

1900 Left Tilt Middle

Date/Time: 2011-8-4 9:22:58

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.273 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.239 mW/g

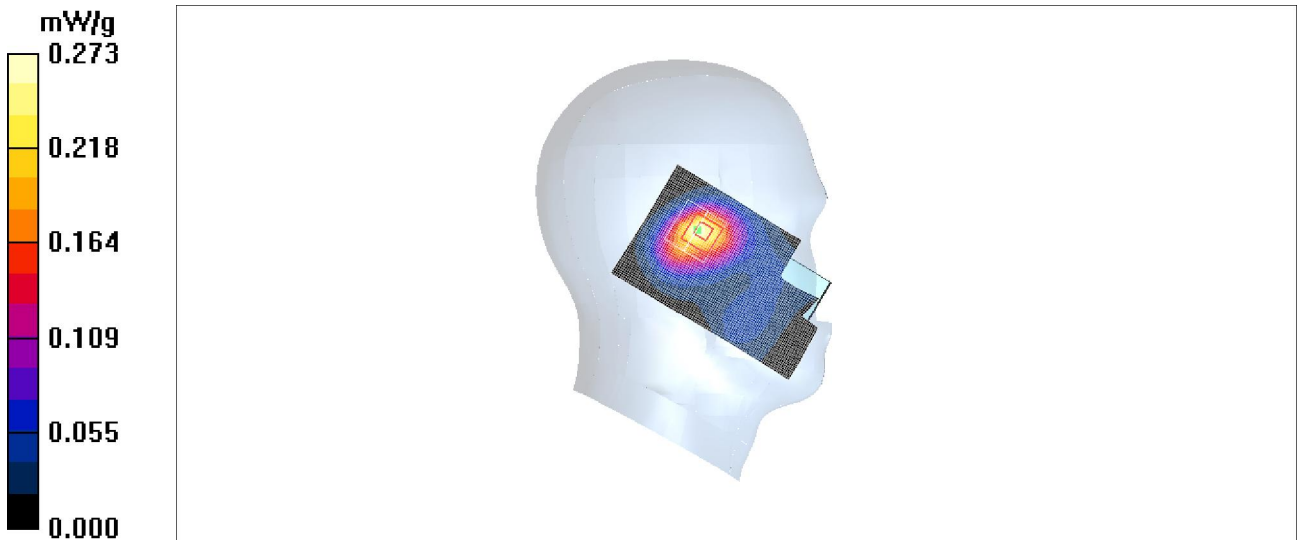


Fig. 17 1900 MHz CH661

1900 Left Tilt Low

Date/Time: 2011-8-4 9:38:04

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.244 mW/g

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

Reference Value = 10.1 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.216 mW/g

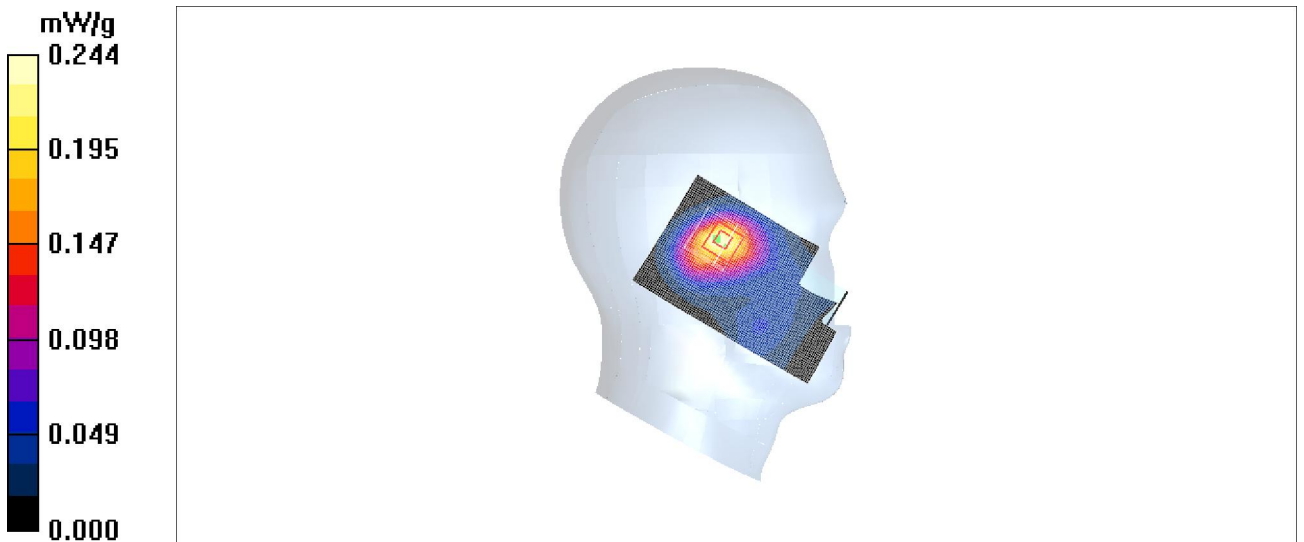


Fig. 18 1900 MHz CH512

1900 Right Cheek High

Date/Time: 2011-8-4 9:54:27

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.524 mW/g

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

Reference Value = 4.60 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.515 mW/g

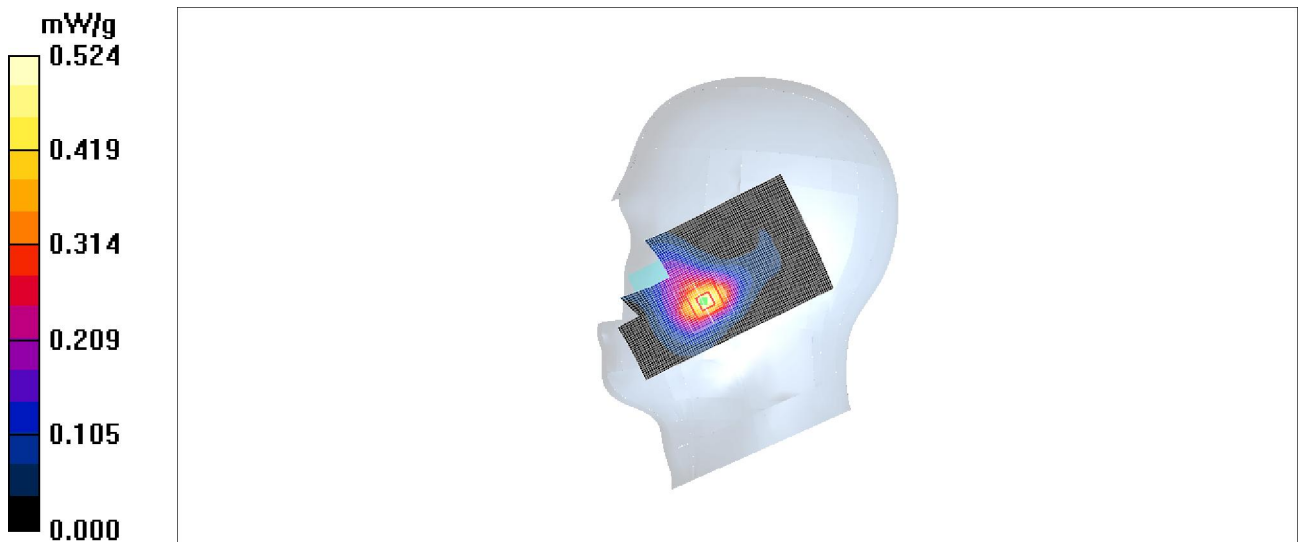


Fig. 19 1900 MHz CH810

1900 Right Cheek Middle

Date/Time: 2011-8-4 10:10:17

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.648 mW/g

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

Reference Value = 5.85 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.638 mW/g

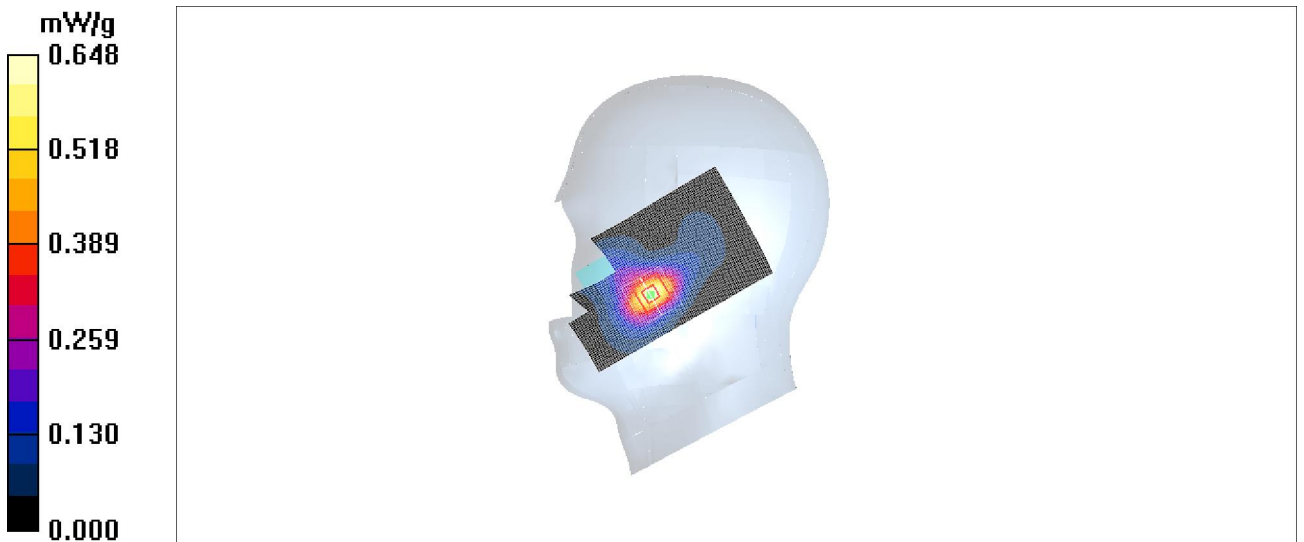


Fig. 20 1900 MHz CH661

1900 Right Cheek Low

Date/Time: 2011-8-4 10:24:37

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.709 mW/g

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

Reference Value = 6.53 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.377 mW/g

Maximum value of SAR (measured) = 0.710 mW/g

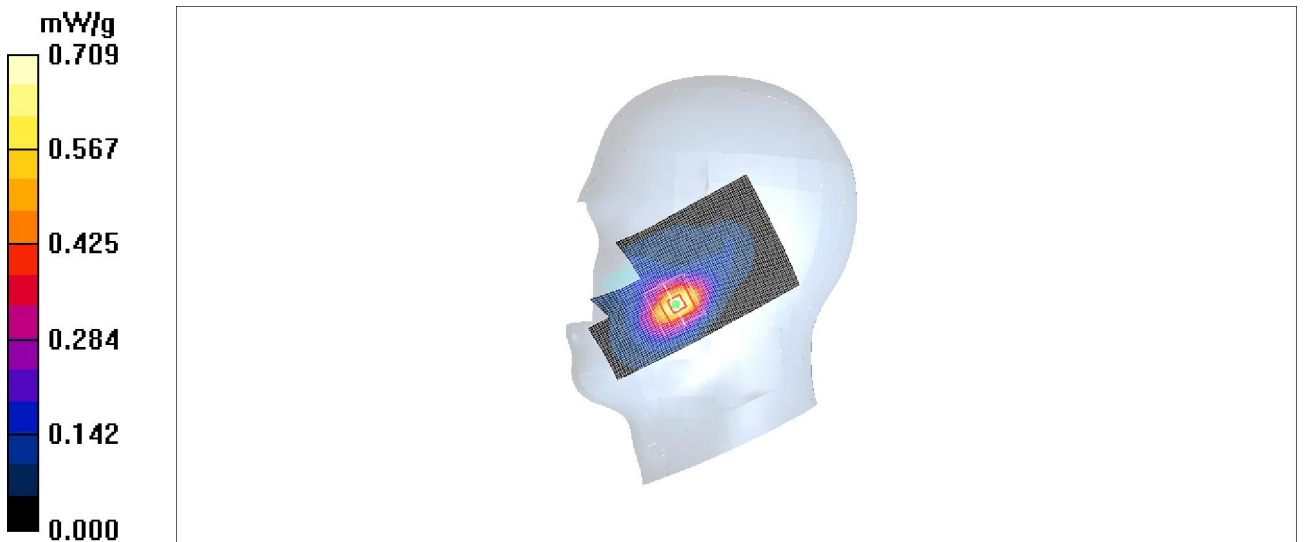


Fig. 21 1900 MHz CH512

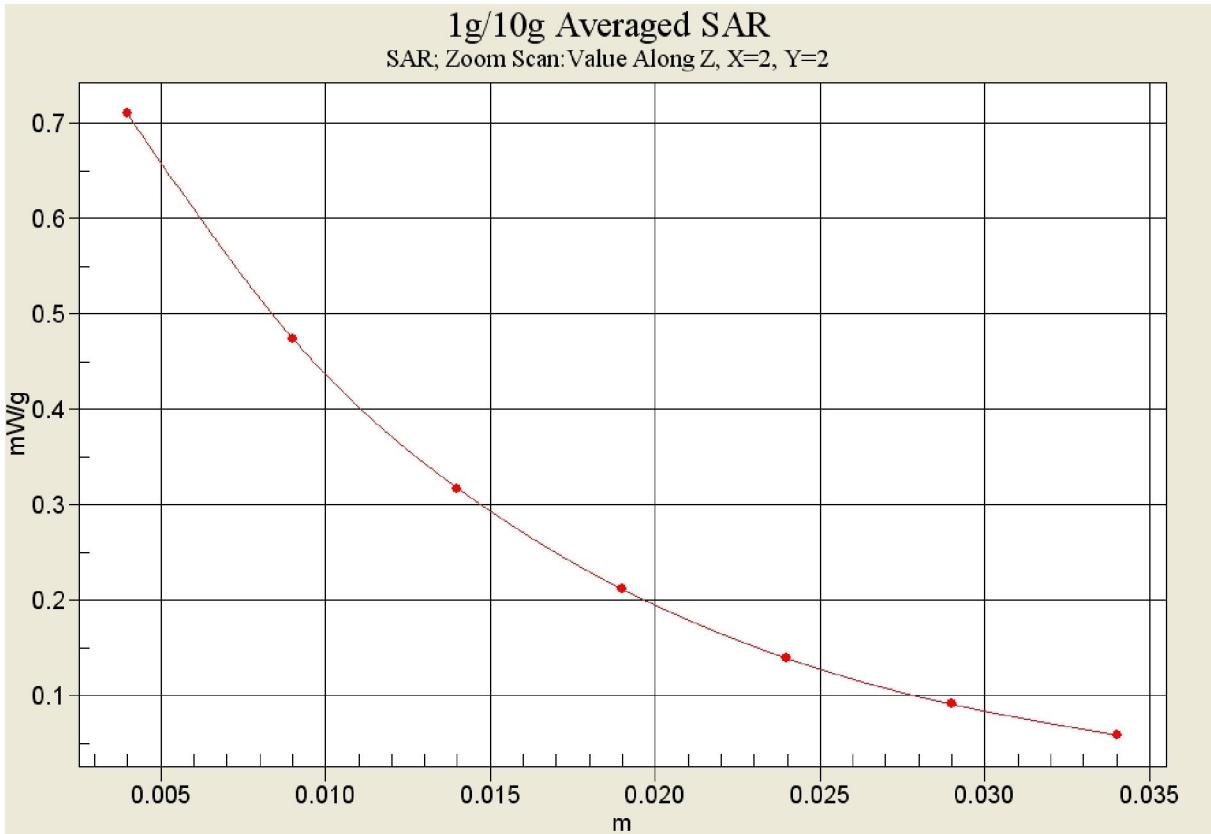


Fig. 21-1 Z-Scan at power reference point (1900 MHz CH512)

