

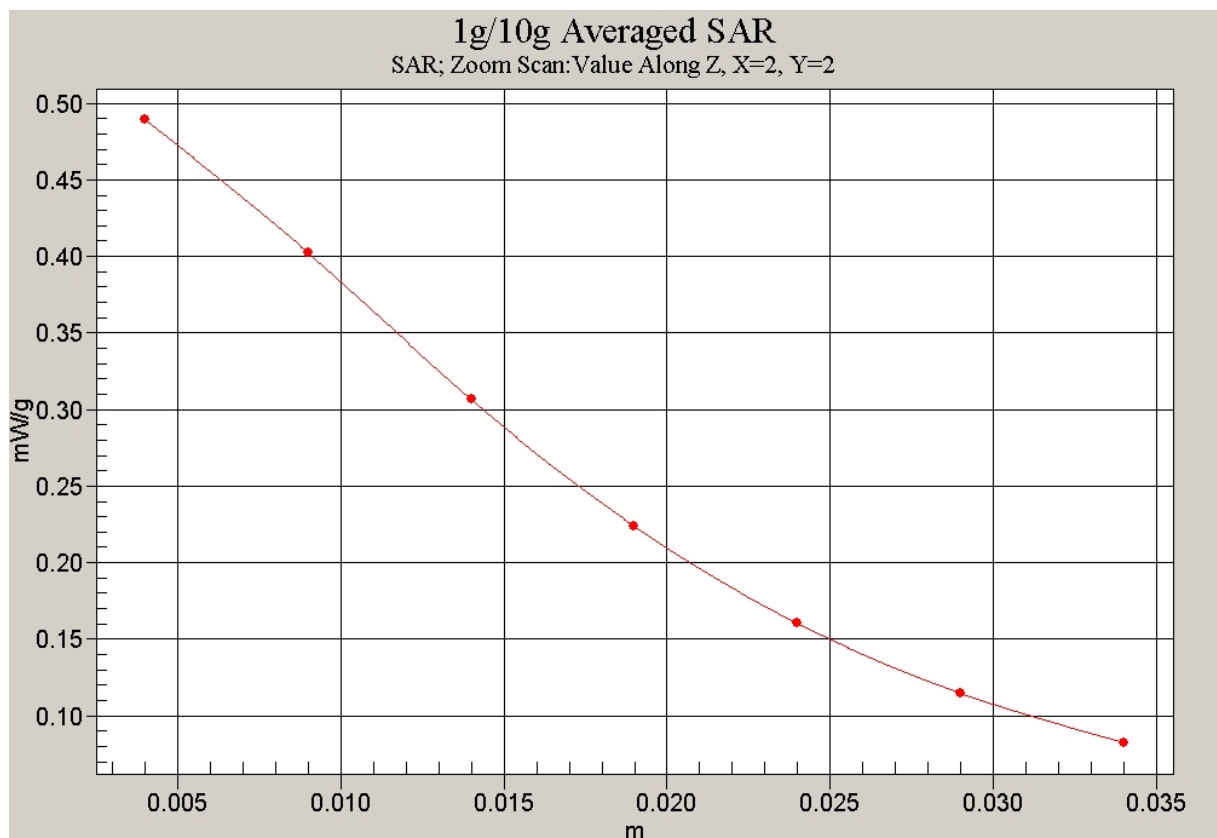


Fig. 6 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt High

Date/Time: 2008-9-12 12:22:32

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Left Tilt High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.176 mW/g

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

Reference Value = 7.53 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.171 mW/g

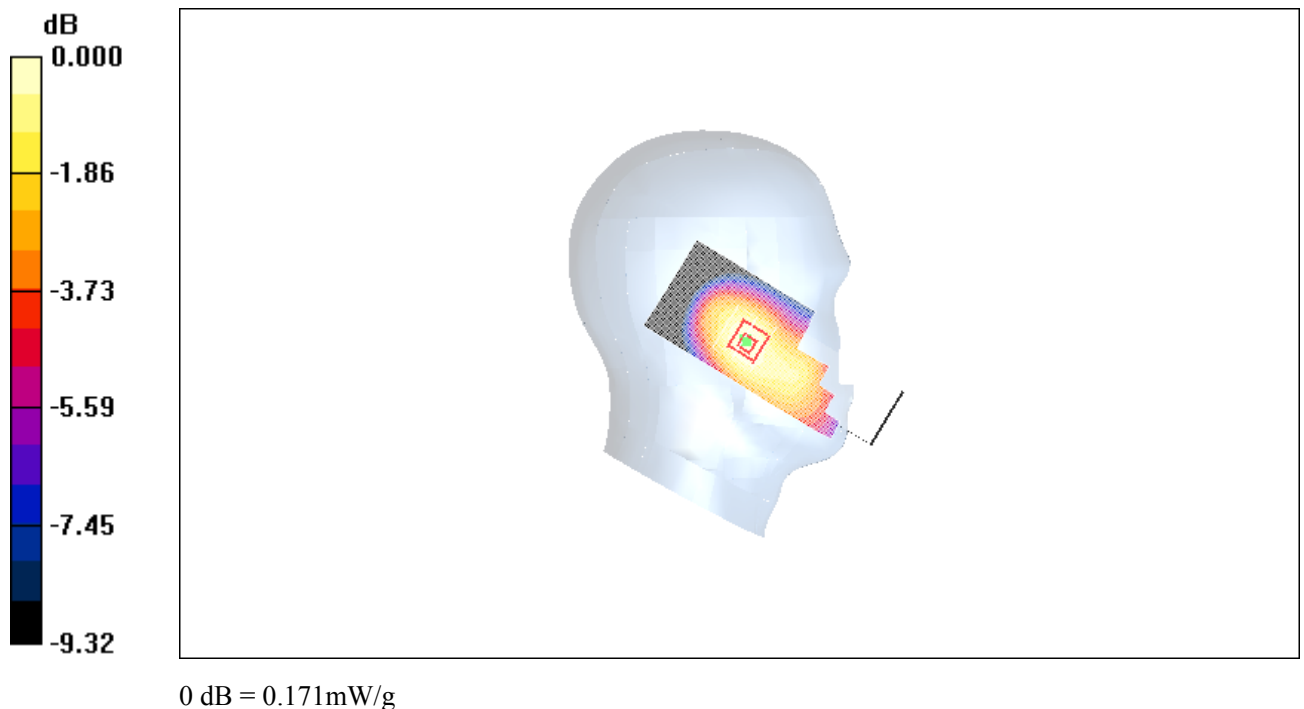


Fig.7 850 MHz CH251

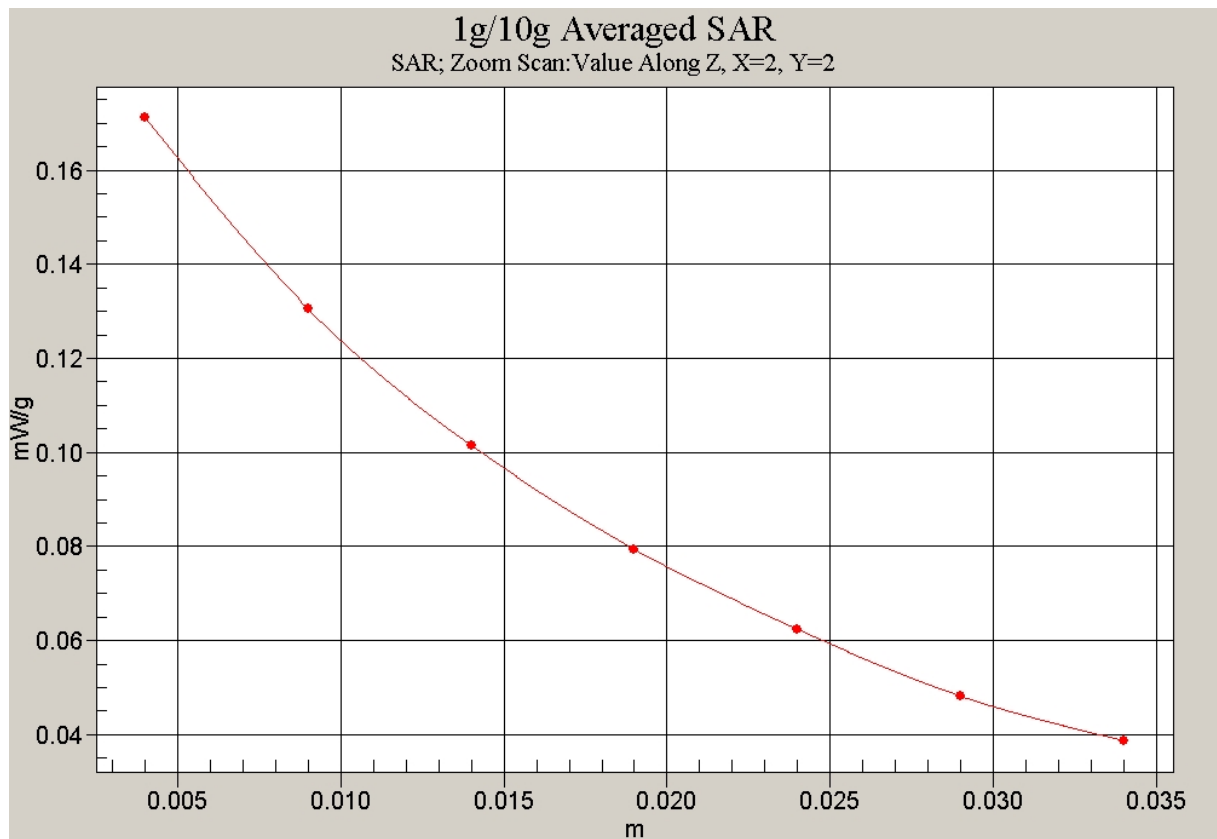


Fig. 8 Z-Scan at power reference point (850 MHz CH251)

850 Left Tilt Middle

Date/Time: 2008-9-12 12:07:23

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Left Tilt Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.157 mW/g

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

Reference Value = 7.23 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.155 mW/g

