WCDMA 850 Right Cheek High
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.899 mho/m; εr = 40.758; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.856 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.207 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.984 mW/g
SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.626 mW/g
Maximum value of SAR (measured) = 0.854 mW/g

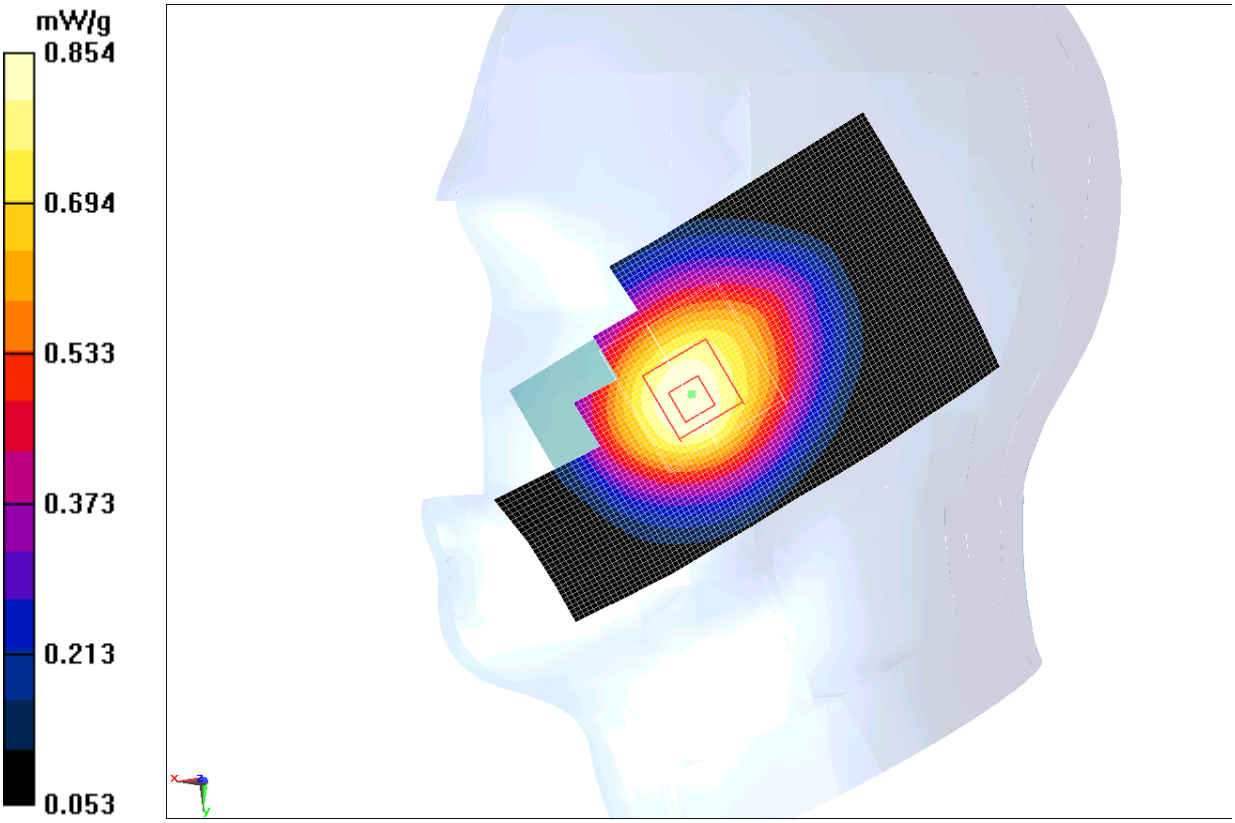

Fig. 51 WCDMA 850 CH4233

WCDMA 850 Right Cheek Middle
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.888 mho/m; εr = 40.925; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.749 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.500 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.858 mW/g
SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.552 mW/g
Maximum value of SAR (measured) = 0.750 mW/g

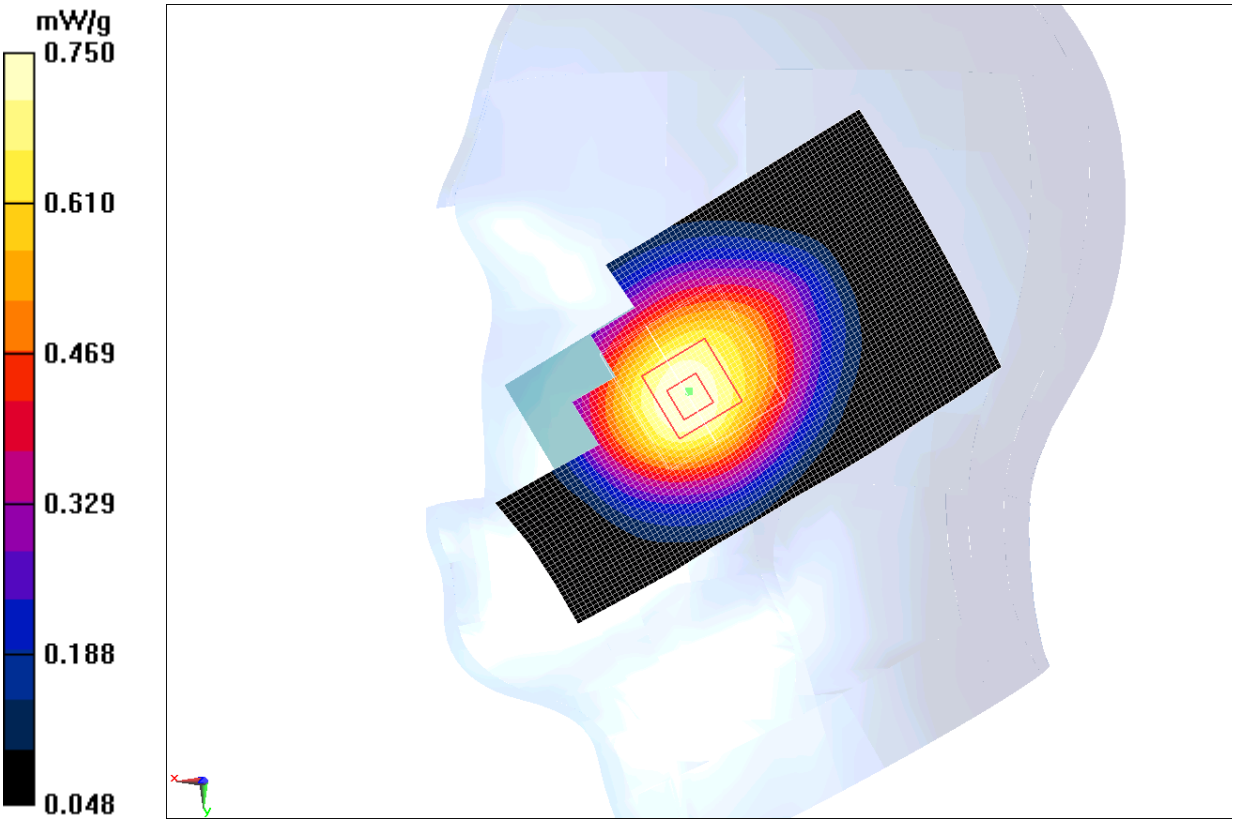

Fig. 52 WCDMA 850 CH4182

WCDMA 850 Right Cheek Low
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.879 mho/m; εr = 41.055; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.710 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.399 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.812 mW/g
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 0.710 mW/g

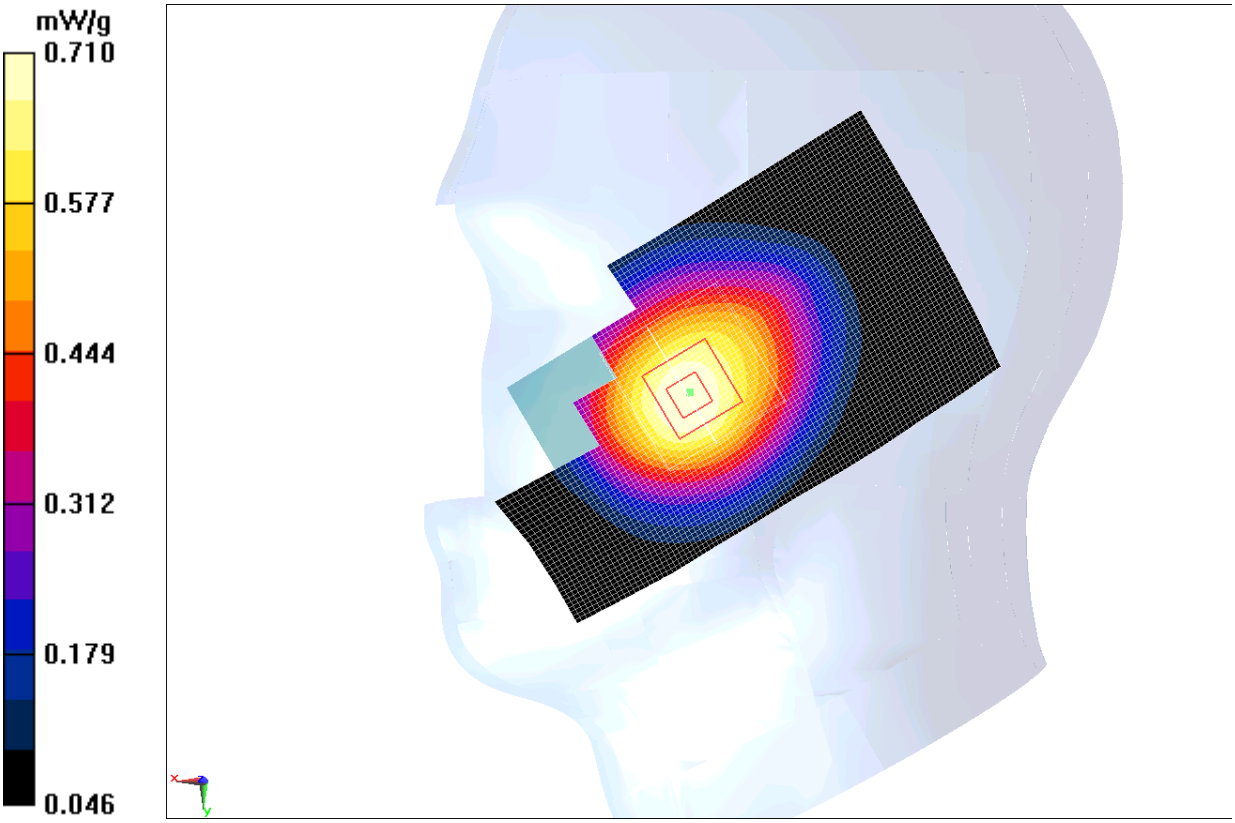

Fig. 53 WCDMA 850 CH4132

WCDMA 850 Right Tilt High
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.899 mho/m; εr = 40.758; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.473 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.244 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.557 mW/g
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.338 mW/g
Maximum value of SAR (measured) = 0.470 mW/g

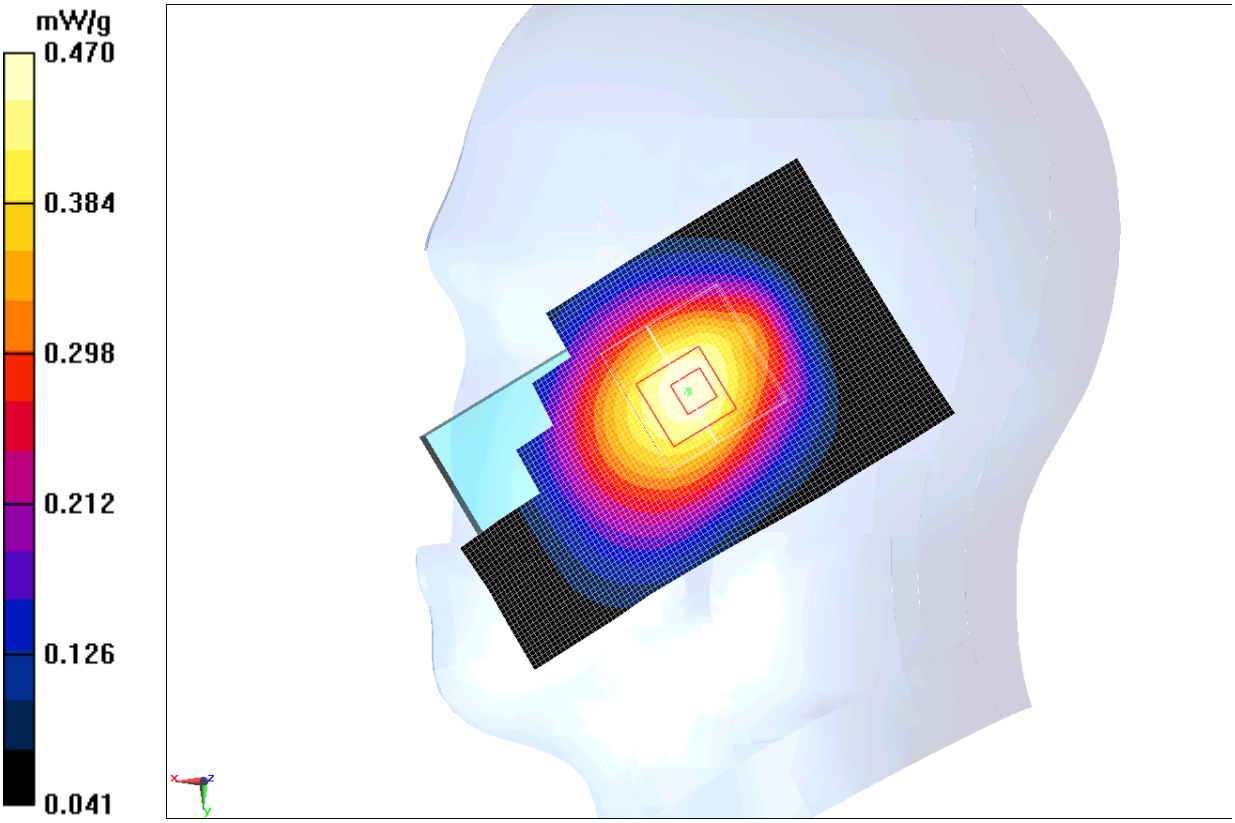

Fig. 54 WCDMA 850 CH4233

WCDMA 850 Right Tilt Middle
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.888 mho/m; εr = 40.925; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.438 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.884 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.509 mW/g
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.432 mW/g

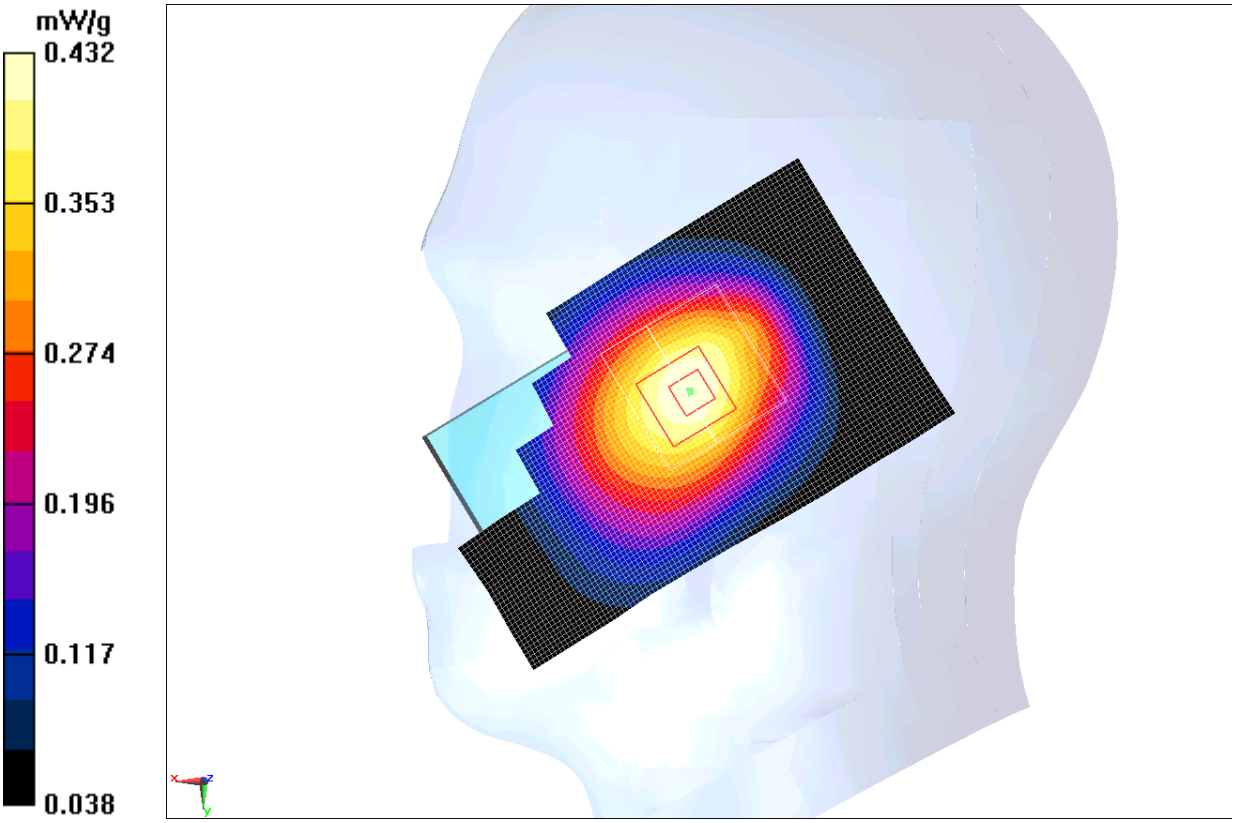

Fig. 55 WCDMA 850 CH4182

WCDMA 850 Right Tilt Low
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.879 mho/m; εr = 41.055; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.408 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.489 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.474 mW/g
SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.404 mW/g