1900 Right Tilt High

Date/Time: 2011-8-4 10:39:53

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt High/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

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

Reference Value = 9.86 V/m ; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.156 mW/g ; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.170 mW/g

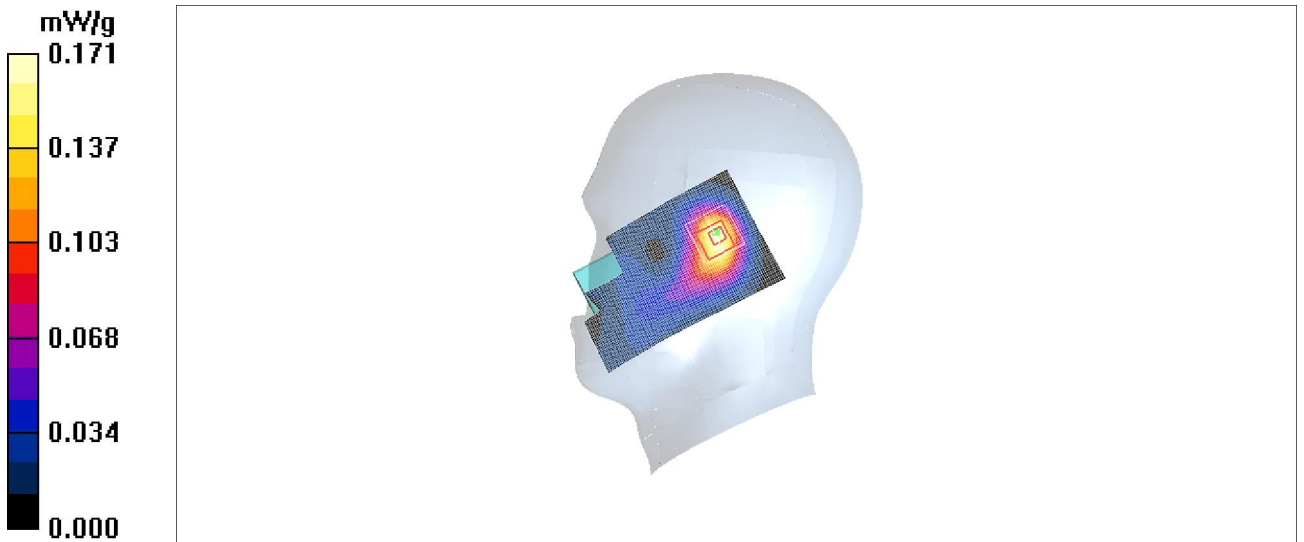


Fig. 22 1900 MHz CH810

1900 Right Tilt Middle

Date/Time: 2011-8-4 10:53:03

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.223 mW/g

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

Reference Value = 11.6 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.302 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.216 mW/g

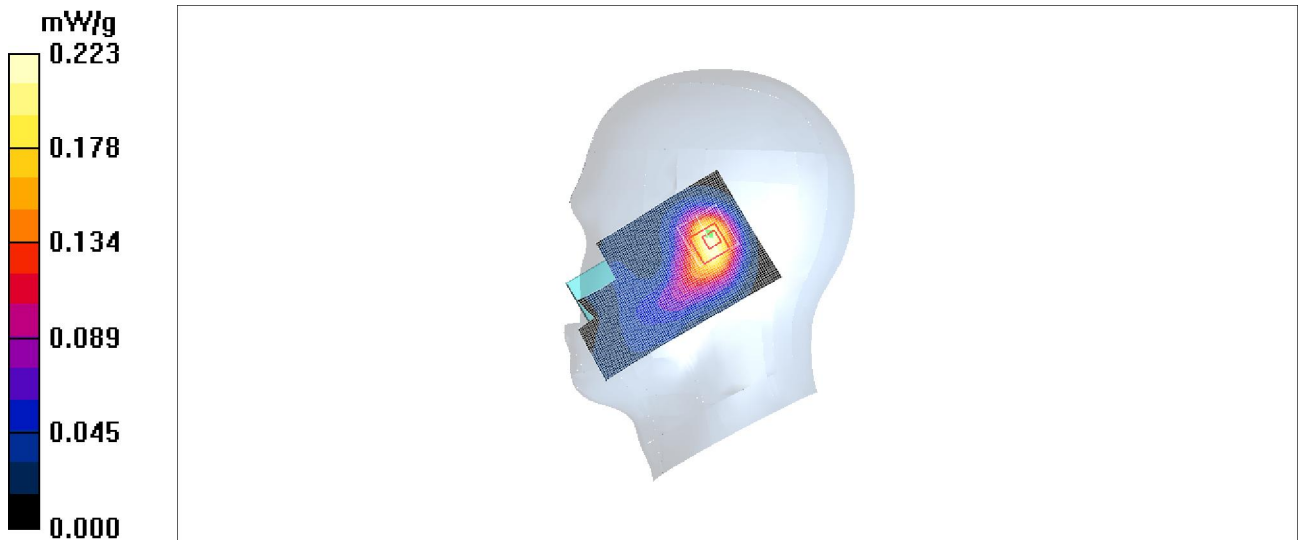


Fig.23 1900 MHz CH661

1900 Right Tilt Low

Date/Time: 2011-8-4 11:12:28

Electronics: DAE4 Sn771

Medium: Head 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.222 mW/g

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

Reference Value = 11.6 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

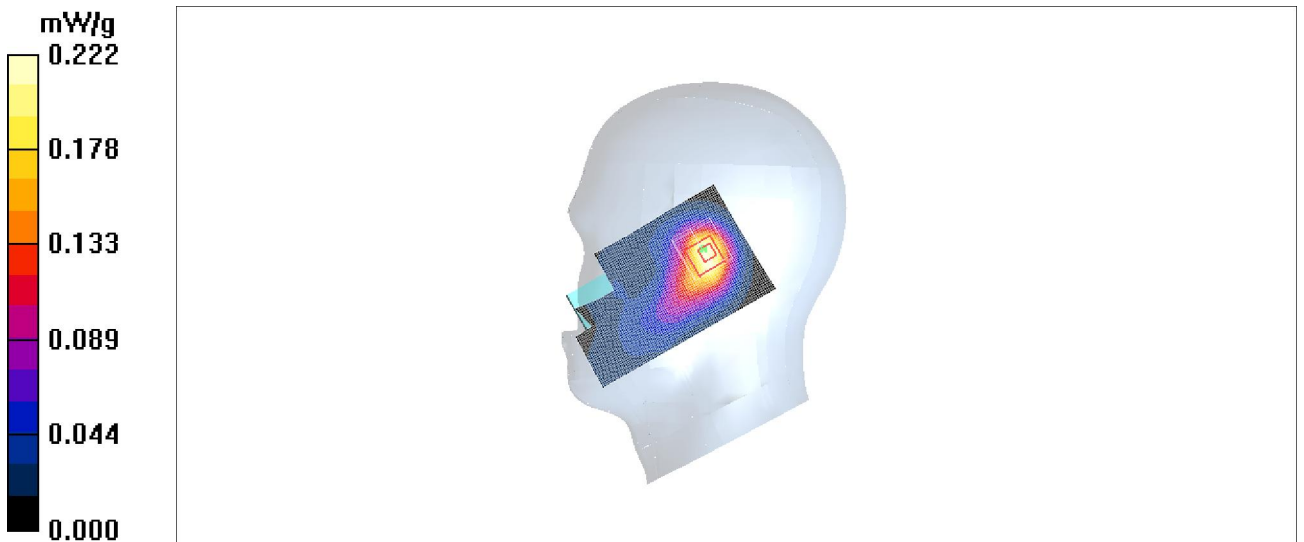


Fig.24 1900 MHz CH512

WCDMA 1700 Left Cheek High

Date/Time: 2011-8-5 8:14:23

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.641 mW/g

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

Reference Value = 6.38 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.680 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.38 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.550 mW/g

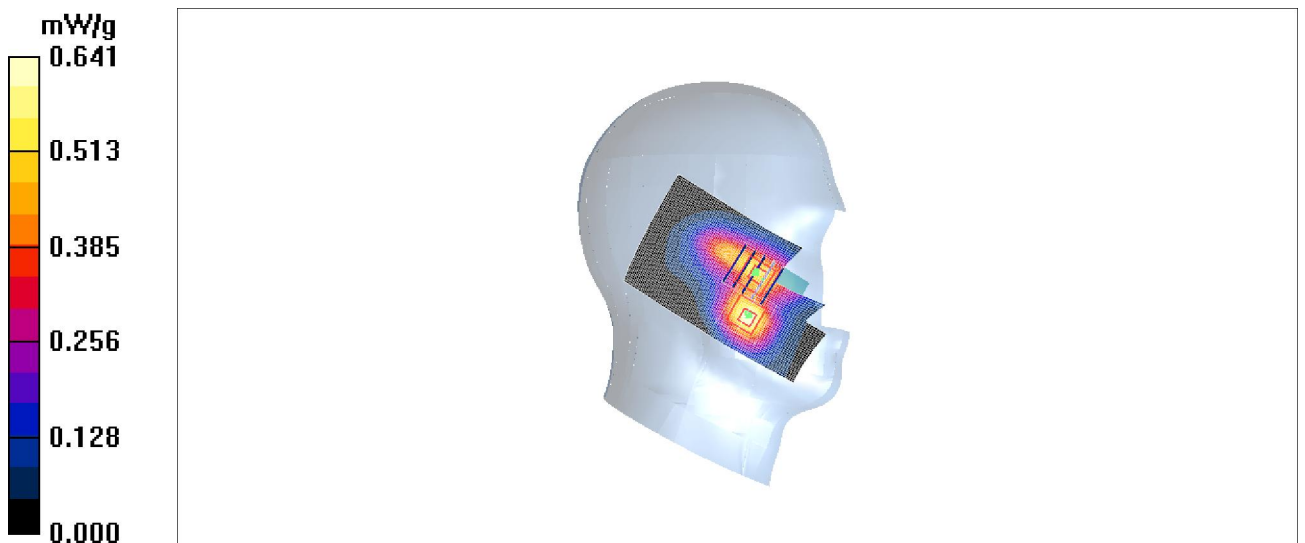


Fig. 25 1700MHz CH1513

WCDMA 1700 Left Cheek Middle

Date/Time: 2011-8-5 8:35:07

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.661 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.61 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.698 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.61 V/m; Power Drift = 0.191 dB
Peak SAR (extrapolated) = 0.773 W/kg
SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.366 mW/g
Maximum value of SAR (measured) = 0.590 mW/g

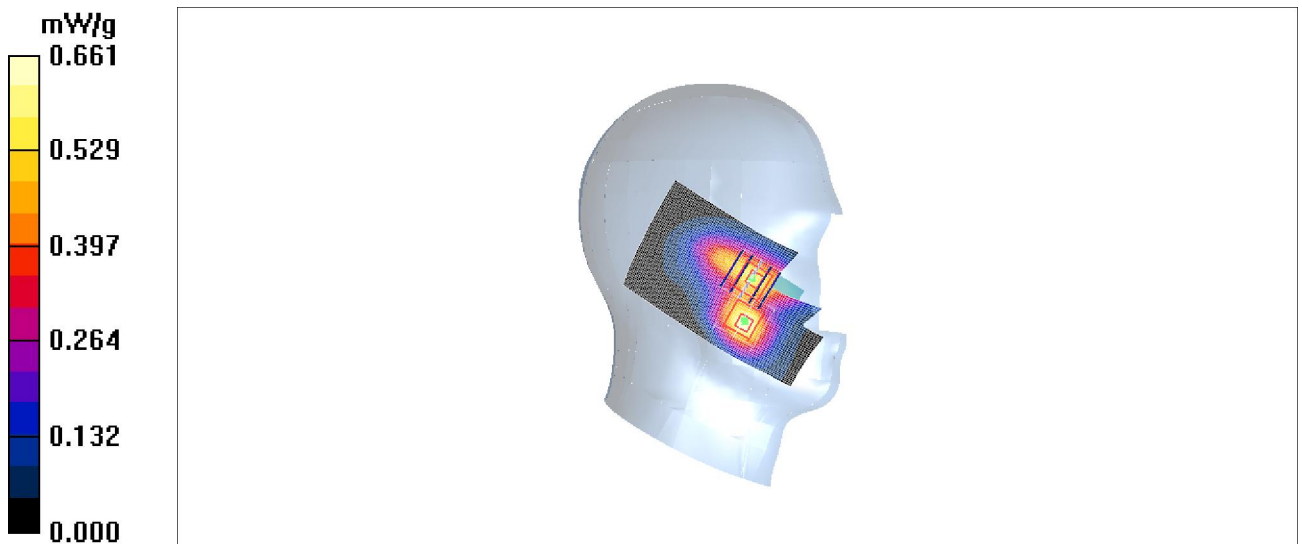


Fig. 26 1700 MHz CH1412

WCDMA 1700 Left Cheek Low

Date/Time: 2011-8-5 8:59:46

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.716 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.67 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.759 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.67 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.400 mW/g
Maximum value of SAR (measured) = 0.645 mW/g

