

**Fig. 76 Z-Scan at power reference point
(WCDMA 1900MHz, Body, Towards Ground with Bluetooth, CH9400)**

850 Left Cheek High

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.581 mW/g

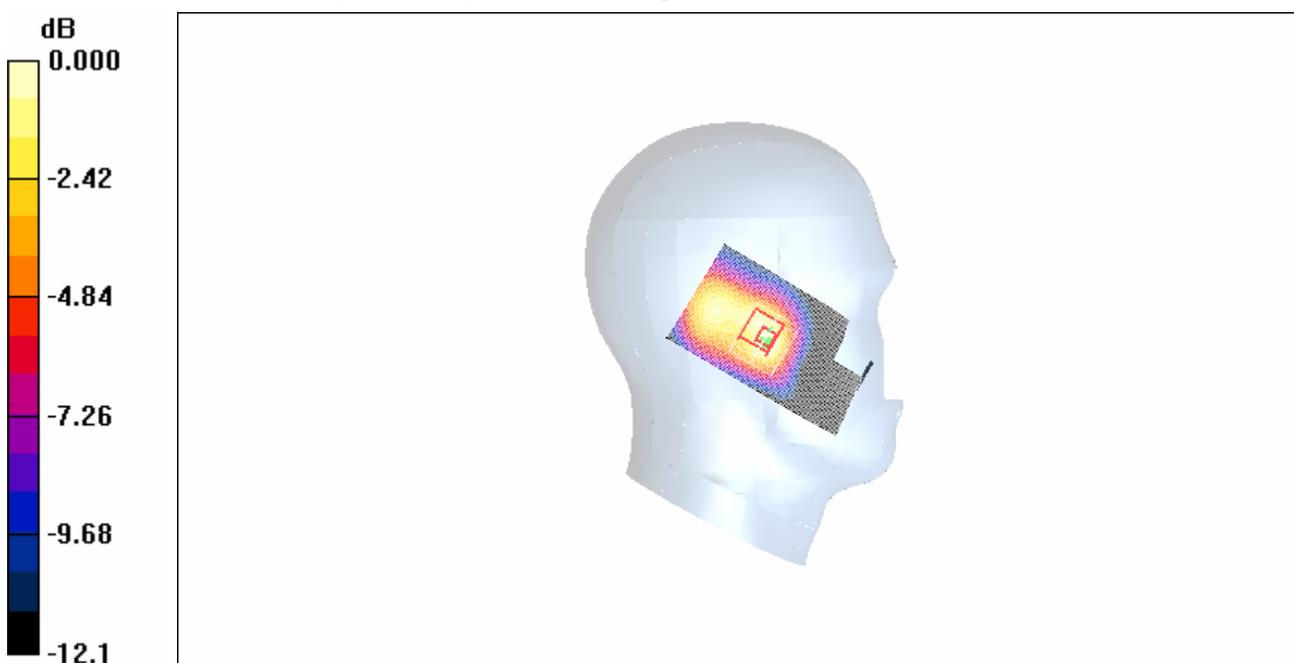
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.180 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.476mW/g

Fig. 77 Left Hand Touch Cheek 850MHz CH251

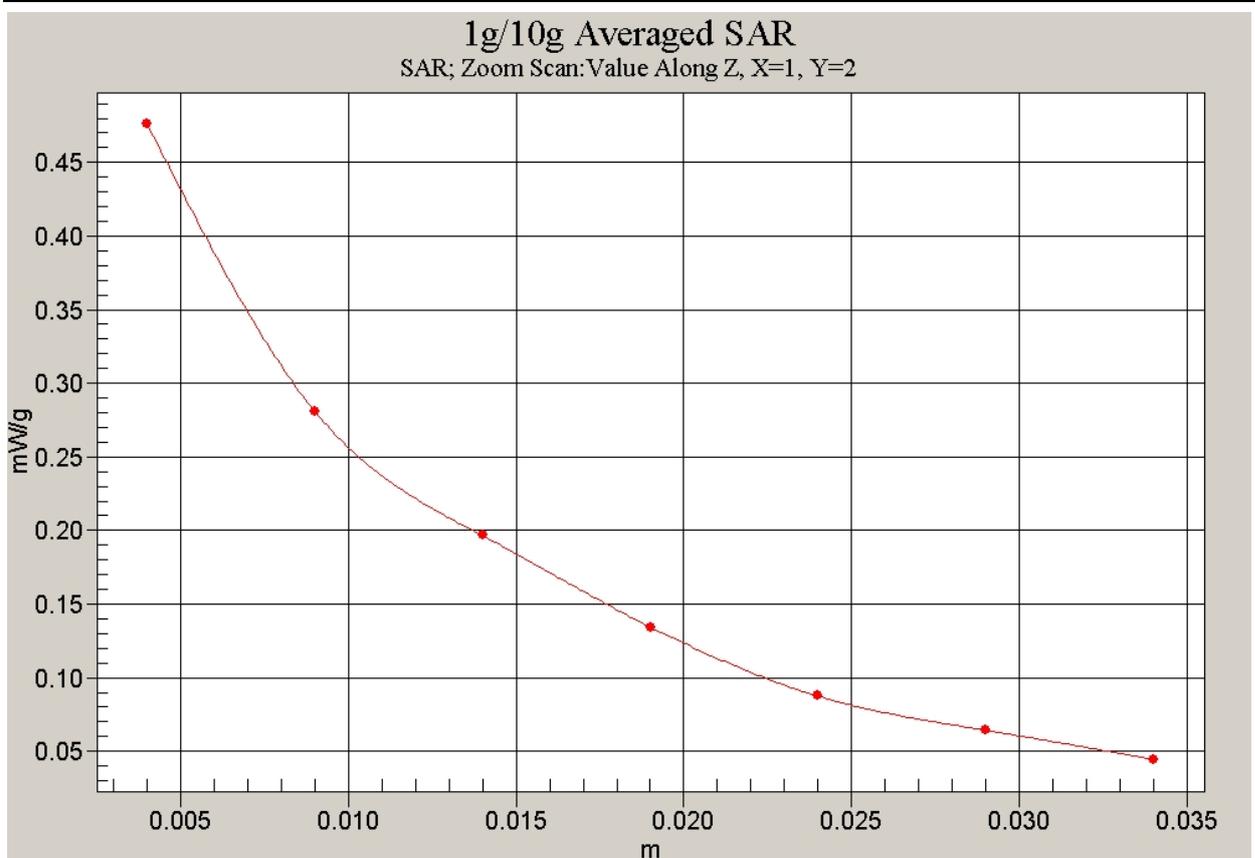


Fig. 78 Z-Scan at power reference point (850MHz CH251)

850 Left Cheek Middle

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.625 mW/g

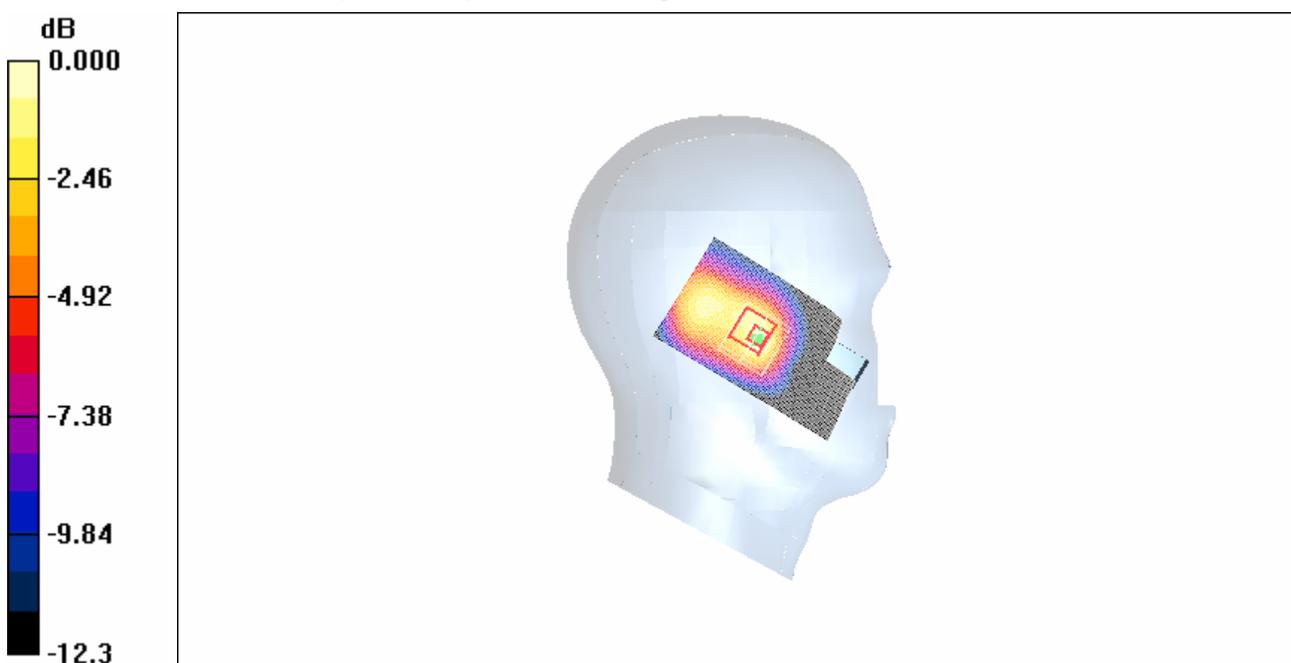
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.552mW/g

Fig. 79 Left Hand Touch Cheek 850MHz CH190

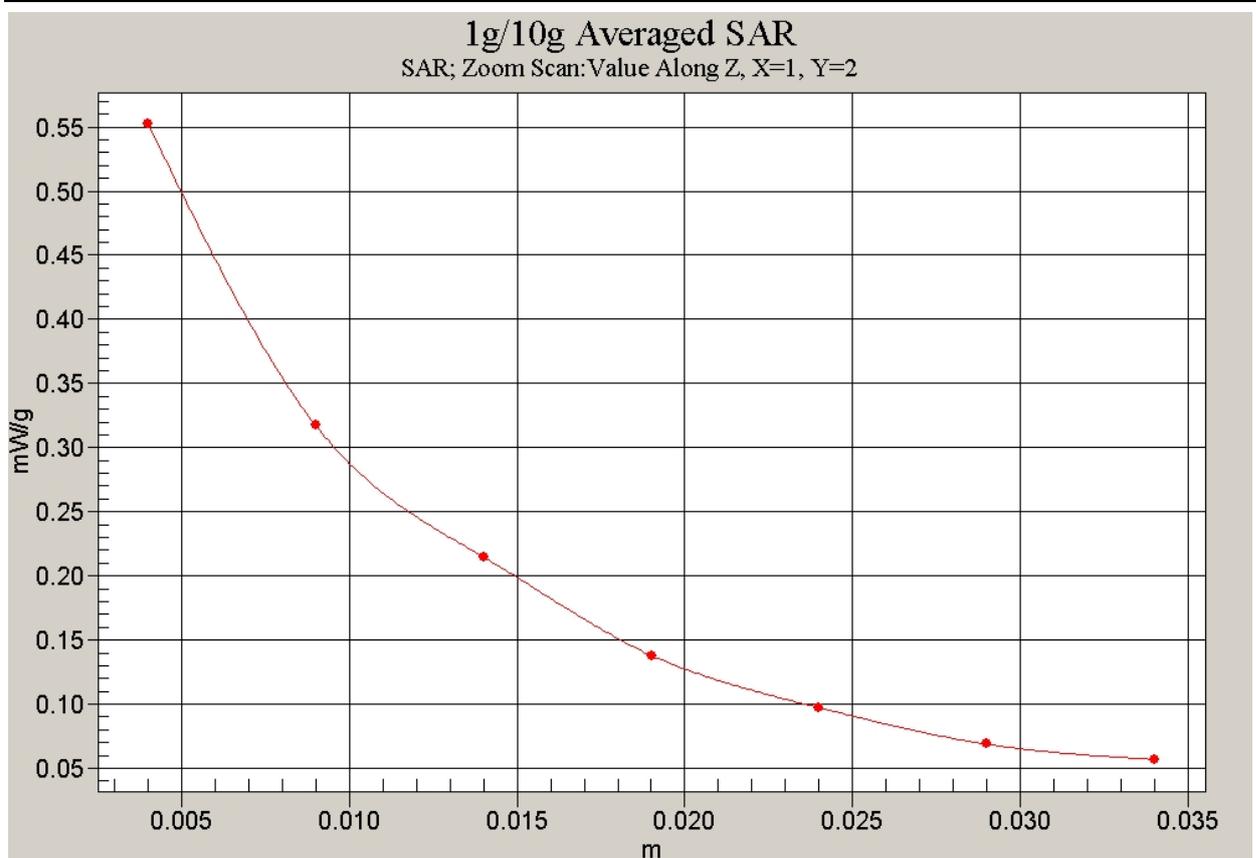


Fig. 80 Z-Scan at power reference point (850MHz CH190)

