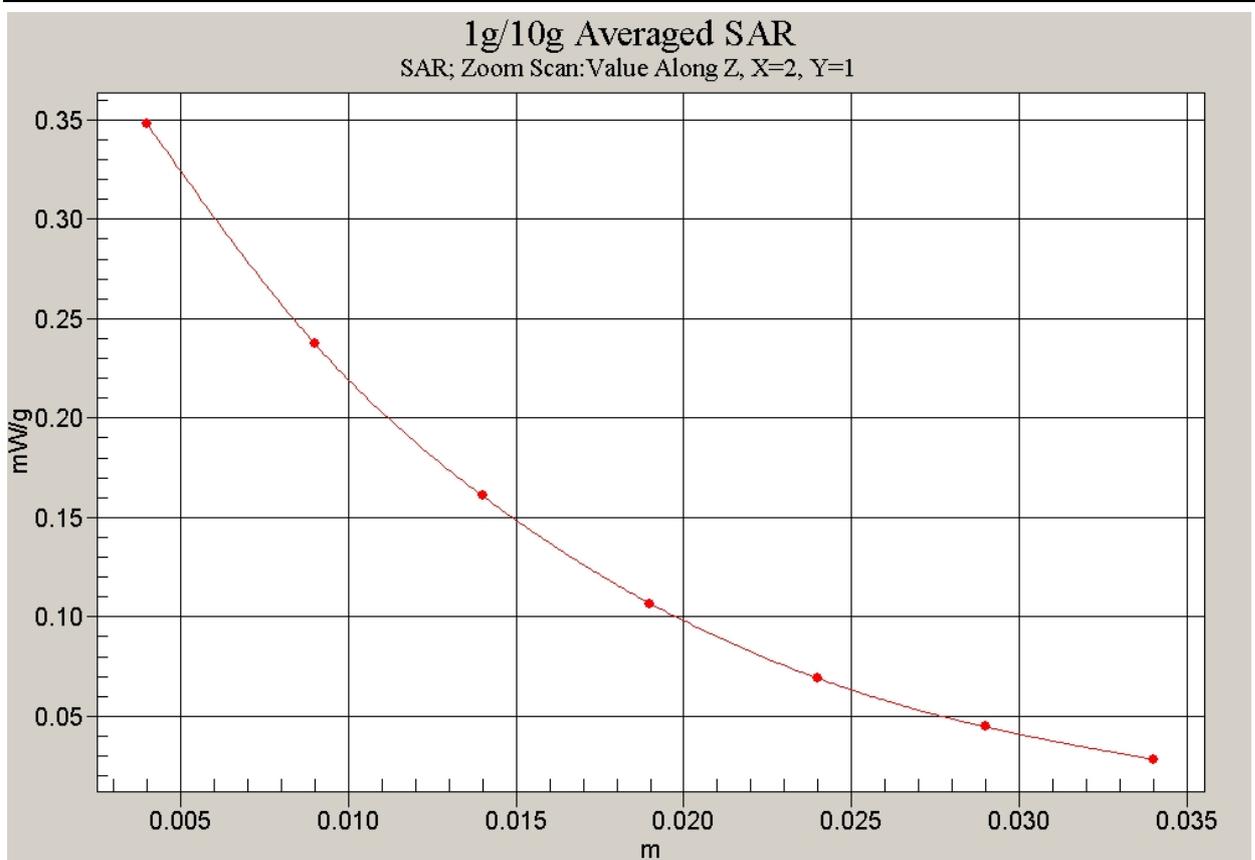


Fig. 110 Z-Scan at power reference point (WCDMA 1900MHz CH9262-slide up)

WCDMA 1900 Right Cheek High-slide up

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

Maximum value of SAR (interpolated) = 0.428 mW/g

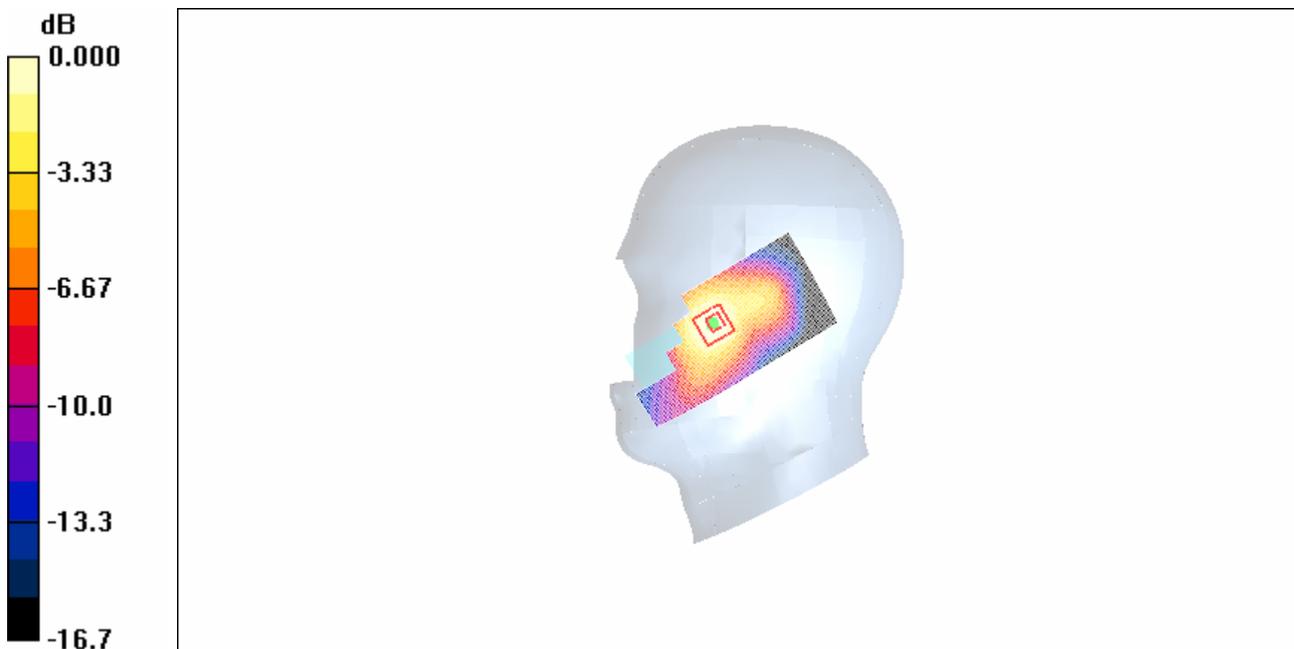
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.04 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.417 mW/g