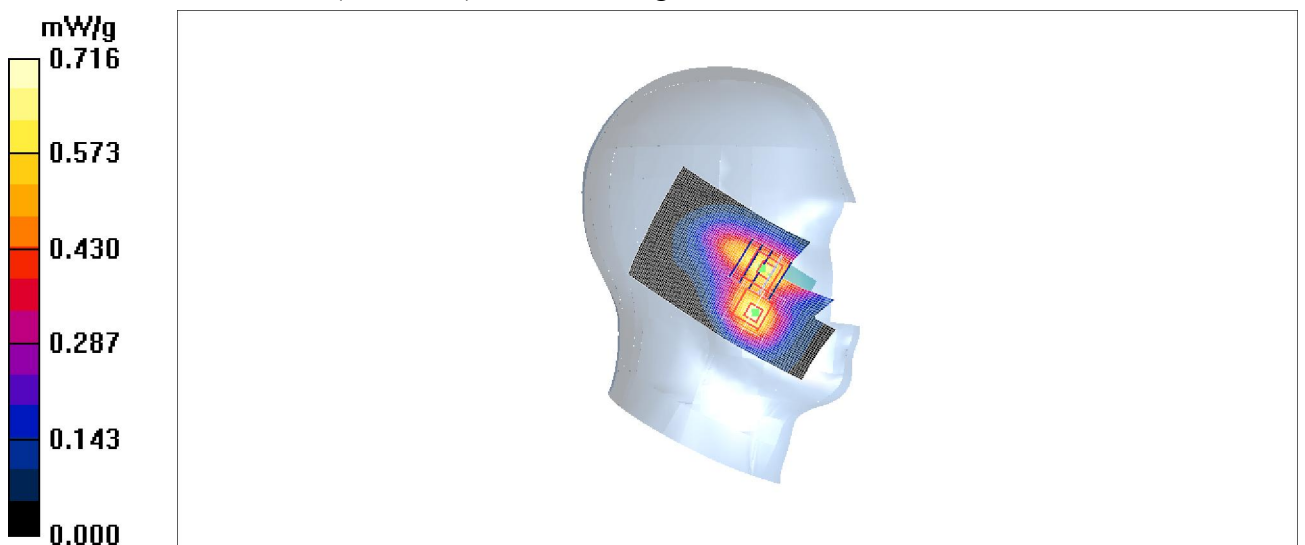


Fig. 27 1700 MHz CH1312

WCDMA 1700 Left Tilt High

Date/Time: 2011-8-5 9:15:22

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.243 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.78 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.224 mW/g

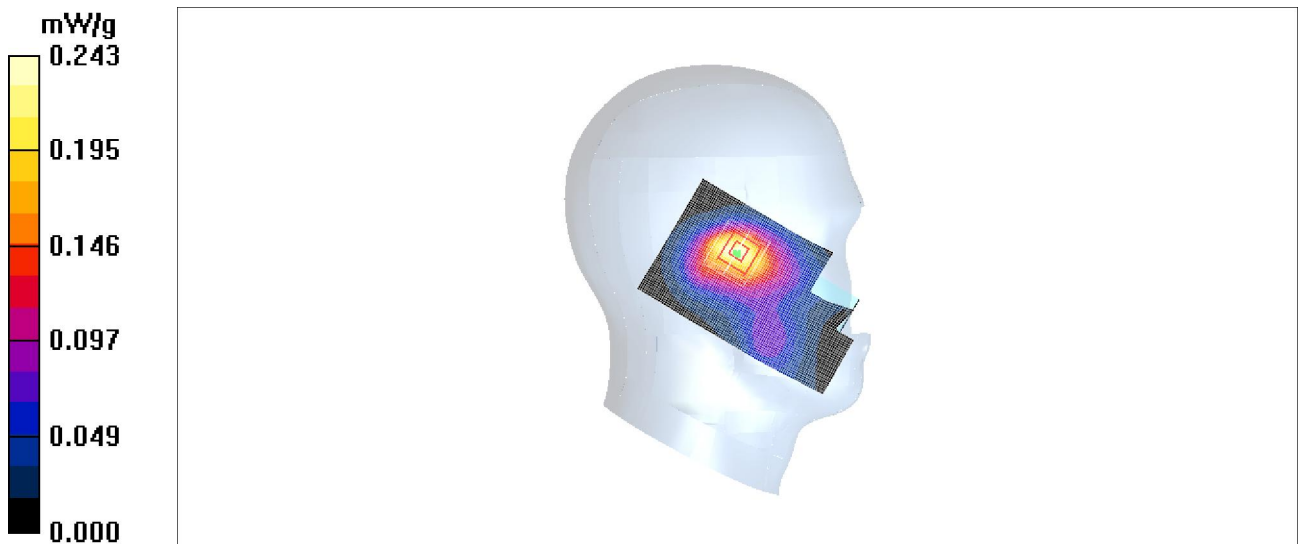


Fig.28 1700 MHz CH1513

WCDMA 1700 Left Tilt Middle

Date/Time: 2011-8-5 9:31:20

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.212 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.54 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.201 mW/g

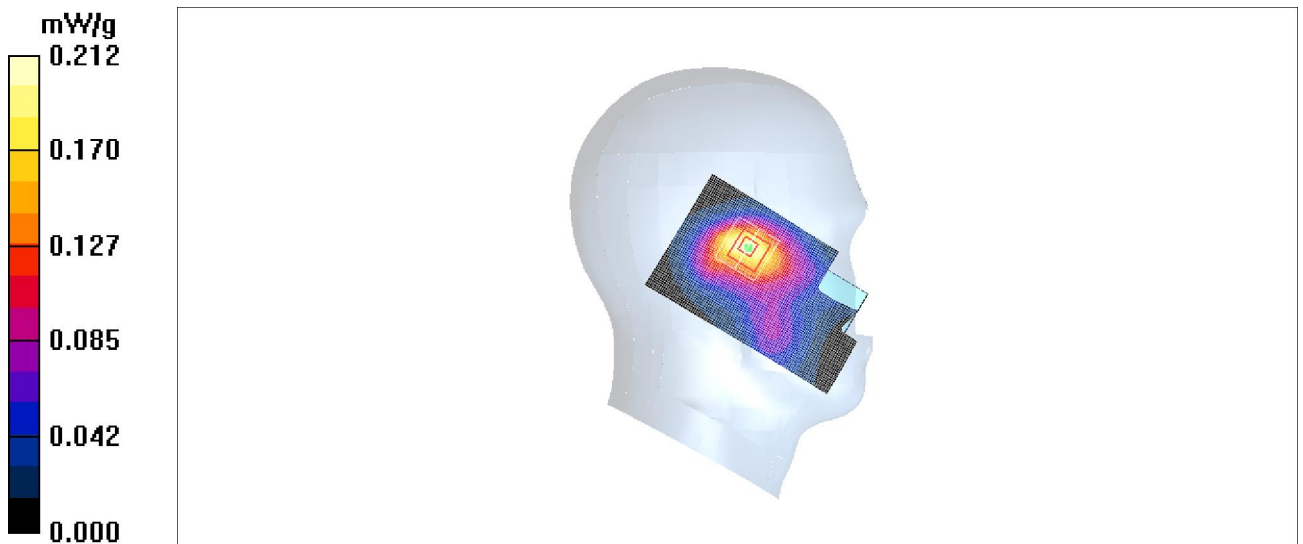


Fig.29 1700 MHz CH1412

WCDMA 1700 Left Tilt Low

Date/Time: 2011-8-5 9:48:44

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23°C Liquid Temperature: 22.5°C

Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.203 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.48 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.194 mW/g

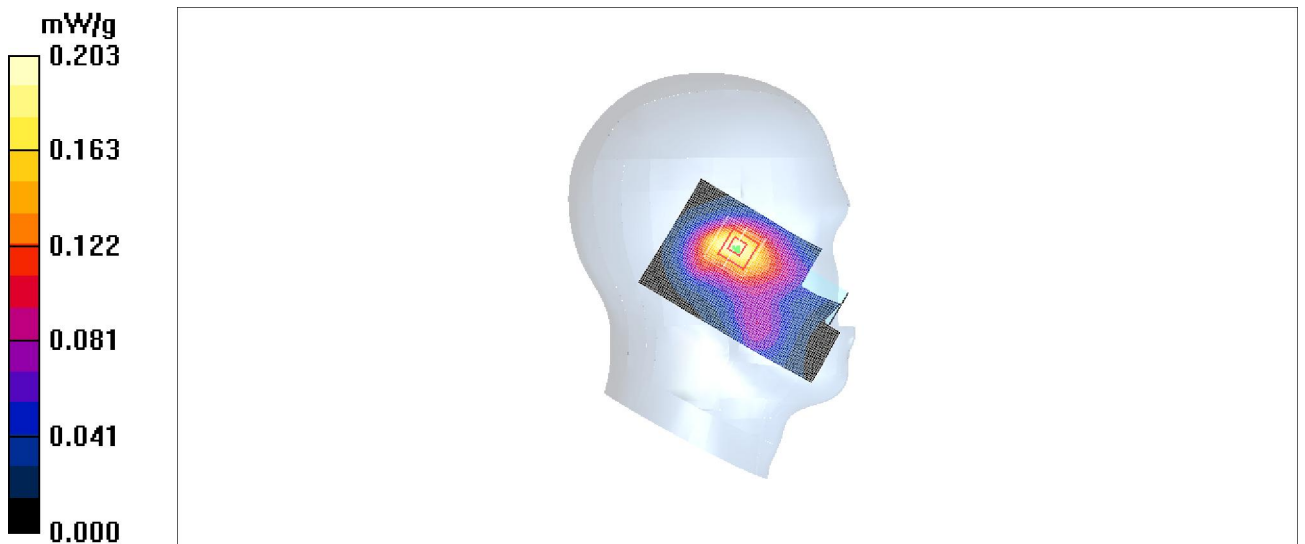


Fig. 30 1700 MHz CH1312

WCDMA 1700 Right Cheek High

Date/Time: 2011-8-5 10:03:05

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0 °C Liquid Temperature: 22.5 °C

Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.08 mW/g

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

Reference Value = 7.87 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.576 mW/g

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

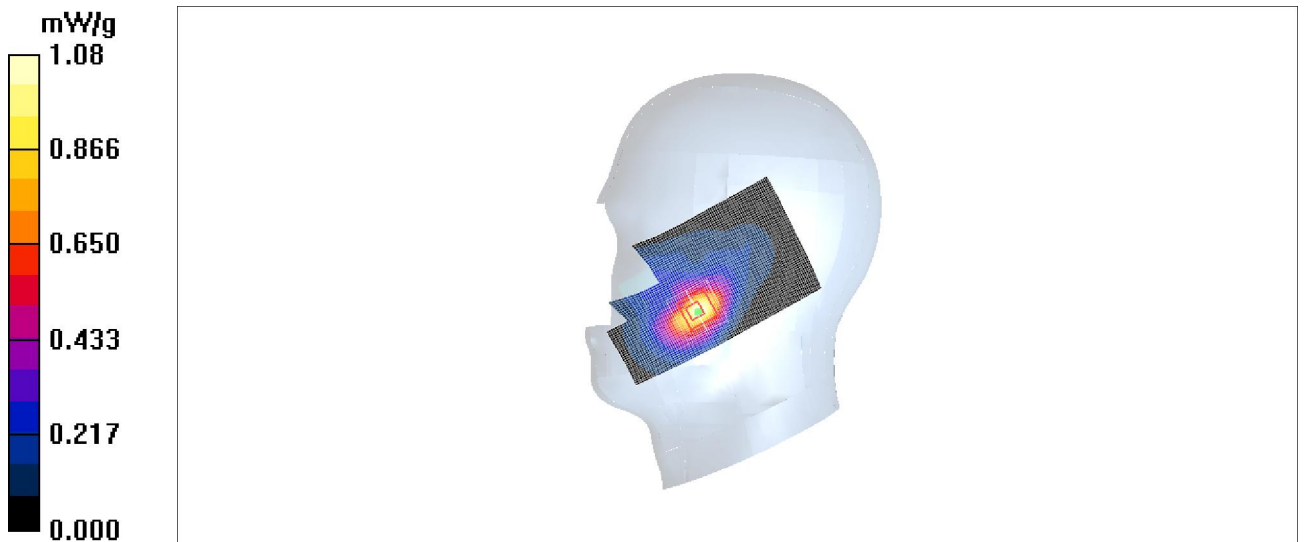


Fig. 31 1700 MHz CH1513

WCDMA 1700 Right Cheek Middle

Date/Time: 2011-8-5 10:19:24

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0 °C Liquid Temperature: 22.5 °C

Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.14 mW/g

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

Reference Value = 7.93 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.625 mW/g

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

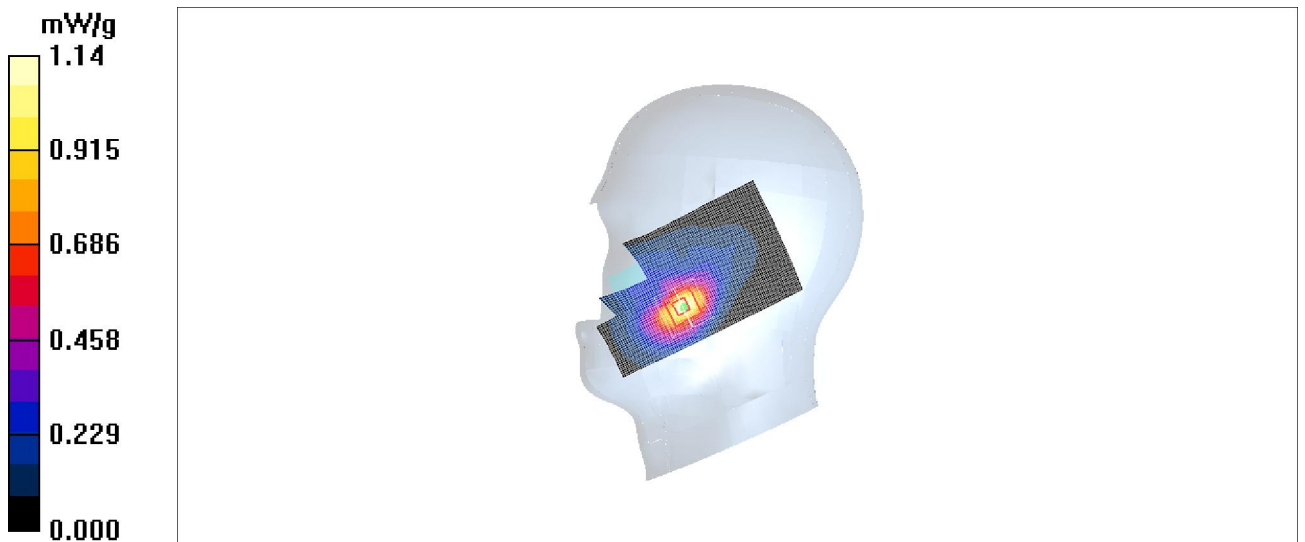


Fig. 32 1700 MHz CH1412

WCDMA 1700 Right Cheek Low

Date/Time: 2011-8-5 10:37:31

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0 °C Liquid Temperature: 22.5 °C

Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.652 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