850 Left Cheek Low

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.528 mW/g

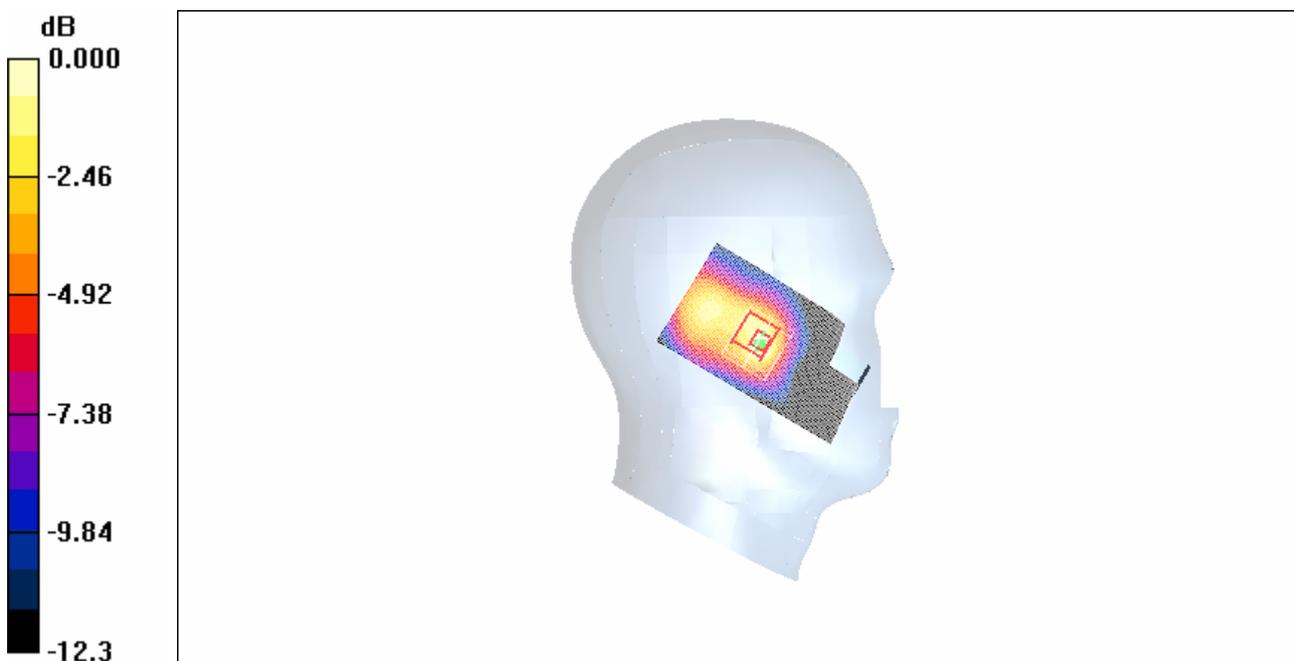
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.459 mW/g



0 dB = 0.459mW/g

Fig. 81 Left Hand Touch Cheek 850MHz CH128

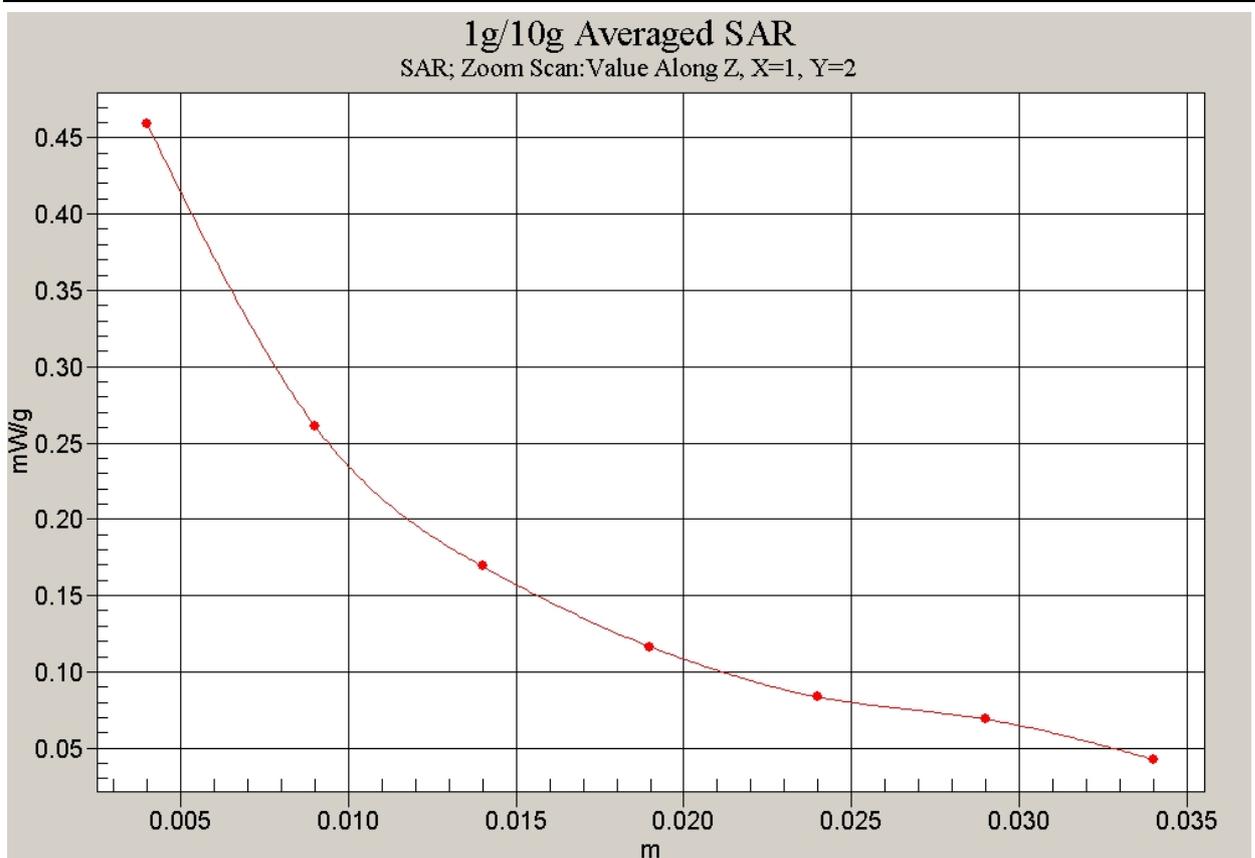


Fig. 82 Z-Scan at power reference point (850MHz CH128)

850 Left Tilt High

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.285 mW/g

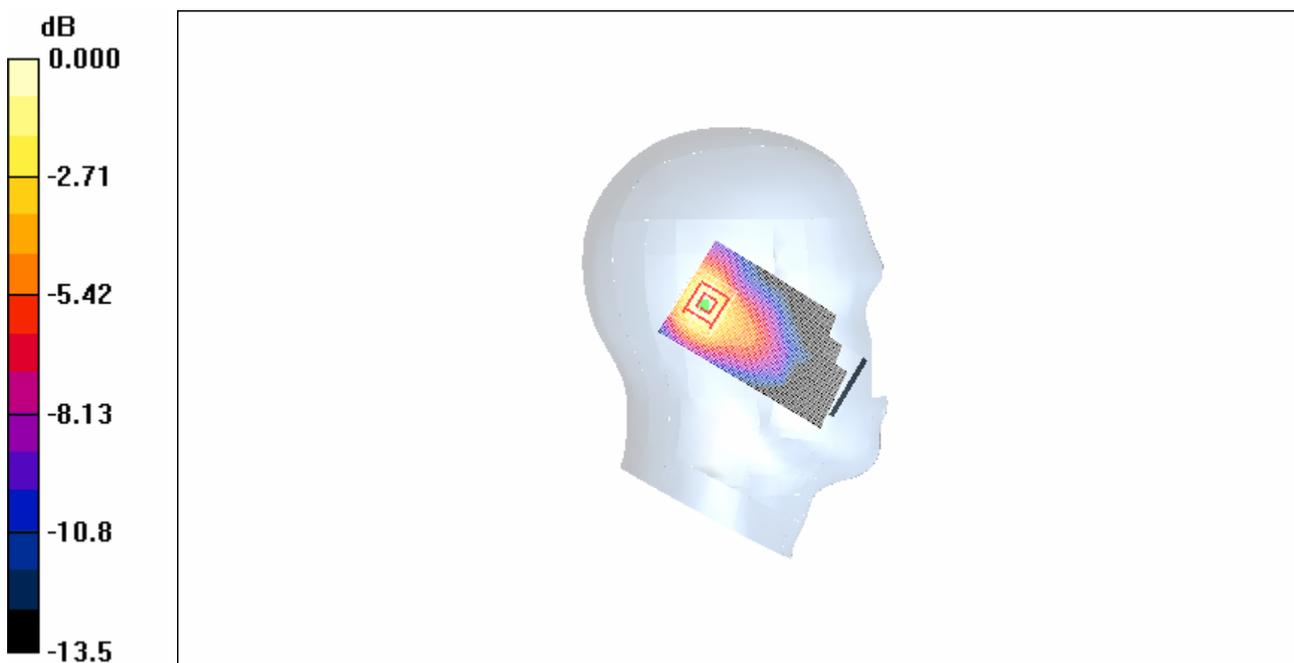
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.290 mW/g

