

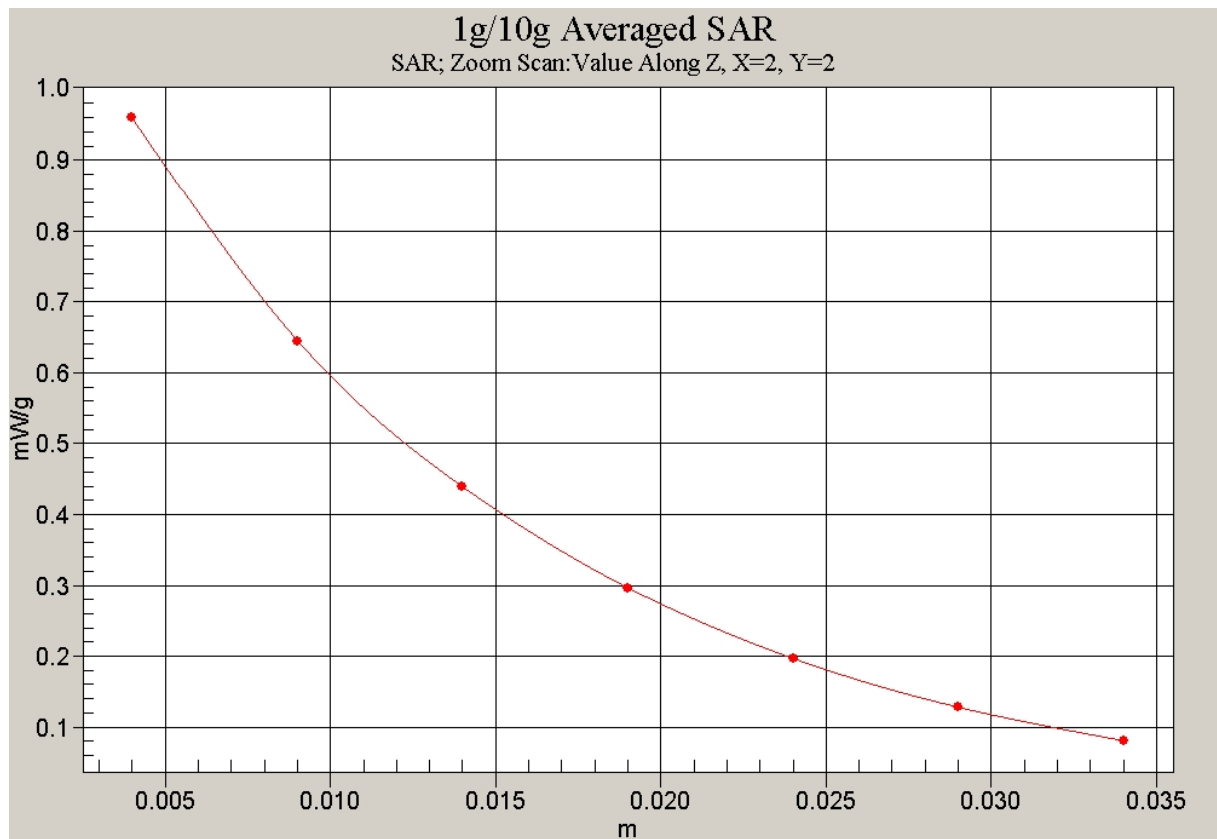


Fig. 36 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Cheek Middle

Date/Time: 2008-9-11 8:50:47

Electronics: DAE4 Sn771

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 new Frequency: 1880 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.968 mW/g

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

Reference Value = 3.72 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.503 mW/g

Maximum value of SAR (measured) = 0.894 mW/g

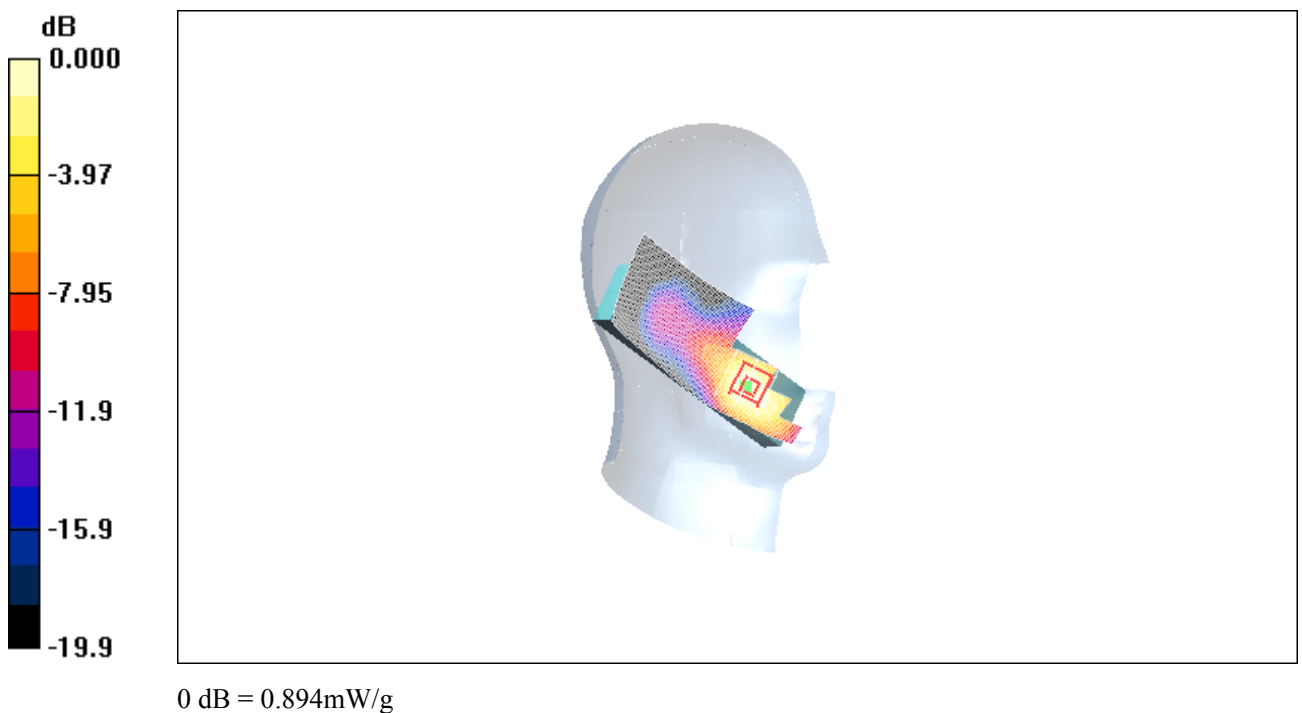


Fig. 37 1900 MHz CH661

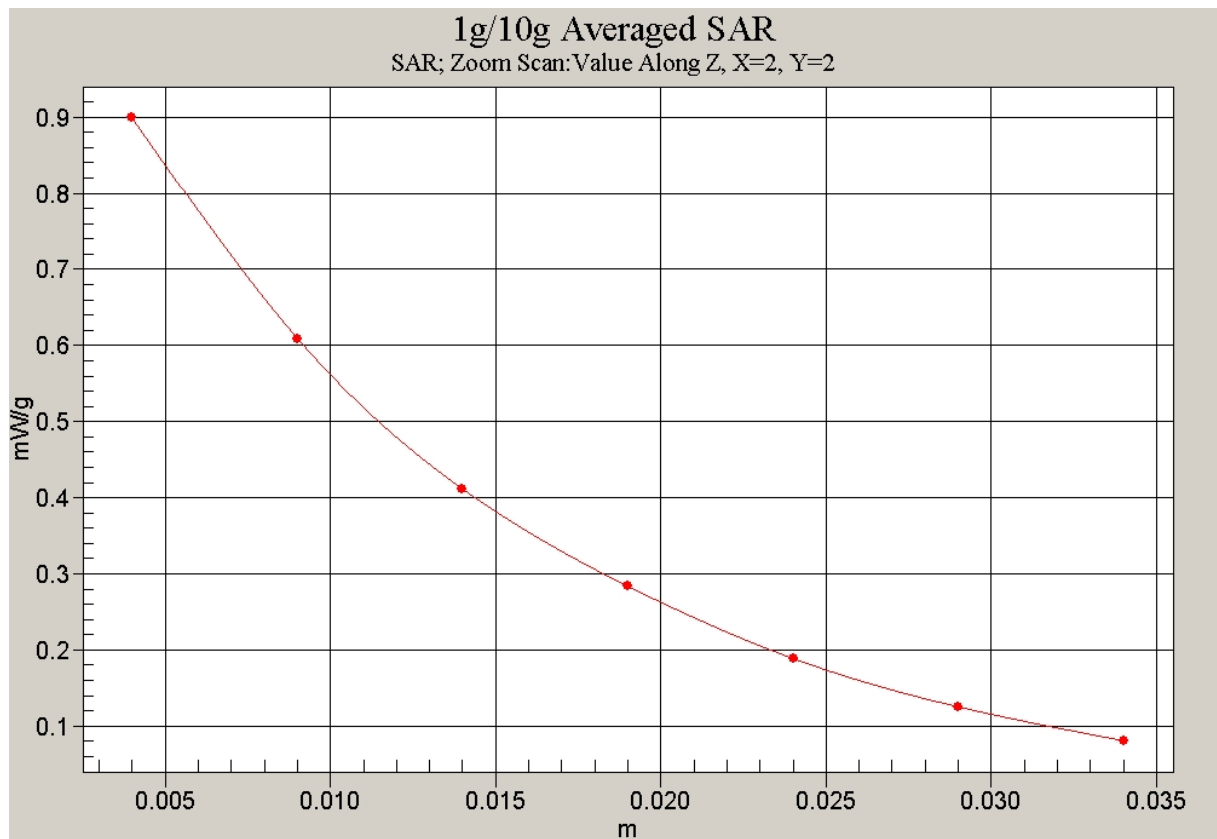


Fig. 38 Z-Scan at power reference point (1900 MHz CH661)

1900 Left Cheek Low

Date/Time: 2008-9-11 9:08:21

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.982 mW/g

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

Reference Value = 3.94 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.514 mW/g