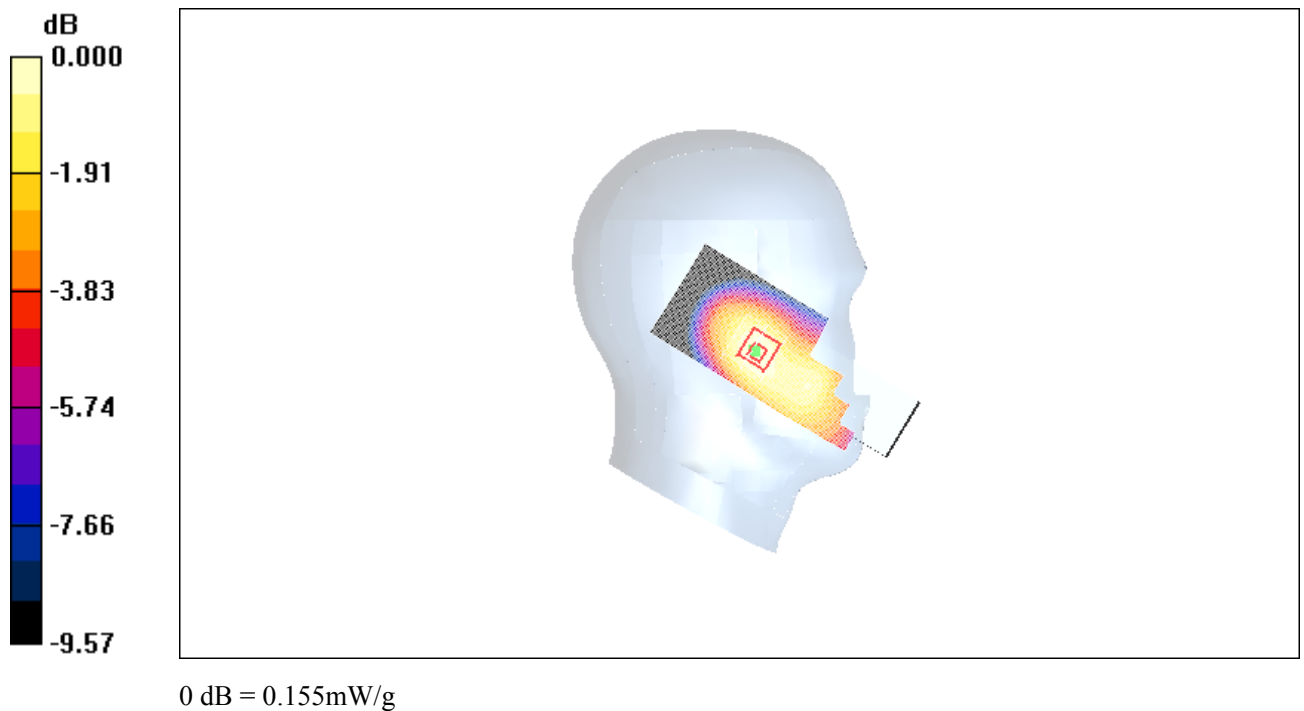


Fig.9 850 MHz CH190

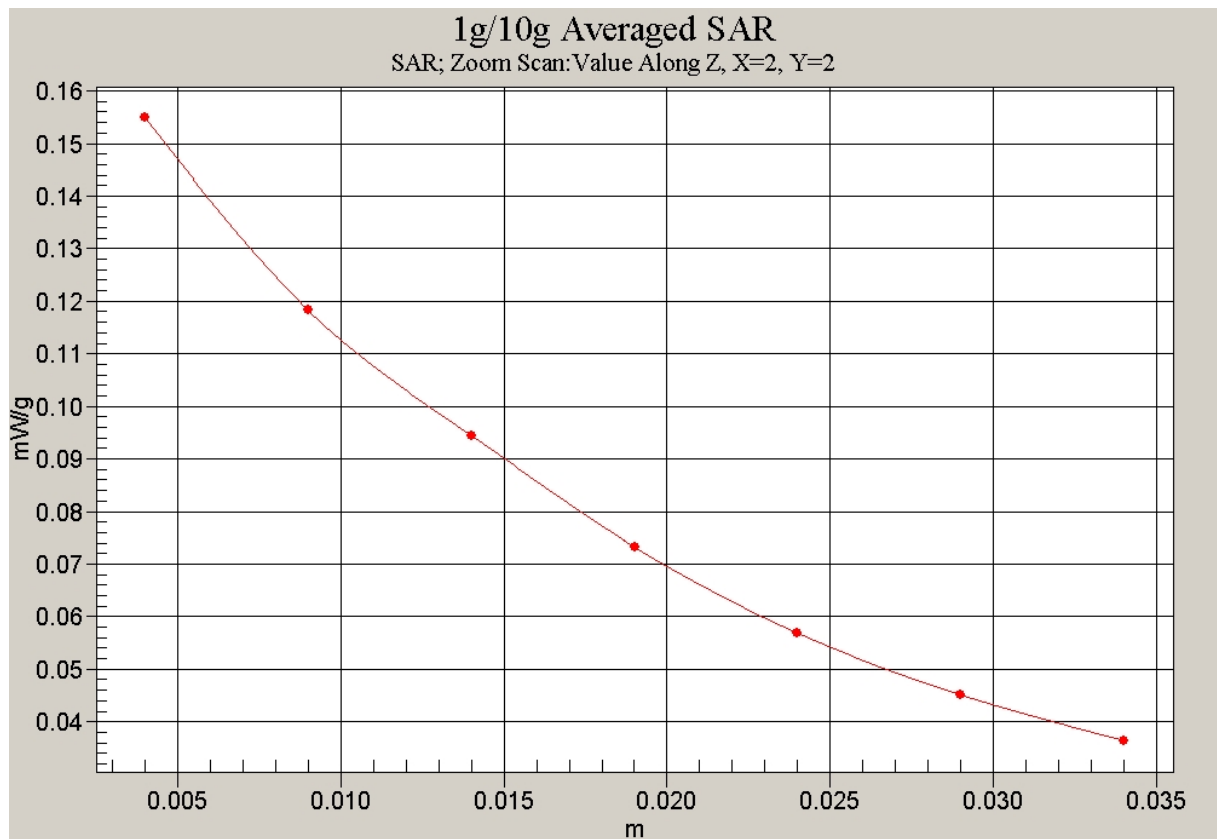


Fig. 10 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt Low

Date/Time: 2008-9-12 11:37:18

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used: $f = 825$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Left Tilt Low/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.107 mW/g

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

Reference Value = 5.90 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.104 mW/g

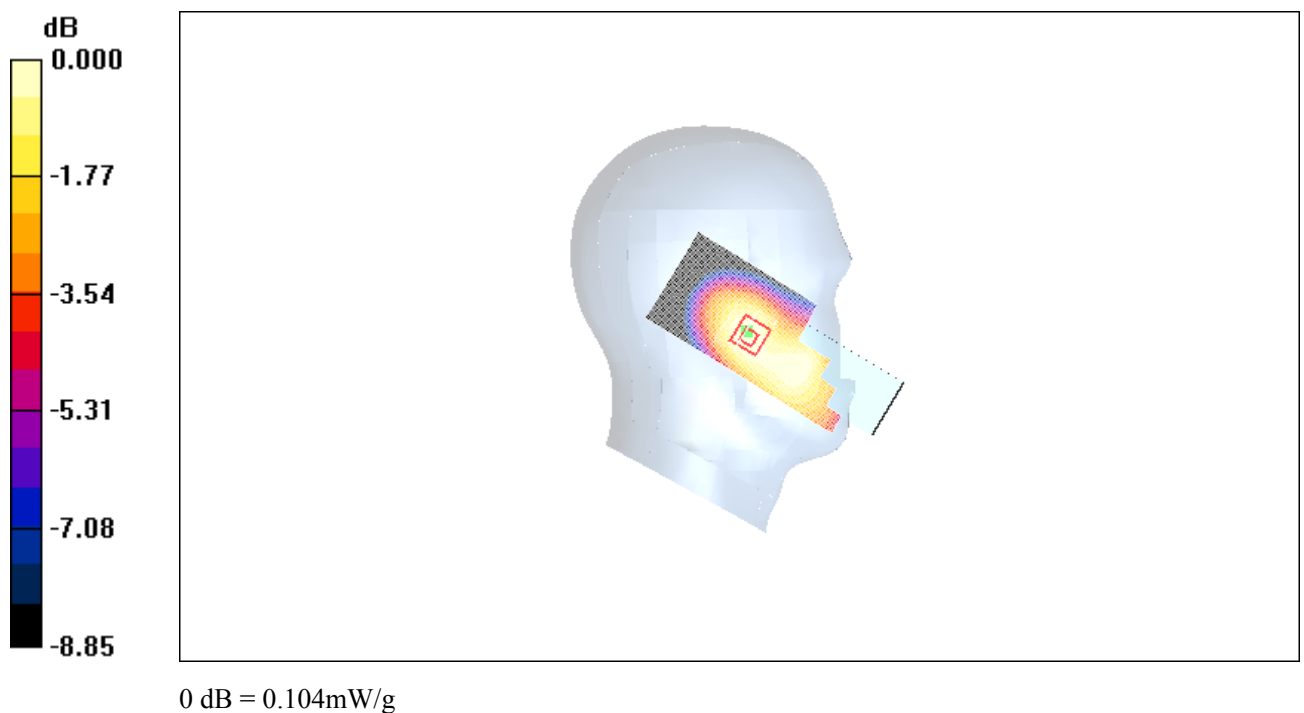


Fig. 11 850 MHz CH128

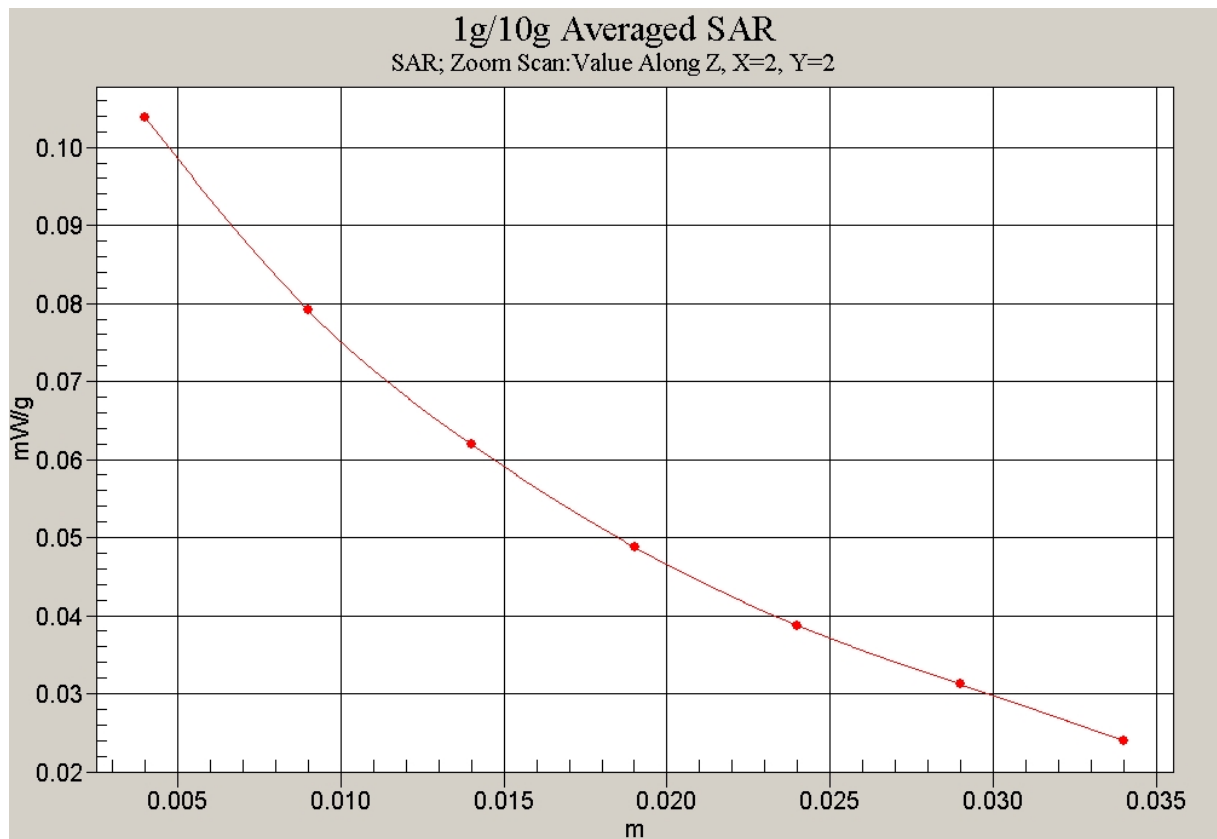


Fig. 12 Z-Scan at power reference point (850 MHz CH128)

850 Right Cheek High

Date/Time: 2008-9-12 13:35:19

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Right Cheek High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.664 mW/g

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

Reference Value = 4.31 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.407 mW/g