**Fig. 83 Left Hand Tilt 15°850MHz CH251**

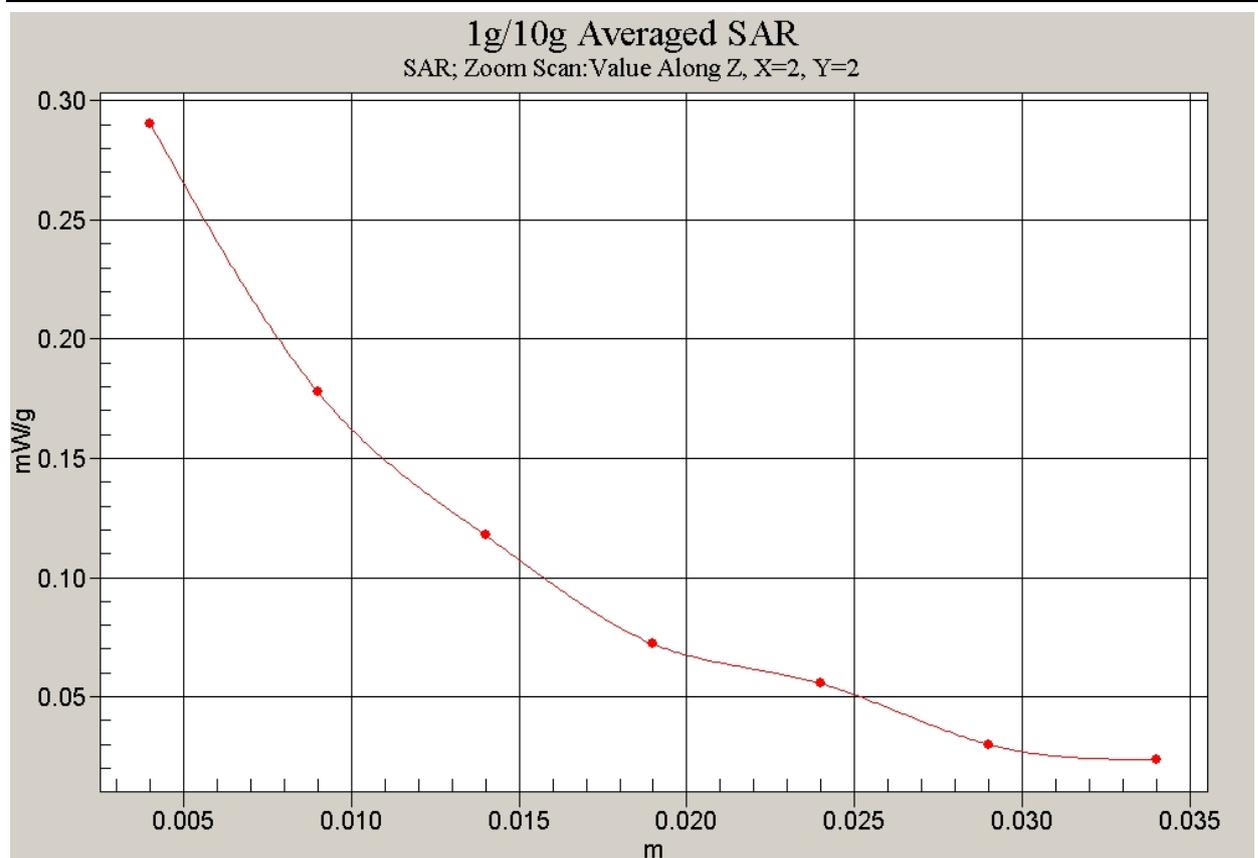


Fig. 84 Z-Scan at power reference point (850MHz CH251)

850 Left Tilt Middle

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.331 mW/g

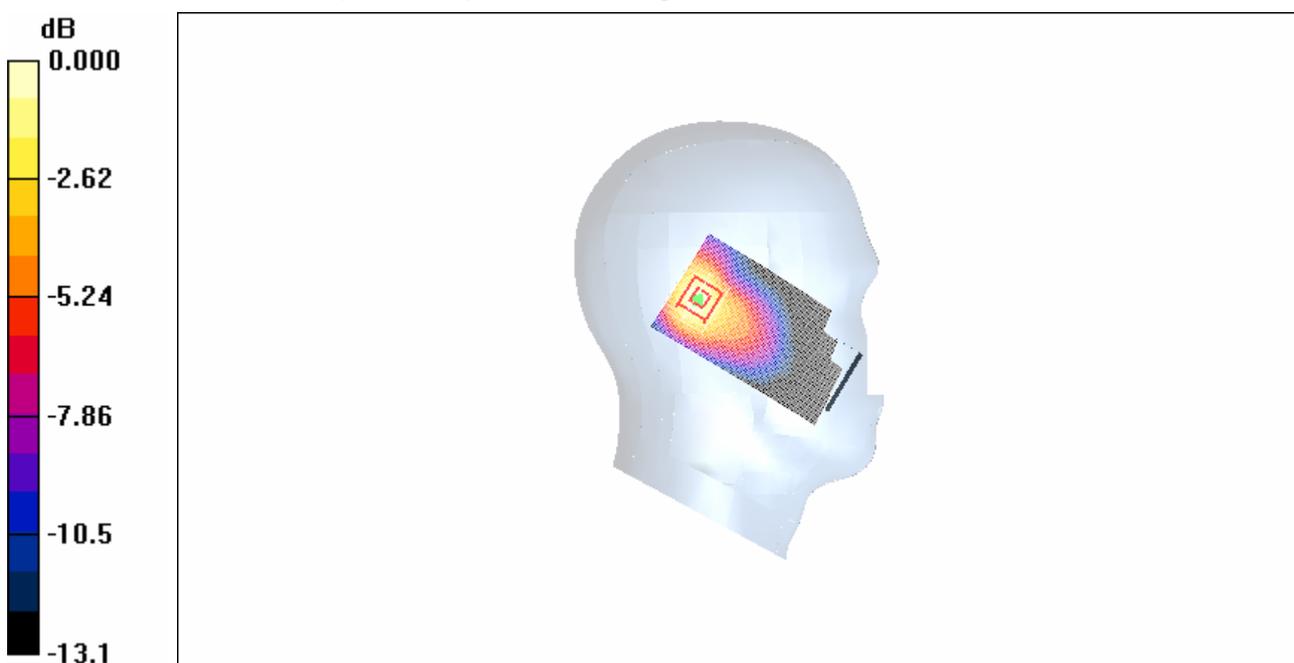
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.335mW/g

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

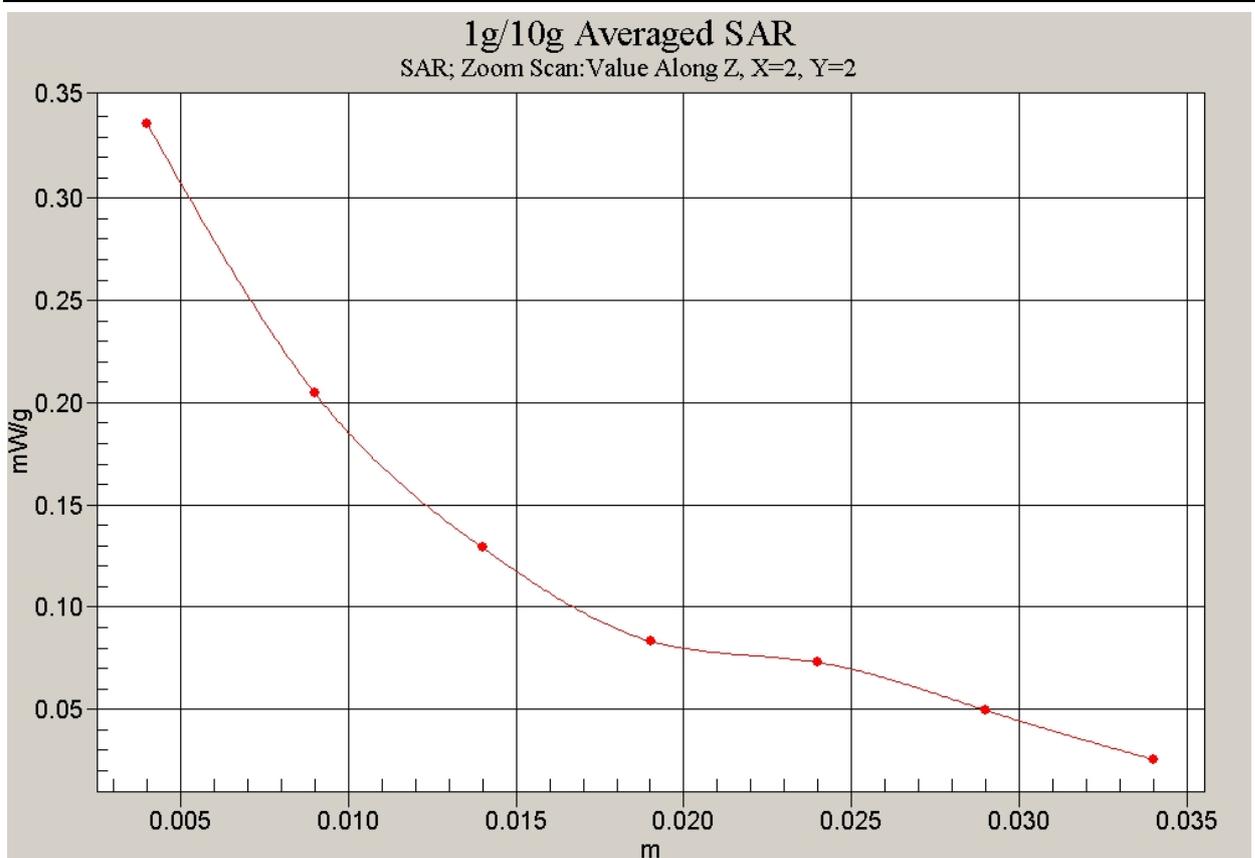


Fig. 86 Z-Scan at power reference point (850MHz CH190)

850 Left Tilt Low

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.259 mW/g

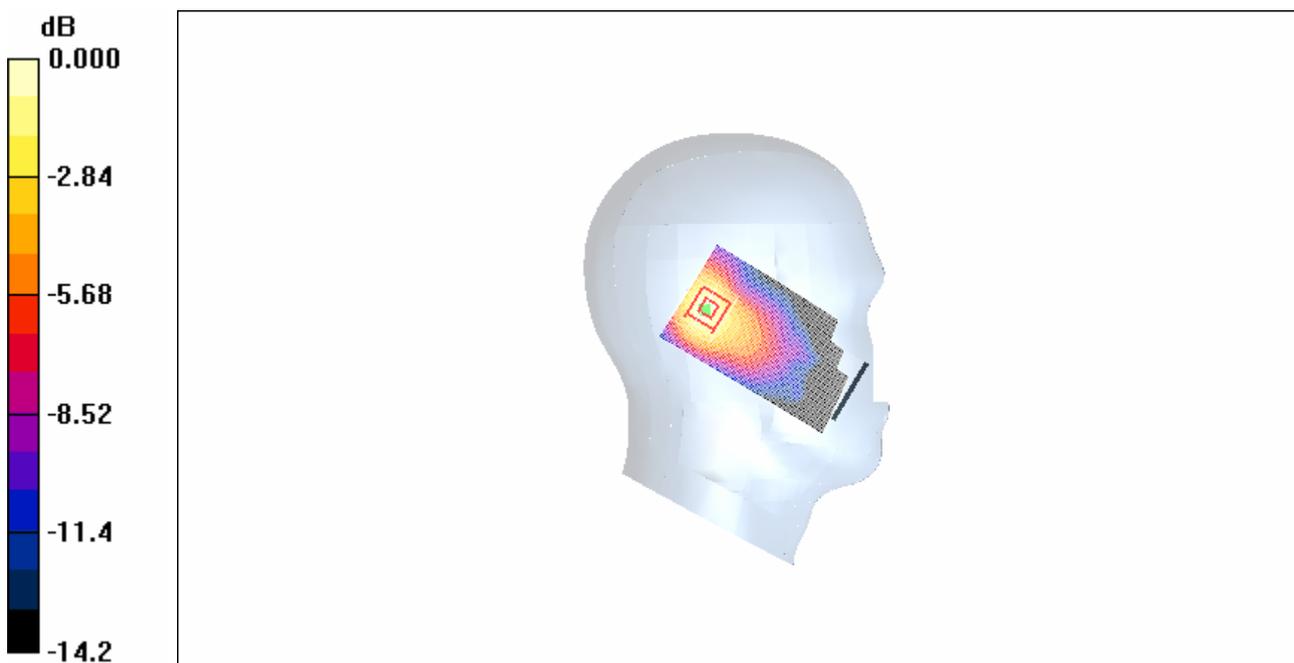
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.145 mW/g

