

Fig. 82 Z-Scan at power reference point (850MHz CH128)

850 Left Tilt High

Date/Time: 2007-11-13 18:22:13

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.7$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 0.757 mW/g

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

Reference Value = 24.0 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.426 mW/g

Maximum value of SAR (measured) = 0.674 mW/g



0 dB = 0.674mW/g

Fig. 83 Left Hand Tilt 15°850MHz CH251

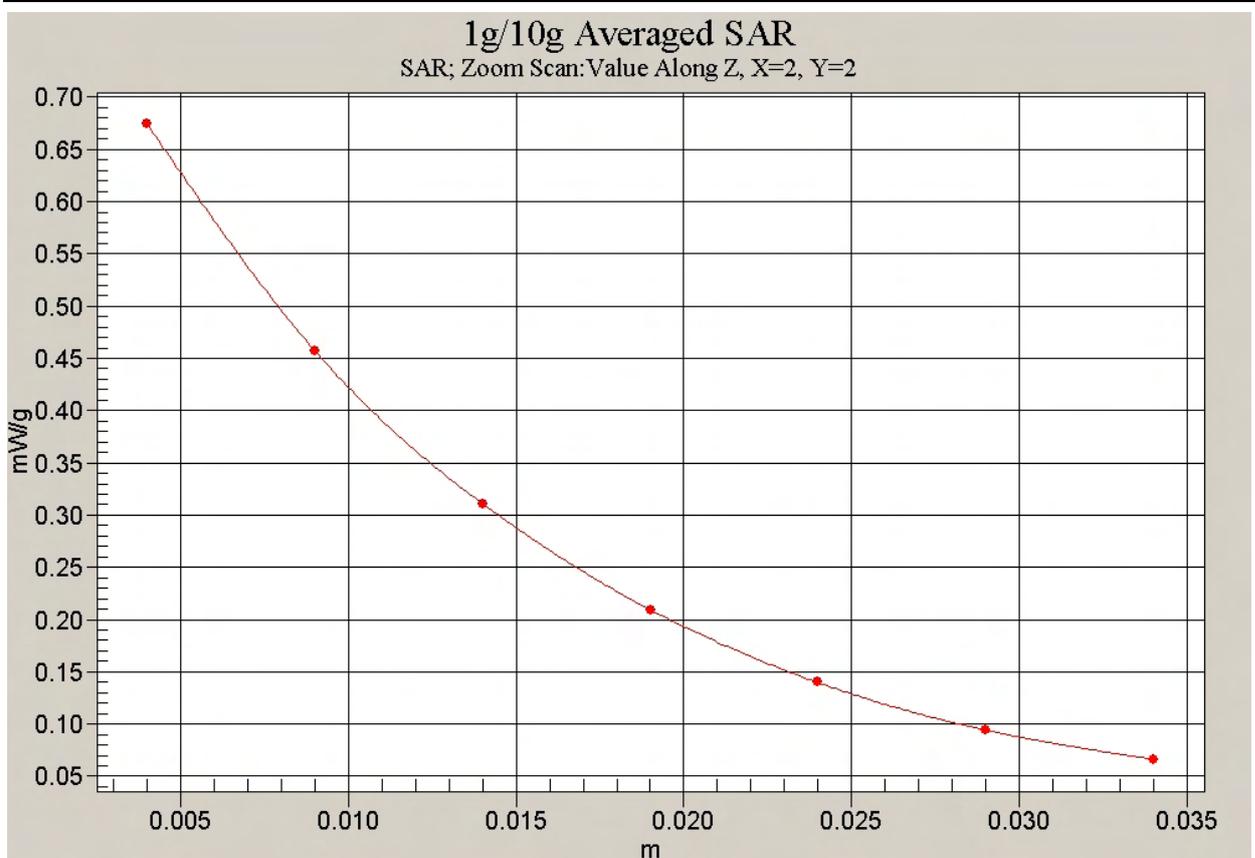


Fig. 84 Z-Scan at power reference point (850MHz CH251)

850 Left Tilt Middle

Date/Time: 2007-11-13 18:09:07

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 43.8$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 0.911 mW/g

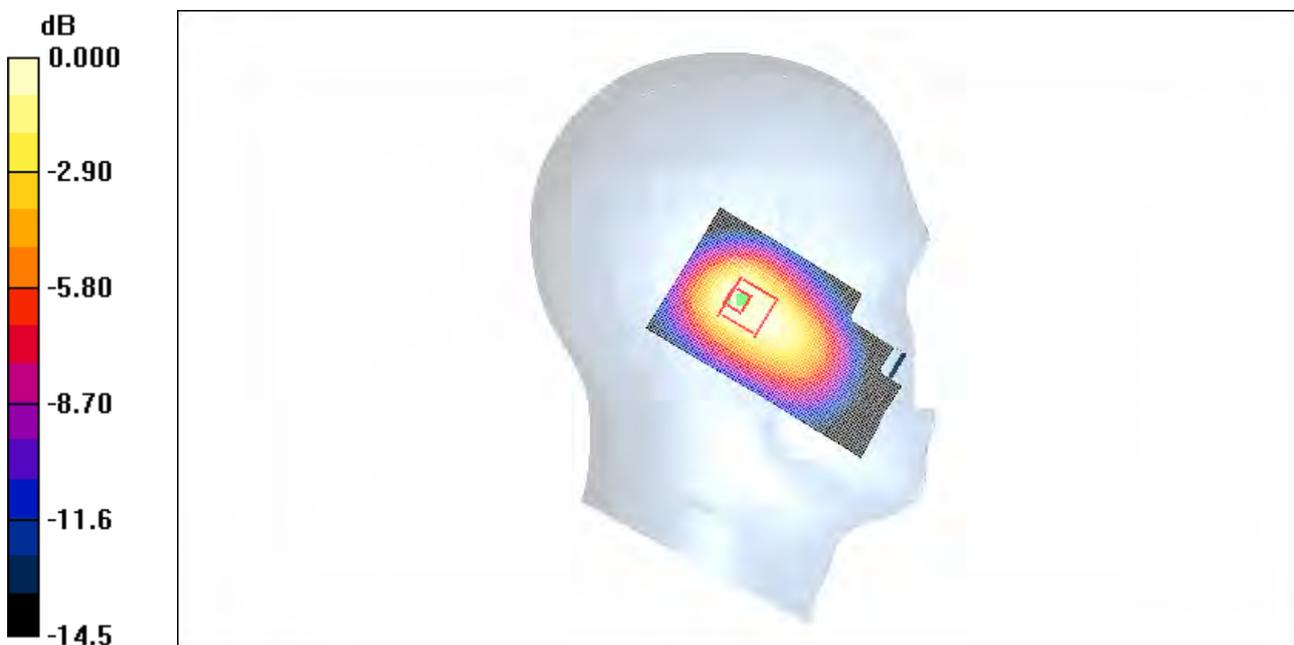
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.792 mW/g



0 dB = 0.792mW/g

Fig. 85 Left Hand Tilt 15°PCS 850MHz CH190

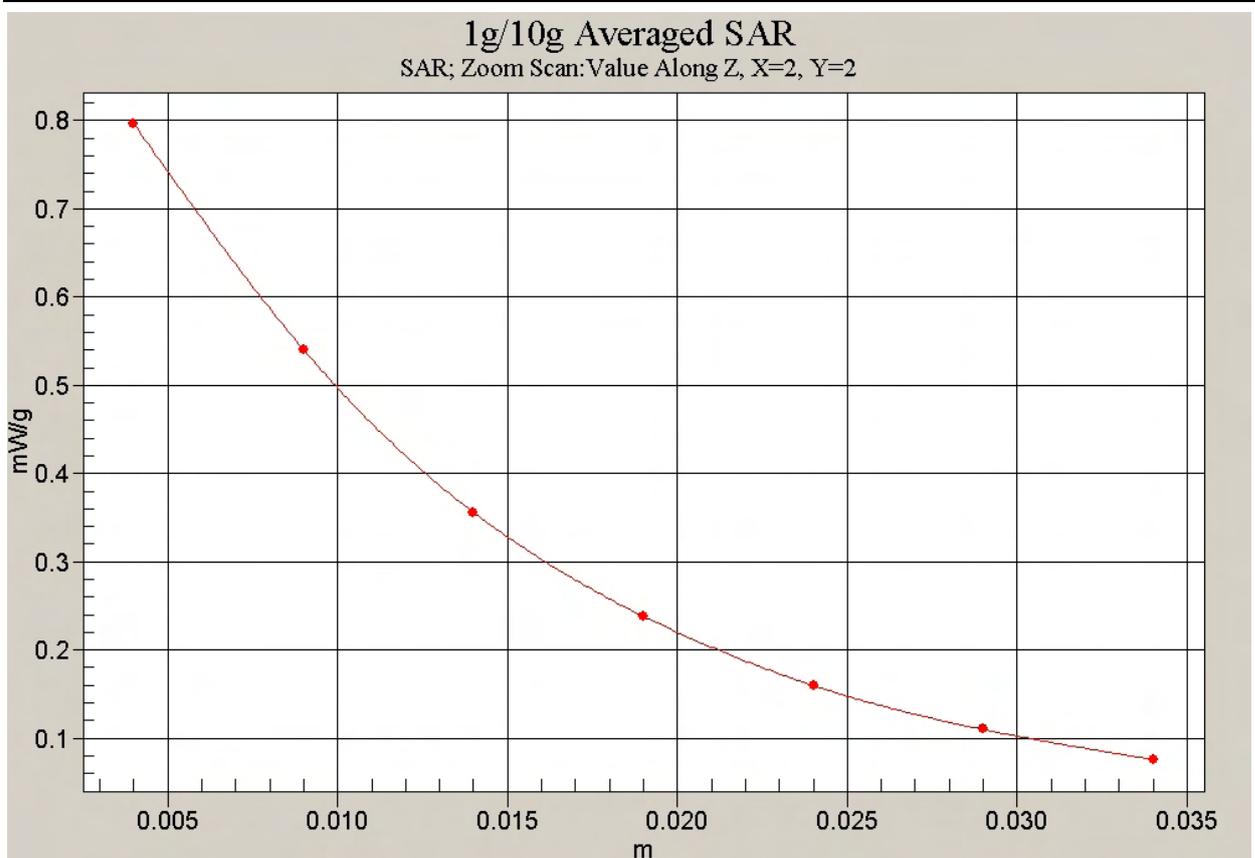


Fig. 86 Z-Scan at power reference point (850MHz CH190)

850 Left Tilt Low

Date/Time: 2007-11-13 17:58:36

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used: $f = 825$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 43.9$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 1.03 mW/g