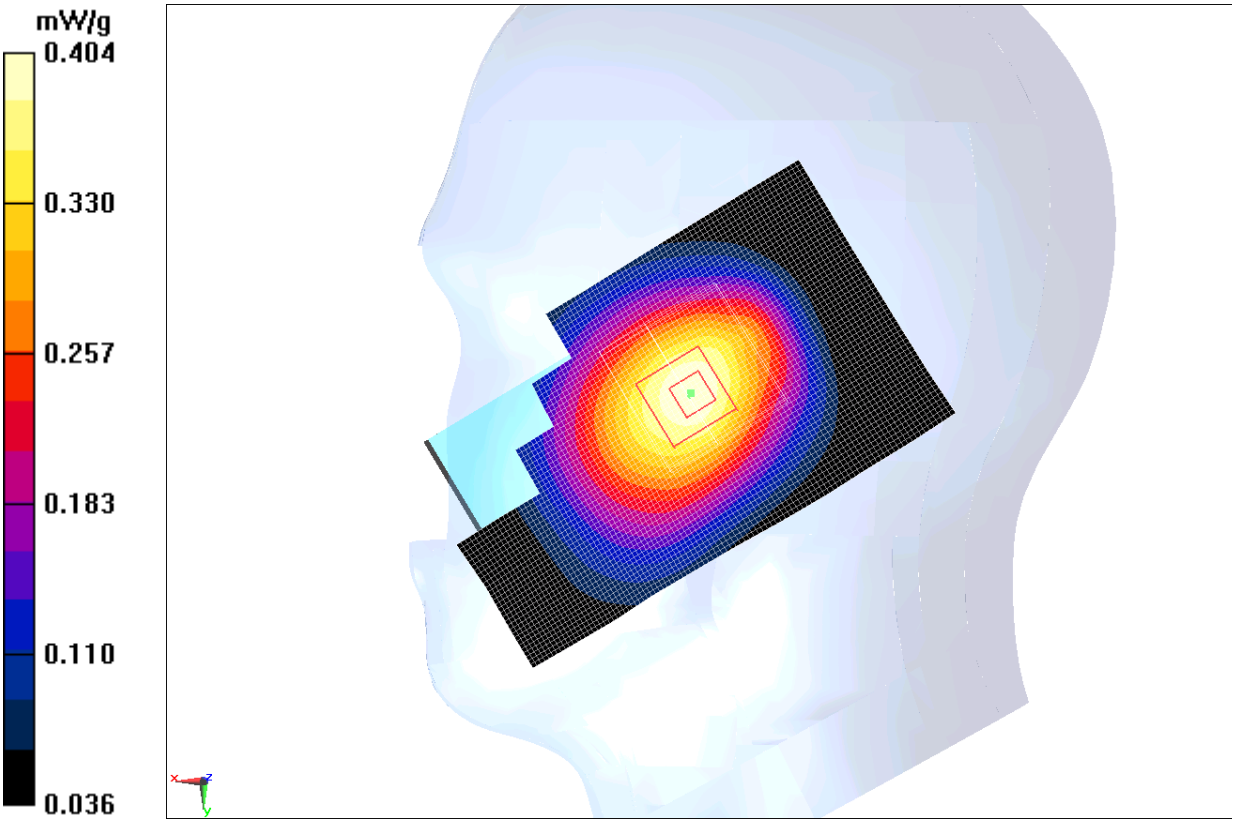

Fig. 56 WCDMA 850 CH4132

WCDMA 850 Body Towards Phantom Middle
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; εr = 54.558; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.785 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.238 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.944 mW/g
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.544 mW/g
Maximum value of SAR (measured) = 0.772 mW/g

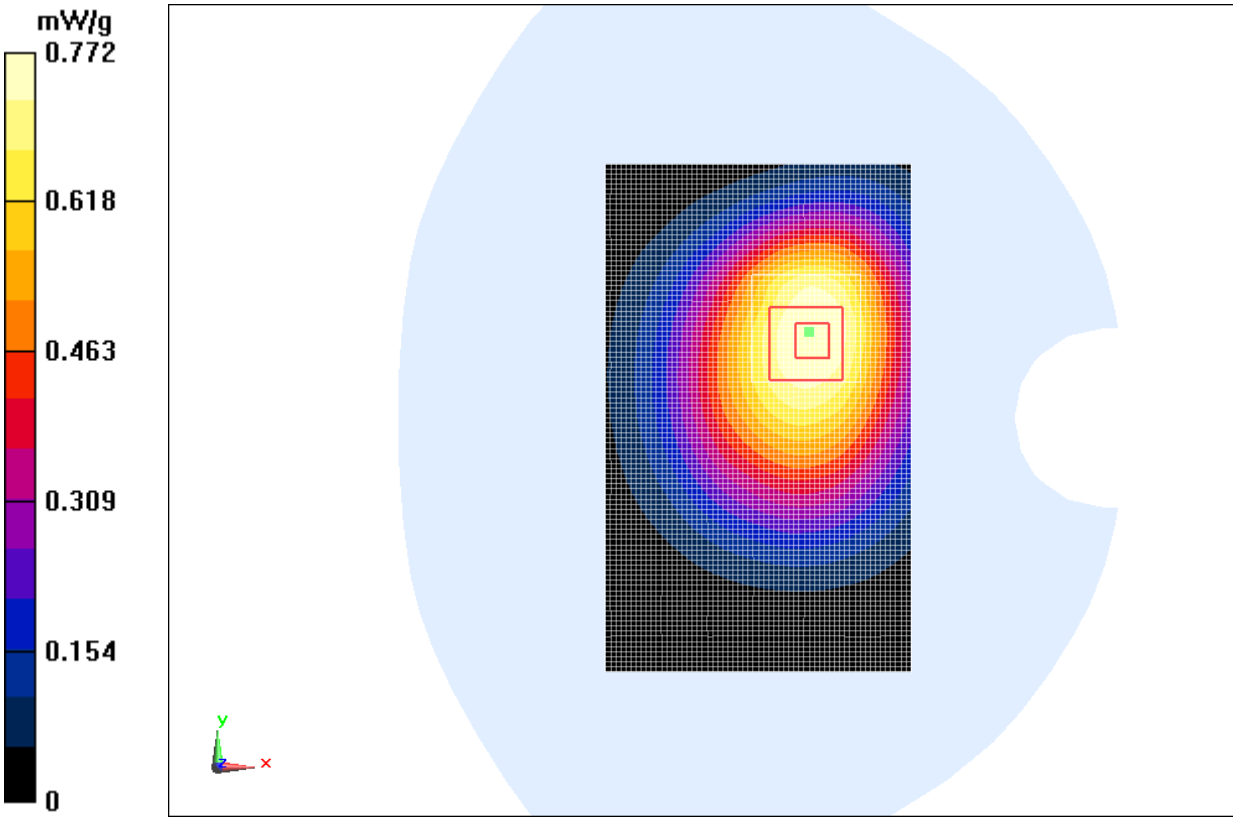

Fig. 57 WCDMA 850 CH4182

WCDMA 850 Body Towards Ground High

Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; εr = 54.465; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.995 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.384 mW/g
SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.698 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

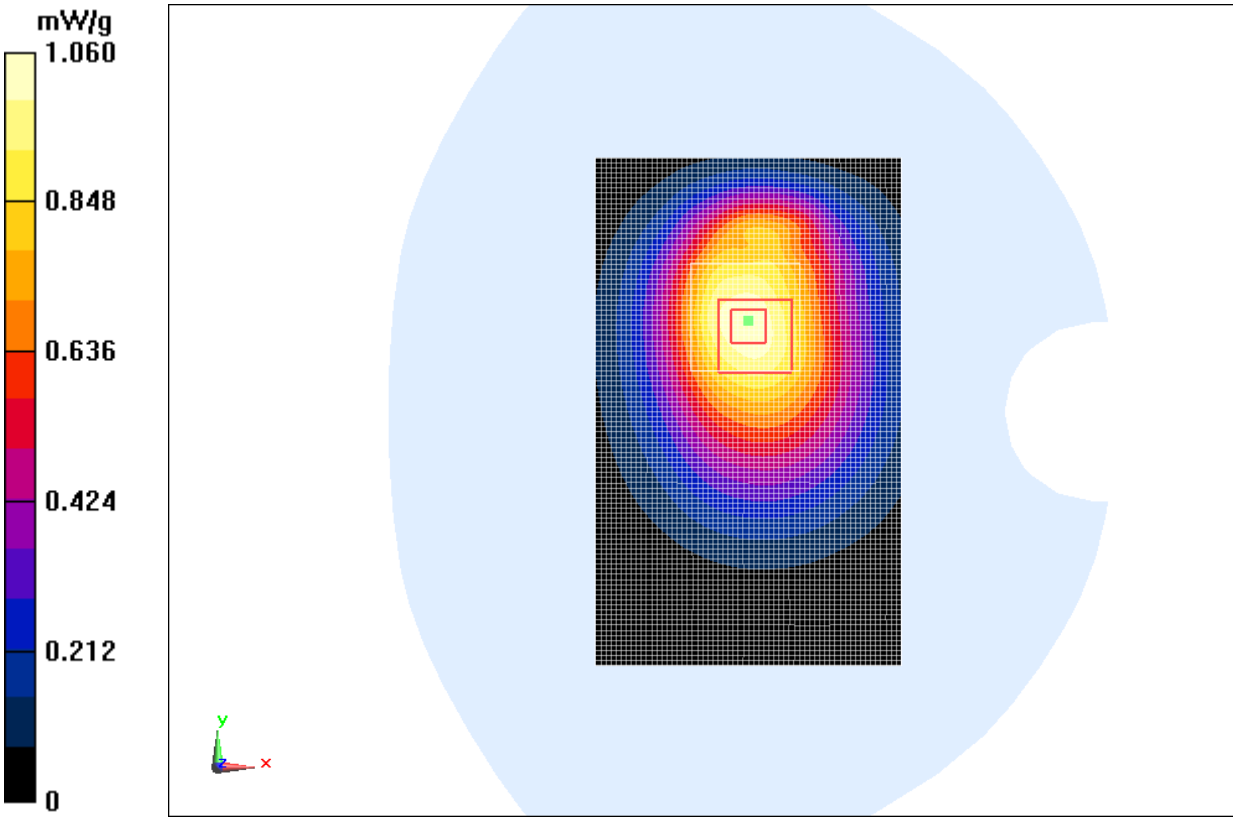

Fig. 58 WCDMA 850 CH4233

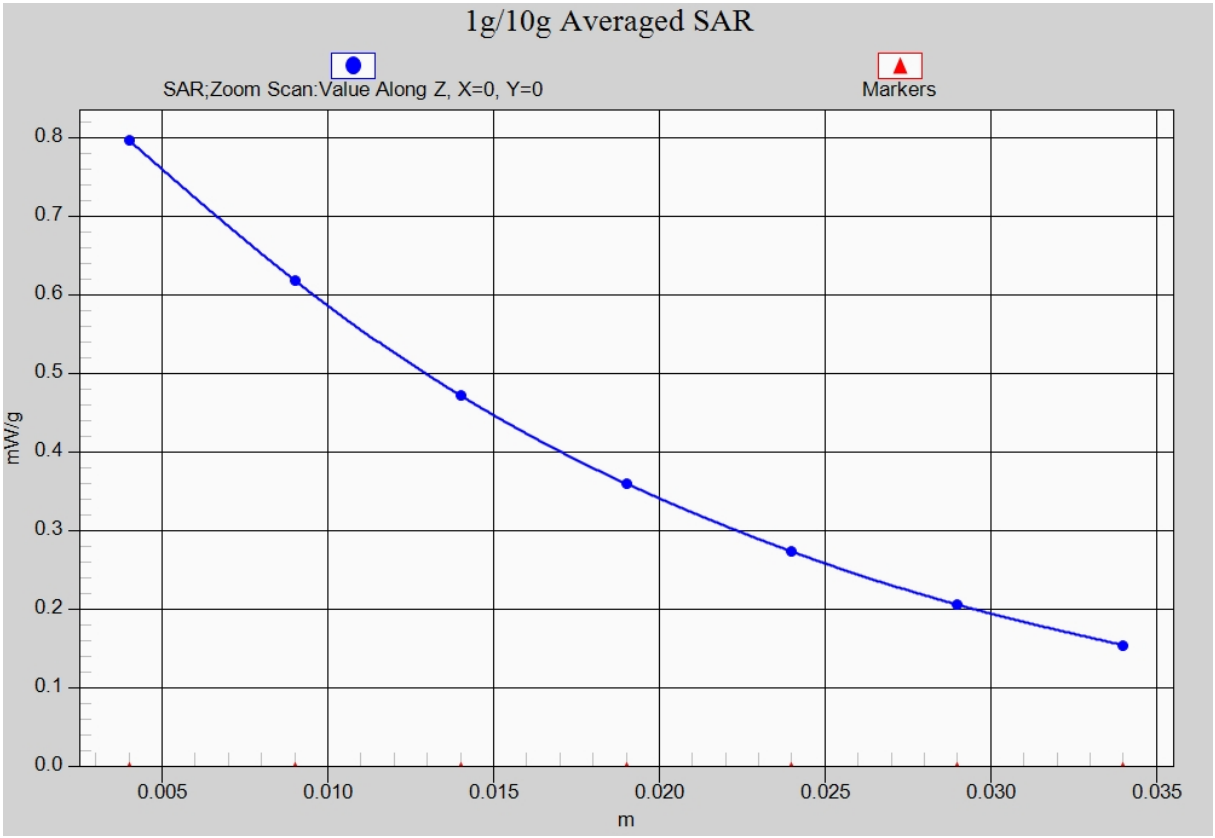

Fig. 58-1 Z-Scan at power reference point (WCDMA850 CH4233)

WCDMA 850 Body Towards Ground Middle
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; εr = 54.558; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.954 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.882 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.253 mW/g
SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.632 mW/g
Maximum value of SAR (measured) = 0.959 mW/g
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.882 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.191 mW/g
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.876 mW/g

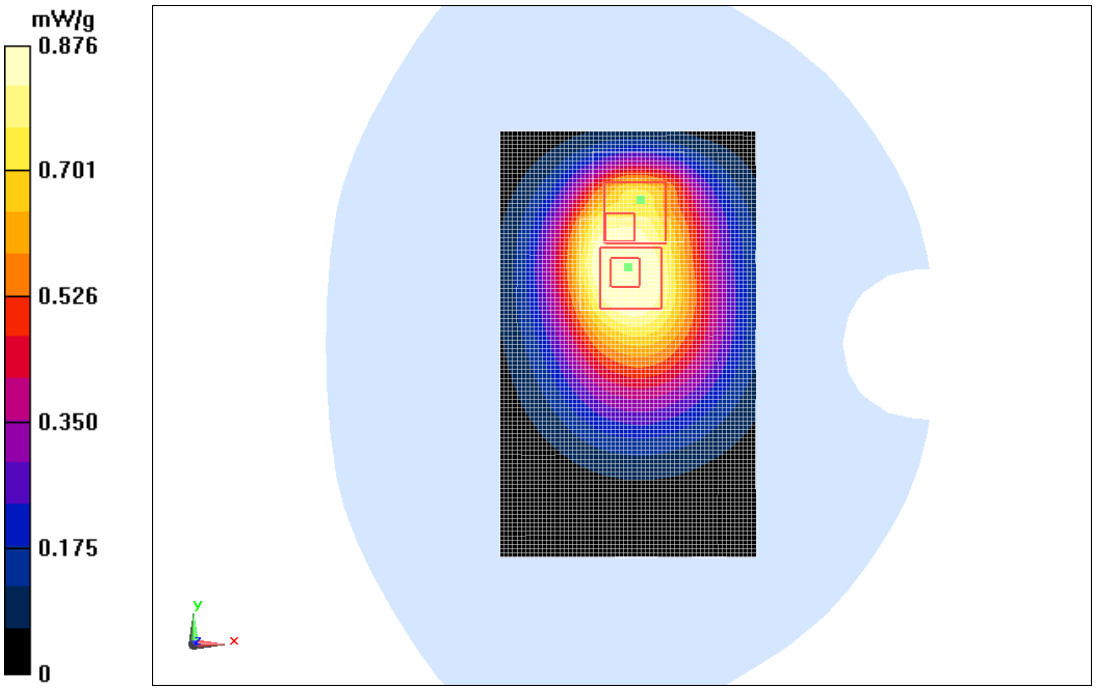

Fig. 59 WCDMA 850 CH4182

WCDMA 850 Body Towards Ground Low
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.979 mho/m; εr = 54.668; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

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

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.397 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.231 mW/g
SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.619 mW/g
Maximum value of SAR (measured) = 0.933 mW/g

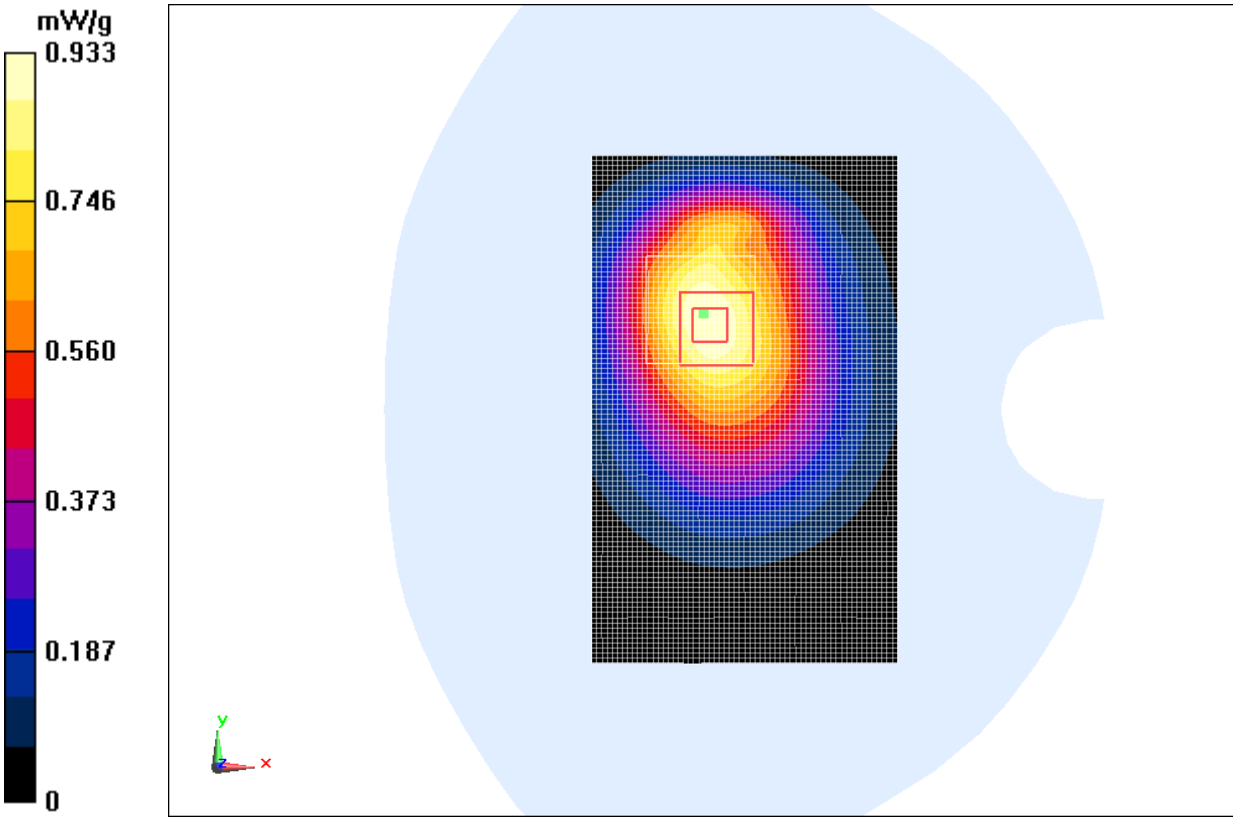

Fig. 60 WCDMA 850 CH4132

WCDMA 850 Body Left Side Middle
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; εr = 54.558; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Left Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Left Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.863 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.817 mW/g
SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.622 mW/g