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



0 dB = 0.265mW/g

Fig. 87 Left Hand Tilt 15°850MHz CH128

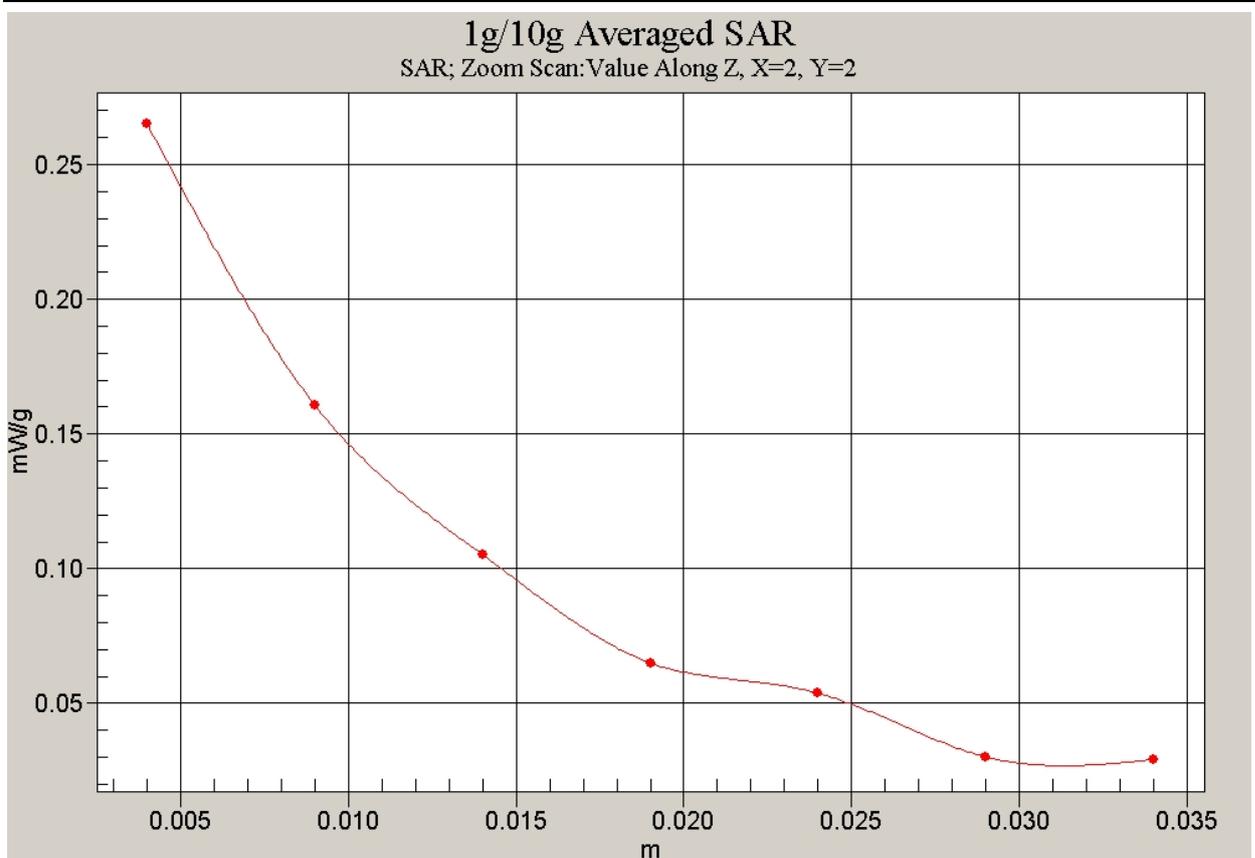


Fig. 88 Z-Scan at power reference point (850MHz CH128)

850 Right Cheek High

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.516 mW/g

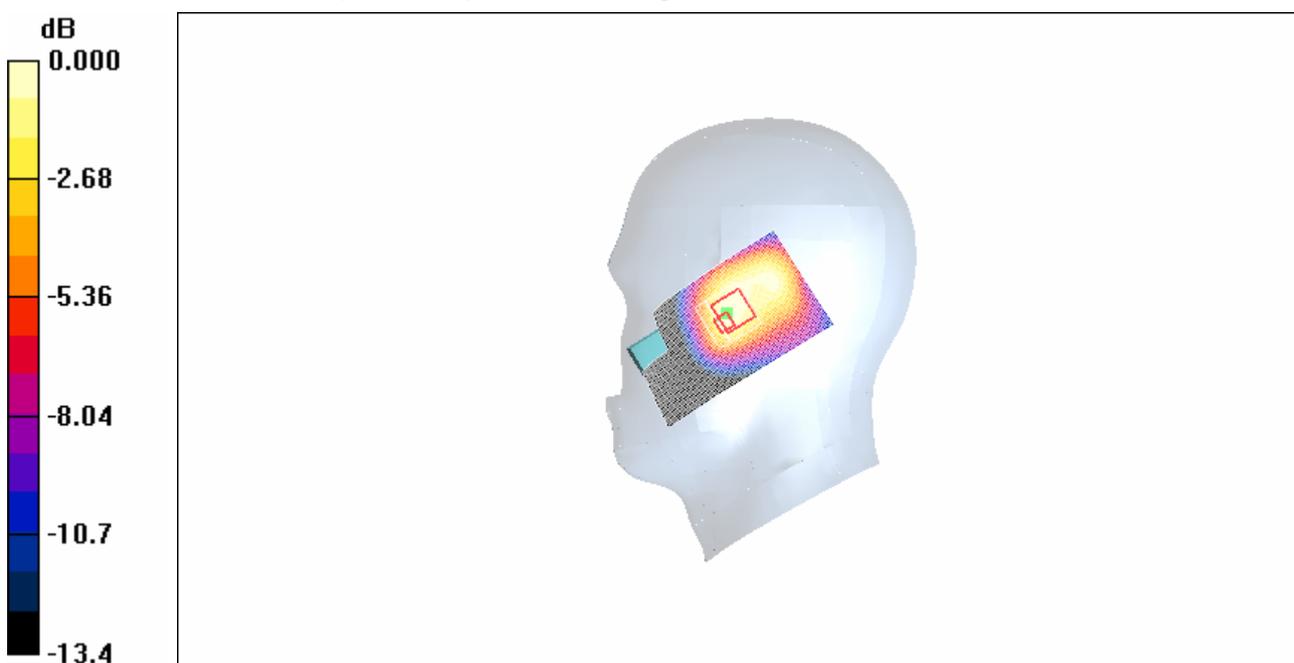
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.522 mW/g



0 dB = 0.522mW/g

Fig. 89 Right Hand Touch Cheek 850MHz CH251

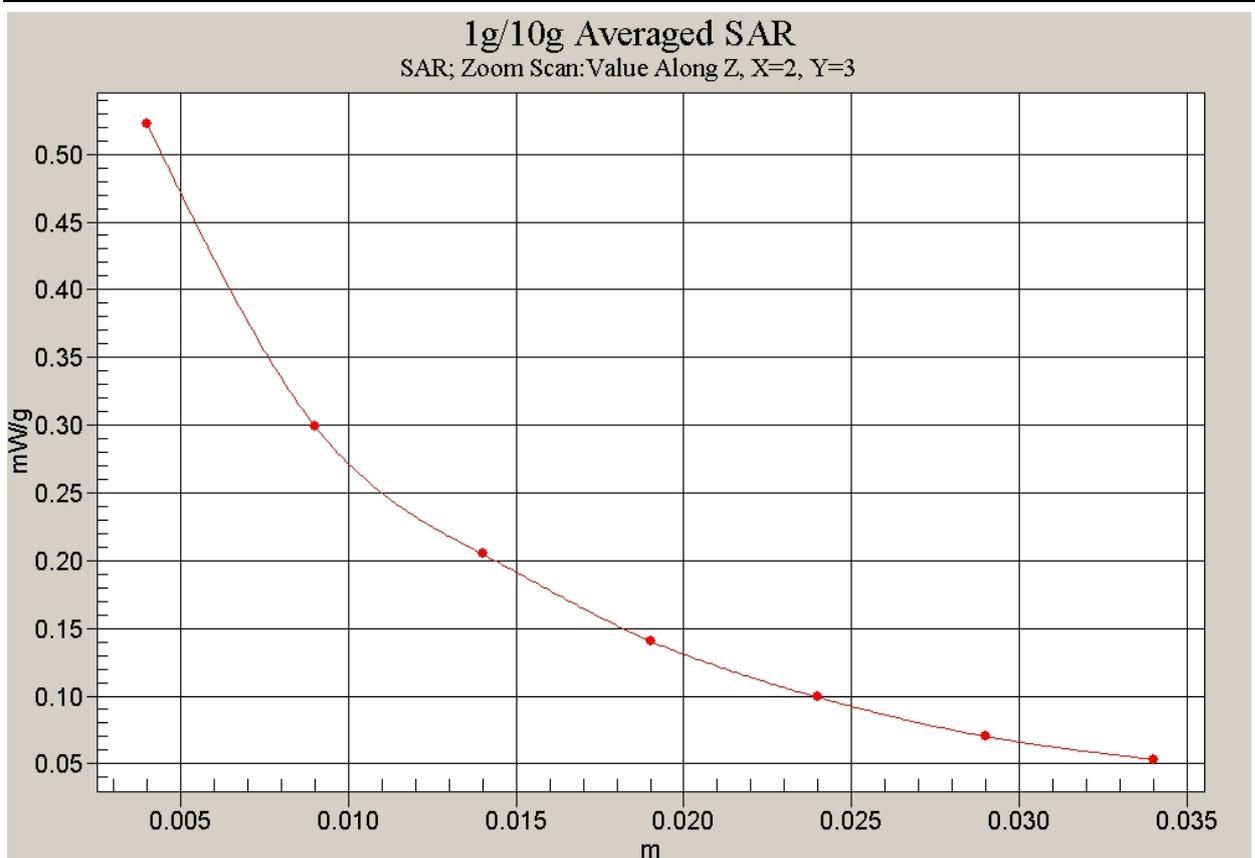


Fig. 90 Z-Scan at power reference point (850MHz CH251)

850 Right Cheek Middle

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

Probe: ET3DV6 - SN1738 ConvF(7, 7, 7)

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

Maximum value of SAR (interpolated) = 0.561 mW/g

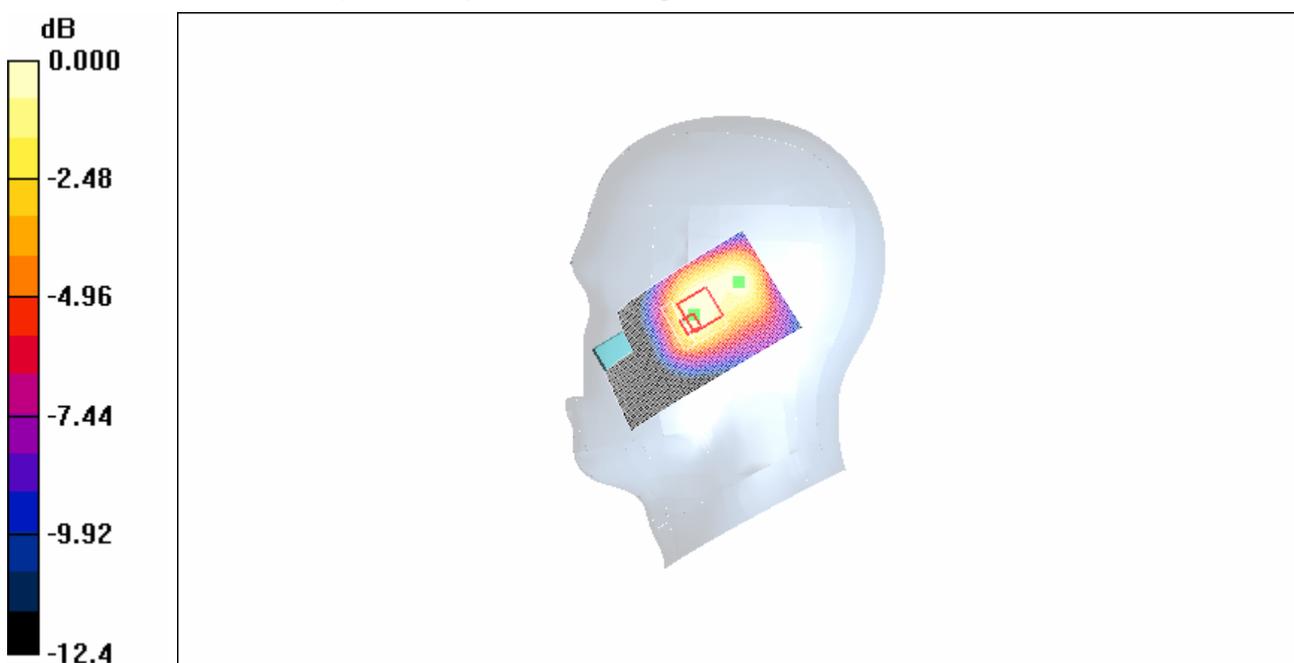
Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.327 mW/g