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

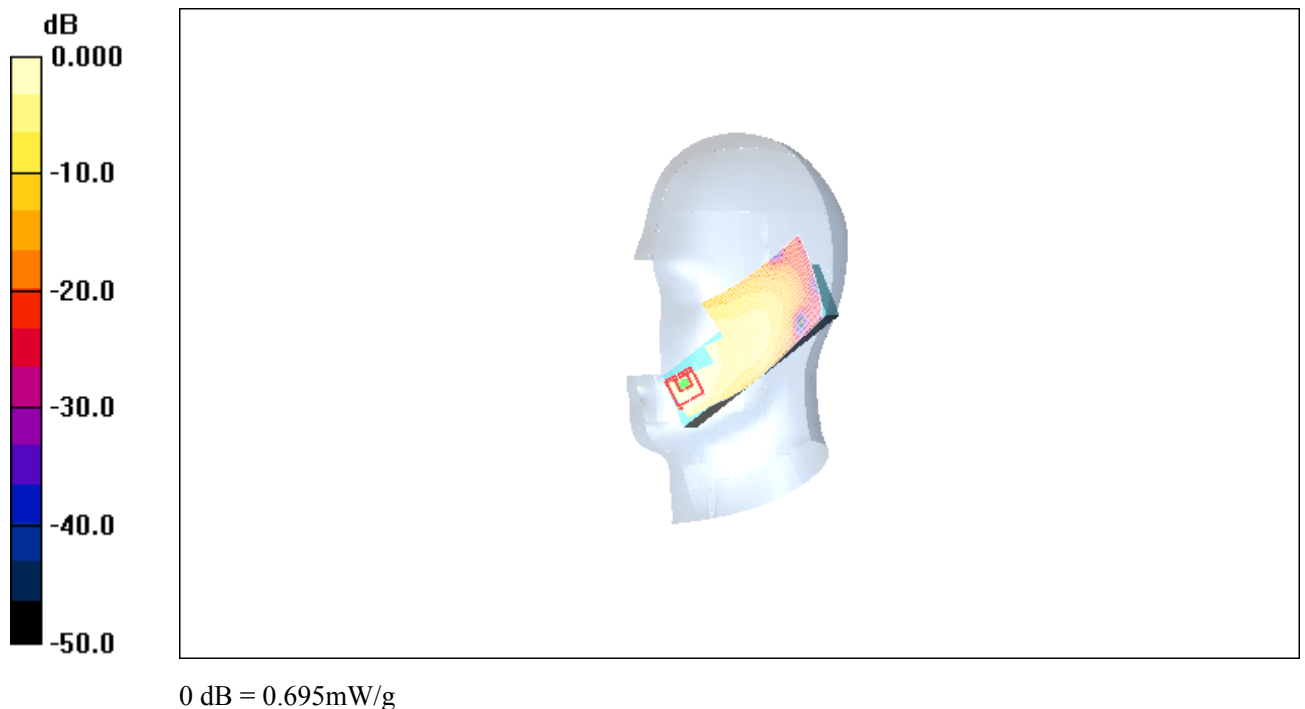


Fig. 13 850 MHz CH251

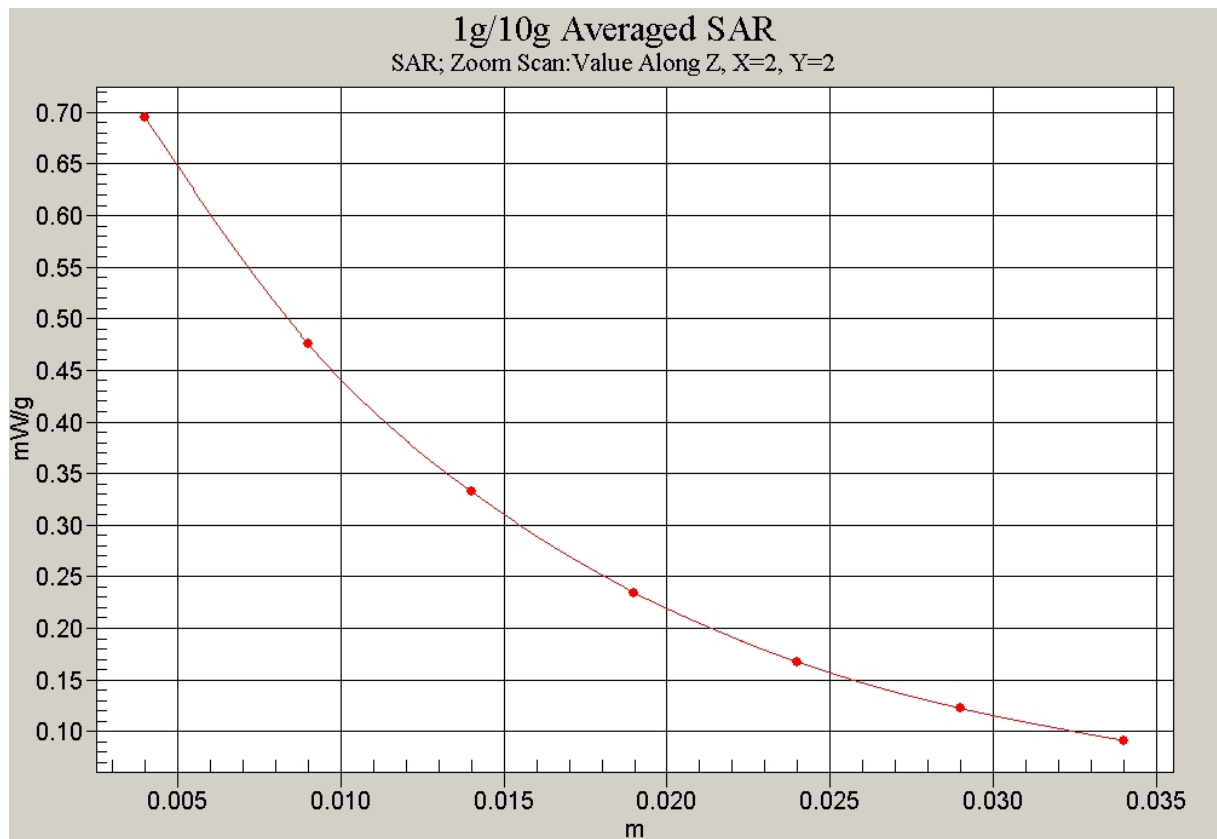


Fig. 14 Z-Scan at power reference point (850 MHz CH251)

850 Right Cheek Middle

Date/Time: 2008-9-12 13:20:10

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Right Cheek Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.710 mW/g

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

Reference Value = 4.44 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.438 mW/g

Maximum value of SAR (measured) = 0.758 mW/g

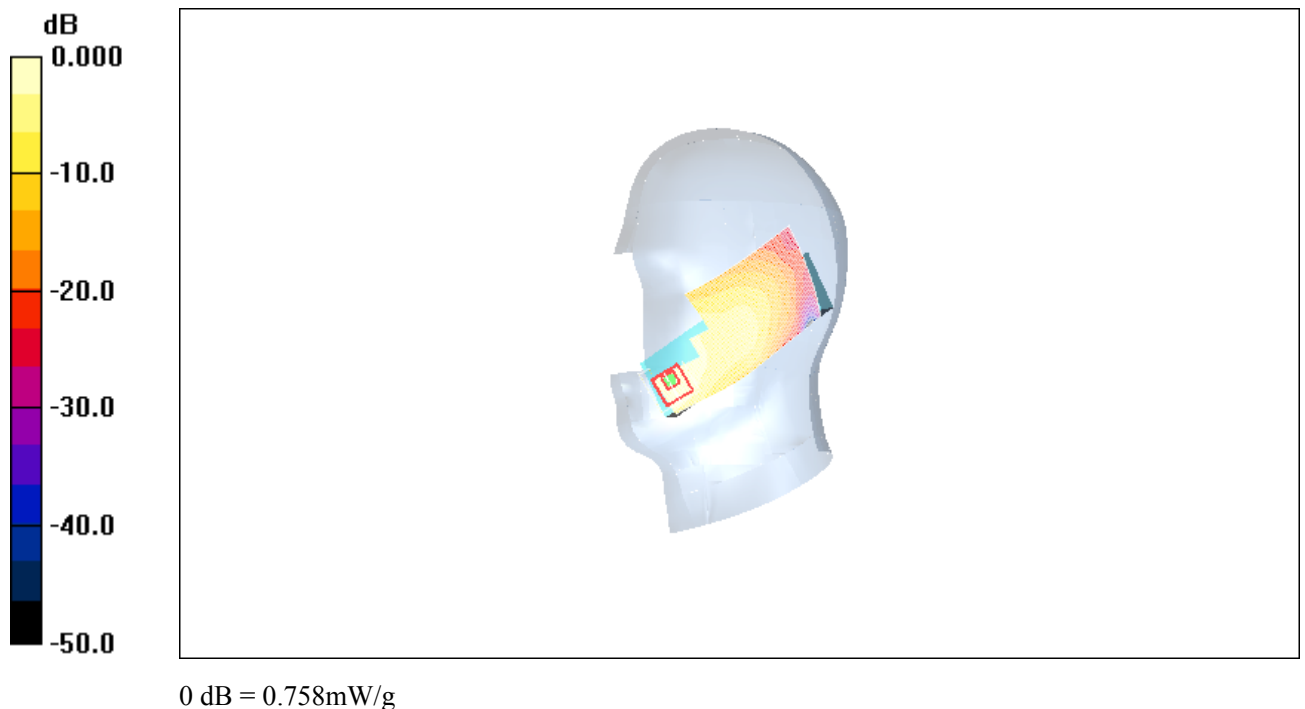


Fig. 15 850 MHz CH190

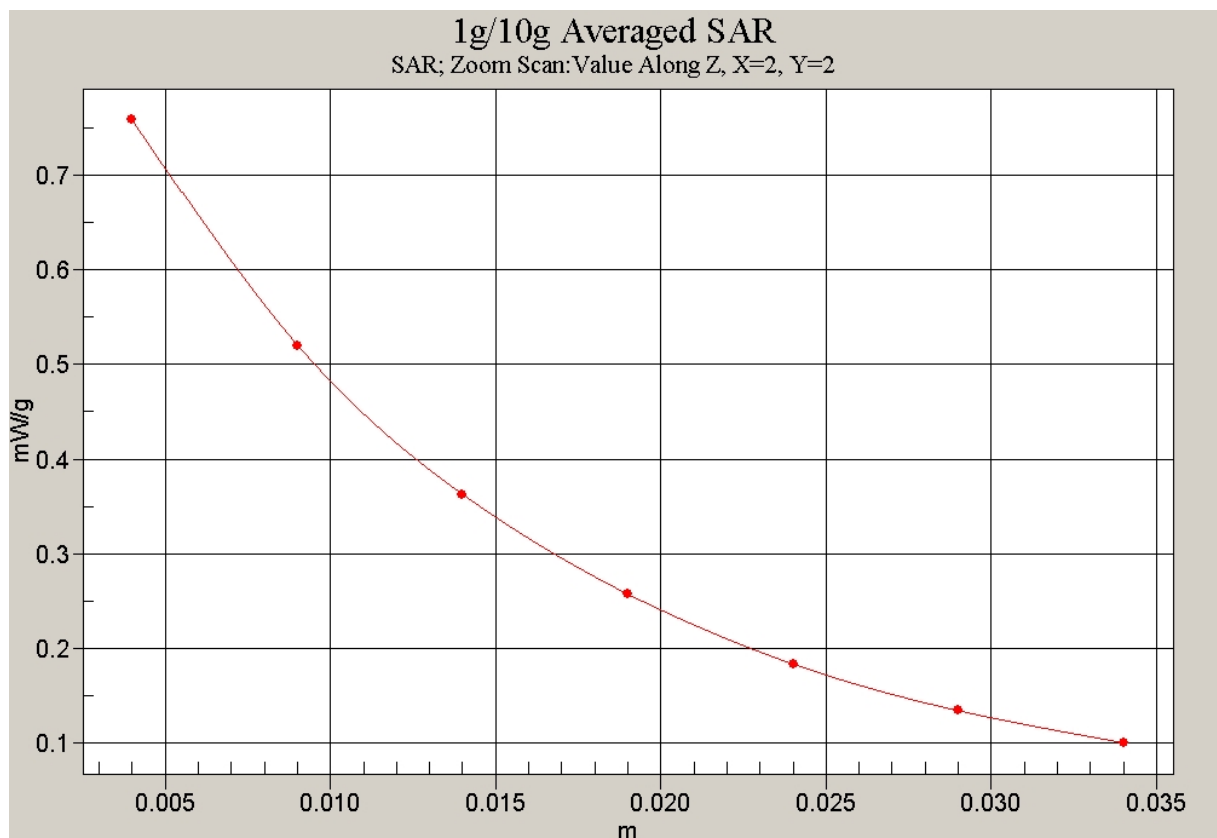


Fig. 16 Z-Scan at power reference point (850 MHz CH190)

850 Right Cheek Low

Date/Time: 2008-9-12 13:51:15

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.878 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$

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(6.28, 6.28, 6.28)

Right Cheek Low/Area Scan (51x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Right Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.39 V/m ; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.535 mW/g ; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.579 mW/g