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

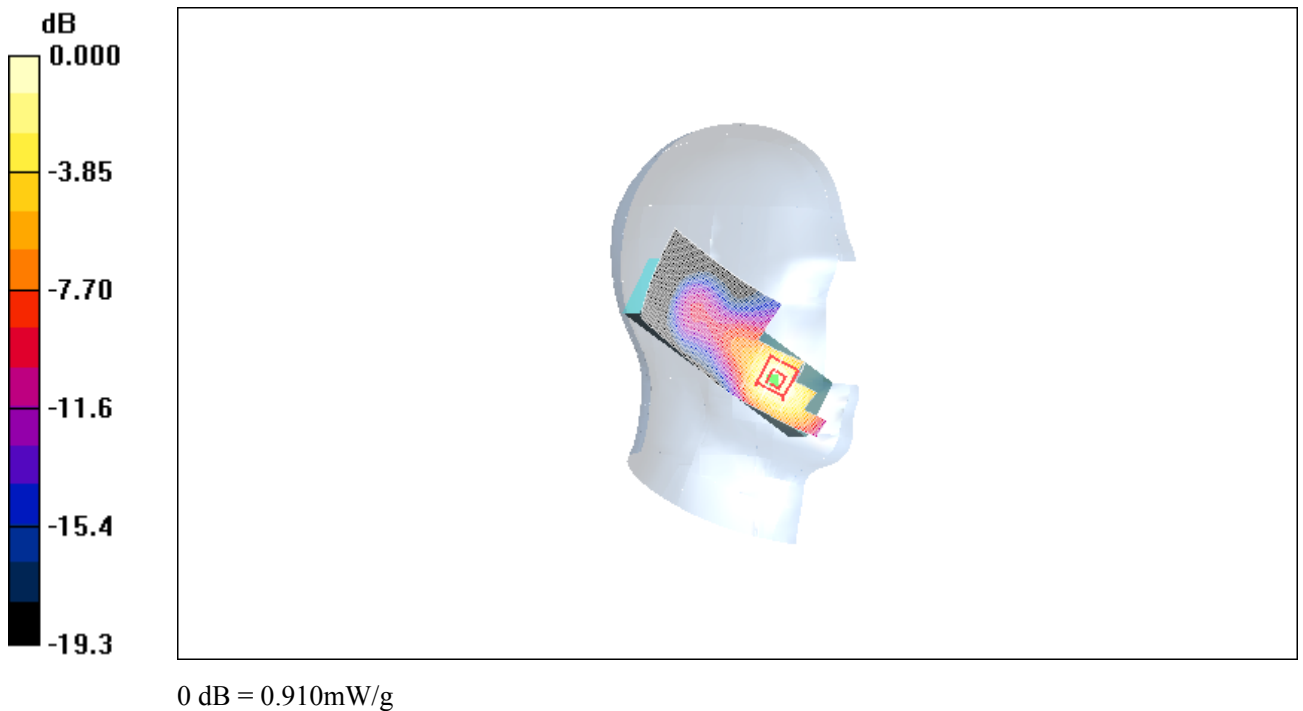


Fig. 39 1900 MHz CH512

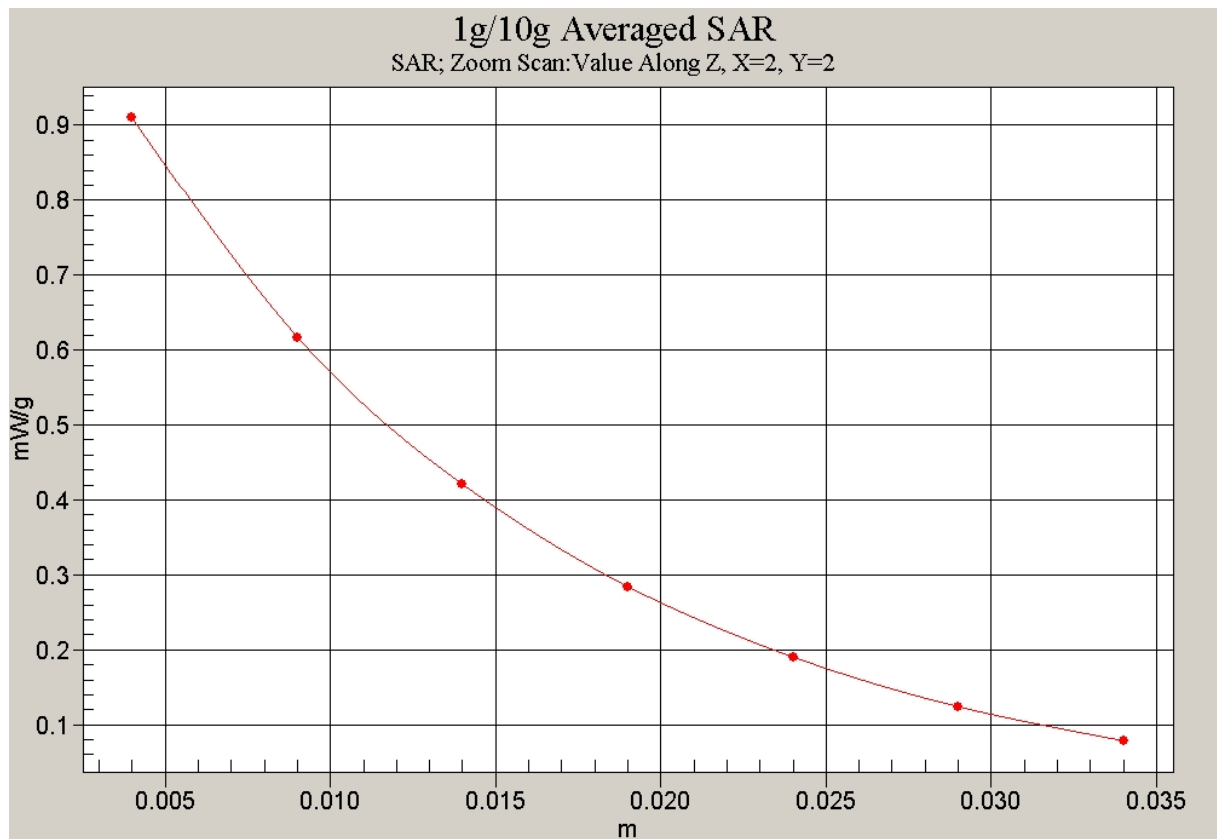


Fig. 40 Z-Scan at power reference point (1900 MHz CH512)

1900 Left Tilt High

Date/Time: 2008-9-11 9:23:56

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)

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

Maximum value of SAR (interpolated) = 0.286 mW/g

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

Reference Value = 9.07 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.232 mW/g

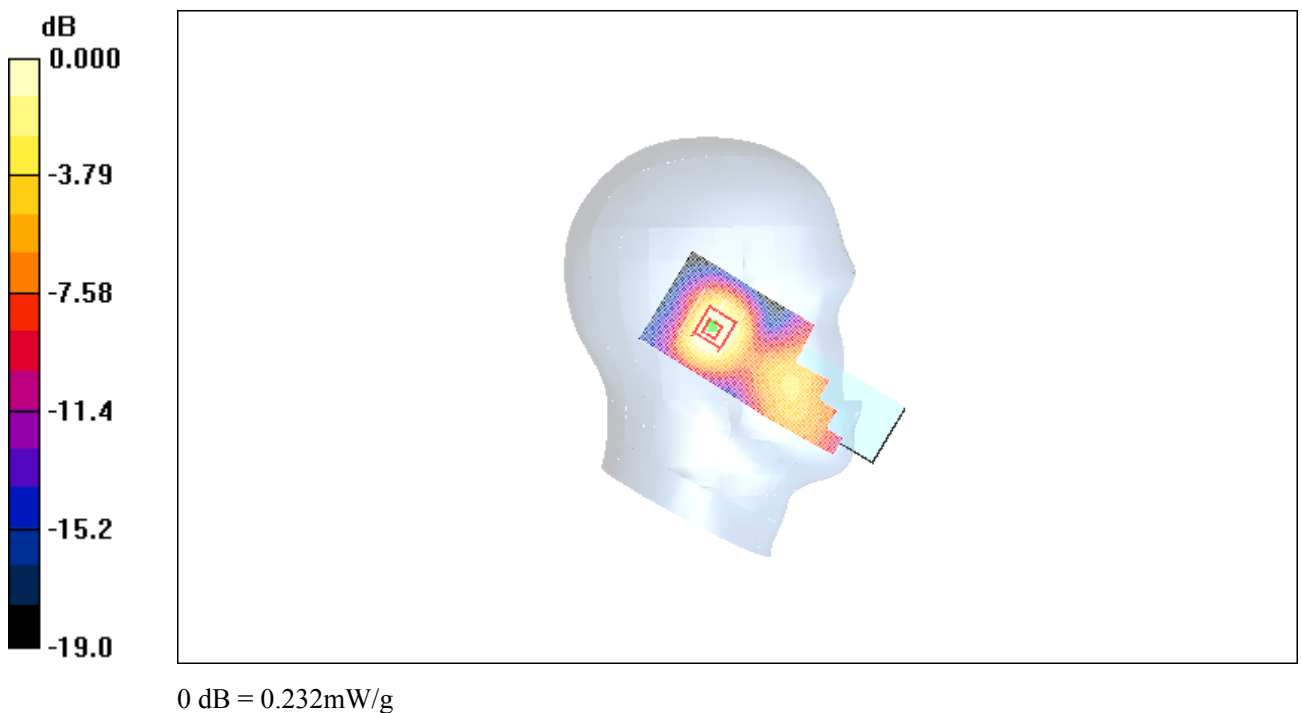


Fig.41 1900 MHz CH810

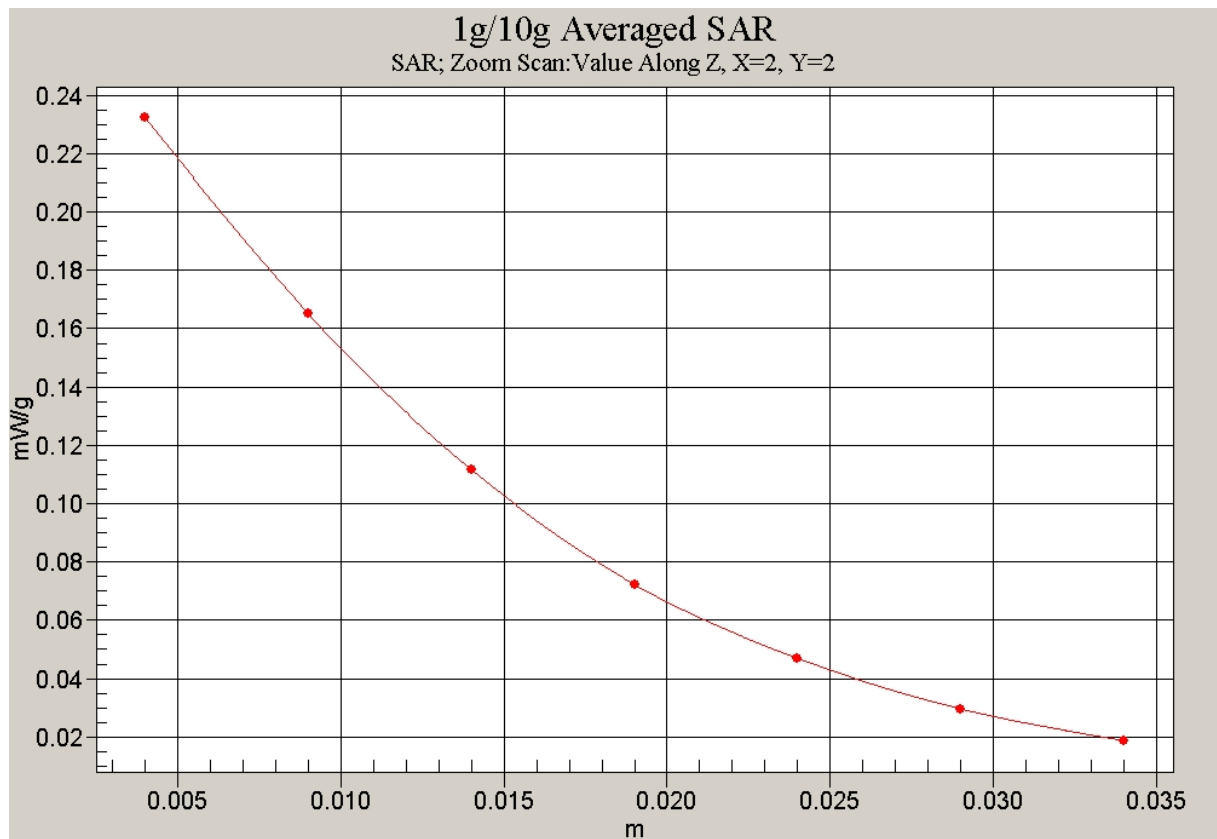


Fig. 42 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Tilt Middle

Date/Time: 2008-9-11 9:38:09

Electronics: DAE4 Sn771

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 new Frequency: 1880 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.300 mW/g

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

Reference Value = 9.53 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.247 mW/g

