

WCDMA 850 Body Toward Phantom Middle

Date/Time: 2009-3-2 10:26:21

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.99$ 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)

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

Maximum value of SAR (interpolated) = 0.235 mW/g

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

Reference Value = 14.6 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

Fig. 21 WCDMA850 MHz, Body, Towards Phantom, CH4182

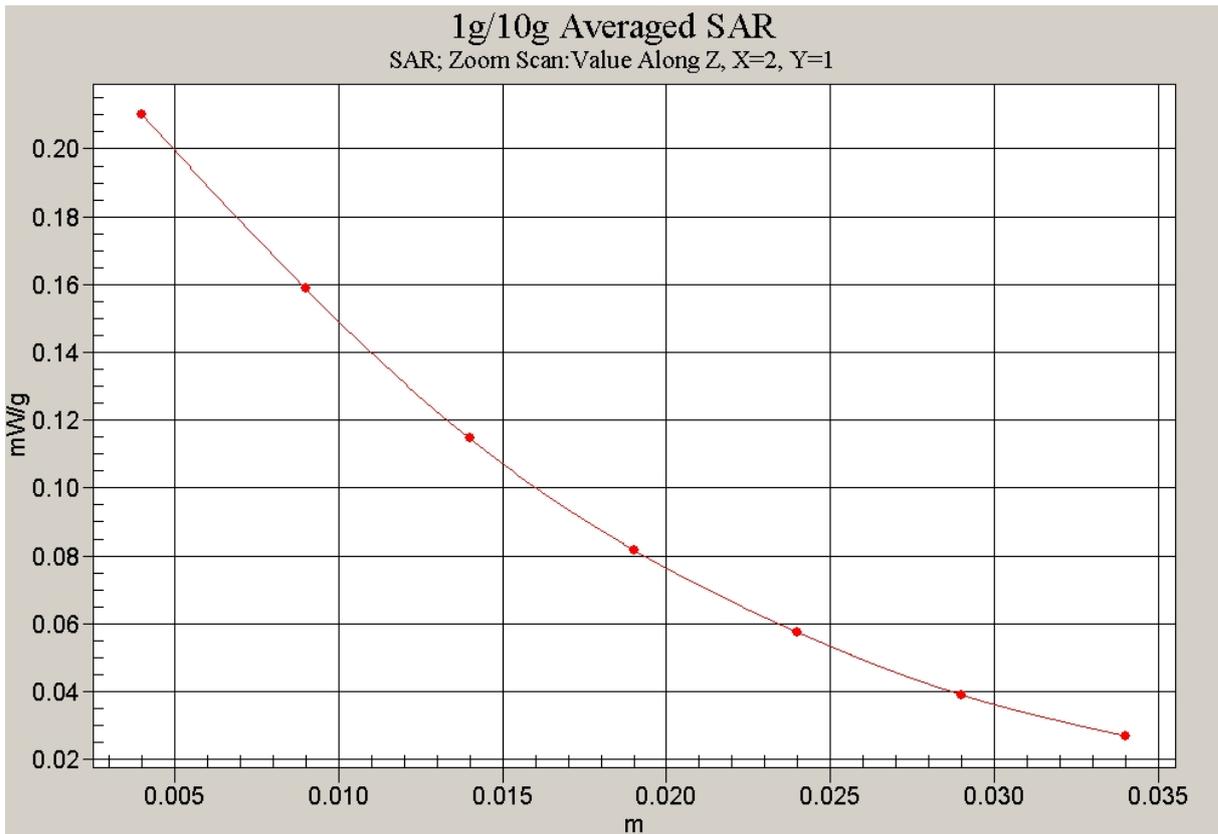


Fig. 22 Z-Scan at power reference point(WCDMA850 MHz, Body, Towards Phantom,CH4182)

WCDMA 850 Body Toward Phantom Low

Date/Time: 2009-3-2 10:40:42

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.975$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 850 Frequency: 826.4 MHz Duty Cycle: 1:1

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

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

Maximum value of SAR (interpolated) = 0.291 mW/g

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

Reference Value = 15.8 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.139 mW/g

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



0 dB = 0.244mW/g

Fig. 23 WCDMA850 MHz, Body, Towards Phantom, CH4132

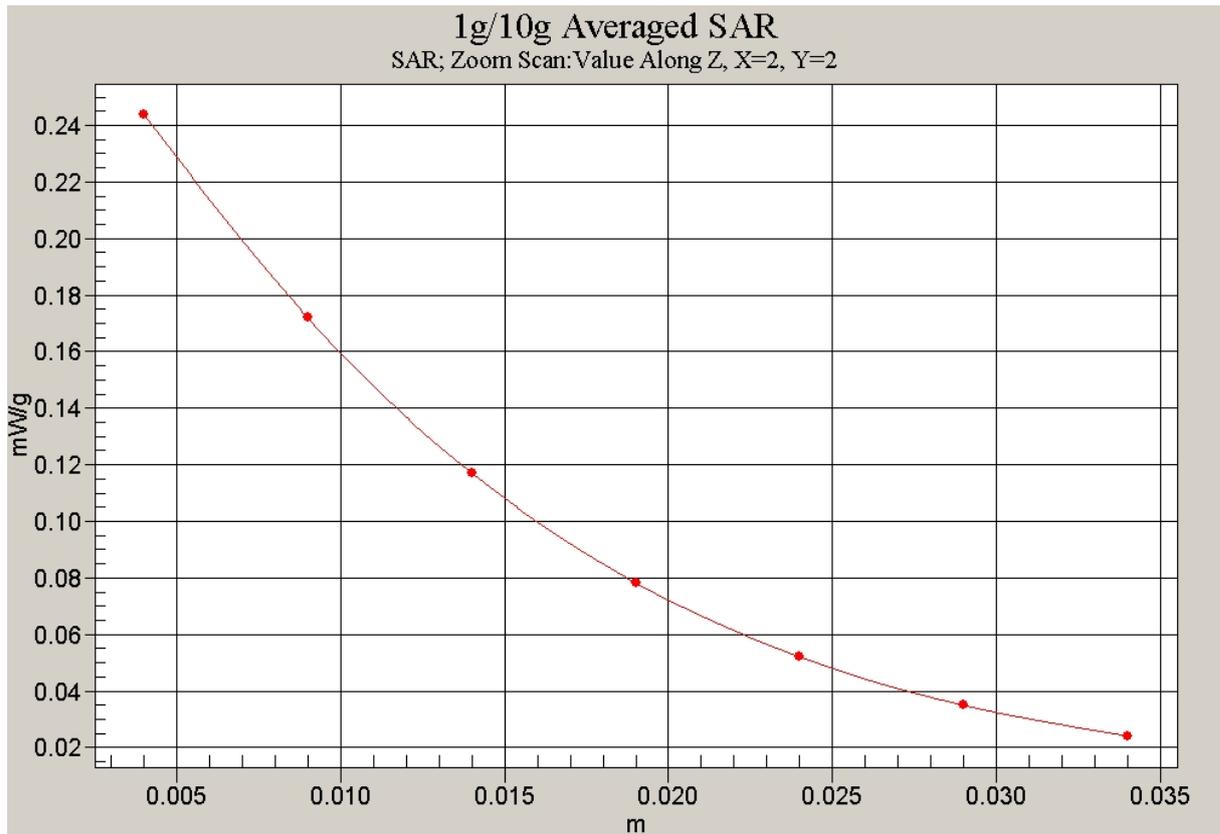


Fig. 24 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Phantom, CH4132)

WCDMA 850 Body Toward Ground High with HSDPA

Date/Time: 2009-3-2 10:54:07

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:2

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

Toward Ground High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.714 mW/g

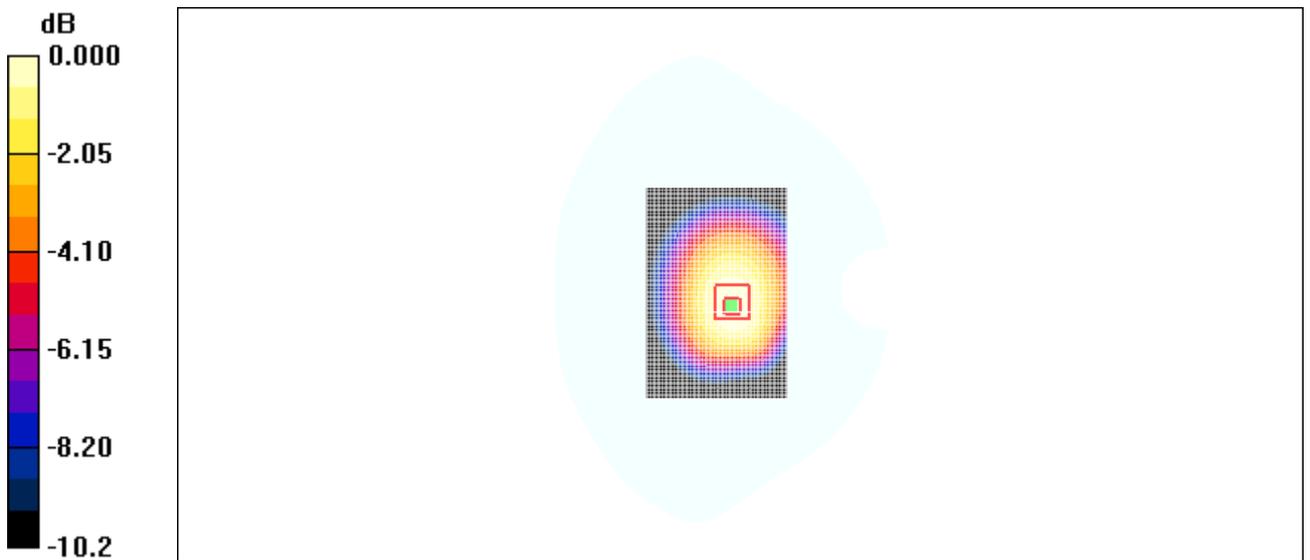
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.490 mW/g

Maximum value of SAR (measured) = 0.718 mW/g



0 dB = 0.718mW/g

Fig. 25 WCDMA850 MHz, Body, Towards Ground, CH4233

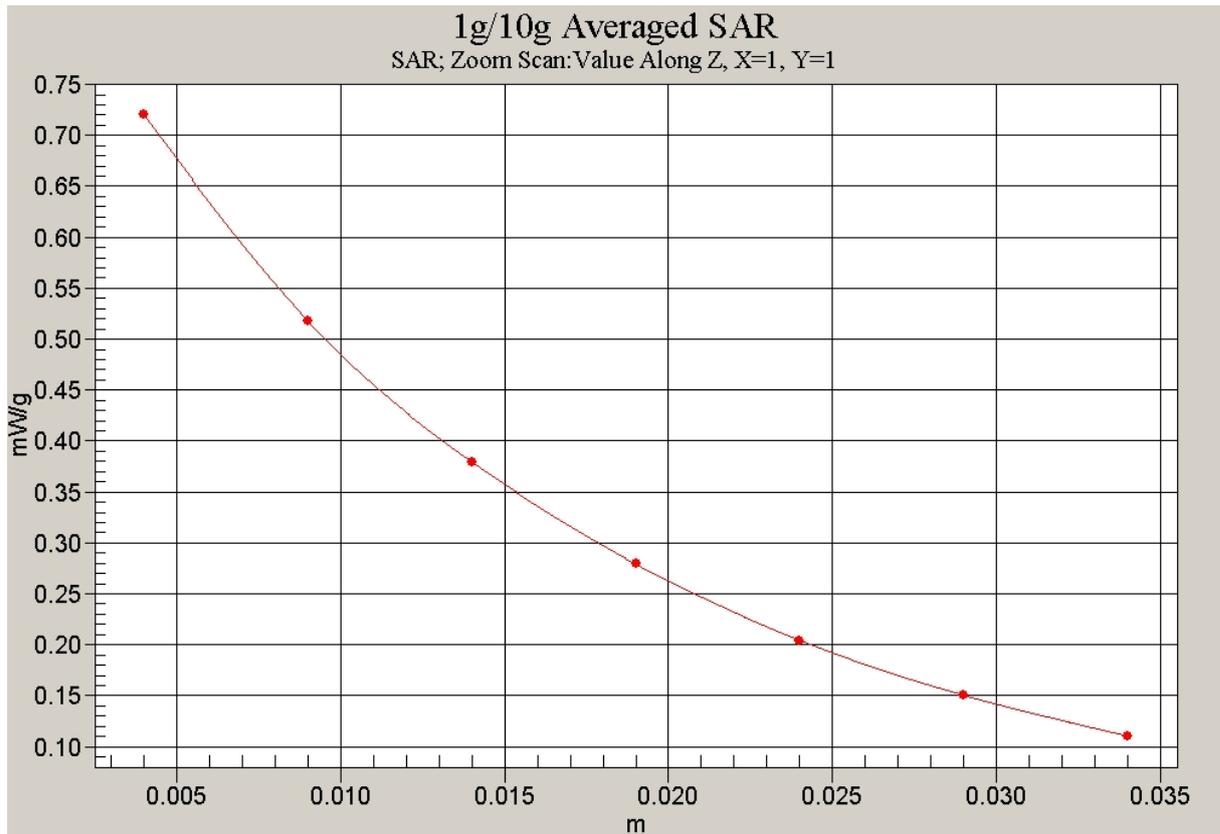


Fig. 26 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233)