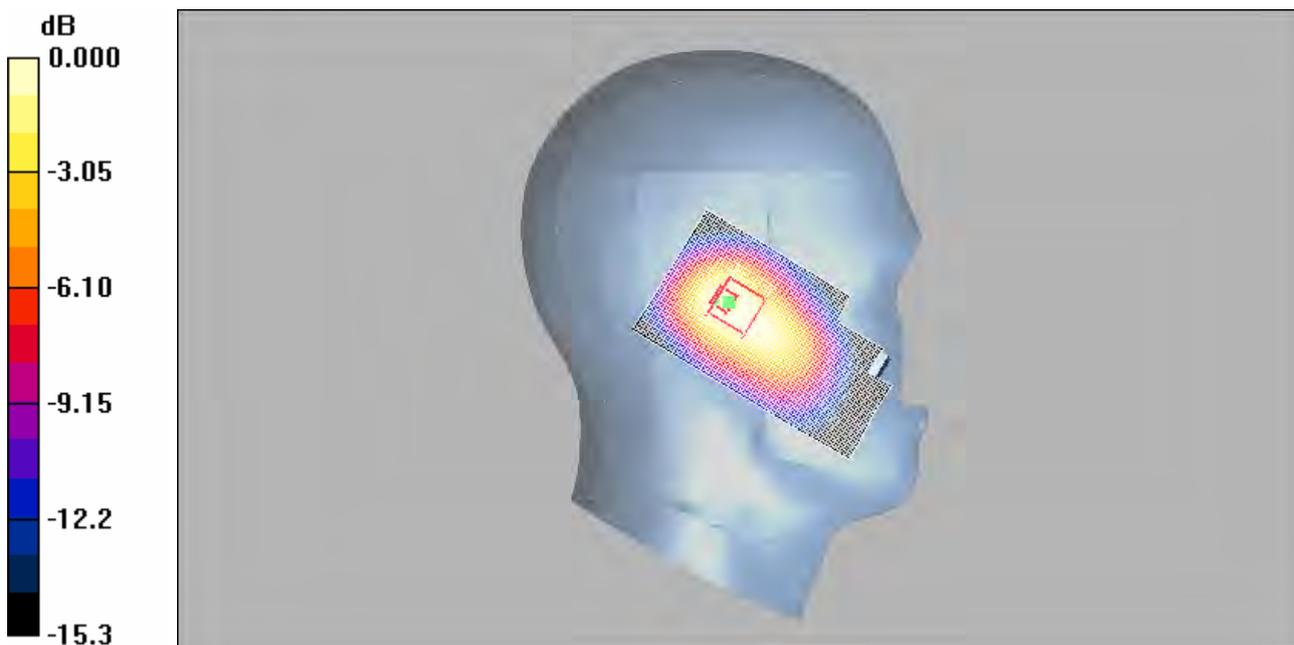
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 0.875 mW/g



0 dB = 0.875mW/g

Fig. 87 Left Hand Tilt 15°850MHz CH128

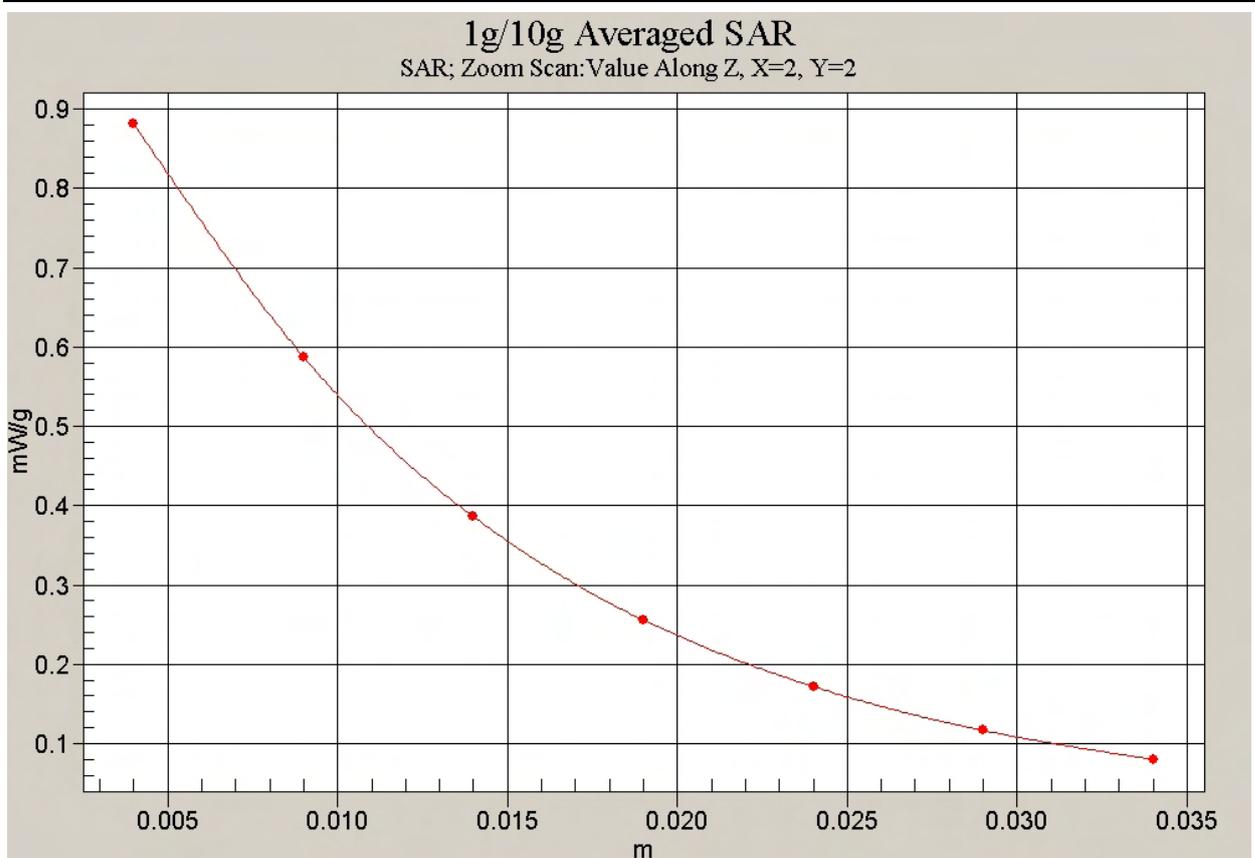


Fig. 88 Z-Scan at power reference point (850MHz CH128)

850 Right Cheek High

Date/Time: 2007-11-13 18:35:45

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.7$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 0.762 mW/g

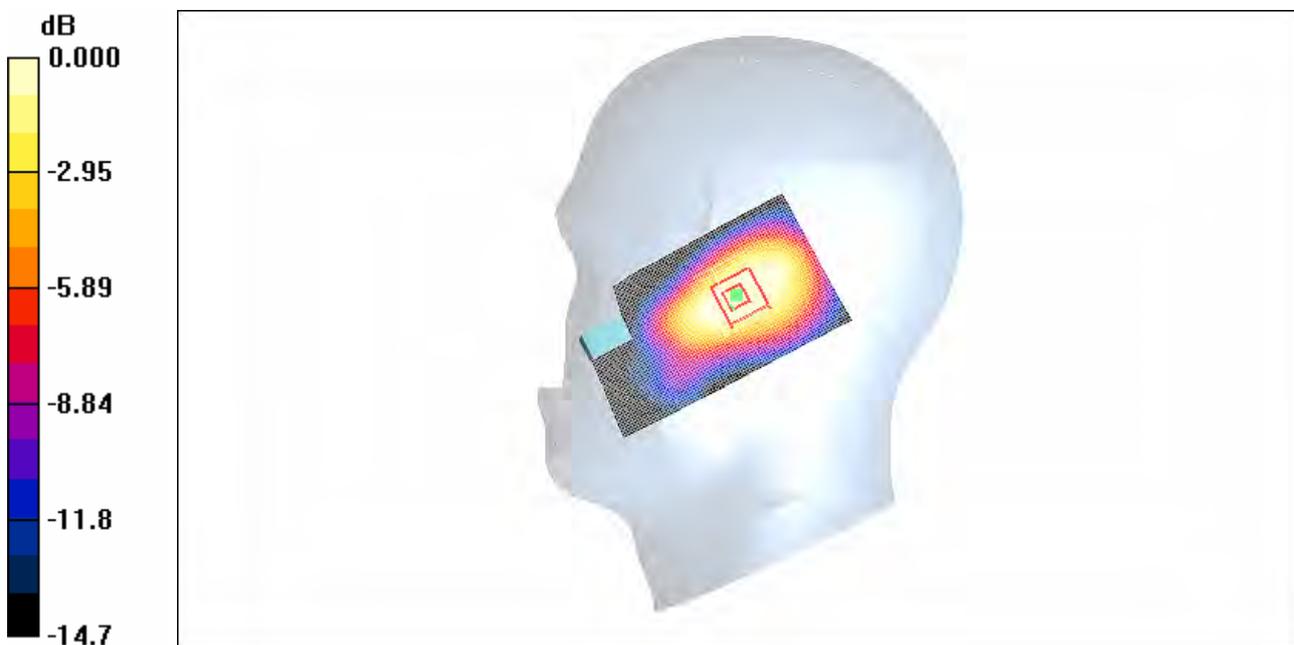
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.439 mW/g

Maximum value of SAR (measured) = 0.674 mW/g



0 dB = 0.674mW/g

Fig. 89 Right Hand Touch Cheek 850MHz CH251

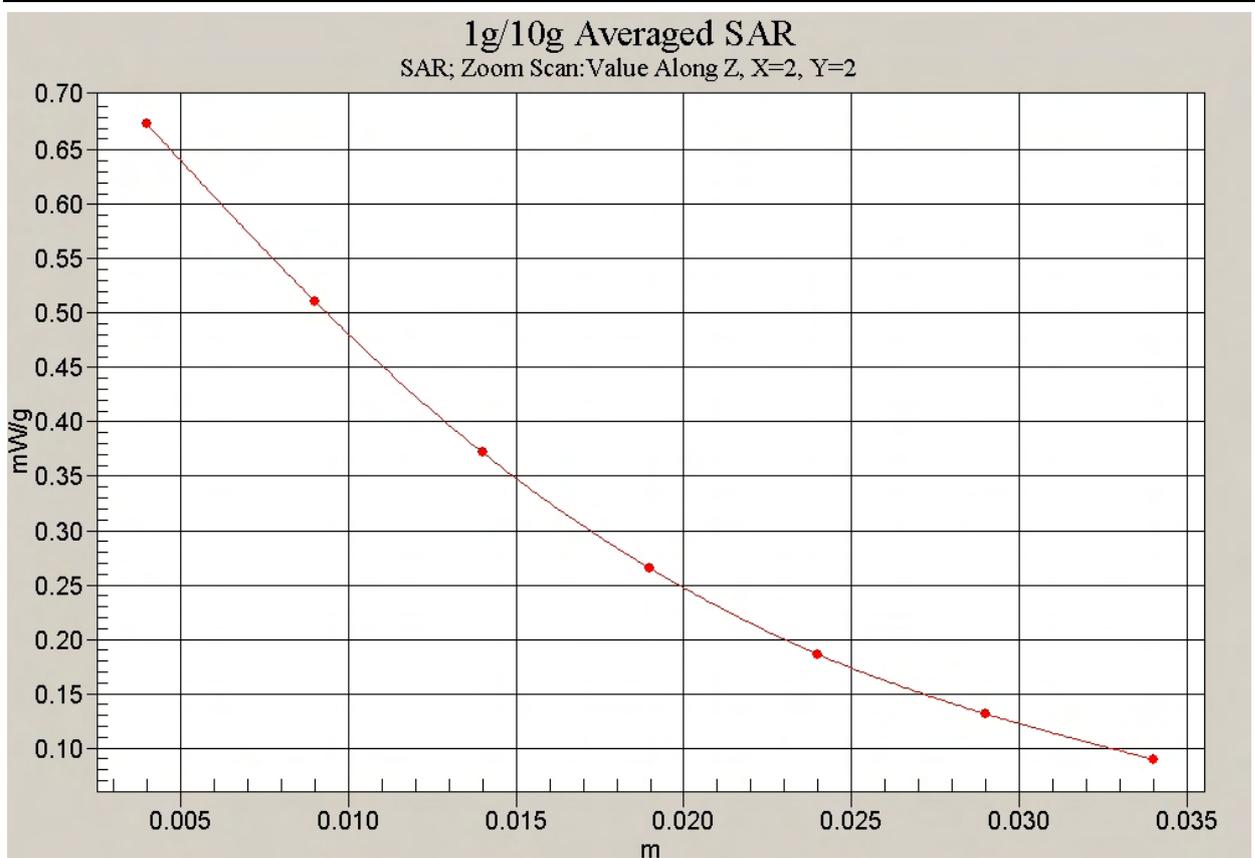


Fig. 90 Z-Scan at power reference point (850MHz CH251)