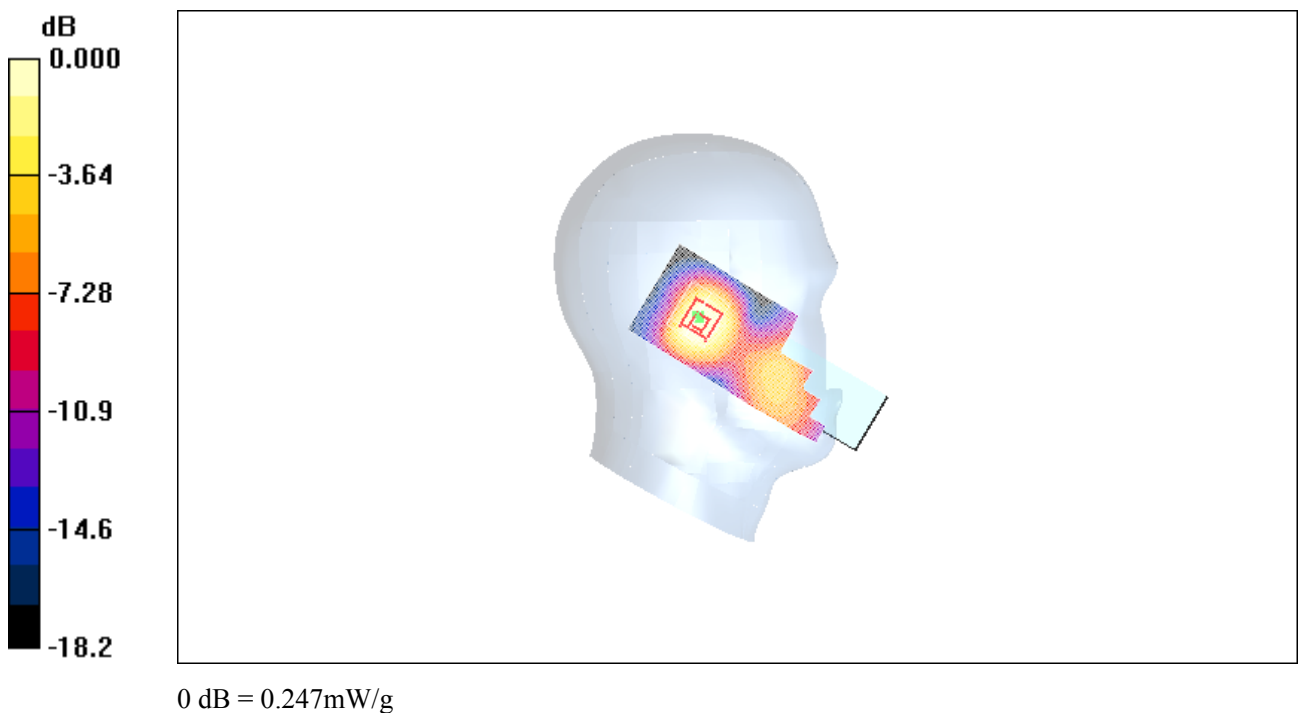


Fig. 43 1900 MHz CH661

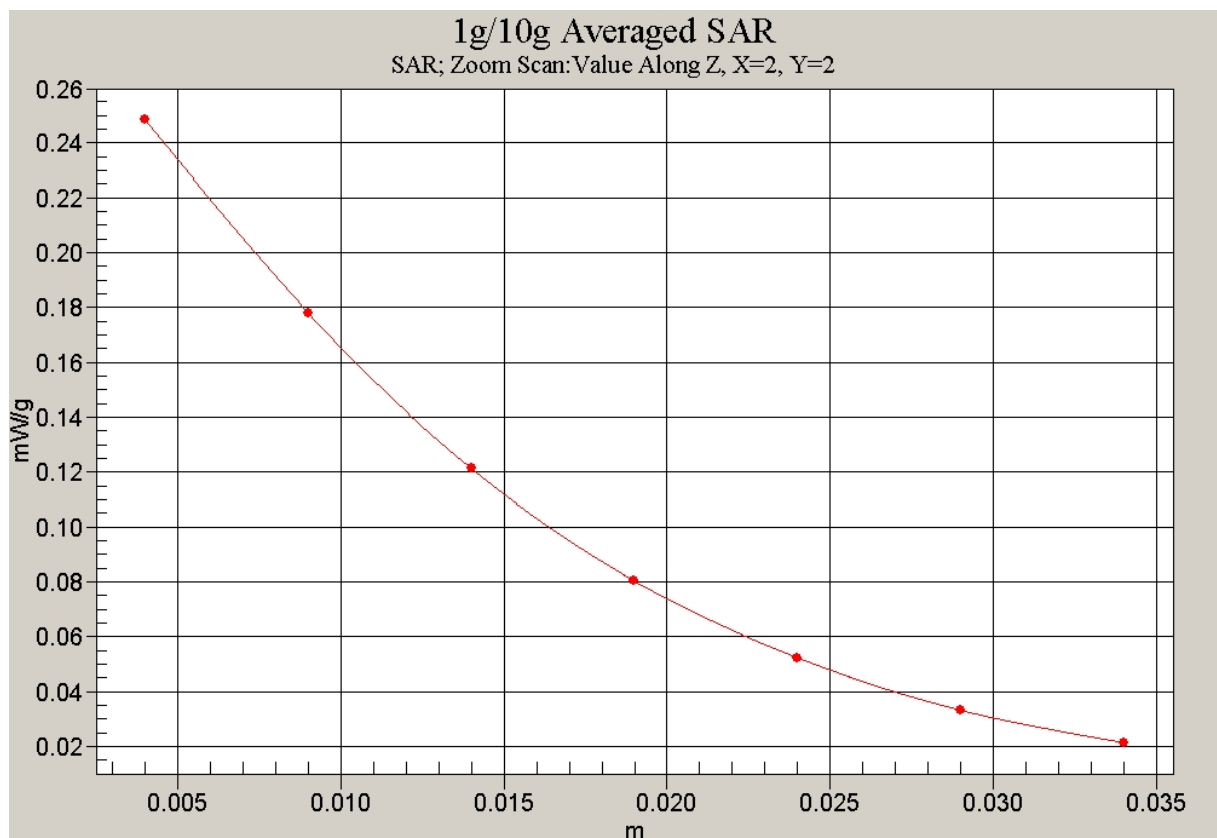


Fig. 44 Z-Scan at power reference point (1900 MHz CH661)

1900 Left Tilt Low

Date/Time: 2008-9-11 9:53:45

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.312 mW/g

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

Reference Value = 9.66 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.263 mW/g

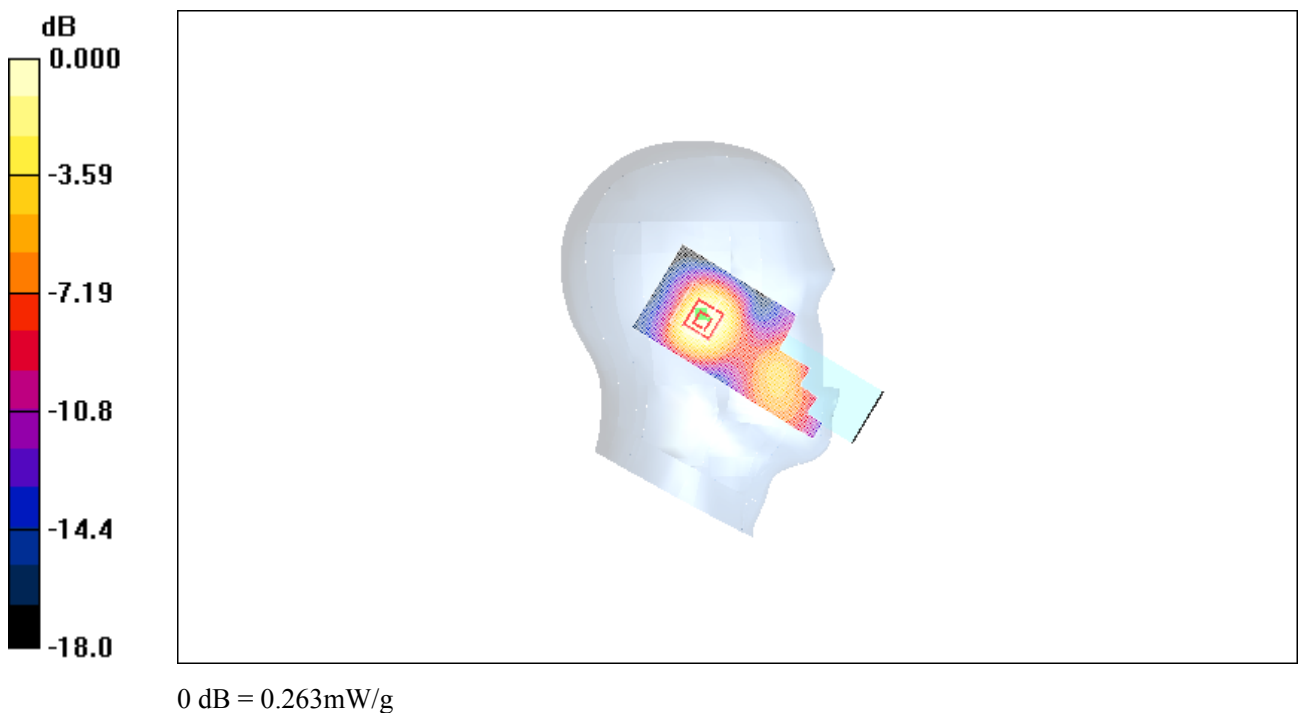


Fig. 45 1900 MHz CH512

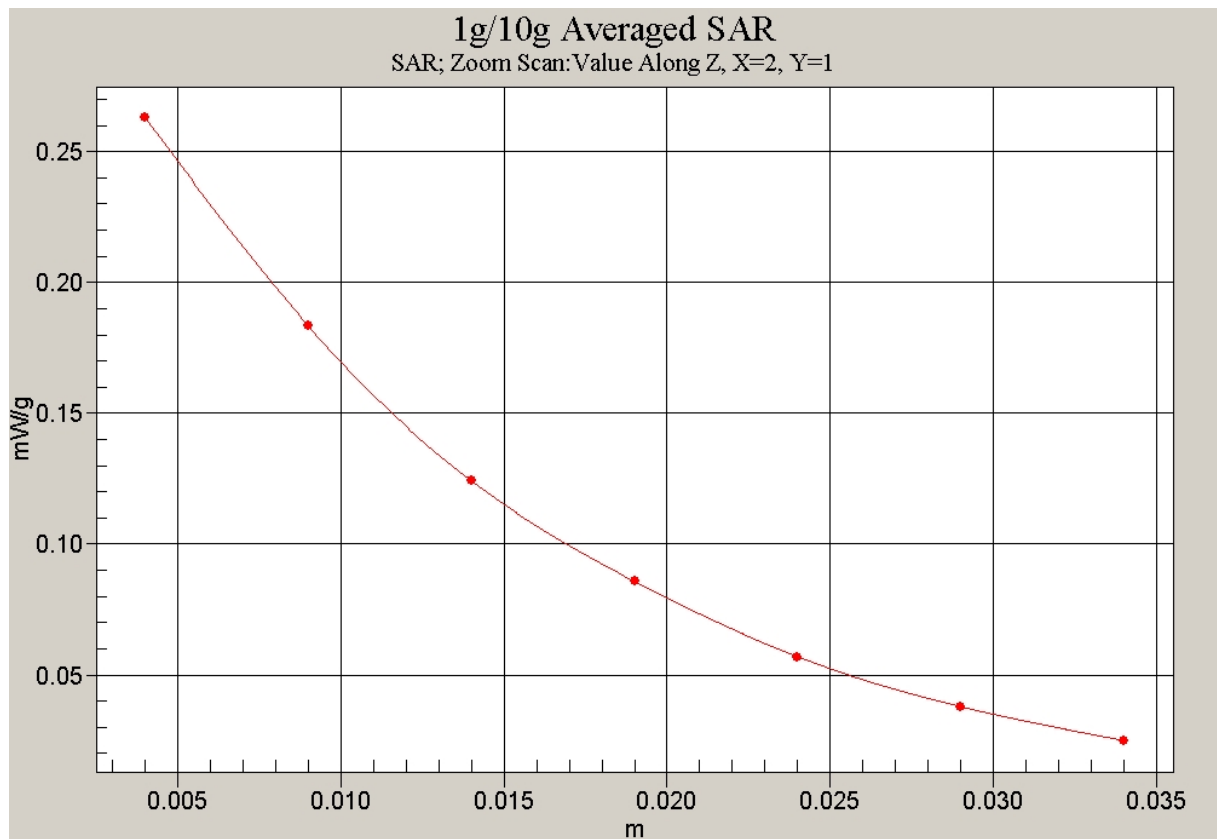


Fig. 46 Z-Scan at power reference point (1900 MHz CH512)

1900 Right Cheek High

Date/Time: 2008-9-11 10:14:20

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) = 0.643 mW/g

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

Reference Value = 4.59 V/m; Power Drift = -0.200 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.601 mW/g