WCDMA 850 Body Toward Ground High with Headset

Date/Time: 2009-3-2 11:08:37

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: WCDMA 850 Frequency: 846.6 MHz Duty Cycle: 1:1

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

Towards Ground High with earphone/Area Scan (51x91x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.482 mW/g

Towards Ground High with earphone/Zoom Scan (7x7x7)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.8 V/m; Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

Fig. 27 WCDMA850 MHz, Body, Towards Ground, CH4233

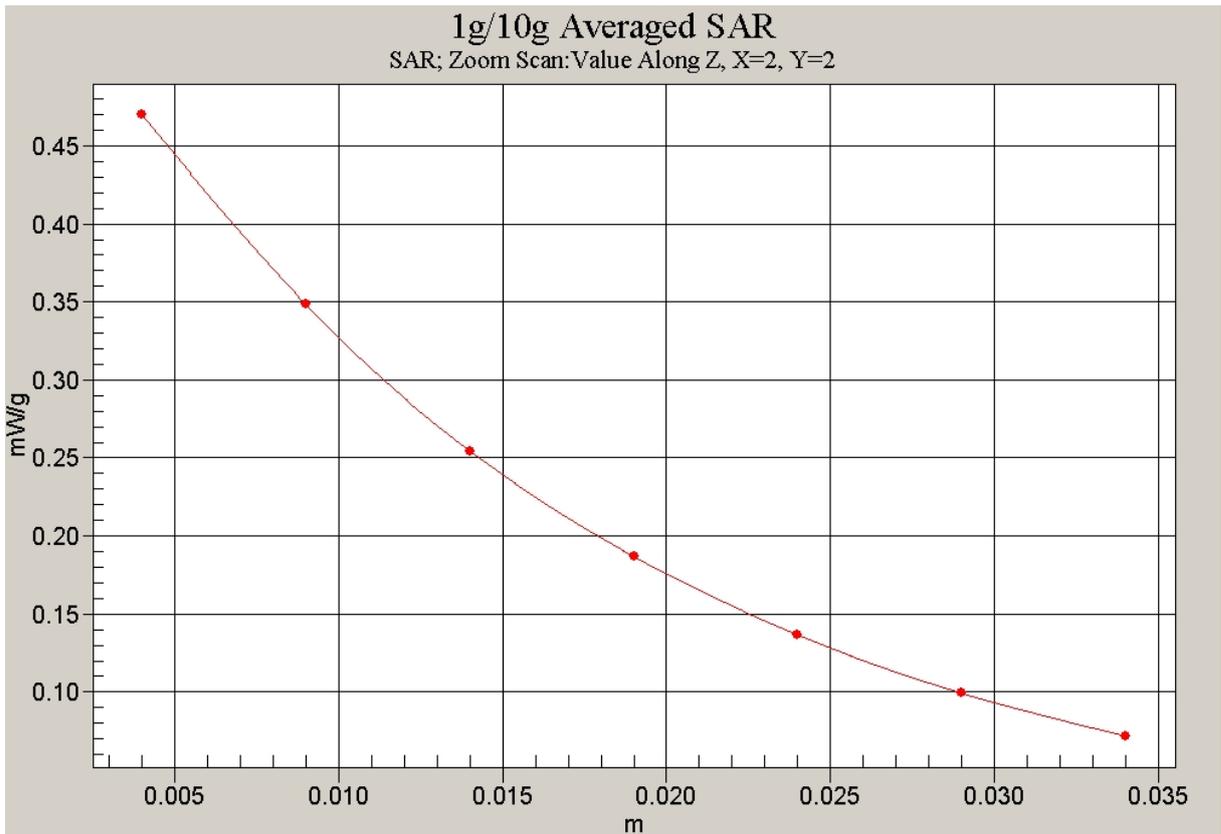


Fig. 28 Z-Scan at power reference point (WCDMA850 MHz, Body, Towards Ground, CH4233)

850 Left Cheek High

Date/Time: 2009-3-2 11:29:14

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.879 mW/g

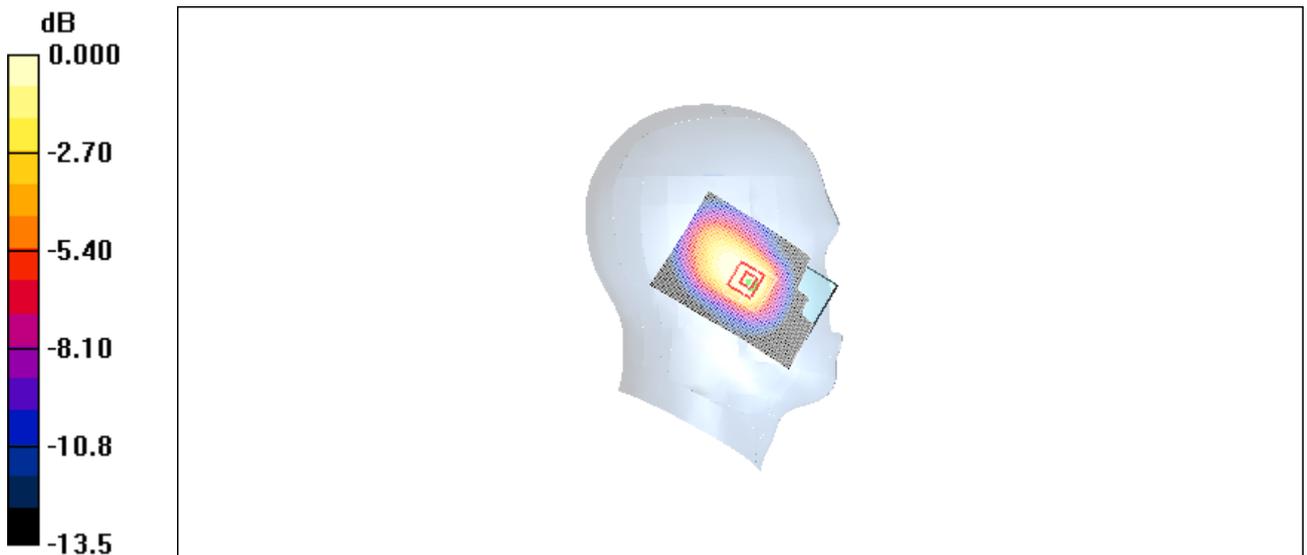
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 0.778 mW/g



0 dB = 0.778mW/g

Fig. 29 850MHz CH251

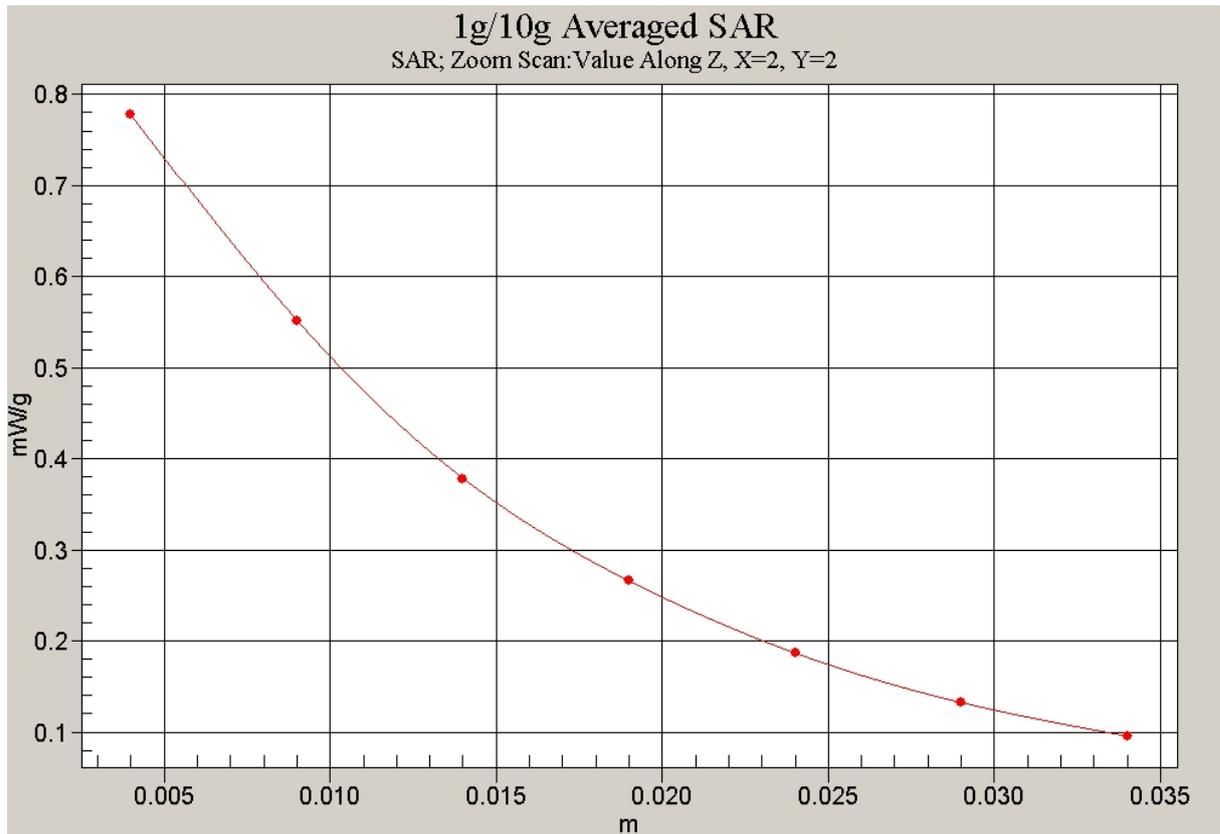


Fig. 30 Z-Scan at power reference point (850 MHz CH251)

850 Left Cheek Middle

Date/Time: 2009-3-2 11:43:51

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.945 mW/g

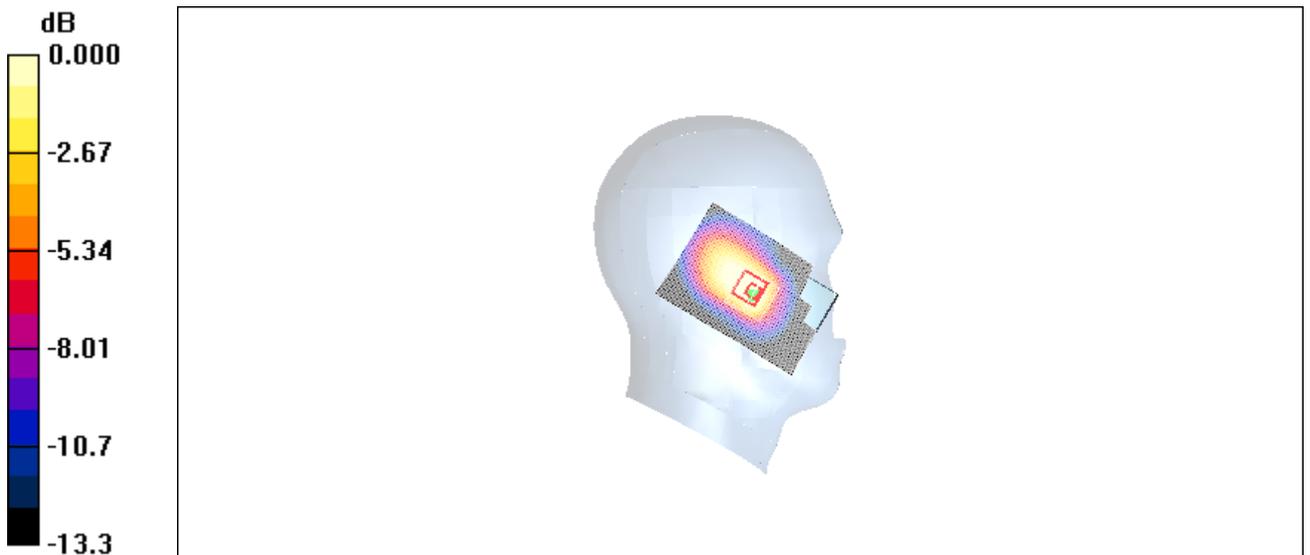
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.801 mW/g