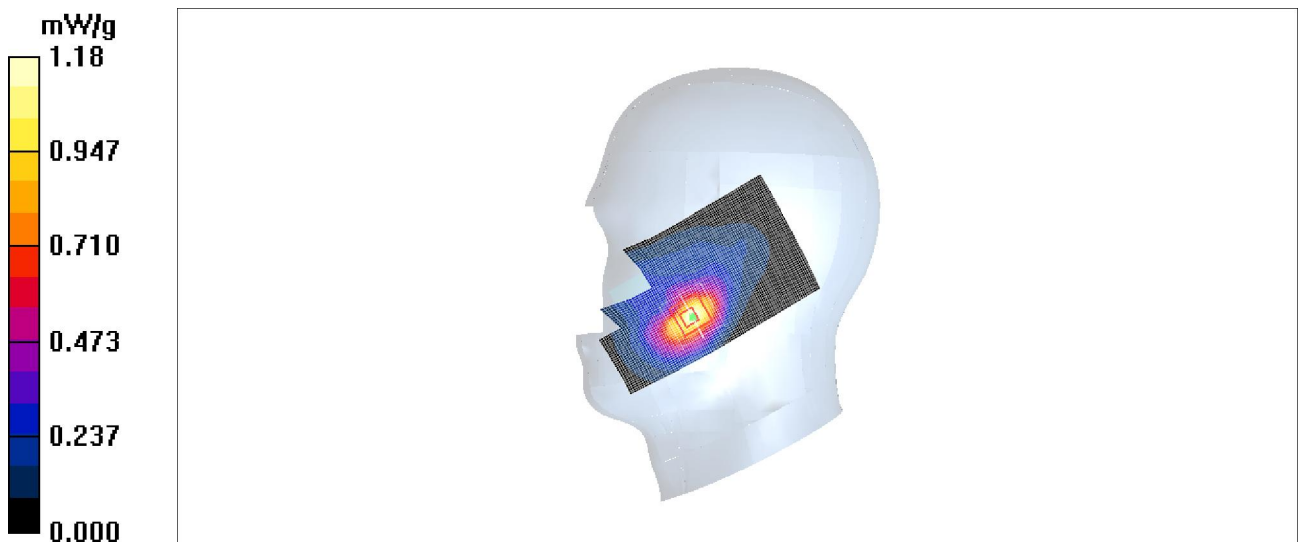


Fig. 33 1700 MHz CH1312

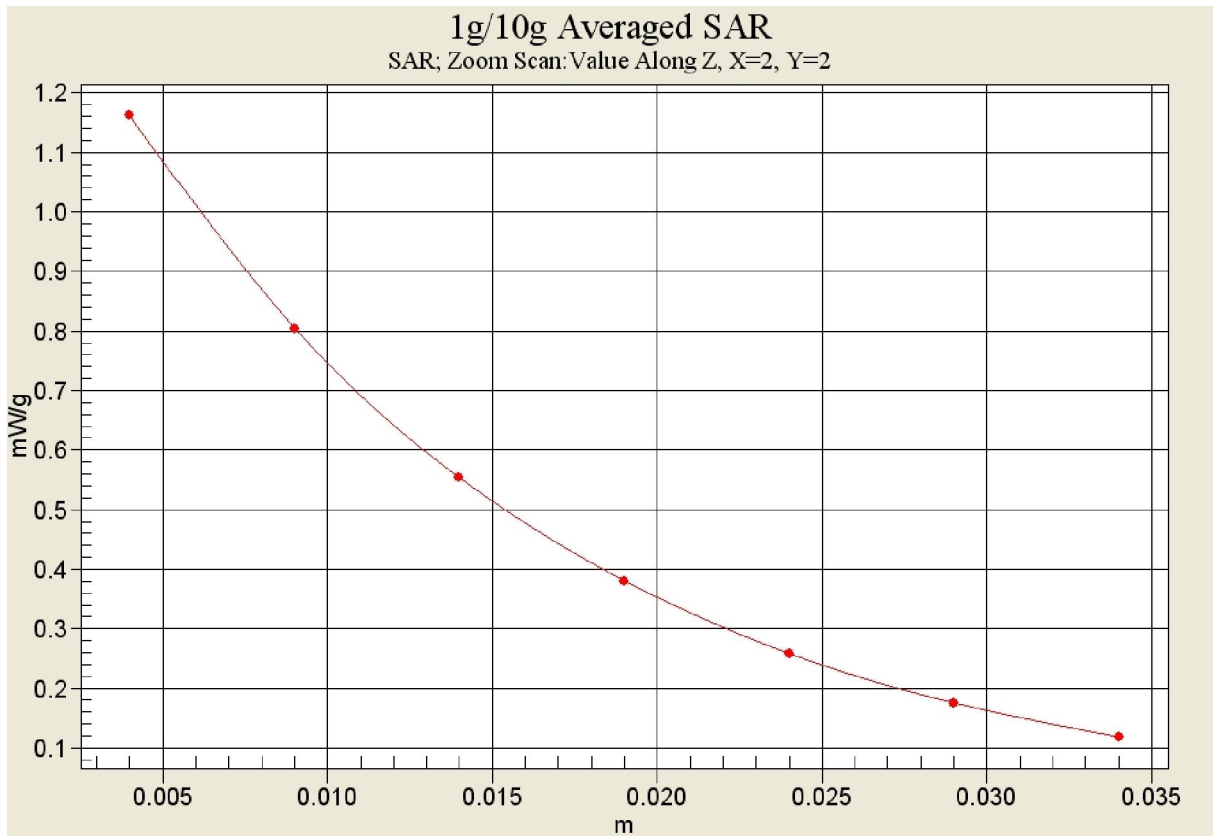


Fig. 33-1 Z-Scan at power reference point (1700 MHz CH1312)

WCDMA 1700 Right Tilt High

Date/Time: 2011-8-5 10:54:05

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0 °C Liquid Temperature: 22.5 °C

Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.219 mW/g

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

Reference Value = 11.6 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.198 mW/g

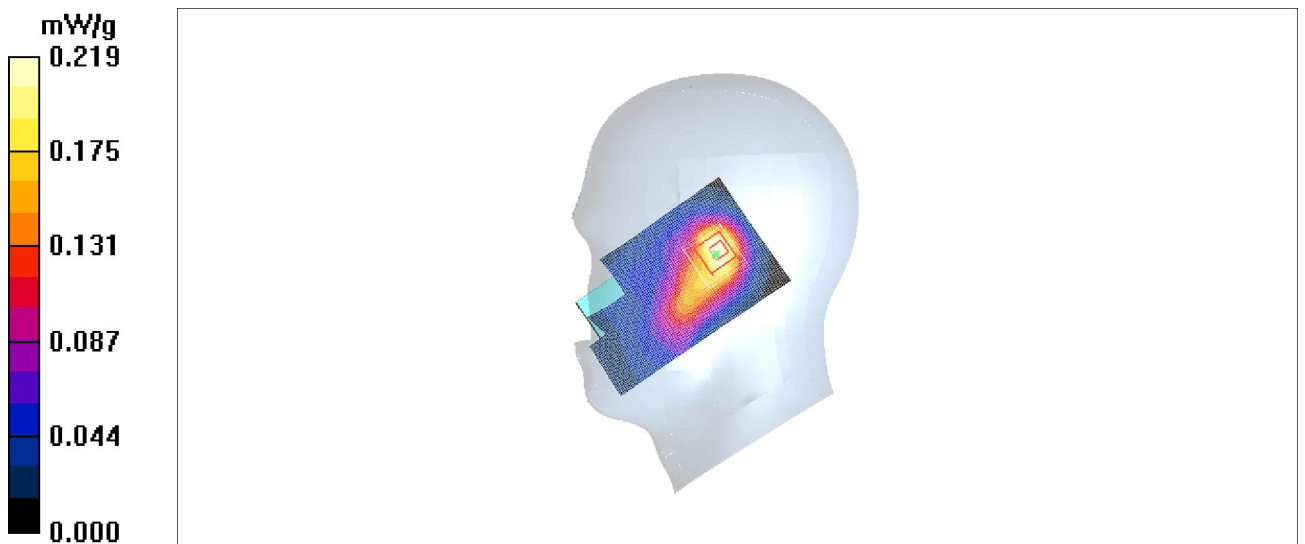


Fig.34 1700 MHz CH1513

WCDMA 1700 Right Tilt Middle

Date/Time: 2011-8-5 11:11:54

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0 °C Liquid Temperature: 22.5 °C

Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.215 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.196 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.213 mW/g

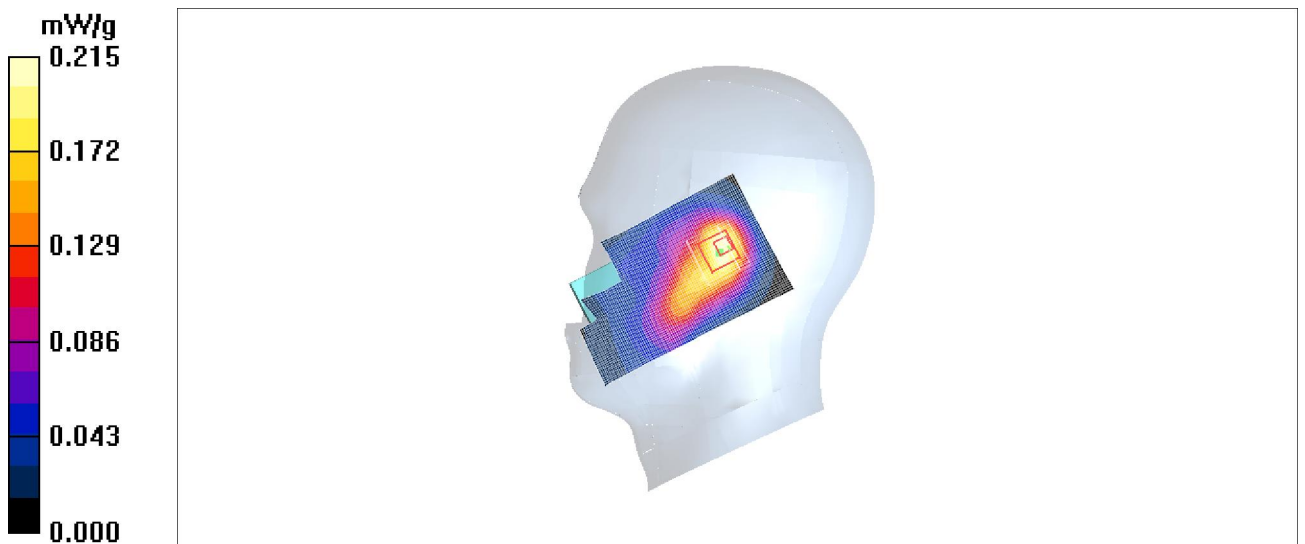


Fig.35 1700 MHz CH1412

WCDMA 1700 Right Tilt Low

Date/Time: 2011-8-5 11:28:08

Electronics: DAE4 Sn771

Medium: Head 1800 MHz

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0 °C Liquid Temperature: 22.5 °C

Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.228 mW/g

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

Reference Value = 12.1 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.221 mW/g

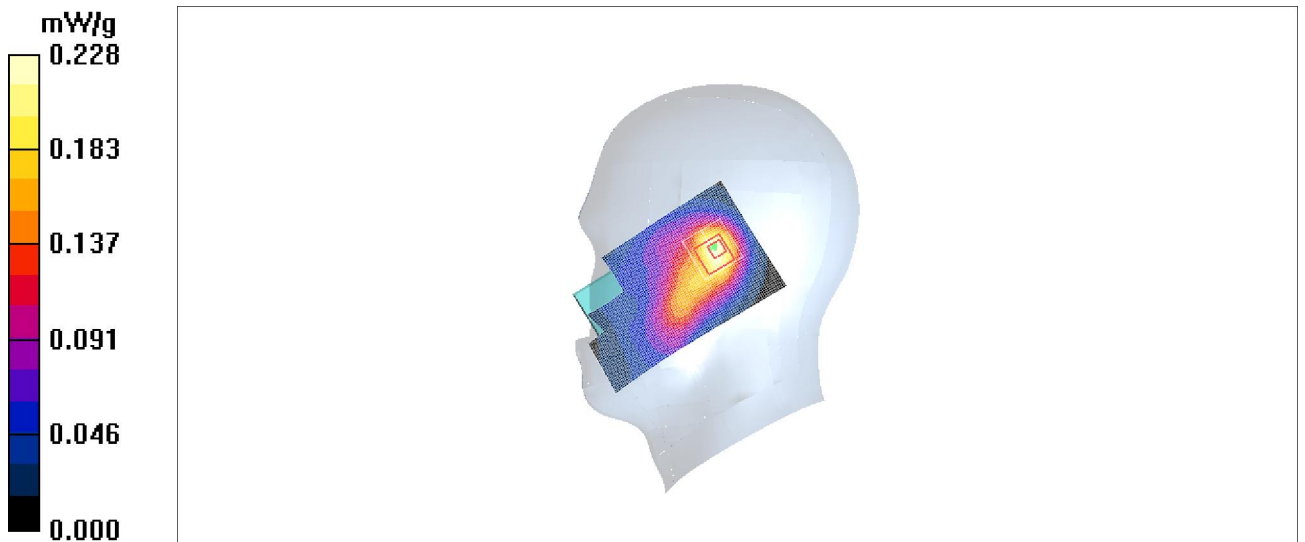


Fig. 36 1700 MHz CH1312

850 Body Towards Phantom High with GPRS

Date/Time: 2011-8-3 13:14:22

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.943 mW/g

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

Reference Value = 30.8 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.898 mW/g; SAR(10 g) = 0.664 mW/g

Maximum value of SAR (measured) = 0.946 mW/g

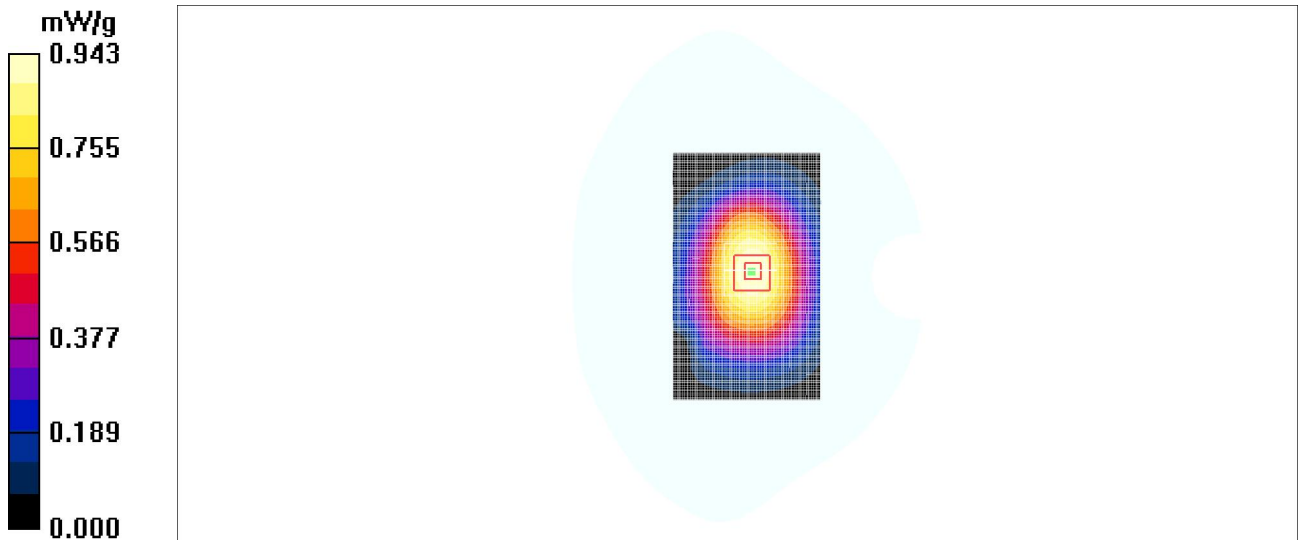


Fig. 37 850 MHz CH251

850 Body Towards Phantom Middle with GPRS

Date/Time: 2011-8-3 13:31:41

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.903 mW/g

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

Reference Value = 30.1 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.638 mW/g