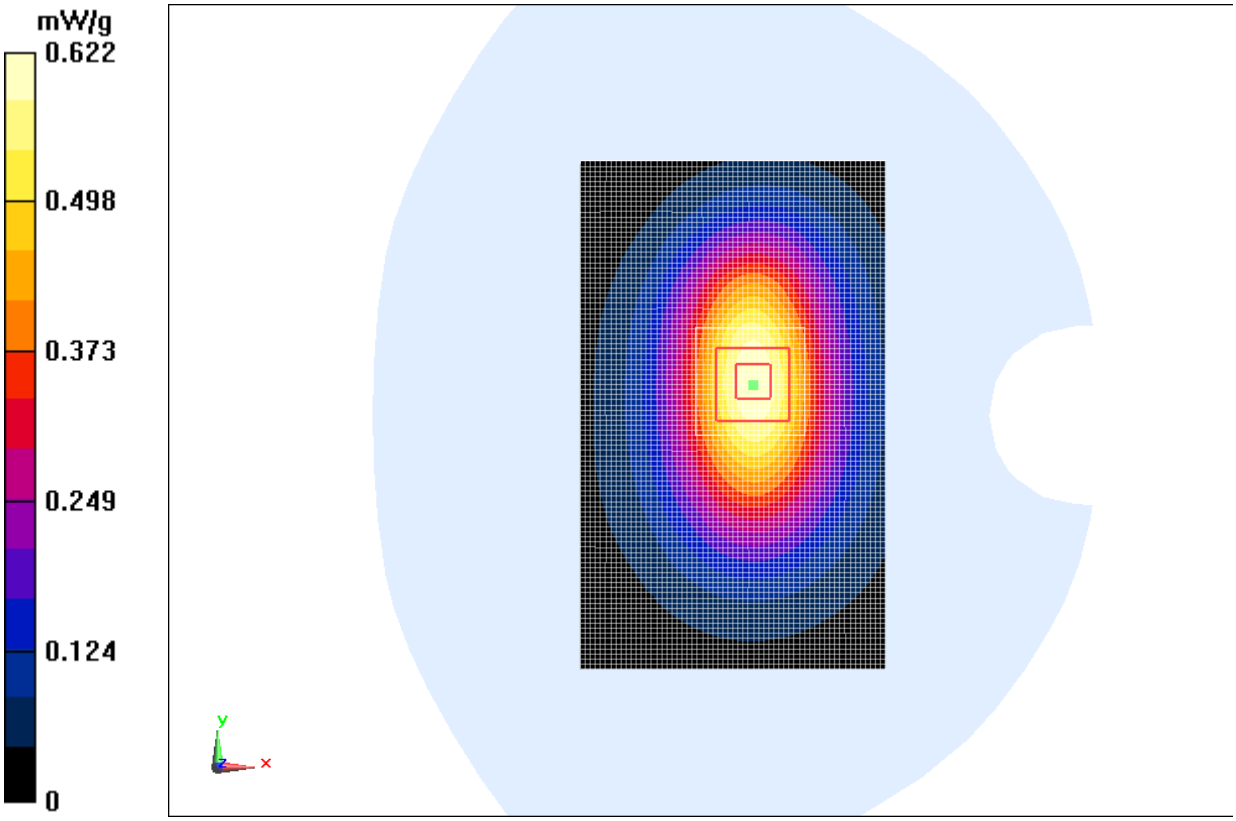

Fig. 61 WCDMA 850 CH4182

WCDMA 850 Body Right Side Middle
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; εr = 54.558; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Right Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.567 mW/g

Right Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.565 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.724 mW/g
SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.559 mW/g

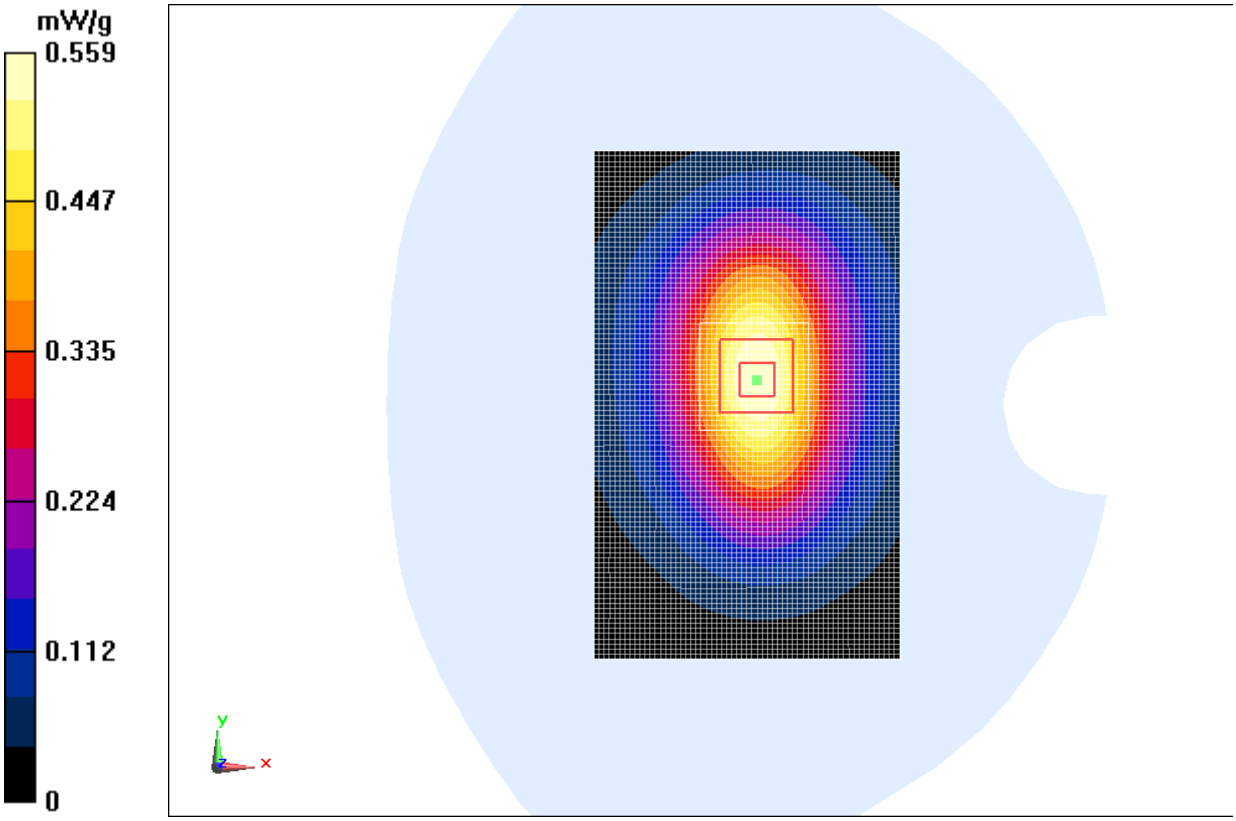

Fig. 62 WCDMA 850 CH4182

WCDMA 850 Body Bottom Side Middle

Date: 2012-8-1

Electronics: DAE4 Sn771

Medium: Body 850 MHz

Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.99 mho/m; εr = 54.558; ρ = 1000 kg/m^3

Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

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

Maximum value of SAR (interpolated) = 0.0860 mW/g

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

Reference Value = 8.565 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.135 mW/g

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.0858 mW/g

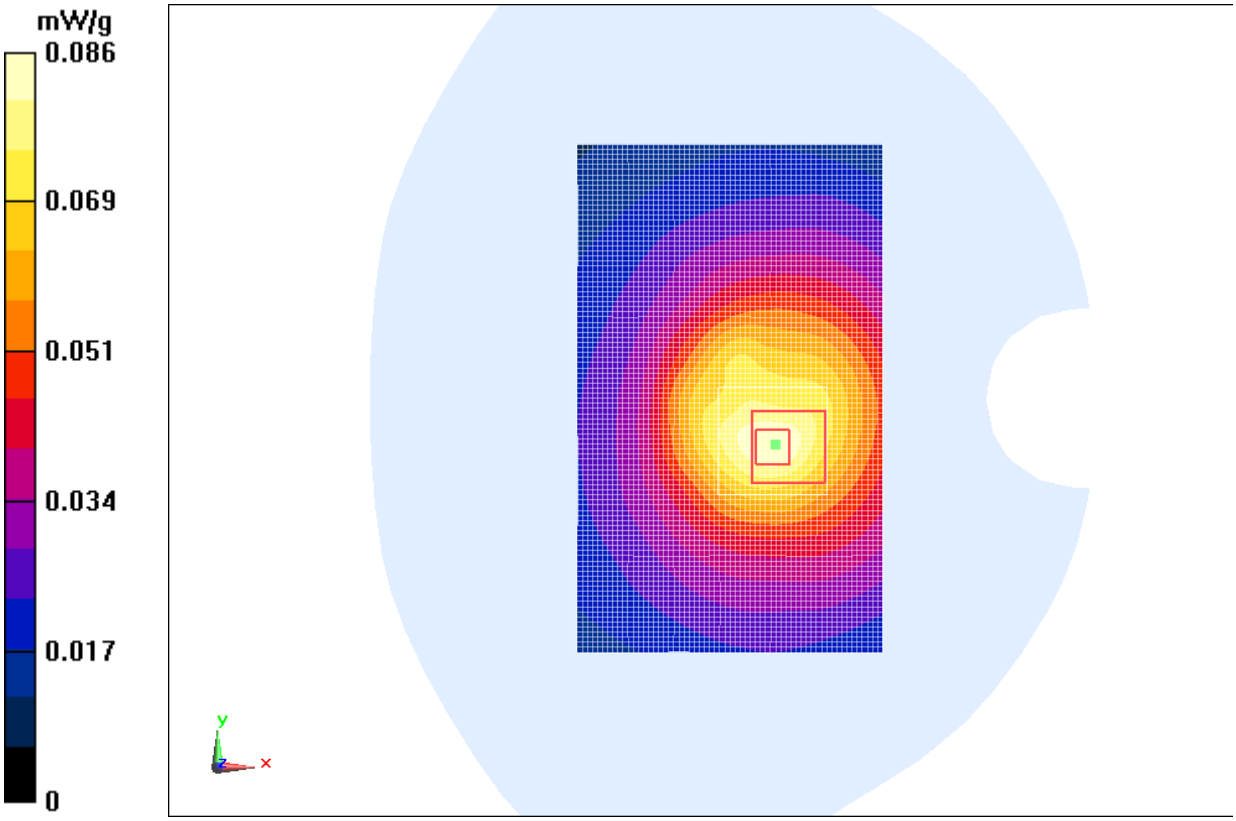

Fig. 63 WCDMA 850 CH4182

WCDMA 850 Body Towards Ground High with Headset CCB3160A11C2
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; εr = 54.465; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.750 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.320 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.990 mW/g
SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 0.751 mW/g

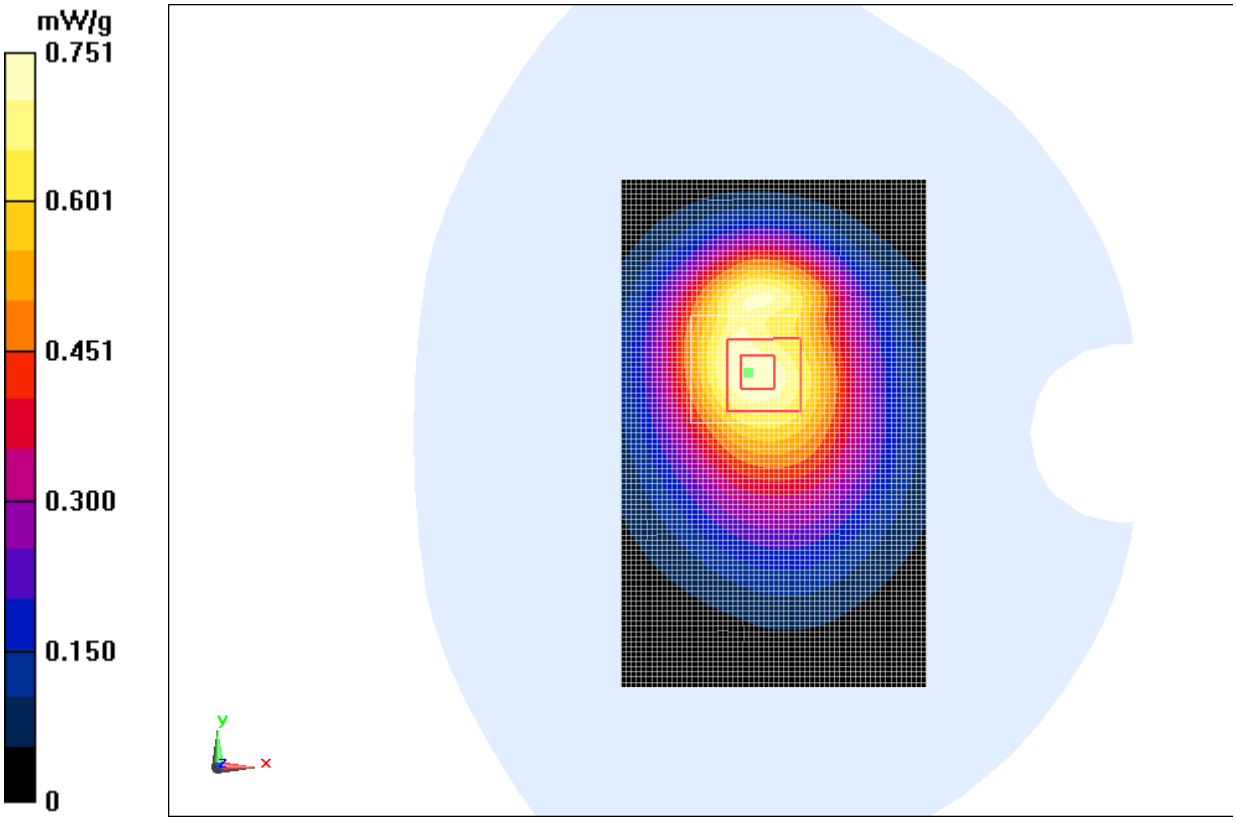

Fig. 64 WCDMA 850 CH4233

WCDMA 850 Body Towards Ground High with Headset CCB3160A11C4
Date: 2012-8-1
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.00 mho/m; εr = 54.465; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.731 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.569 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.964 mW/g
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 0.745 mW/g

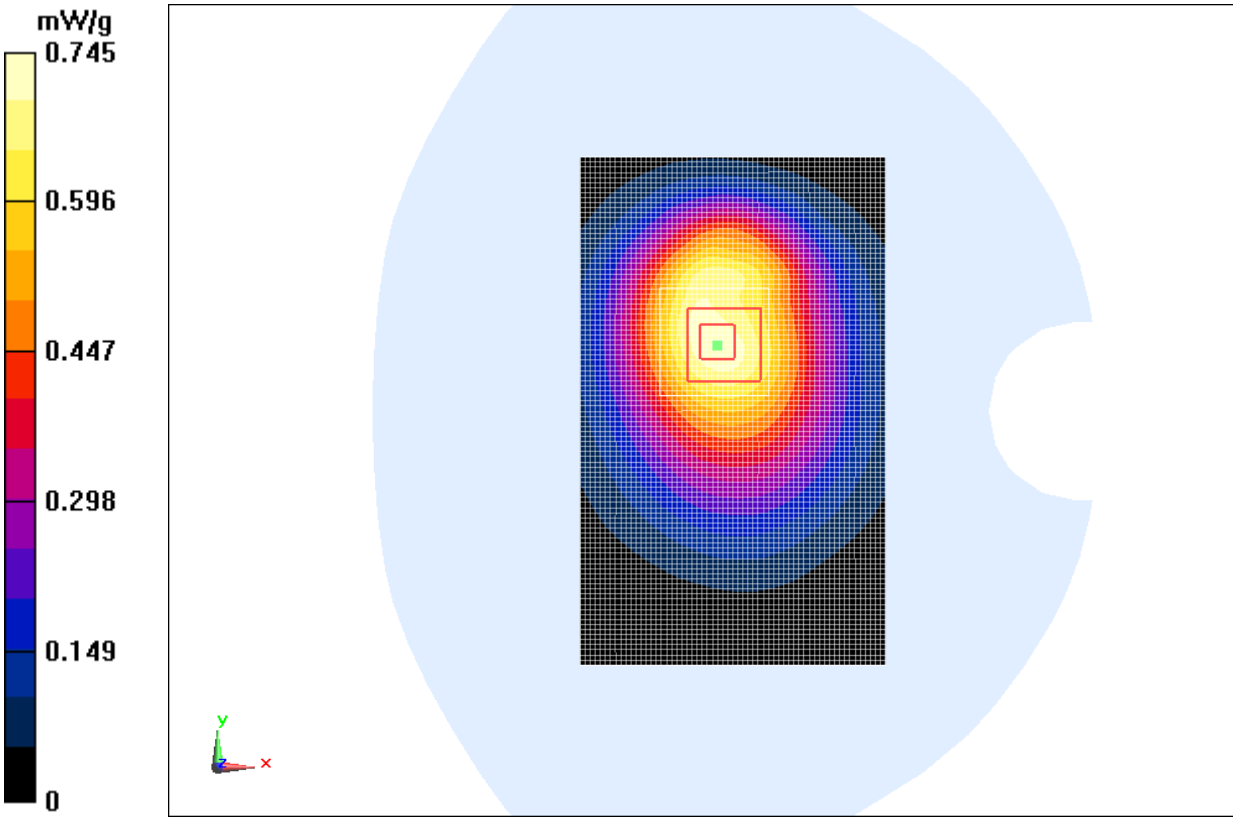

Fig. 65 WCDMA 850 CH4233

WCDMA 1900 Left Cheek High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.381 mho/m; εr = 41.054; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.240 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.885 mW/g
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.598 mW/g
Maximum value of SAR (measured) = 1.21 mW/g

