

850 Right Tilt High

Date/Time: 2007-8-30 19:21:00

Electronics: DAE3 Sn536

Medium: Head GSM850

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 (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.485 mW/g

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

Reference Value = 21.3 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 0.477 mW/g

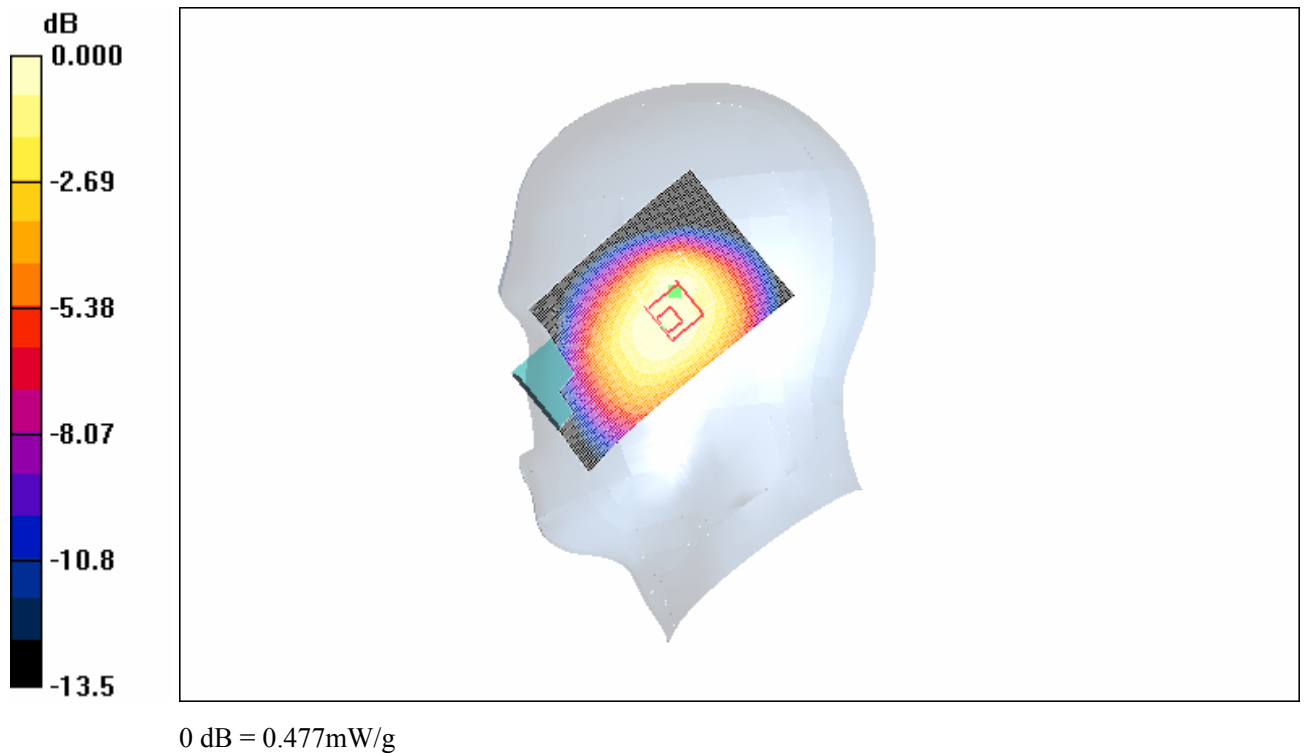


Fig.19 850 MHz CH251

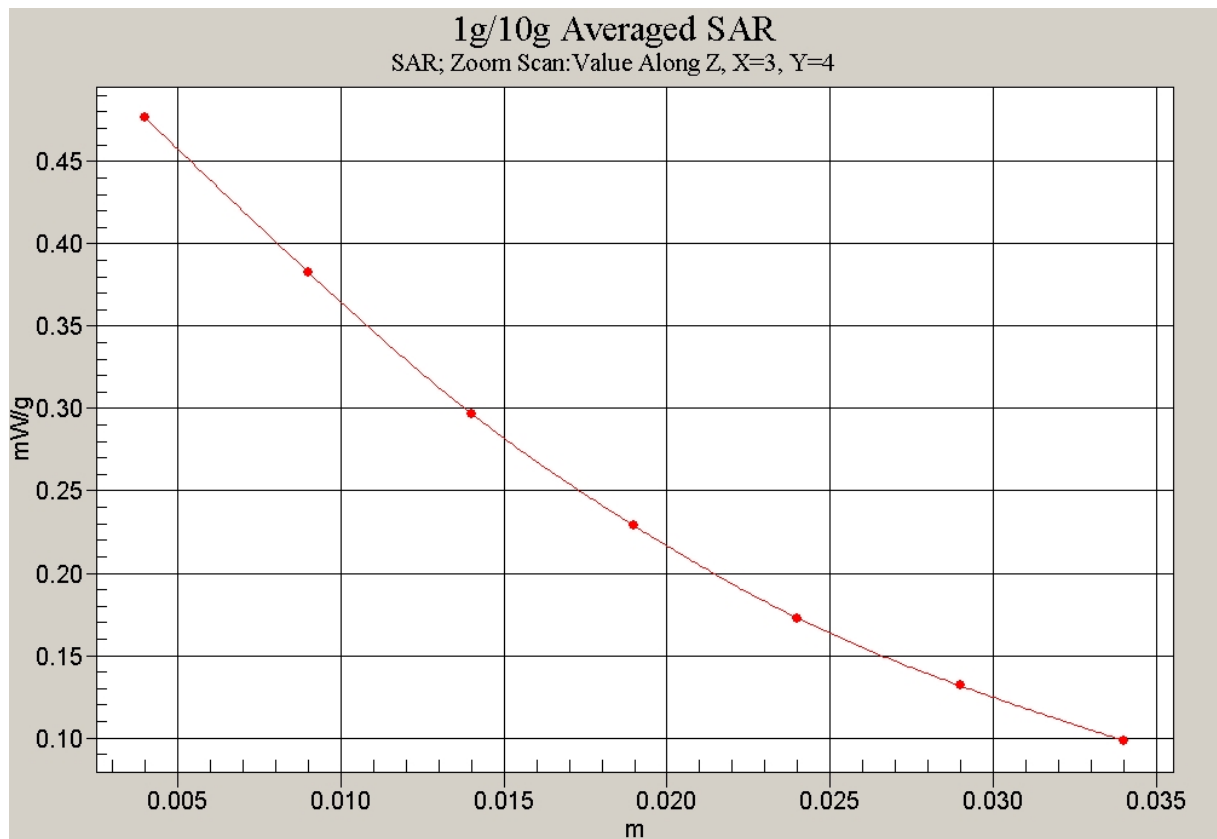


Fig. 20 Z-Scan at power reference point (850 MHz CH251)

850 Right Tilt Middle

Date/Time: 2007-8-30 18:55:32

Electronics: DAE3 Sn536

Medium: Head GSM850

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 (71x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.645 mW/g

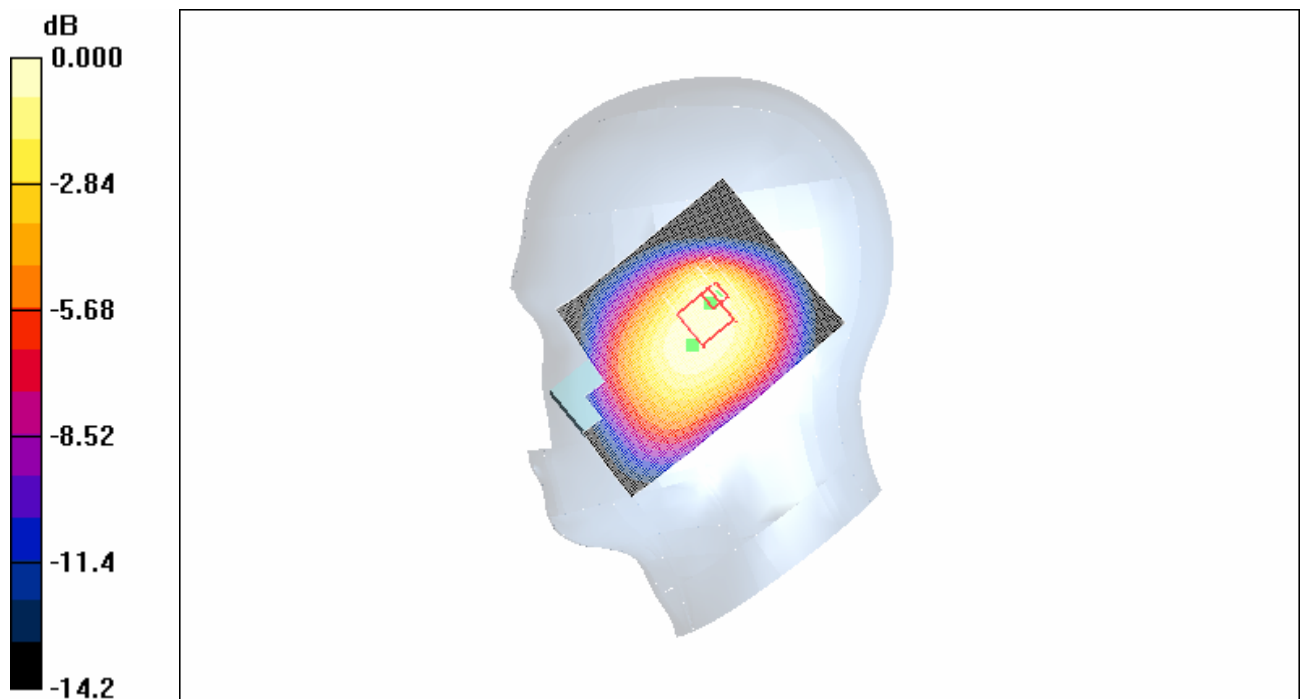
Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.8 V/m; Power Drift = 0.080 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 0.599 mW/g



0 dB = 0.599mW/g

Fig.21 850 MHz CH190

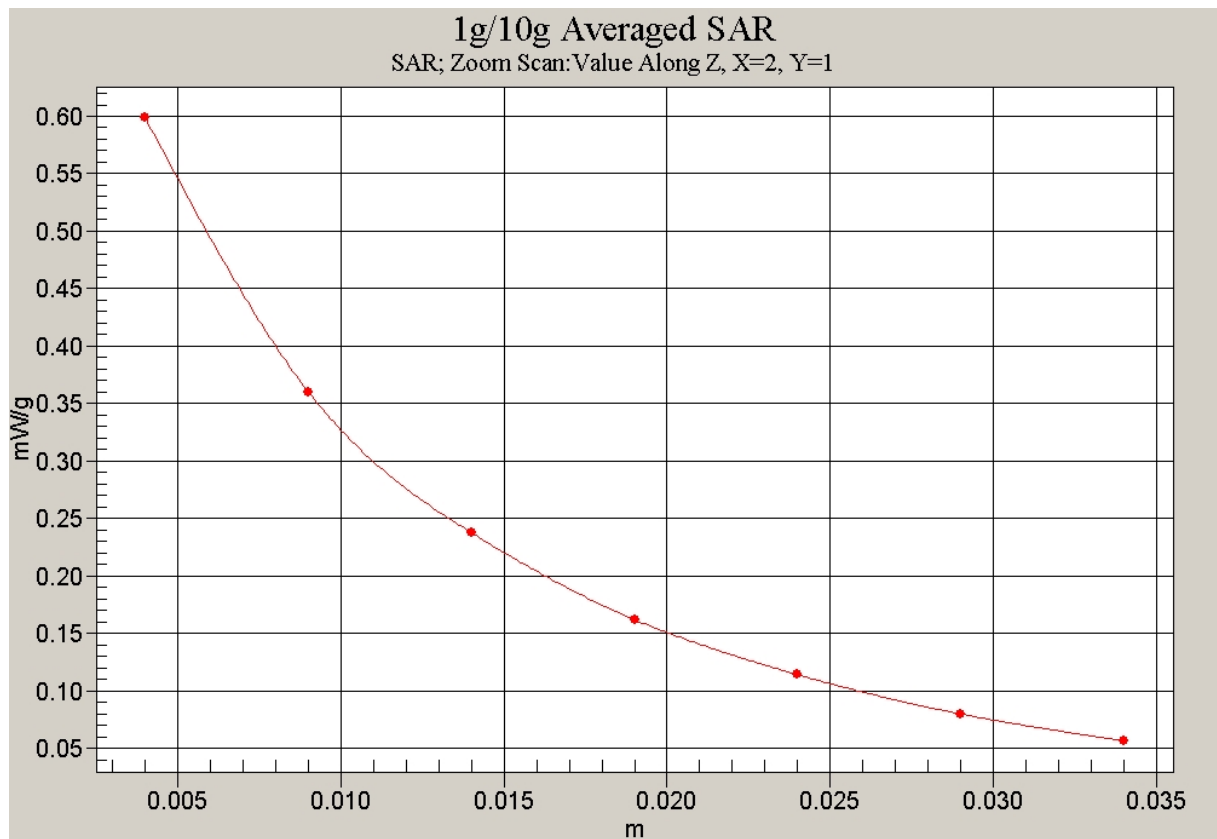


Fig. 22 Z-Scan at power reference point (850 MHz CH190)

850 Right Tilt Low

Date/Time: 2007-8-30 18:39:07

Electronics: DAE3 Sn536

Medium: Head GSM850

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 2/Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.799 mW/g