Maximum value of SAR (measured) = 0.898 mW/g

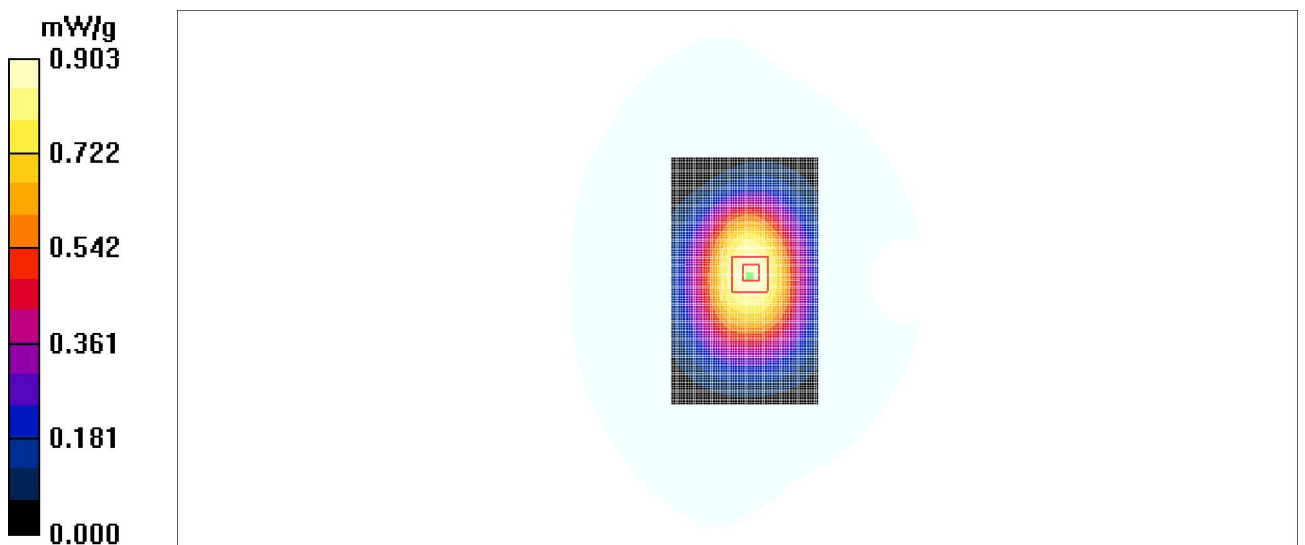


Fig. 38 850 MHz CH190

850 Body Towards Phantom Low with GPRS

Date/Time: 2011-8-3 13:50:05

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.904 mW/g

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

Reference Value = 30.2 V/m ; Power Drift = 0.062 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.865 mW/g ; SAR(10 g) = 0.641 mW/g

Maximum value of SAR (measured) = 0.914 mW/g

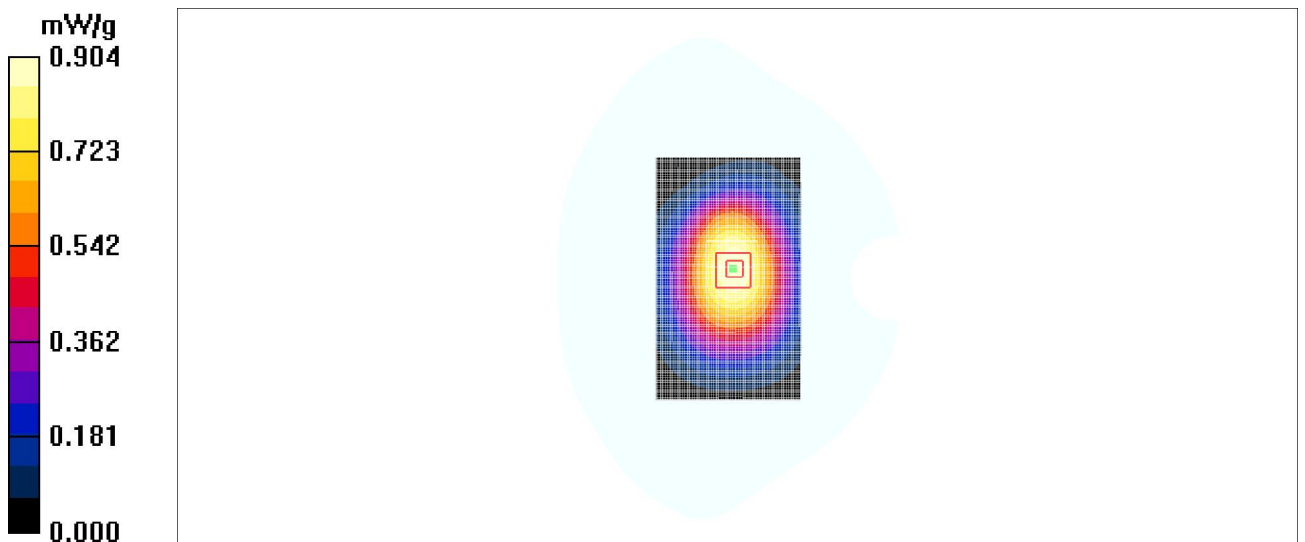


Fig. 39 850 MHz CH128

850 Body Towards Ground High with GPRS

Date/Time: 2011-8-3 14:18:24

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.23 mW/g

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

Reference Value = 34.5 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.851 mW/g

Maximum value of SAR (measured) = 1.21 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.5 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.657 mW/g

Maximum value of SAR (measured) = 1.12 mW/g

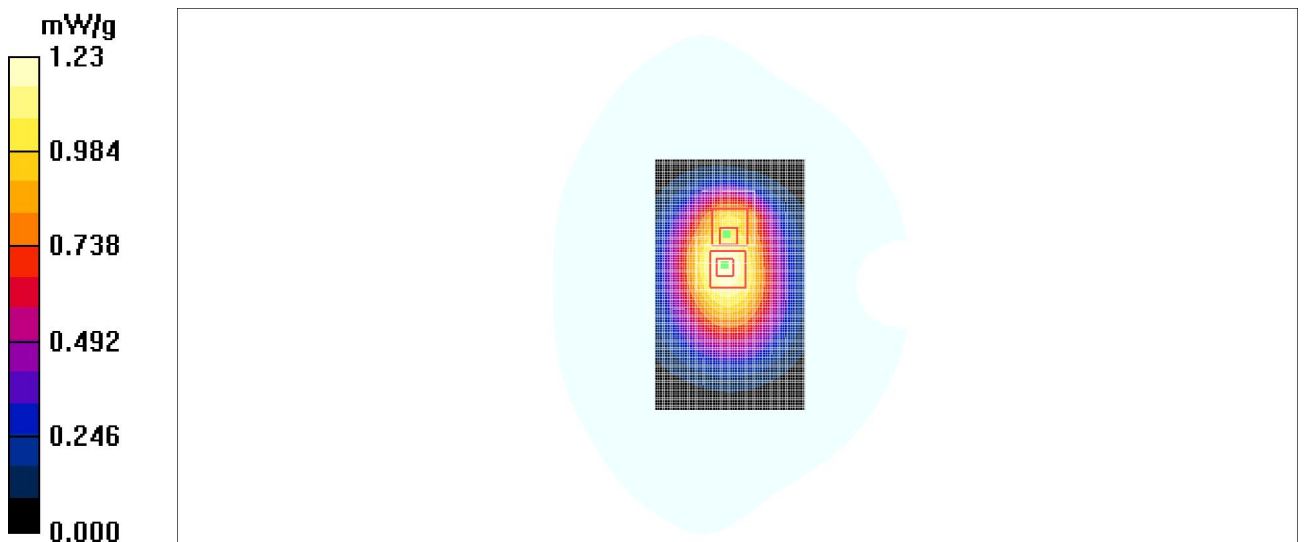


Fig. 40 850 MHz CH251

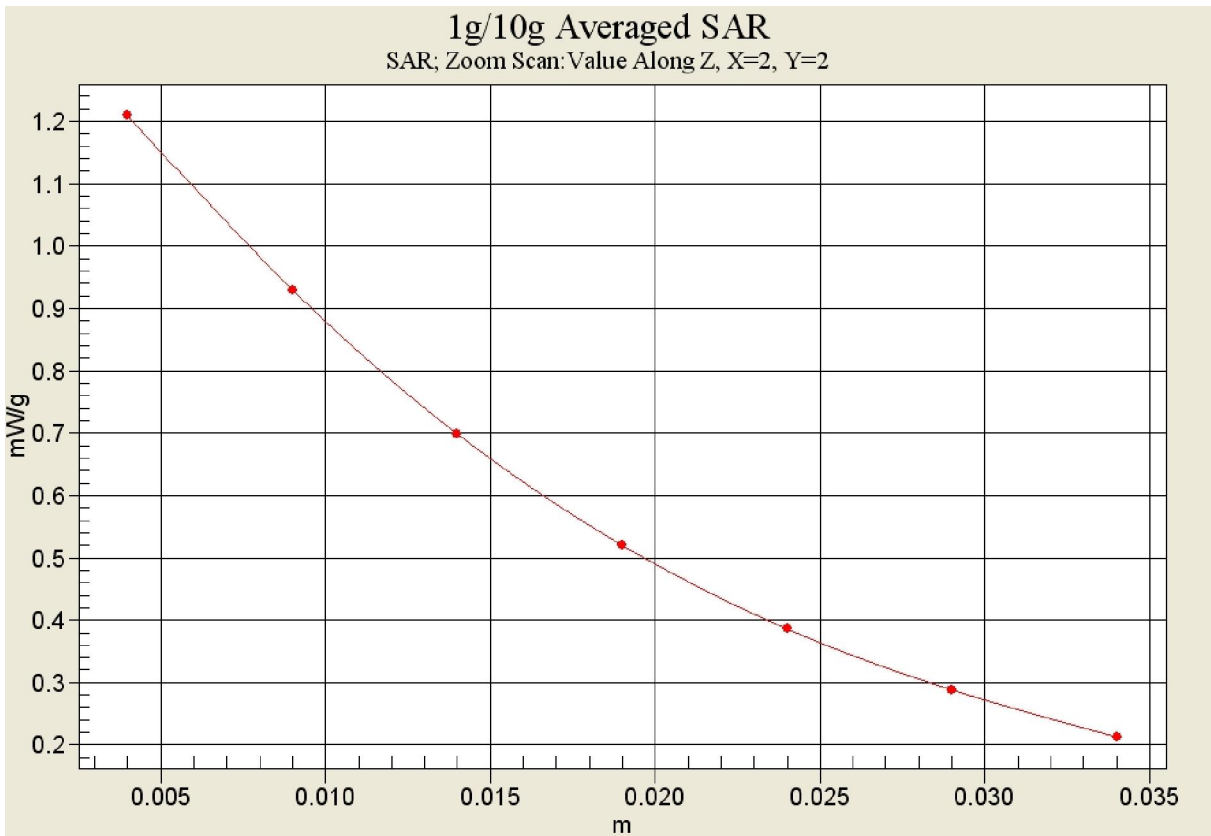


Fig. 40-1 Z-Scan at power reference point (850 MHz CH251)

850 Body Towards Ground Middle with GPRS

Date/Time: 2011-8-3 14:40:07

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.19 mW/g

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

Reference Value = 33.9 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.837 mW/g

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

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.9 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.655 mW/g

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

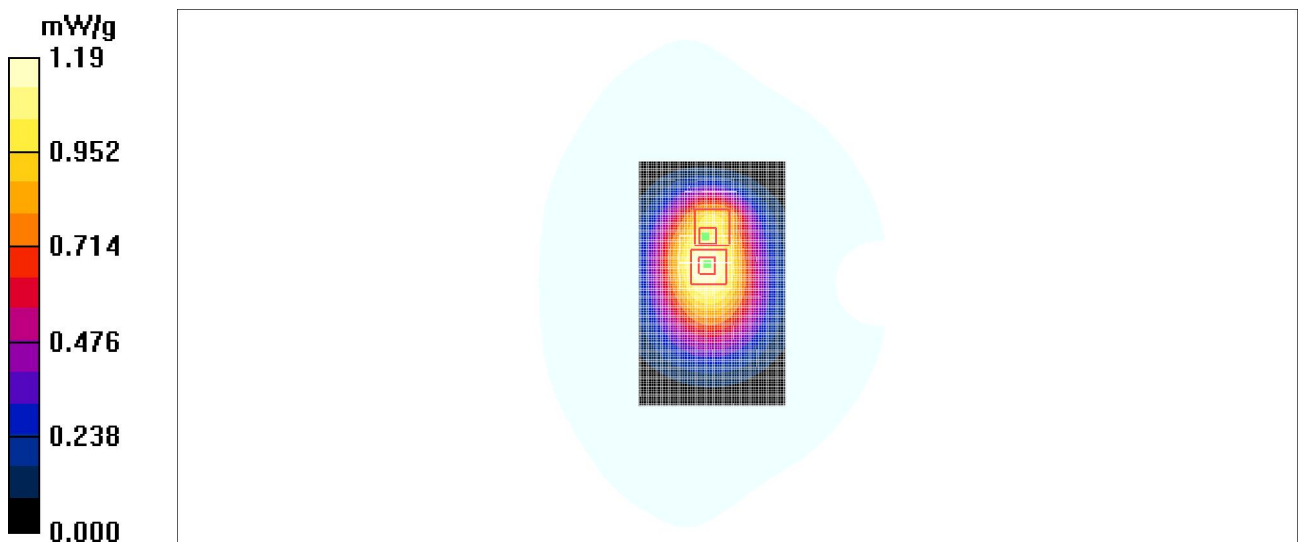


Fig. 41 850 MHz CH190

850 Body Towards Ground Low with GPRS

Date/Time: 2011-8-3 15:04:11

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground Low/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.21 mW/g

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

Reference Value = 34.2 V/m ; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.15 mW/g ; SAR(10 g) = 0.827 mW/g