0 dB = 0.801mW/g

Fig. 31 850 MHz CH190

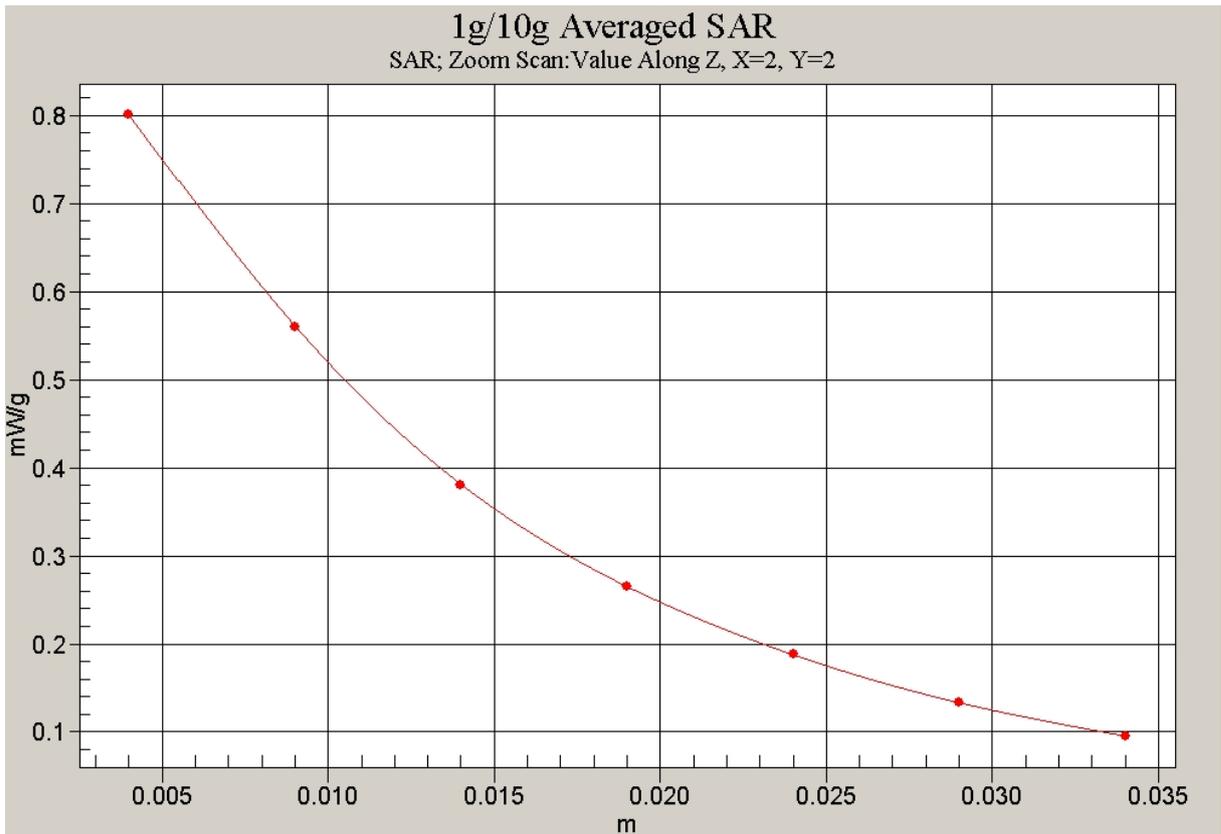


Fig. 32 Z-Scan at power reference point (850 MHz CH190)

850 Left Cheek Low

Date/Time: 2009-3-2 11:57:22

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used: $f = 825$ MHz; $\sigma = 0.896$ 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: 824.2 MHz Duty Cycle: 1:8.3

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

Cheek Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.804 mW/g

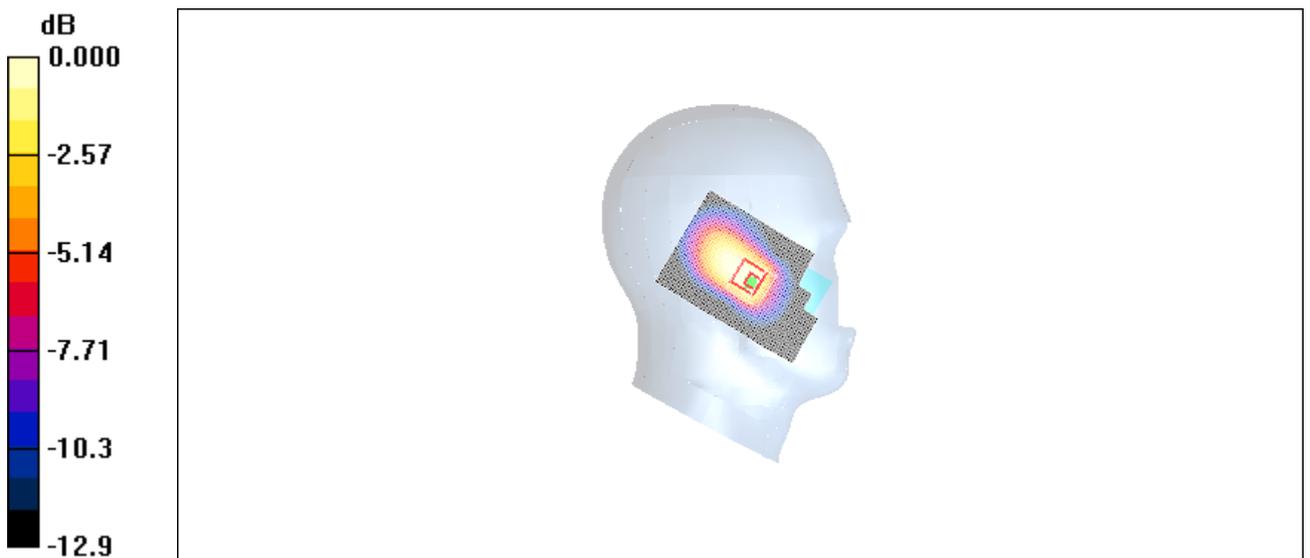
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.711 mW/g



0 dB = 0.711mW/g

Fig. 33 850 MHz CH128

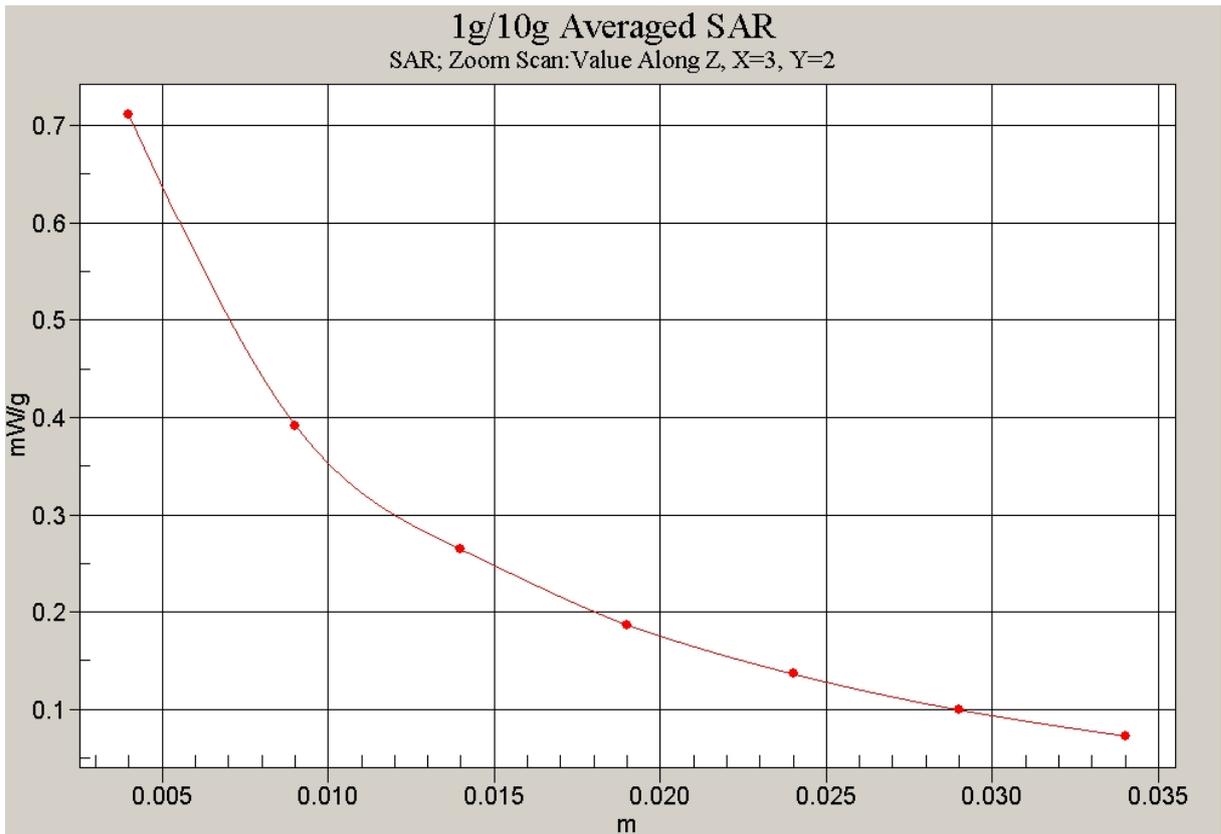


Fig.34 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt Middle

Date/Time: 2009-3-2 12:11:12

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

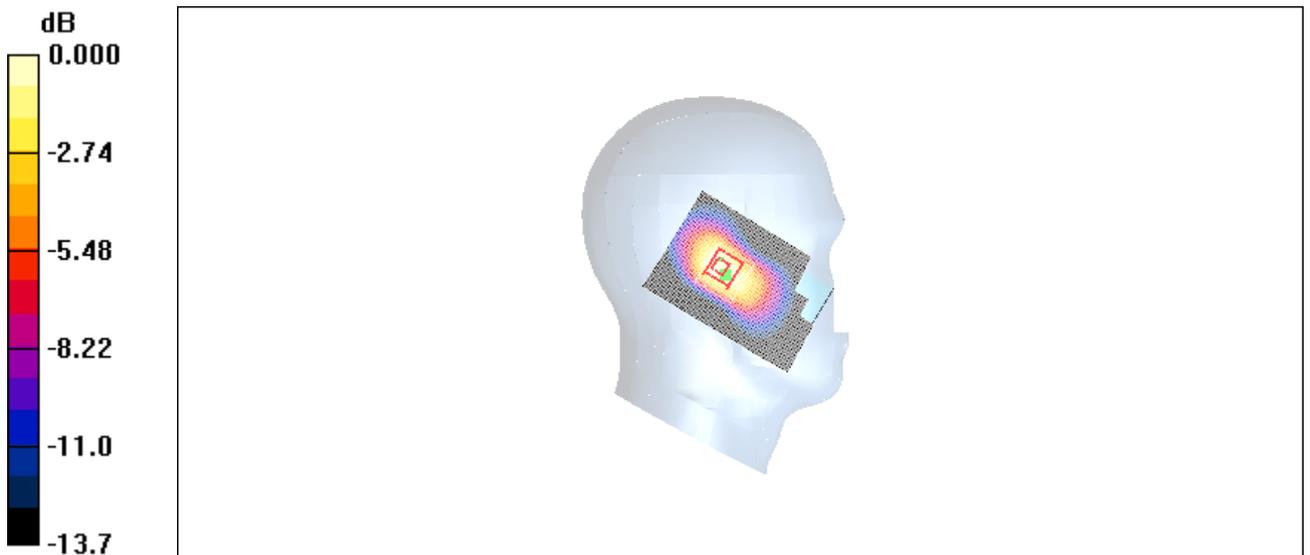
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.0 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