Tilt Low 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.705 mW/g

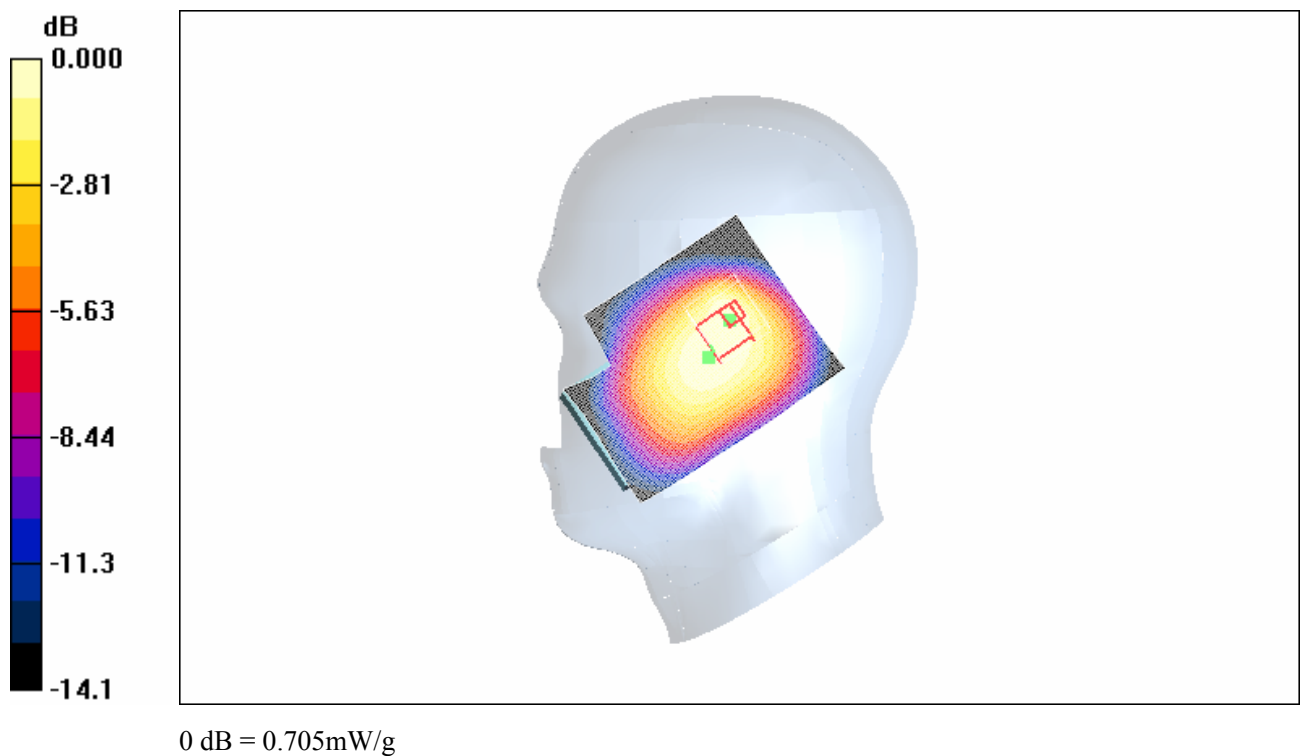


Fig. 23 850 MHz CH128

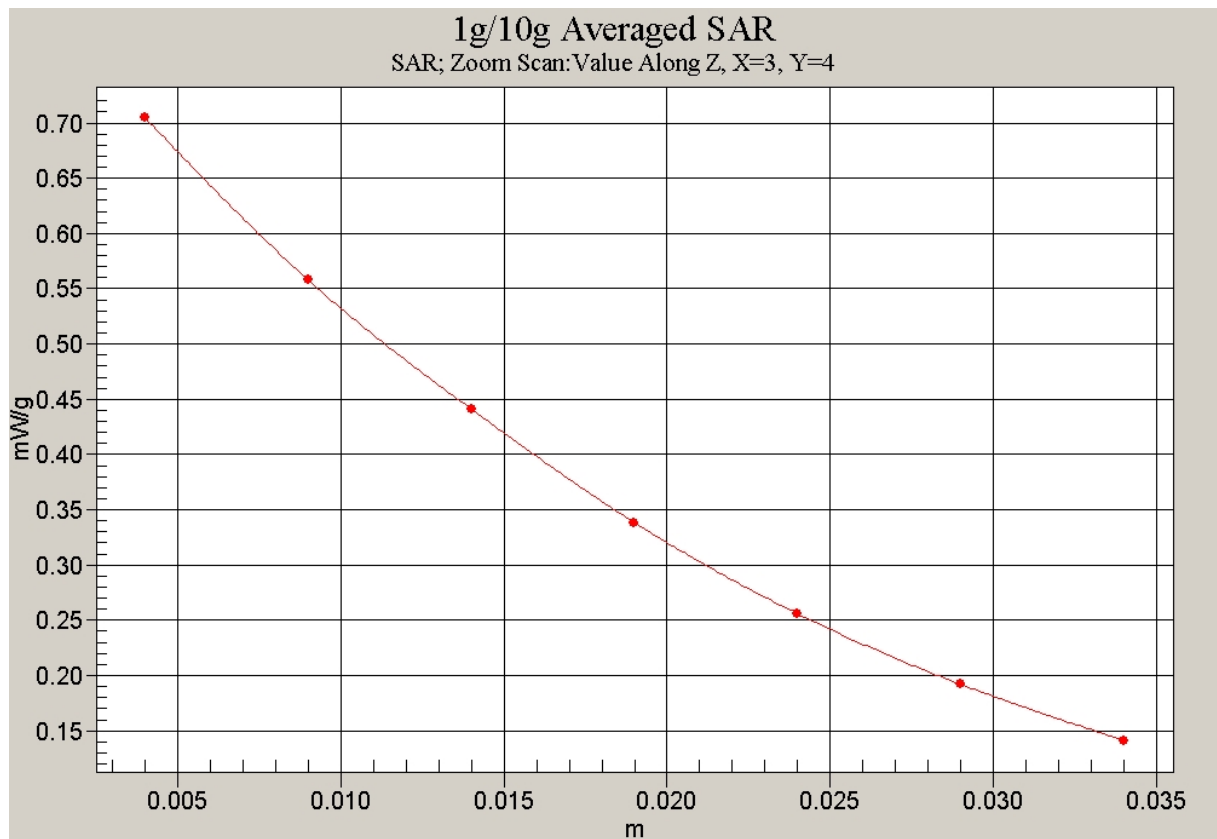


Fig. 24 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Phantom High

Date/Time: 2007-8-30 9:35:09

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ 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(6.45,6.45, 6.45)

Toward Phantom High/Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.379 mW/g

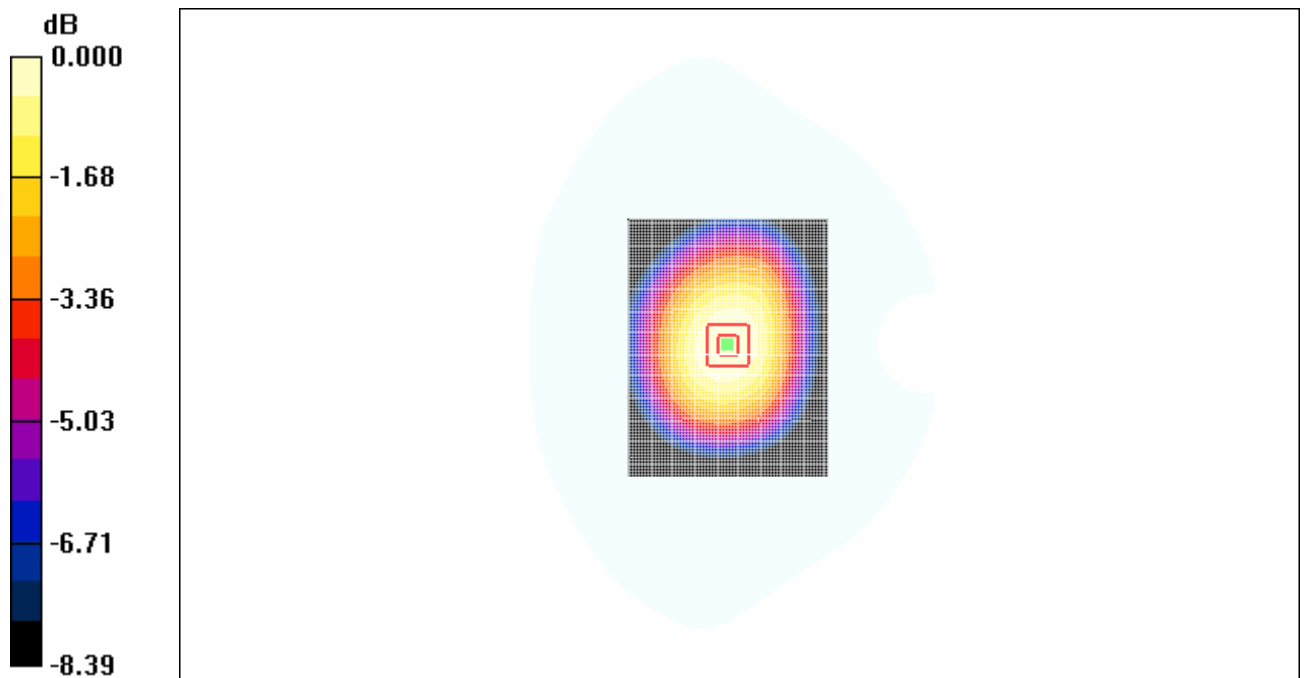
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

Fig. 25 850 MHz CH251

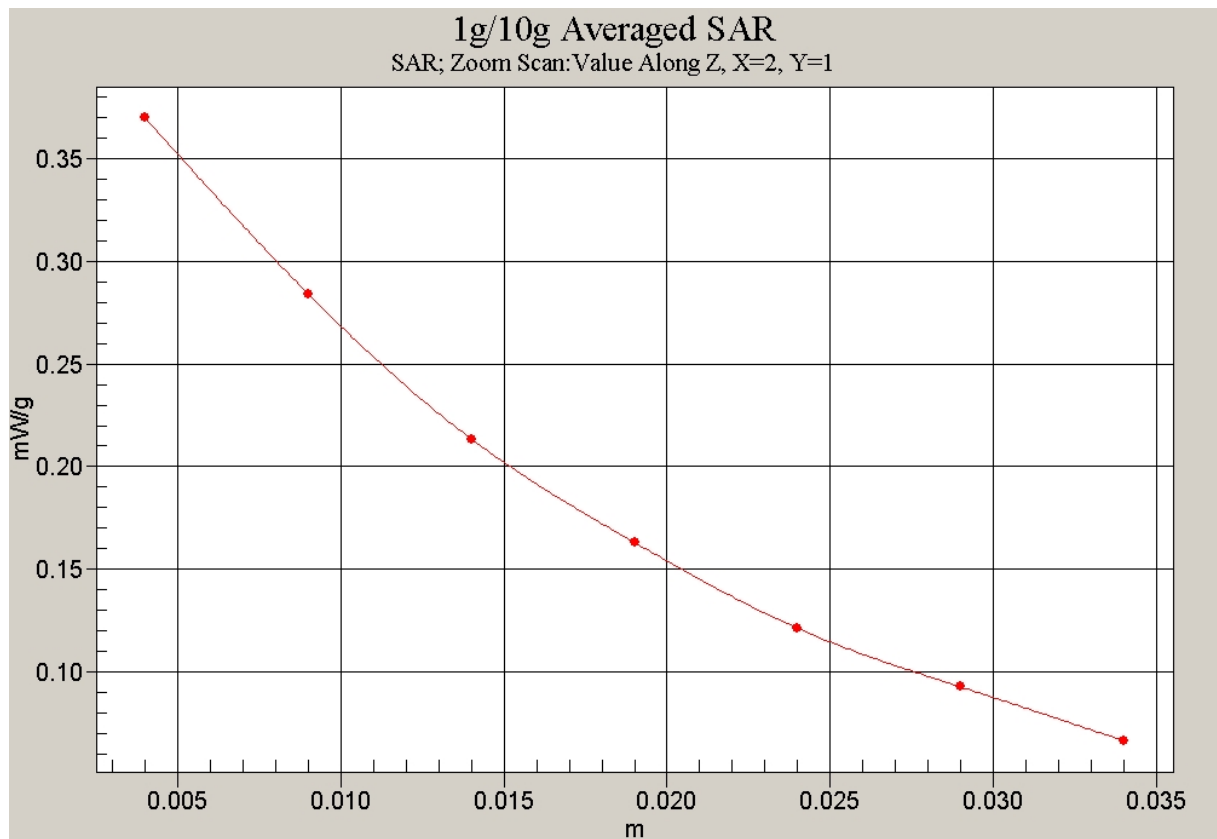


Fig. 26 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Phantom Middle

Date/Time: 2007-8-30 9:48:33

Electronics: DAE3 Sn4536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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(6.45, 6.45, 6.45)