Maximum value of SAR (measured) = 1.21 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.2 V/m ; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.970 mW/g ; SAR(10 g) = 0.656 mW/g

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

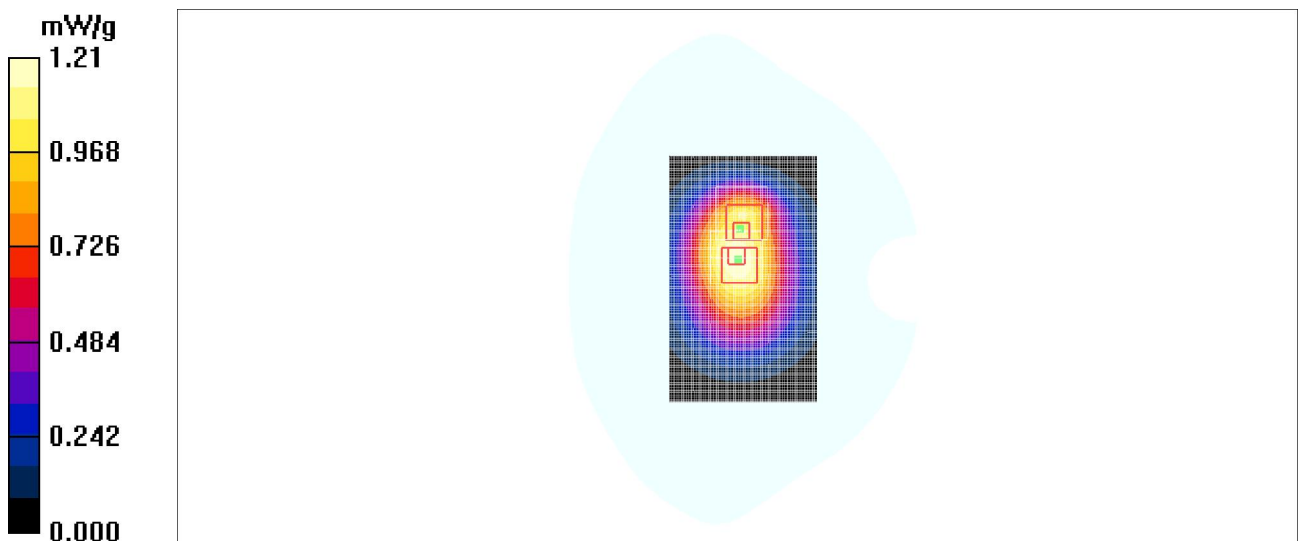


Fig. 42 850 MHz CH128

850 Body Left Side Low with GPRS

Date/Time: 2011-8-3 15:23:37

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Left Side Low/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.808 mW/g

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

Reference Value = 28.6 V/m ; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.738 mW/g ; SAR(10 g) = 0.503 mW/g

Maximum value of SAR (measured) = 0.787 mW/g

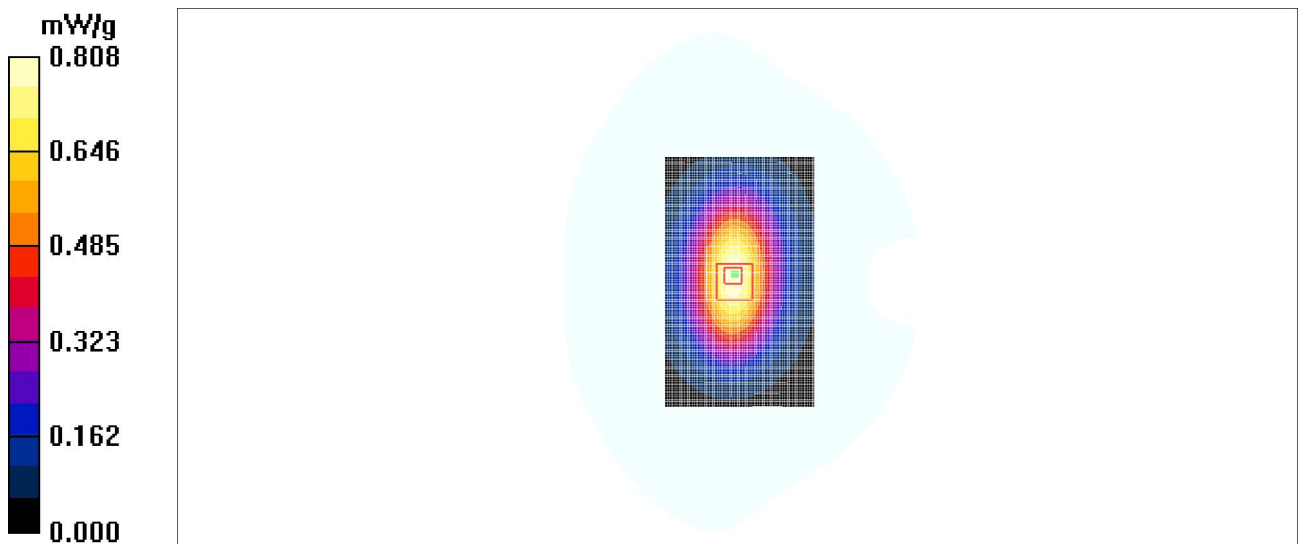


Fig. 43 850 MHz CH128

850 Body Right Side High with GPRS

Date/Time: 2011-8-3 15:43:50

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Right Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.02 mW/g

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

Reference Value = 32.1 V/m; Power Drift = 0.021 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.00 mW/g

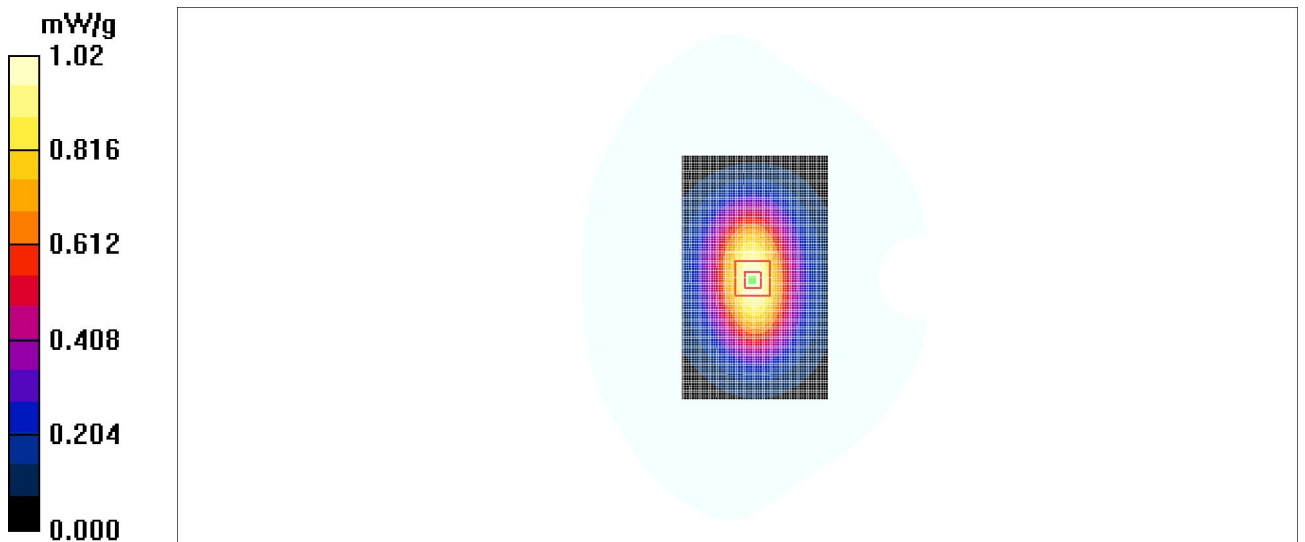


Fig. 44 850 MHz CH251

850 Body Right Side Middle with GPRS

Date/Time: 2011-8-3 16:02:17

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Right Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.952 mW/g

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

Reference Value = 31.2 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 0.948 mW/g

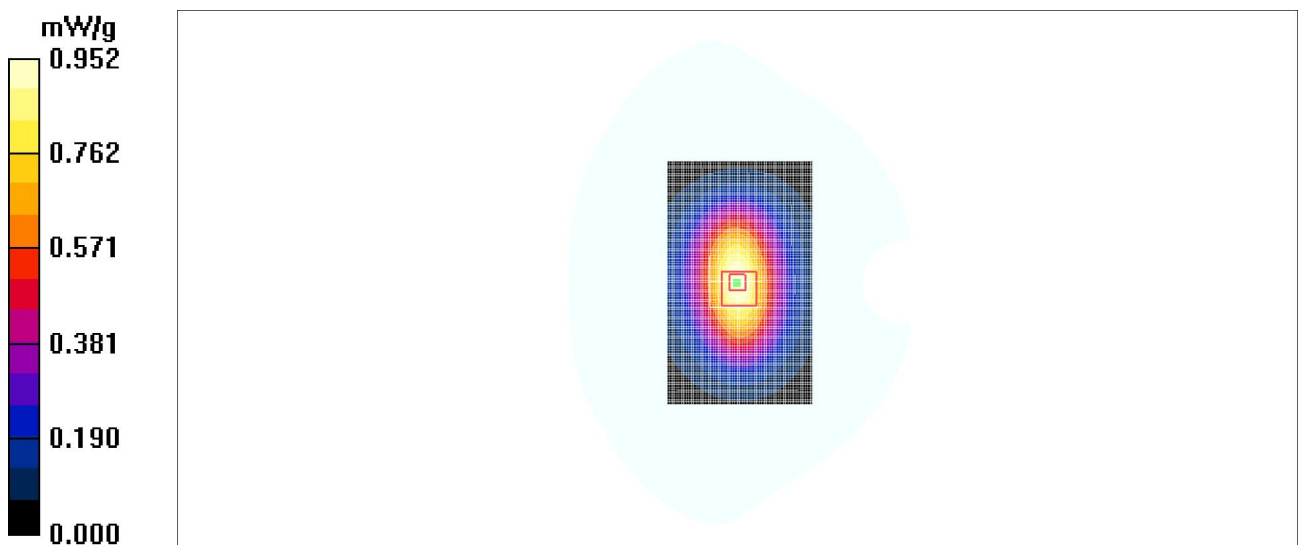


Fig. 45 850 MHz CH190

850 Body Right Side Low with GPRS

Date/Time: 2011-8-3 16:20:27

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Right Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.901 mW/g

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

Reference Value = 30.6 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.896 mW/g

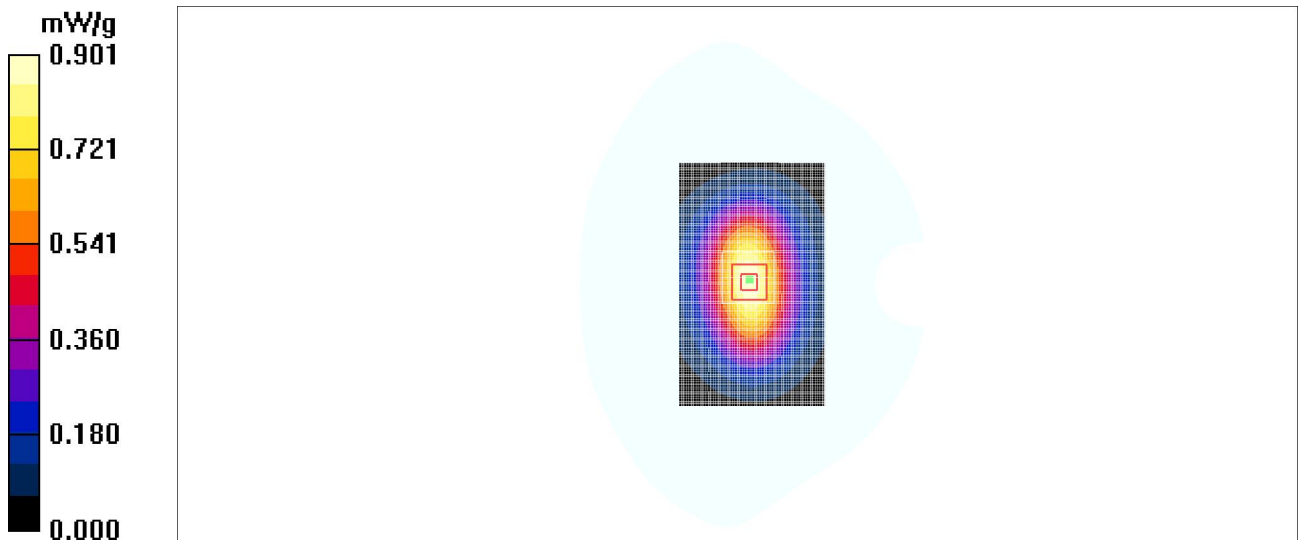


Fig. 46 850 MHz CH128

850 Body Bottom Side Low with GPRS

Date/Time: 2011-8-3 16:52:01

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Bottom Side Low/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.116 mW/g

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

Reference Value = 10.7 V/m ; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.107 mW/g ; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.116 mW/g

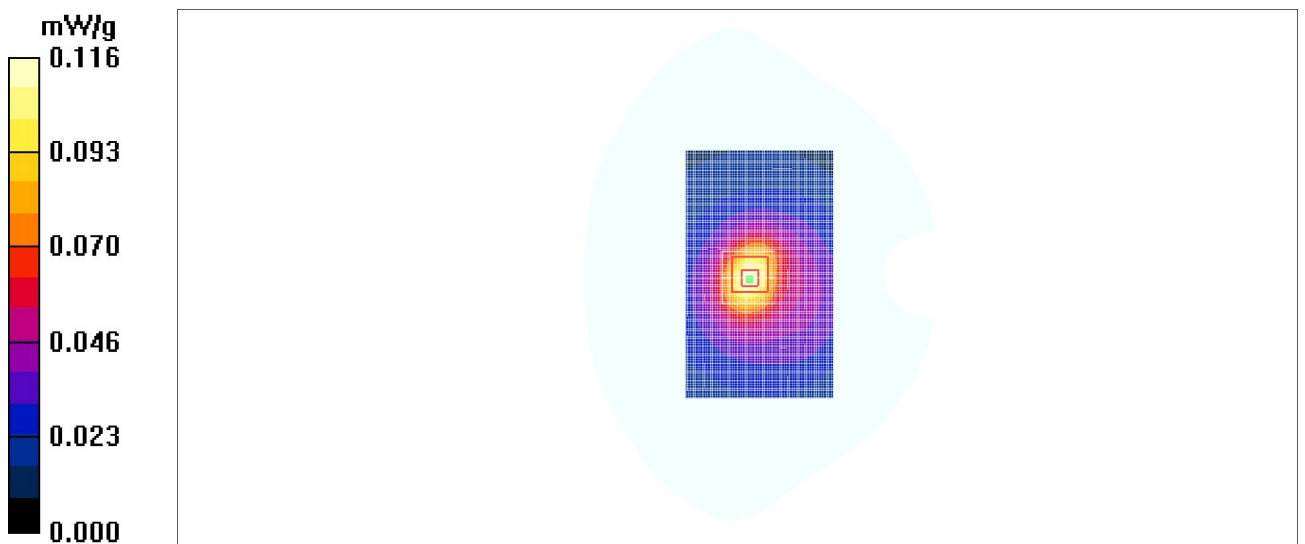


Fig. 47 850 MHz CH128

850 Body Towards Ground High with EGPRS

Date/Time: 2011-8-3 17:24:25

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

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

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.17 mW/g

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

Reference Value = 34.6 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.819 mW/g