0 dB = 0.634mW/g

Fig. 35 850 MHz CH190

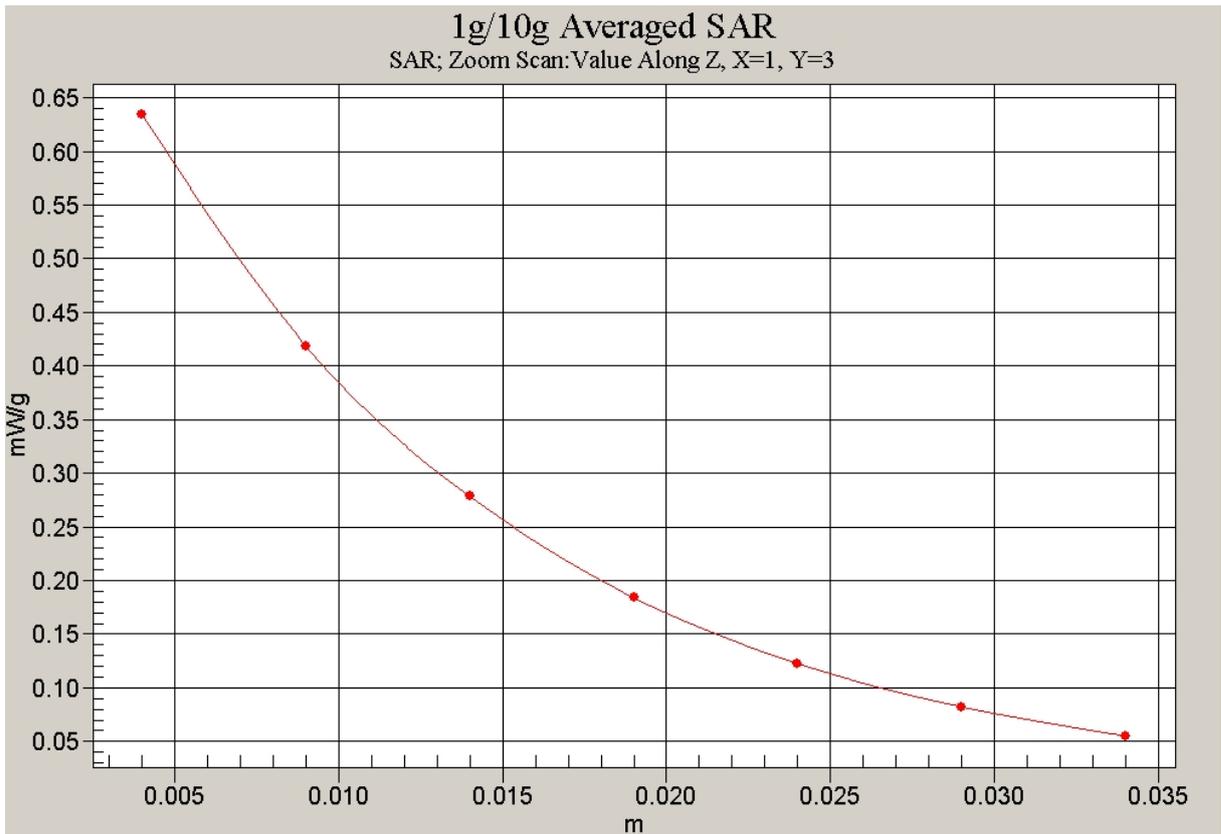


Fig. 36 Z-Scan at power reference point (850 MHz CH190)

850 Right Cheek Middle

Date/Time: 2009-3-2 12:25:50

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ 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 (71x91x1): Measurement grid: dx=10mm, dy=10mm

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

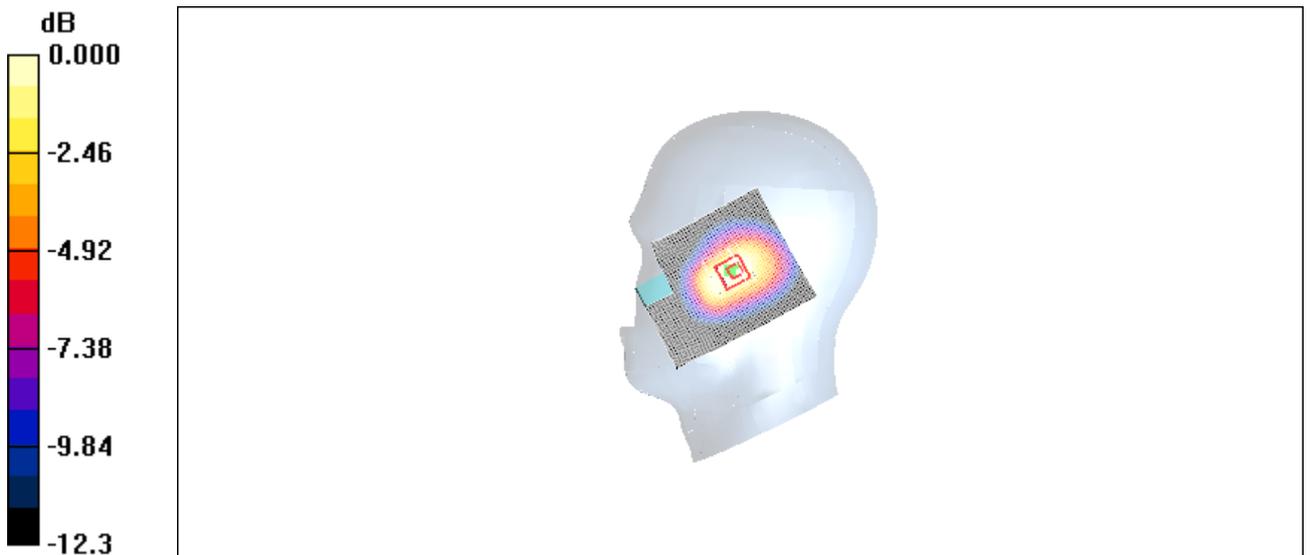
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.513 mW/g

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



0 dB = 0.826mW/g

Fig. 37 850 MHz CH190

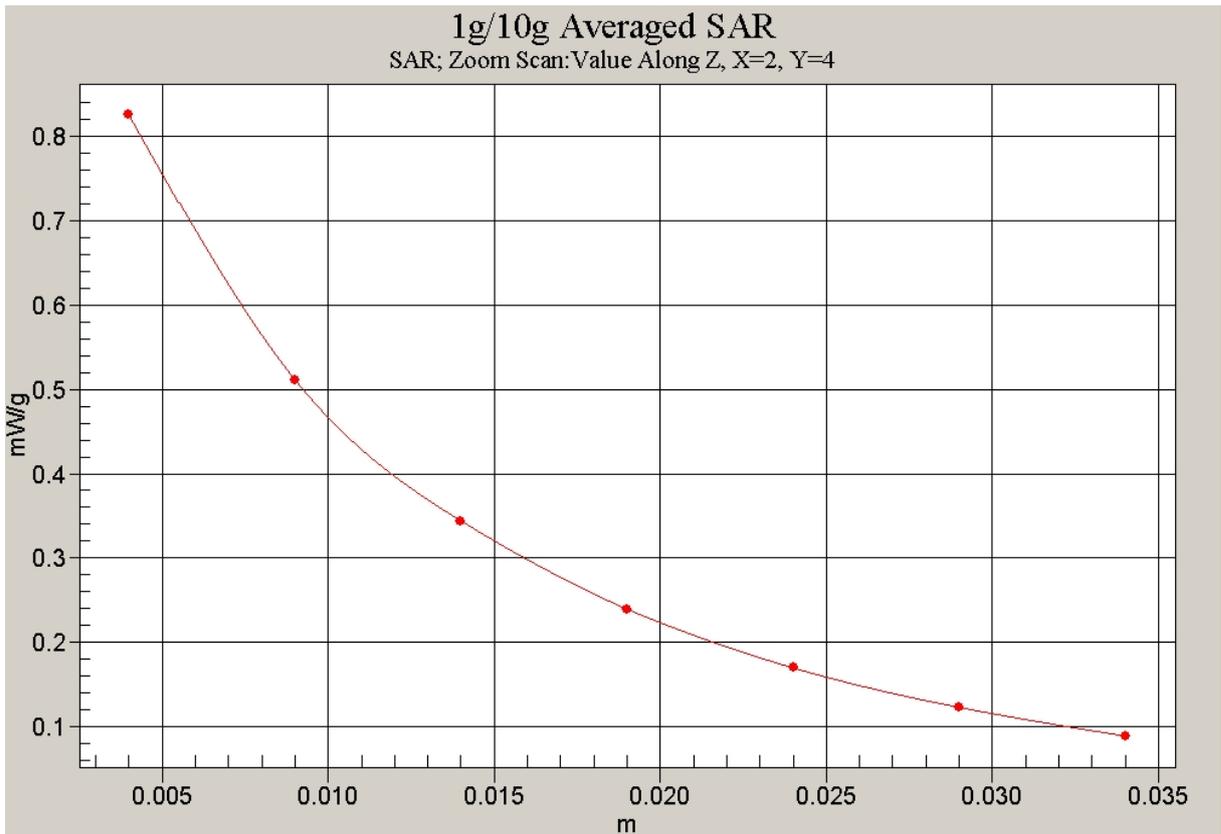


Fig. 38 Z-Scan at power reference point (850 MHz CH190)

850 Right Tilt Middle

Date/Time: 2009-3-2 12:39:18

Electronics: DAE4 Sn771

Medium: 850 HEAD

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ 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 (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.745 mW/g

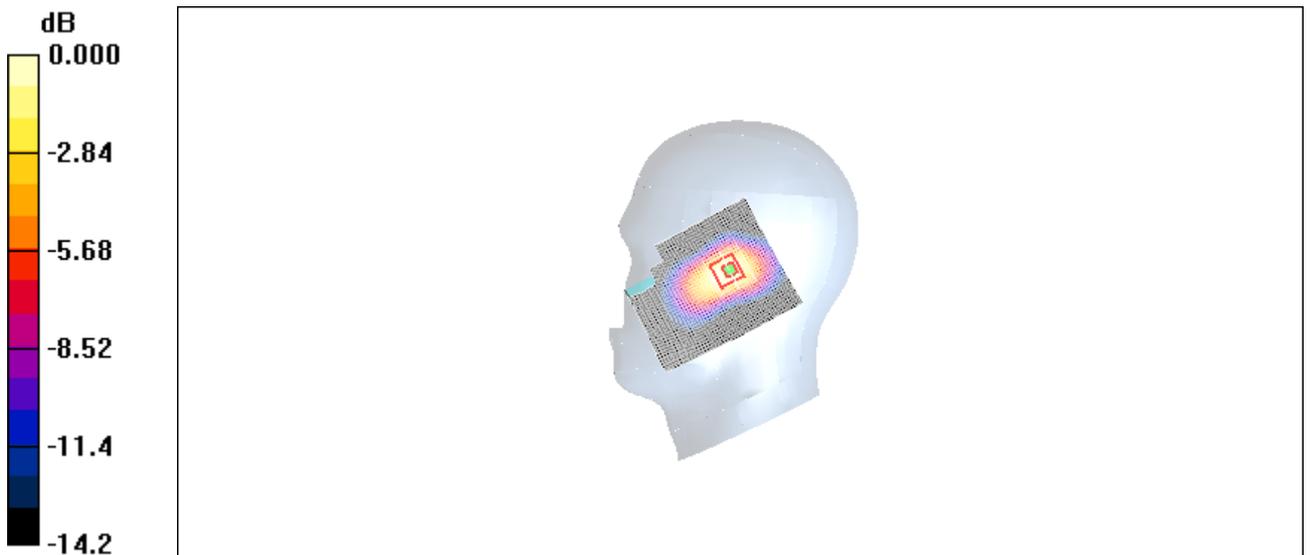
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.386 mW/g

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



0 dB = 0.669mW/g

Fig. 39 850 MHz CH190

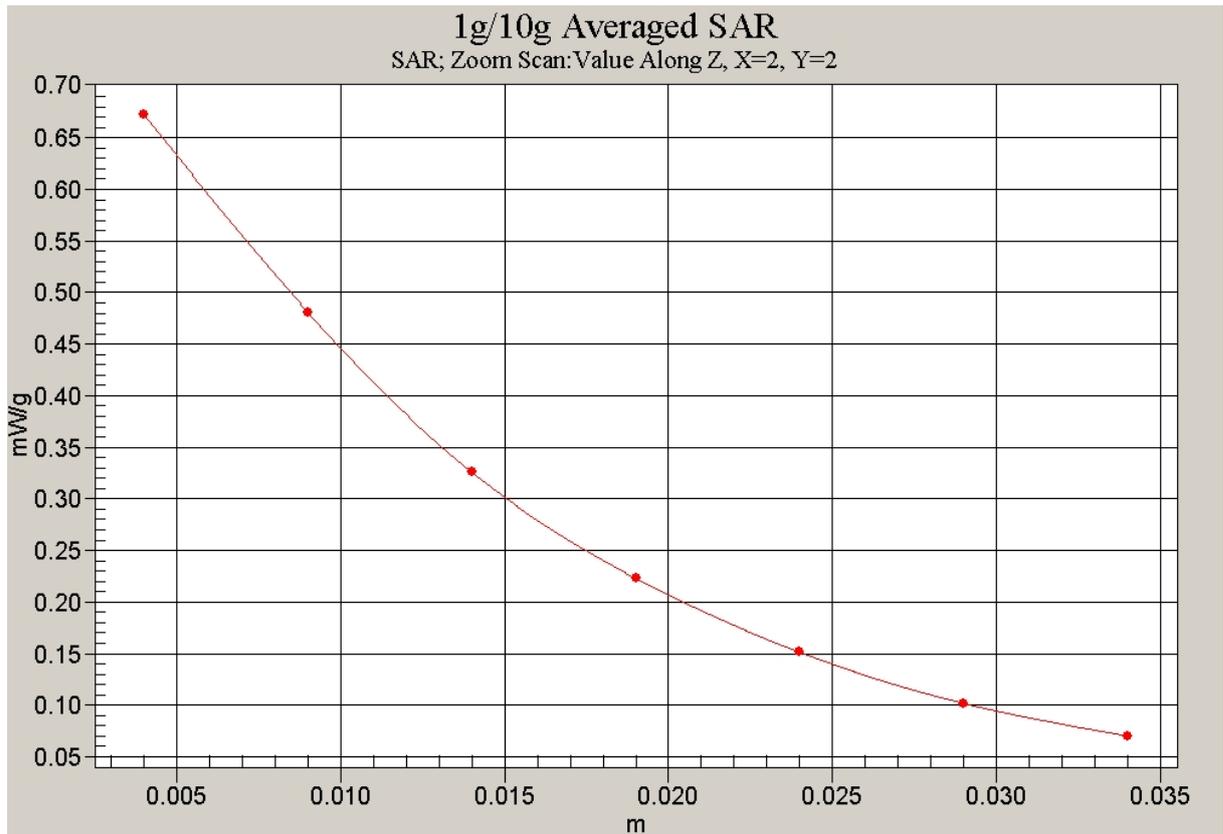


Fig. 40 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground High with GPRS