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



0 dB = 0.526mW/g

Fig.91 Right Hand Touch Cheek 850MHz CH190

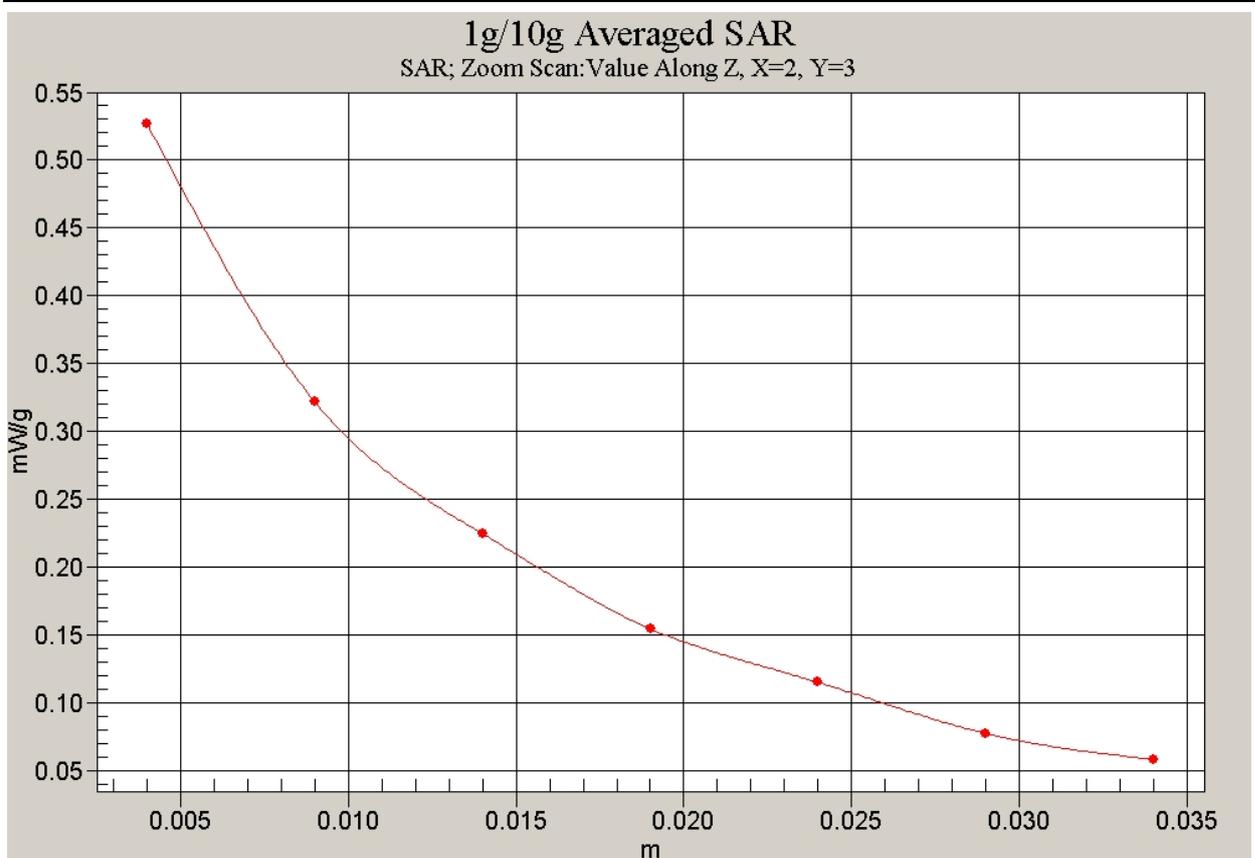


Fig. 92 Z-Scan at power reference point (850MHz CH190)

850 Right Cheek Low

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.430 mW/g

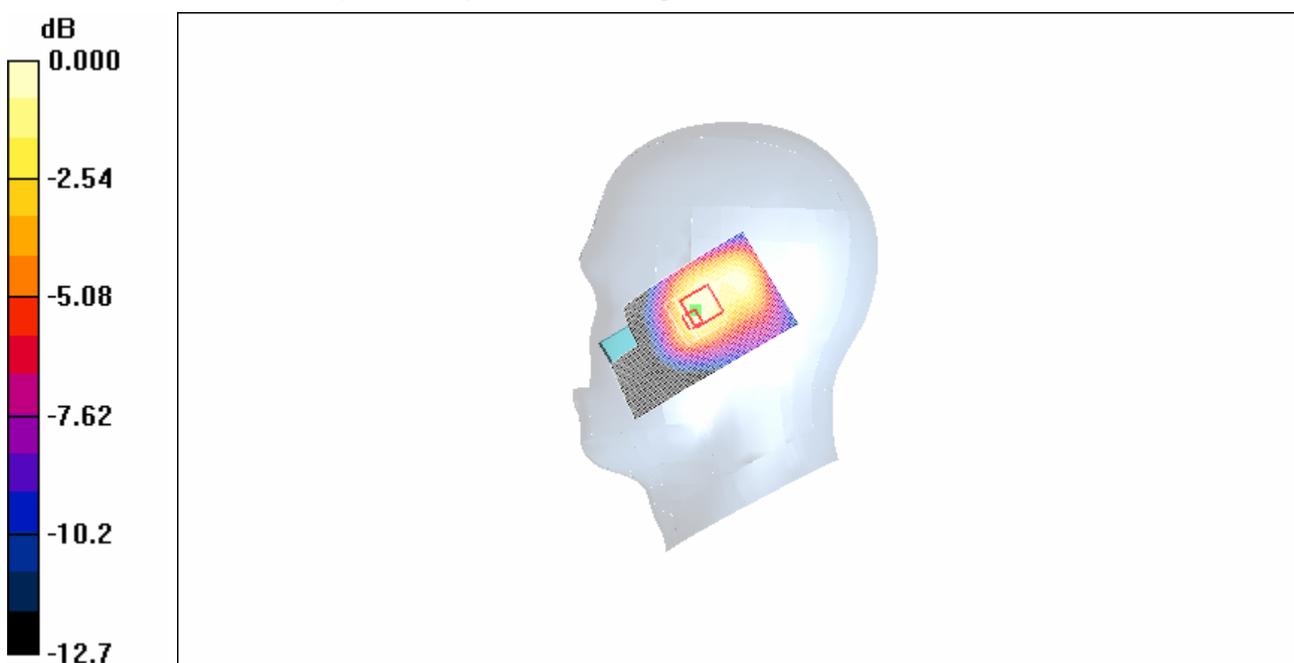
Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.692 W/kg

SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



0 dB = 0.436mW/g

Fig. 93 Right Hand Touch Cheek 850MHz CH128

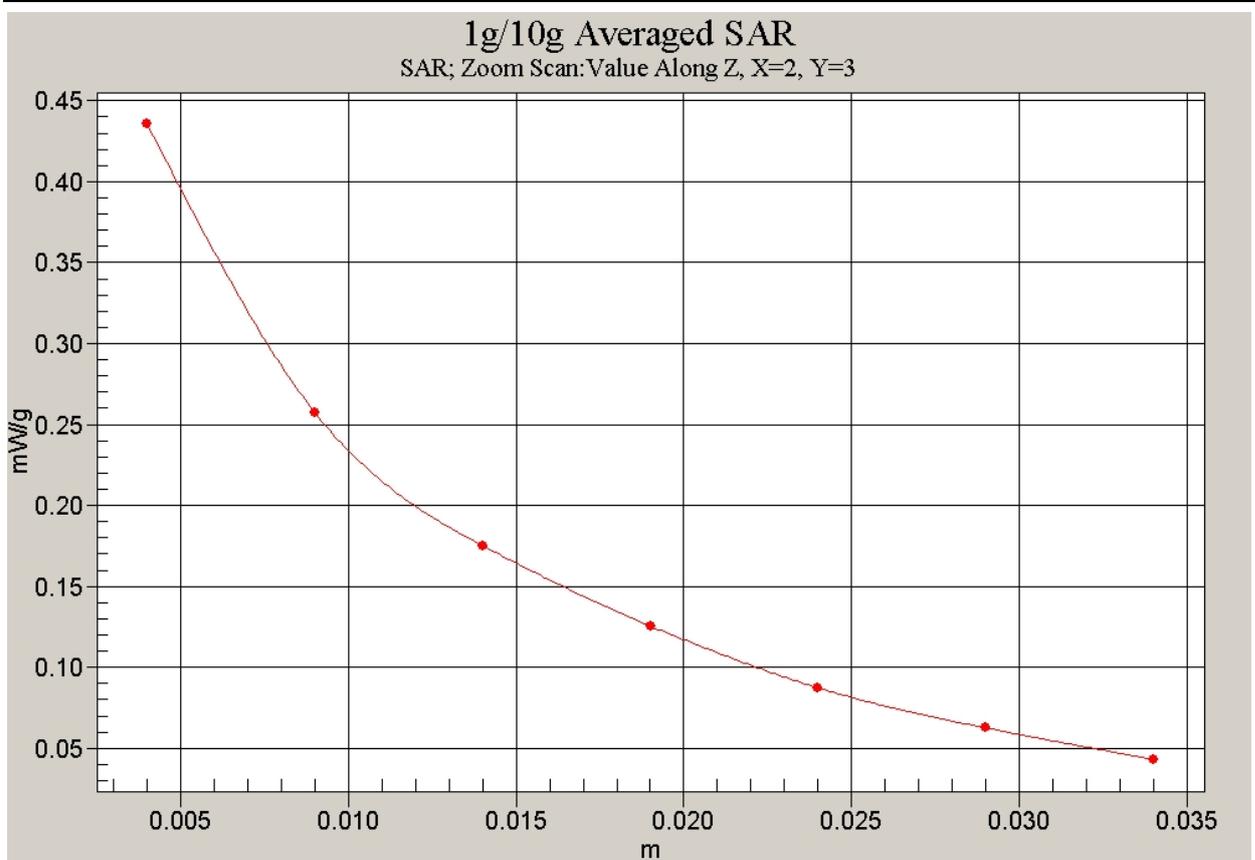


Fig. 94 Z-Scan at power reference point (850MHz CH128)