850 Right Cheek Middle

Date/Time: 2007-11-13 18:48:04

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 43.8$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 1.15 mW/g

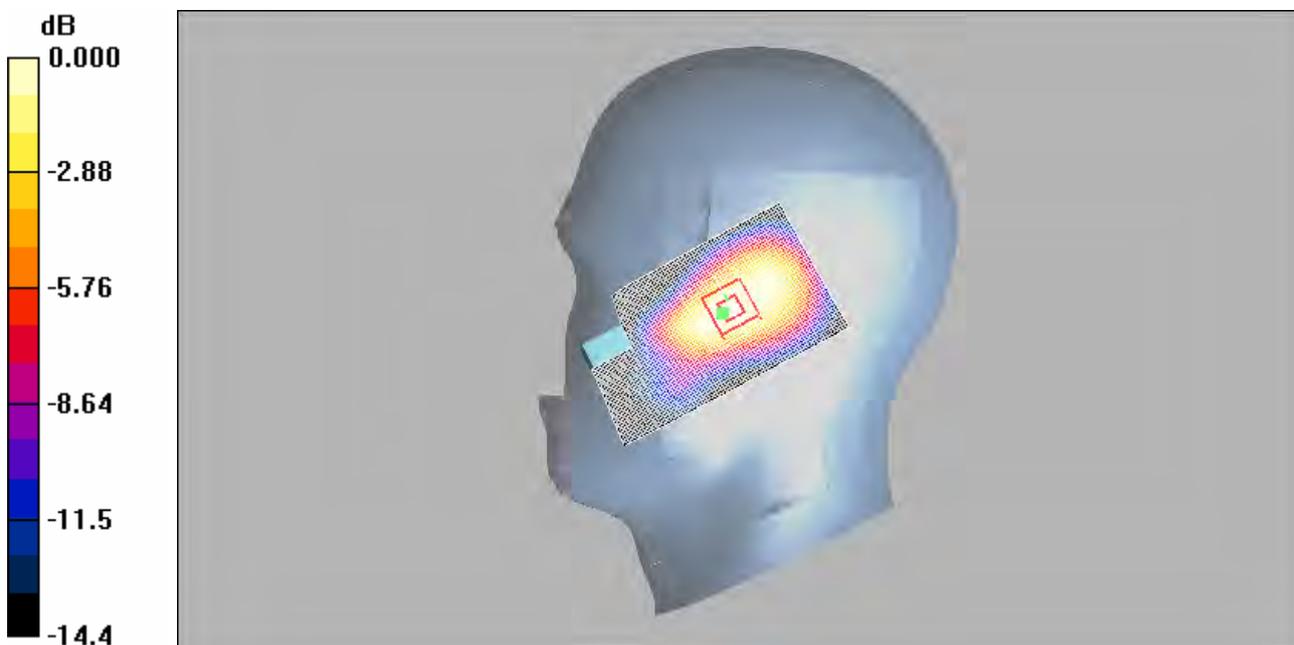
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.6 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.652 mW/g

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



0 dB = 1.02mW/g

Fig.91 Right Hand Touch Cheek 850MHz CH190

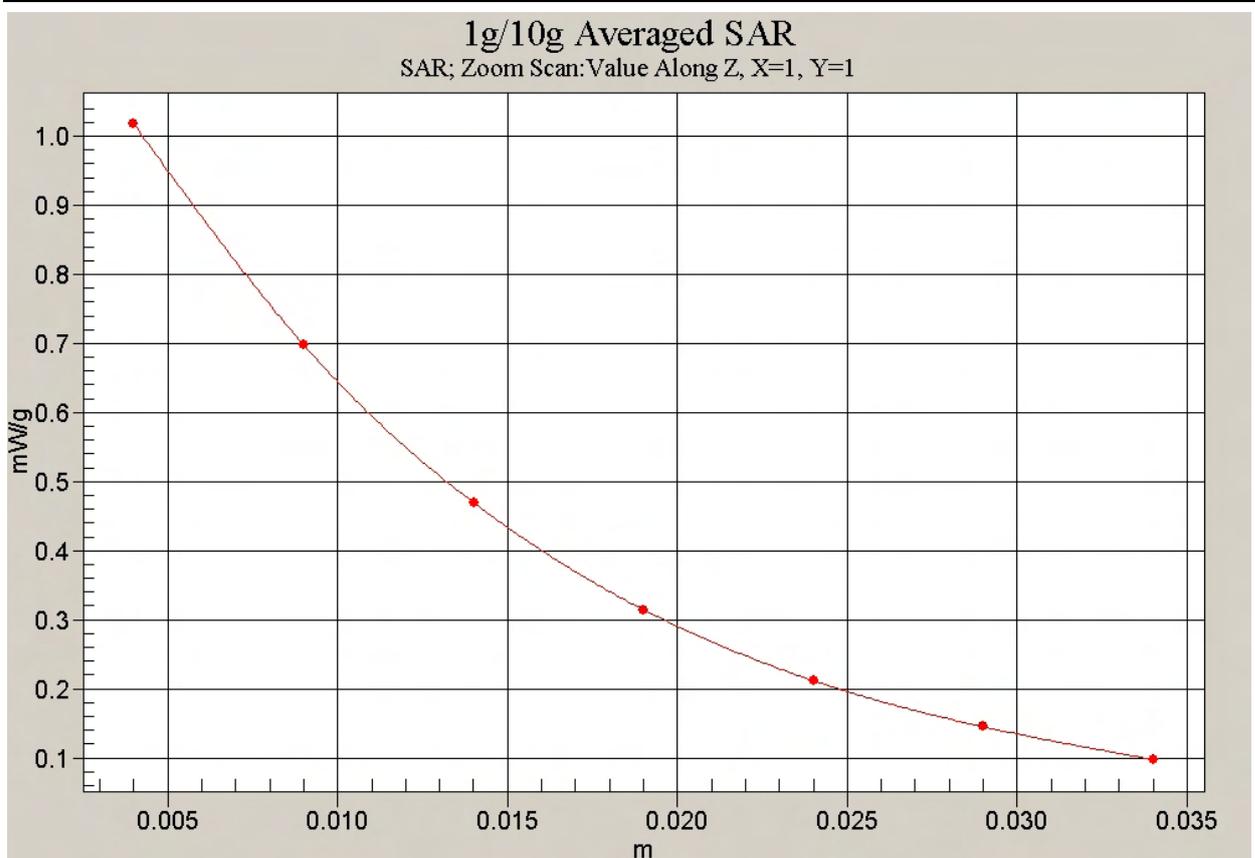


Fig. 92 Z-Scan at power reference point (850MHz CH190)

850 Right Cheek Low

Date/Time: 2007-11-13 19:03:46

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used: $f = 825$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 43.9$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

Cheek Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.08 mW/g**Cheek Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.1 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.895 mW/g

**Fig. 93 Right Hand Touch Cheek 850MHz CH128**

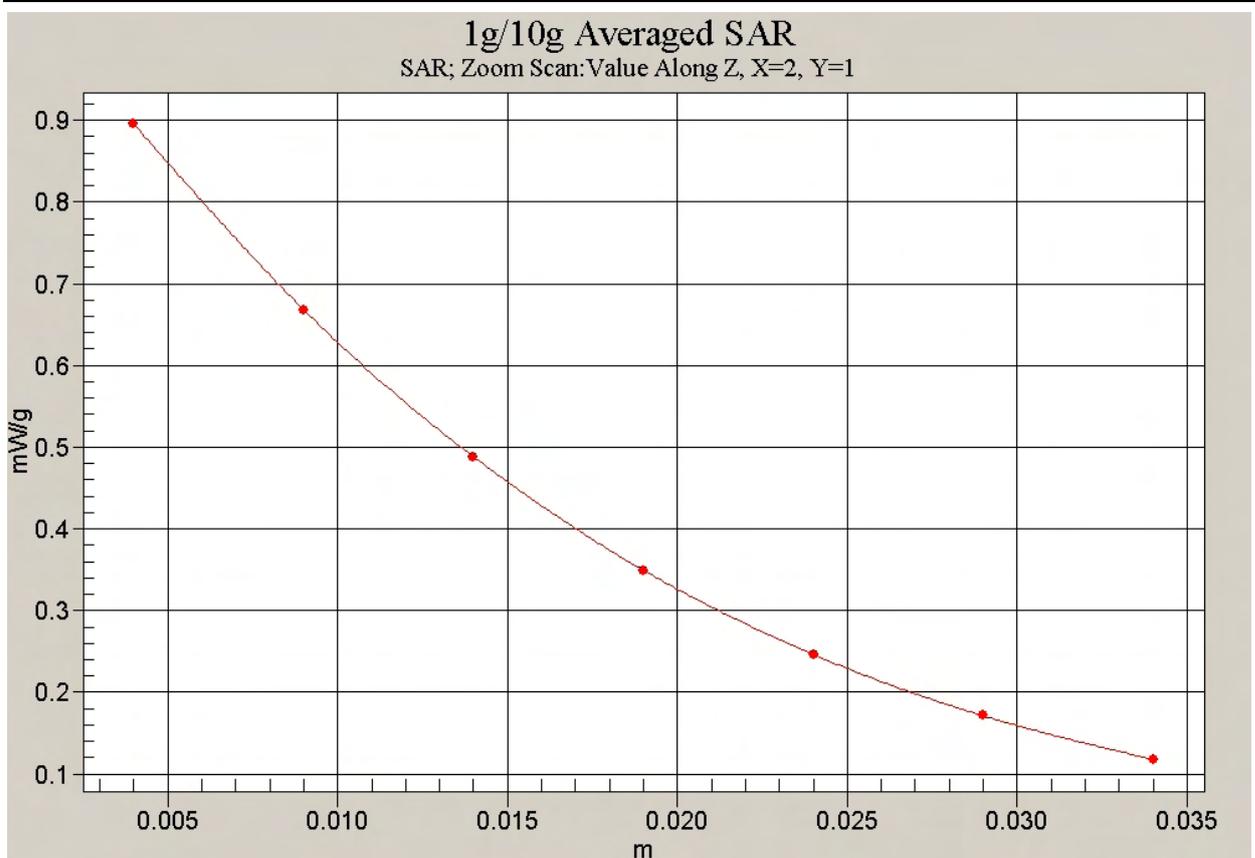


Fig. 94 Z-Scan at power reference point (850MHz CH128)