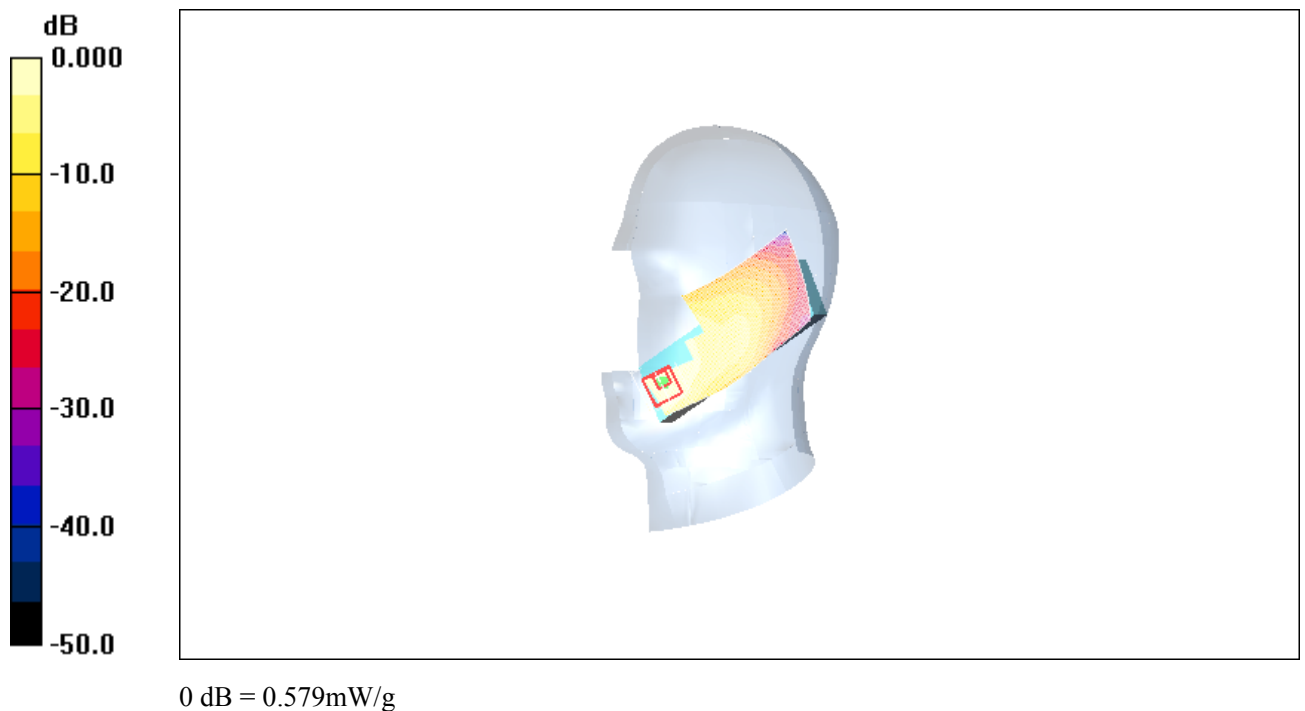


Fig. 17 850 MHz CH128

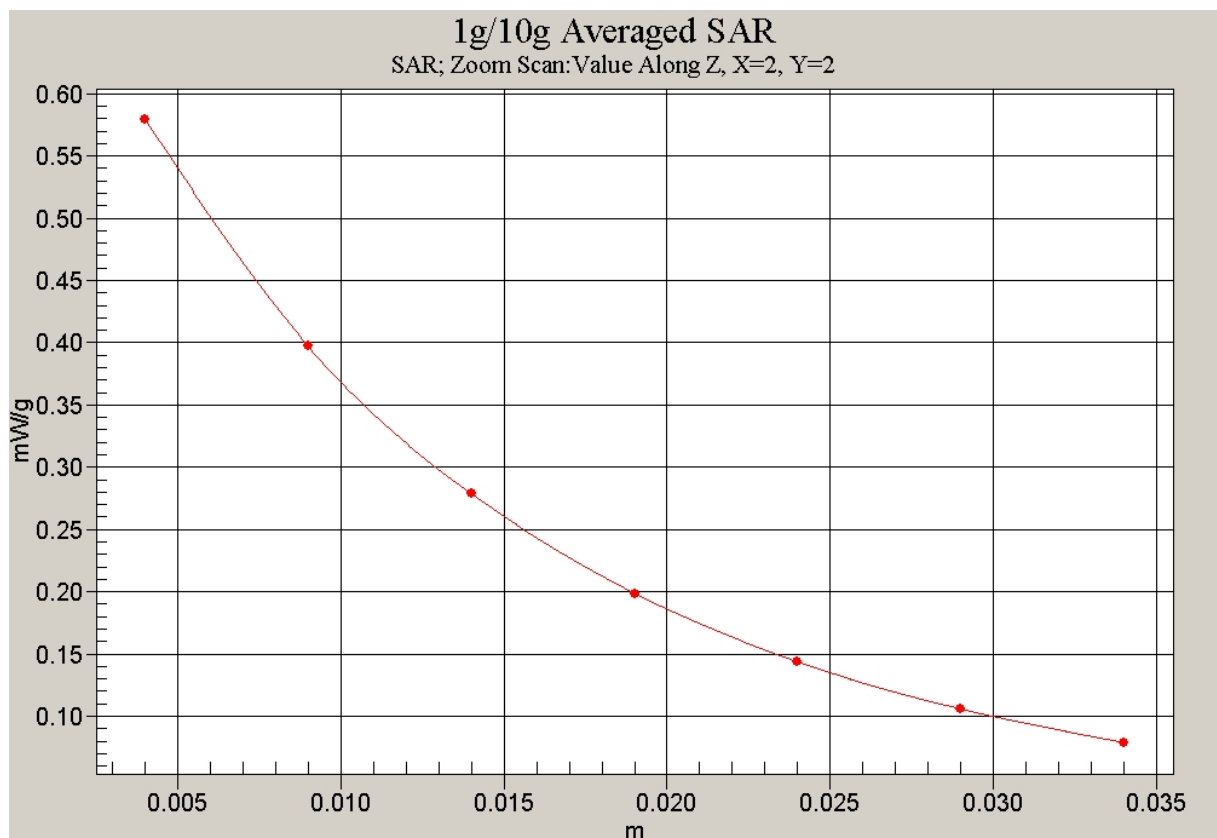


Fig. 18 Z-Scan at power reference point (850 MHz CH128)

850 Right Tilt High

Date/Time: 2008-9-12 14:22:23

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Right Tilt High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.174 mW/g

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

Reference Value = 7.82 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.172 mW/g

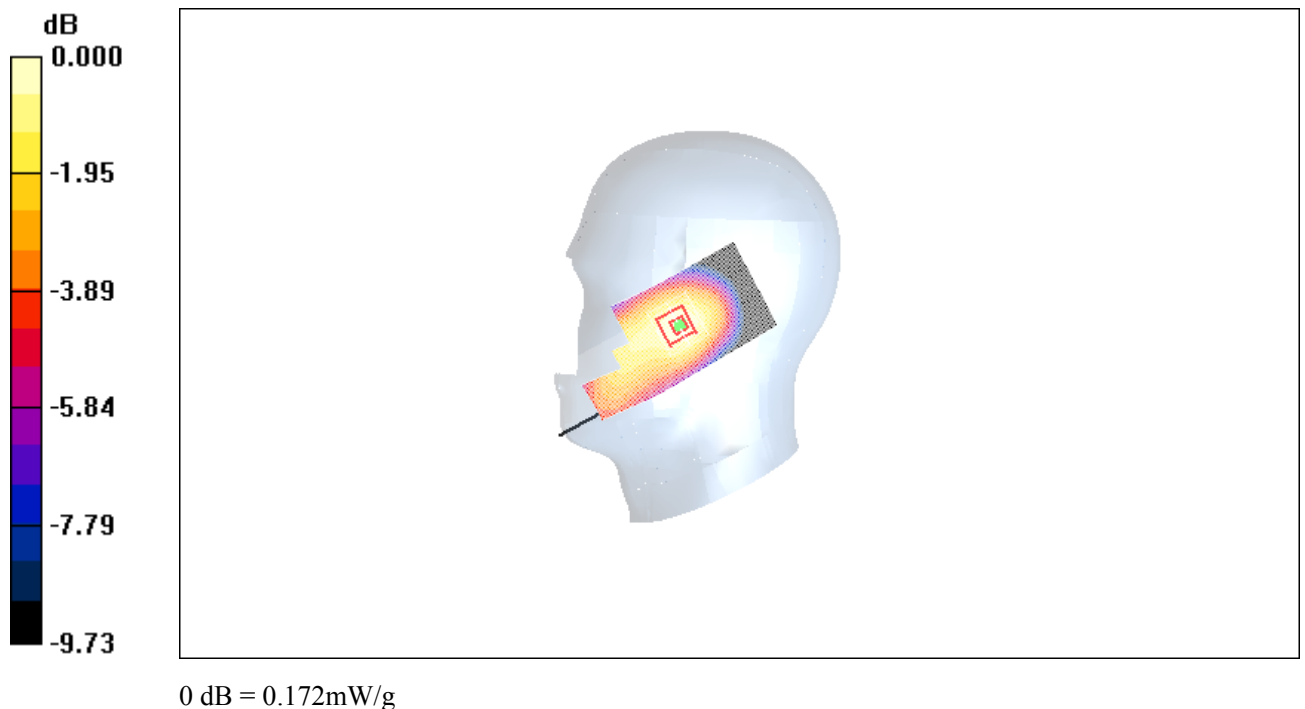


Fig.19 850 MHz CH251

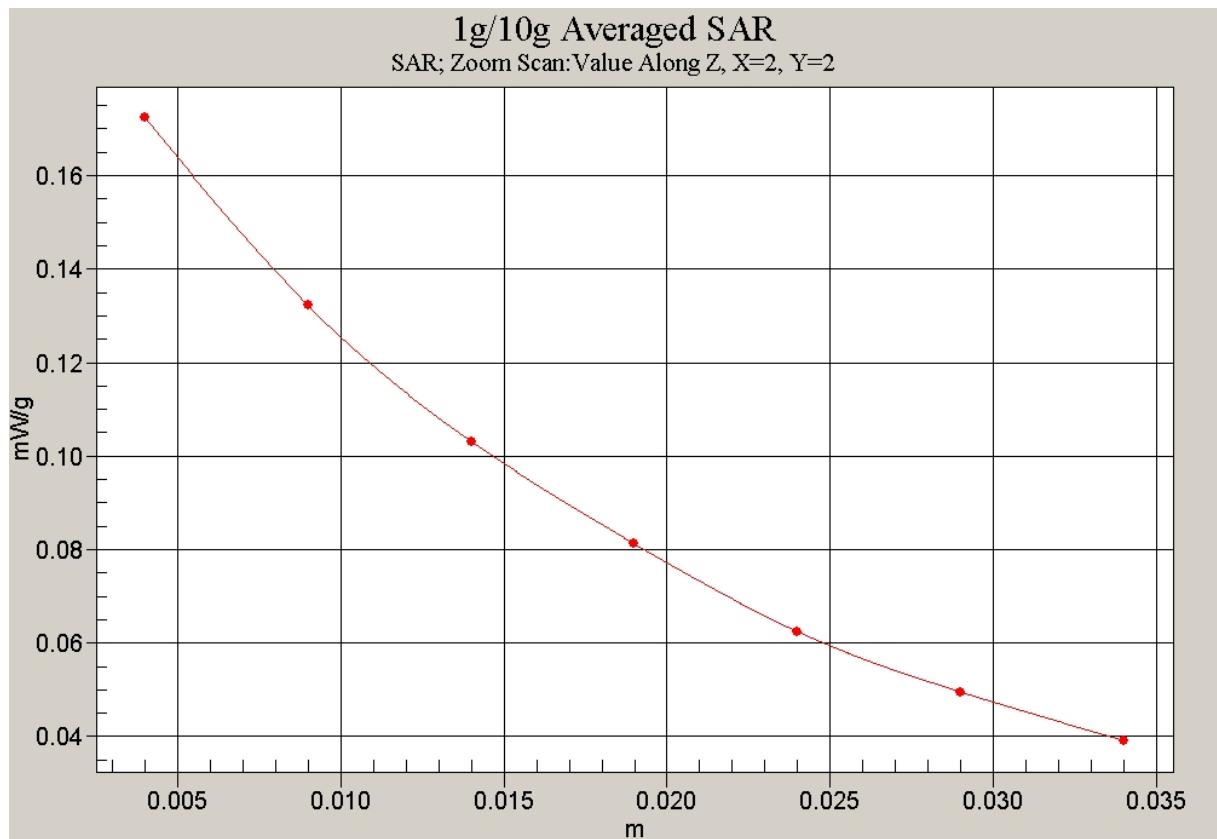


Fig. 20 Z-Scan at power reference point (850 MHz CH251)

850 Right Tilt Middle

Date/Time: 2008-9-12 14:39:51

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.889$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ 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(6.28, 6.28, 6.28)

Right Tilt Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.158 mW/g

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

Reference Value = 7.56 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.150 mW/g