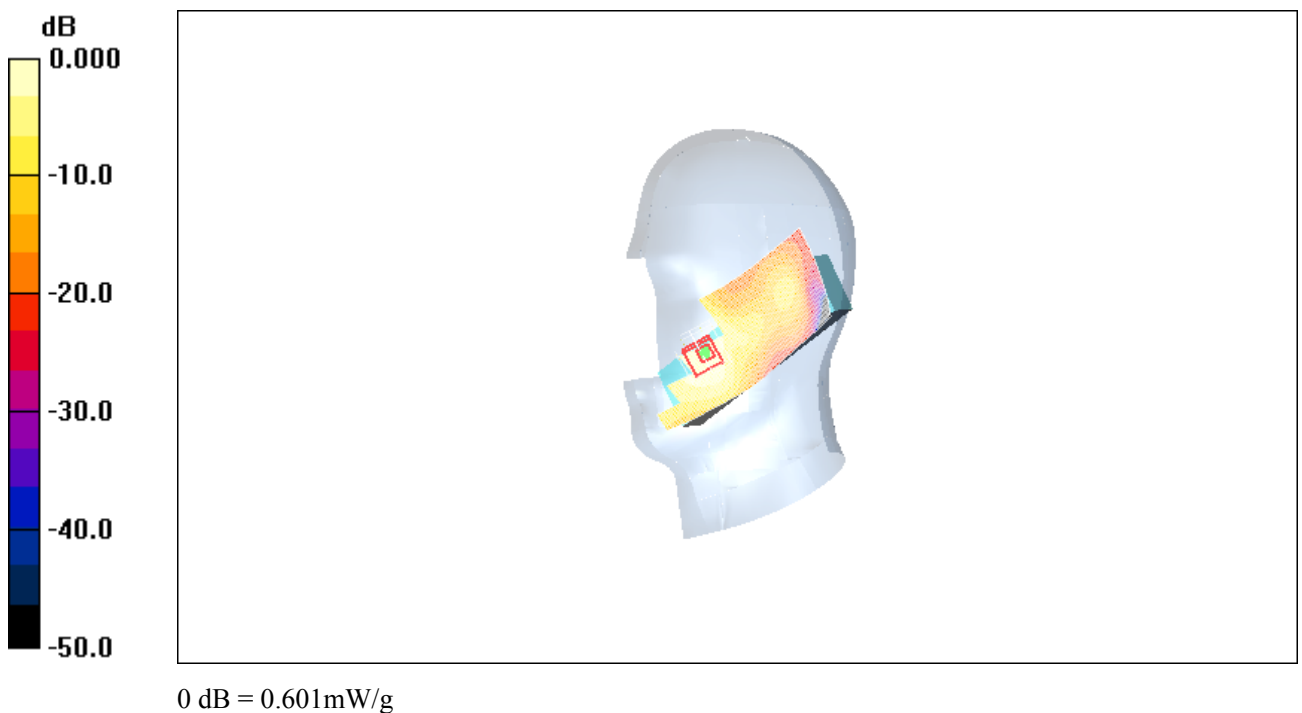


Fig. 47 1900 MHz CH810

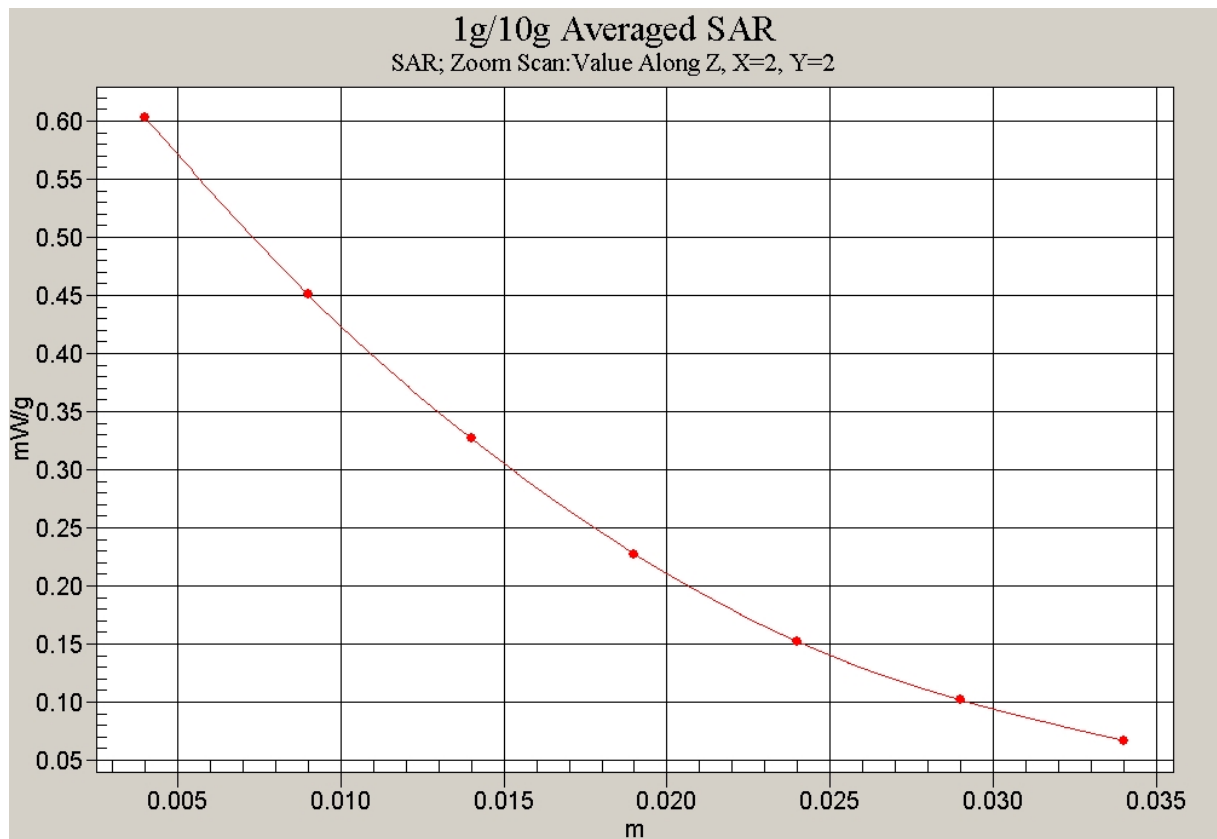


Fig. 48 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Cheek Middle

Date/Time: 2008-9-11 10:29:58

Electronics: DAE4 Sn771

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 new Frequency: 1880 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.608 mW/g

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

Reference Value = 4.49 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.574 mW/g

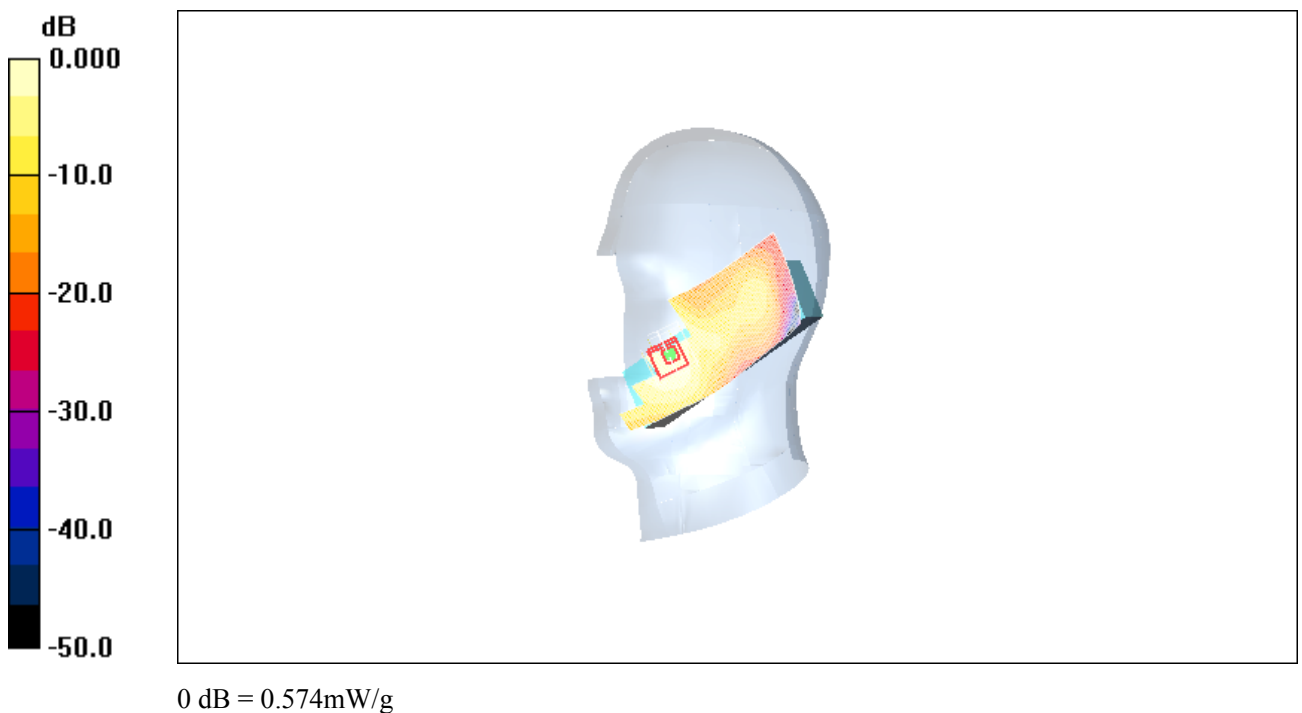


Fig. 49 1900 MHz CH661

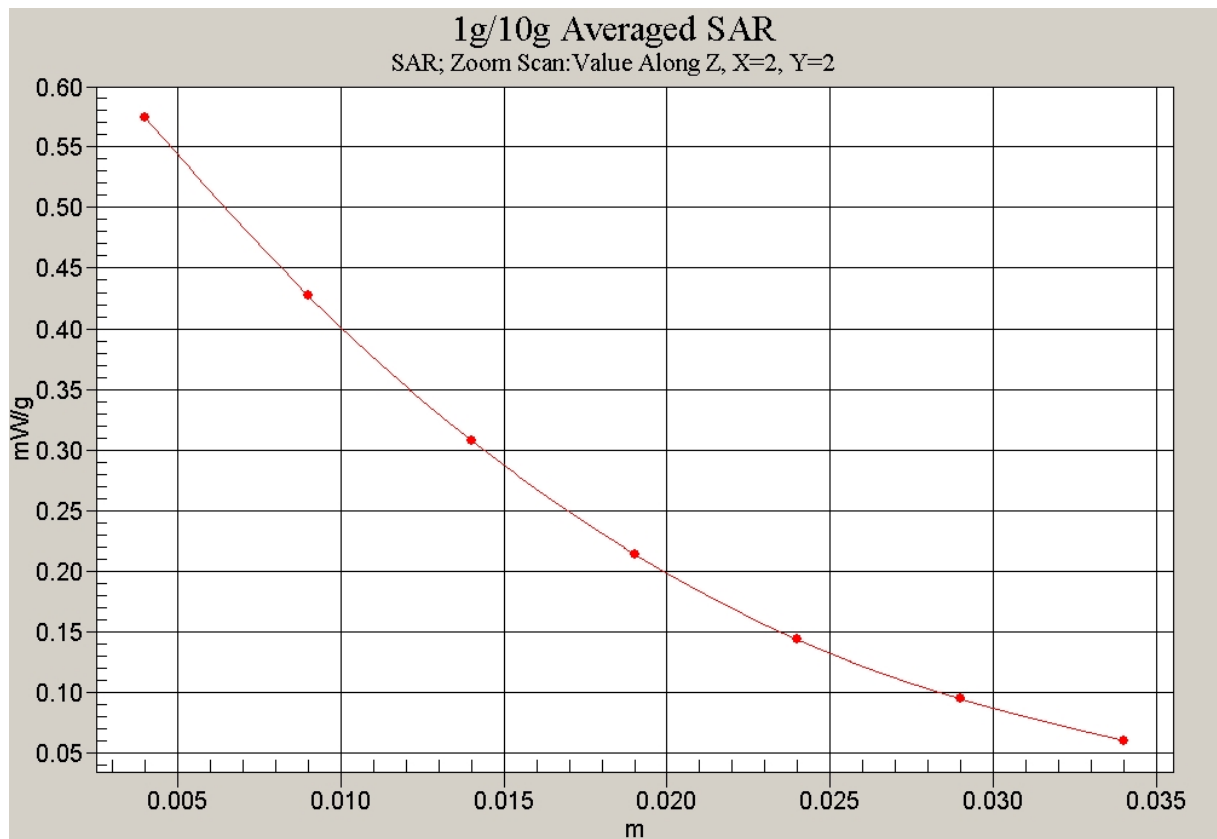


Fig. 50 Z-Scan at power reference point (1900 MHz CH661)