850 Right Tilt High

Date/Time: 2007-11-13 19:48:03

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.917$ mho/m; $\epsilon_r = 43.7$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 0.625 mW/g

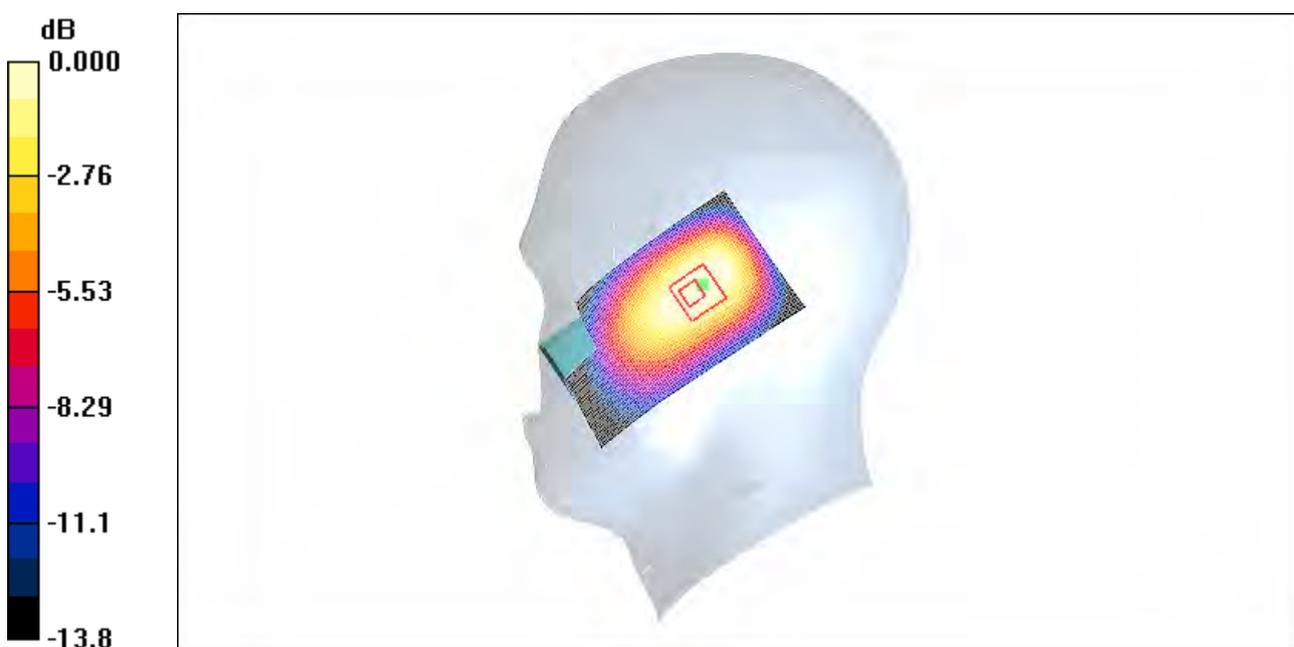
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.578 mW/g



0 dB = 0.578mW/g

Fig. 95 Right Hand Tilt 15°850MHz CH251

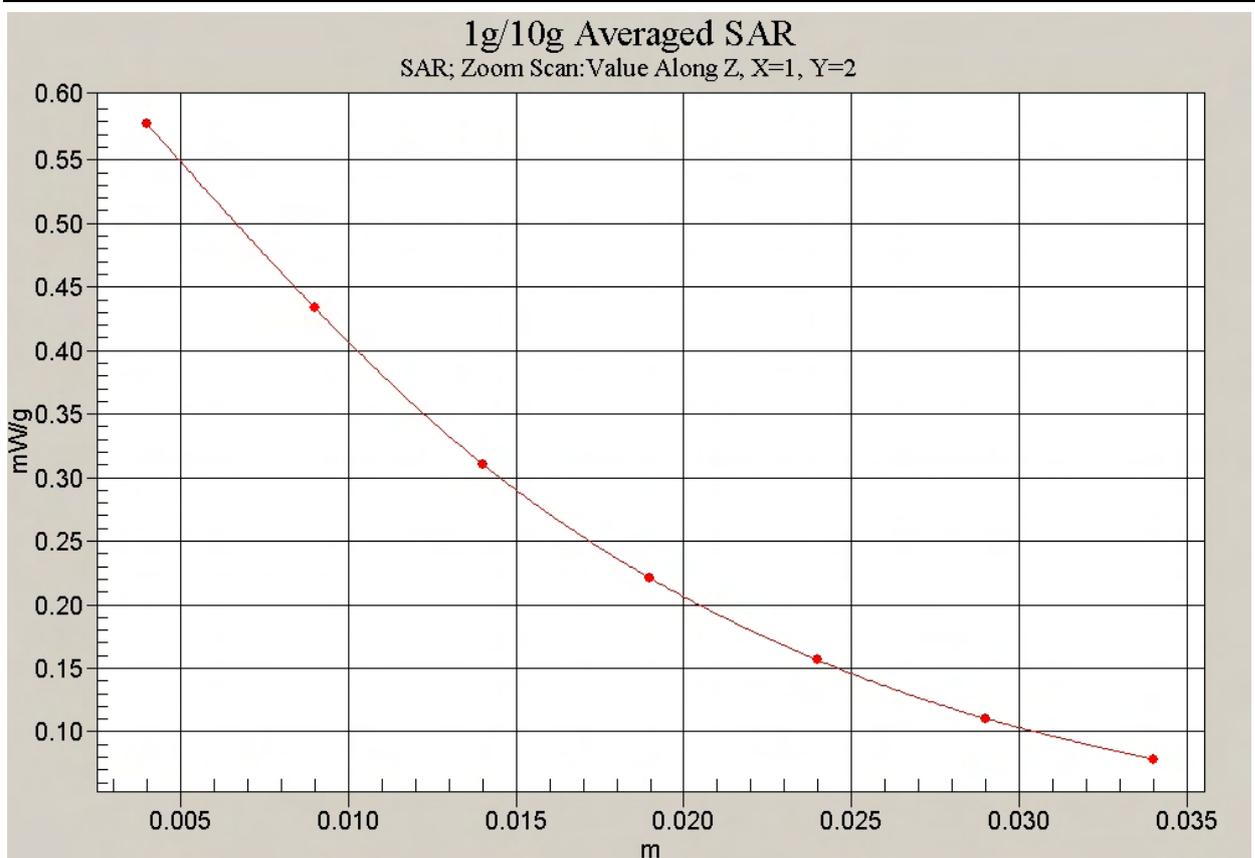


Fig. 96 Z-Scan at power reference point (850MHz CH251)

850 Right Tilt Middle

Date/Time: 2007-11-13 19:29:53

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 43.8$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 0.665 mW/g

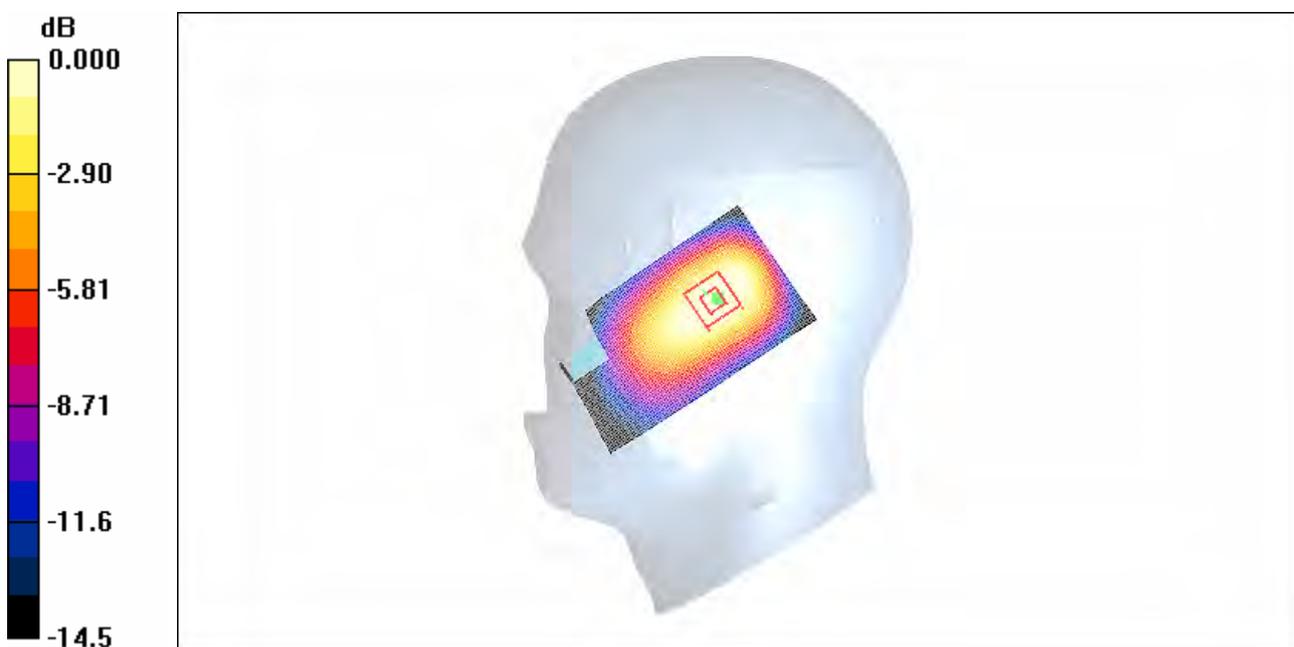
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.588mW/g