Toward Phantom Middle/Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm

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

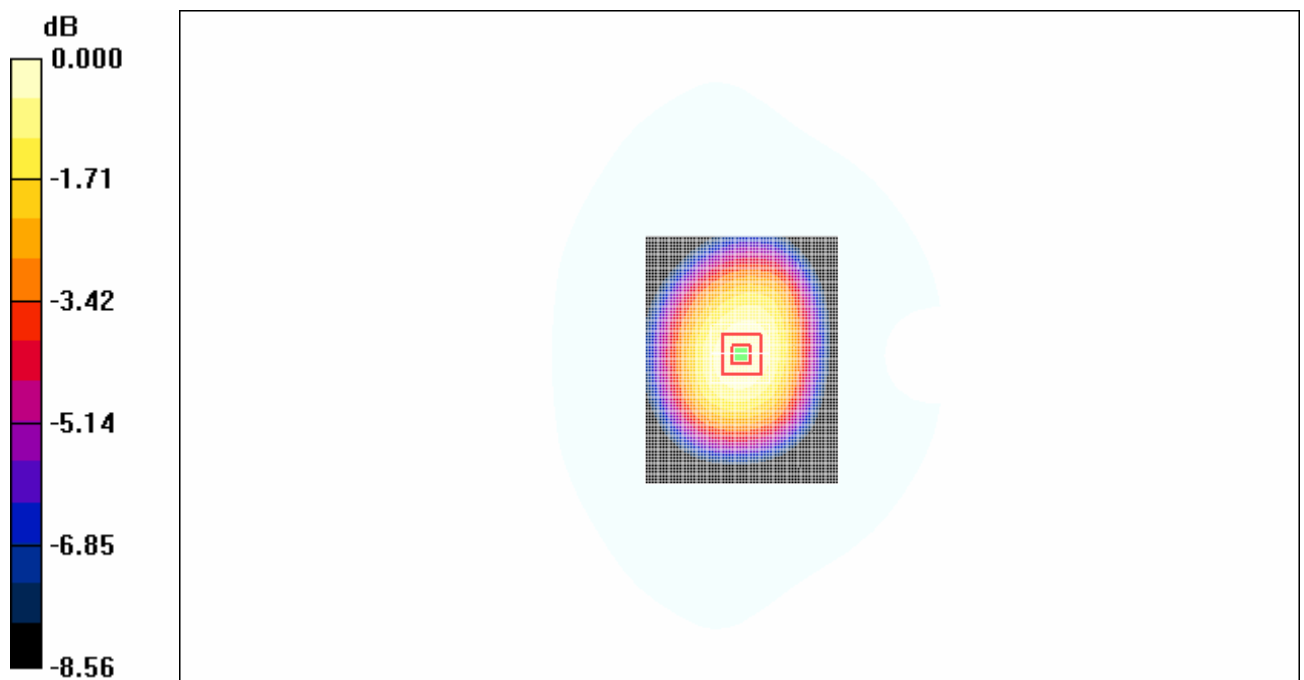
Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.325 mW/g

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



0 dB = 0.459mW/g

Fig. 27 850 MHz CH190

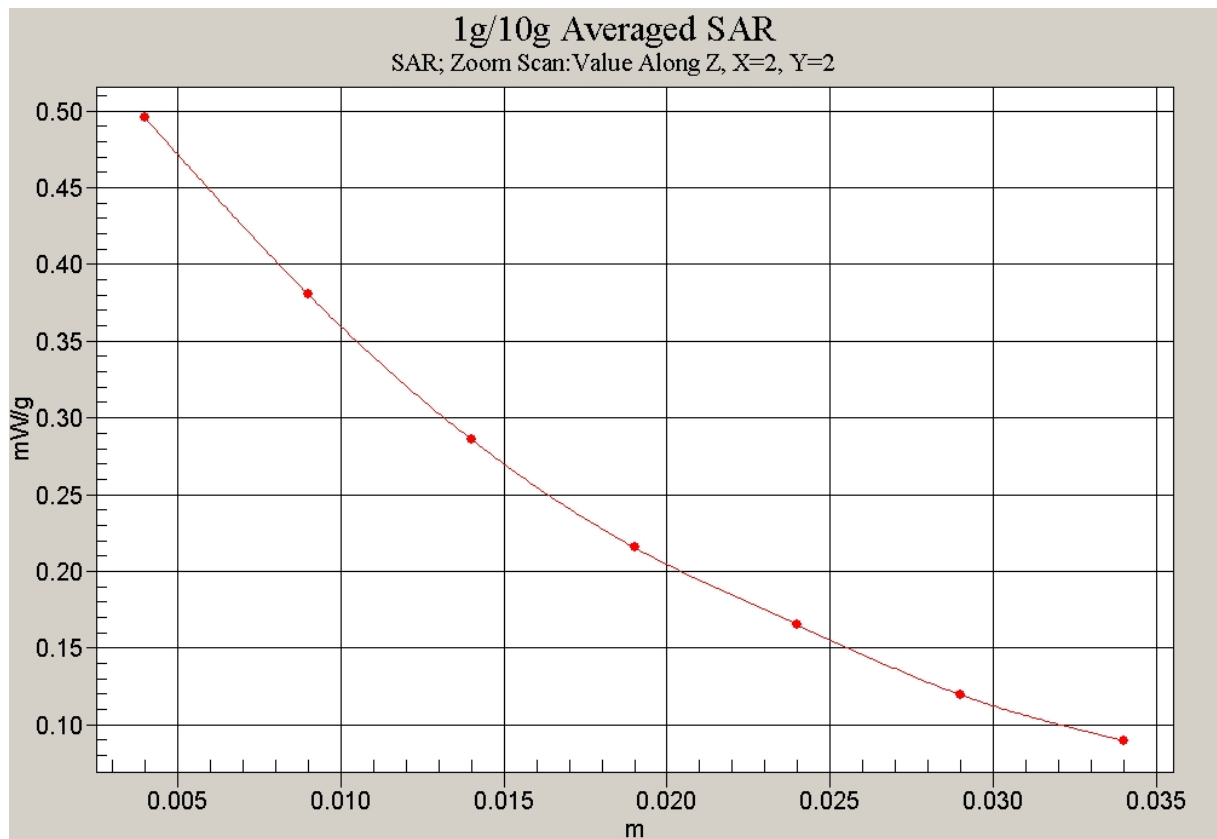


Fig. 28 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Phantom Low

Date/Time: 2007-8-30 10:03:38

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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(6.45,6.45, 6.45)

Toward Phantom Low/Area Scan (71x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.564 mW/g

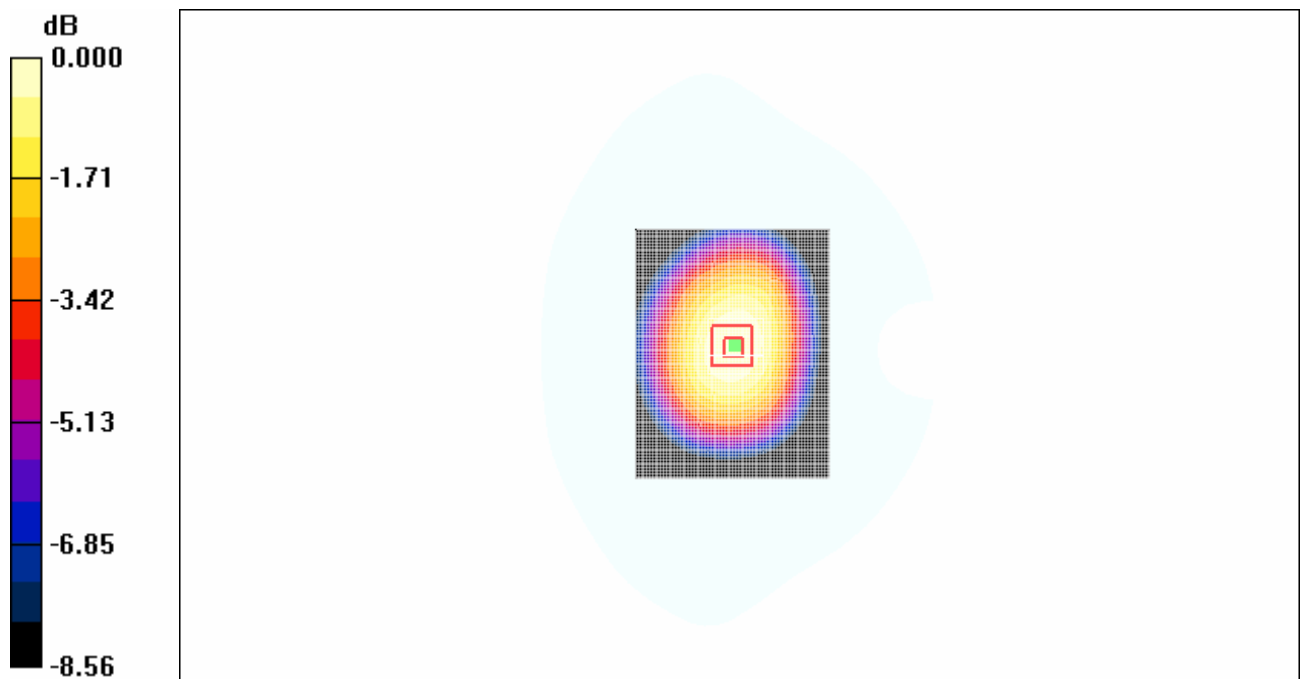
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.556 mW/g



0 dB = 0.556mW/g

Fig. 29 850 MHz CH128

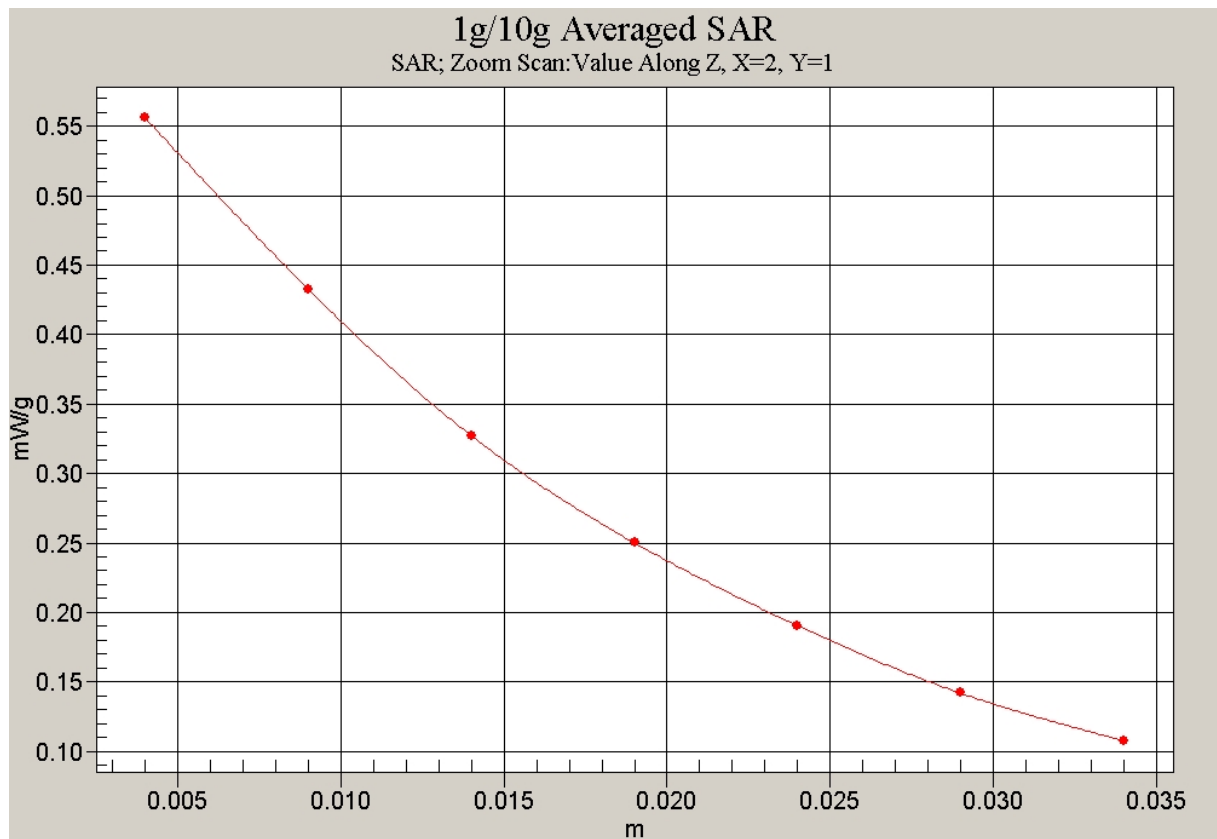


Fig. 30 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground High

Date/Time: 2007-8-30 10:57:18

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ 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(6.45, 6.45, 6.45)

Toward Ground High/Area Scan (71x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

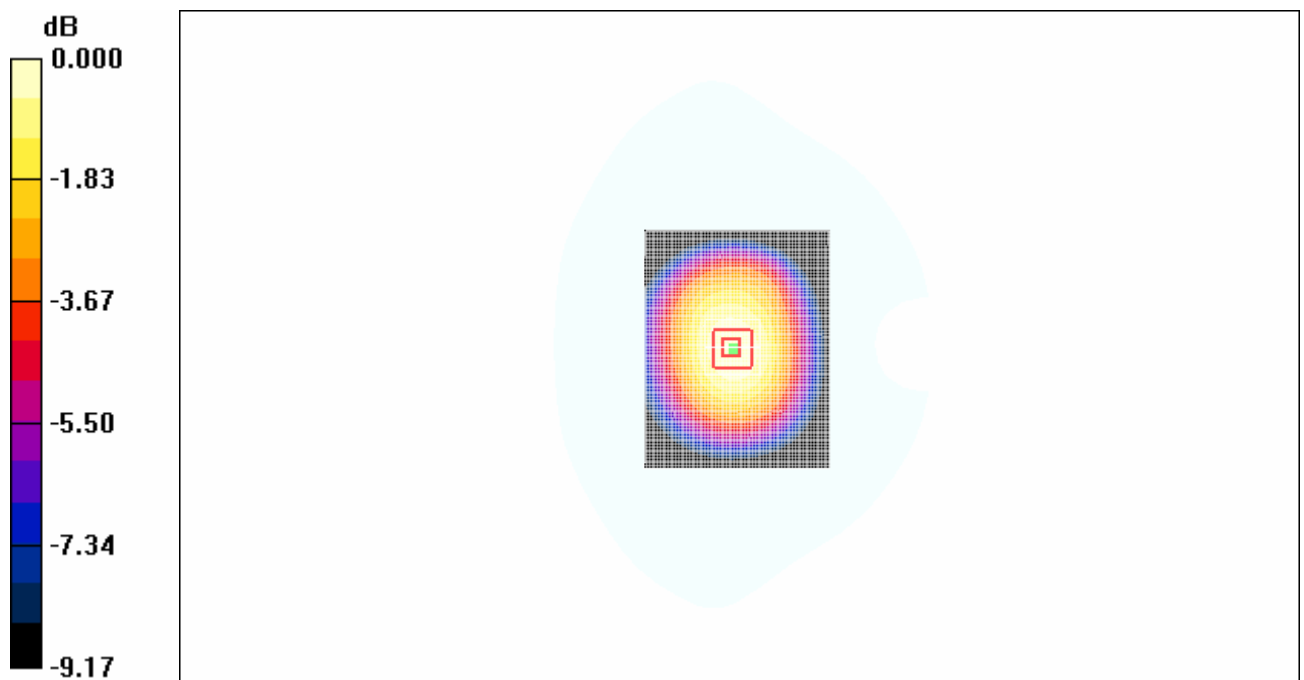
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.9 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