Date/Time: 2009-3-2 12:58:47

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 1.16 mW/g

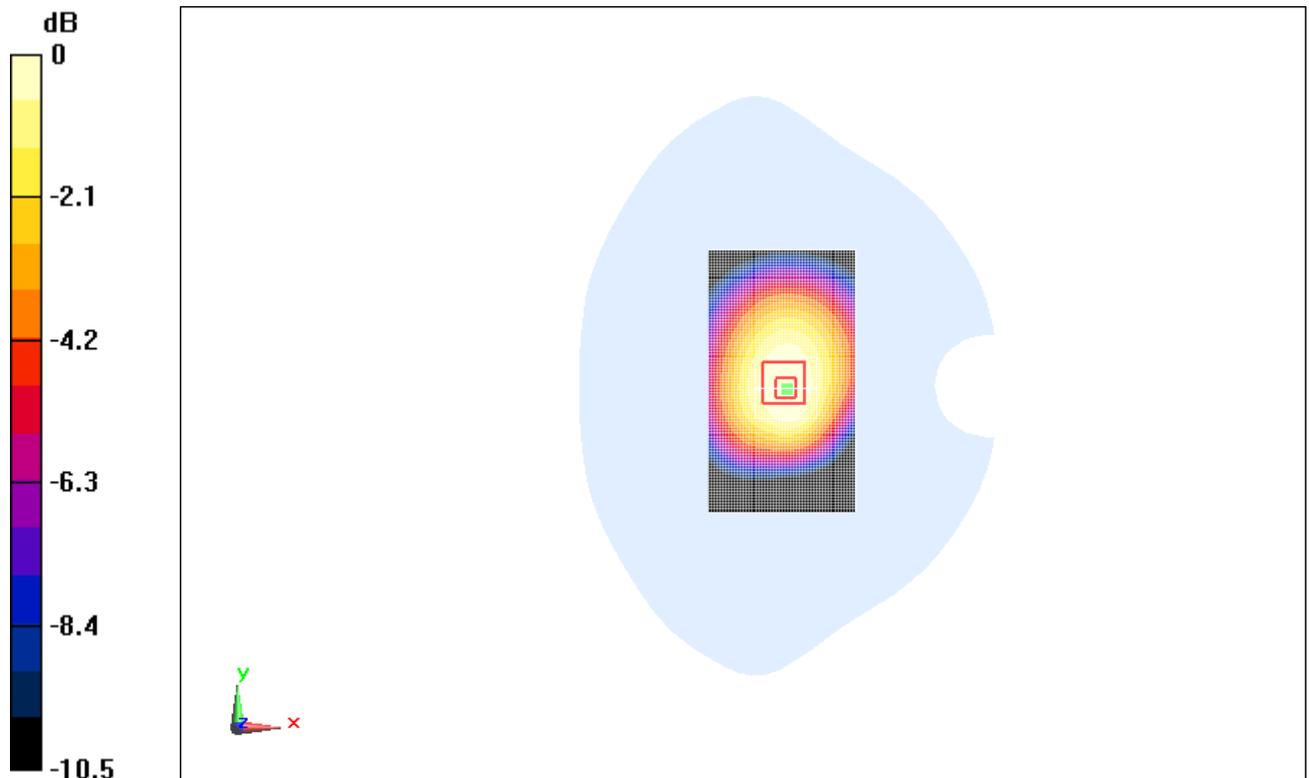
Towards Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.4 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.747 mW/g

Maximum value of SAR (measured) = 1.1 mW/g



0 dB = 1.1mW/g

Fig. 41 850 MHz CH251

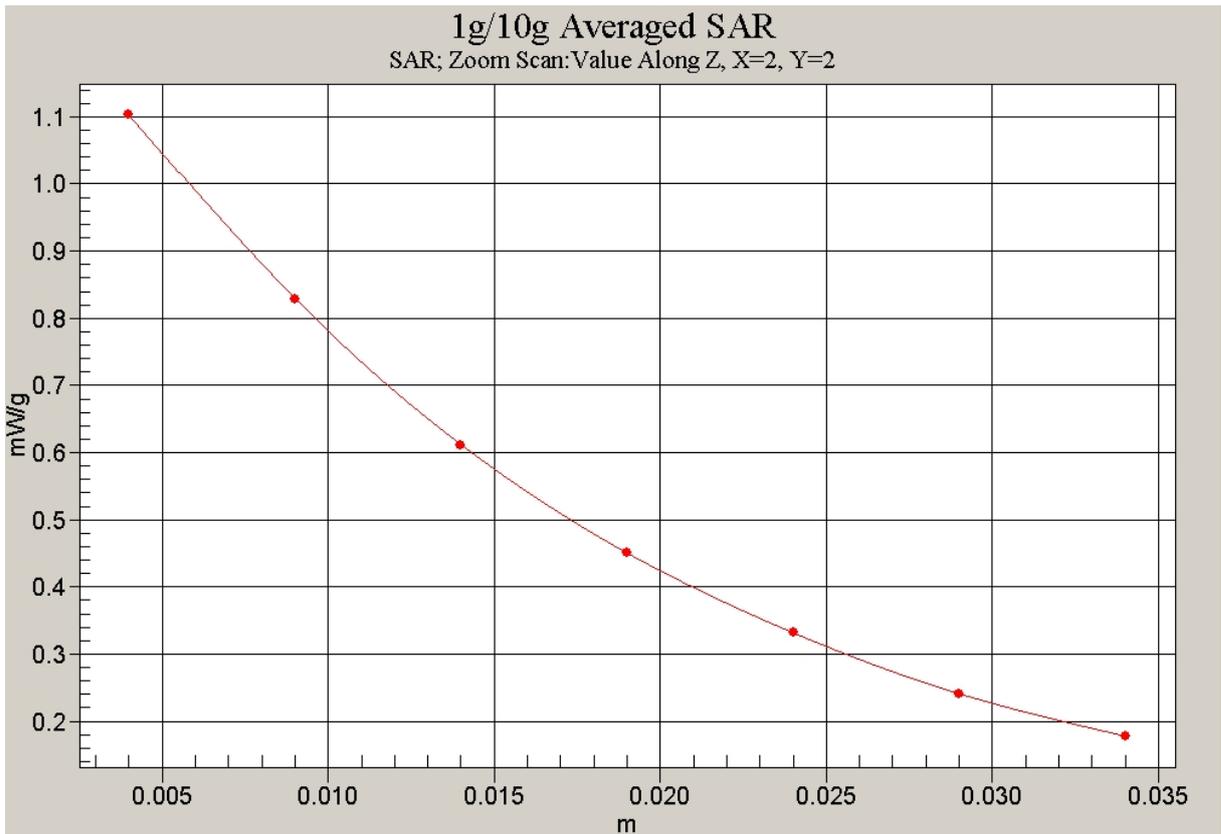


Fig. 42 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with GPRS

Date/Time: 2009-3-2 13:12:09

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 1.02 mW/g

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

Reference Value = 32.4 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.684 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Fig. 43 850 MHz CH190

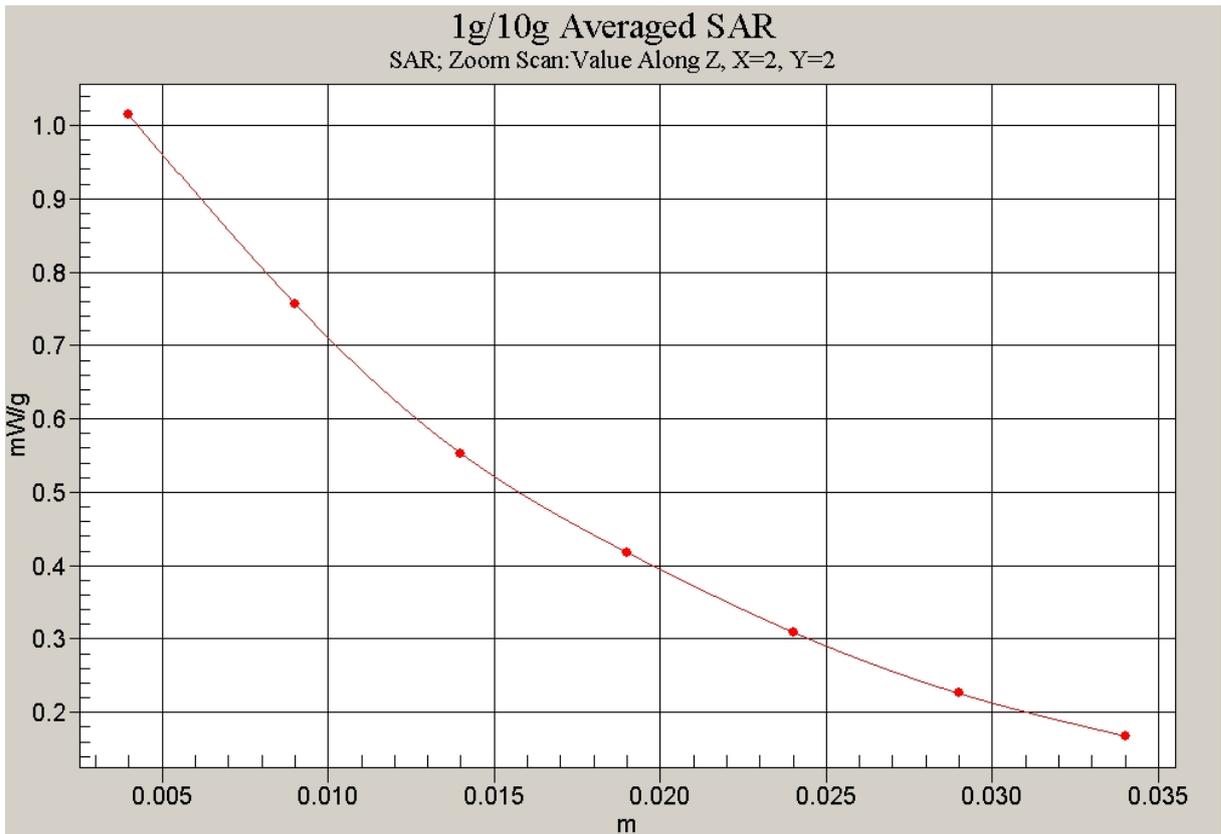


Fig. 44 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low with GPRS

Date/Time: 2009-3-2 13:26:19

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 825$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 1.02 mW/g

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

Reference Value = 32.5 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.689 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