Fig. 97 Right Hand Tilt 15°850MHz CH190

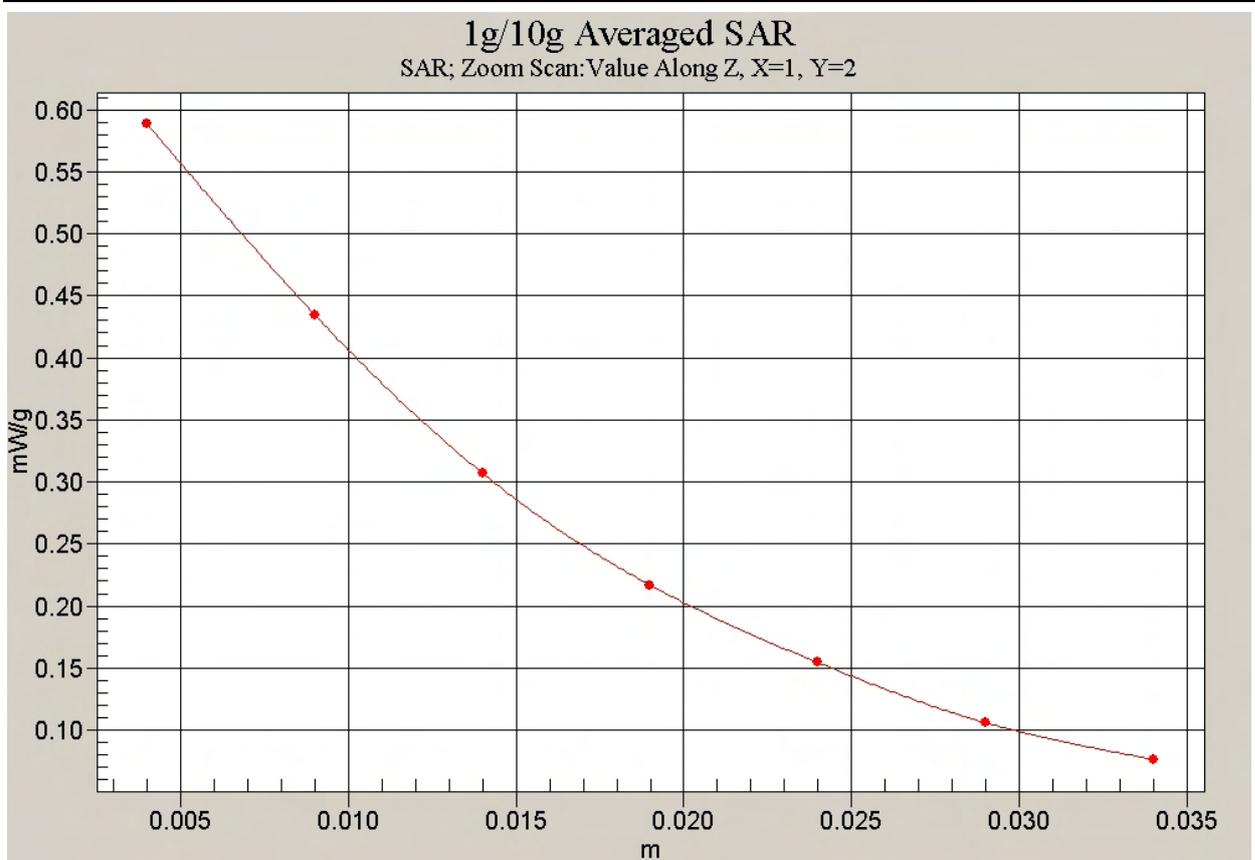


Fig. 98 Z-Scan at power reference point (850MHz CH190)

850 Right Tilt Low

Date/Time: 2007-11-13 19:15:02

Electronics: DAE4 Sn777

Medium: 850 Head

Medium parameters used: $f = 825$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 43.9$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.51, 6.51, 6.51)

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

Maximum value of SAR (interpolated) = 0.691 mW/g

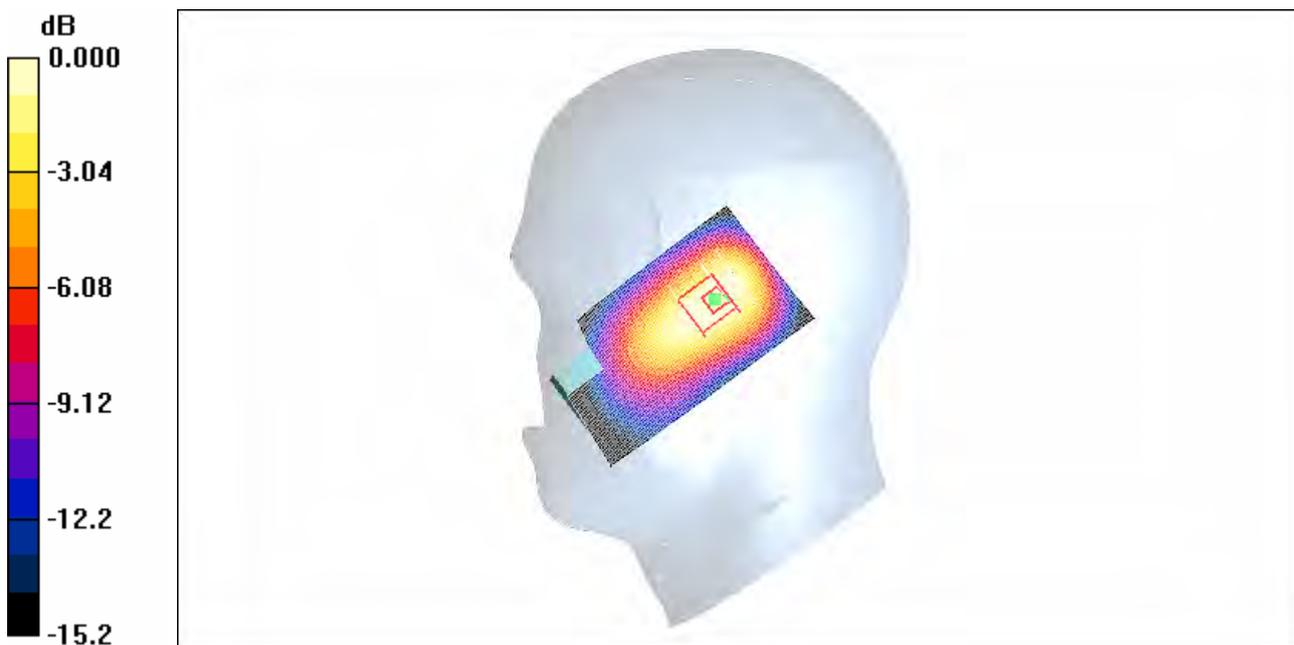
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.636 mW/g



0 dB = 0.636mW/g

Fig. 99 Right Hand Tilt 15°850MHz CH128

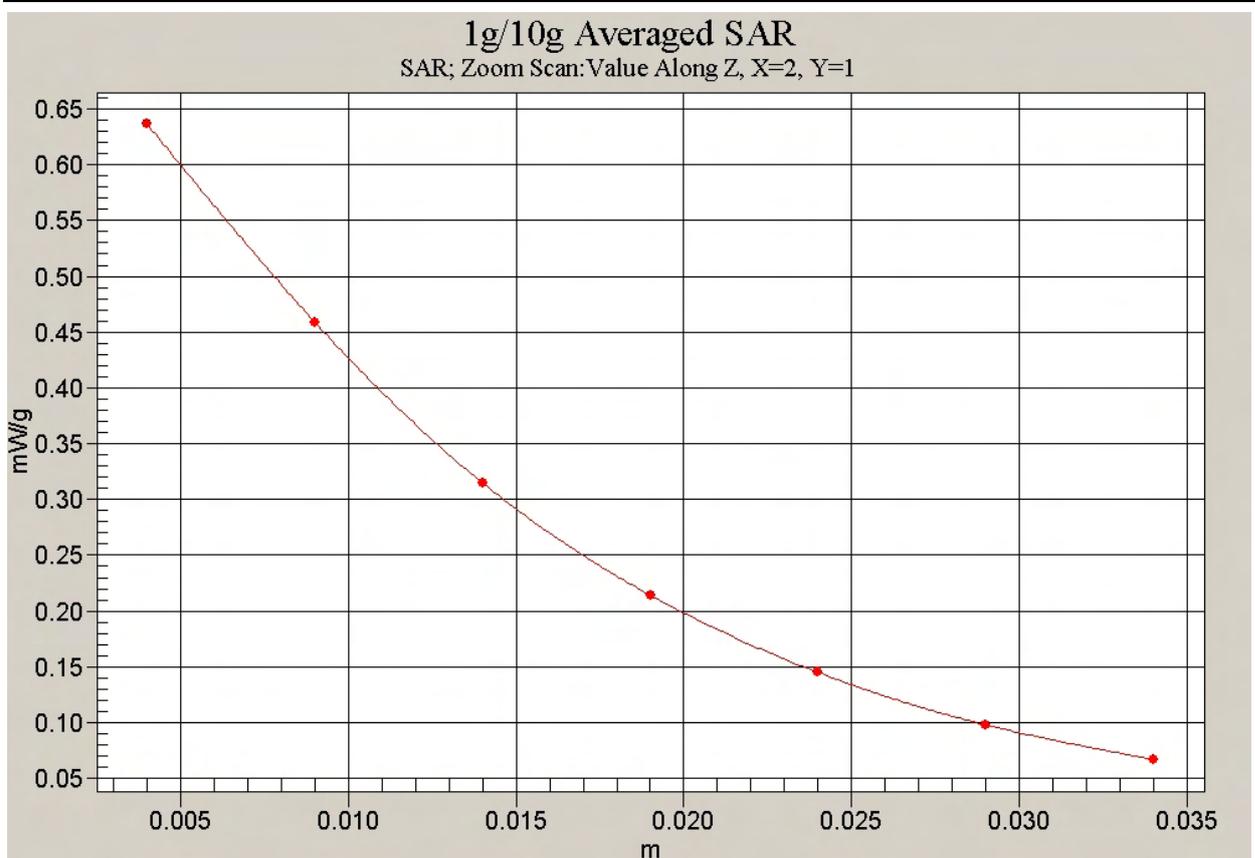


Fig. 100 Z-Scan at power reference point (850MHz CH128)

850 Body Toward Ground High with GPRS

Date/Time: 2007-11-13 16:32:39

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.45,6.45,6.45)

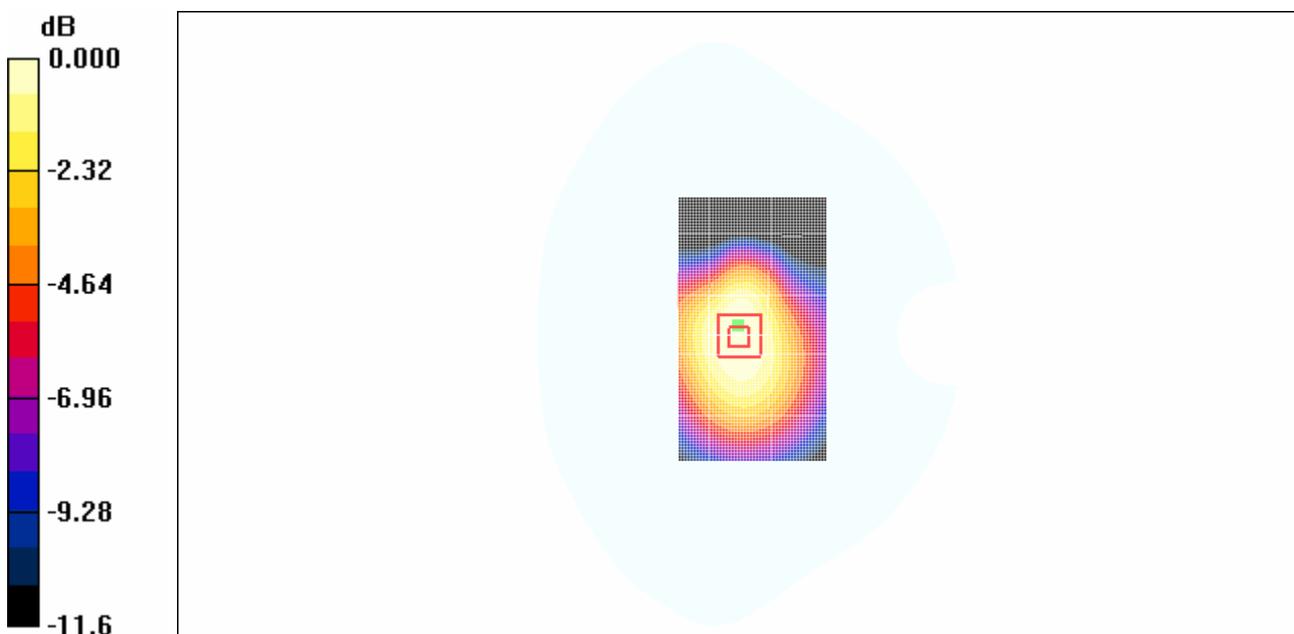
Toward Ground High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.14 mW/g**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.4 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.38 W/kg