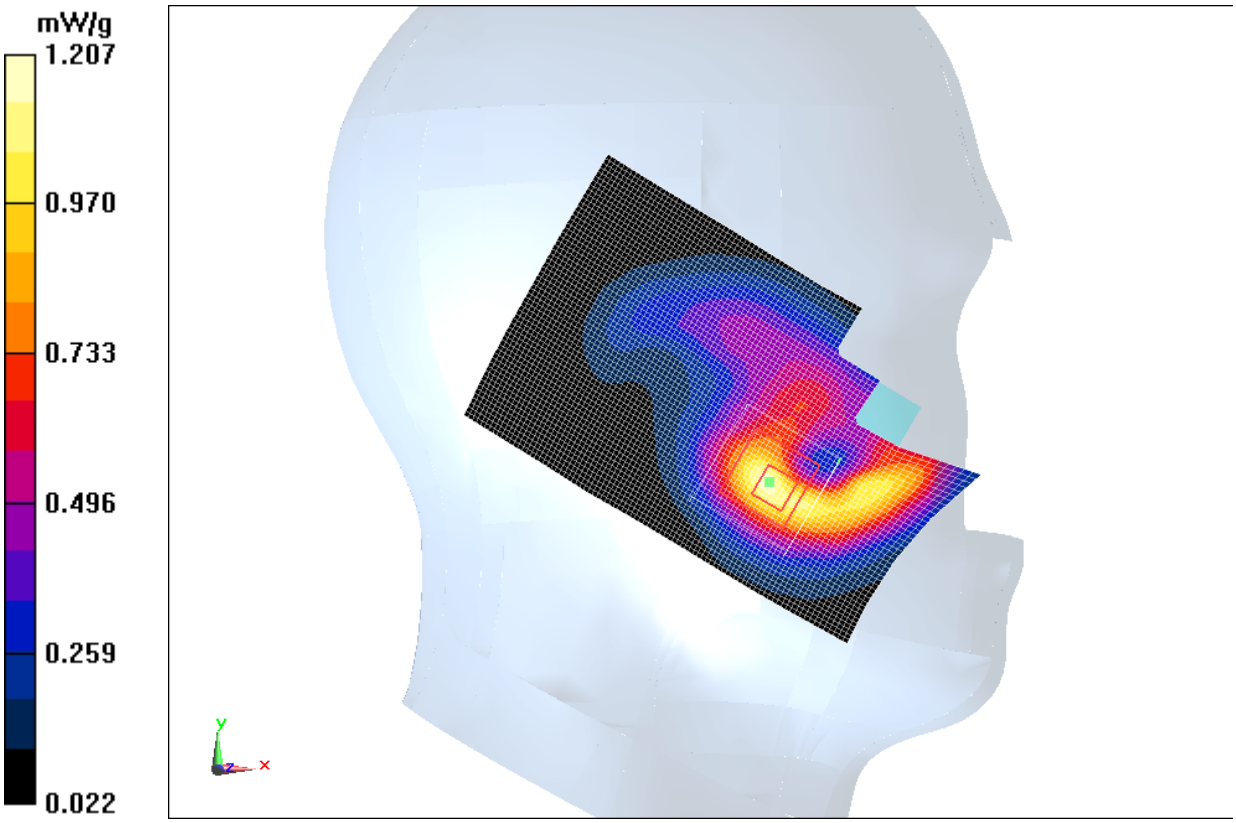

Fig. 66 WCDMA1900 CH9538

WCDMA 1900 Left Cheek Middle
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head GSM1900
Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; εr = 41.158; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.22 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.920 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.947 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.26 mW/g

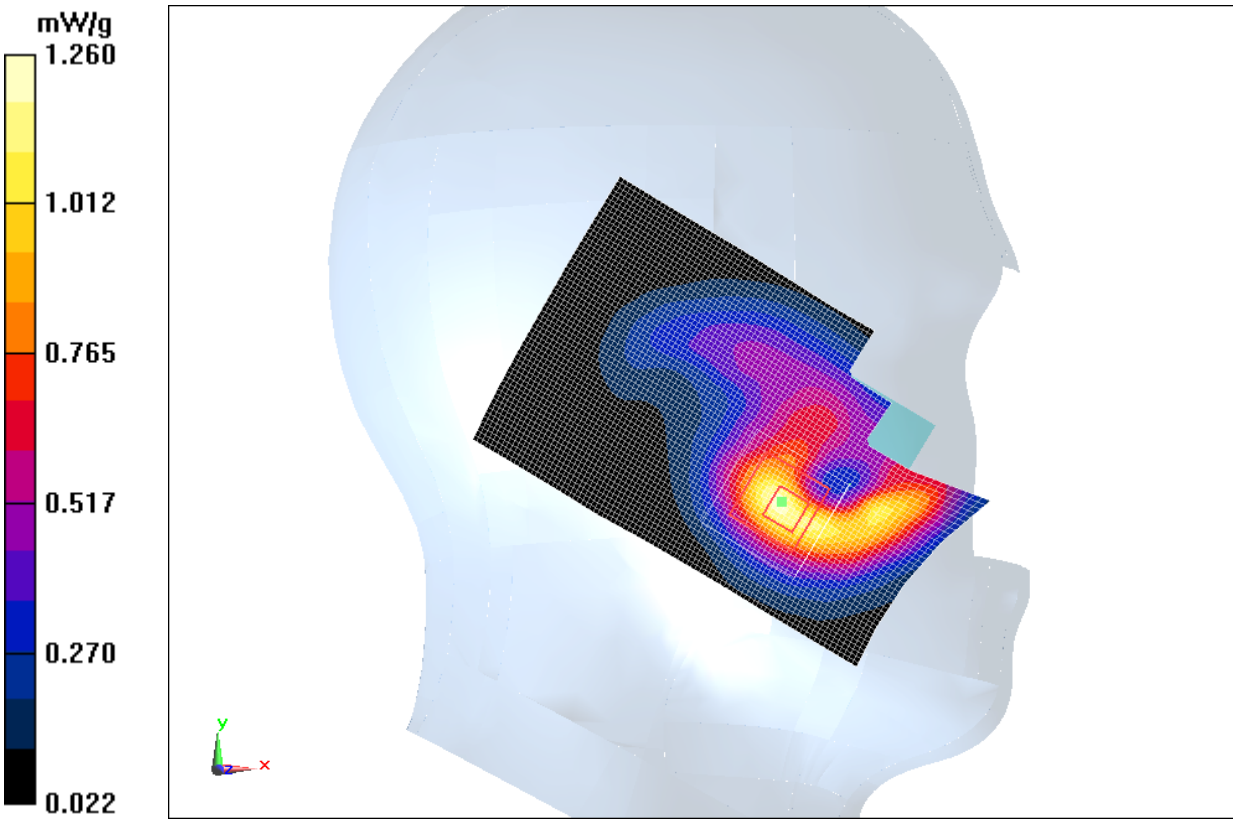

Fig. 67 WCDMA1900 CH9400

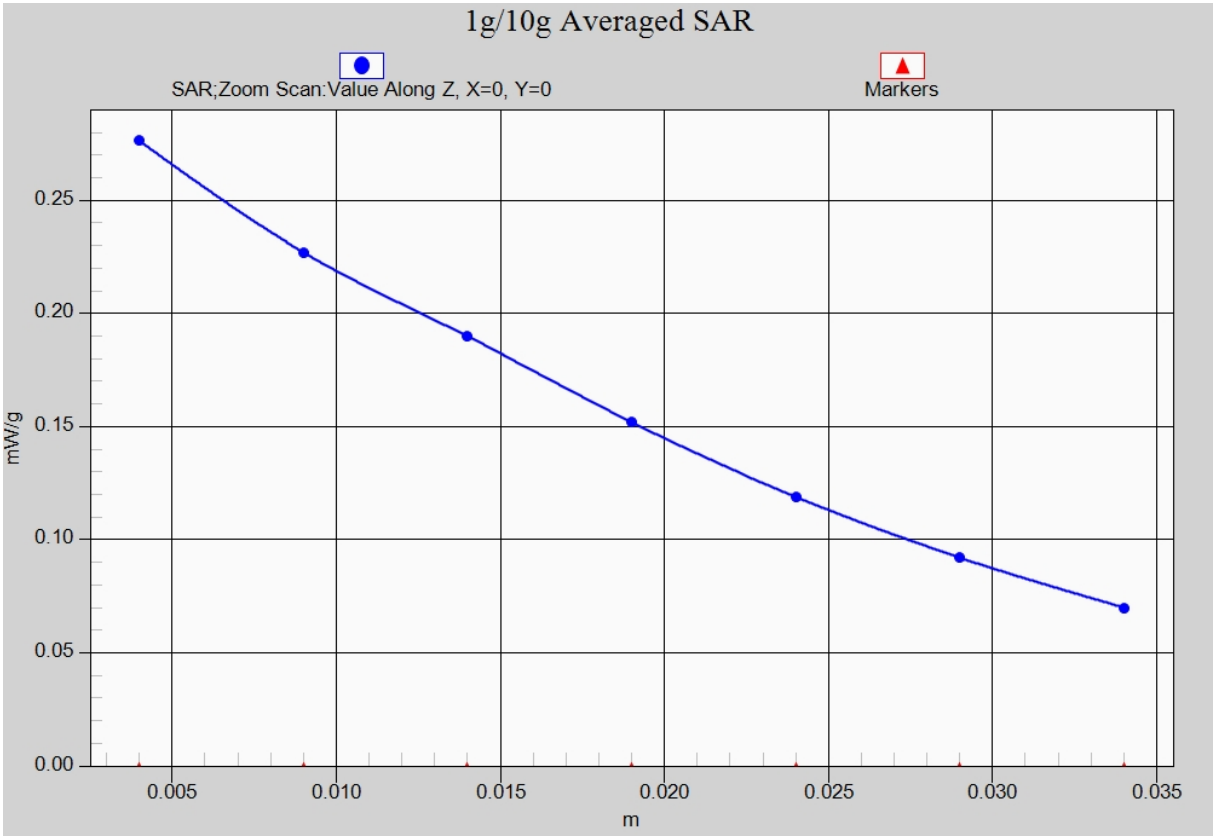

Fig. 67-1 Z-Scan at power reference point (WCDMA1900 CH9400)

WCDMA 1900 Left Cheek Low
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.345 mho/m; εr = 41.249; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.248 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.837 mW/g
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 1.17 mW/g
Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.248 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.617 mW/g
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

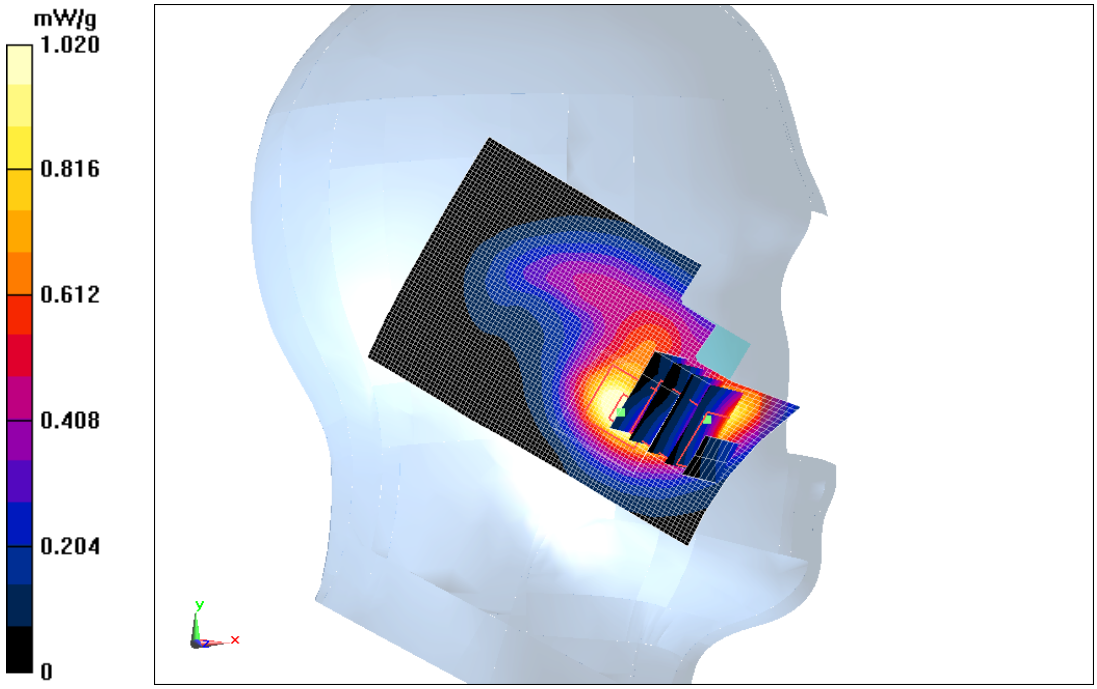

Fig. 68 WCDMA1900 CH9262

WCDMA 1900 Left Tilt High

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.381 mho/m; εr = 41.054; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.387 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.896 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.351 mW/g

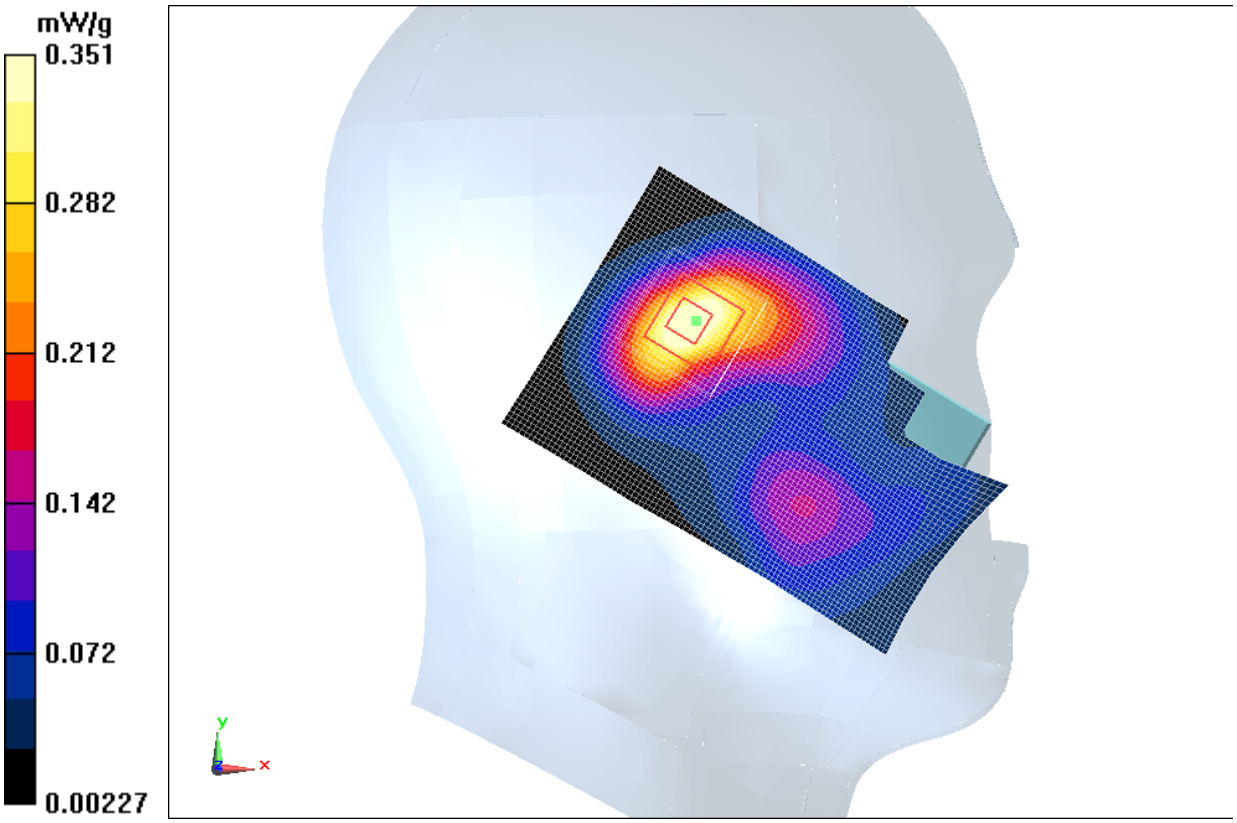

Fig. 69 WCDMA1900 CH9538

WCDMA 1900 Left Tilt Middle
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; εr = 41.158; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.395 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.929 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.486 mW/g
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.353 mW/g