0 dB = 0.434mW/g

Fig. 31 850 MHz CH251

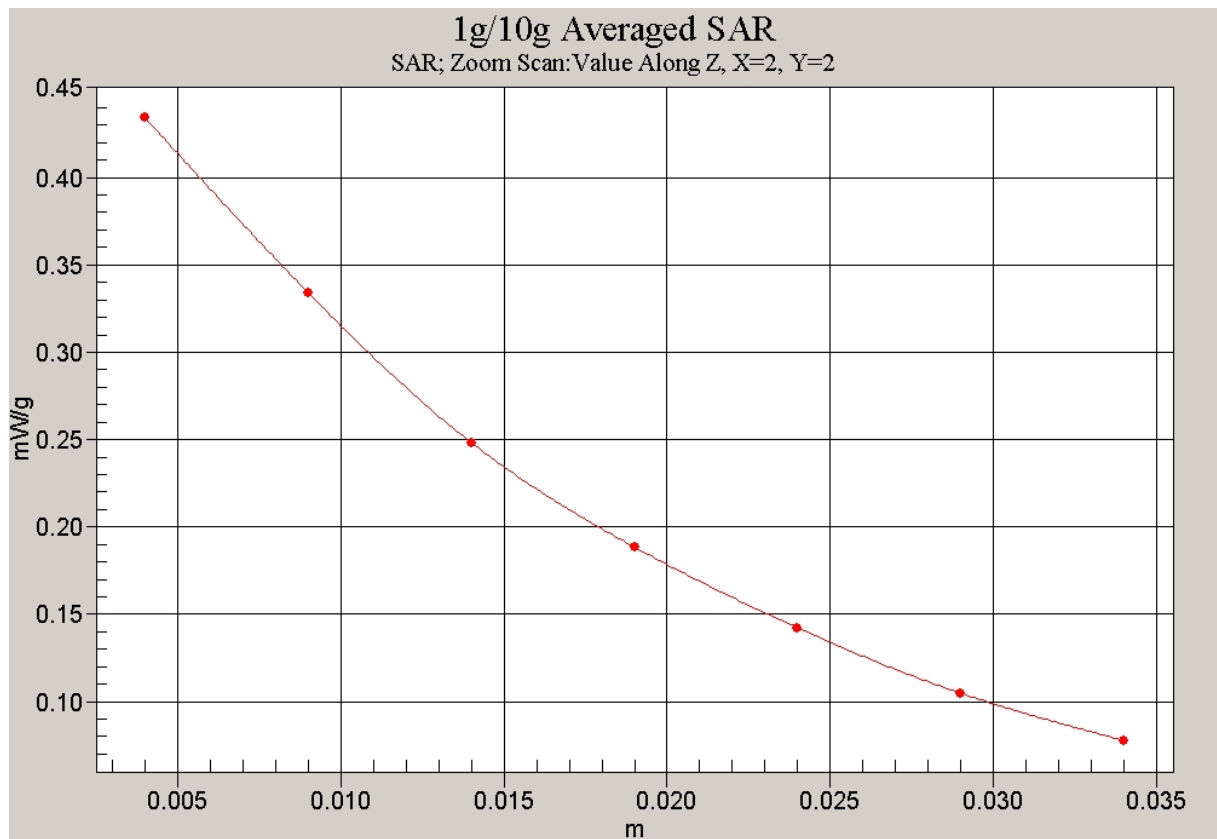


Fig. 32 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle

Date/Time: 2007-8-30 10:40:49

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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(6.45, 6.45, 6.45)

Toward Ground Middle/Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.493 mW/g

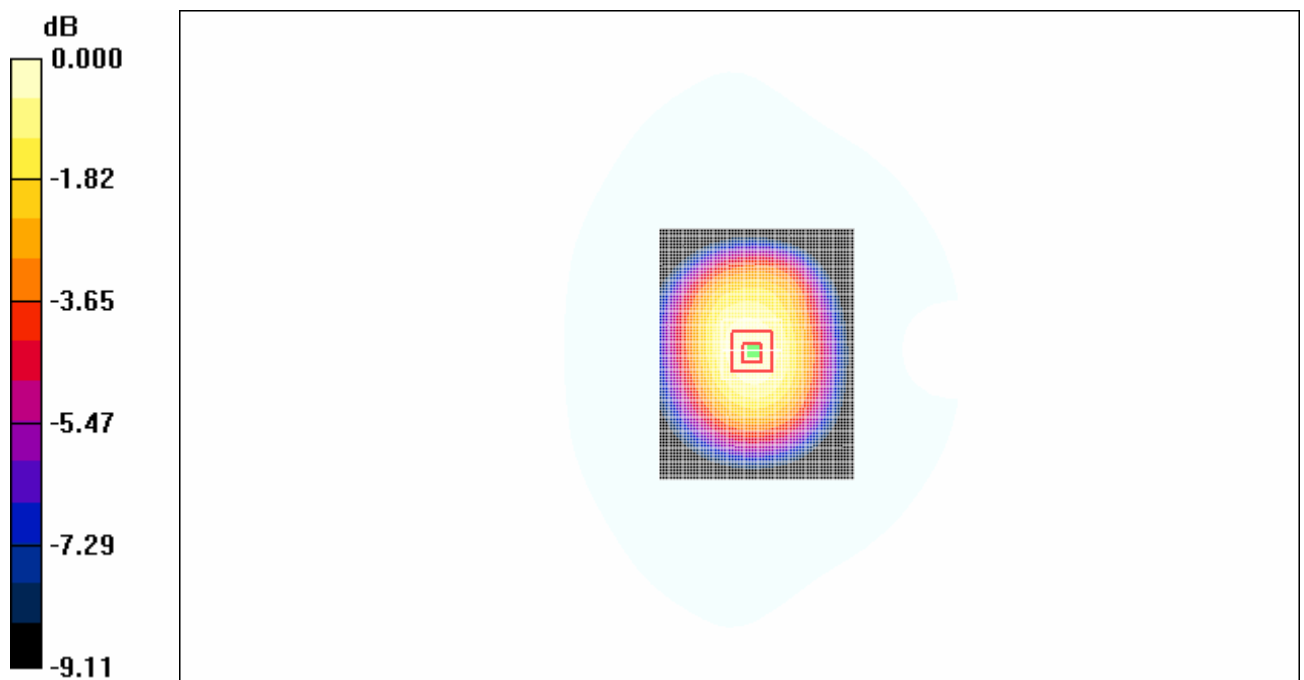
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.496 mW/g



0 dB = 0.496mW/g

Fig. 33 850 MHz CH190

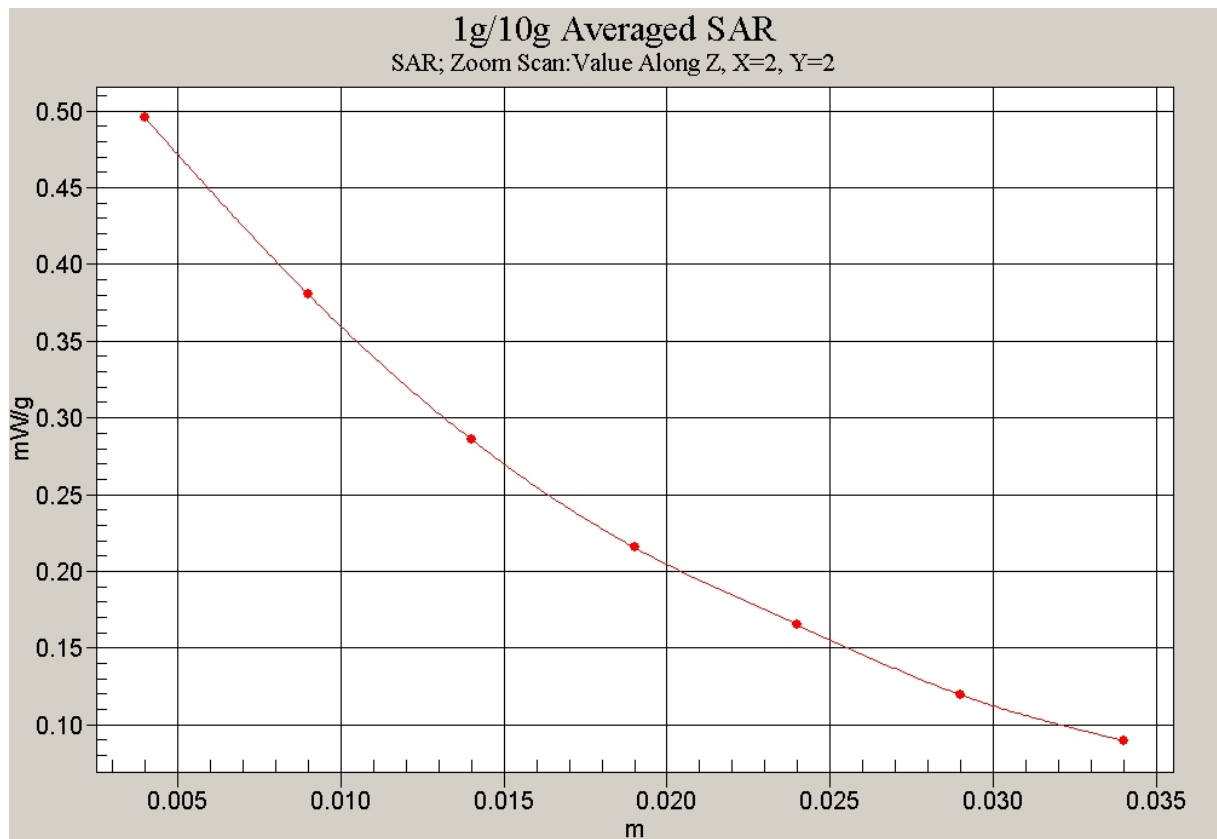


Fig. 34 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low

Date/Time: 2007-8-30 10:19:27

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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(6.45, 6.45, 6.45)

Toward Ground Low/Area Scan (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.591 mW/g

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

Reference Value = 24.5 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 0.592 mW/g