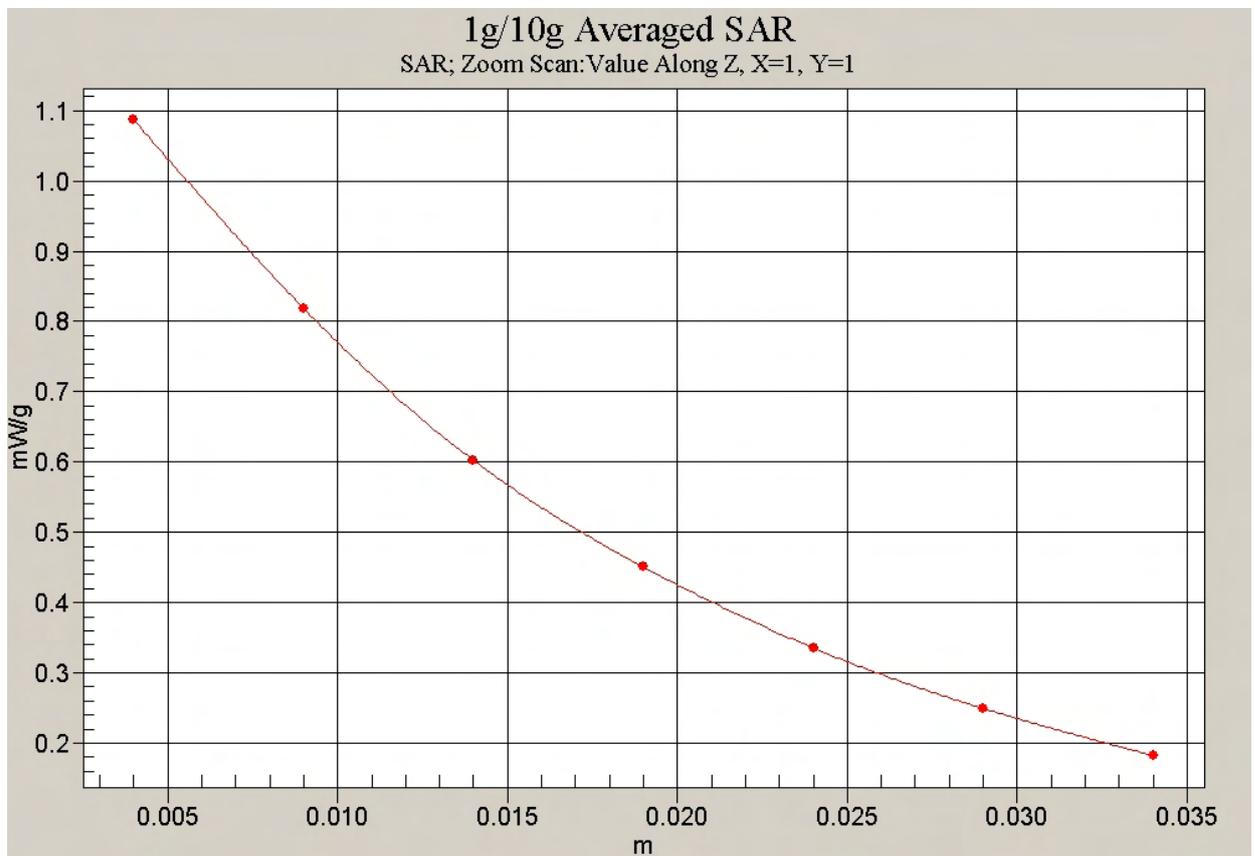
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.747 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

Fig. 101 850MHz Body, Towards Ground with GPRS, CH251



**Fig. 102 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH251)**

850 Body Toward Ground Middle with GPRS

Date/Time: 2007-11-13 16:20:54

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ 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: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 1.07 mW/g

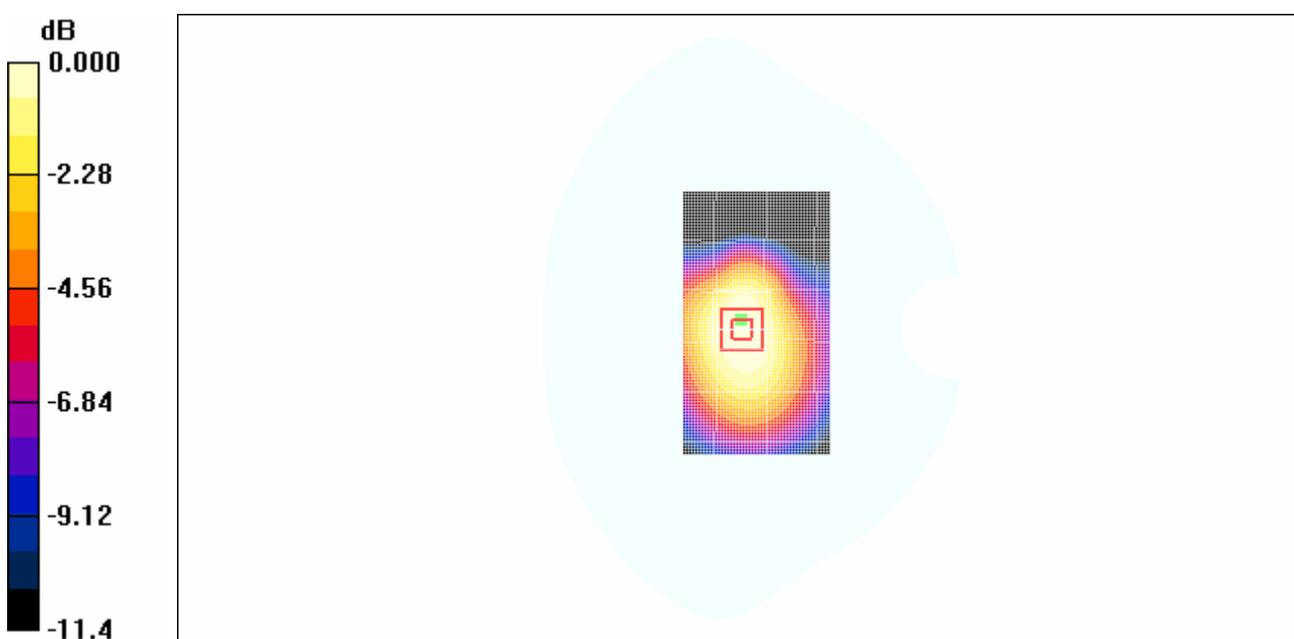
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.4 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.29 W/kg

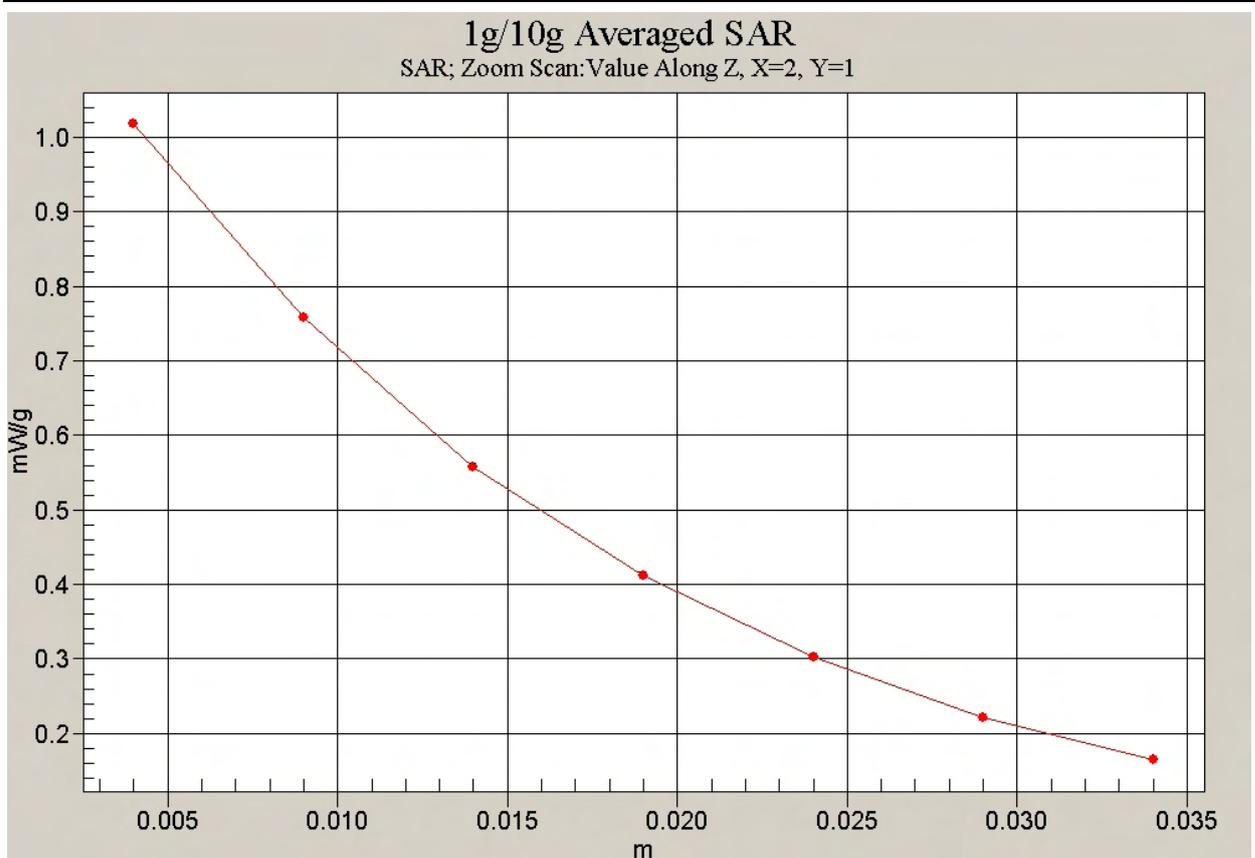
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.702 mW/g

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



0 dB = 1.02mW/g

Fig. 103 850MHz Body, Towards Ground with GPRS, CH190



**Fig. 104 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH190)**

850 Body Toward Ground Low with GPRS

Date/Time: 2007-11-13 16:08:37

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.944 mW/g

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

Reference Value = 31.6 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 0.910 mW/g