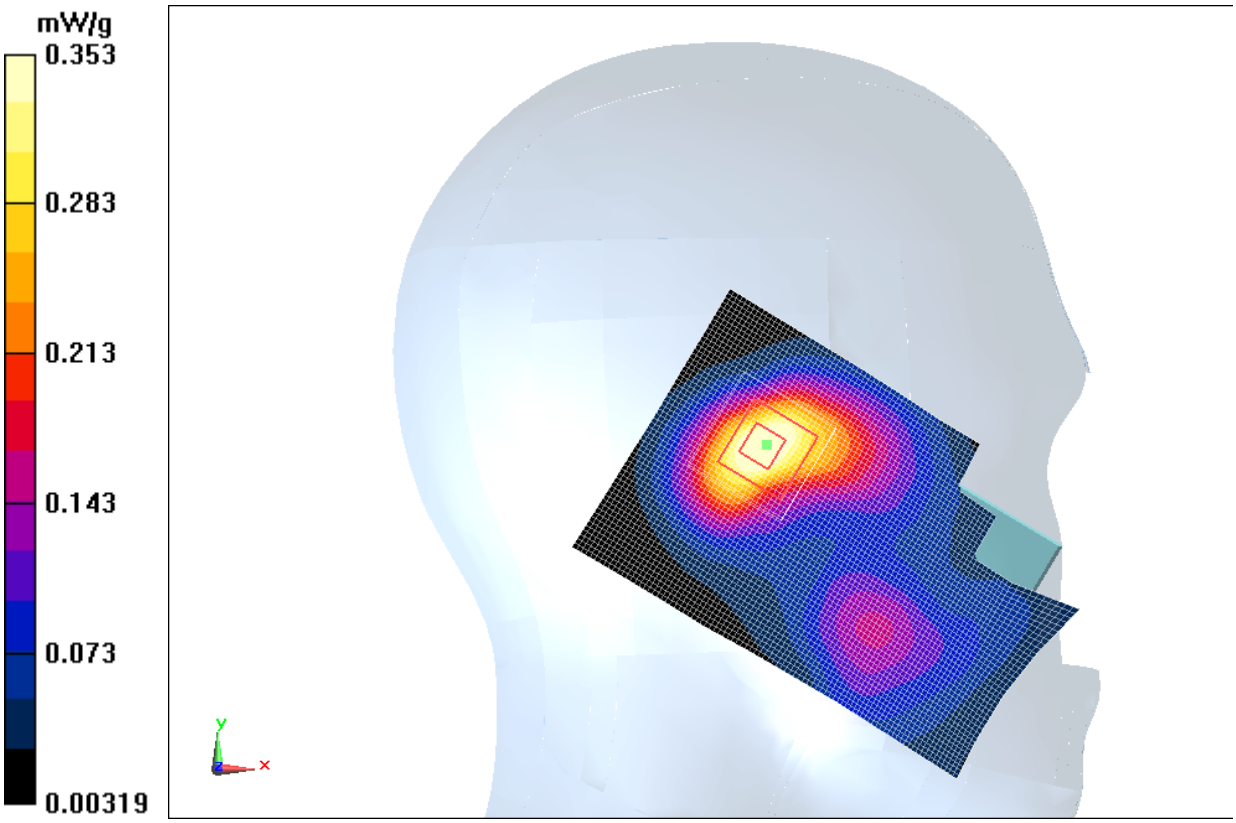

Fig. 70 WCDMA1900 CH9400

WCDMA 1900 Left Tilt Low
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.345 mho/m; εr = 41.249; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.415 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.497 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.508 mW/g
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.371 mW/g

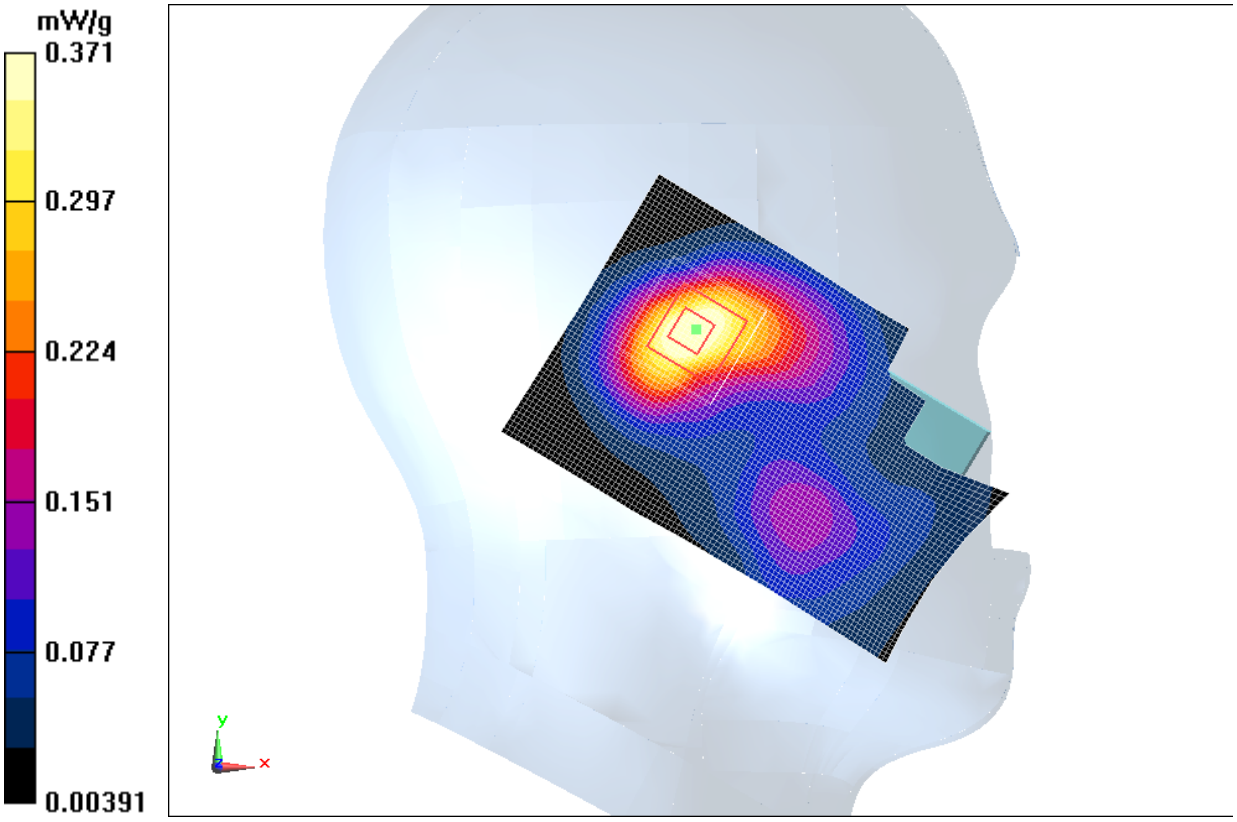

Fig. 71 WCDMA1900 CH9262

WCDMA 1900 Right Cheek High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.381 mho/m; εr = 41.054; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.003 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.630 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

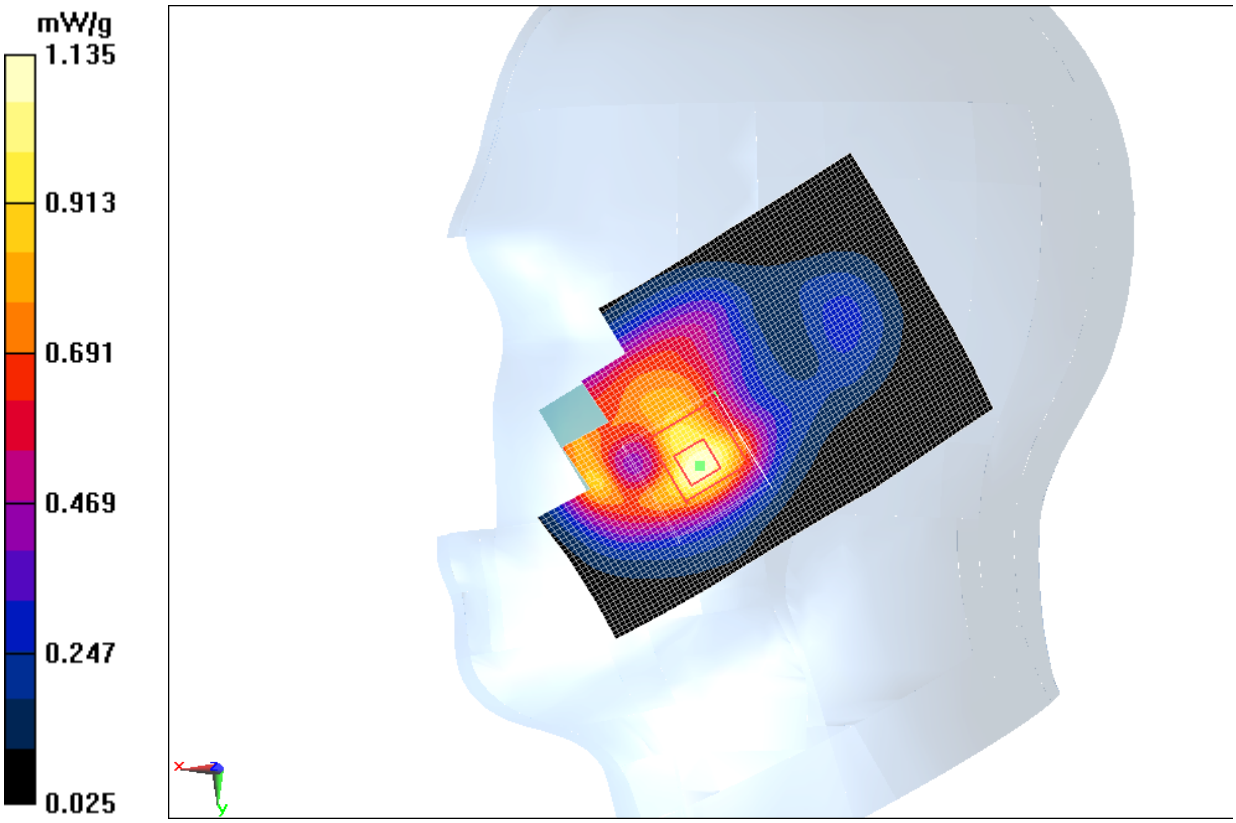

Fig. 72 WCDMA1900 CH9538

WCDMA 1900 Right Cheek Middle
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; εr = 41.158; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.473 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.595 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.594 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

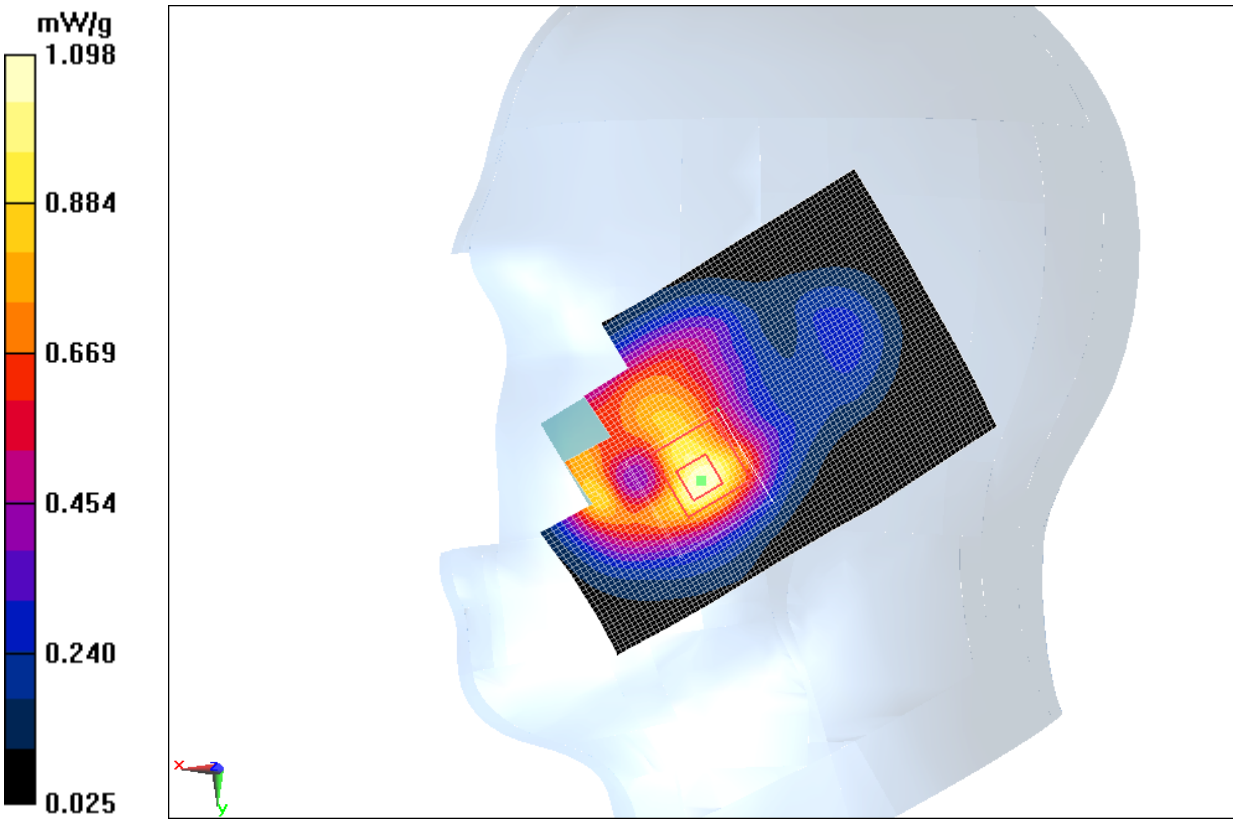

Fig. 73 WCDMA1900 CH9400

WCDMA 1900 Right Cheek Low

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.345 mho/m; εr = 41.249; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.650 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.472 mW/g
SAR(1 g) = 0.952 mW/g; SAR(10 g) = 0.568 mW/g
Maximum value of SAR (measured) = 1.03 mW/g

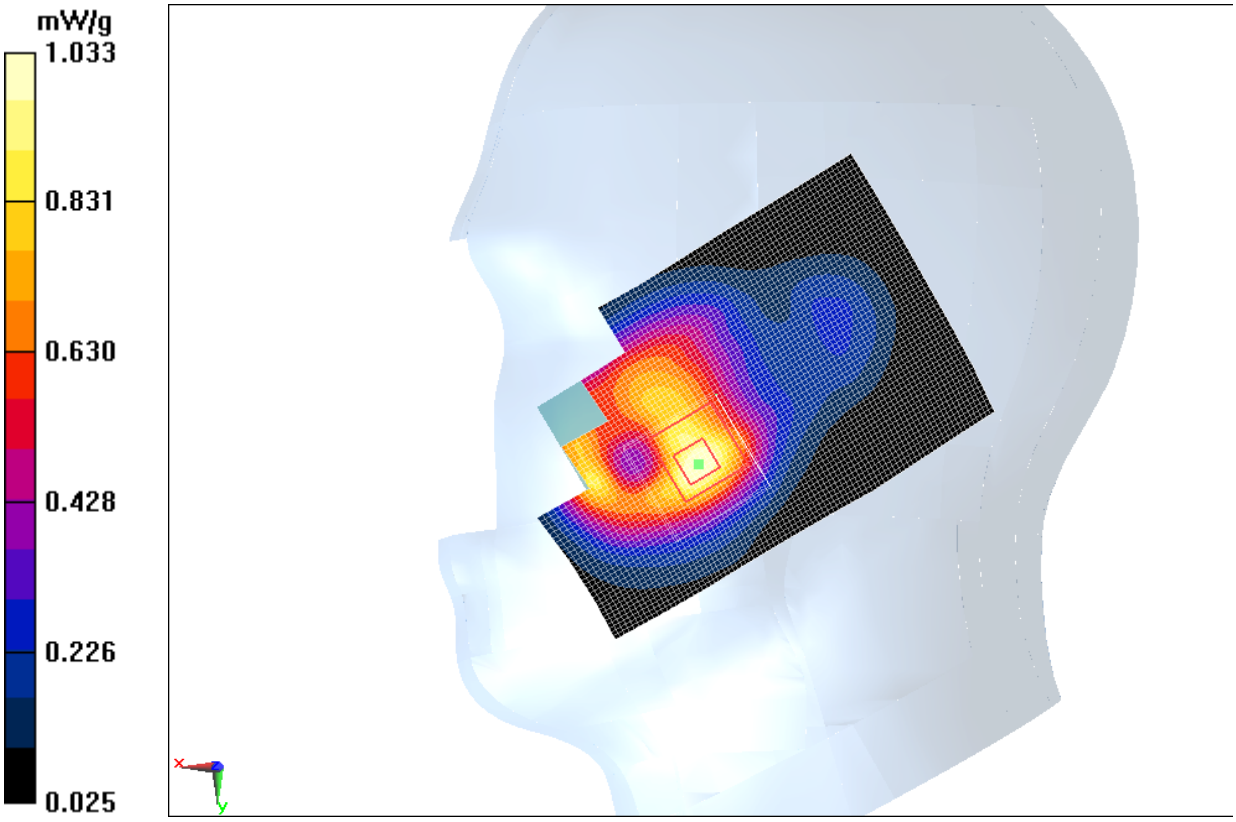

Fig. 74 WCDMA1900 CH9262

WCDMA 1900 Right Tilt High

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.381 mho/m; εr = 41.054; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.386 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.358 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.544 mW/g
SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.383 mW/g

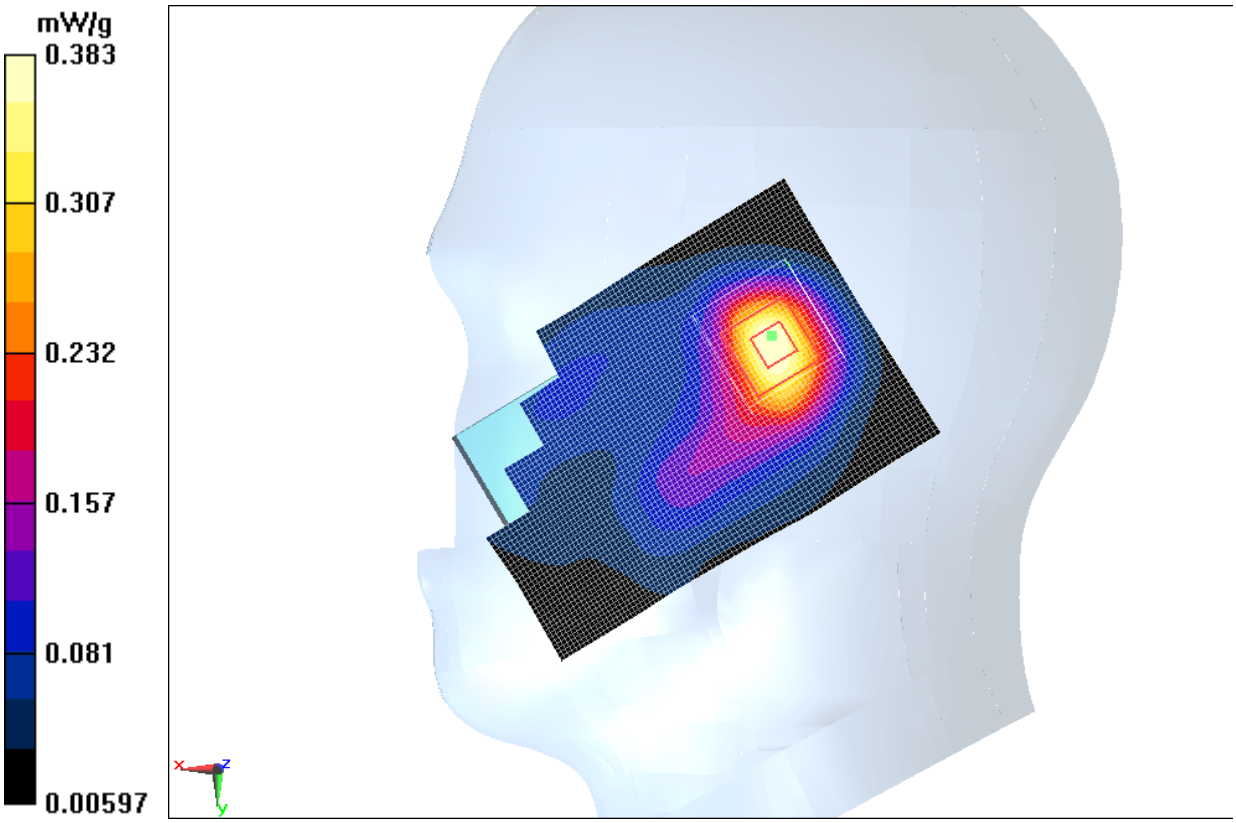

Fig. 75 WCDMA1900 CH9538

WCDMA 1900 Right Tilt Middle
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; εr = 41.158; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.392 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.097 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.542 mW/g
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.389 mW/g