Maximum value of SAR (measured) = 1.17 mW/g

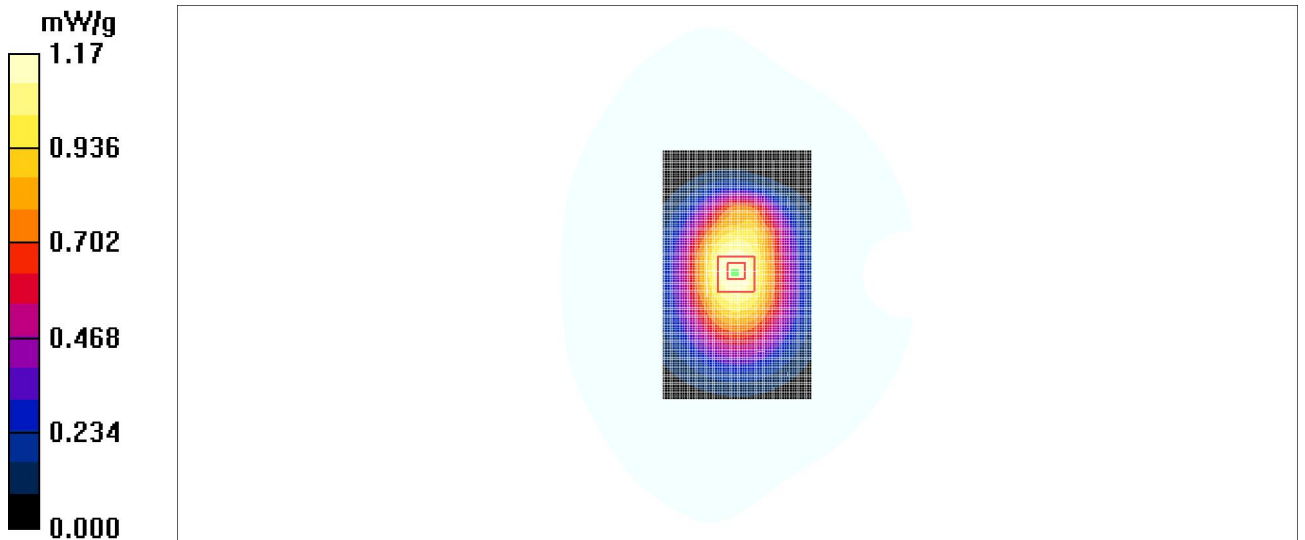


Fig. 48 850 MHz CH251

850 Body Towards Ground High with Headset_CCB3160A11C1

Date/Time: 2011-8-3 17:57:04

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.802 mW/g

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

Reference Value = 27.7 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.991 W/kg

SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.559 mW/g

Maximum value of SAR (measured) = 0.805 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.955 W/kg

SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.467 mW/g

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

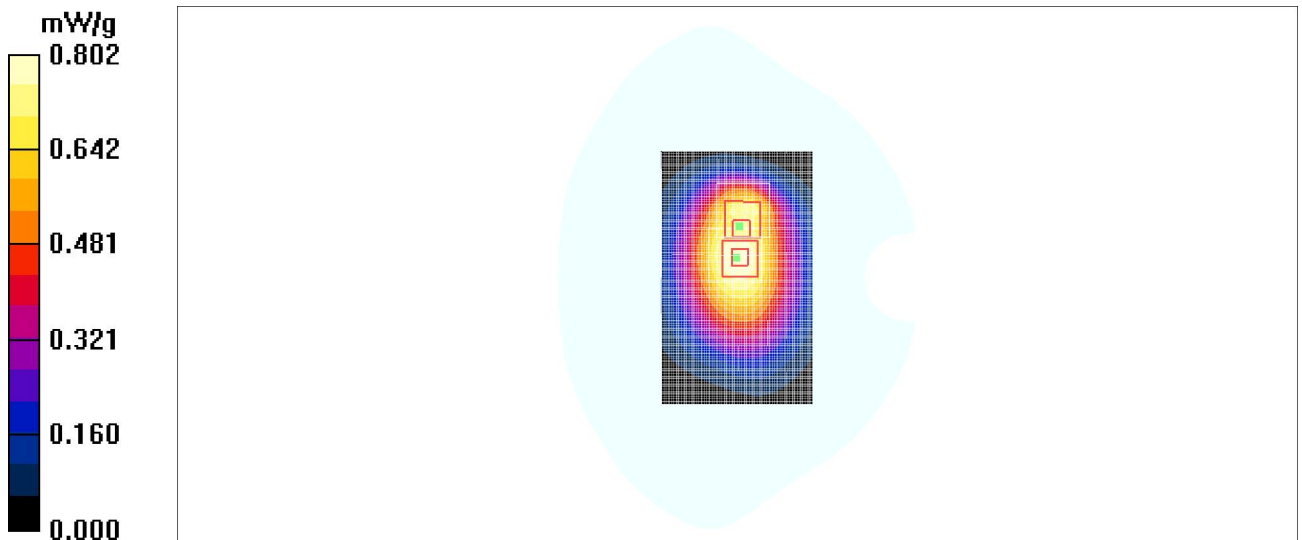


Fig. 49 850 MHz CH251

850 Body Towards Ground High with Headset_CCB3160A11C2

Date/Time: 2011-8-3 18:19:24

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 33.7 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.724 mW/g

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

Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.490 mW/g

Maximum value of SAR (measured) = 0.841 mW/g

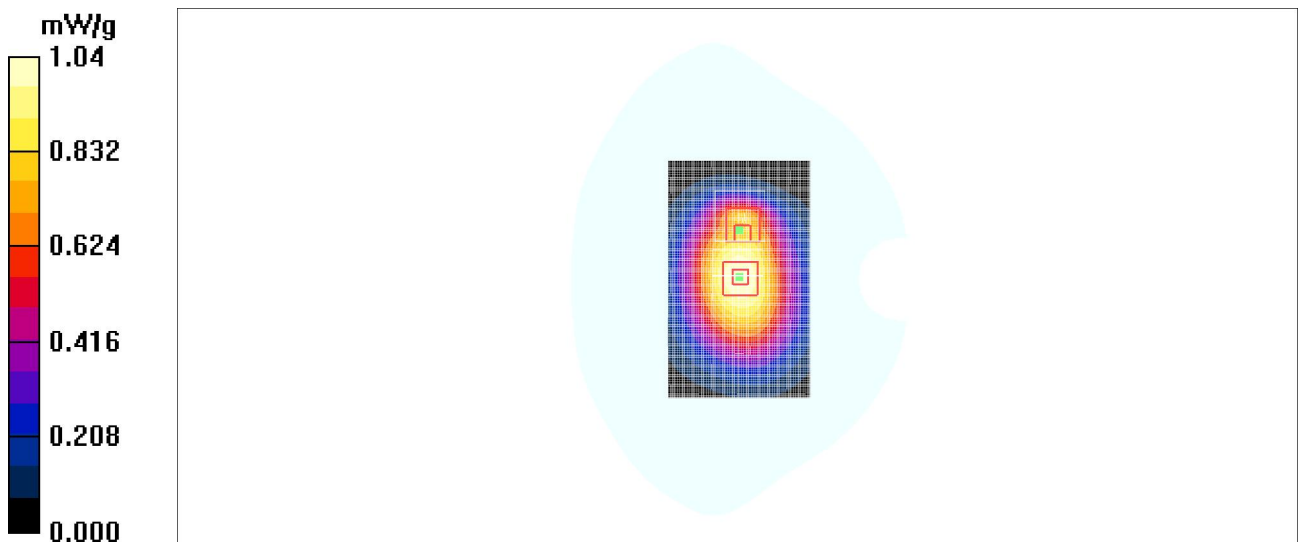


Fig. 50 850 MHz CH251

1900 Body Towards Phantom High with GPRS

Date/Time: 2011-8-4 13:08:01

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.577 mW/g

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

Reference Value = 8.46 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.562 mW/g

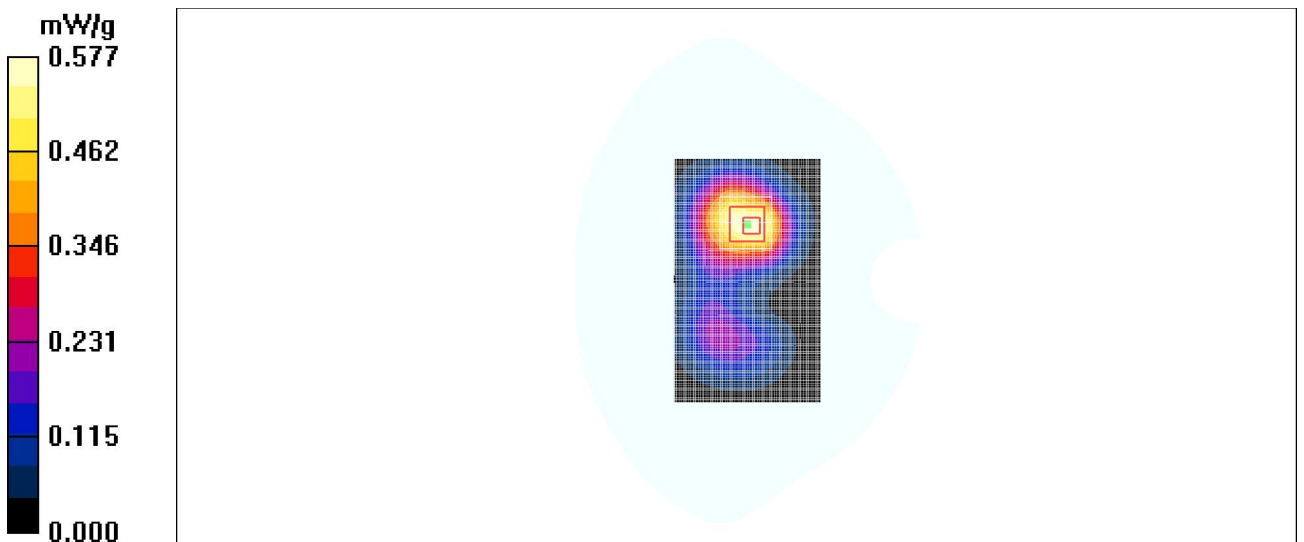


Fig. 51 1900 MHz CH810

1900 Body Towards Ground High with GPRS

Date/Time: 2011-8-4 13:30:25

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.639 mW/g

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

Reference Value = 4.93 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.993 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.651 mW/g

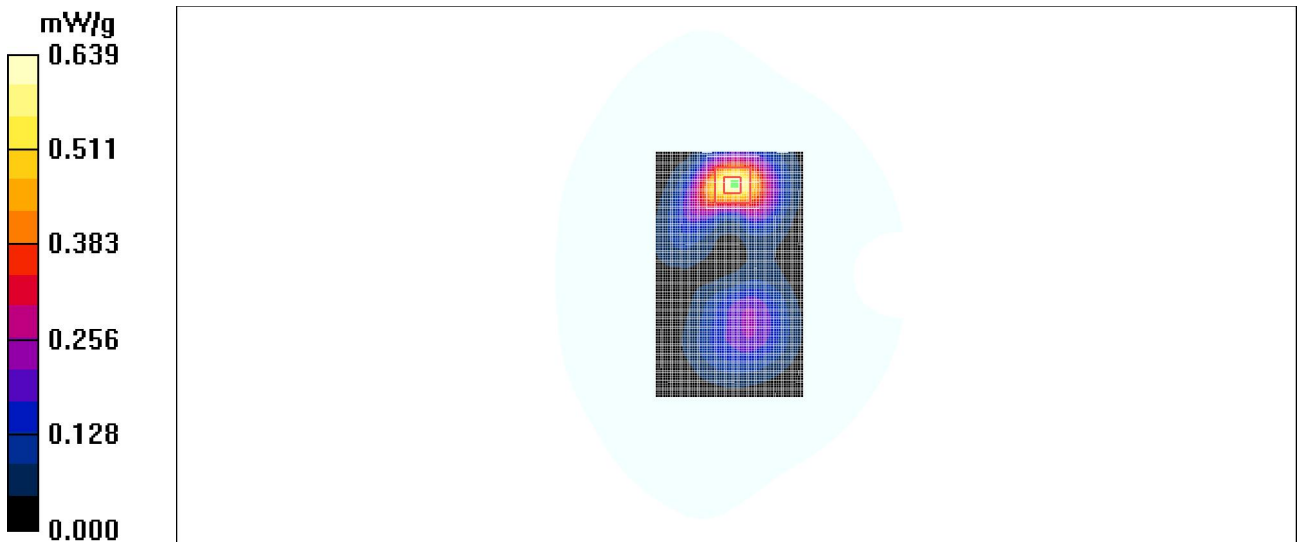


Fig. 52 1900 MHz CH810

1900 Body Left Side High with GPRS

Date/Time: 2011-8-4 13:52:08

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Left Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.134 mW/g

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

Reference Value = 6.39 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.131 mW/g

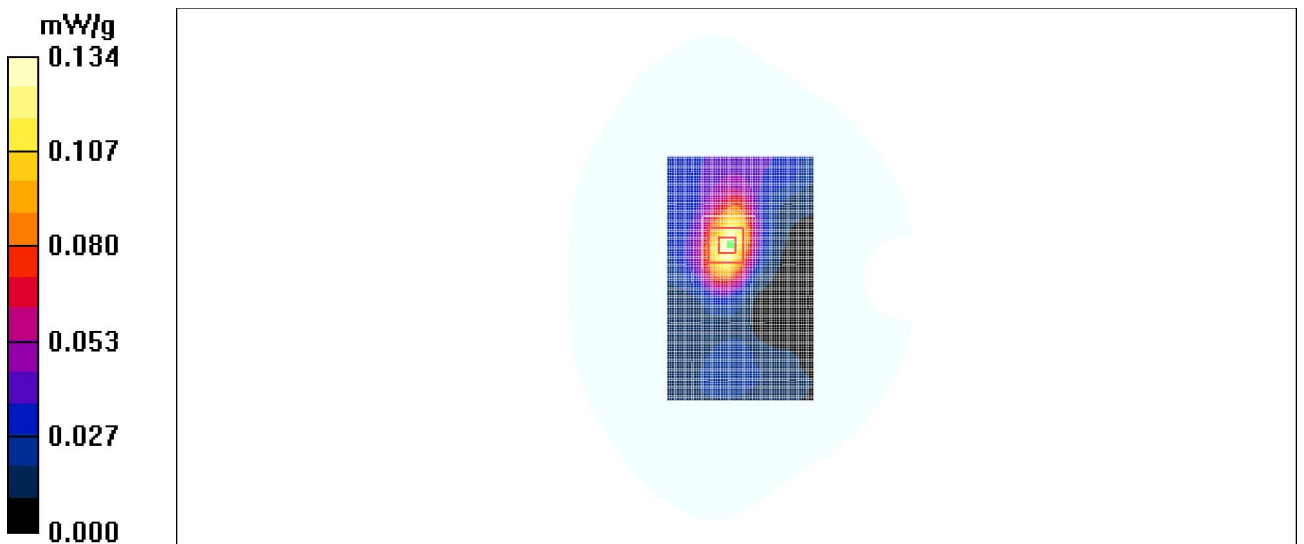


Fig. 53 1900 MHz CH810

1900 Body Right Side High with GPRS

Date/Time: 2011-8-4 14:17:28

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Right Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 7.90 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.229 mW/g