850 Right Tilt High

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.344 mW/g

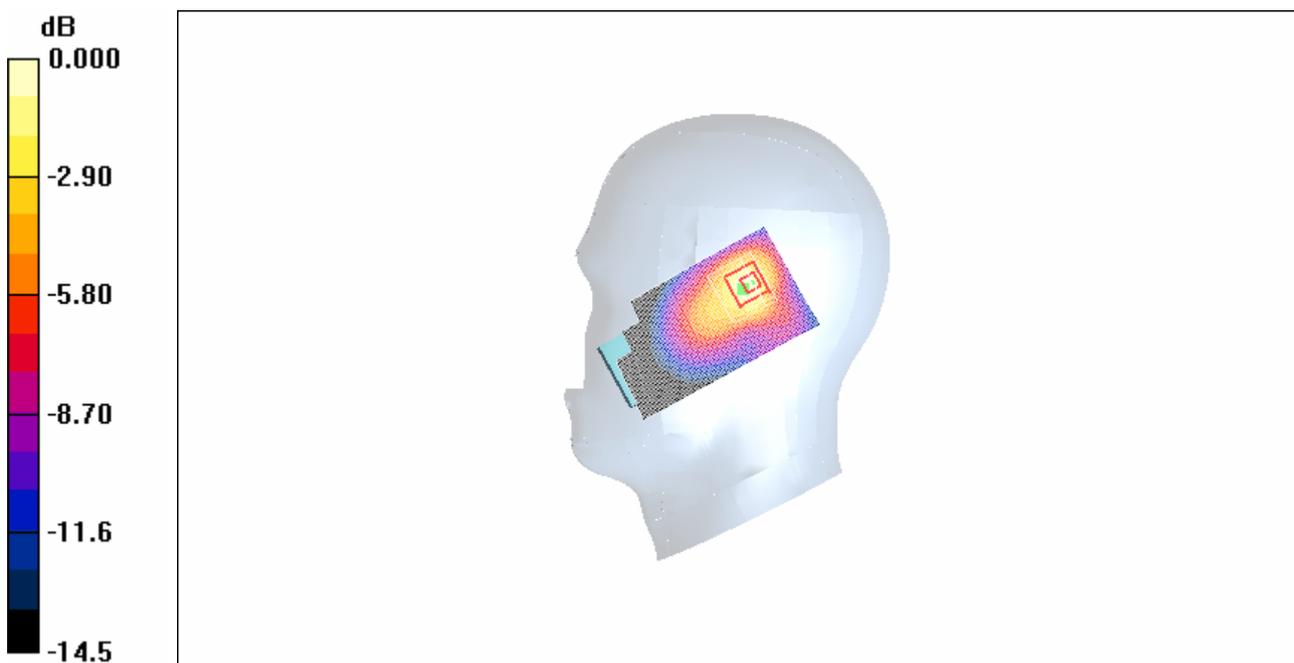
Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.176 mW/g

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



0 dB = 0.364mW/g

Fig. 95 Right Hand Tilt 15°850MHz CH251

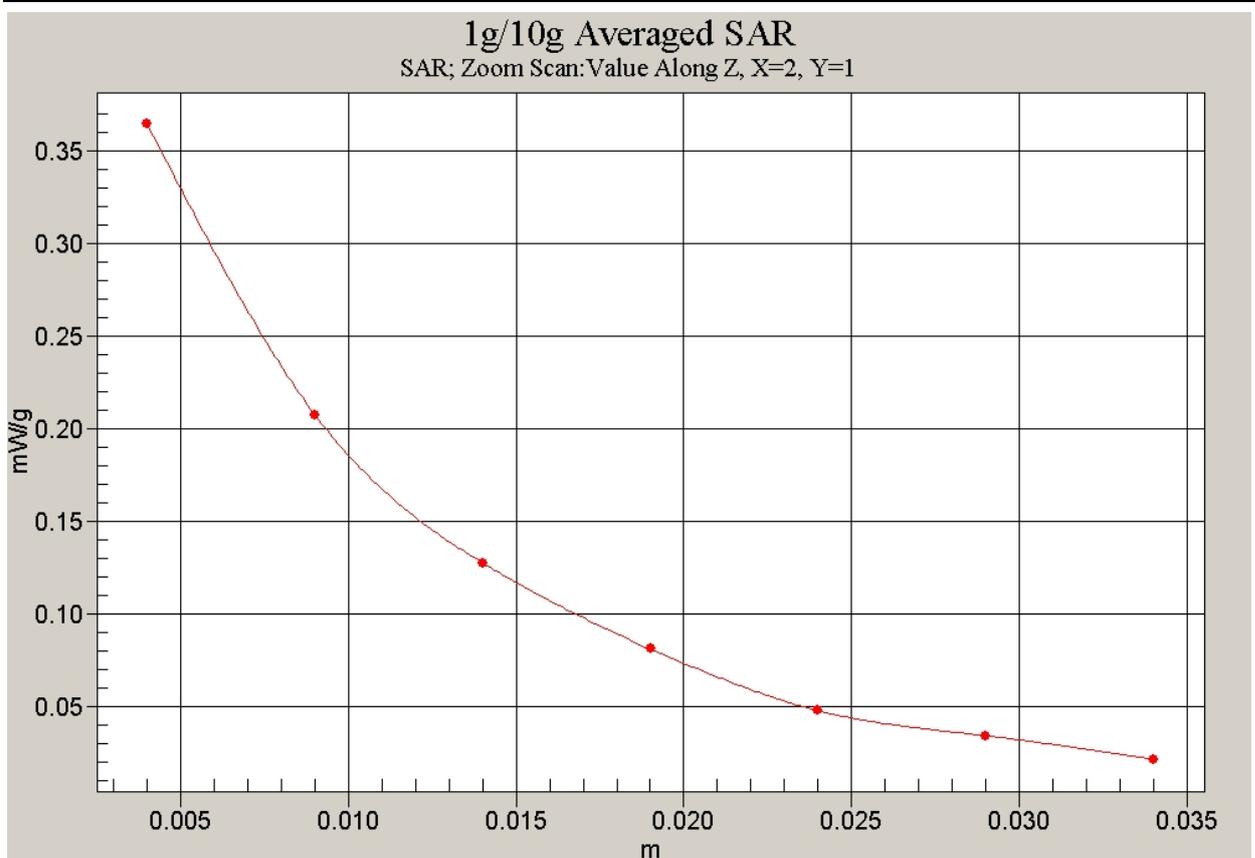


Fig. 96 Z-Scan at power reference point (850MHz CH251)

850 Right Tilt Middle

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.380 mW/g

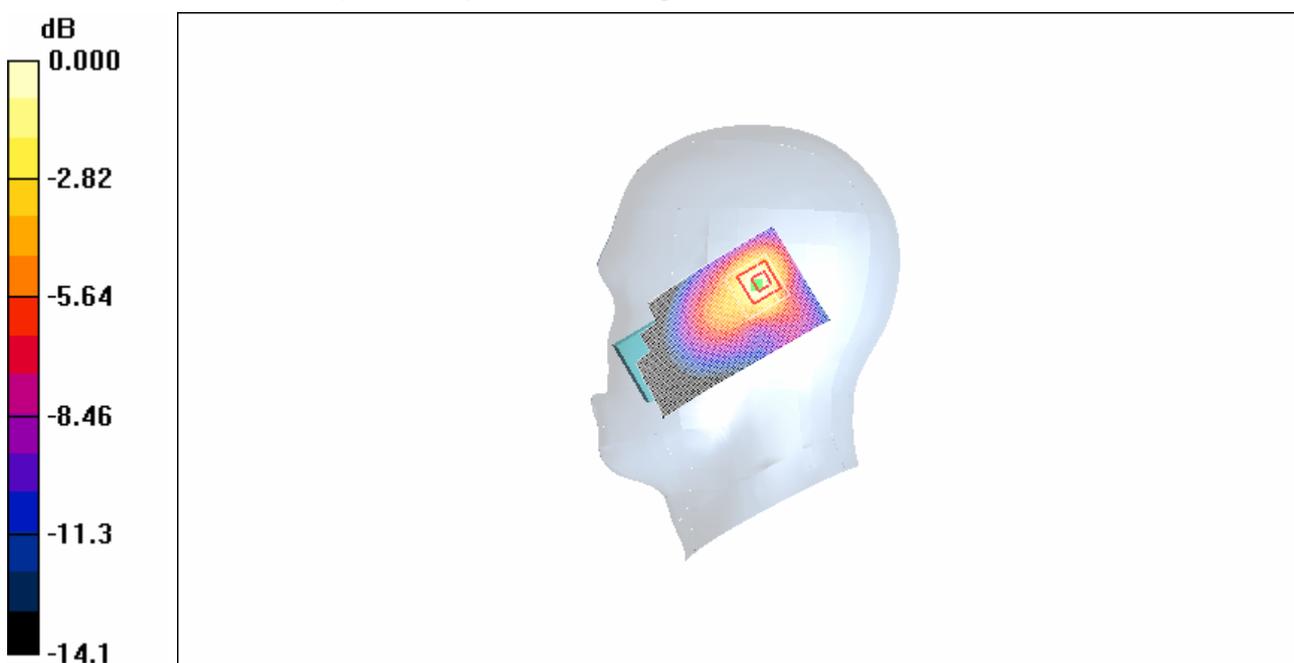
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.372 mW/g

**Fig. 97 Right Hand Tilt 15°850MHz CH190**

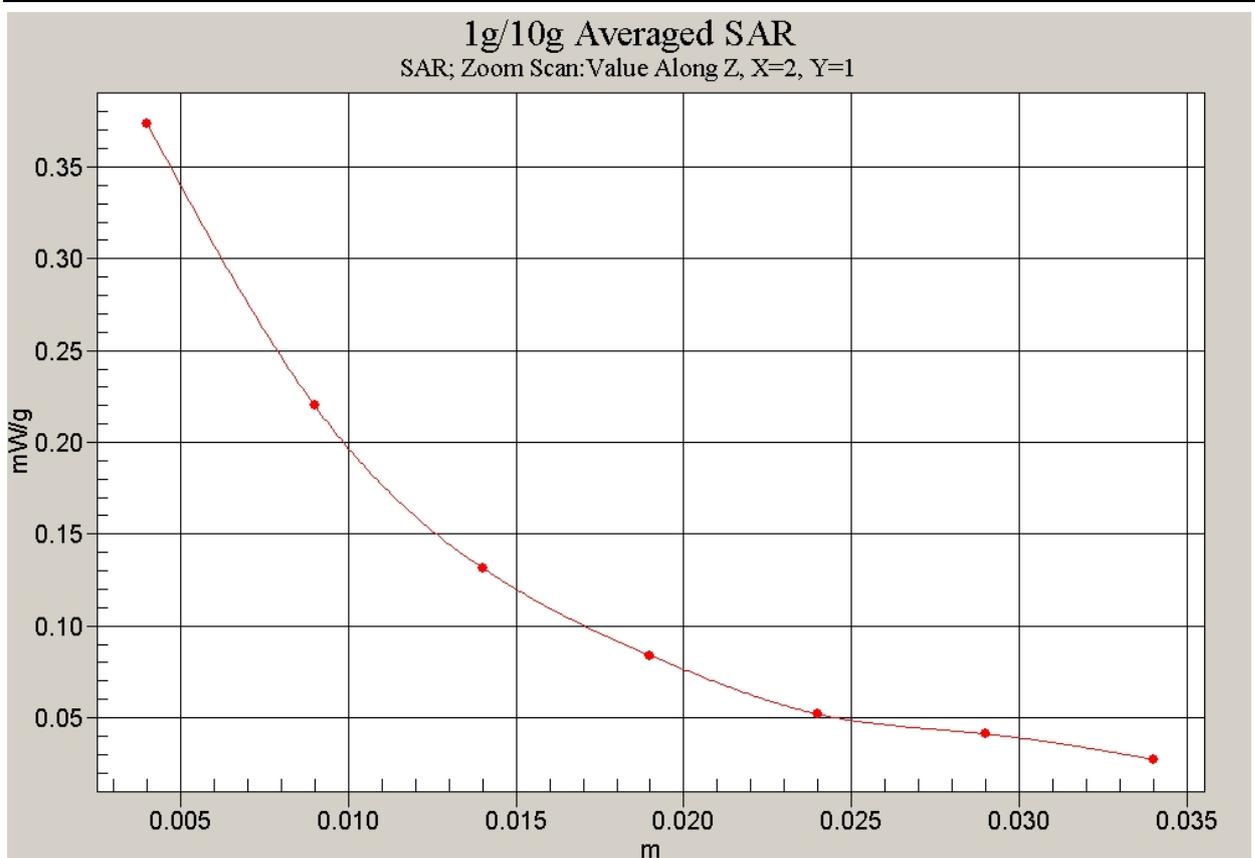


Fig. 98 Z-Scan at power reference point (850MHz CH190)