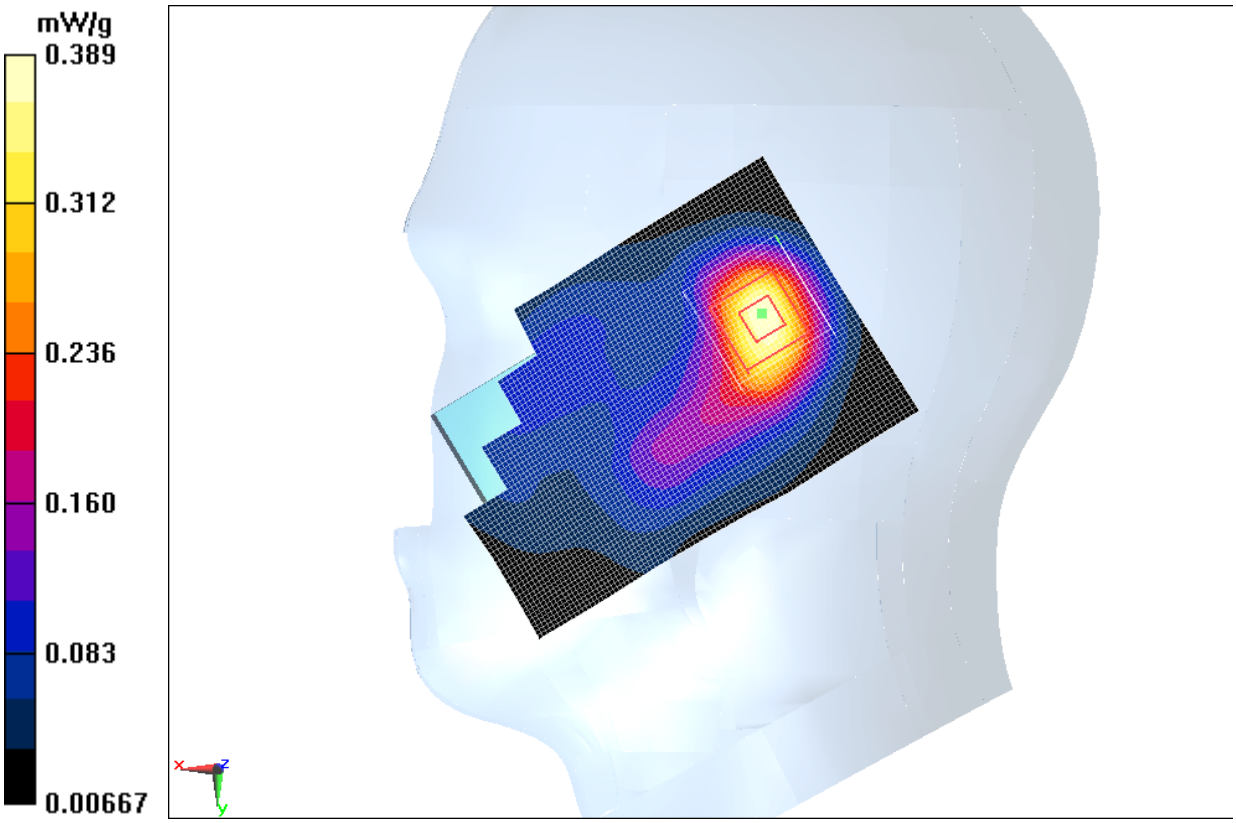

Fig. 76 WCDMA1900 CH9400

WCDMA 1900 Right Tilt Low
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.345 mho/m; εr = 41.249; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.409 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.506 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.560 mW/g
SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.405 mW/g

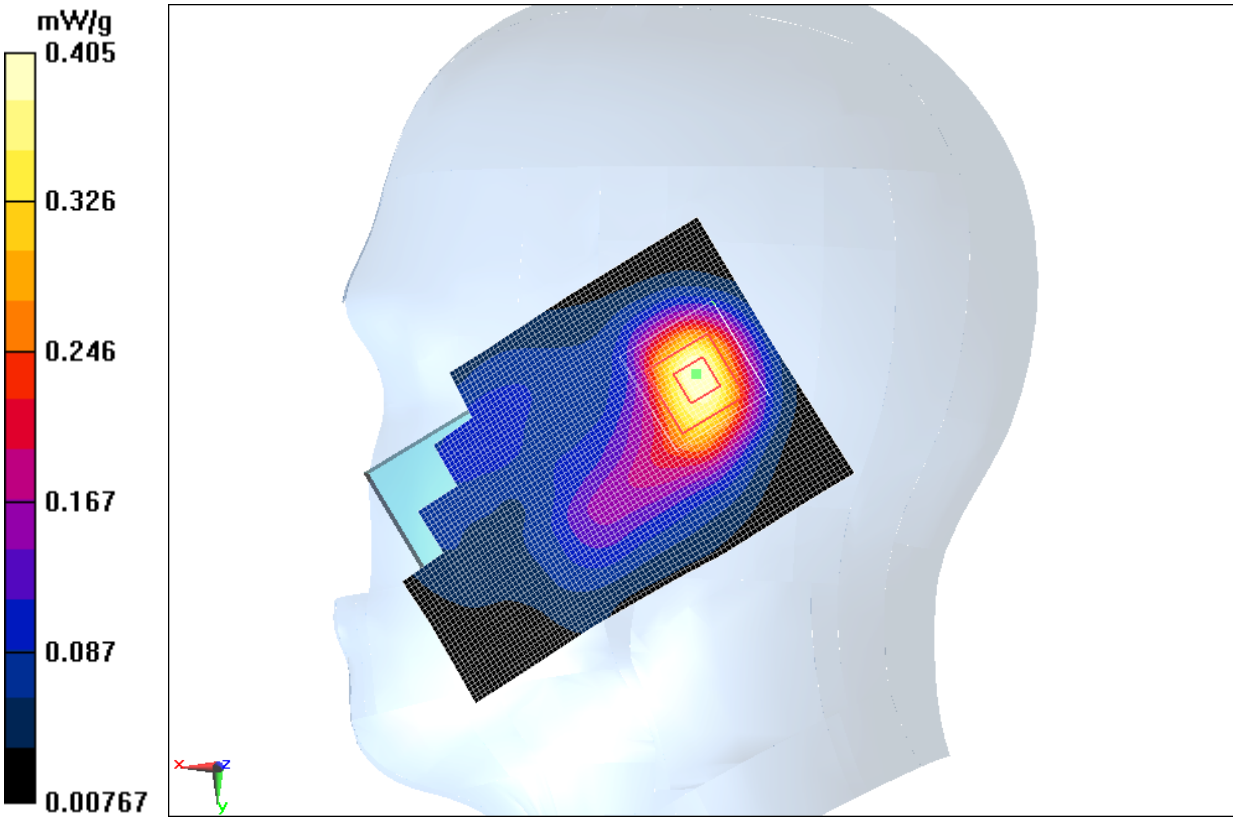

Fig. 77 WCDMA1900 CH9262

WCDMA 1900 Left Cheek Middle with battery CAB31P0000C1
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Head GSM1900
Medium parameters used: f = 1880 MHz; σ = 1.373 mho/m; εr = 41.158; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.977 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.327 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.537 mW/g
SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.523 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

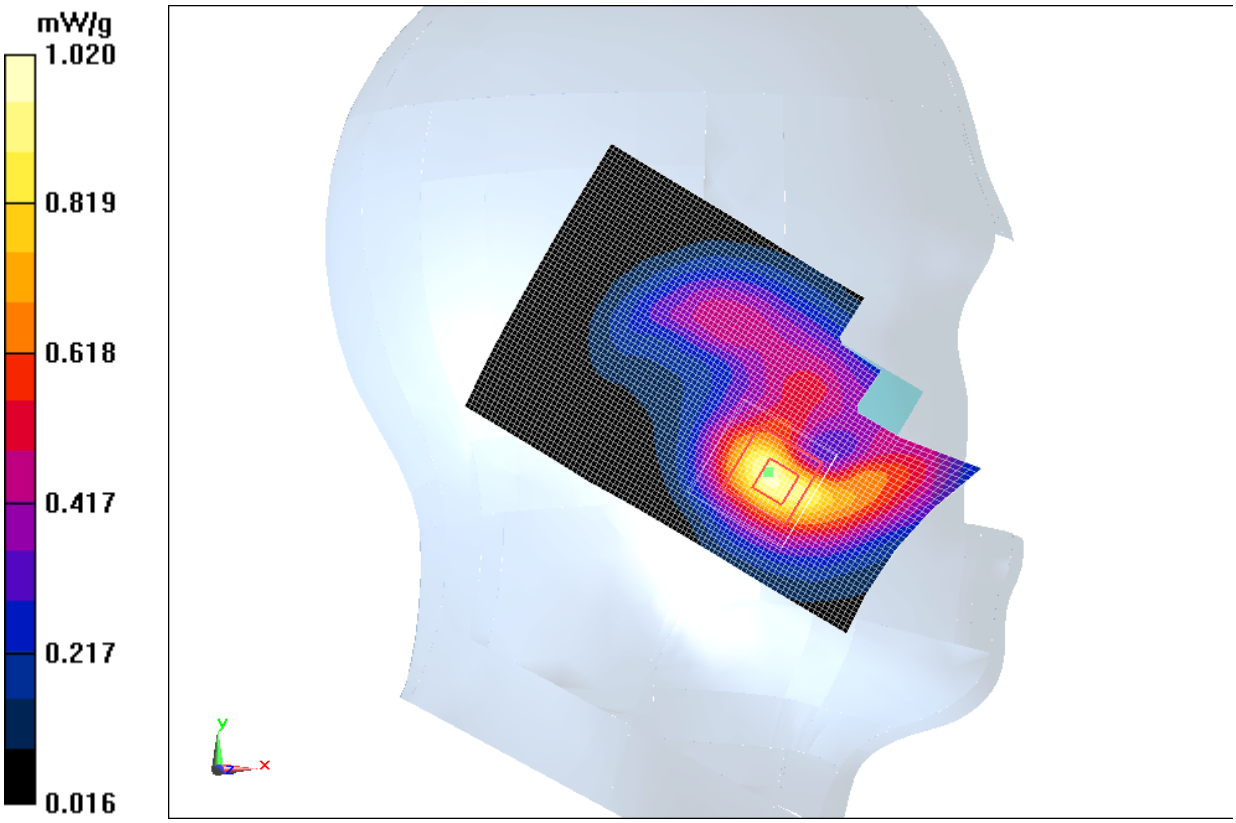

Fig. 78 WCDMA1900 CH9400

WCDMA 1900 Body Towards Phantom High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.933 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.524 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.504 mW/g
SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.529 mW/g
Maximum value of SAR (measured) = 0.982 mW/g

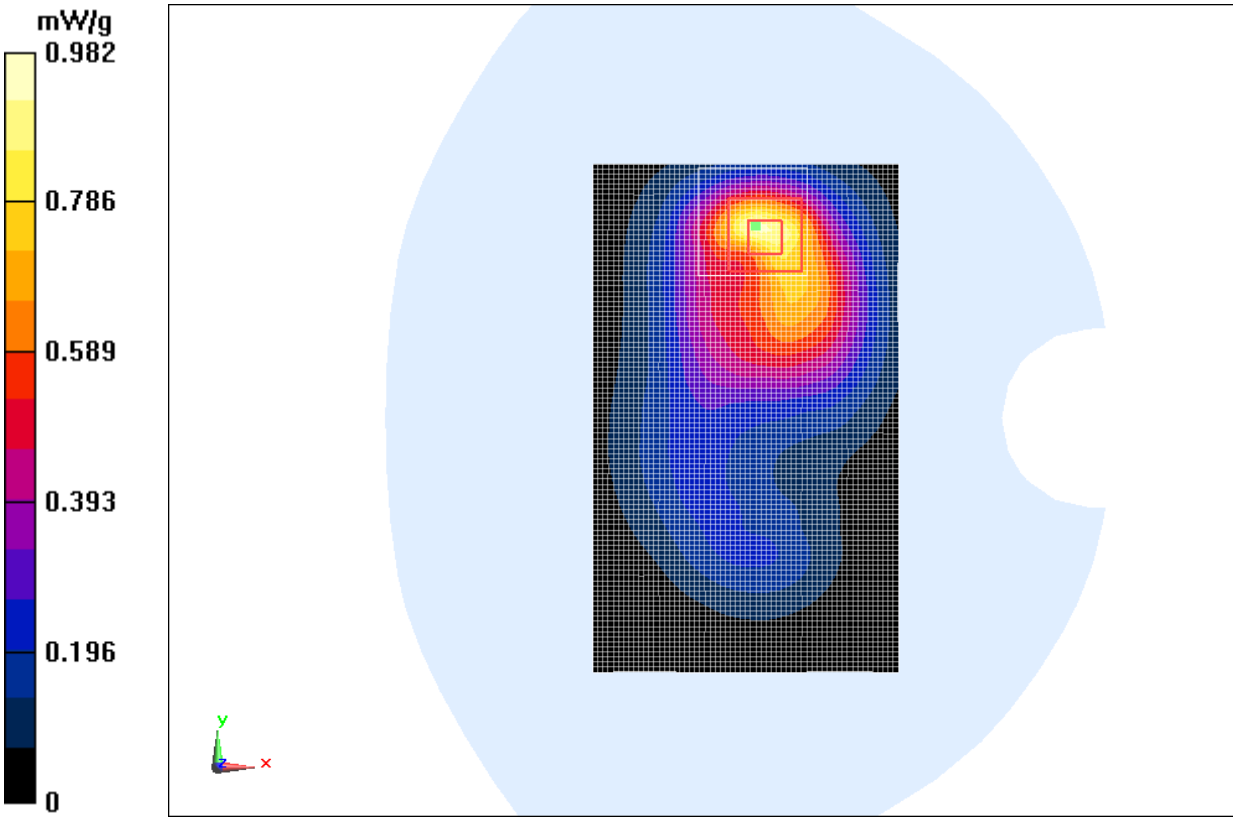

Fig. 79 WCDMA1900 CH9538

WCDMA 1900 Body Towards Phantom Middle
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; εr = 52.693; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.950 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.310 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.445 mW/g
SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.506 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

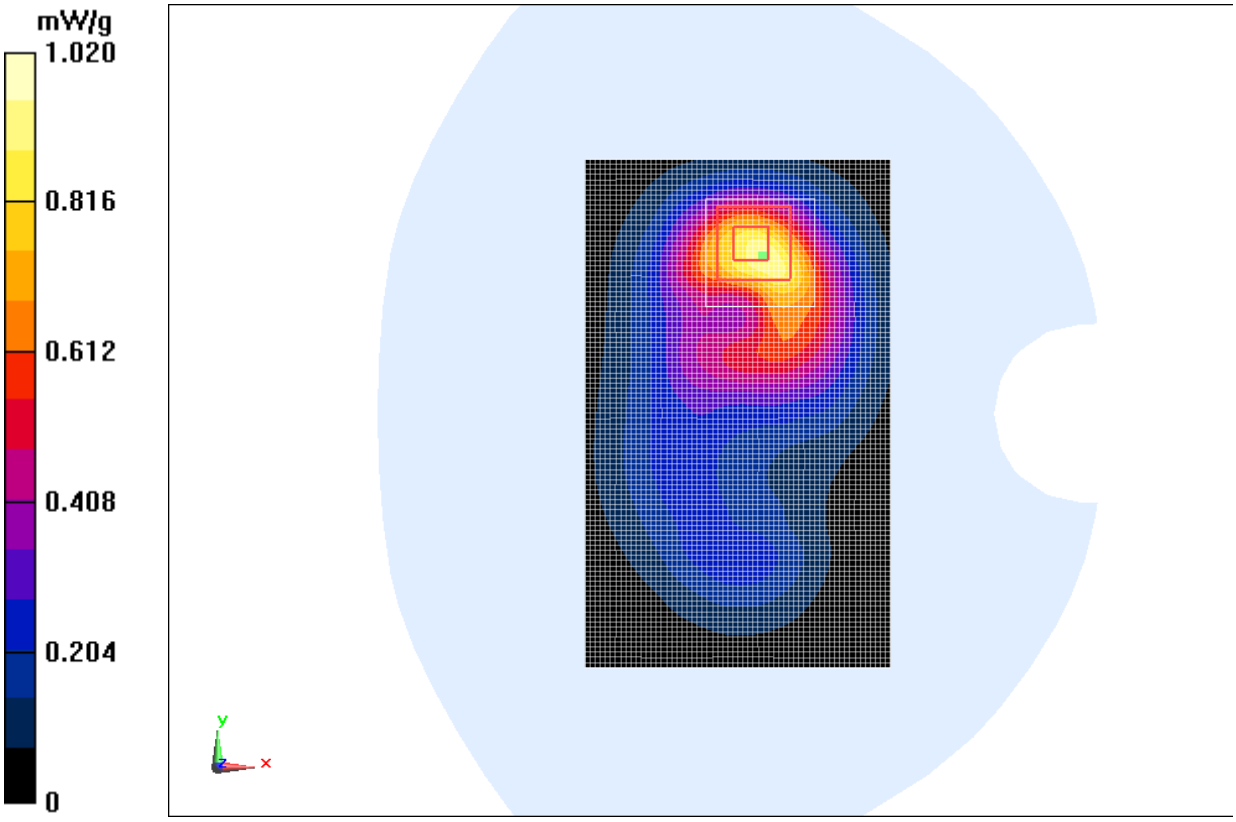

Fig. 80 WCDMA1900 CH9400

WCDMA 1900 Body Towards Phantom Low
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.458 mho/m; εr = 52.82; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Phantom Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.847 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.229 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.158 mW/g
SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.859 mW/g