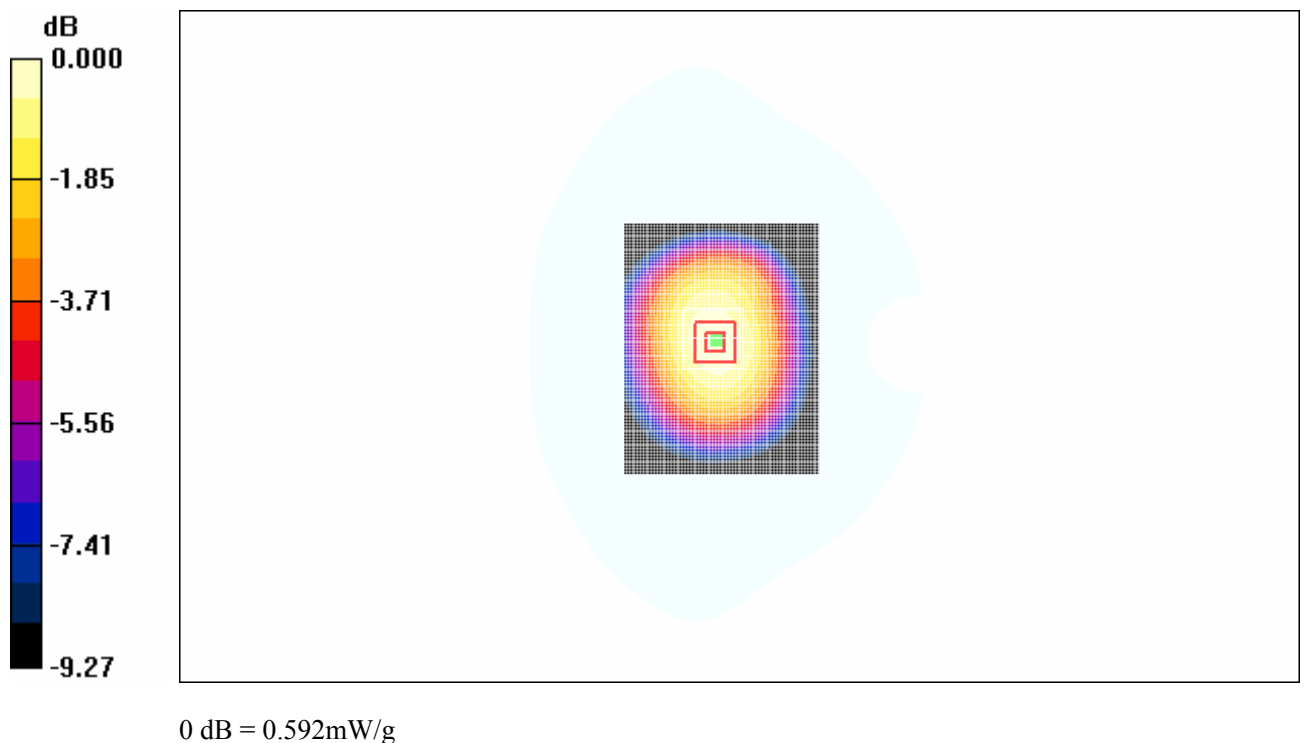


Fig. 35 850 MHz CH128

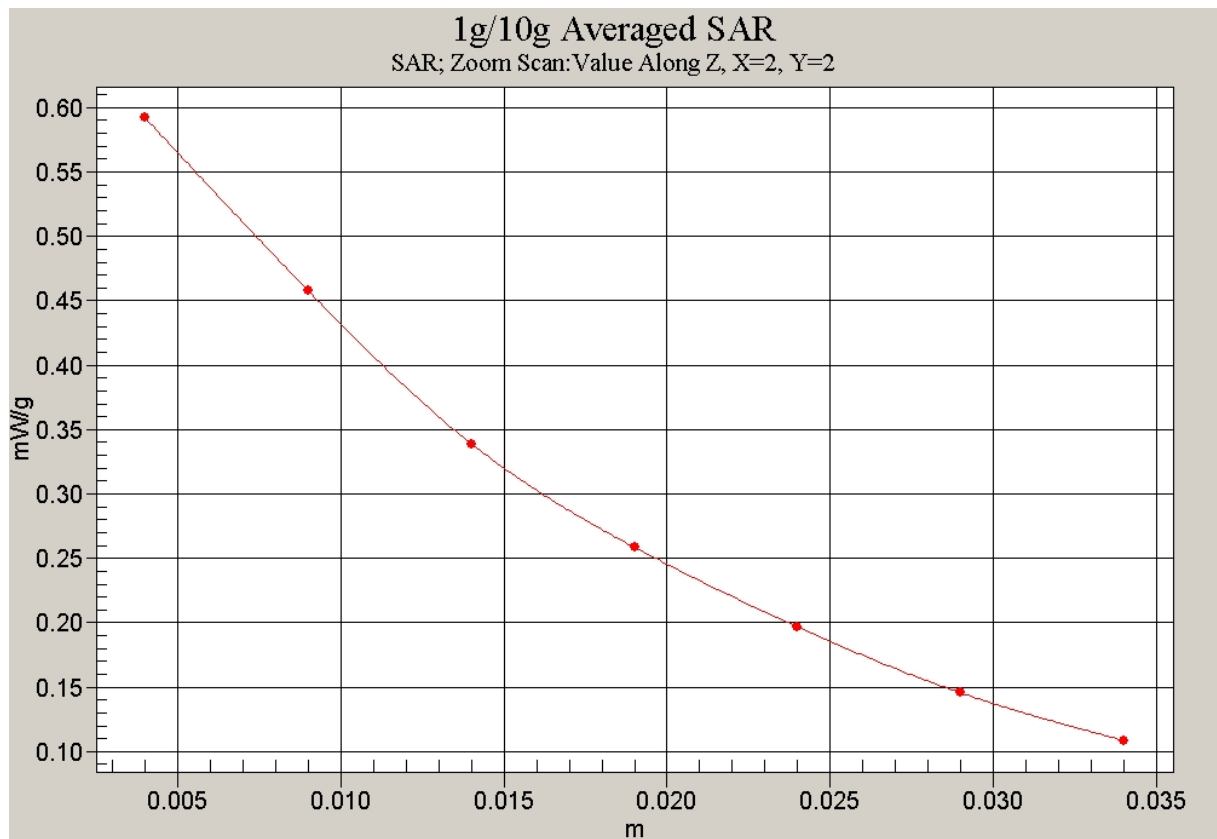


Fig. 36 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Phantom High with GPRS

Date/Time: 2007-8-30 7:26:45

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ 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 (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.877 mW/g

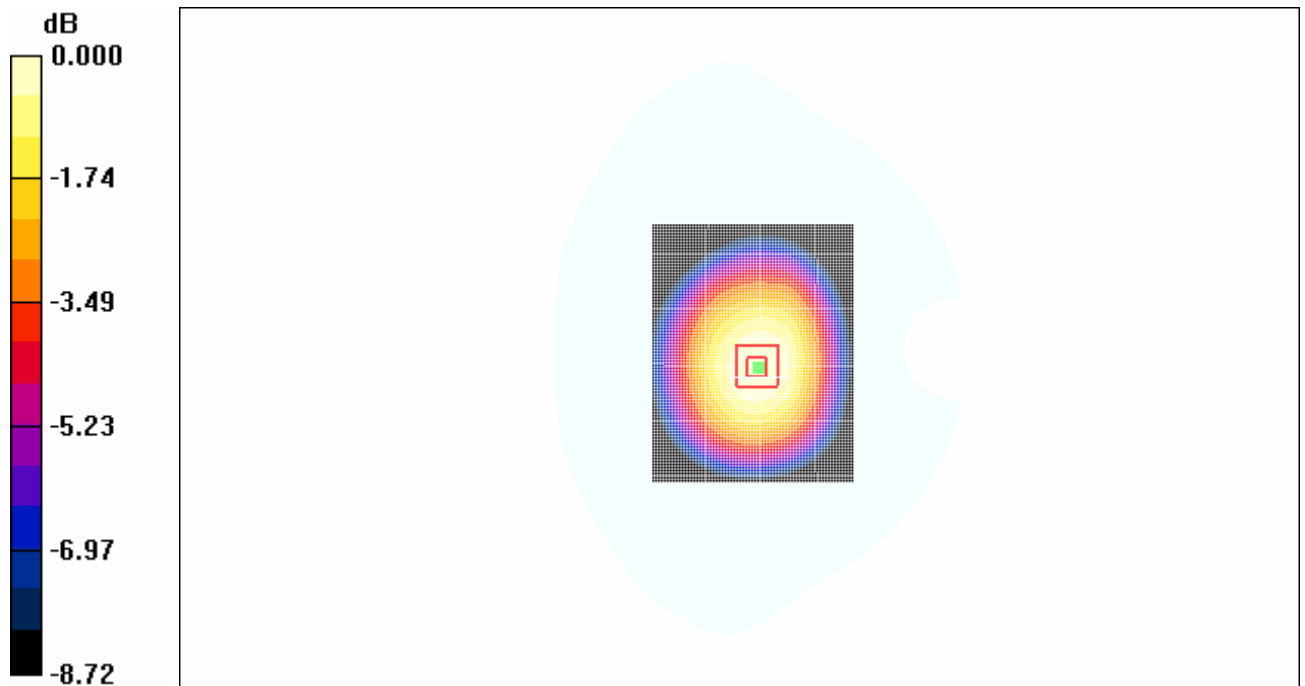
Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.6 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.613 mW/g

Maximum value of SAR (measured) = 0.862 mW/g



0 dB = 0.862mW/g

Fig. 37 850 MHz CH251

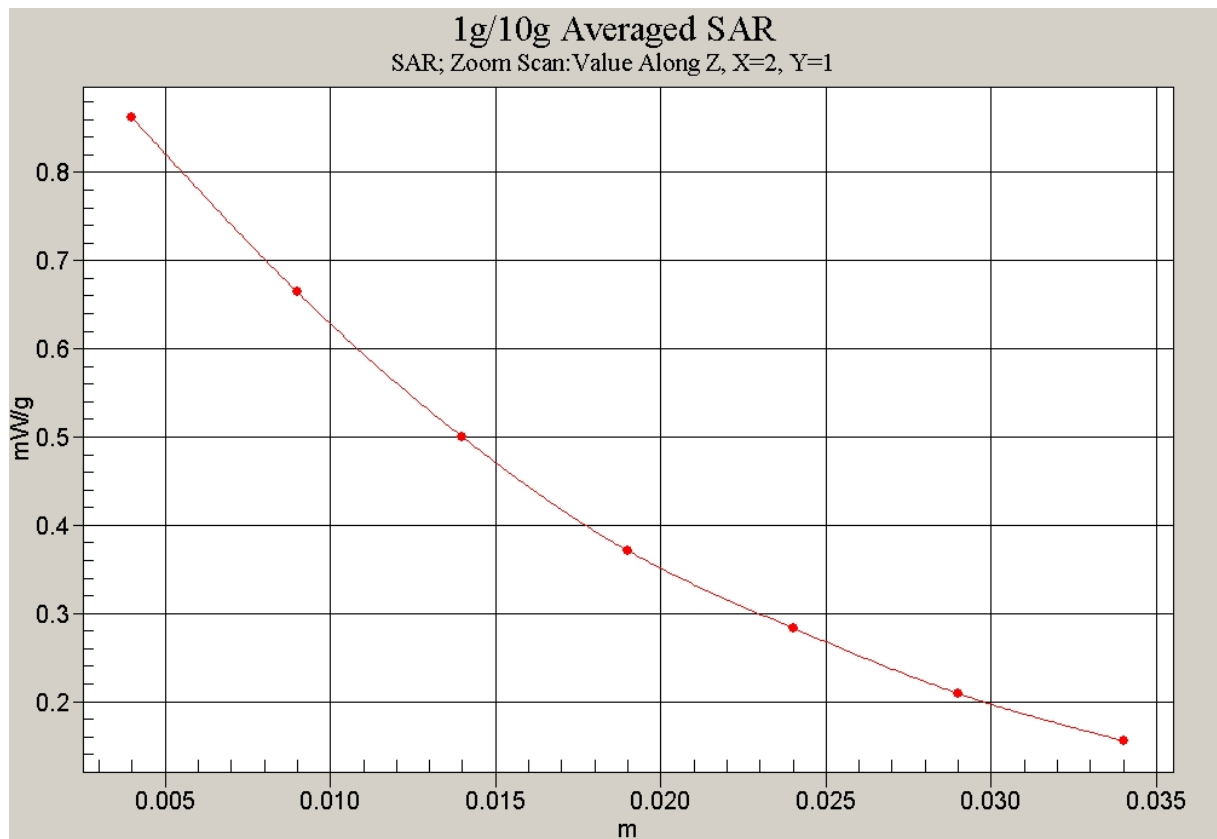


Fig. 38 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Phantom Middle with GPRS

Date/Time: 2007-8-30 7:47:56

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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 (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.06 mW/g

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

Reference Value = 32.6 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.736 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

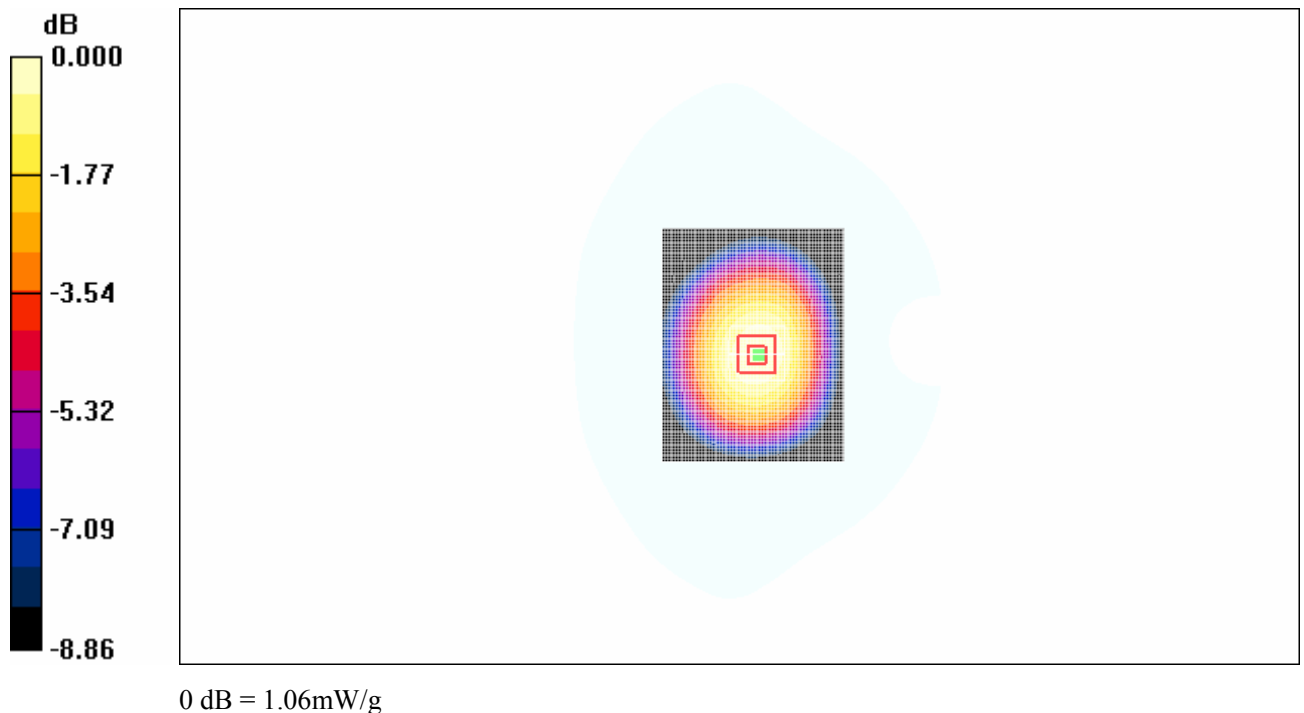


Fig. 39 850 MHz CH190

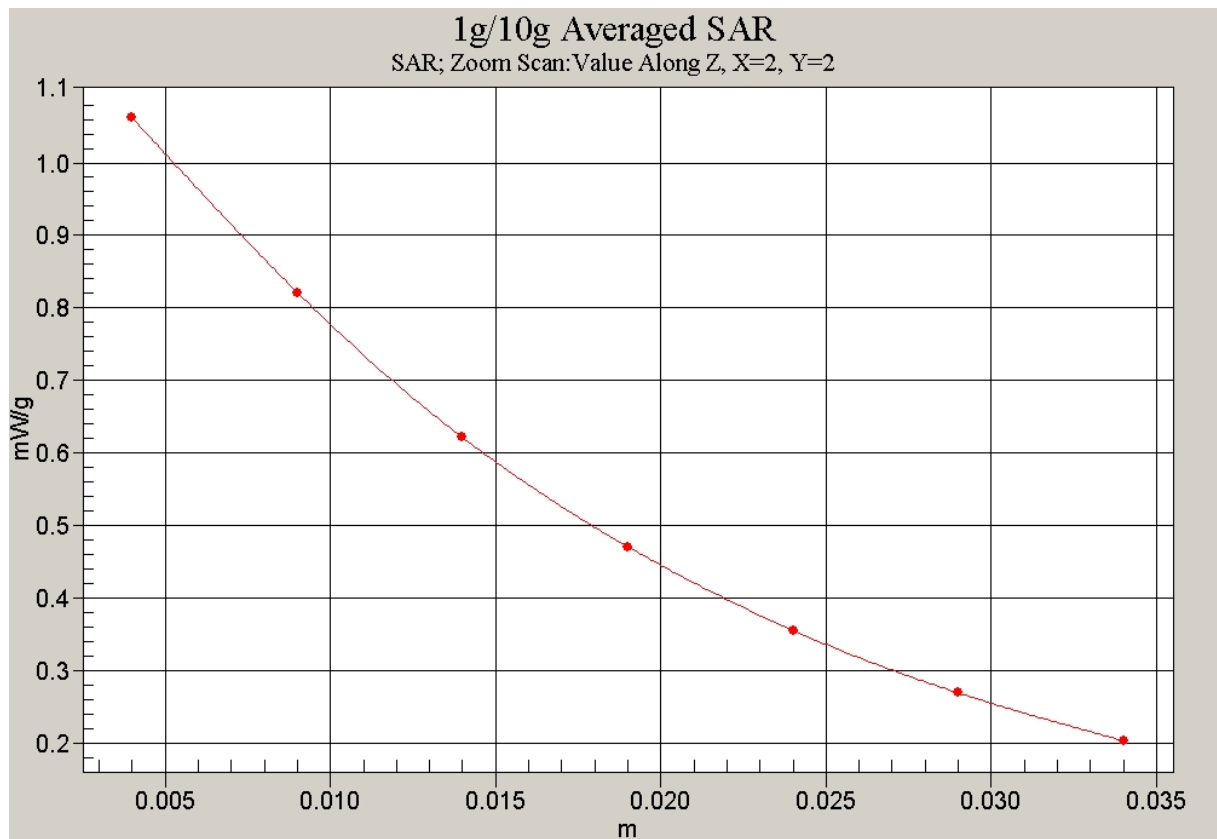


Fig. 40 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Phantom Low with GPRS