850 Right Tilt Low

Electronics: DAE3 Sn536

Medium: 850 Head

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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) = 0.350 mW/g

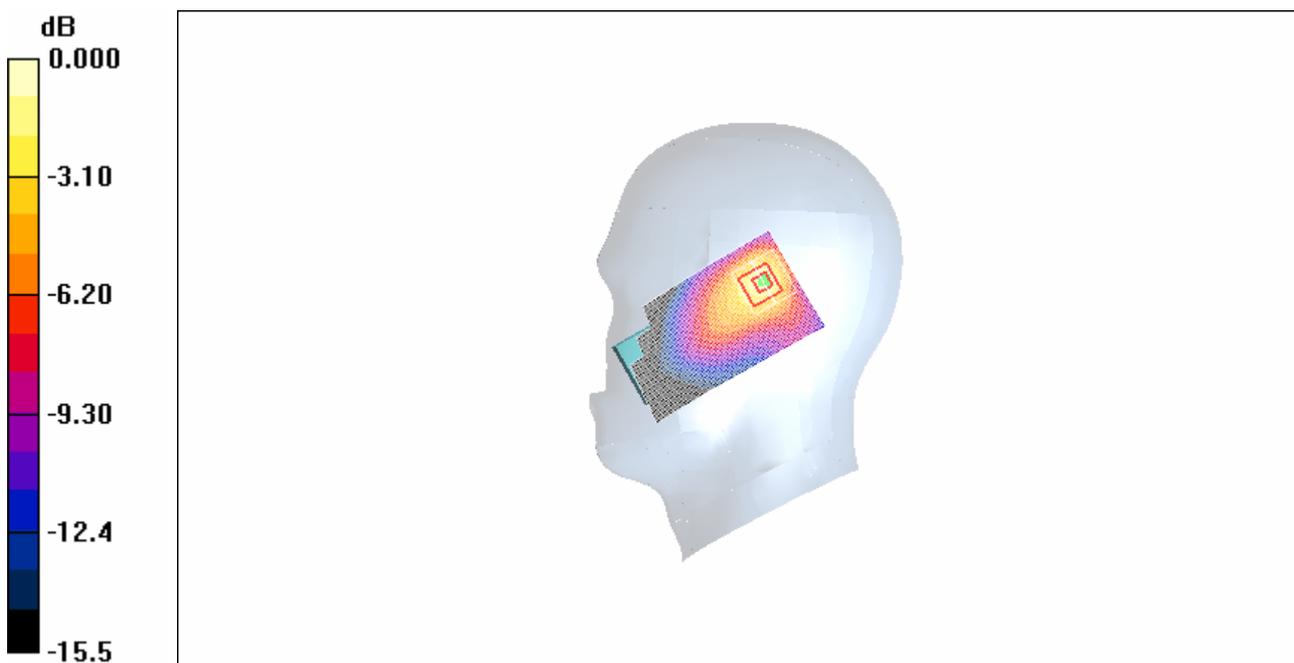
Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.415mW/g

Fig. 99 Right Hand Tilt 15°850MHz CH128

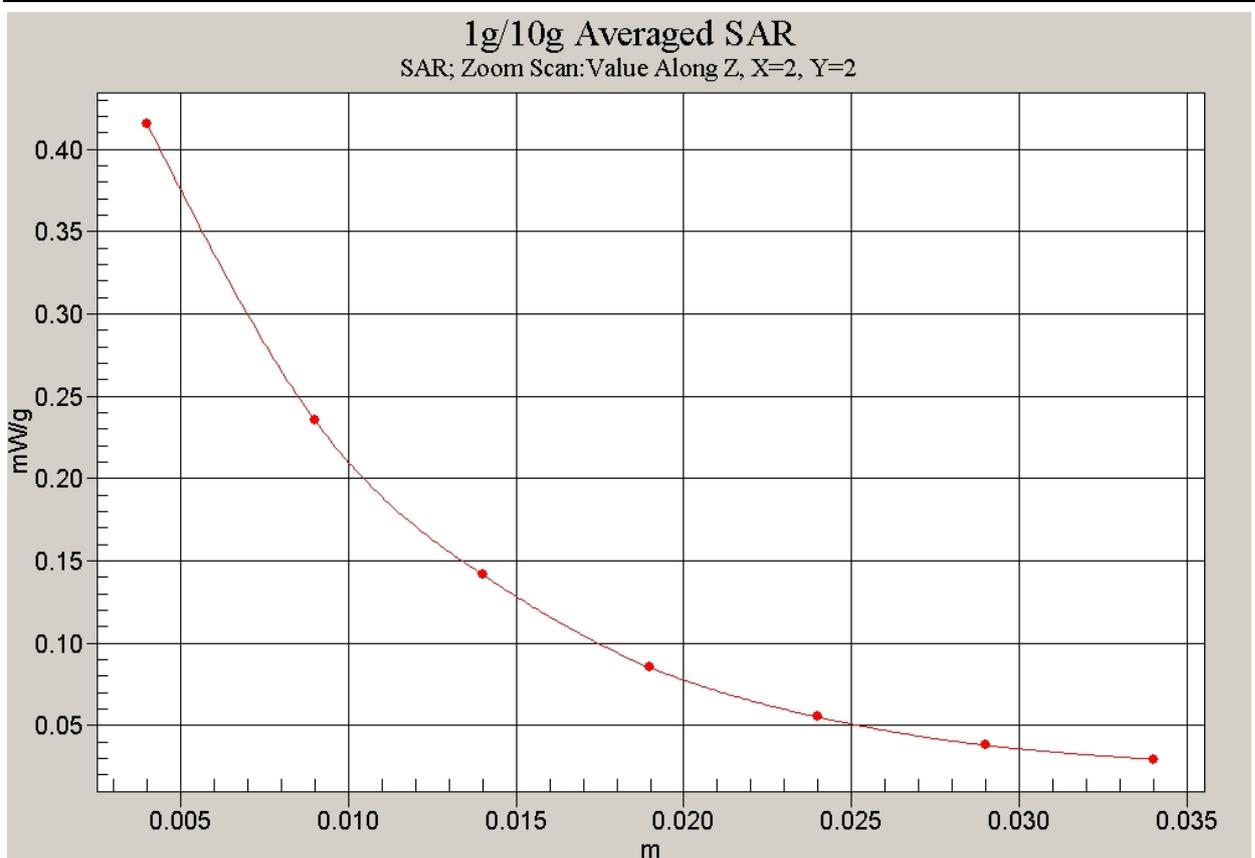


Fig. 100 Z-Scan at power reference point (850MHz CH128)

850 Body Toward Ground High with GPRS

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

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

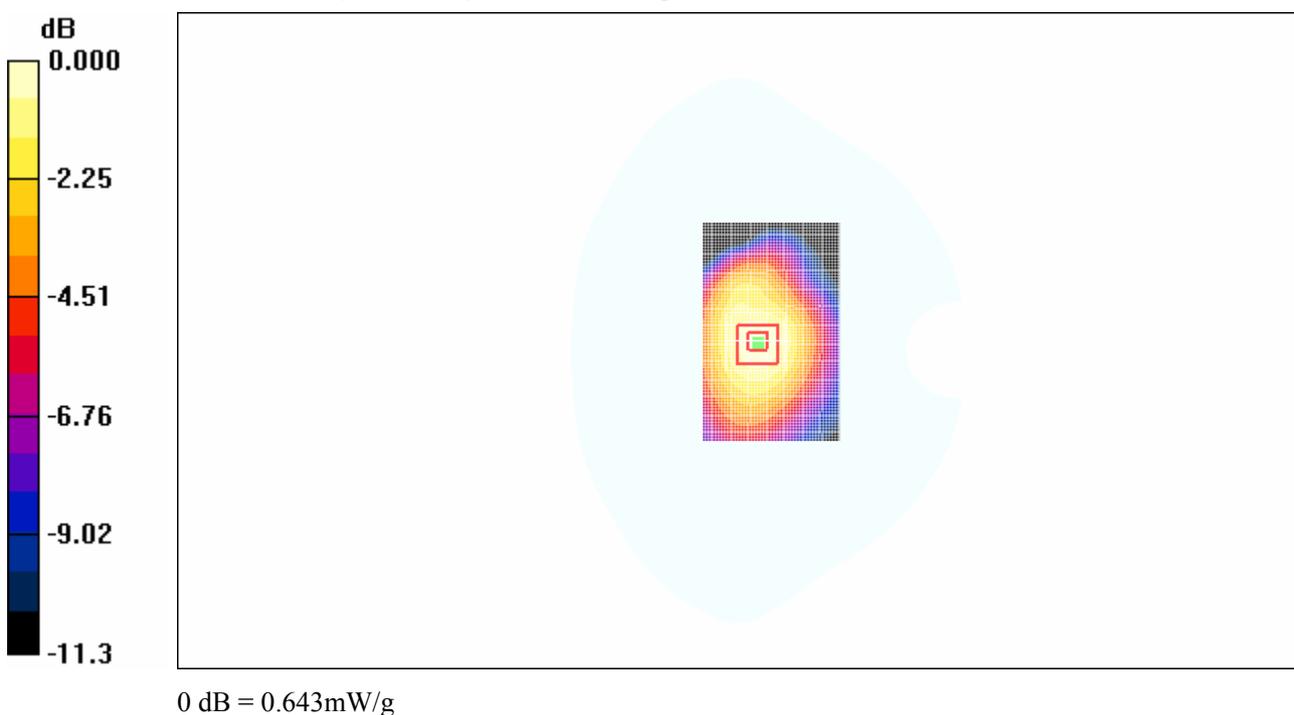
Toward Ground High/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.626 mW/g**Toward Ground High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