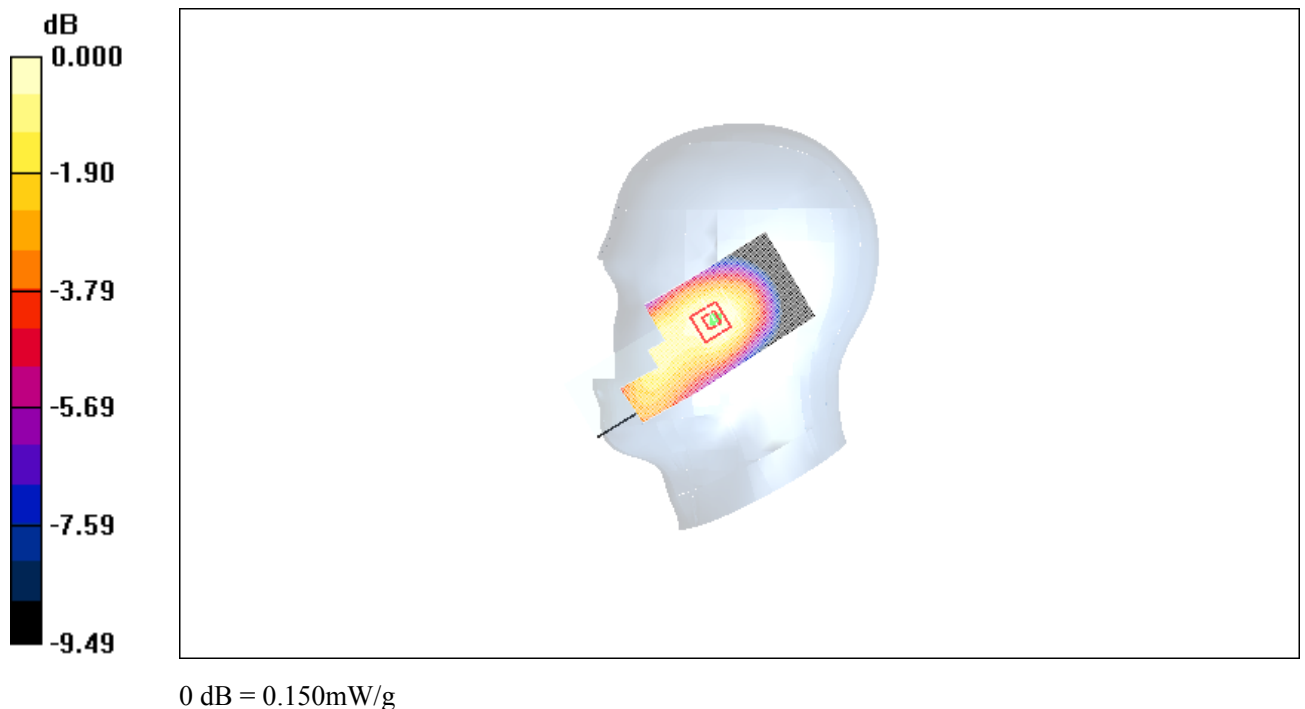


Fig.21 850 MHz CH190

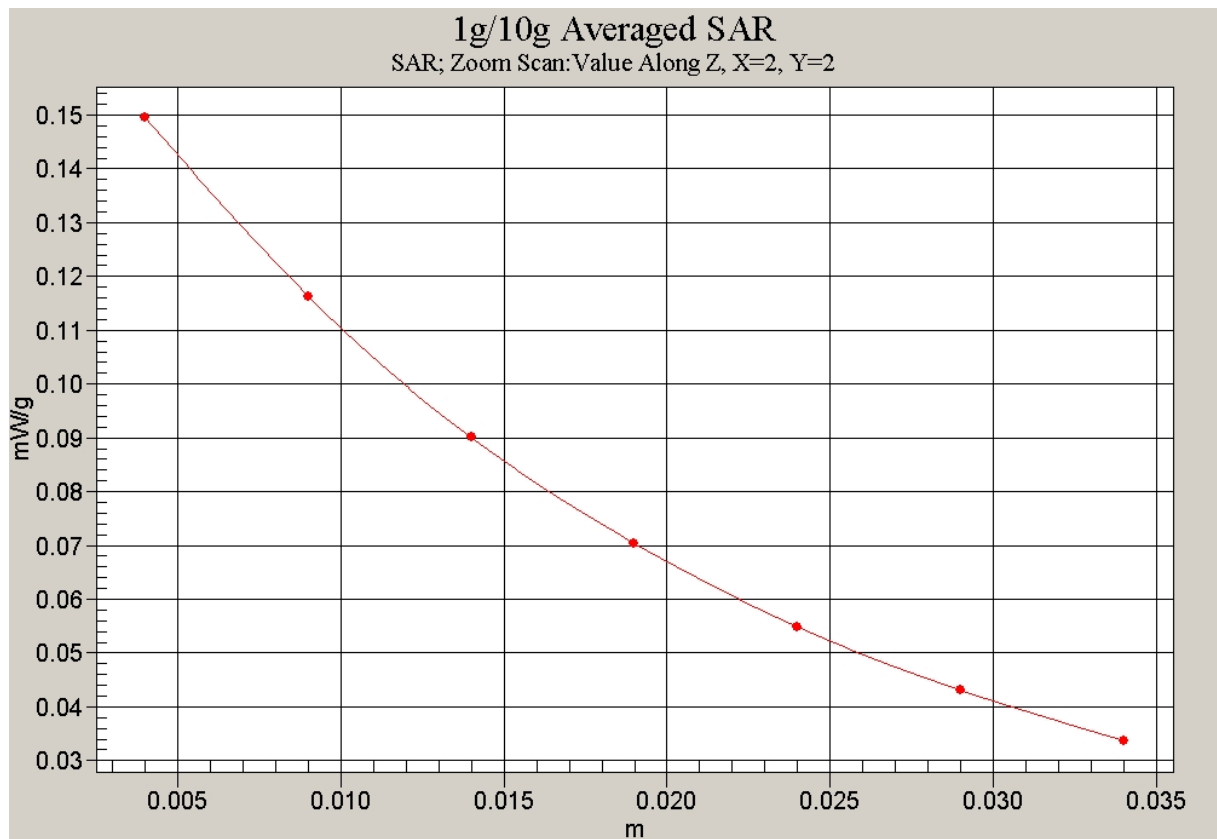


Fig. 22 Z-Scan at power reference point (850 MHz CH190)

850 Right Tilt Low

Date/Time: 2008-9-12 14:07:03

Electronics: DAE4 Sn771

Medium: Head GSM850

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.878 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$

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(6.28, 6.28, 6.28)

Right Tilt Low/Area Scan (51x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.103 mW/g

Right Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.91 V/m ; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.095 mW/g ; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.100 mW/g

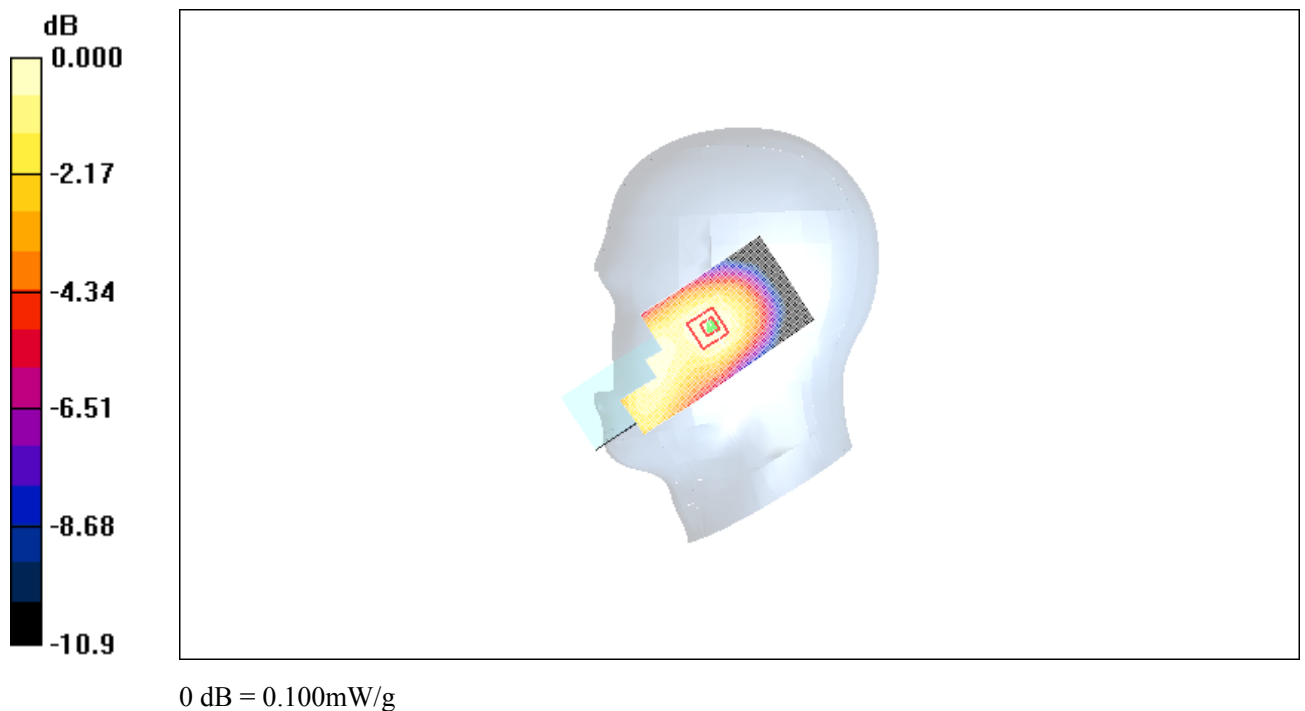


Fig. 23 850 MHz CH128

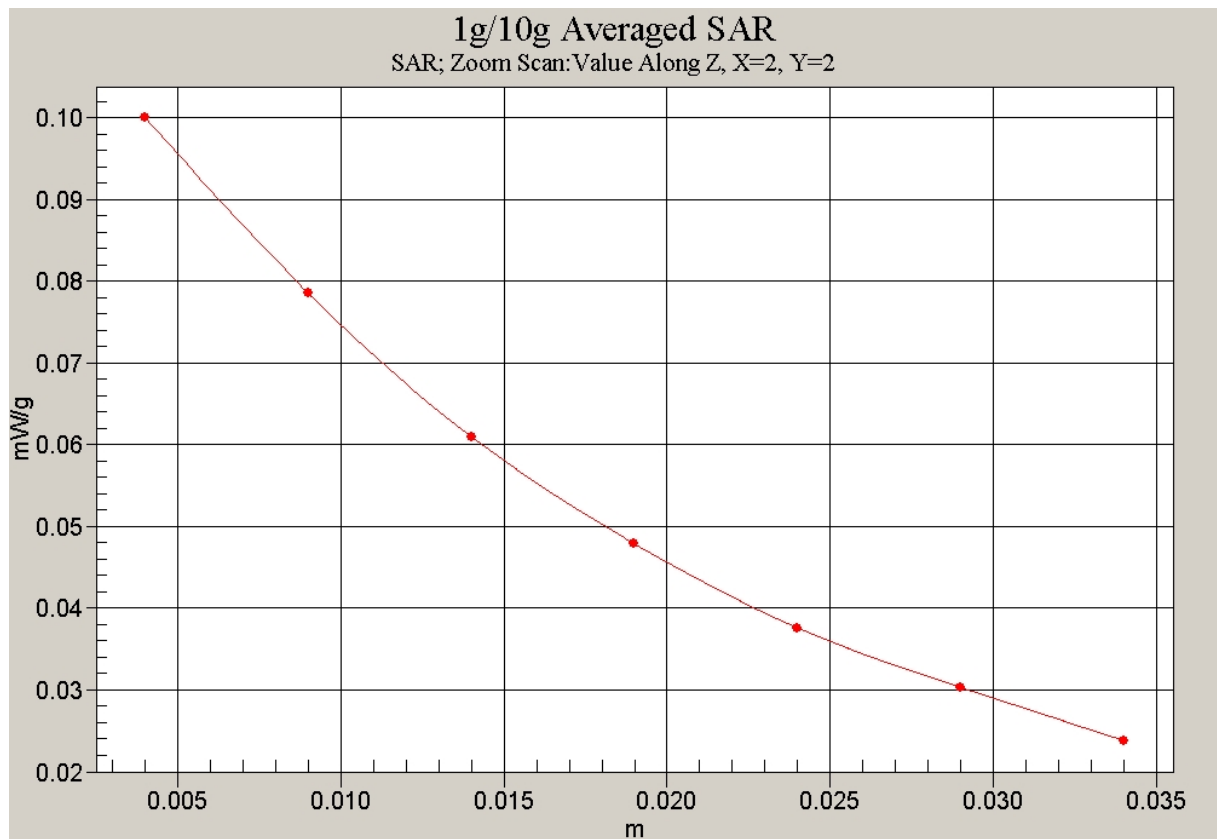


Fig. 24 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground High with GPRS