Date/Time: 2007-8-30 8:07:34

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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 (71x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 1.04 mW/g

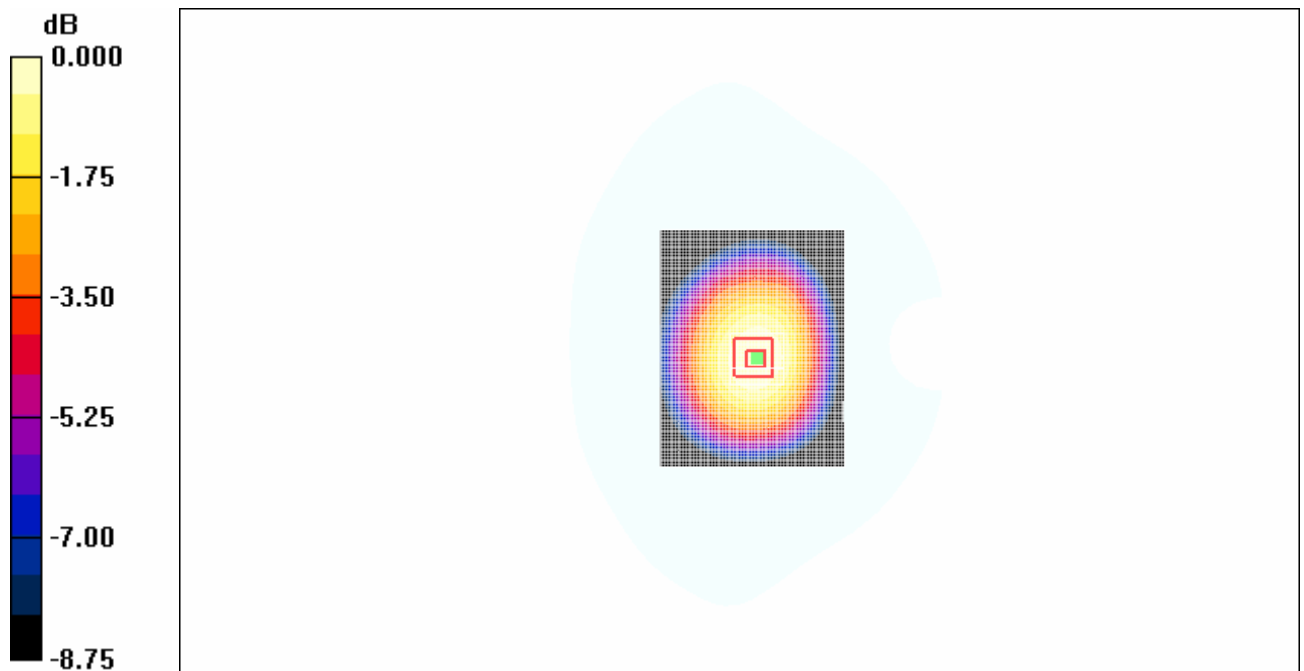
Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.4 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.727 mW/g

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



0 dB = 1.03mW/g

Fig. 41 850 MHz CH128

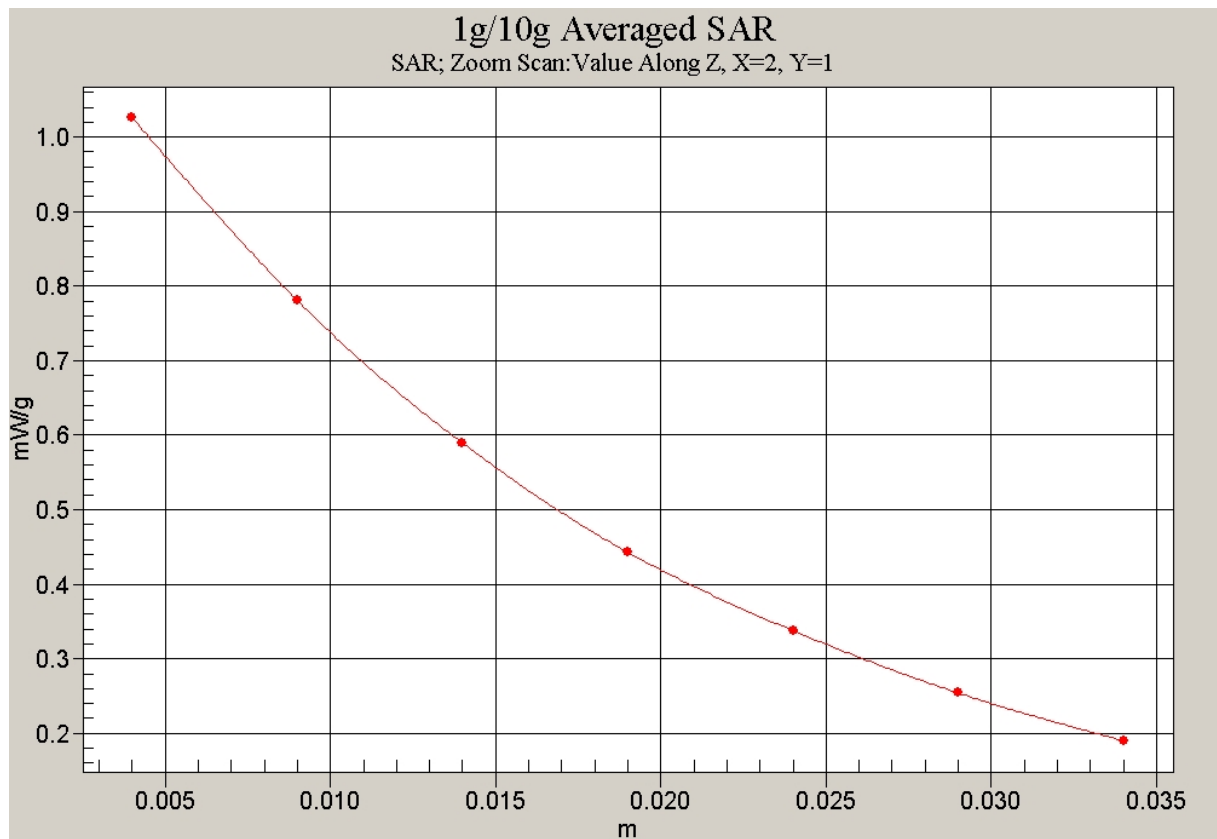


Fig. 42 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground High with GPRS

Date/Time: 2007-8-30 9:13:58

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ 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 (71x91x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

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

Reference Value = 31.7 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.707 mW/g

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

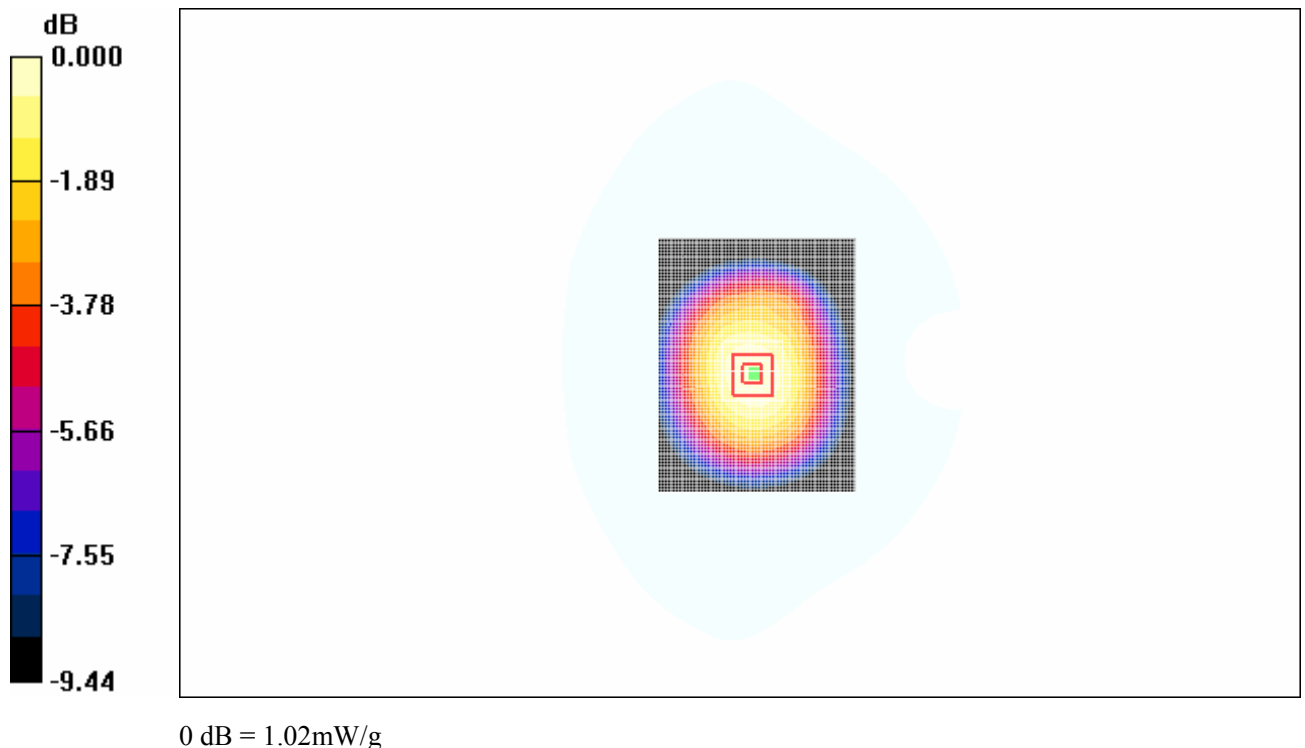


Fig. 43 850 MHz CH251

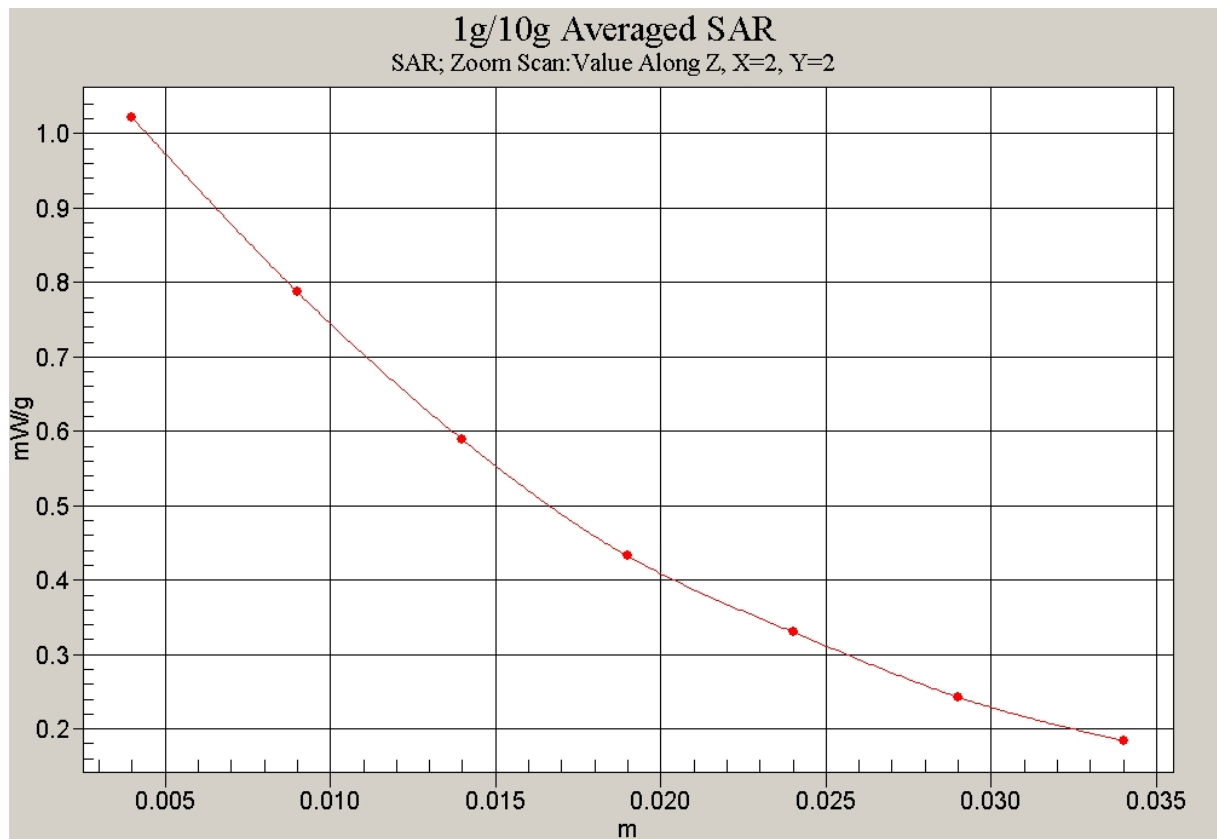


Fig. 44 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with GPRS

Date/Time: 2007-8-30 8:55:43

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.00$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ 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 (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.13 mW/g