1900 Right Cheek Low

Date/Time: 2008-9-11 10:44:37

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.613 mW/g

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

Reference Value = 4.91 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.576 mW/g

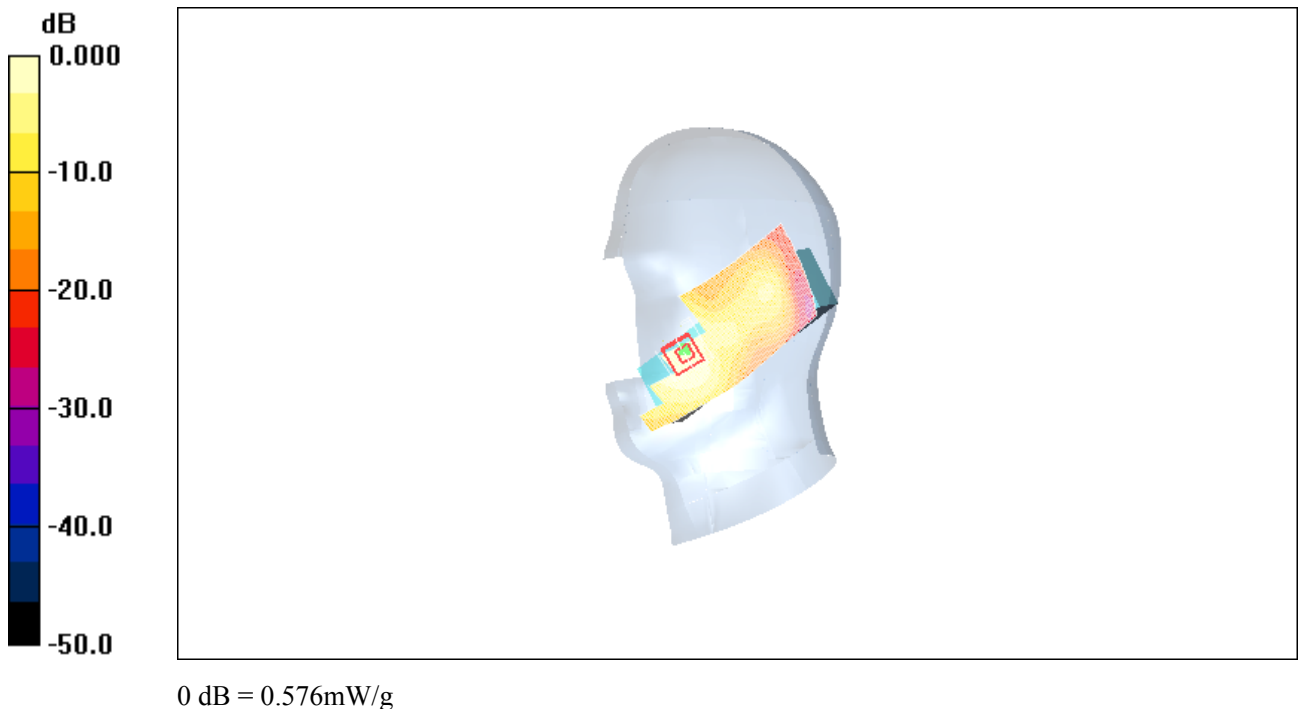


Fig. 51 1900 MHz CH512

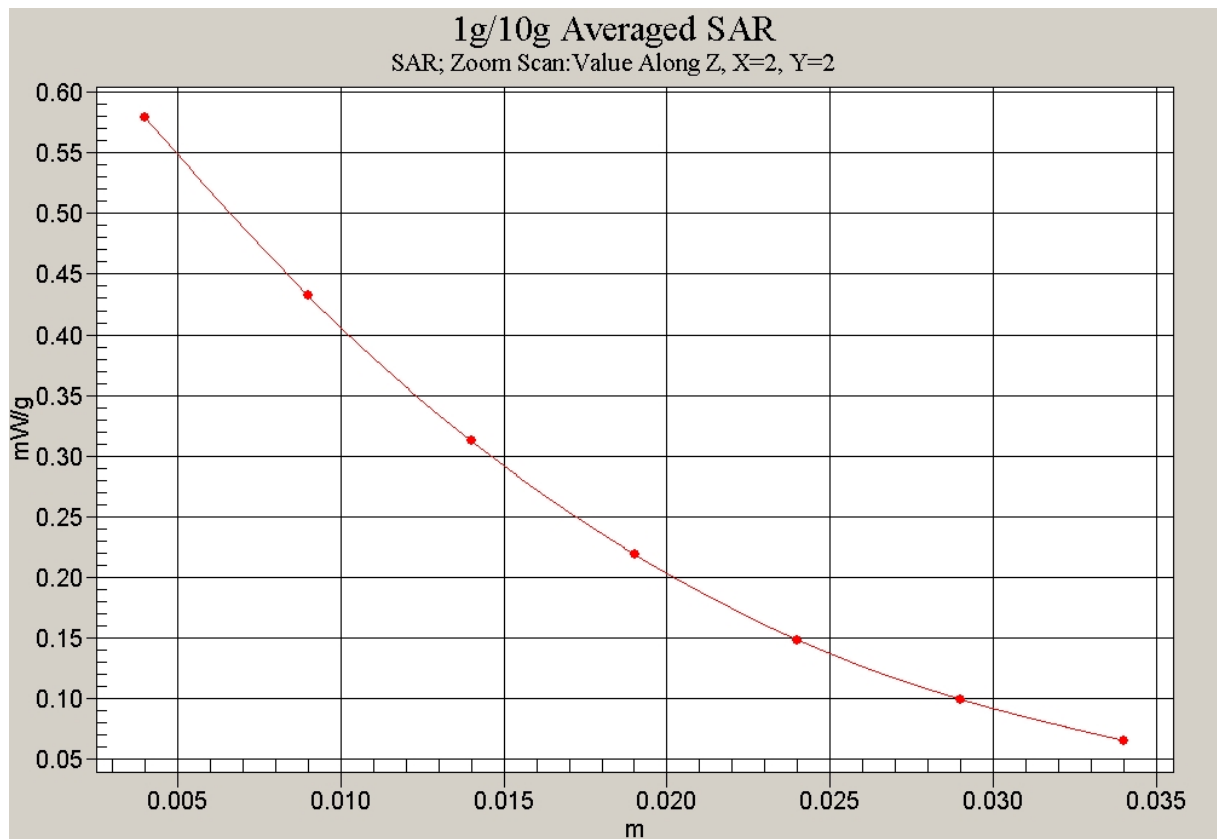


Fig. 52 Z-Scan at power reference point (1900 MHz CH512)

1900 Right Tilt High

Date/Time: 2008-9-11 12:10:19

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)

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

Maximum value of SAR (interpolated) = 0.374 mW/g

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

Reference Value = 10.1 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.307 mW/g

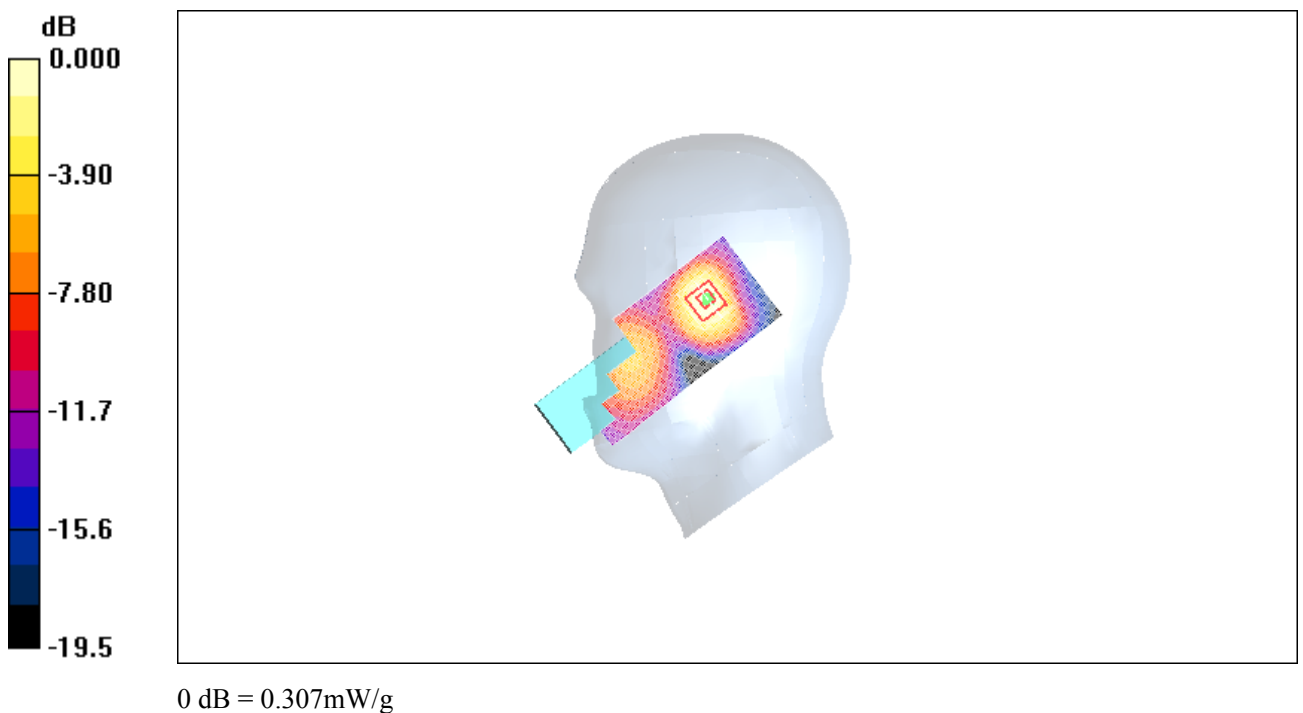


Fig. 53 1900 MHz CH810

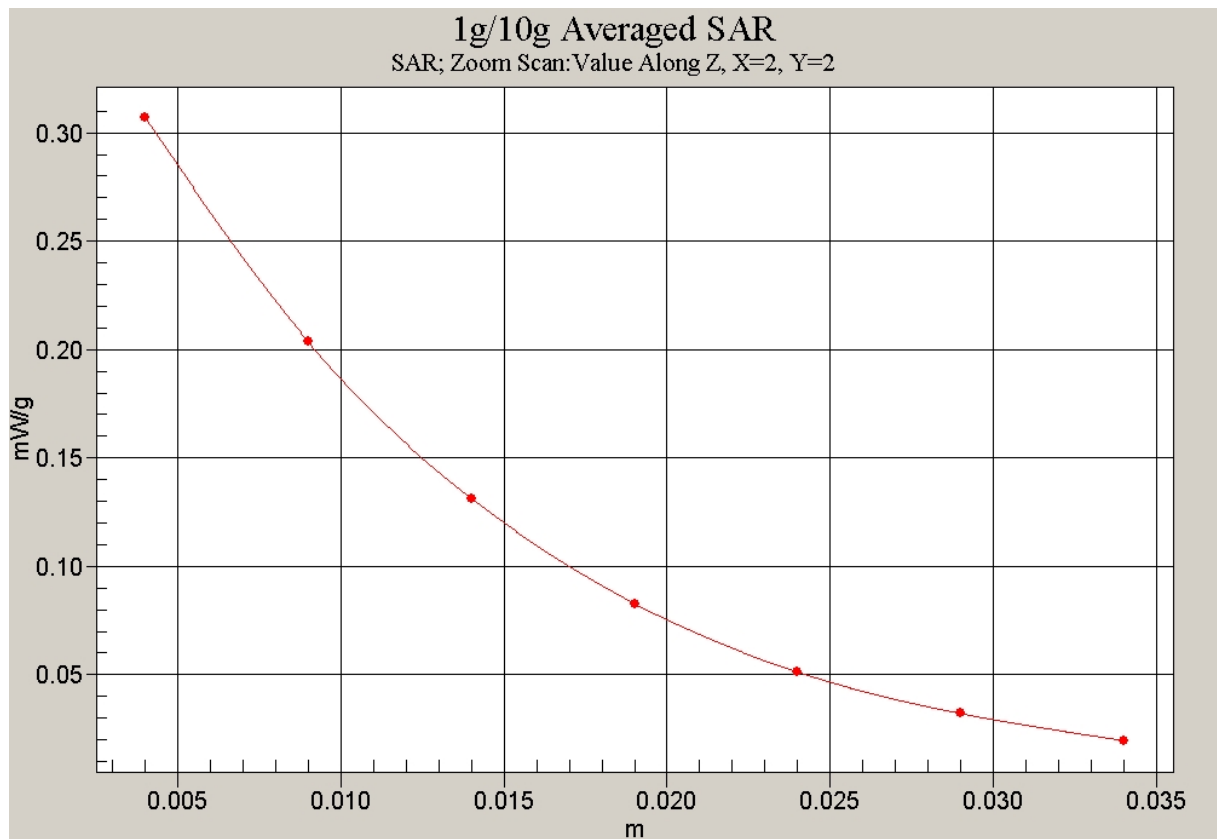


Fig. 54 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Tilt Middle

Date/Time: 2008-9-11 11:12:43

Electronics: DAE4 Sn771

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 new Frequency: 1880 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.352 mW/g