Fig. 45 850 MHz CH128

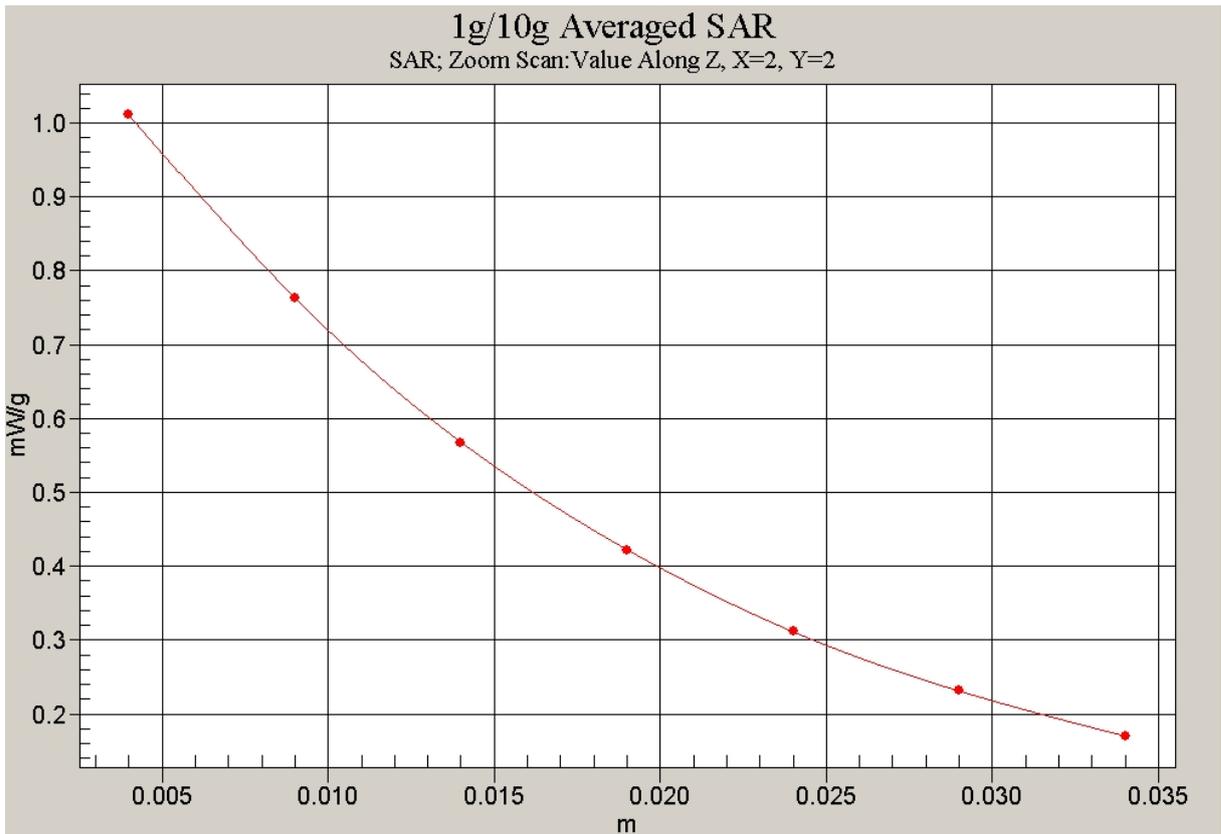


Fig. 46 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Phantom High with GPRS

Date/Time: 2009-3-2 13:40:33

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 0.441 mW/g

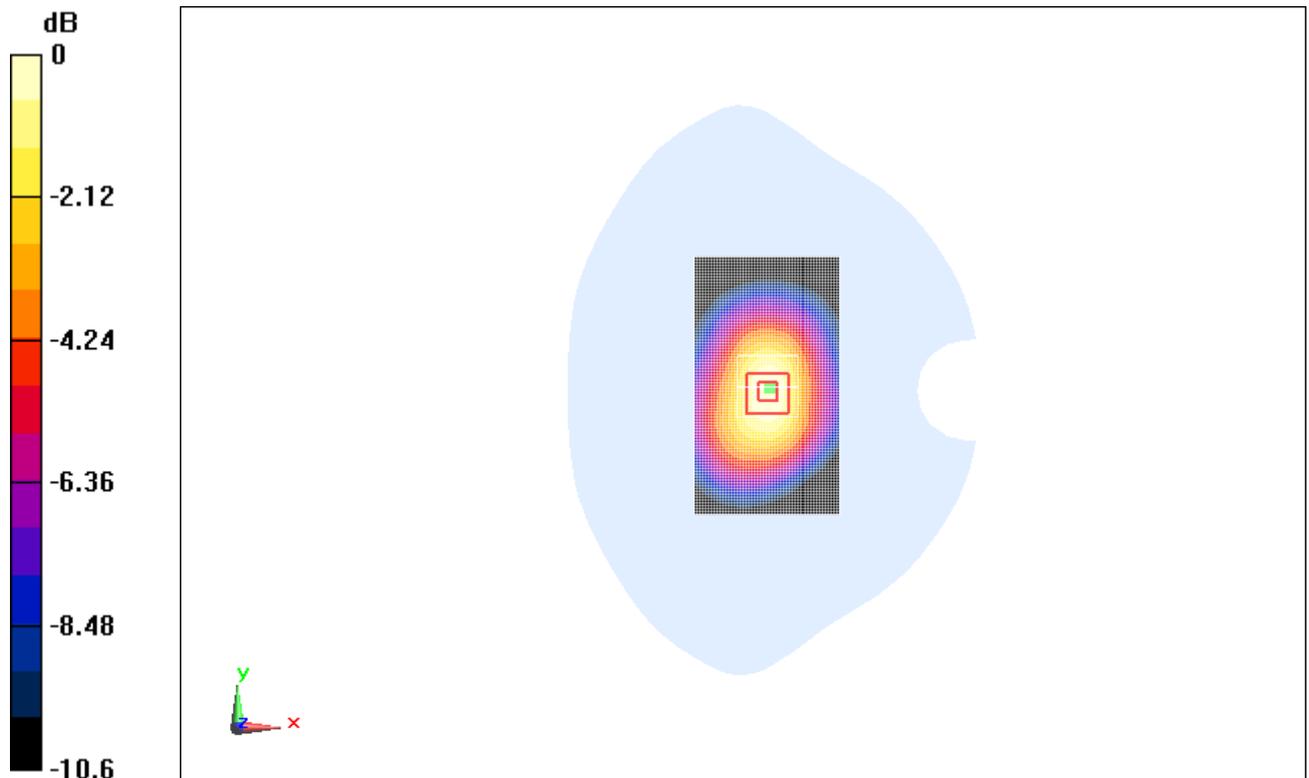
Towards Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.435mW/g

Fig. 47 850 MHz CH251

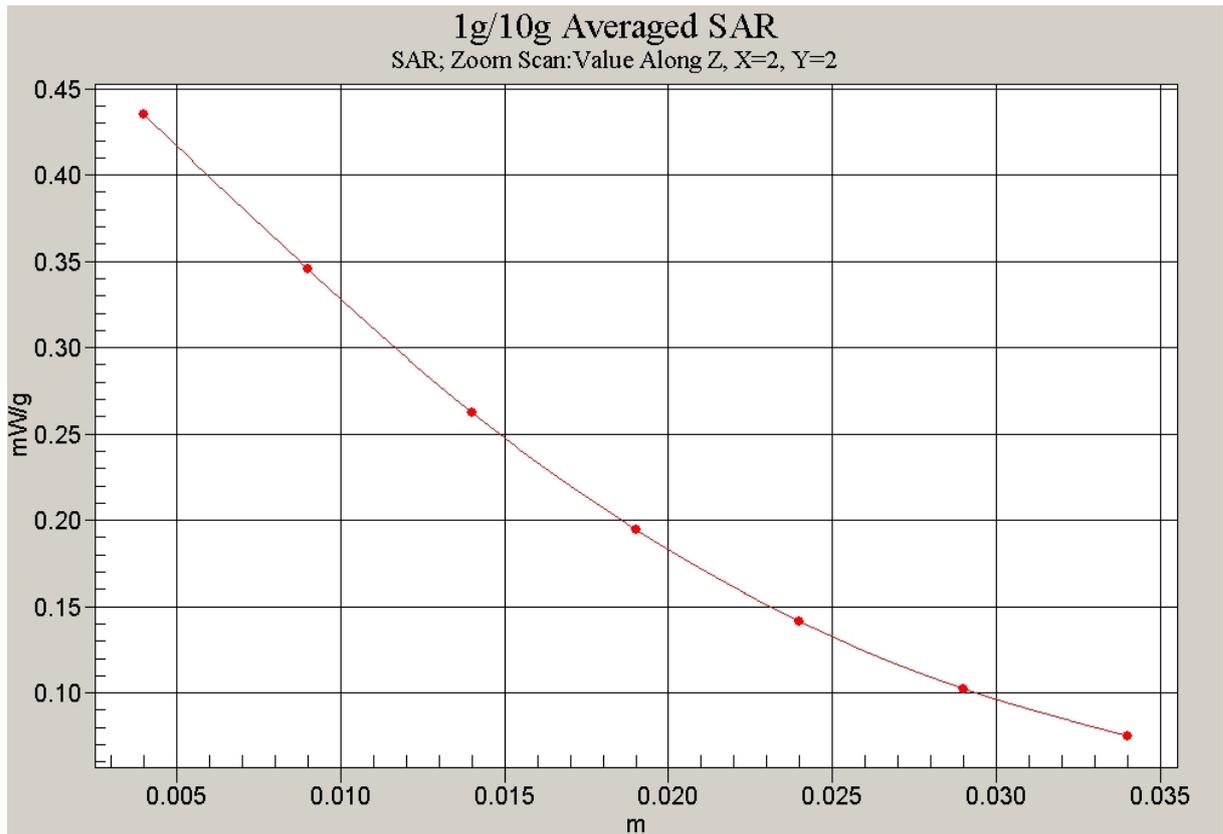


Fig. 48 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Phantom Middle with GPRS

Date/Time: 2009-3-2 13:54:41

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

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

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

Maximum value of SAR (interpolated) = 0.440 mW/g

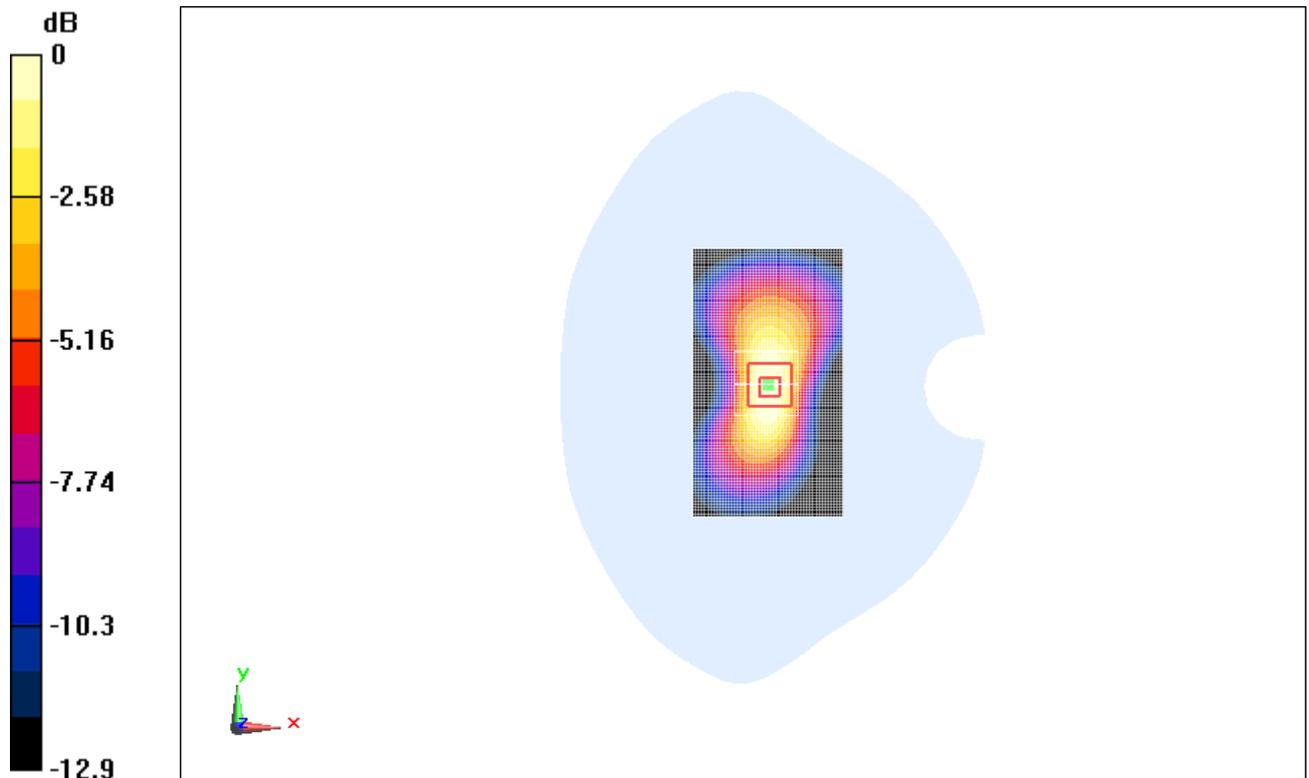
Towards Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.217 mW/g