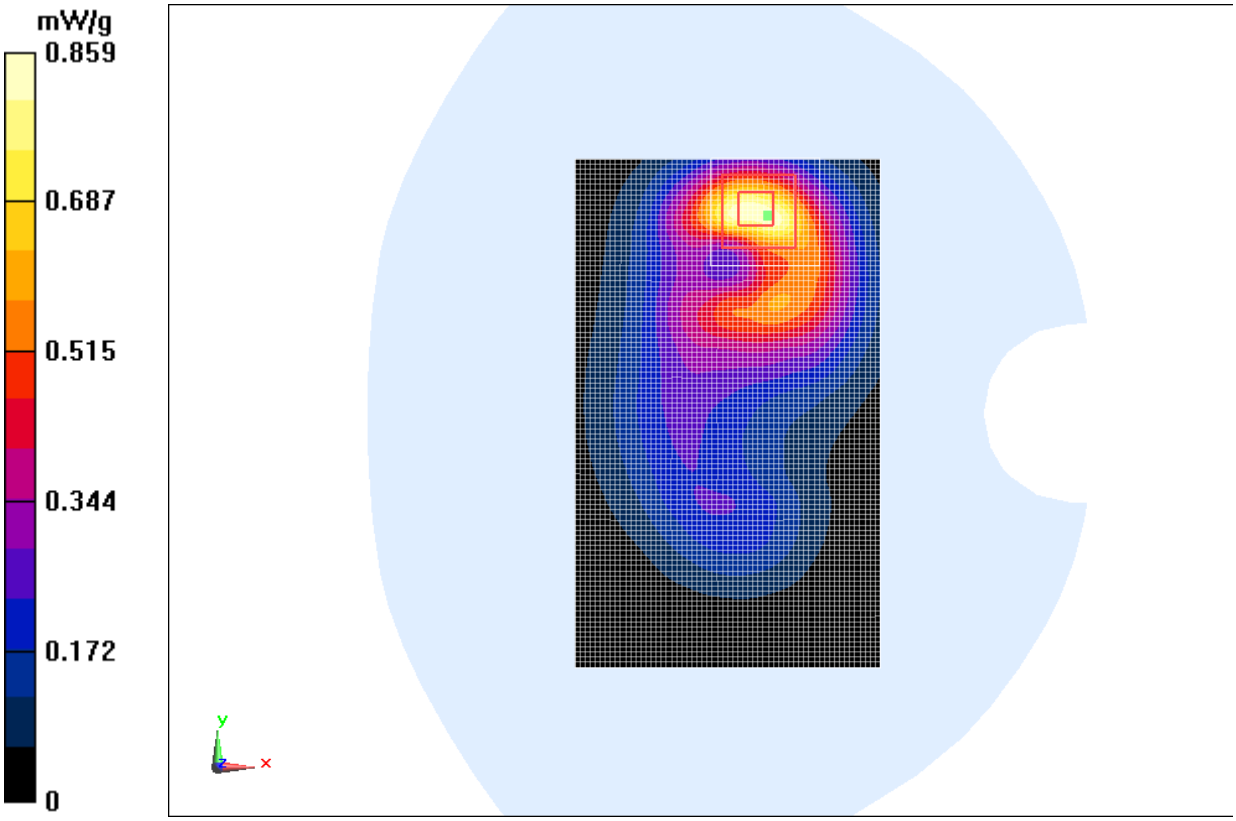

Fig. 81 WCDMA1900 CH9262

WCDMA 1900 Body Towards Ground High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.968 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.164 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.318 mW/g
SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 0.958 mW/g
Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.164 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.298 mW/g
SAR(1 g) = 0.762 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.900 mW/g

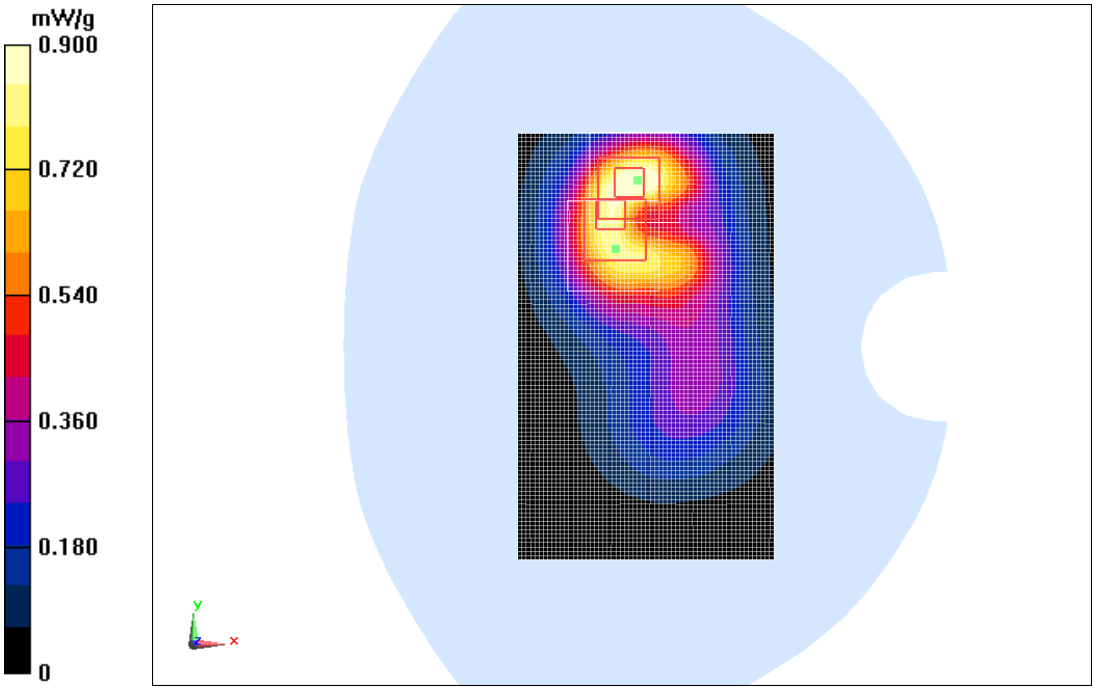

Fig. 82 WCDMA1900 CH9538

WCDMA 1900 Body Towards Ground Middle
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; εr = 52.693; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.885 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.435 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.210 mW/g
SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 0.858 mW/g

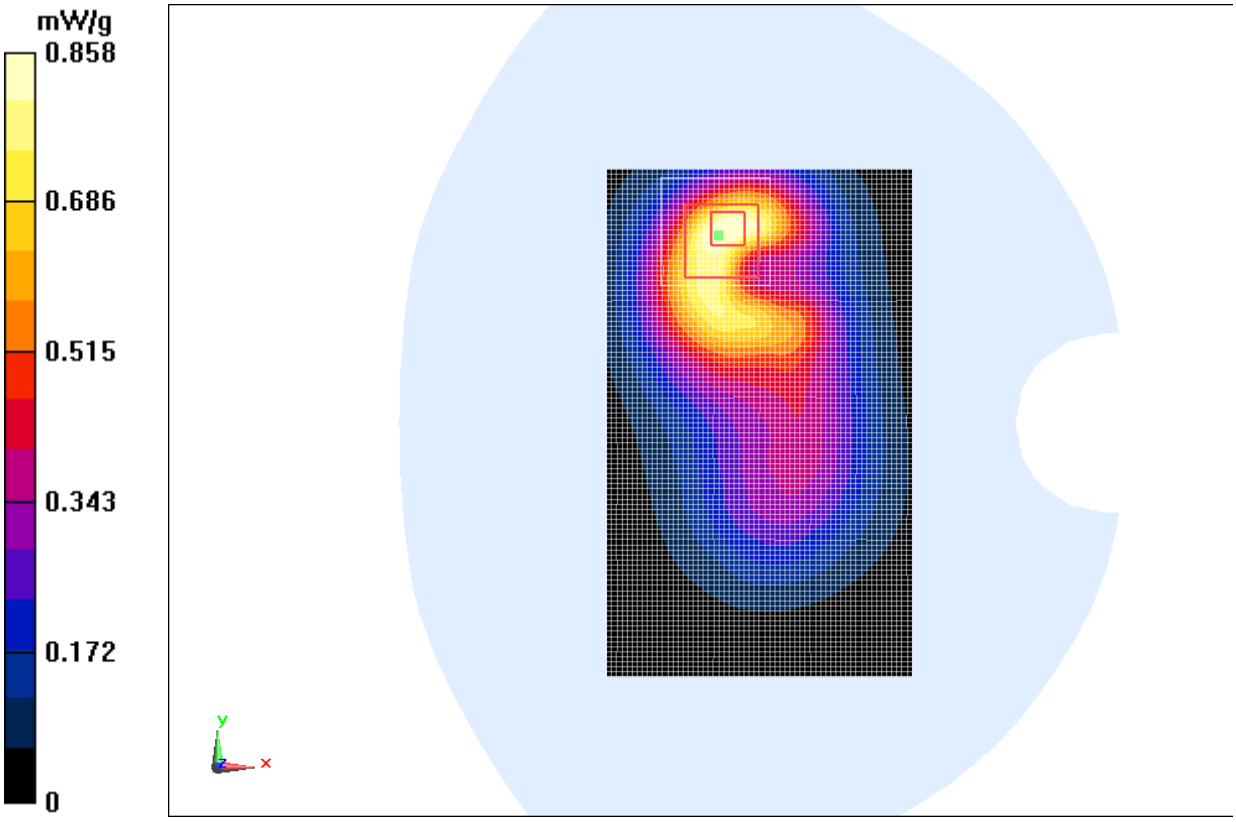

Fig. 83 WCDMA1900 CH9400

WCDMA 1900 Body Towards Ground Low
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.458 mho/m; εr = 52.82; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.786 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.767 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.096 mW/g
SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.782 mW/g
Toward Ground Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.767 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.049 mW/g
SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.716 mW/g

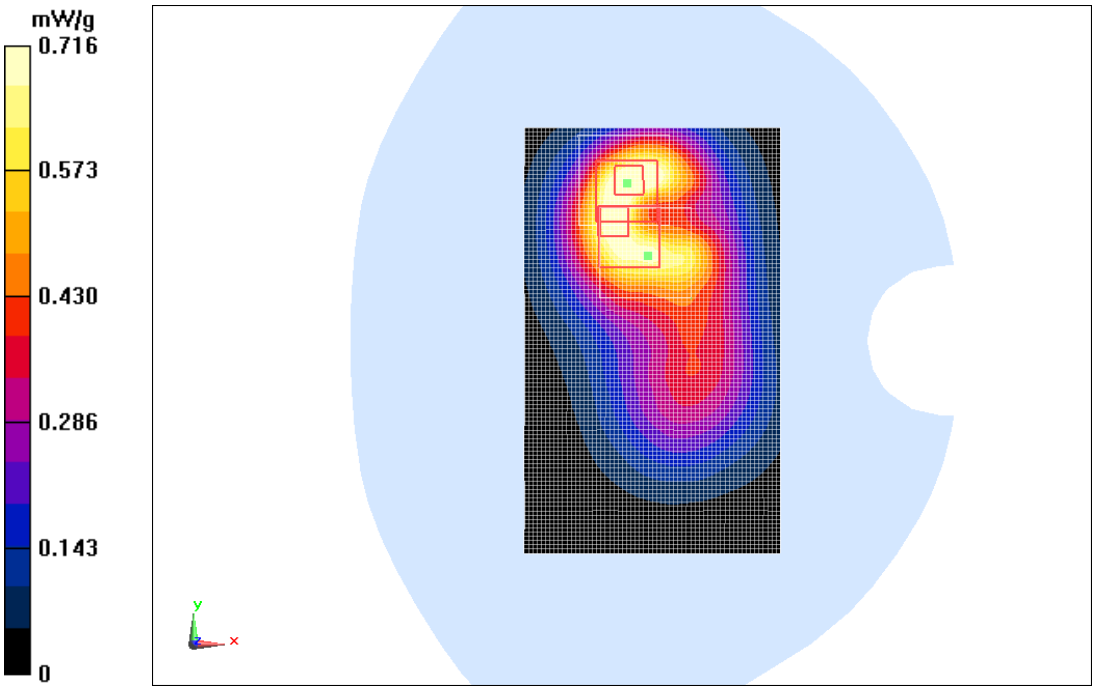

Fig. 84 WCDMA1900 CH9262

WCDMA 1900 Body Left Side High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Left Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Left Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.451 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.362 mW/g
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.251 mW/g

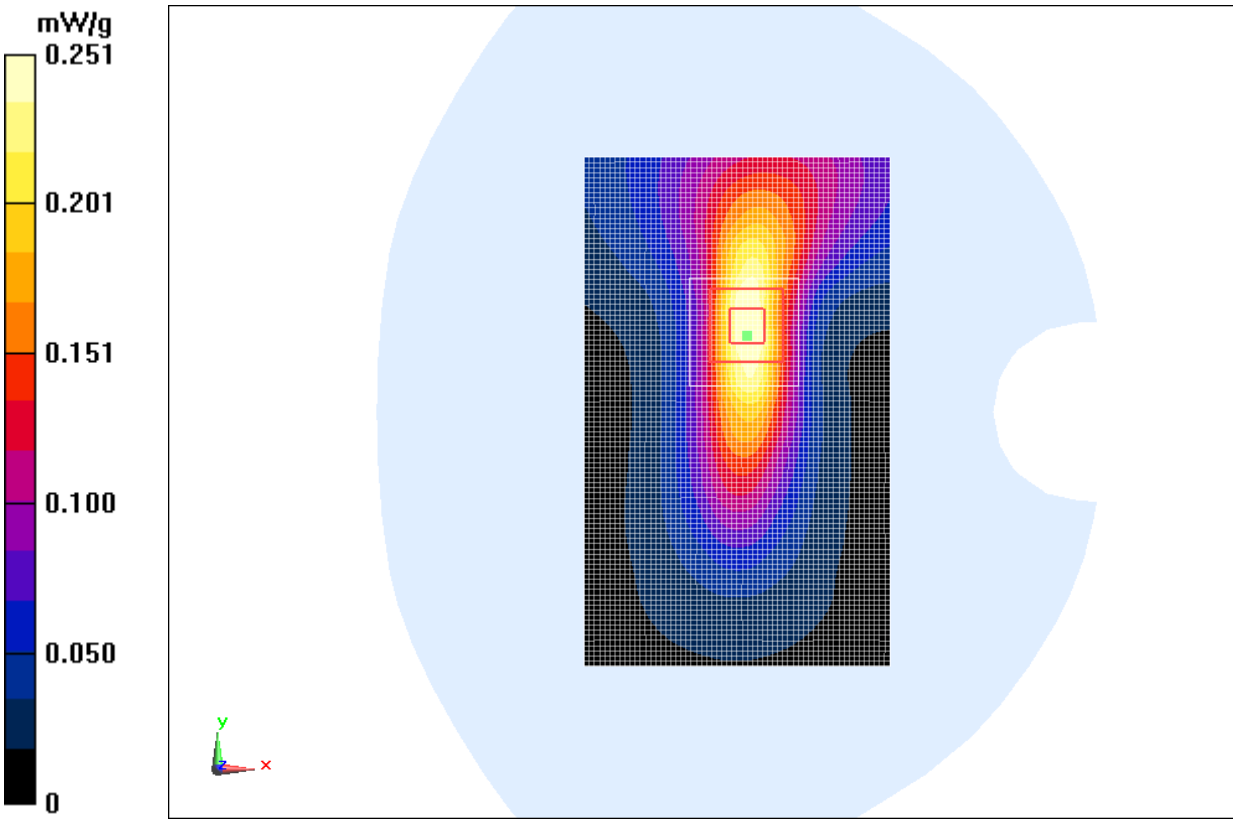

Fig. 85 WCDMA1900 CH9538

WCDMA 1900 Body Right Side High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Right Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Right Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.288 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.387 mW/g
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.280 mW/g
Right Side High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.288 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.273 mW/g
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.197 mW/g

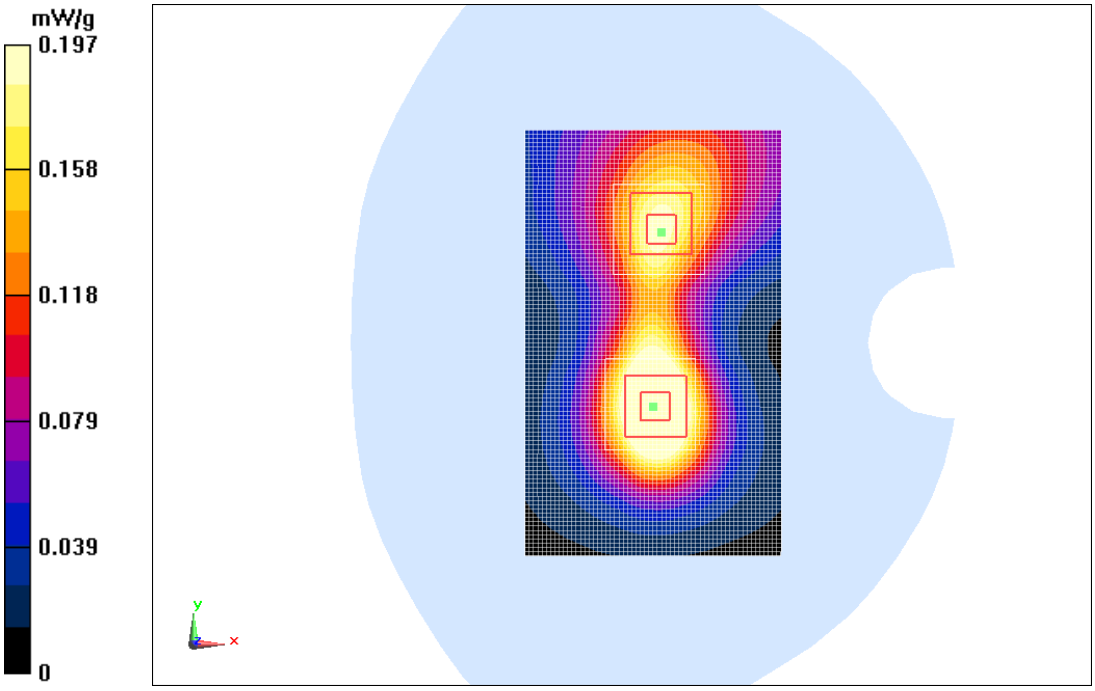

Fig. 86 WCDMA1900 CH9538

WCDMA 1900 Body Bottom Side High
Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.33 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.337 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.908 mW/g
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.653 mW/g
Maximum value of SAR (measured) = 1.34 mW/g