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

Reference Value = 9.73 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.421 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.292 mW/g

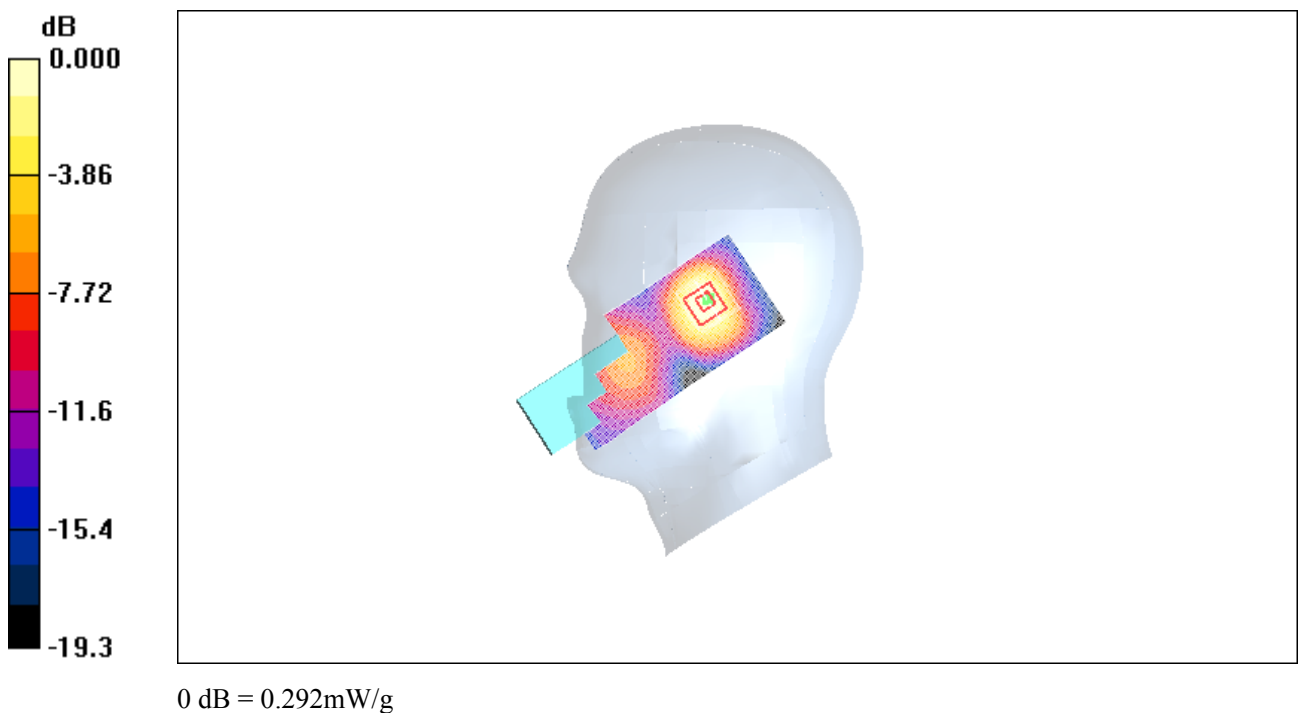


Fig.55 1900 MHz CH661

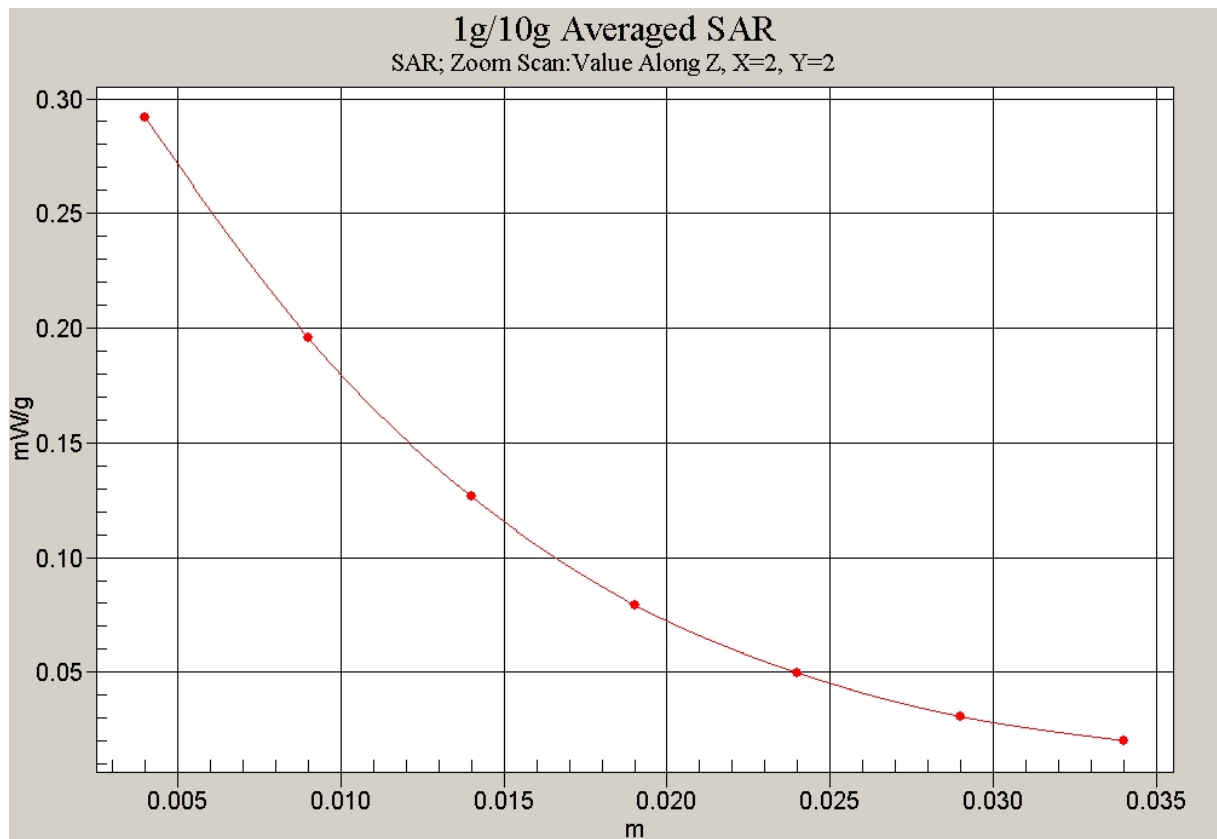


Fig. 56 Z-Scan at power reference point (1900 MHz CH661)

1900 Right Tilt Low

Date/Time: 2008-9-11 10:58:49

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3

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

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

Maximum value of SAR (interpolated) = 0.392 mW/g

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

Reference Value = 9.89 V/m; Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.326 mW/g

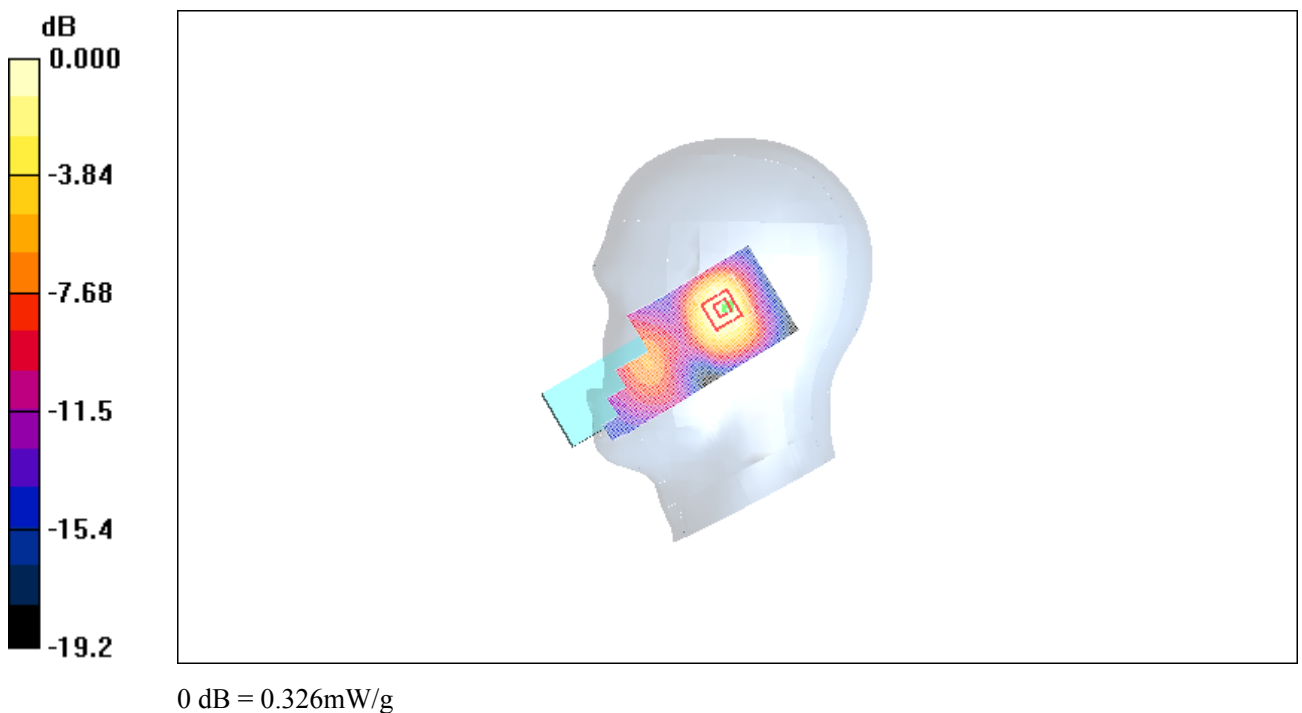


Fig.57 1900 MHz CH512

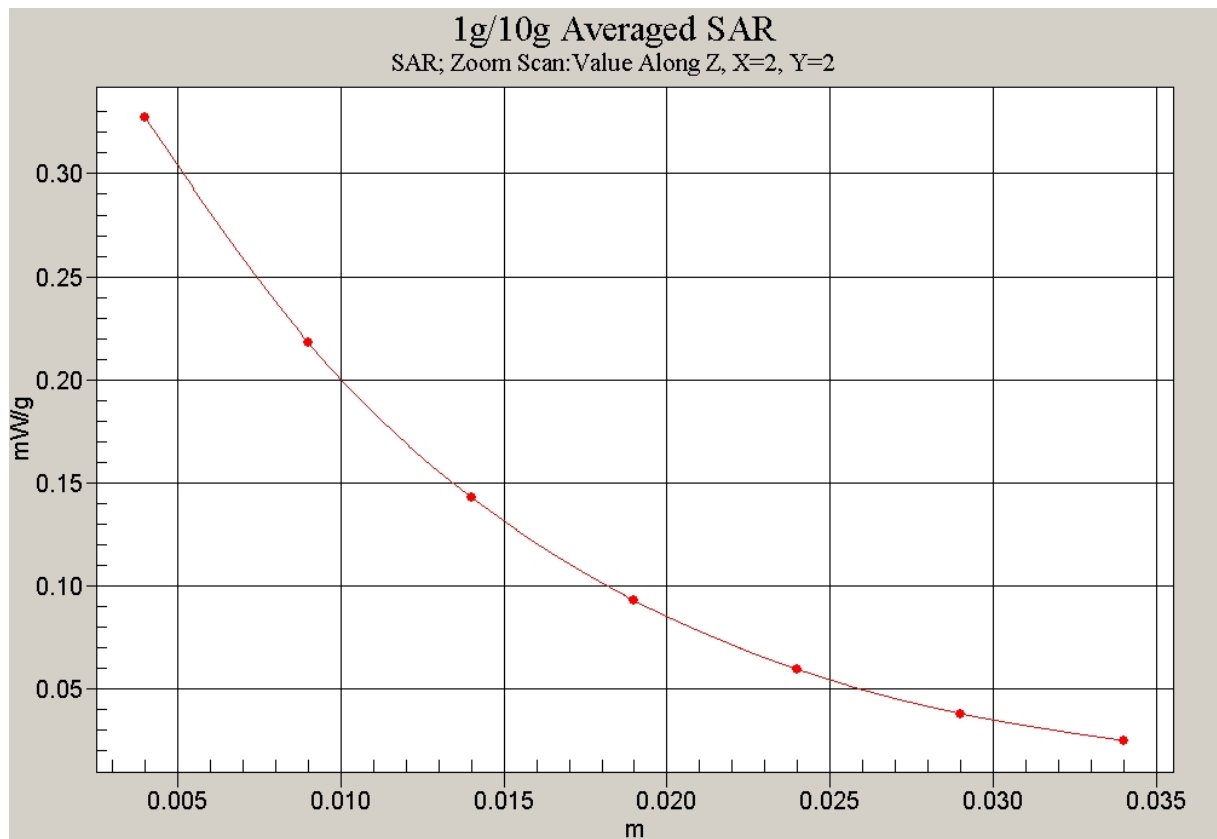


Fig. 58 Z-Scan at power reference point (1900 MHz CH512)