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



0 dB = 0.377mW/g

Fig. 49 850 MHz CH190

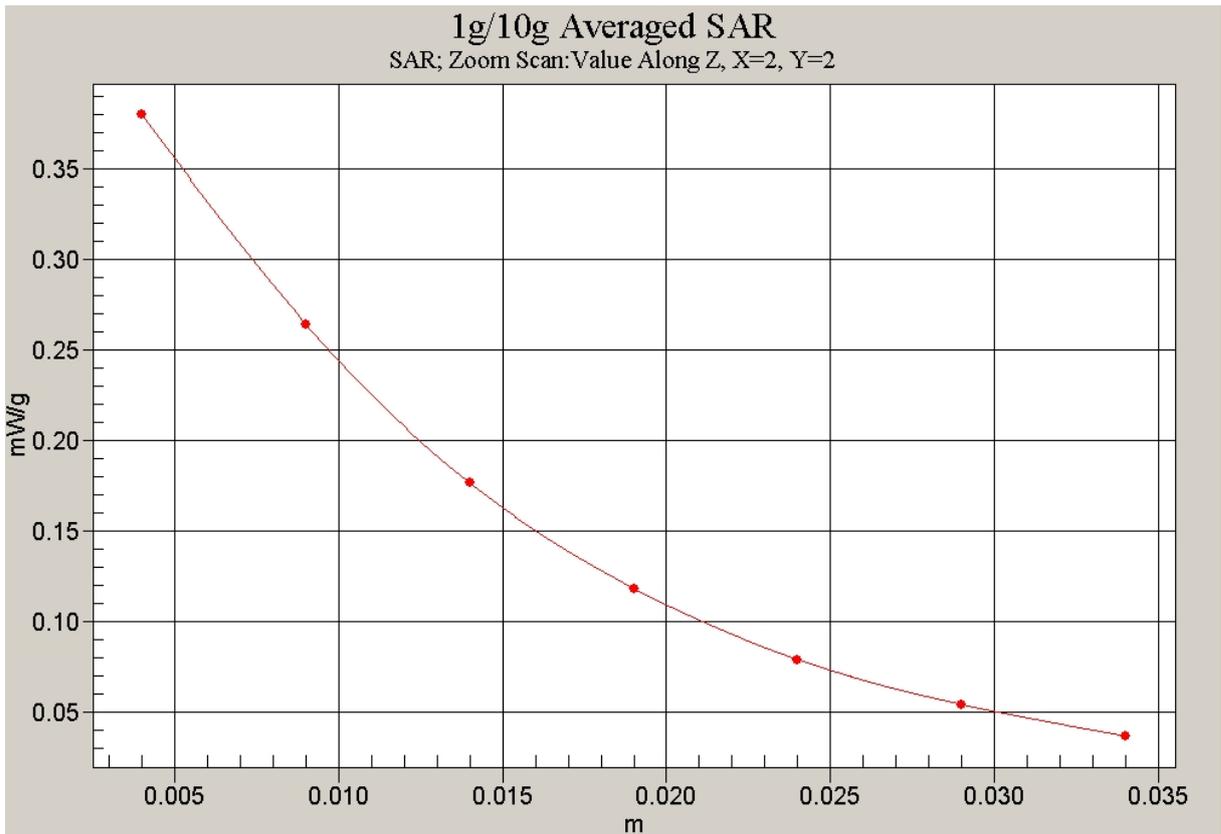


Fig. 50 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Phantom Low with GPRS

Date/Time: 2009-3-2 14:08:11

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.973$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4

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

Towards Phantom Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.426 mW/g

Towards Phantom Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = 0.079 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

Fig. 51 850 MHz CH128

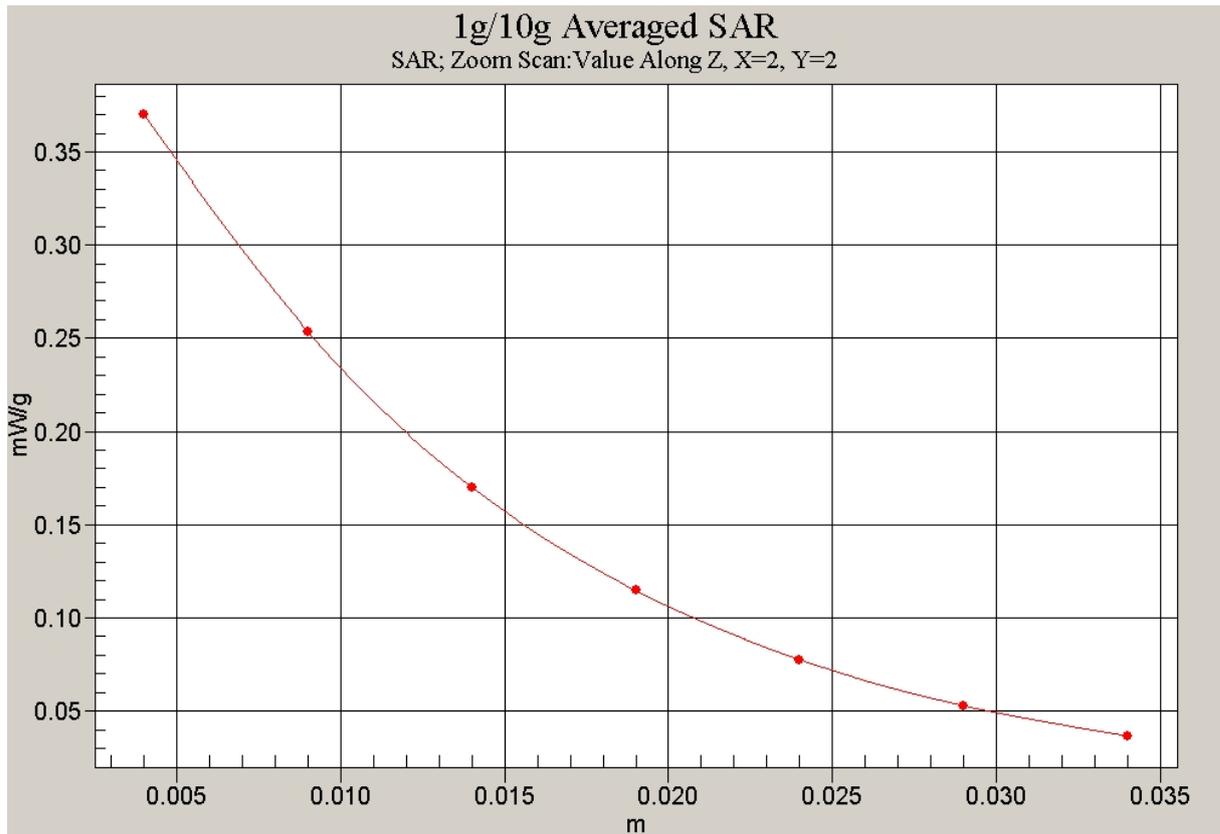


Fig. 52 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground High with EGPRS

Date/Time: 2009-3-2 14:23:35

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

Towards Ground High with EGPRS/Area Scan (51x91x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.420 mW/g

Towards Ground High with EGPRS/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.4 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.511 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.278 mW/g

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



0 dB = 0.408mW/g

Fig. 53 850 MHz CH251

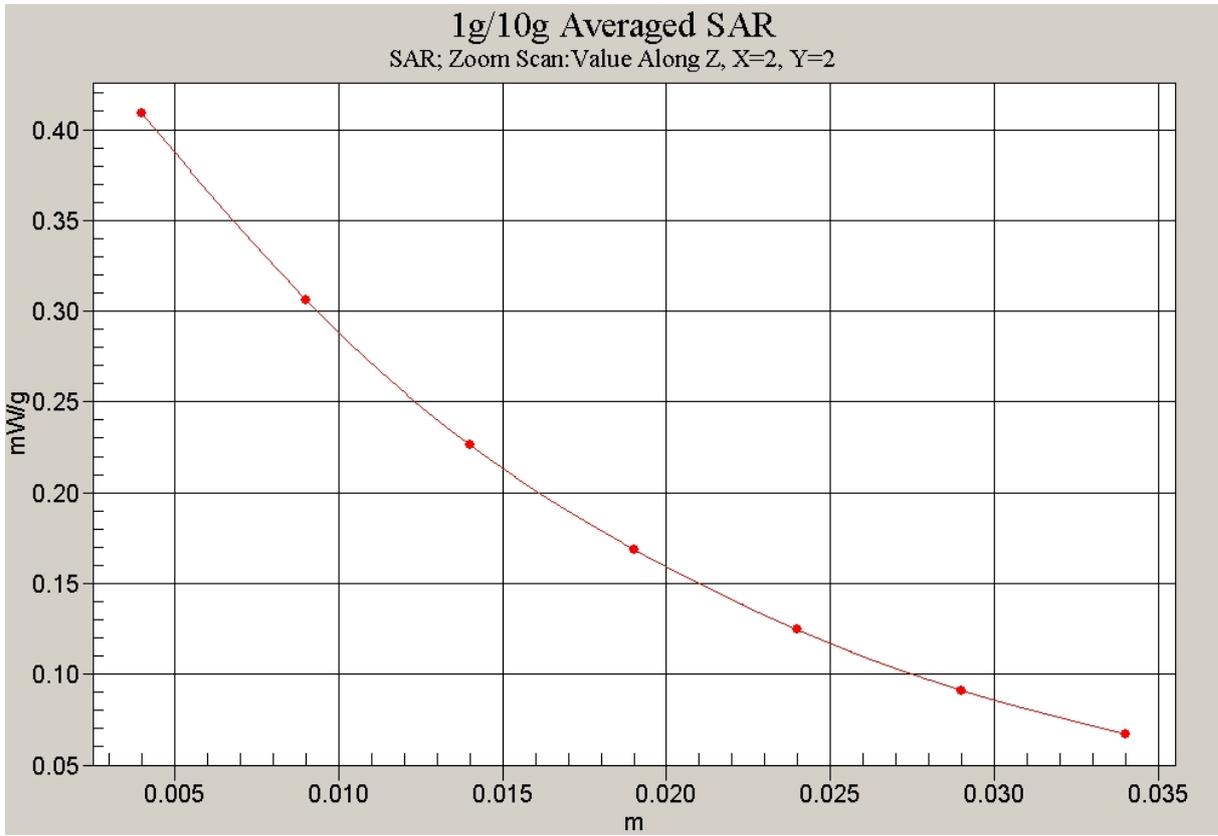


Fig. 54 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground High with Headset

Date/Time: 2009-3-2 14:37:15

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

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

Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4

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

Towards Ground High with earphone/Area Scan (51x91x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.598 mW/g

Towards Ground High with earphone/Zoom Scan (7x7x7)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.4 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



0 dB = 0.586mW/g

Fig. 55 850 MHz CH251

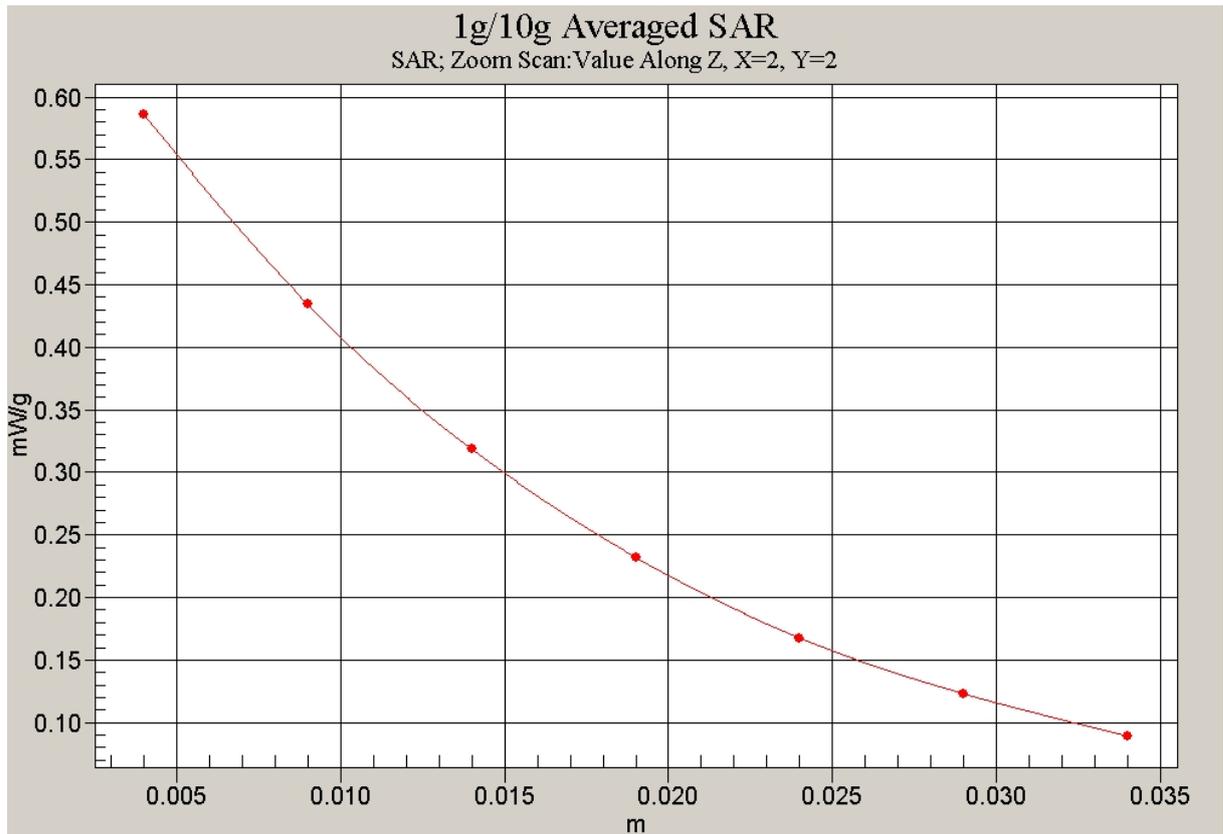


Fig. 56 Z-Scan at power reference point (850 MHz CH251)