Date/Time: 2008-9-12 16:37:32

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 1.02$ 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(5.97, 5.97, 5.97)

Toward Ground High/Area Scan (51x131x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 1.14 mW/g

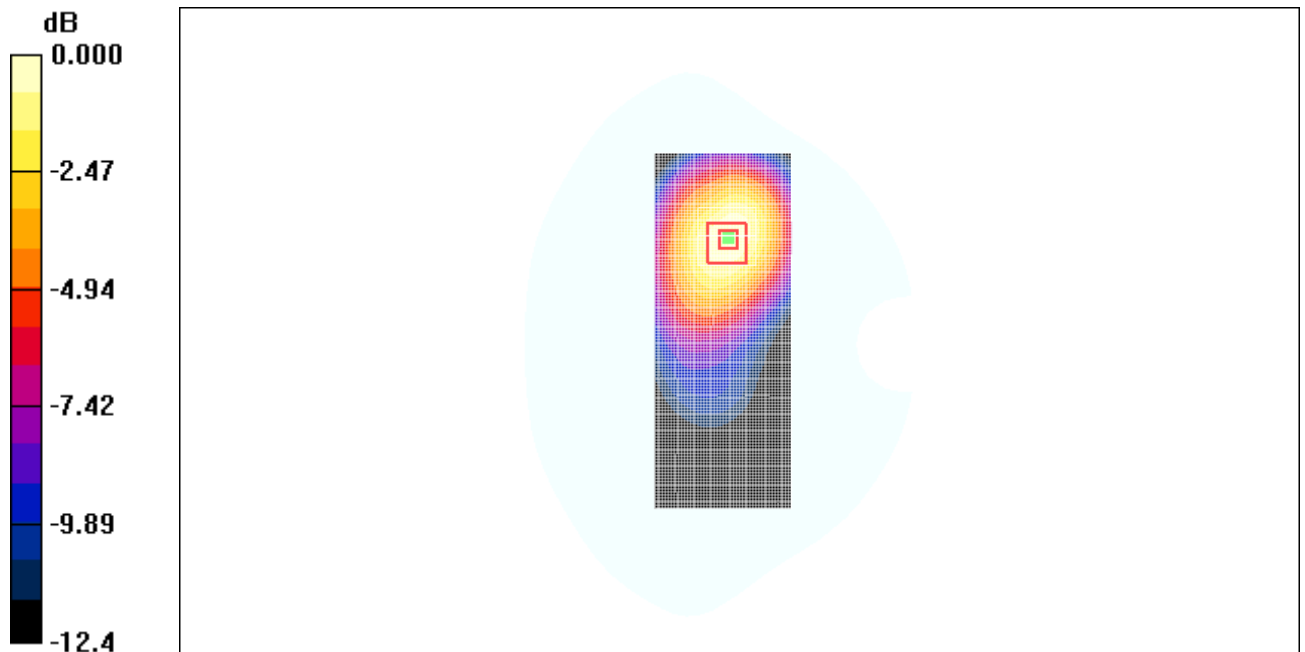
Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.4 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.697 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

Fig. 25 850 MHz CH251

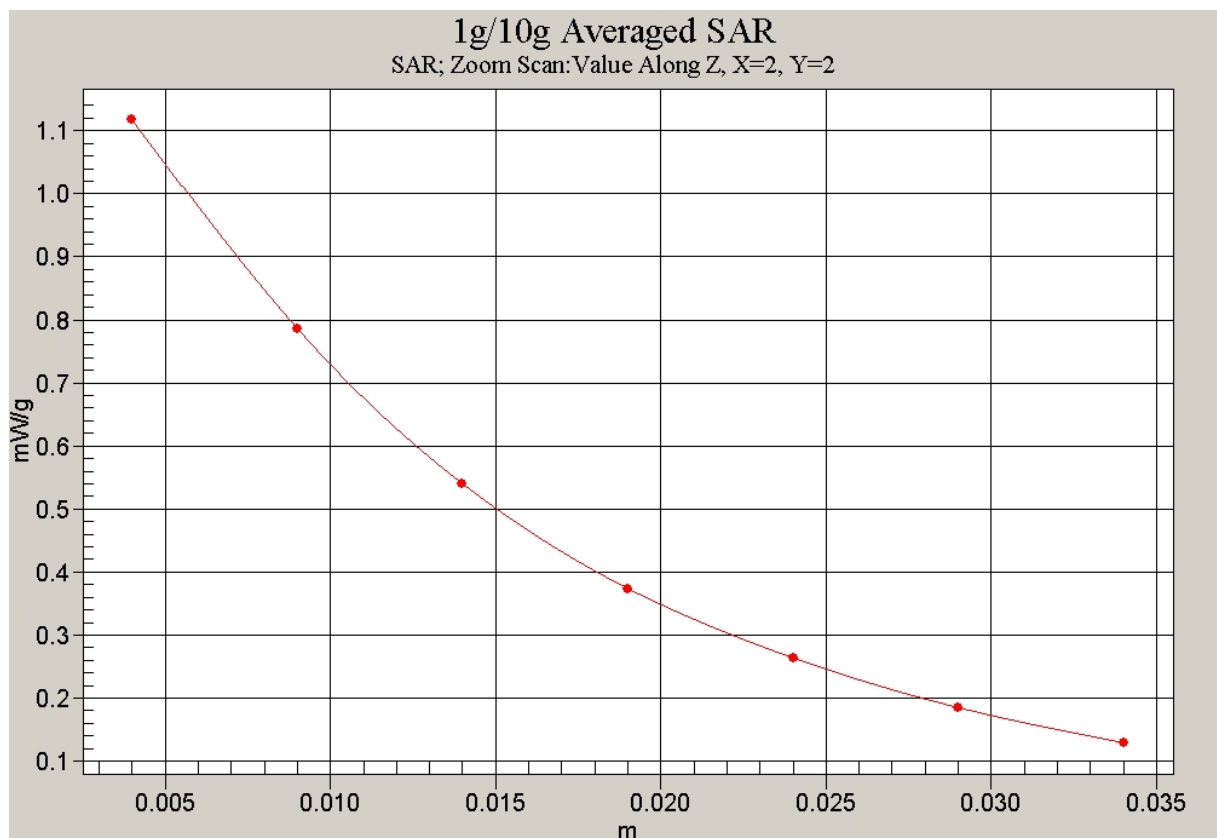


Fig. 26 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with GPRS

Date/Time: 2008-9-12 16:52:02

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ 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(5.97, 5.97, 5.97)

Toward Ground Middle/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 13.4 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.810 mW/g

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

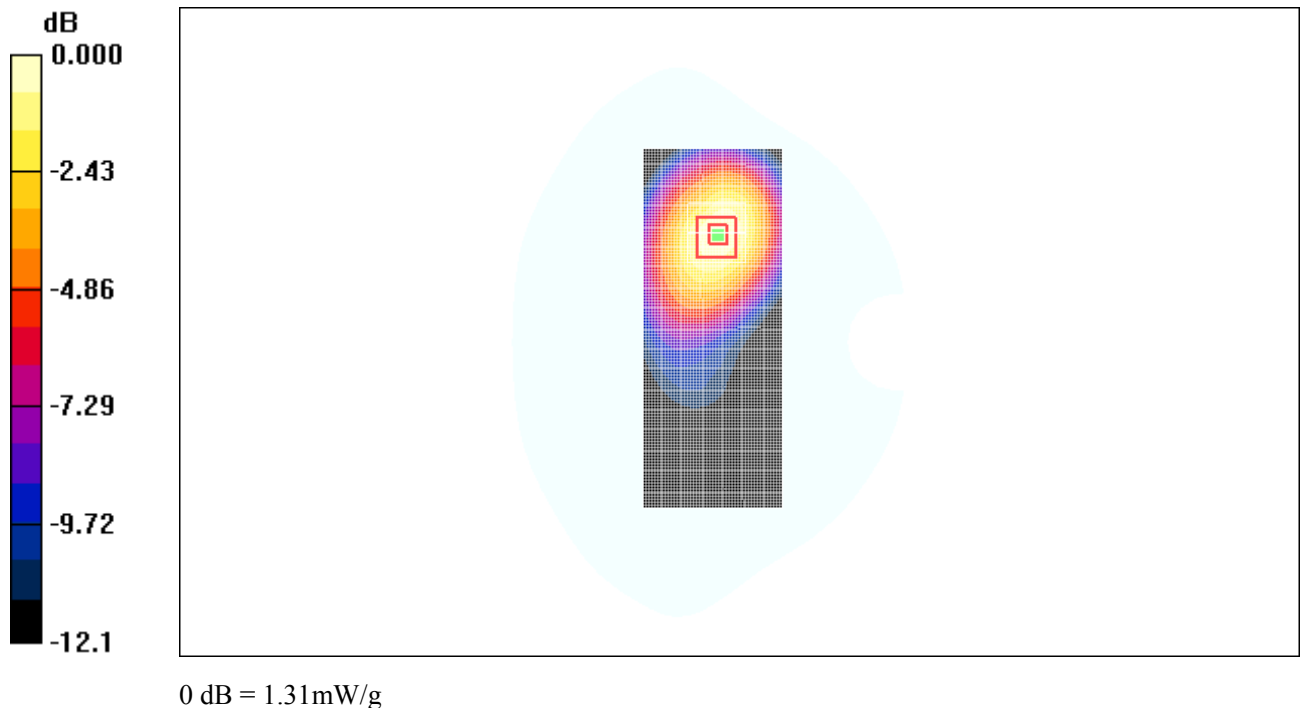


Fig. 27 850 MHz CH190

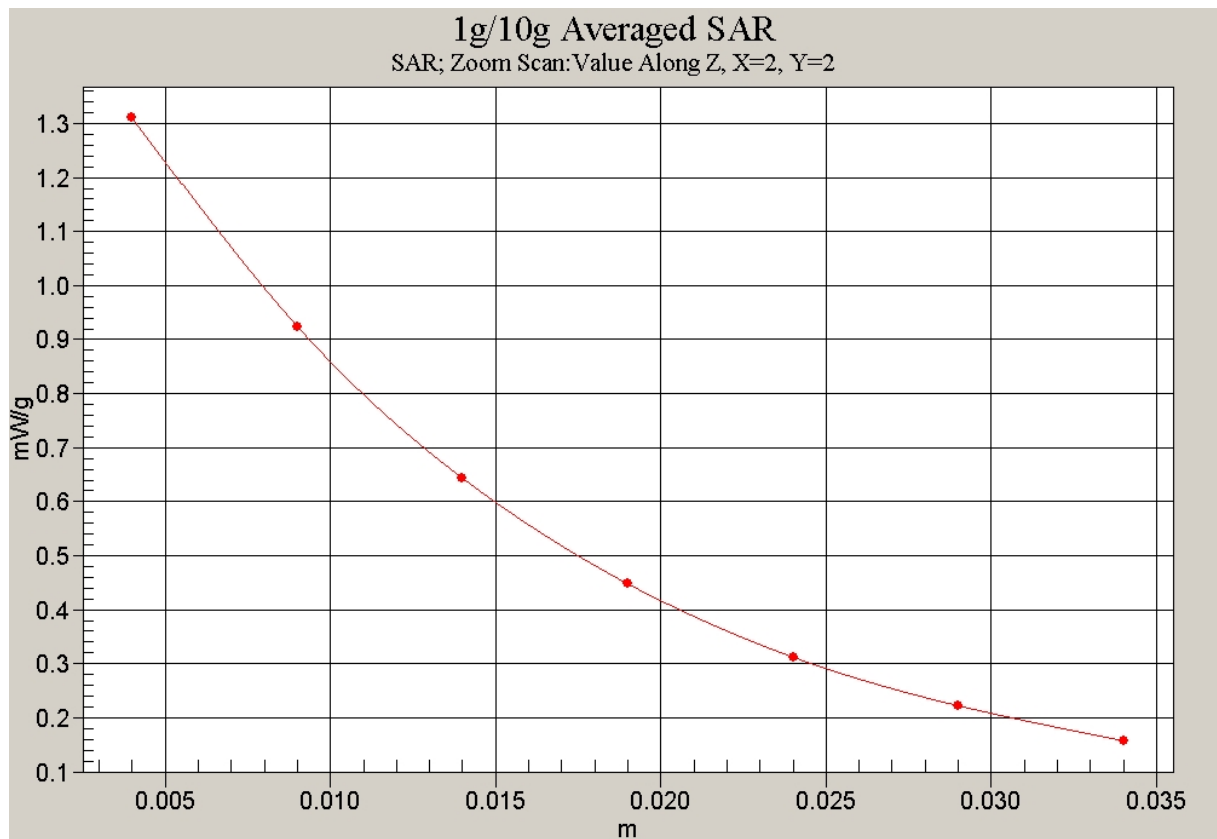


Fig. 28 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Low with GPRS

Date/Time: 2008-9-12 17:06:21

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used: $f = 825$ MHz; $\sigma = 0.993$ 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(5.97, 5.97, 5.97)