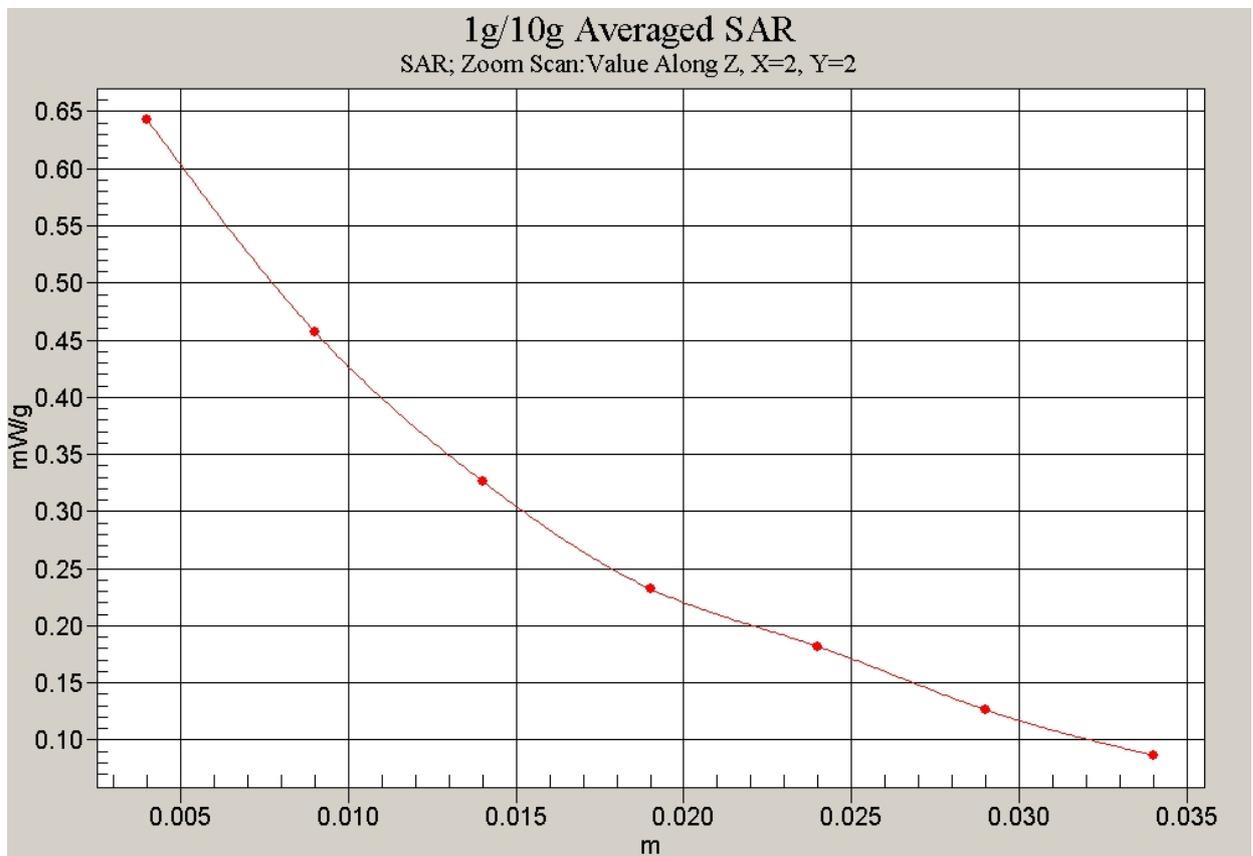
Reference Value = 25.7 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.643 mW/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

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°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 (51x81x1): Measurement grid: dx=10mm, dy=10mm

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

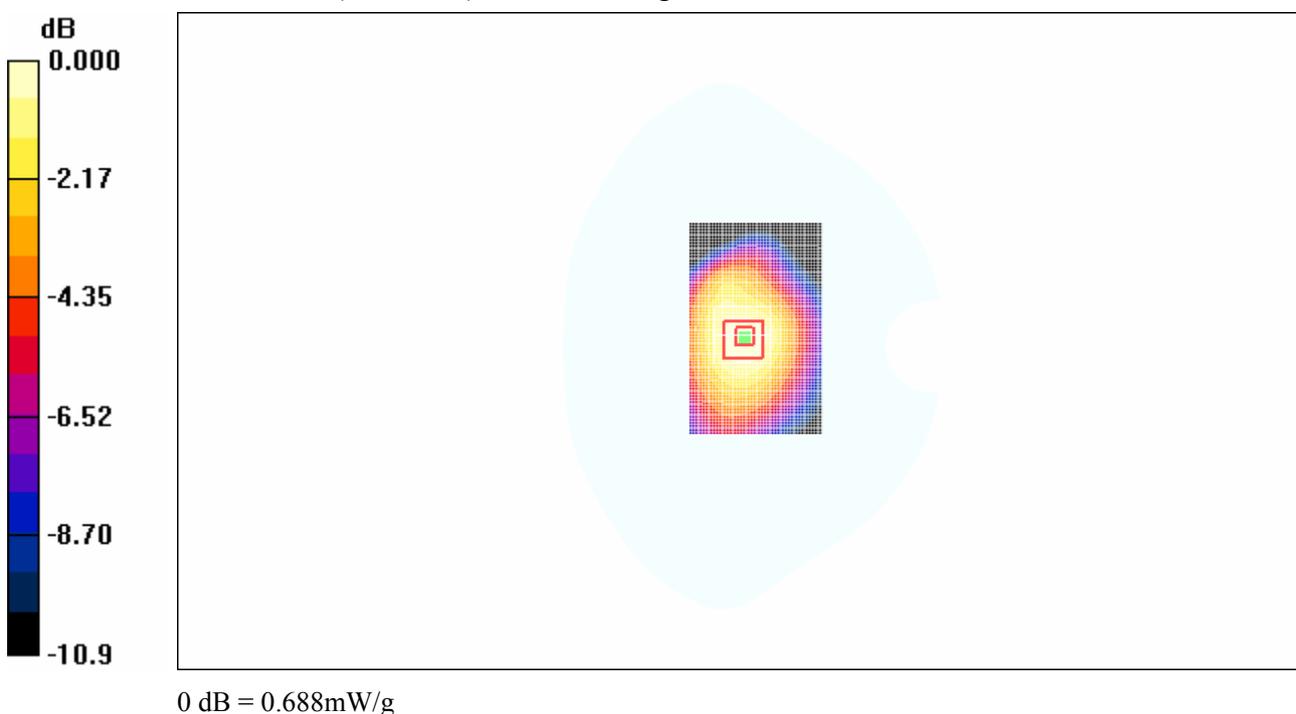
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

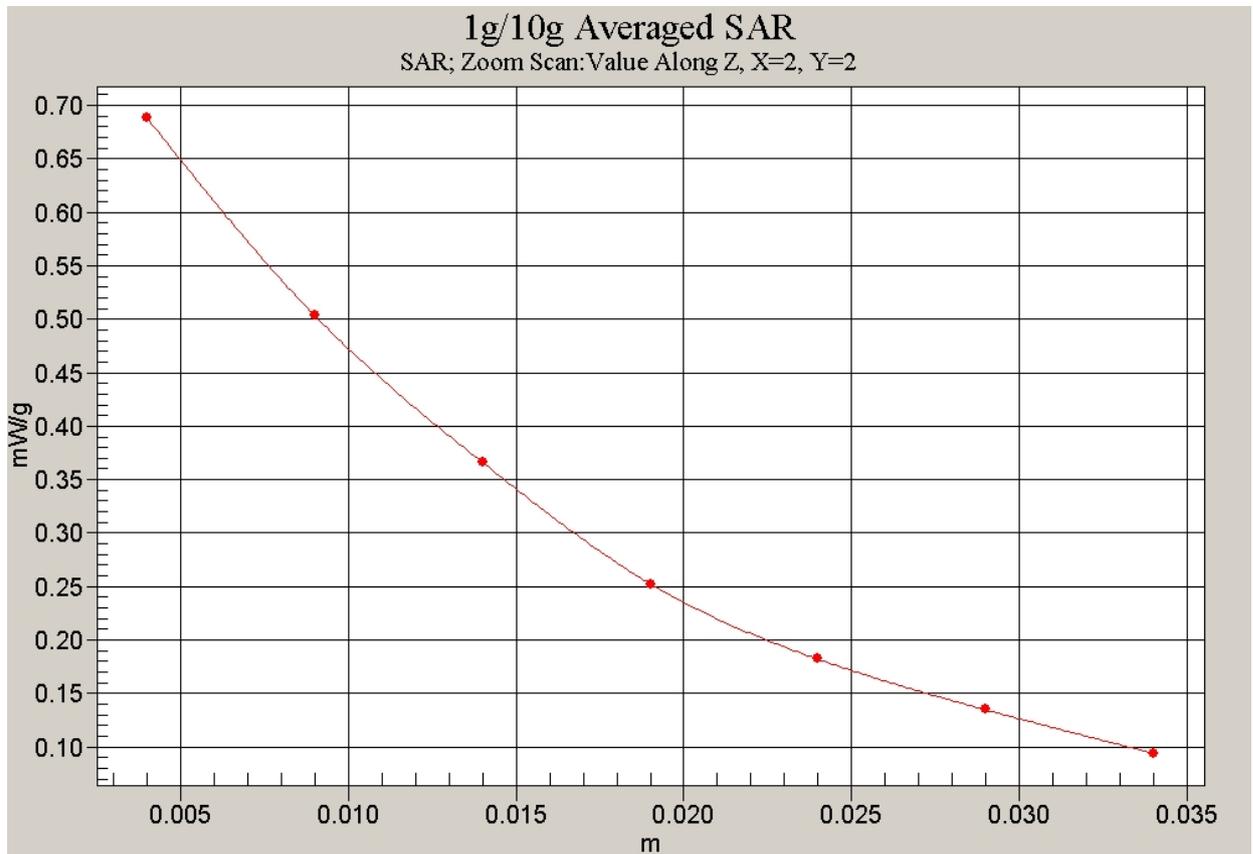
Reference Value = 26.9 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 0.688 mW/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

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 24.5°C Liquid Temperature: 24.0°C

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

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

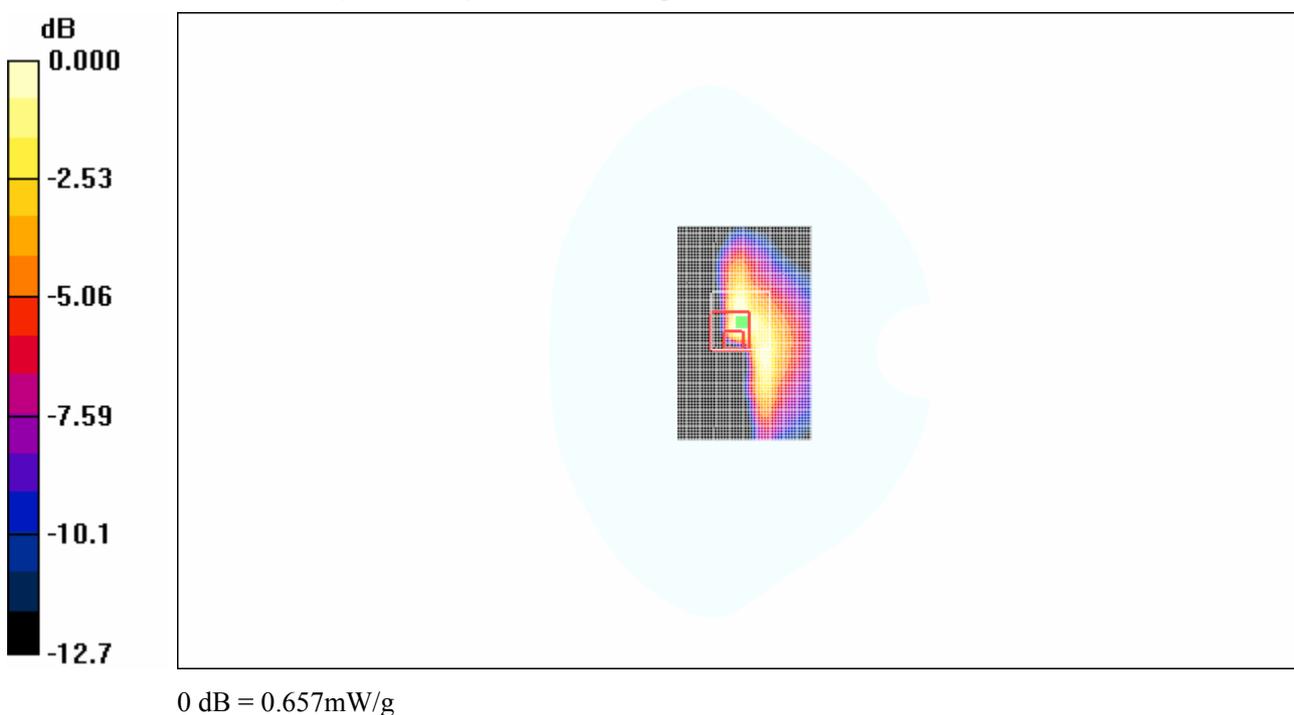
Toward Ground Low/Area Scan (51x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.07 mW/g**Toward Ground Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.1 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.657 mW/g

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