1900 Body Towards Ground High with GPRS

Date/Time: 2008-9-11 17:08:26

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.85, 4.85, 4.85)

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

Maximum value of SAR (interpolated) = 0.454 mW/g

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

Reference Value = 10.8 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.446 mW/g

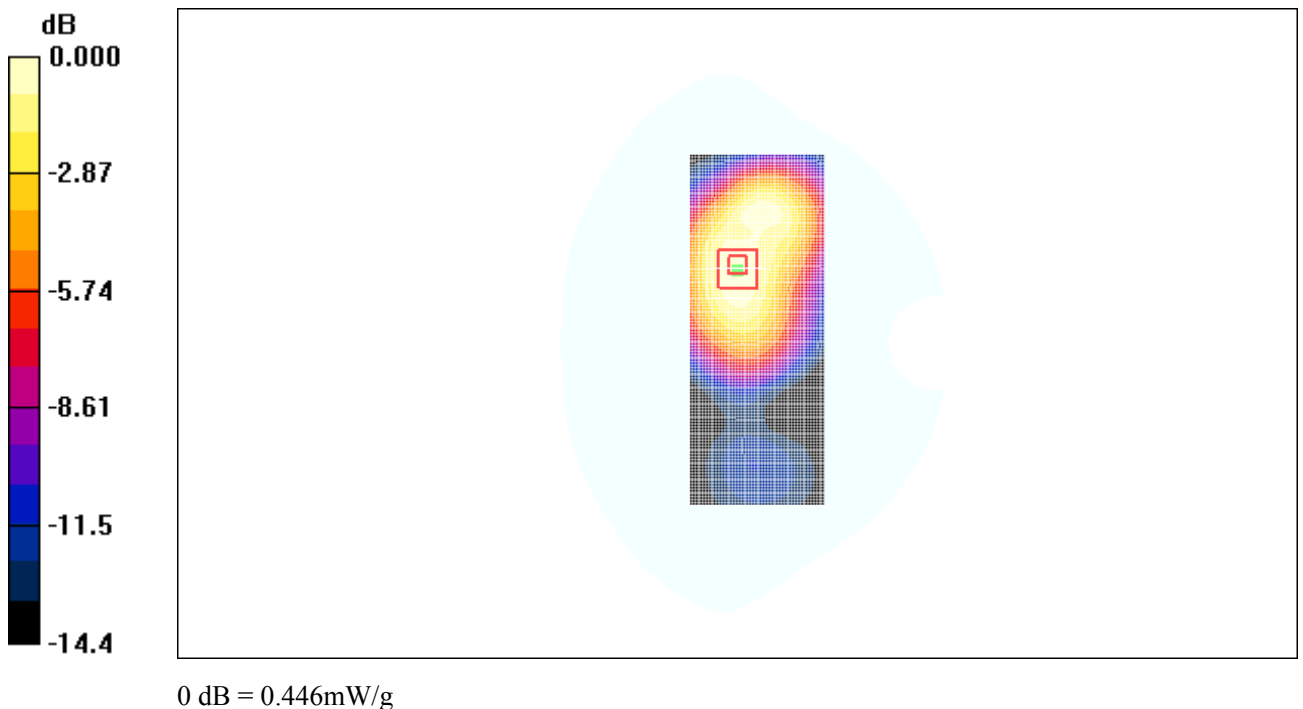


Fig. 59 1900 MHz CH810

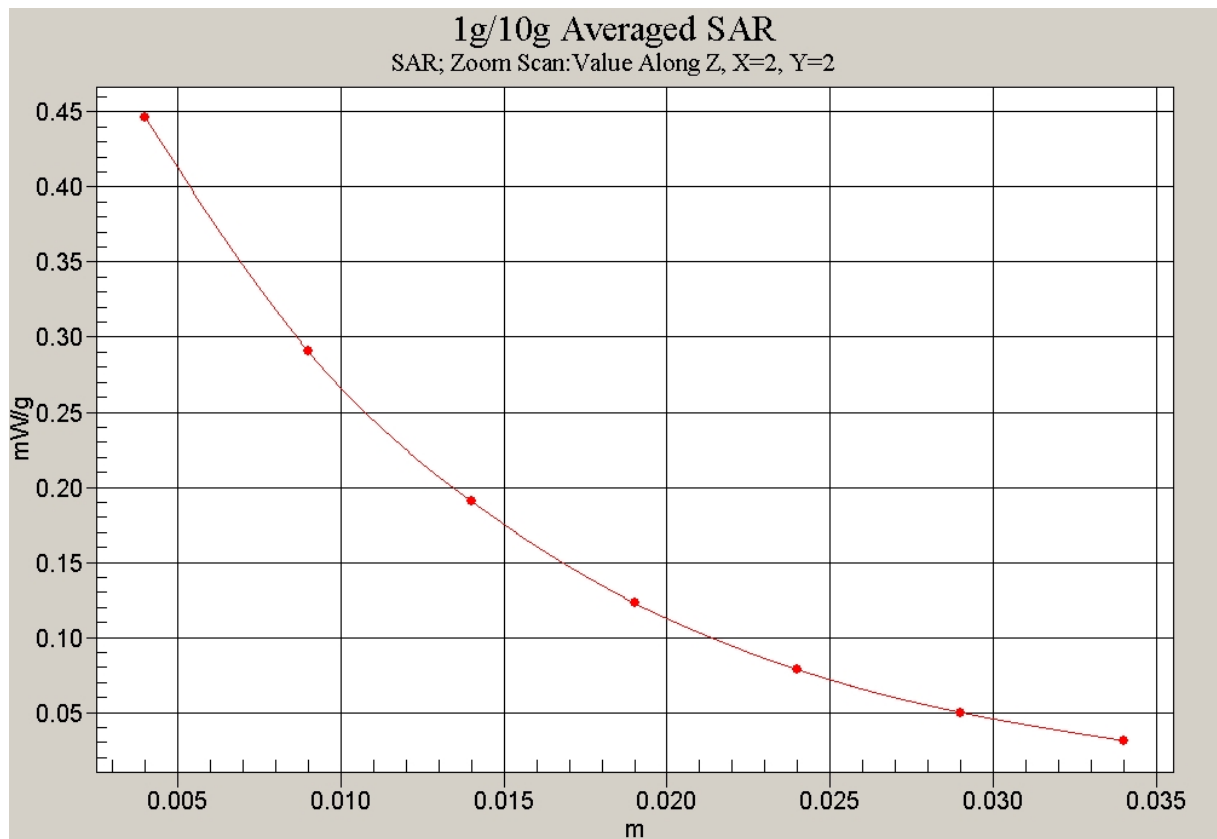


Fig. 60 Z-Scan at power reference point (1900 MHz CH810)

1900 Body Towards Ground Middle with GPRS

Date/Time: 2008-9-11 17:23:16

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.85, 4.85, 4.85)

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

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

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

Reference Value = 11.0 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.513 mW/g