Toward Ground Low/Area Scan (51x131x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

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

Reference Value = 11.8 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.747 mW/g

Maximum value of SAR (measured) = 1.20 mW/g

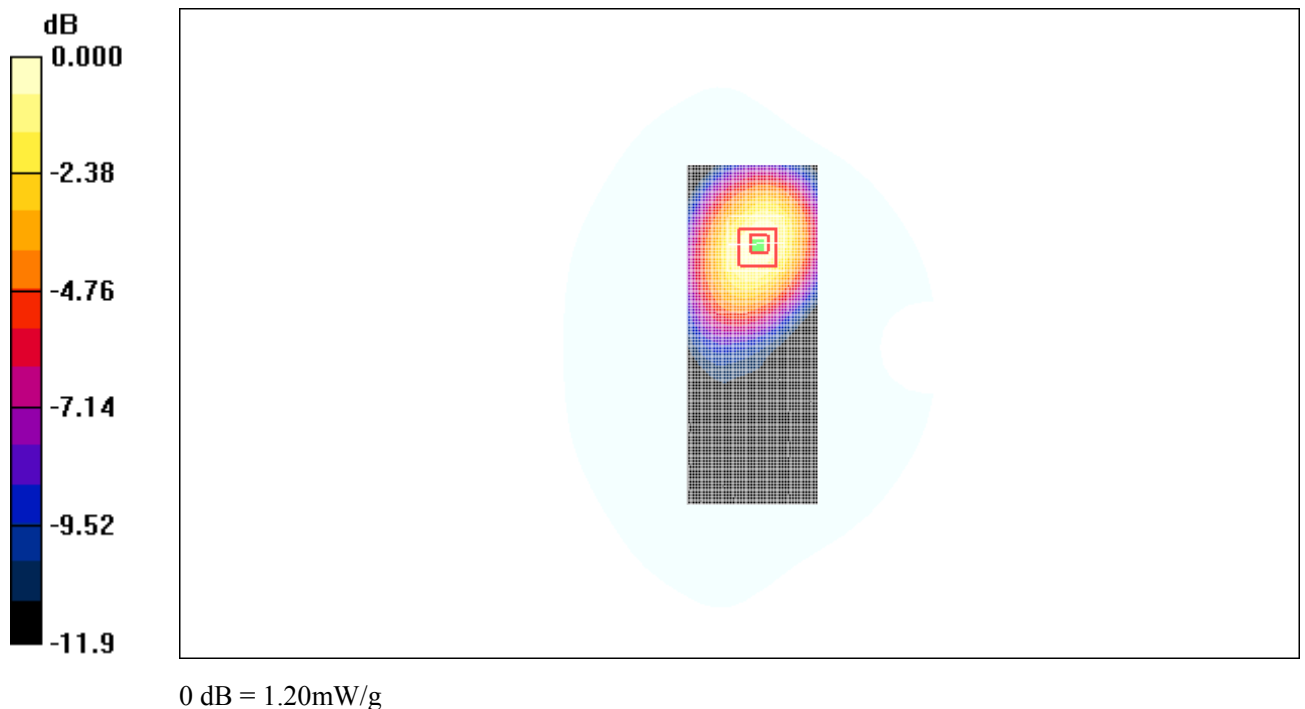


Fig. 29 850 MHz CH128

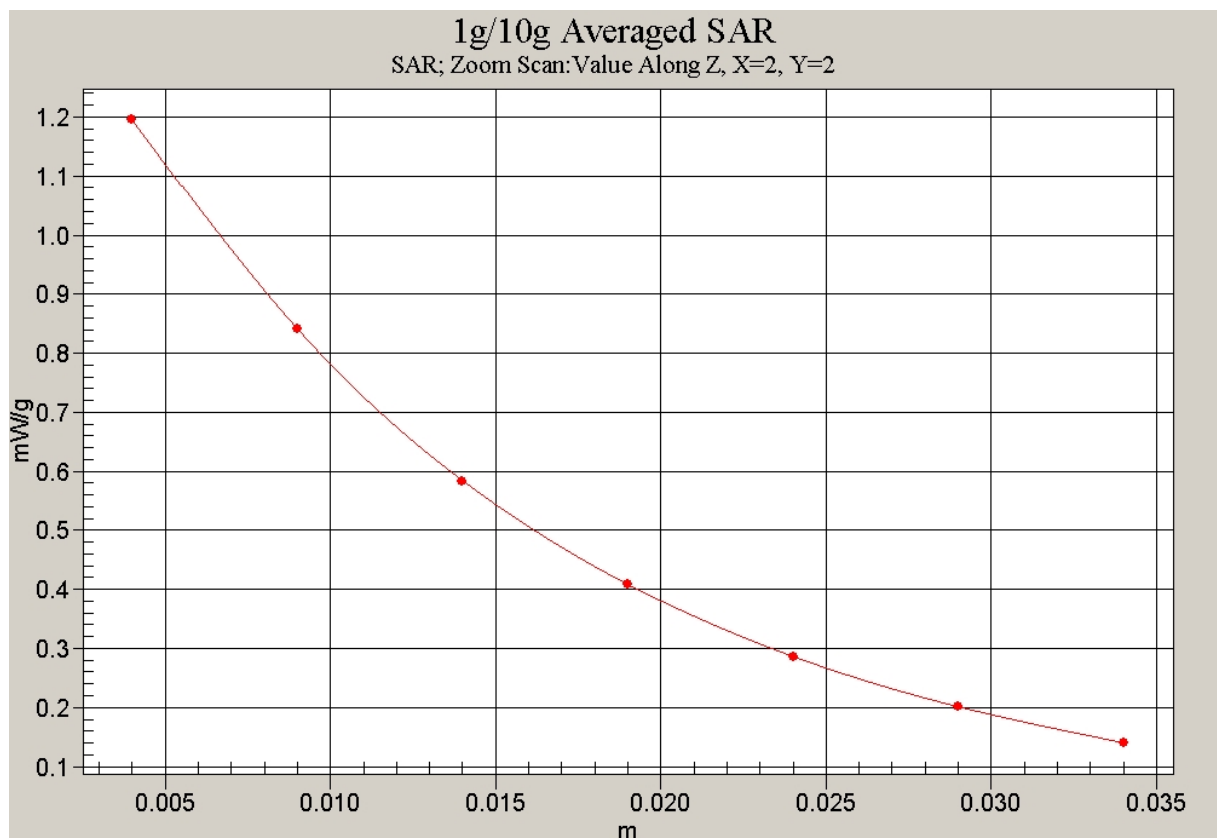


Fig. 30 Z-Scan at power reference point (850 MHz CH128)

850 Body Towards Ground Middle with Headset

Date/Time: 2008-9-10 18:11:00

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ 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: ES3DV3 - SN3149 ConvF(5.97, 5.97, 5.97)

Toward Ground Middle with Headset/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.490 mW/g

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

Reference Value = 6.75 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.481 mW/g