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

Reference Value = 33.7 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.787 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

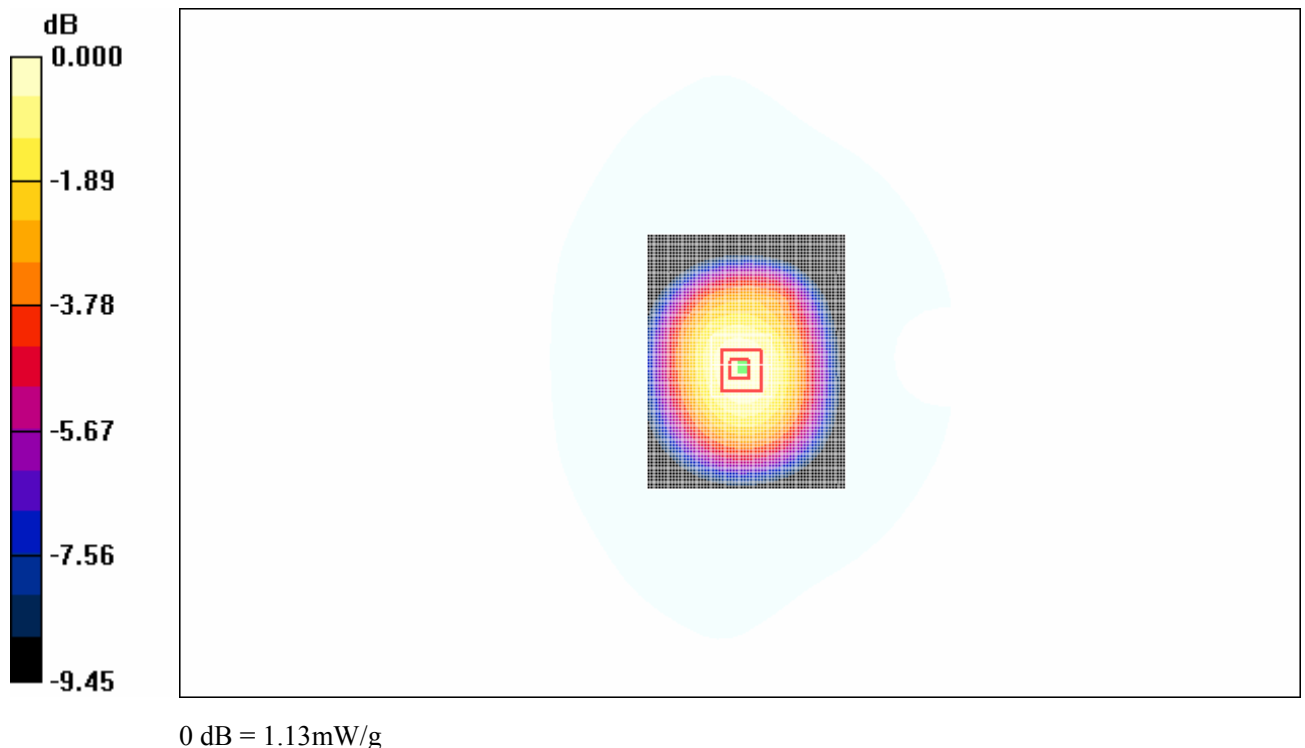


Fig. 45 850 MHz CH190

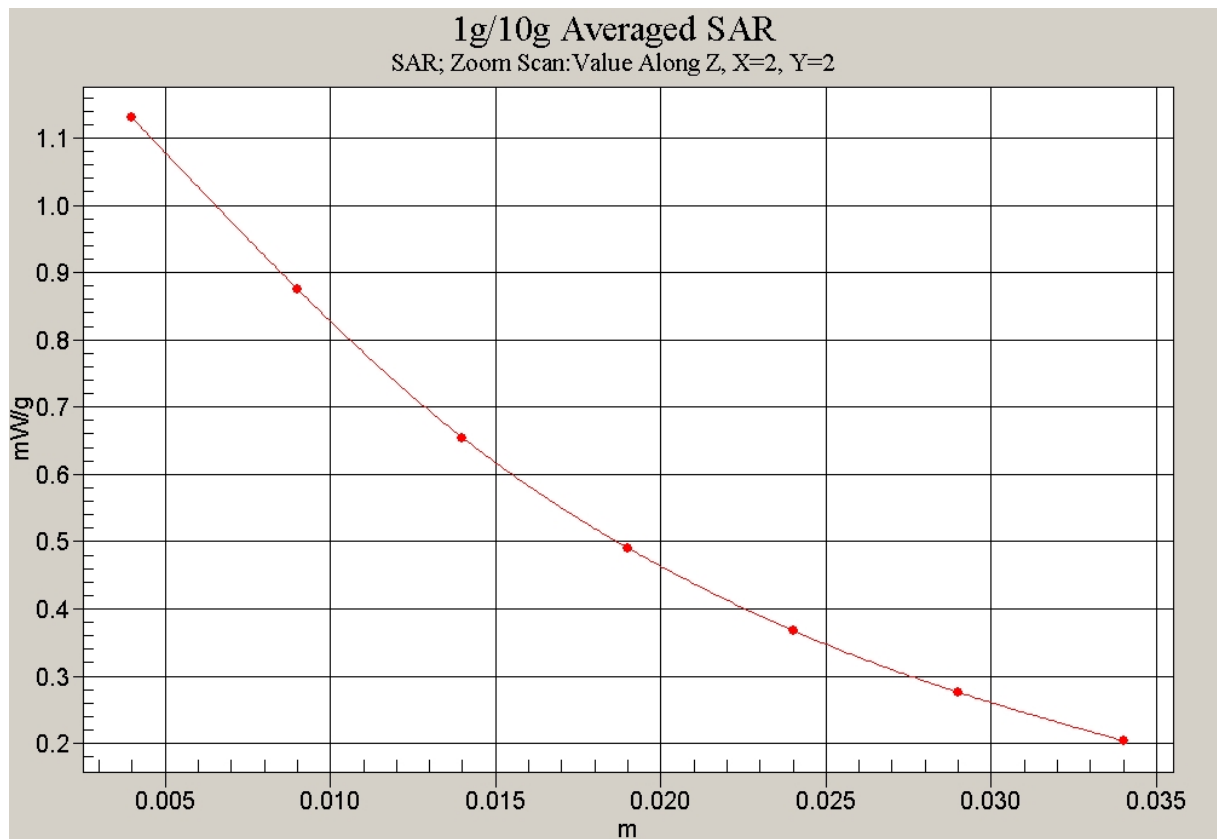


Fig. 46 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low with GPRS

Date/Time: 2007-8-30 8:33:57

Electronics: DAE3 Sn536

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ 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 (71x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.31 mW/g

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

Reference Value = 36.1 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.904 mW/g

Maximum value of SAR (measured) = 1.31 mW/g

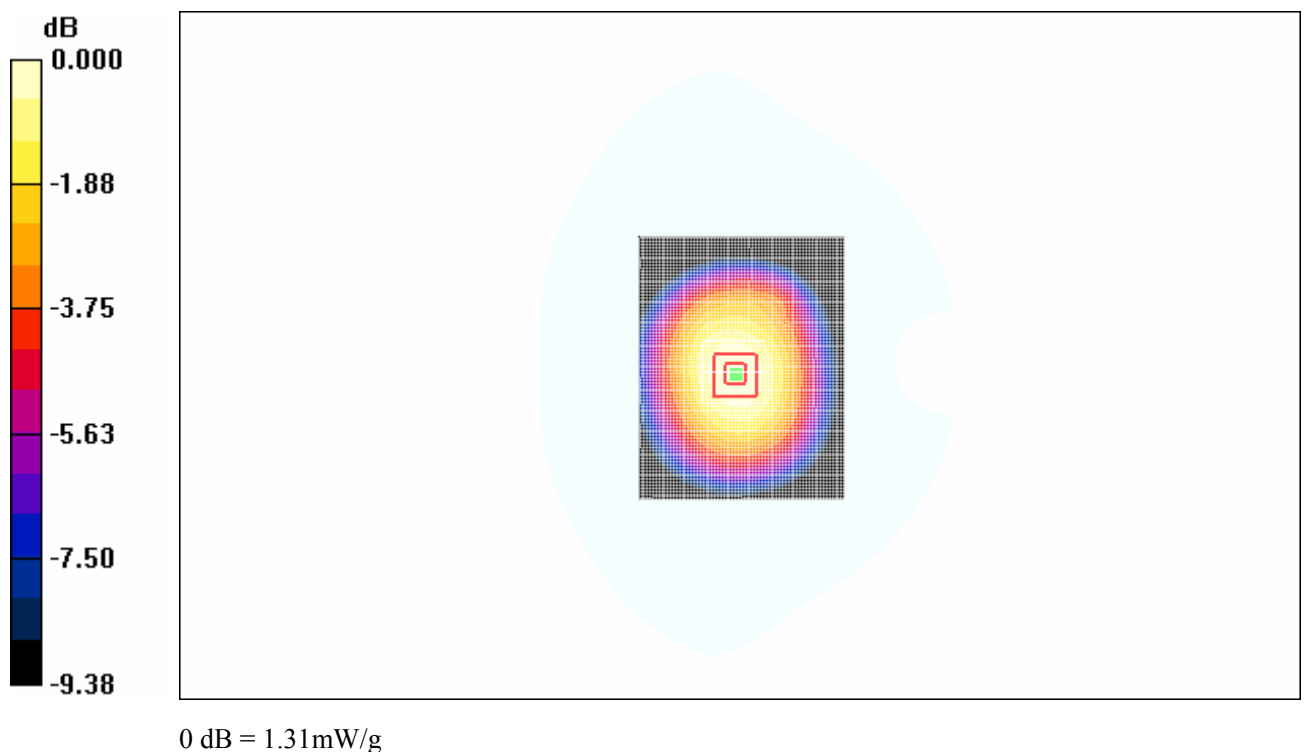


Fig. 47 850 MHz CH128

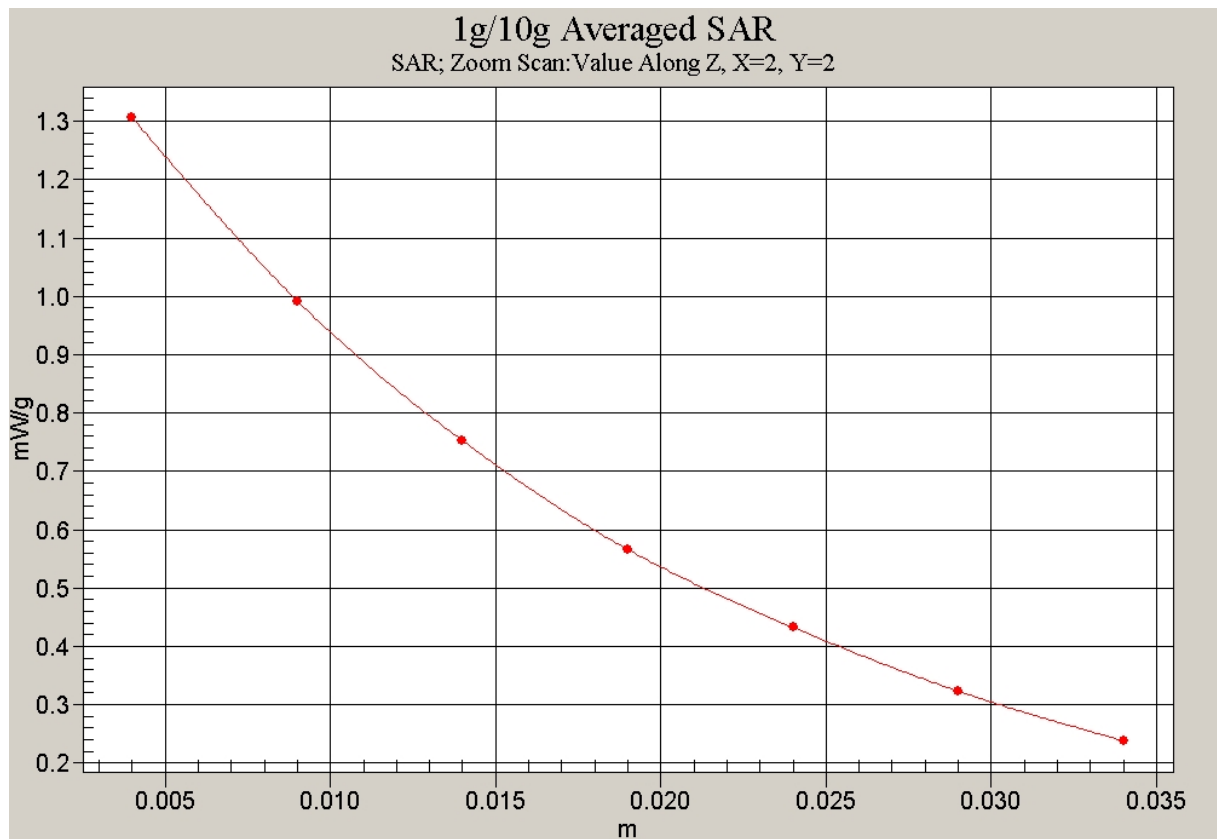


Fig. 48 Z-Scan at power reference point (850 MHz CH128)