0 dB = 0.417mW/g

Fig. 111 Right Hand Touch Cheek WCDMA 1900MHz CH9538 -slide up

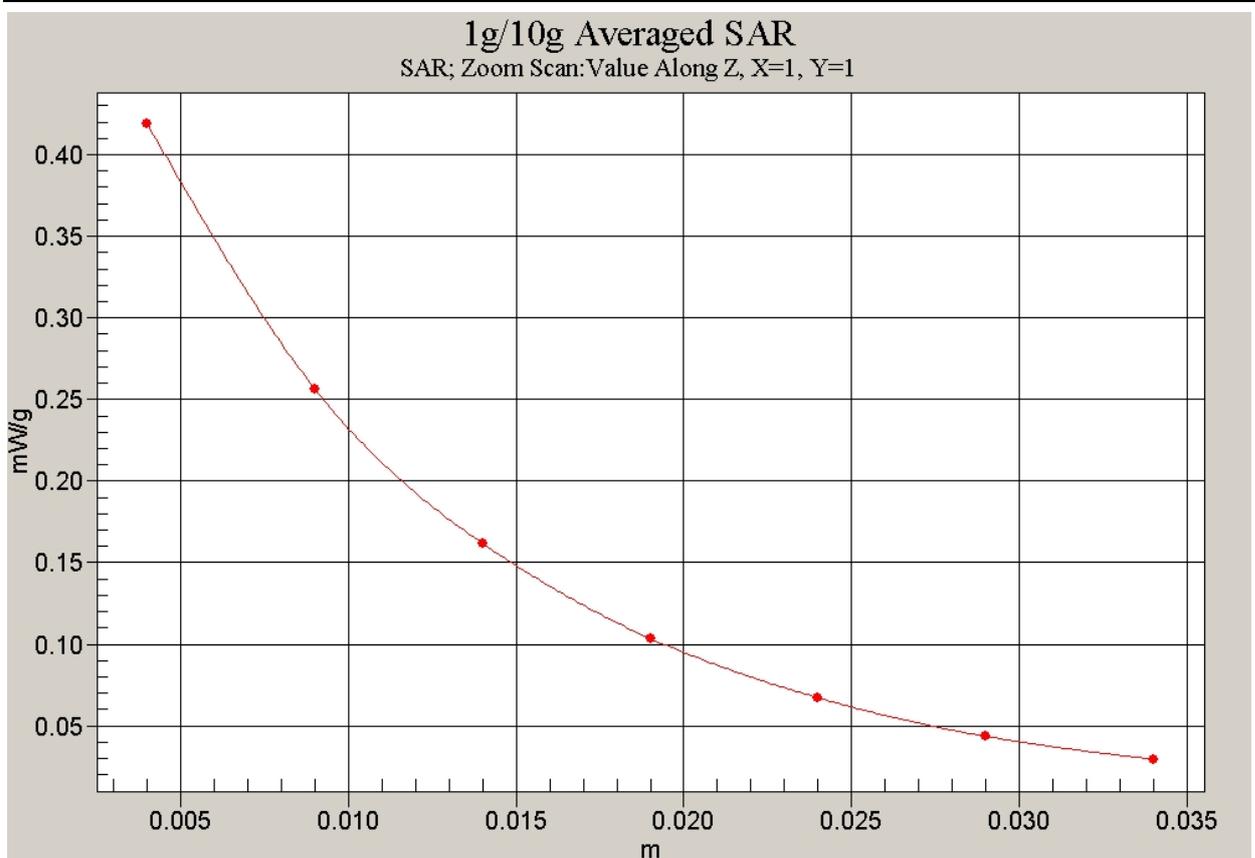


Fig. 112 Z-Scan at power reference point (WCDMA 1900MHz CH9538-slide up)