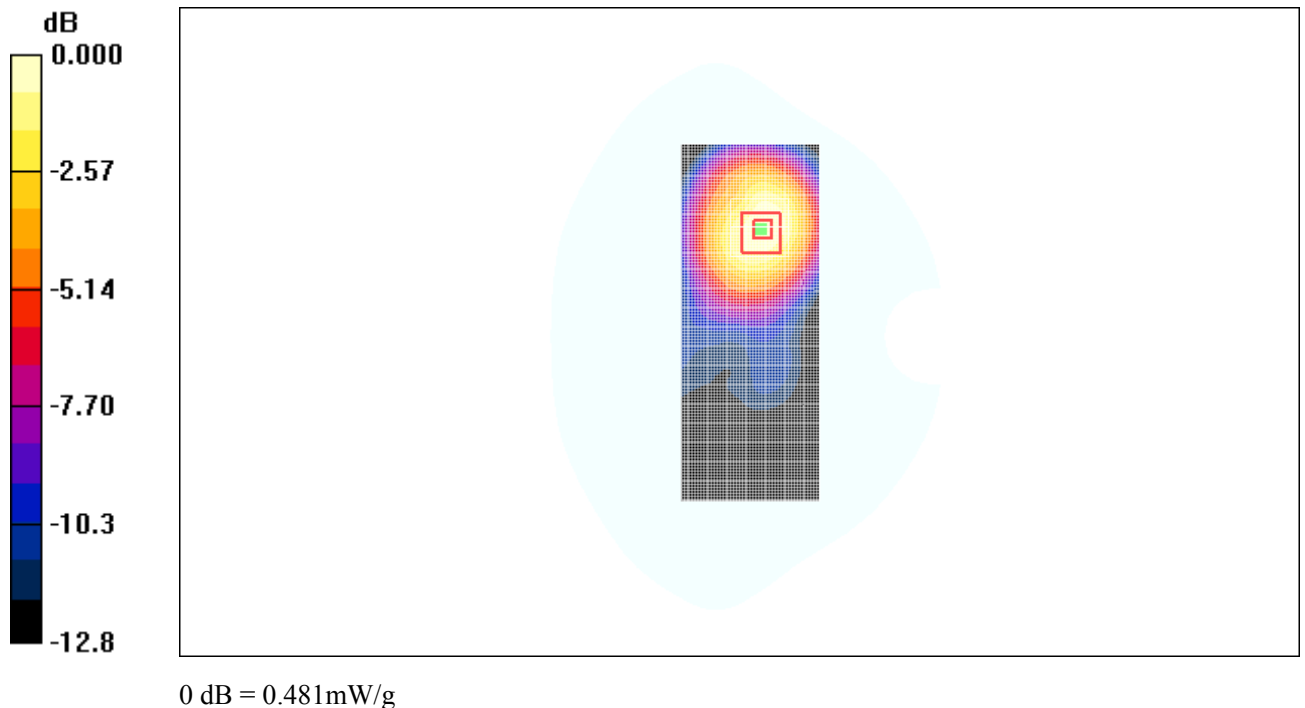


Fig. 31 850 MHz CH190

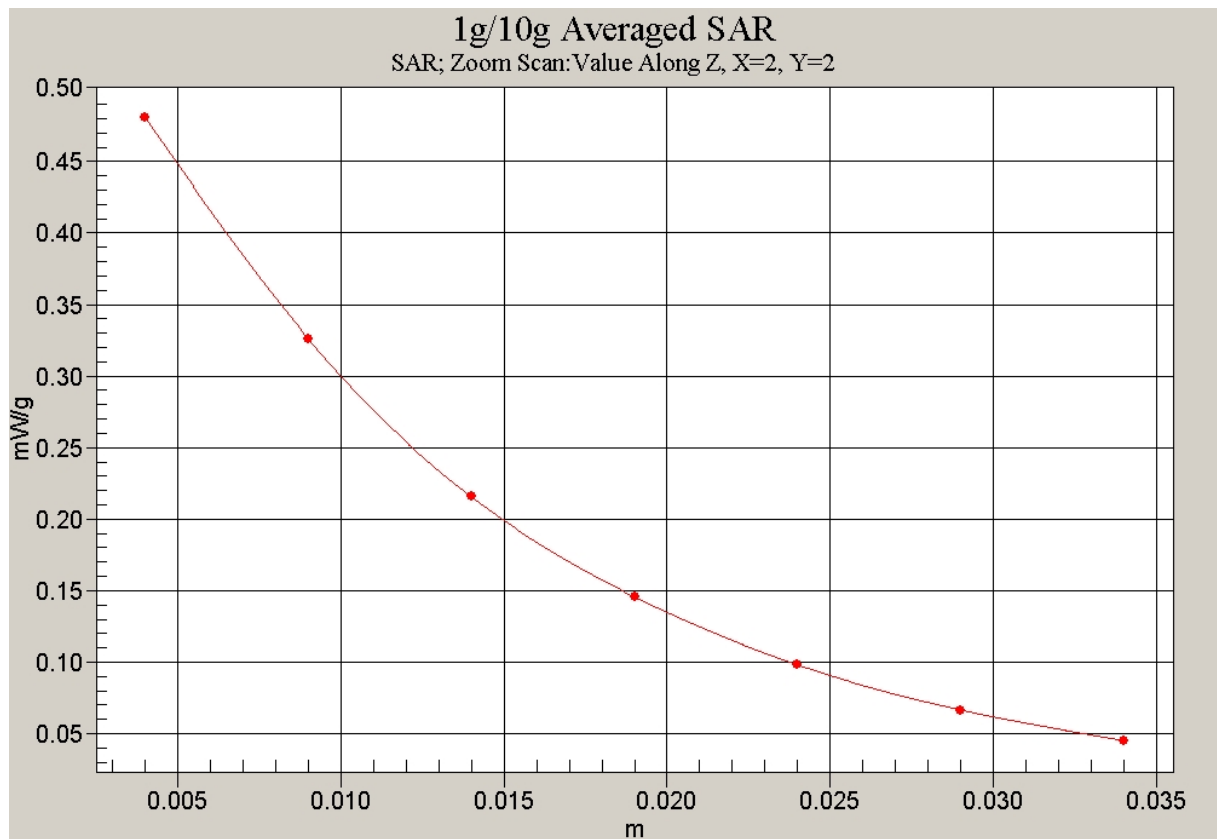


Fig. 32 Z-Scan at power reference point (850 MHz CH190)

850 Body Towards Ground Middle with Bluetooth

Date/Time: 2008-9-12 17:34:24

Electronics: DAE4 Sn771

Medium: 850 Body

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ 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: ES3DV3 - SN3149 ConvF(5.97, 5.97, 5.97)

Toward Ground Middle with Bluetooth/Area Scan (51x131x1): Measurement grid:

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

Maximum value of SAR (interpolated) = 0.818 mW/g

Toward Ground Middle with Bluetooth/Zoom Scan (7x7x7)/Cube 0:

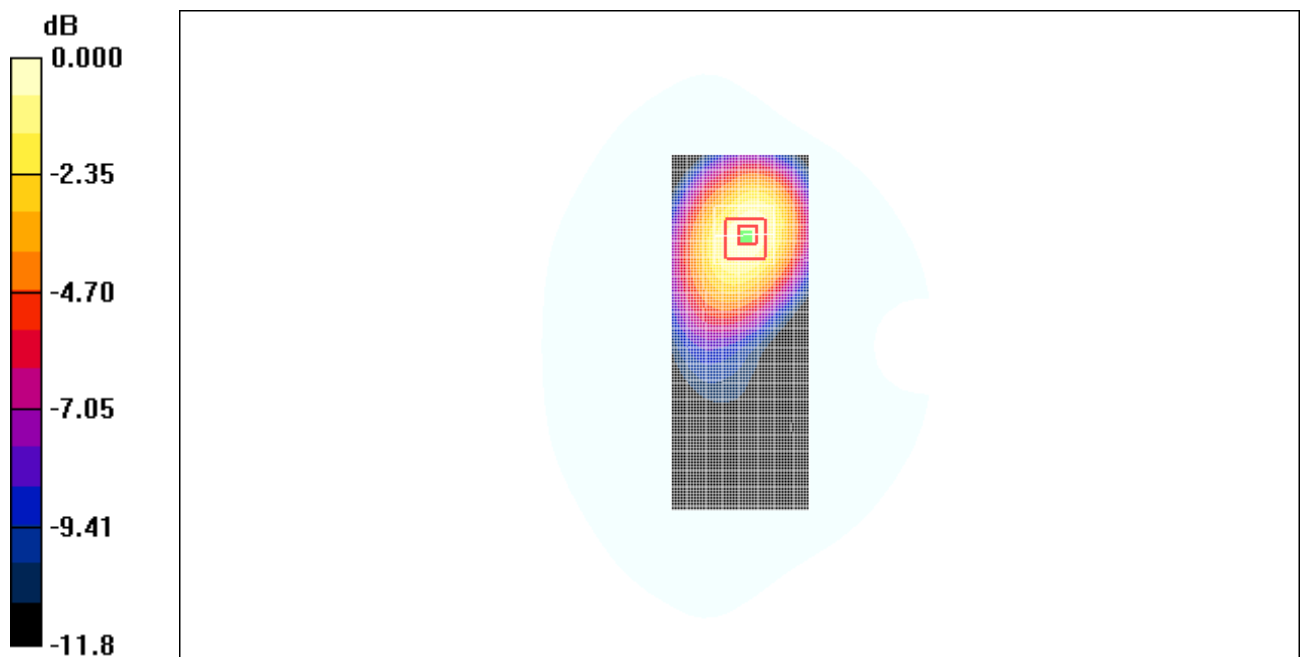
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.4 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.508 mW/g

Maximum value of SAR (measured) = 0.806 mW/g



0 dB = 0.806mW/g

Fig. 33 850 MHz CH190

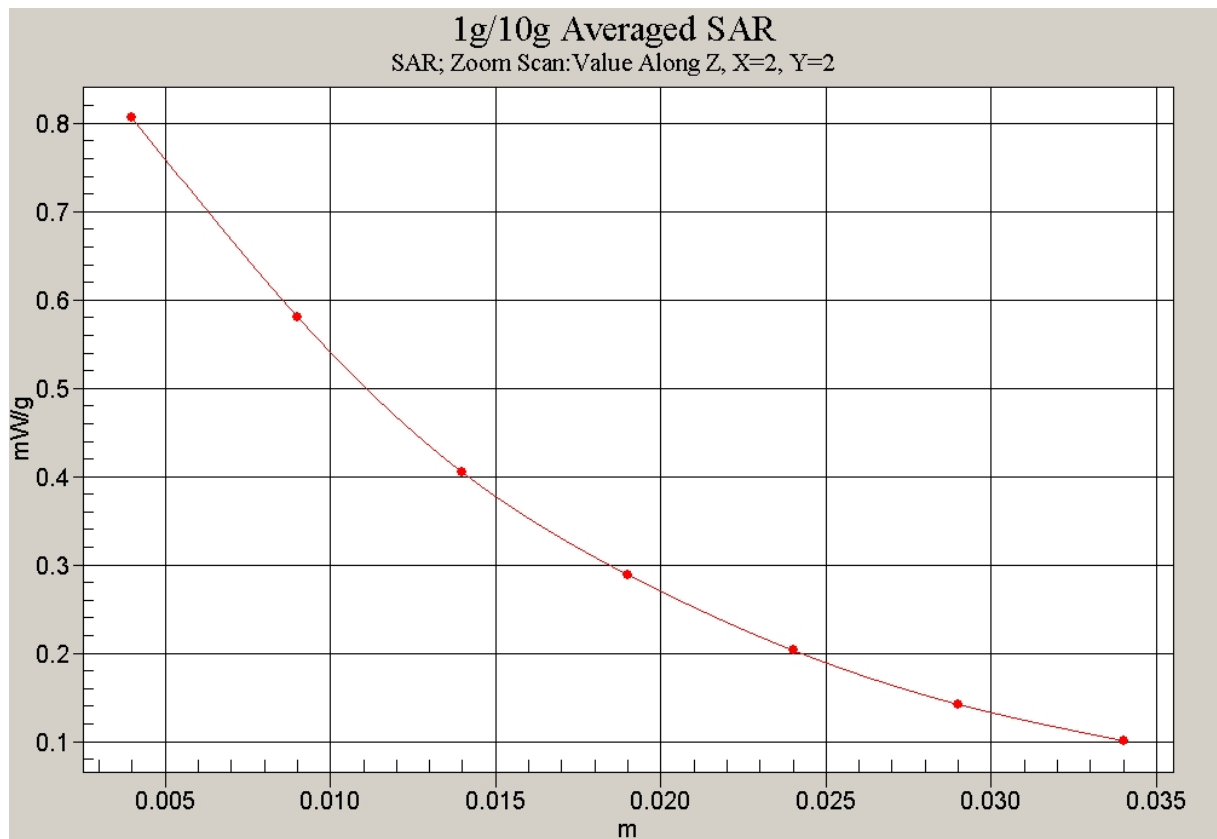


Fig. 34 Z-Scan at power reference point (850 MHz CH190)

1900 Left Cheek High

Date/Time: 2008-9-11 8:37:03

Electronics: DAE4 Sn771

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 new Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(5.08, 5.08, 5.08)

Cheek High/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 3.37 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.525 mW/g

Maximum value of SAR (measured) = 0.960 mW/g

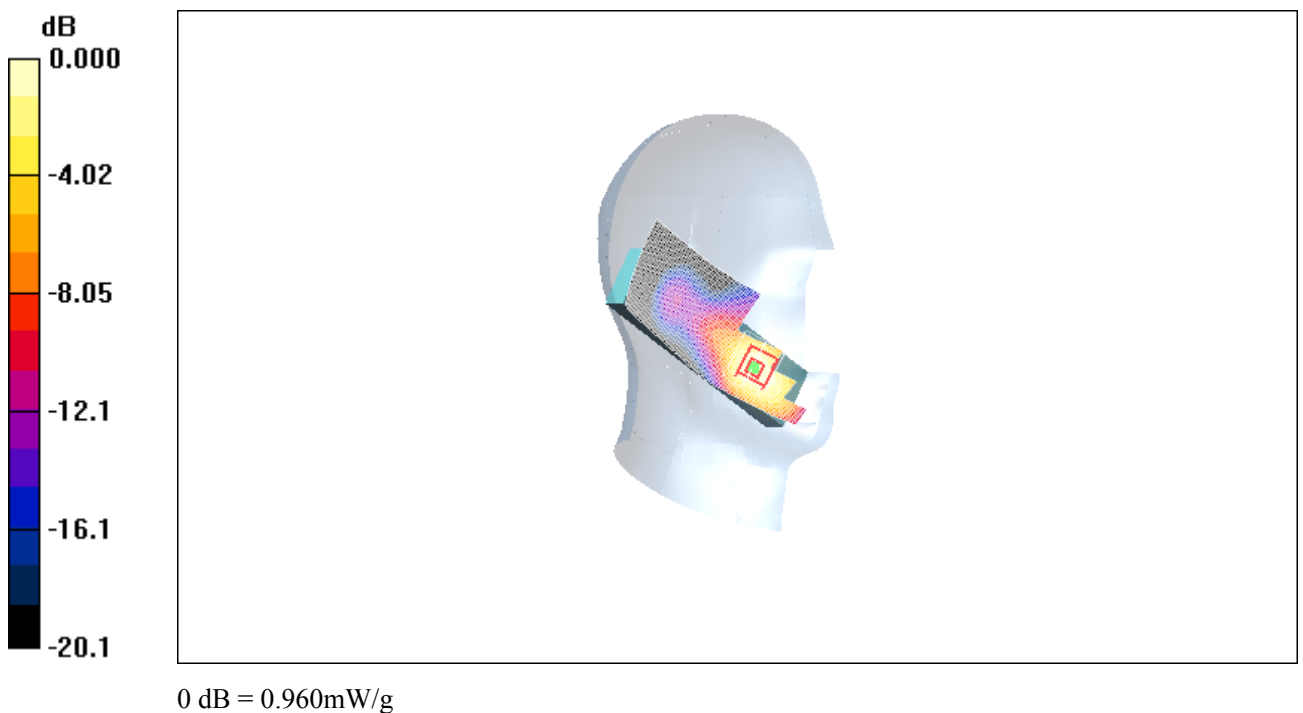


Fig. 35 1900 MHz CH810