1900 Left Cheek High

Date/Time: 2007-8-28 14:44:28

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 1.18 mW/g

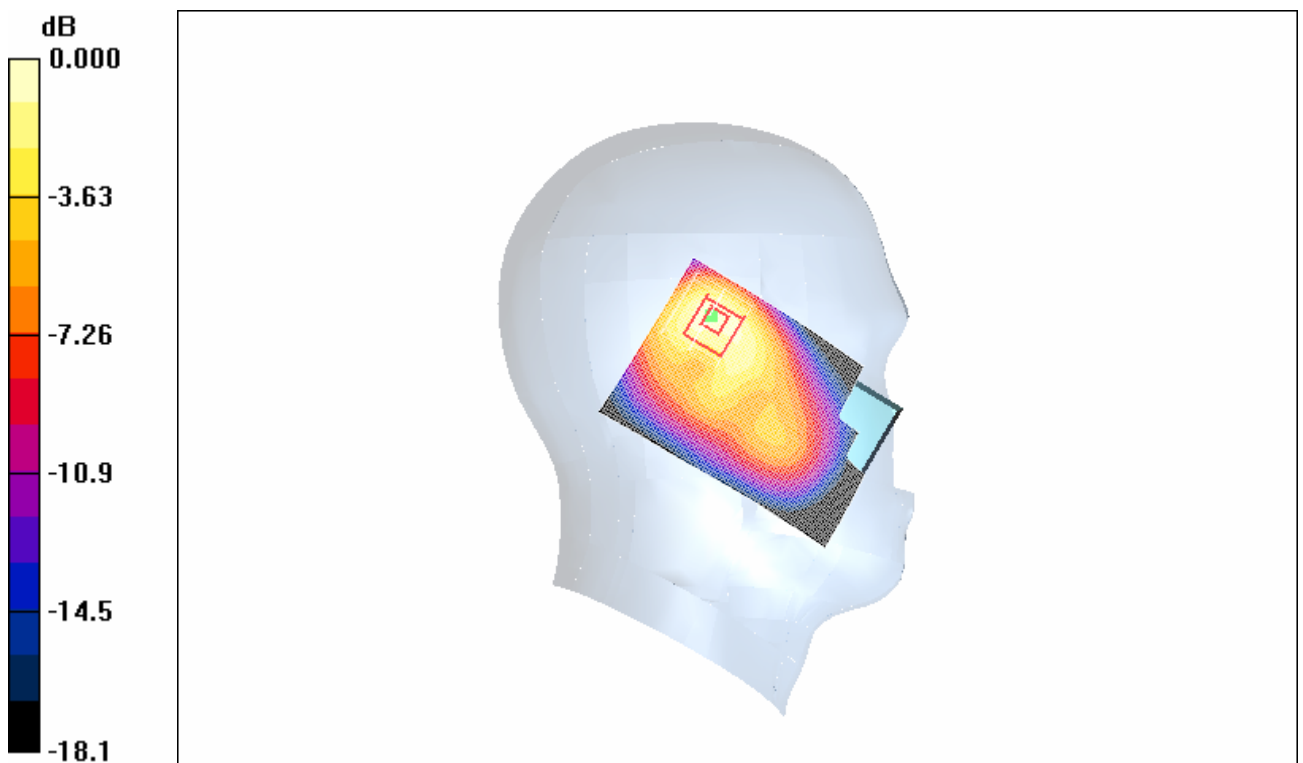
Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.2 V/m; Power Drift = 0.072 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.572 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22mW/g

Fig. 49 1900 MHz CH810

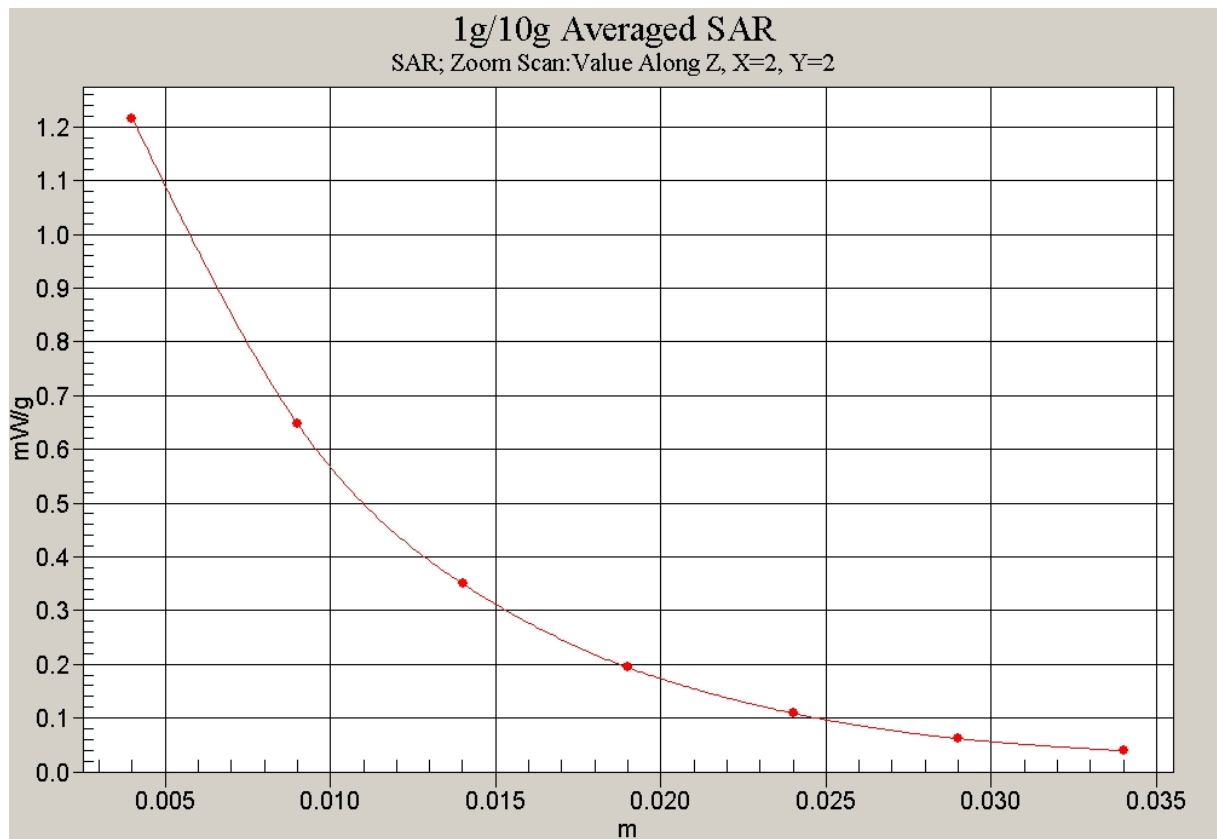


Fig. 50 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Cheek Middle

Date/Time: 2007-8-28 14:59:43

Electronics: DAE3 Sn536

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

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

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

Probe: ET3DV6 - SN1736 ConvF(5.4, 5.4, 5.4)

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

Maximum value of SAR (interpolated) = 1.27 mW/g

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

Reference Value = 14.5 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.30 mW/g

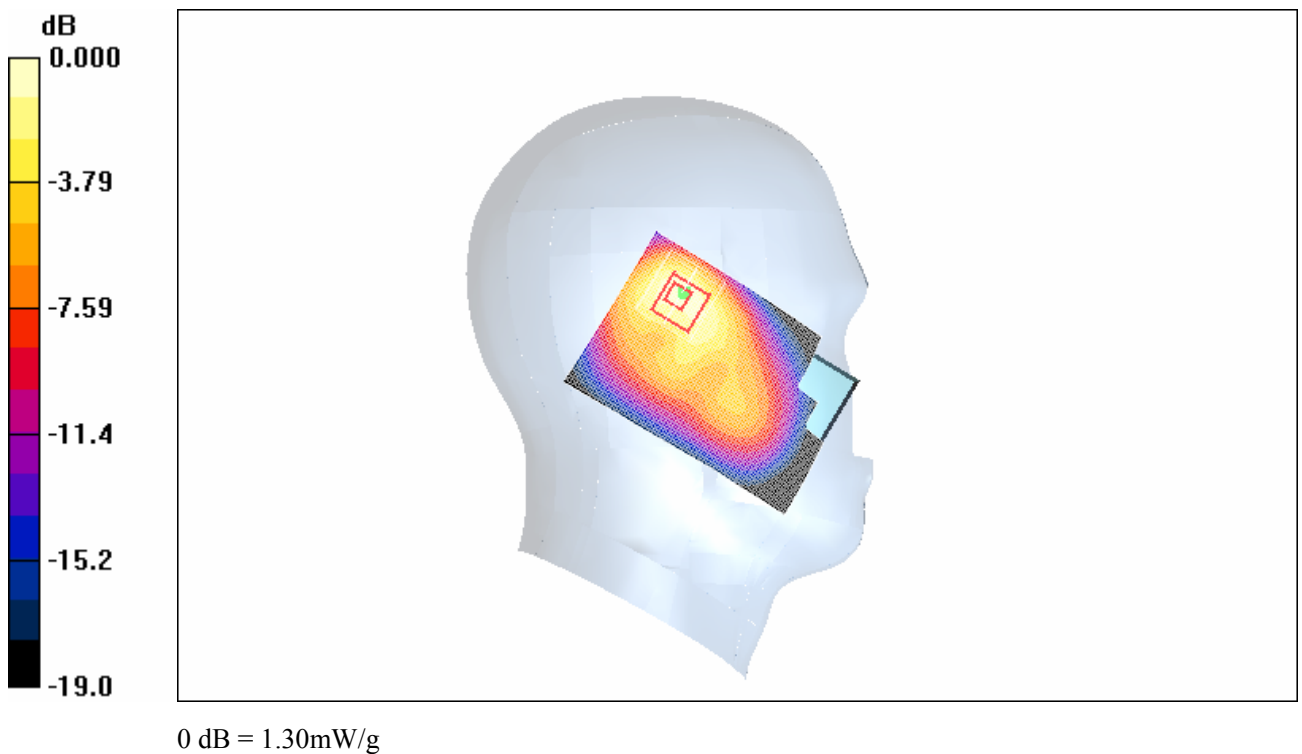


Fig. 51 1900 MHz CH661

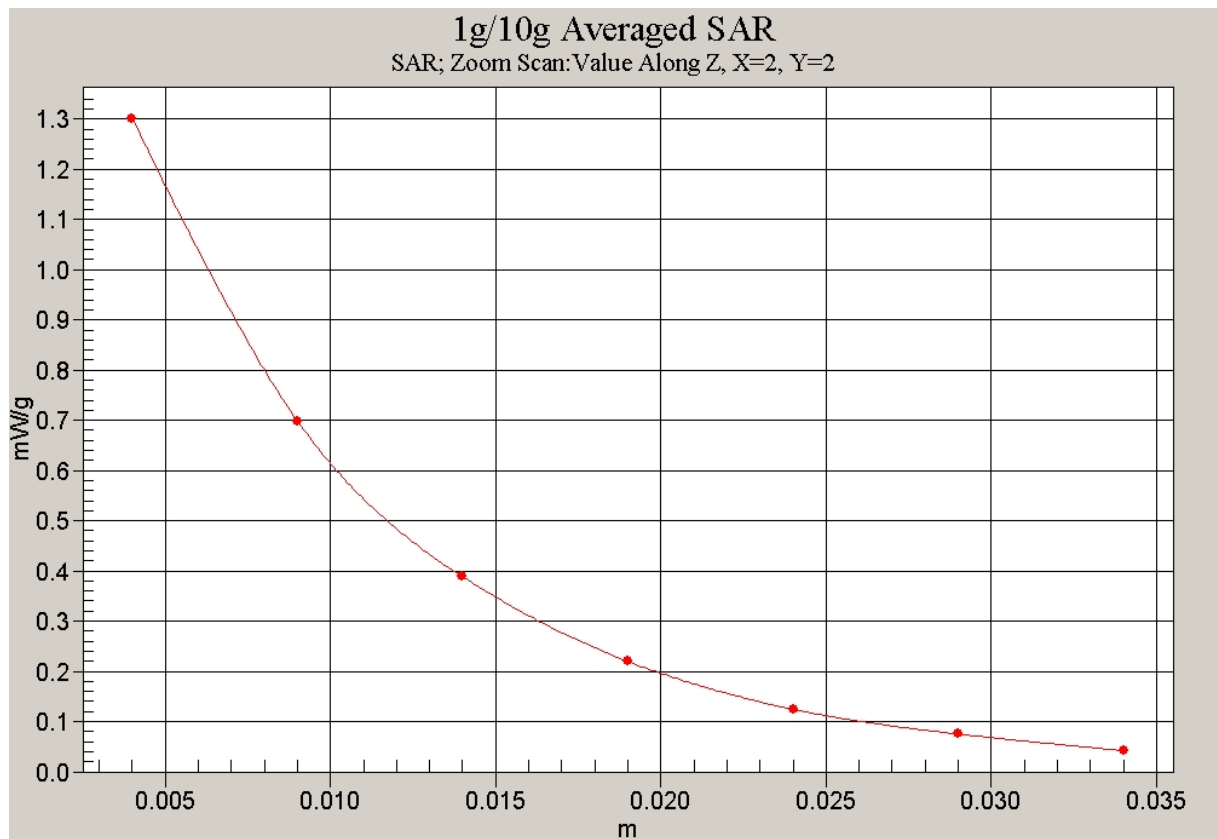


Fig. 52 Z-Scan at power reference point (1900 MHz CH661)