1900 Left Cheek High

Date/Time: 2009-3-3 8:19:04

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz new Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.545 mW/g

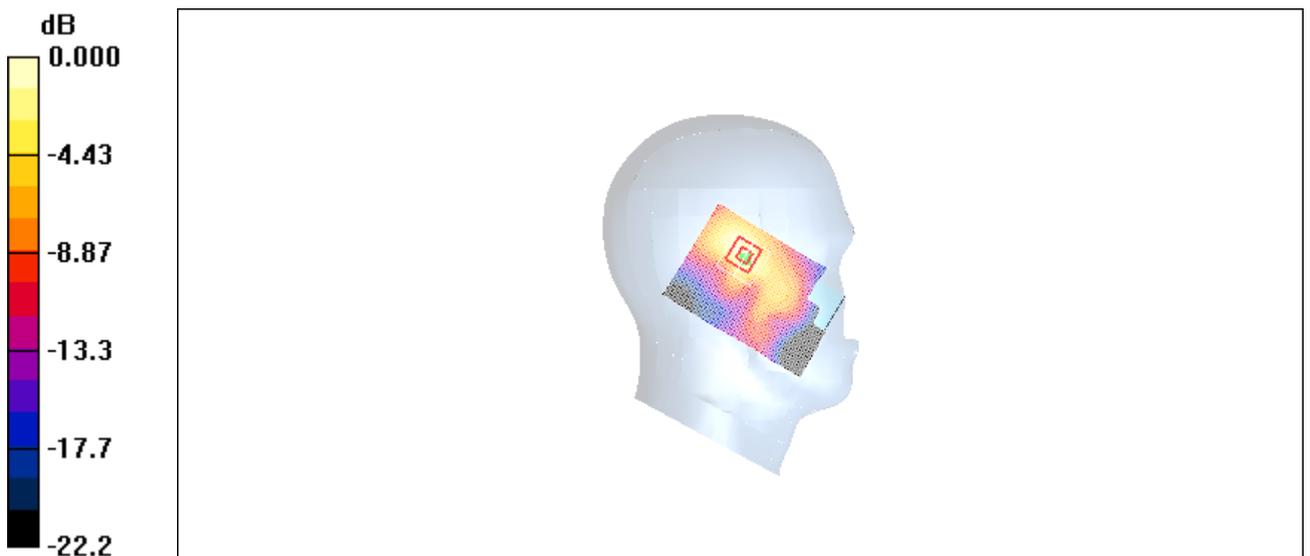
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.21 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.572 mW/g



0 dB = 0.572mW/g

Fig. 57 1900 MHz CH810

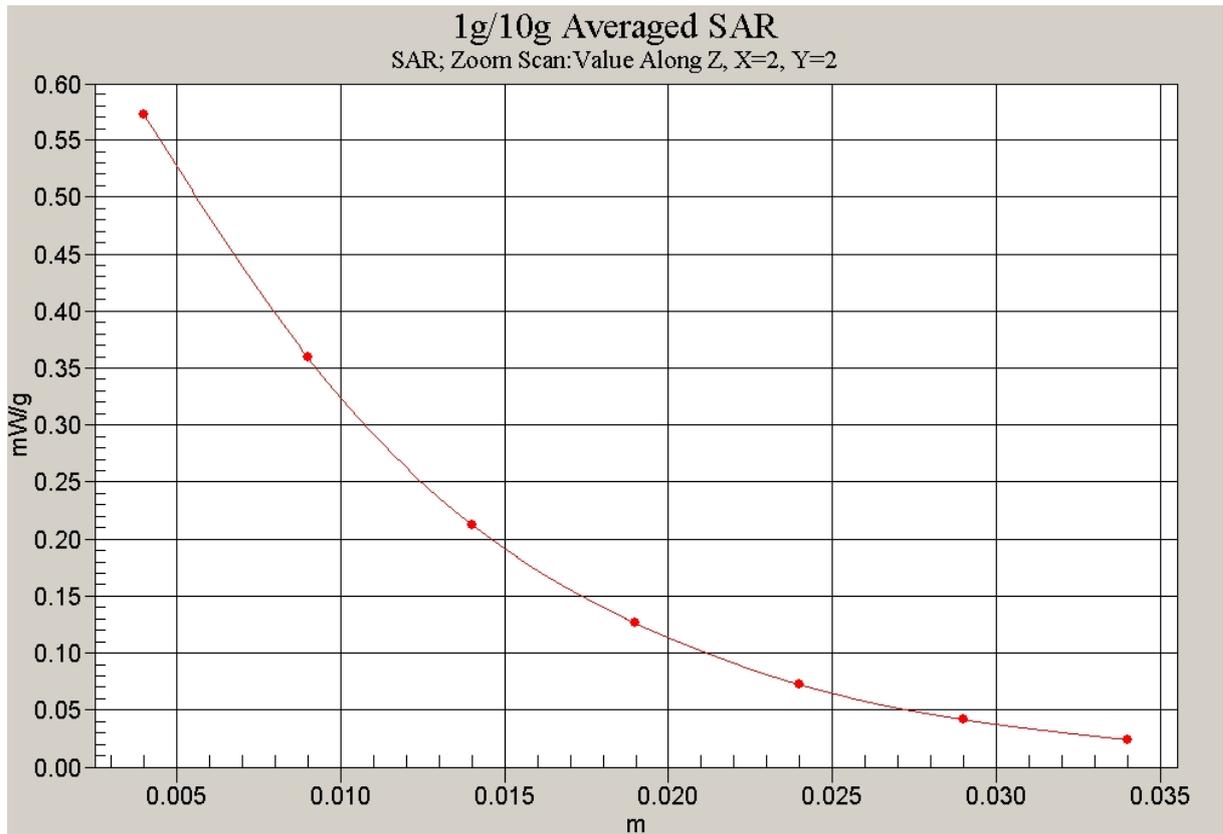


Fig. 58 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Cheek Middle

Date/Time: 2009-3-3 8:33:57

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.710 mW/g

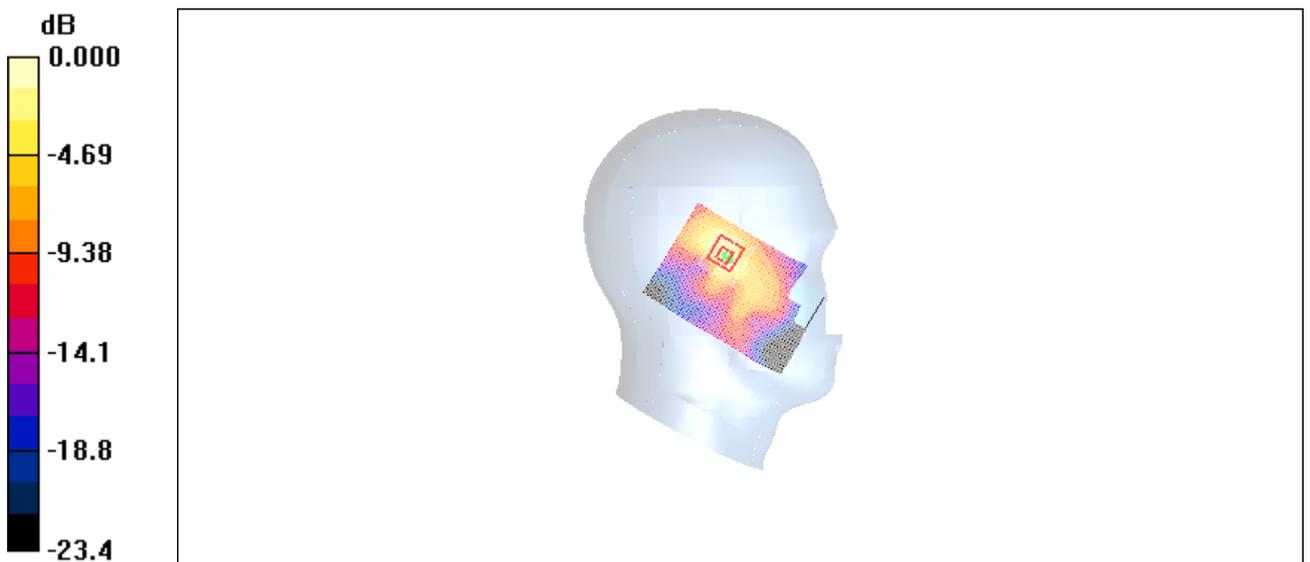
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.31 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.776 mW/g



0 dB = 0.776mW/g

Fig. 59 1900 MHz CH661

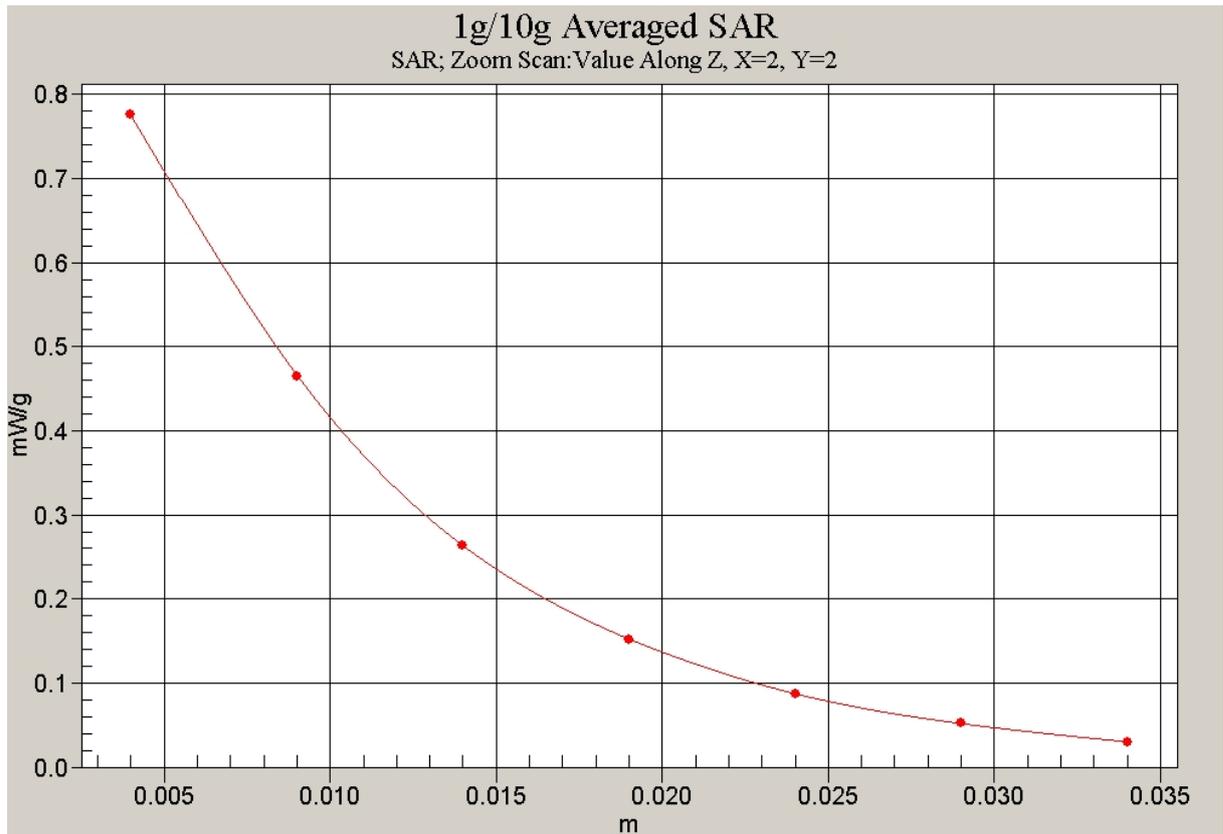


Fig. 60 Z-Scan at power reference point (1900 MHz CH661)