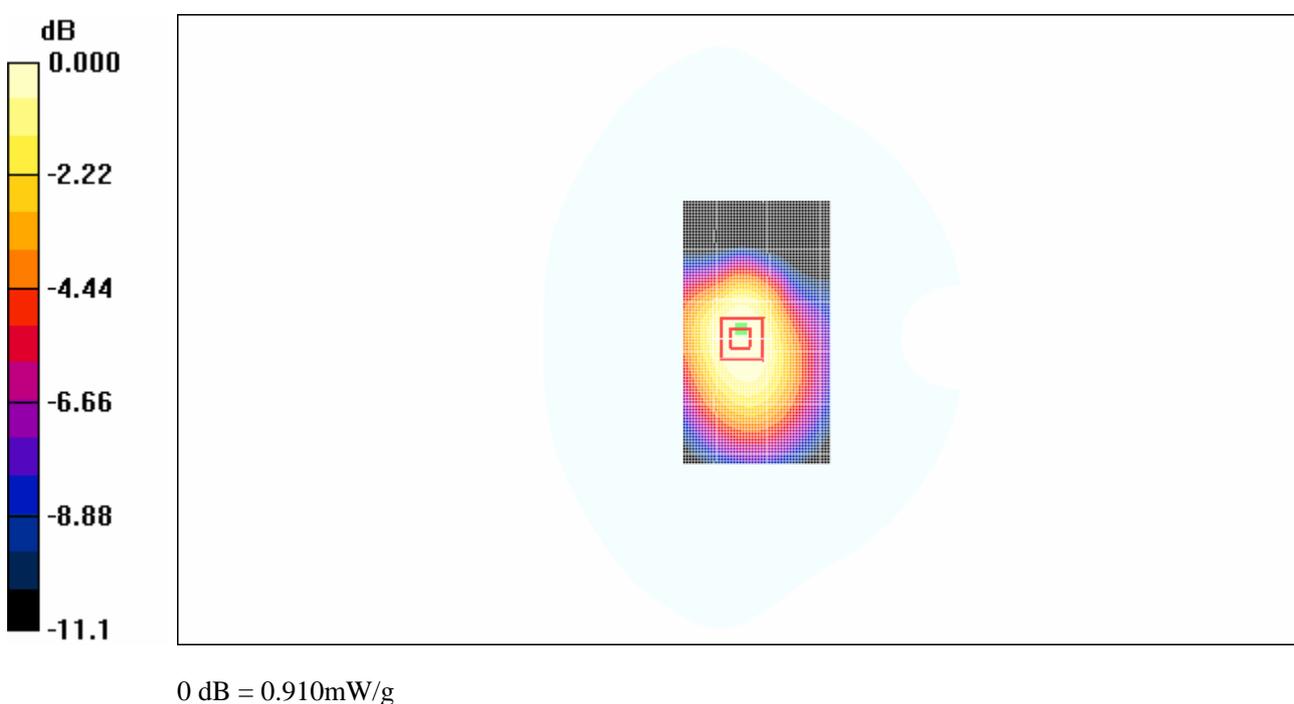
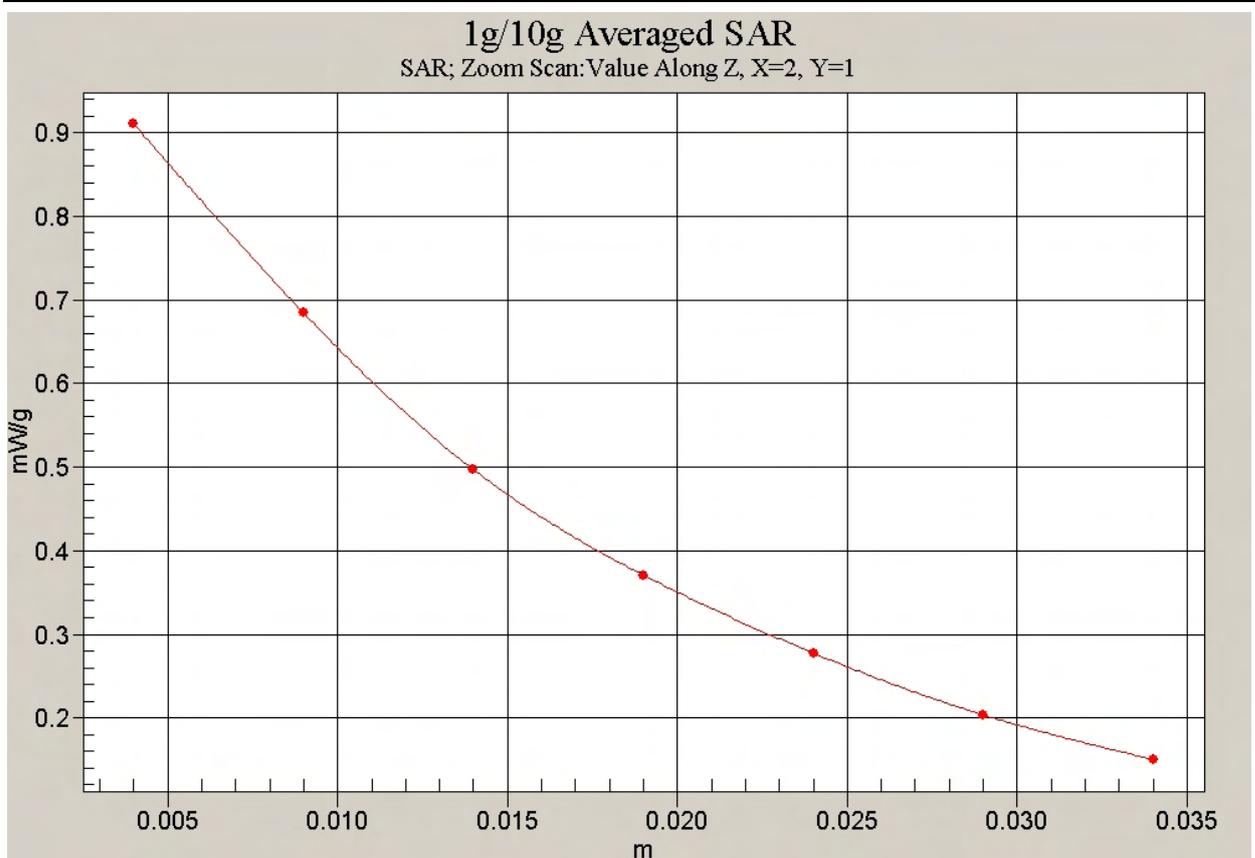


Fig. 105 850MHz Body, Towards Ground with GPRS, CH128



**Fig. 106 Z-Scan at power reference point
(850MHz Body, Towards Ground with GPRS, CH128)**

850 Body Toward Phantom High with GPRS

Date/Time: 2007-11-13 15:30:29

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

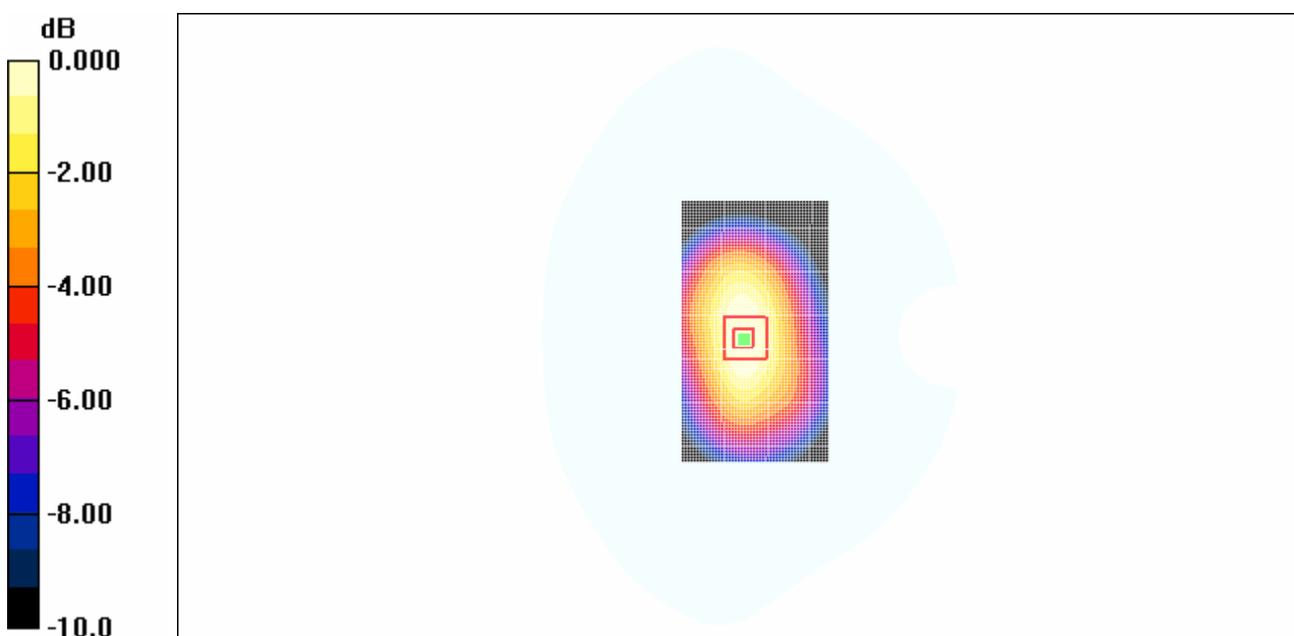
Toward Phantom High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.535 mW/g**Toward Phantom High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.598 W/kg

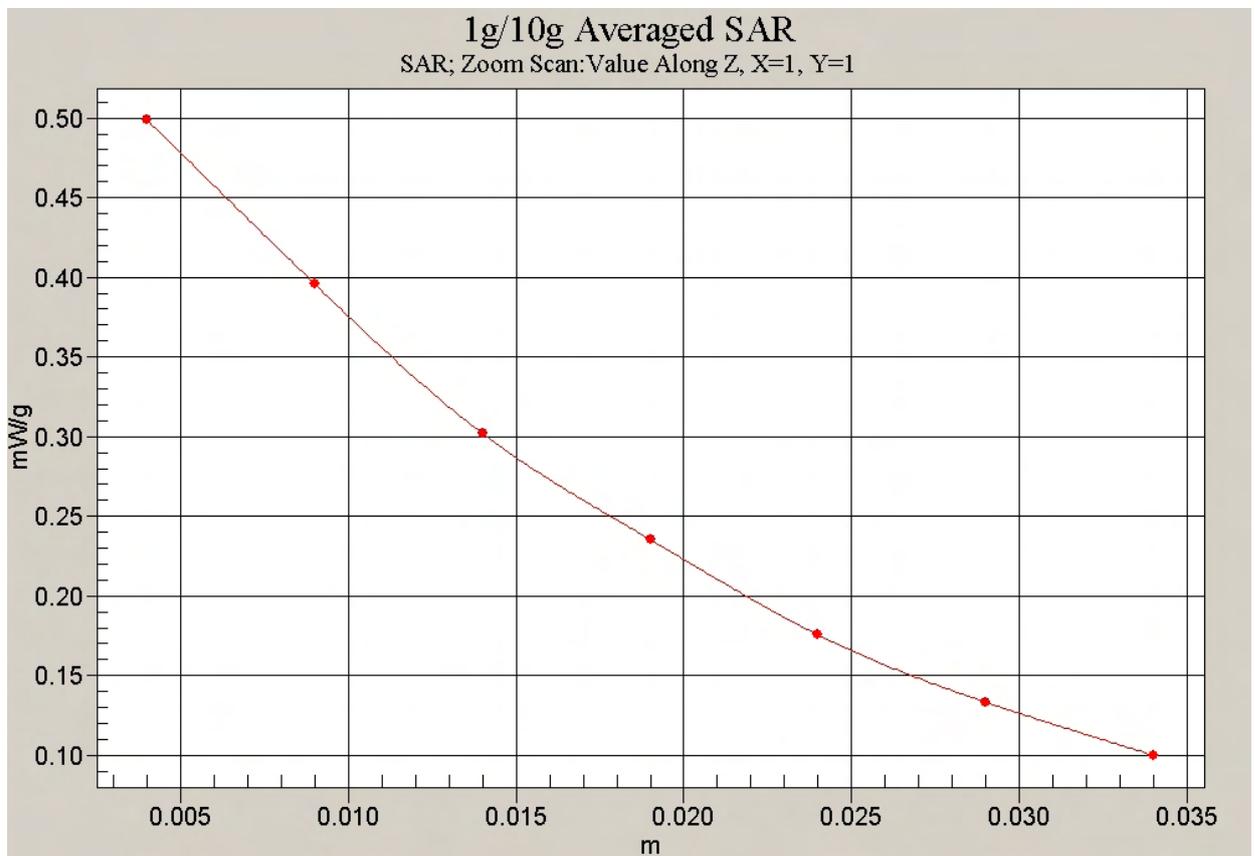
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g