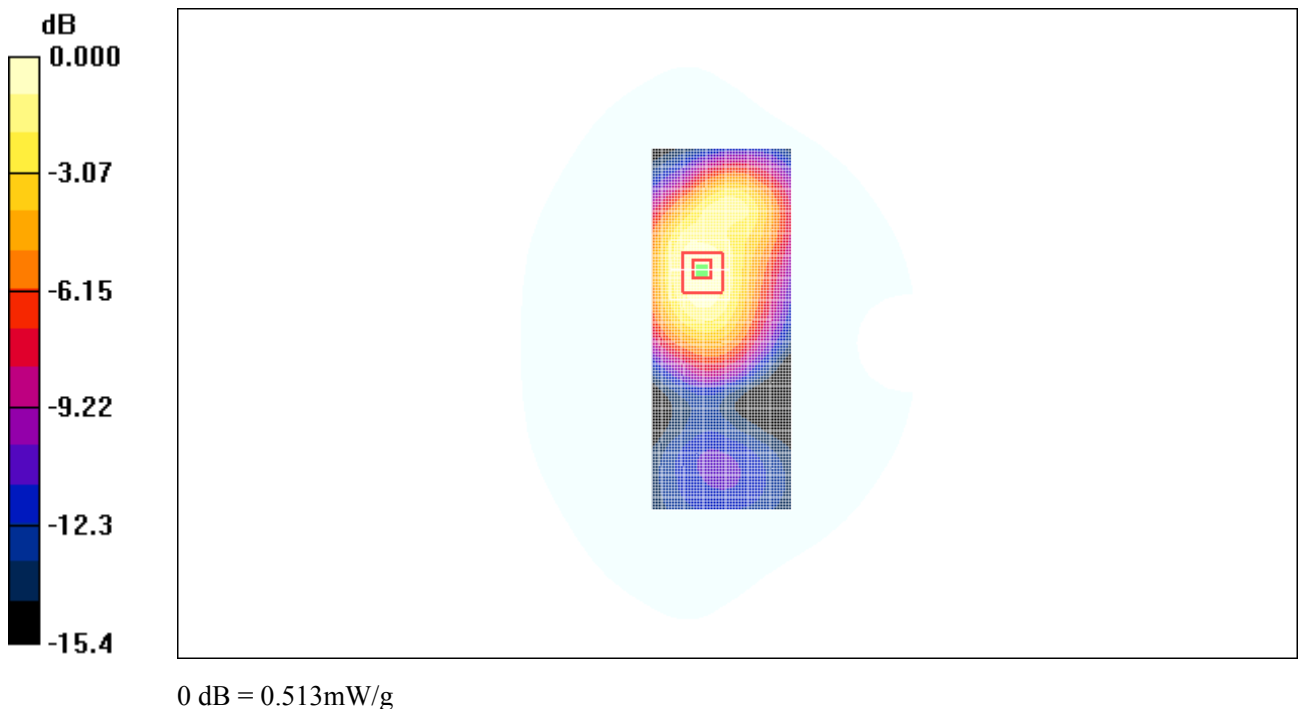


Fig. 61 1900 MHz CH661

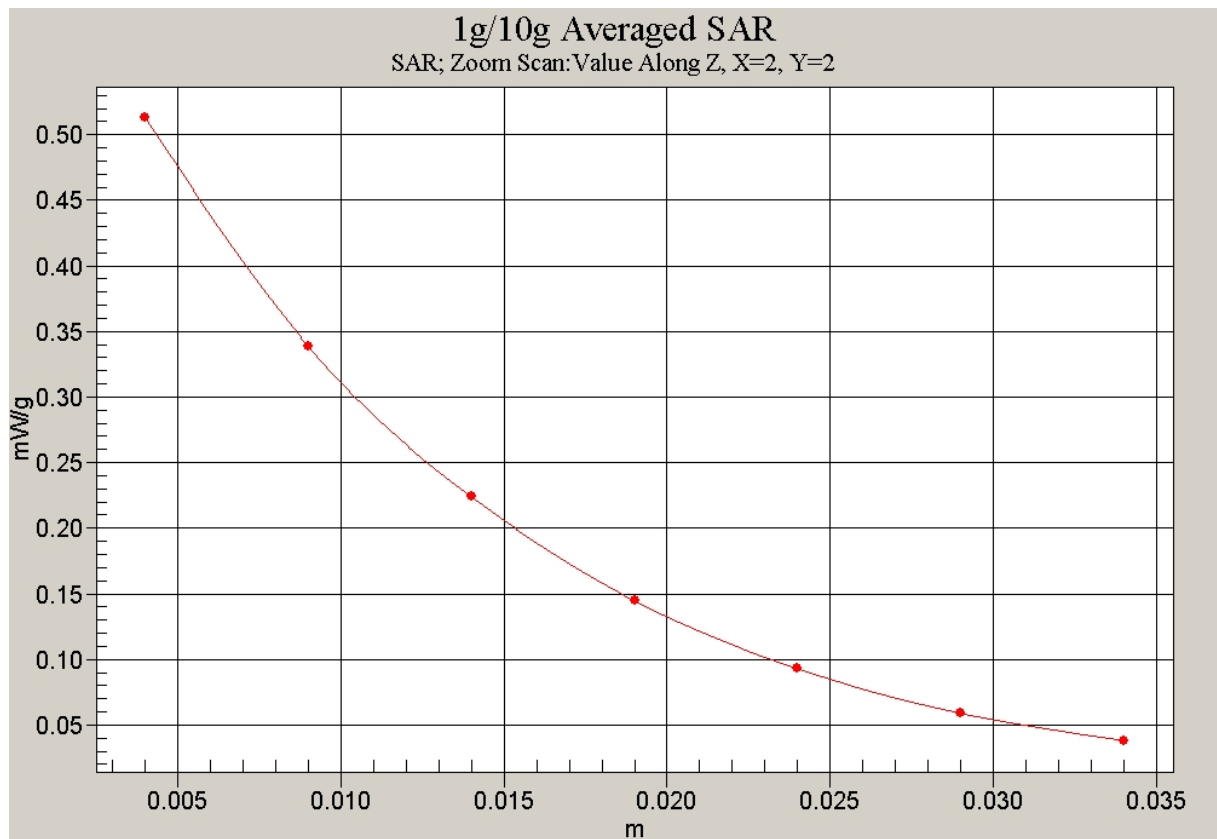


Fig. 62 Z-Scan at power reference point (1900 MHz CH661)

1900 Body Towards Ground Low with GPRS

Date/Time: 2008-9-11 17:39:26

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(4.85, 4.85, 4.85)

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

Maximum value of SAR (interpolated) = 0.555 mW/g

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

Reference Value = 11.1 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.547 mW/g

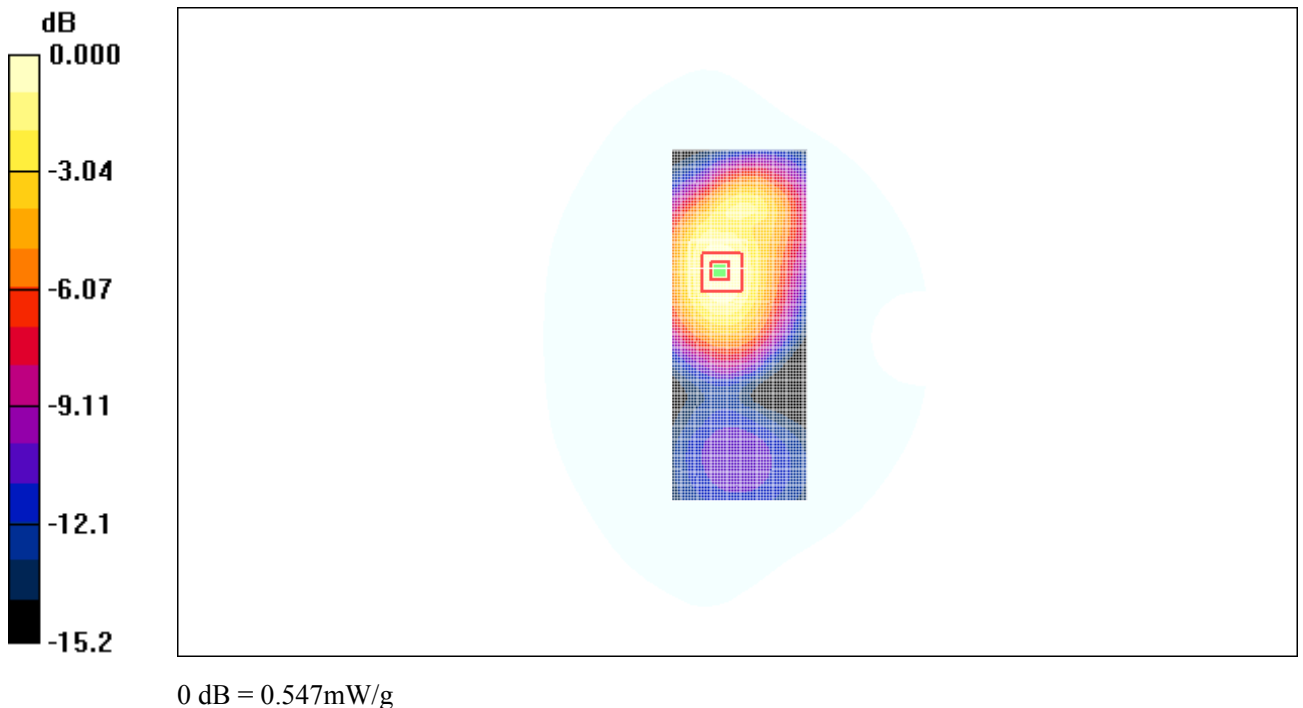


Fig. 63 1900 MHz CH512

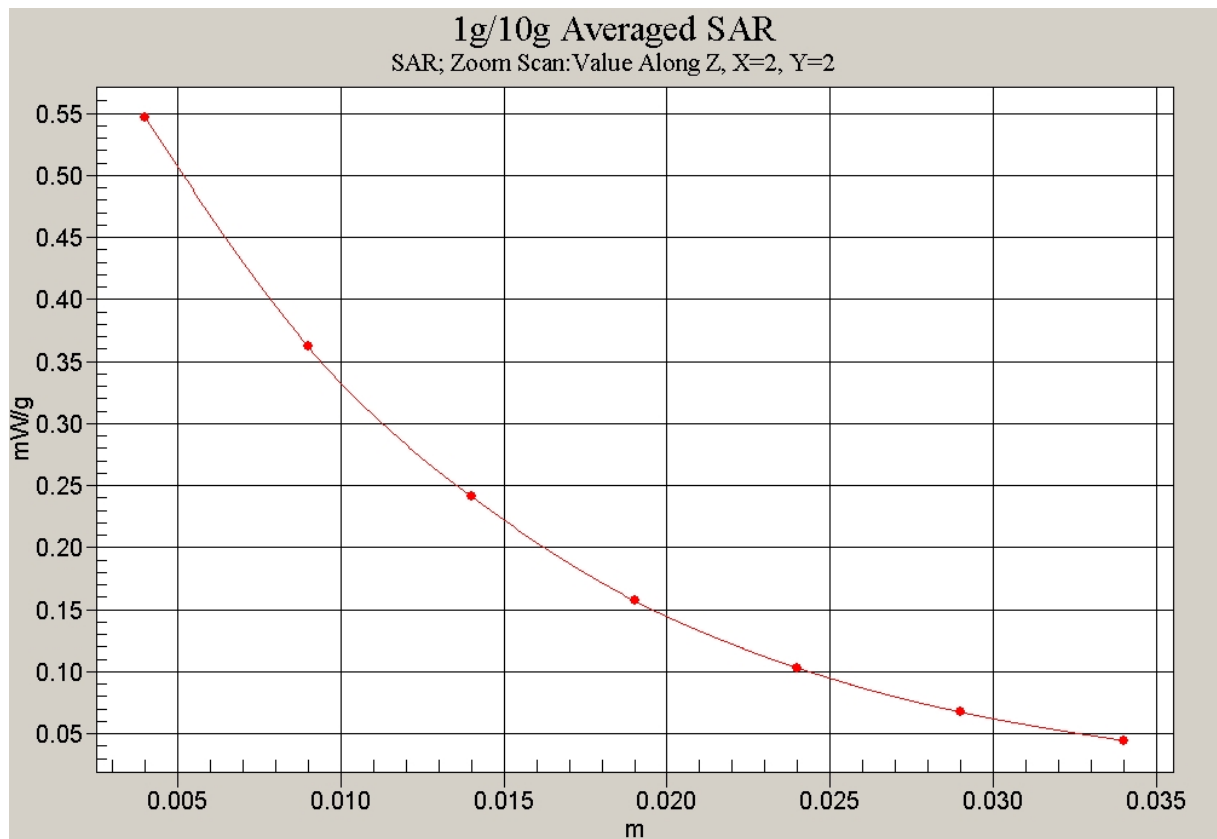


Fig. 64 Z-Scan at power reference point (1900 MHz CH512)

1900 Body Towards Ground Low with Headset

Date/Time: 2008-9-11 18:24:42

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

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

Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(4.85, 4.85, 4.85)

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

Maximum value of SAR (interpolated) = 0.238 mW/g

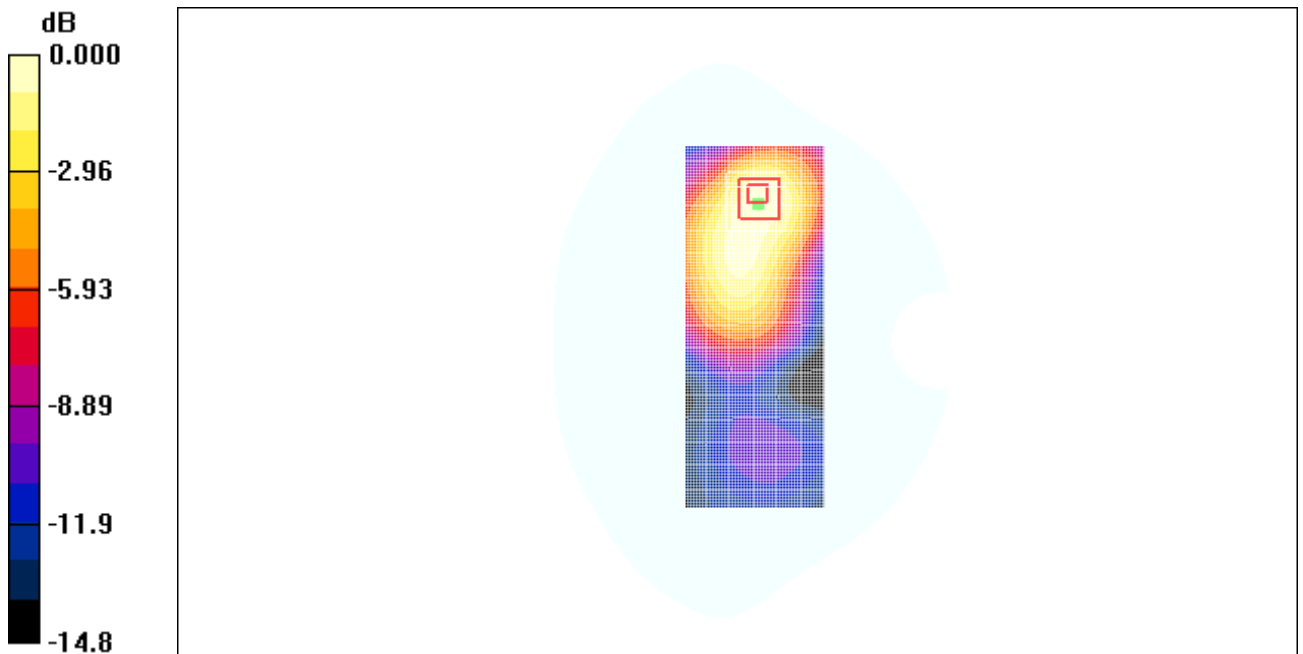
Toward Ground Low with Headset/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.23 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

Fig. 65 1900 MHz CH512