Right Side High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.90 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.207 mW/g

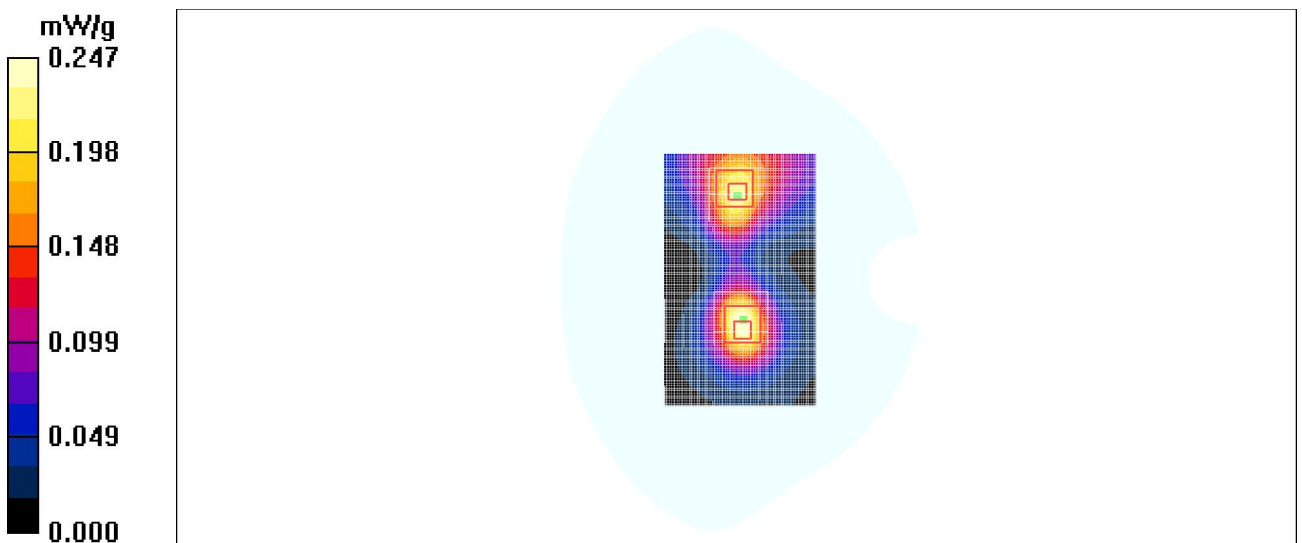


Fig. 54 1900 MHz CH810

1900 Body Bottom Side High with GPRS

Date/Time: 2011-8-4 14:39:20

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.704 mW/g

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

Reference Value = 20.1 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.346 mW/g

Maximum value of SAR (measured) = 0.698 mW/g

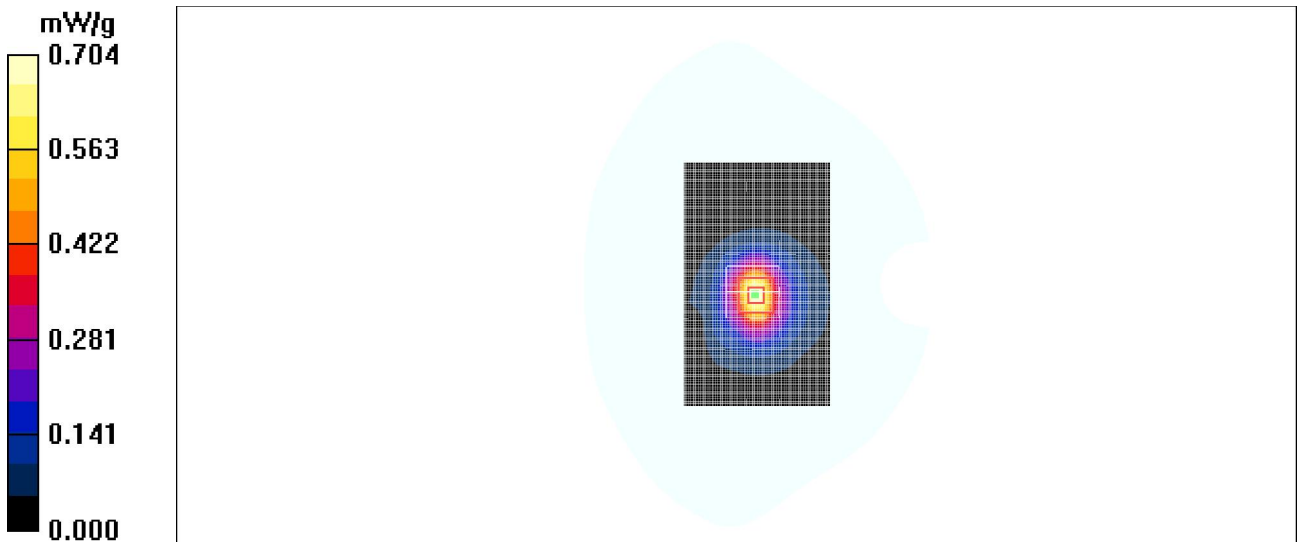


Fig. 55 1900 MHz CH810

1900 Body Bottom Side Middle with GPRS

Date/Time: 2011-8-4 14:58:16

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Bottom Side Middle/Area Scan (61x101x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.807 mW/g

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

Reference Value = 21.6 V/m ; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.726 mW/g ; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.811 mW/g

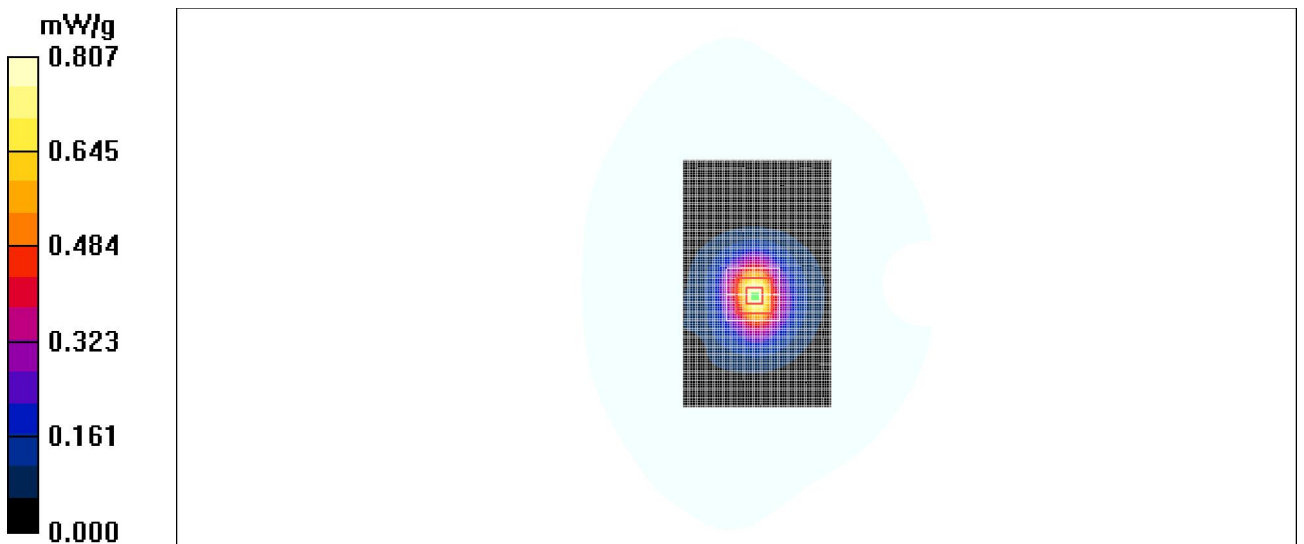


Fig. 56 1900 MHz CH661

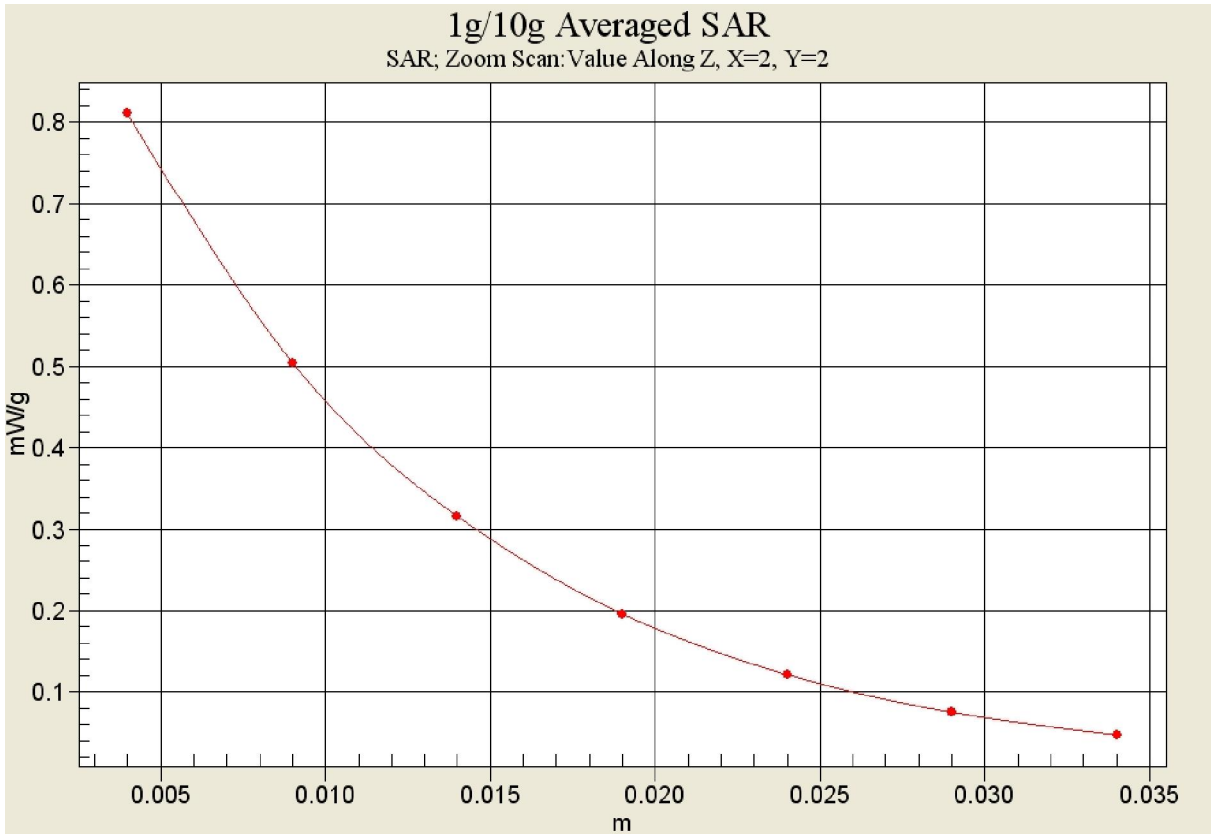


Fig. 56-1 Z-Scan at power reference point (1900 MHz CH661)

1900 Body Bottom Side Low with GPRS

Date/Time: 2011-8-4 15:20:44

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.0°C Liquid Temperature: 22.5°C

Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:2

Probe: ES3DV3 - SN3149 ConvF(4.68, 4.68, 4.68)

Bottom Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.771 mW/g

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

Reference Value = 21.2 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.386 mW/g

Maximum value of SAR (measured) = 0.772 mW/g

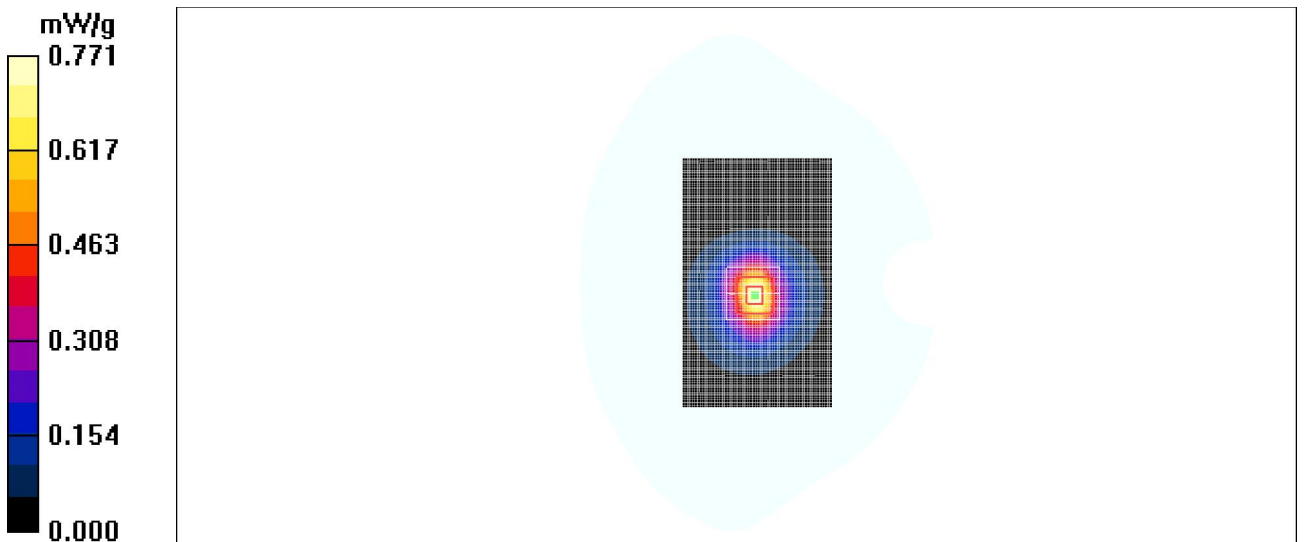


Fig. 57 1900 MHz CH512