Fig. 107 850MHz Body, Towards Phantom with GPRS, CH251



**Fig. 108 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH251)**

850 Body Toward Phantom Middle with GPRS

Date/Time: 2007-11-13 15:43:02

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ 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: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

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

Maximum value of SAR (interpolated) = 0.604 mW/g

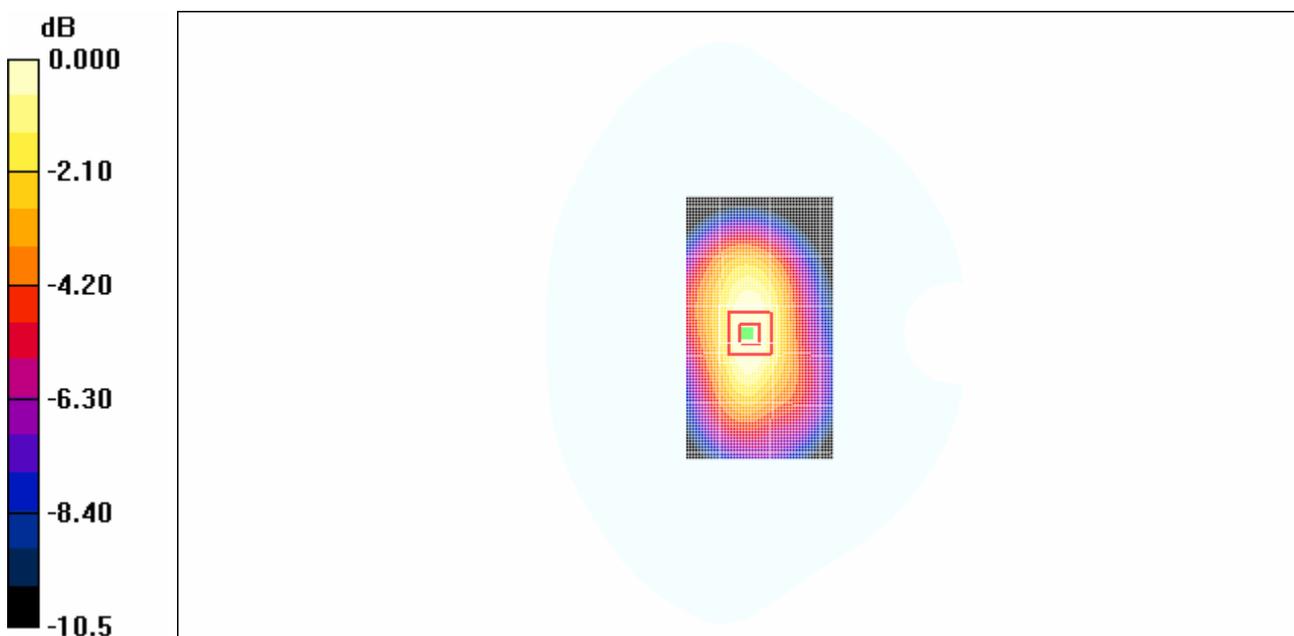
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.680 W/kg

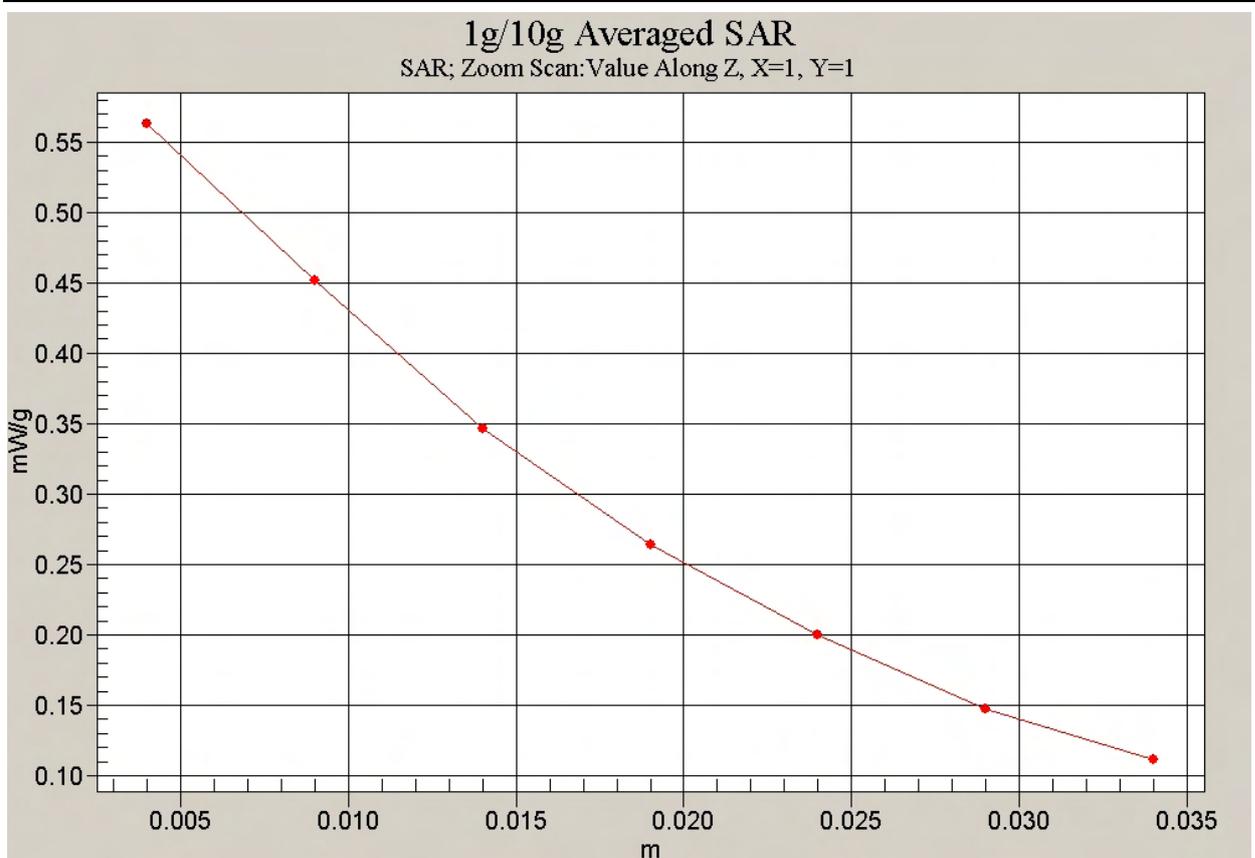
SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.399 mW/g

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



0 dB = 0.563mW/g

Fig. 109 850MHz Body, Towards Phantom with GPRS, CH190



**Fig. 110 Z-Scan at power reference point
(850MHz Body, Towards Phantom with GPRS, CH190)**

850 Body Toward Phantom Low with GPRS

Date/Time: 2007-11-13 15:52:26

Electronics: DAE4 Sn777

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ 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: ET3DV6 - SN1736 ConvF(6.45, 6.45, 6.45)

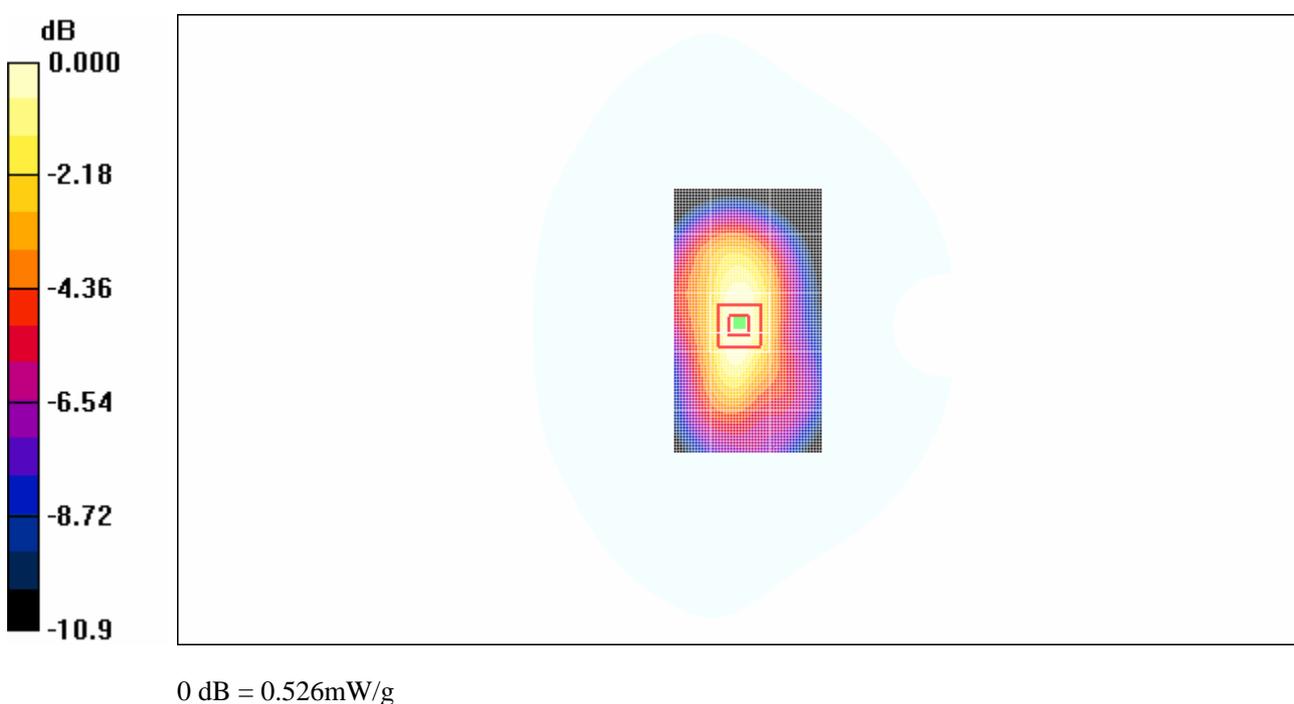
Toward Phantom Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.569 mW/g**Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.0 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.365 mW/g

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

**Fig. 111 850MHz Body, Towards Phantom with GPRS, CH128**