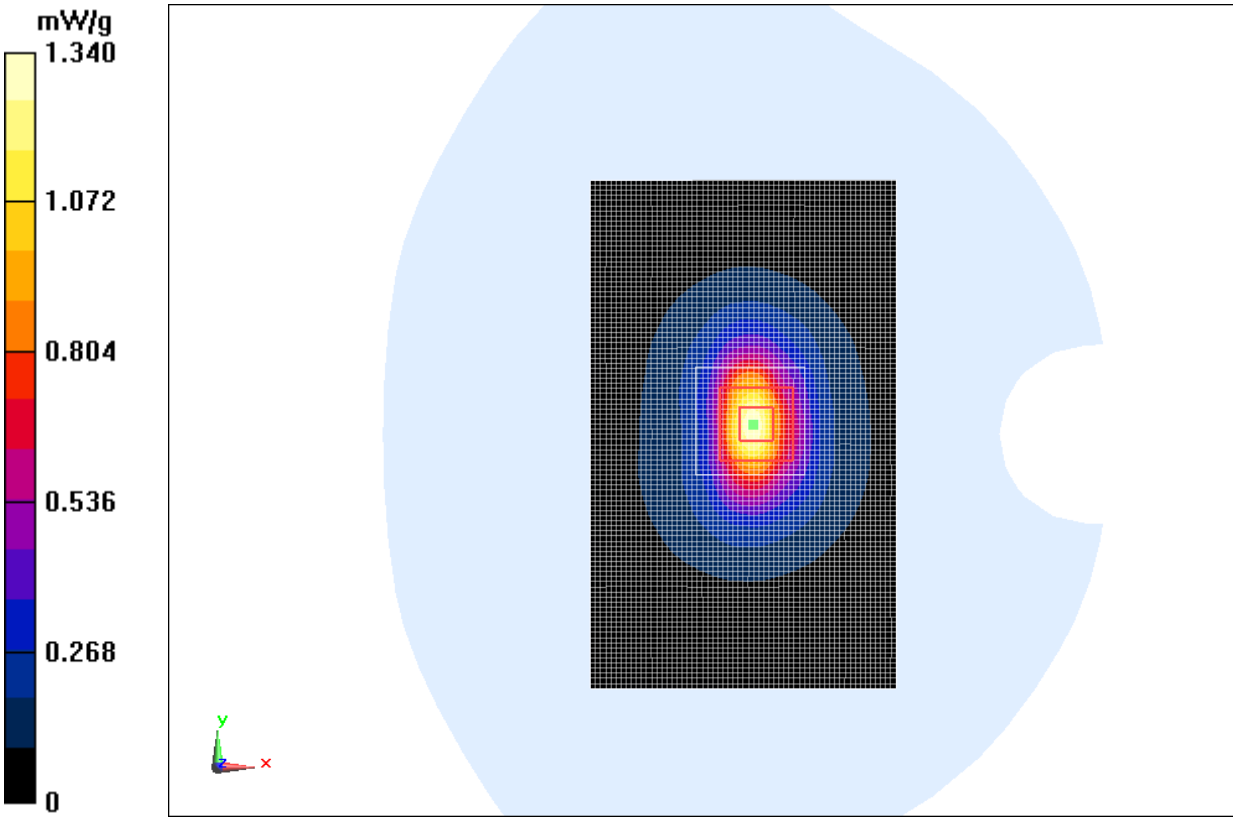

Fig. 87 WCDMA1900 CH9538

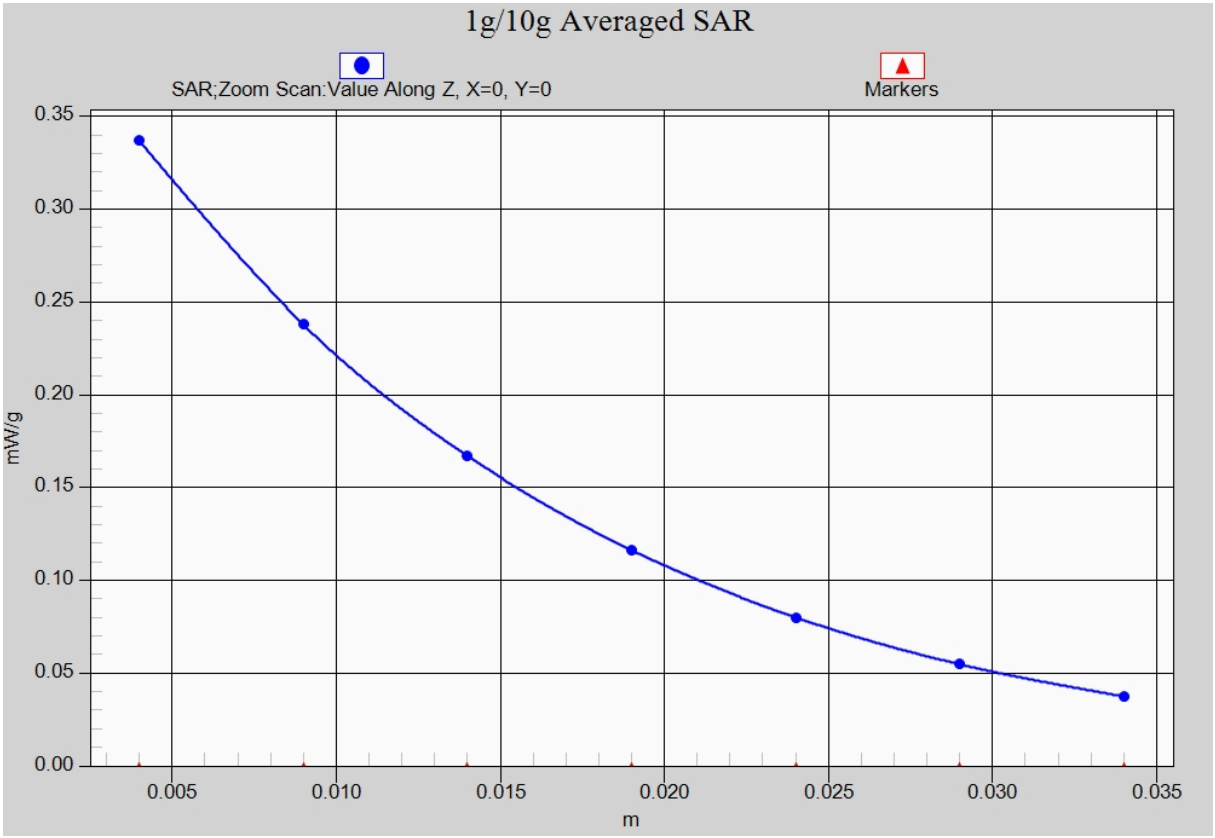

Fig. 87-1 Z-Scan at power reference point (WCDMA1900 CH9538)

WCDMA 1900 Body Bottom Side Middle

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.489 mho/m; εr = 52.693; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.22 mW/g

Bottom Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.458 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.742 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.608 mW/g
Maximum value of SAR (measured) = 1.25 mW/g

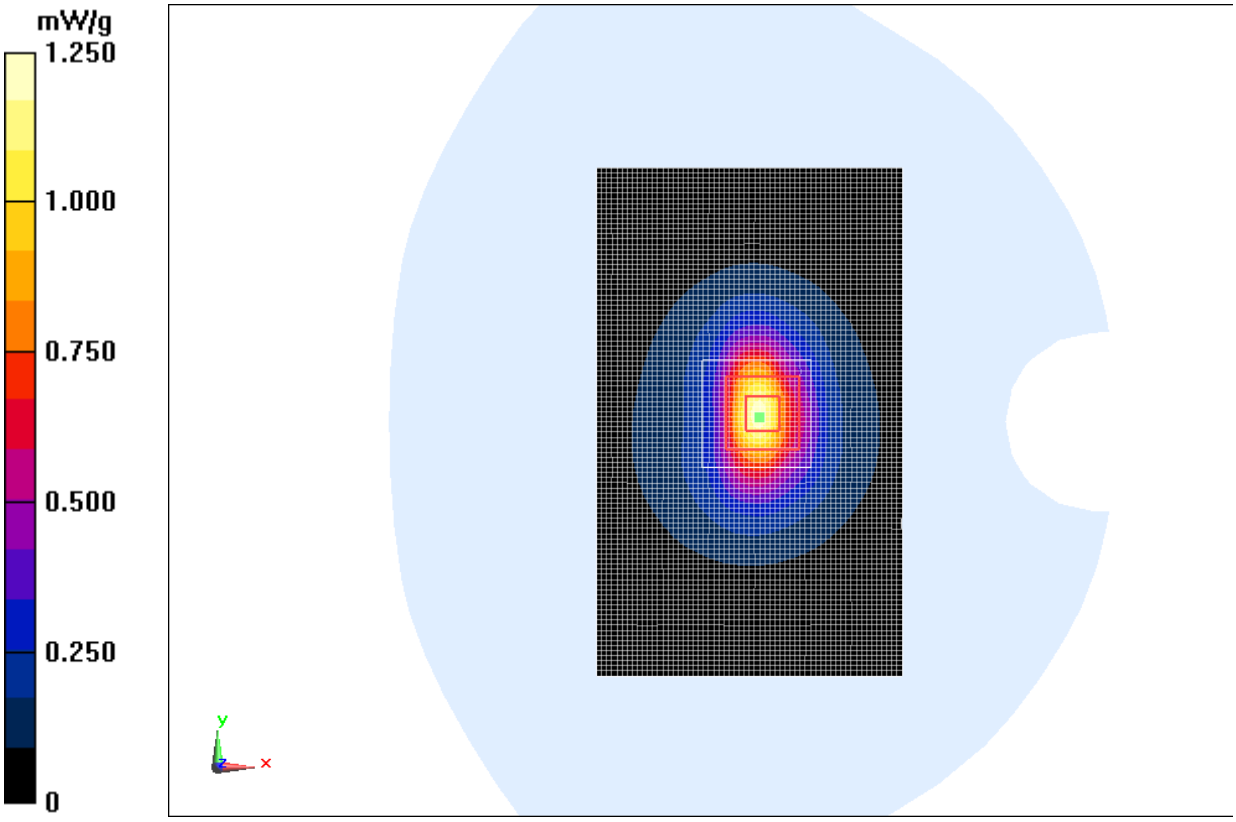

Fig. 88 WCDMA1900 CH9400

WCDMA 1900 Body Bottom Side Low

Date: 2012-8-2

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.458 mho/m; εr = 52.82; ρ = 1000 kg/m^3

Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C

Communication System: WCDMA 1900 Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

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

Maximum value of SAR (interpolated) = 1.01 mW/g

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

Reference Value = 26.272 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.432 mW/g

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.508 mW/g

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

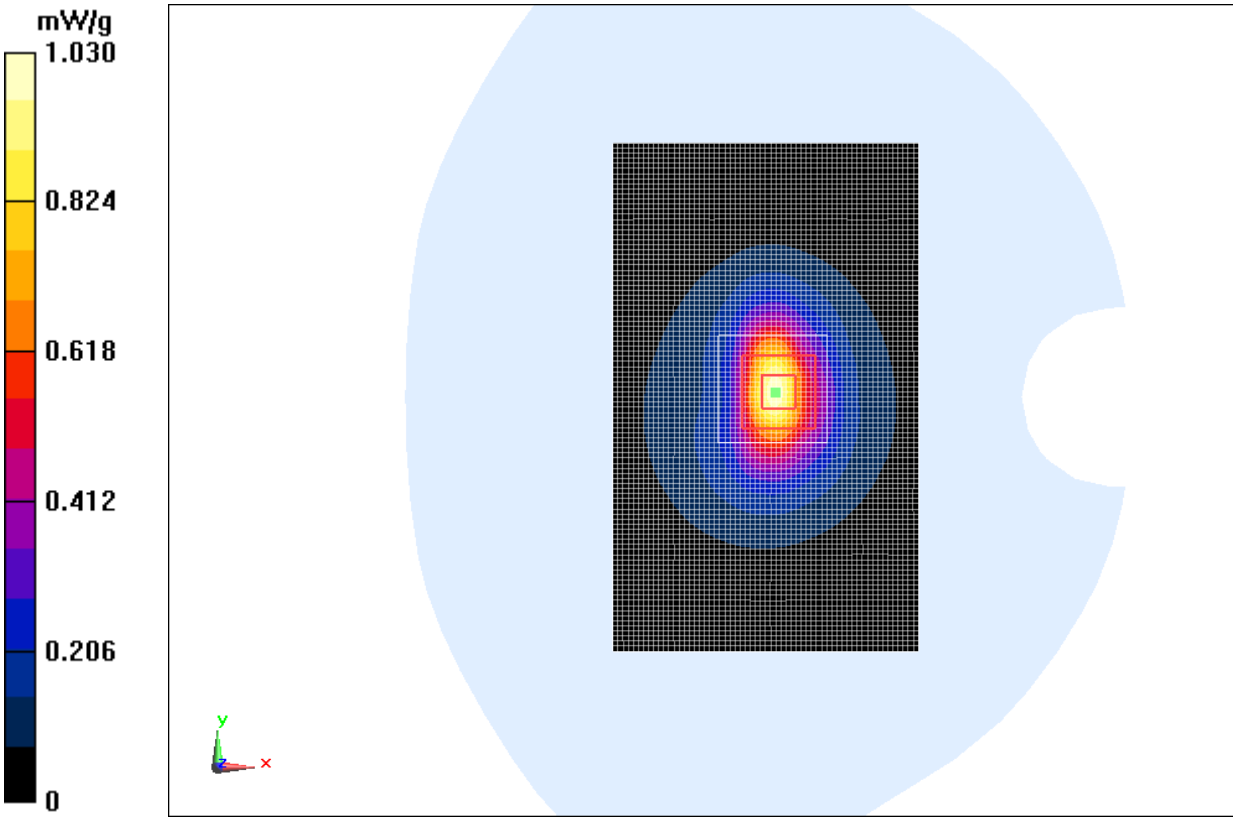

Fig. 89 WCDMA1900 CH9262

WCDMA 1900 Body Bottom Side High with Headset CCB3160A11C2

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.366 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.593 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.563 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

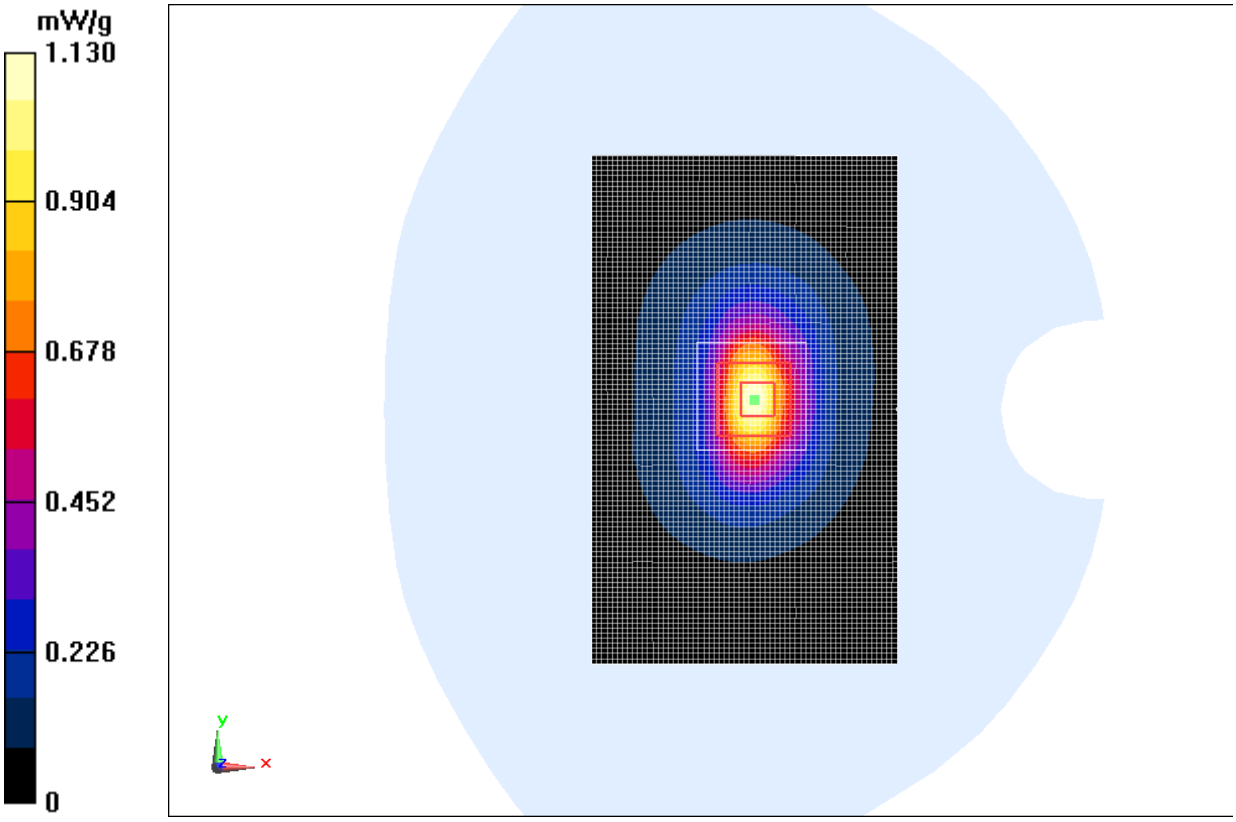

Fig. 90 WCDMA1900 CH9538

WCDMA 1900 Body Bottom Side High with Headset CCB3160A11C4

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.094 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.869 mW/g
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.30 mW/g

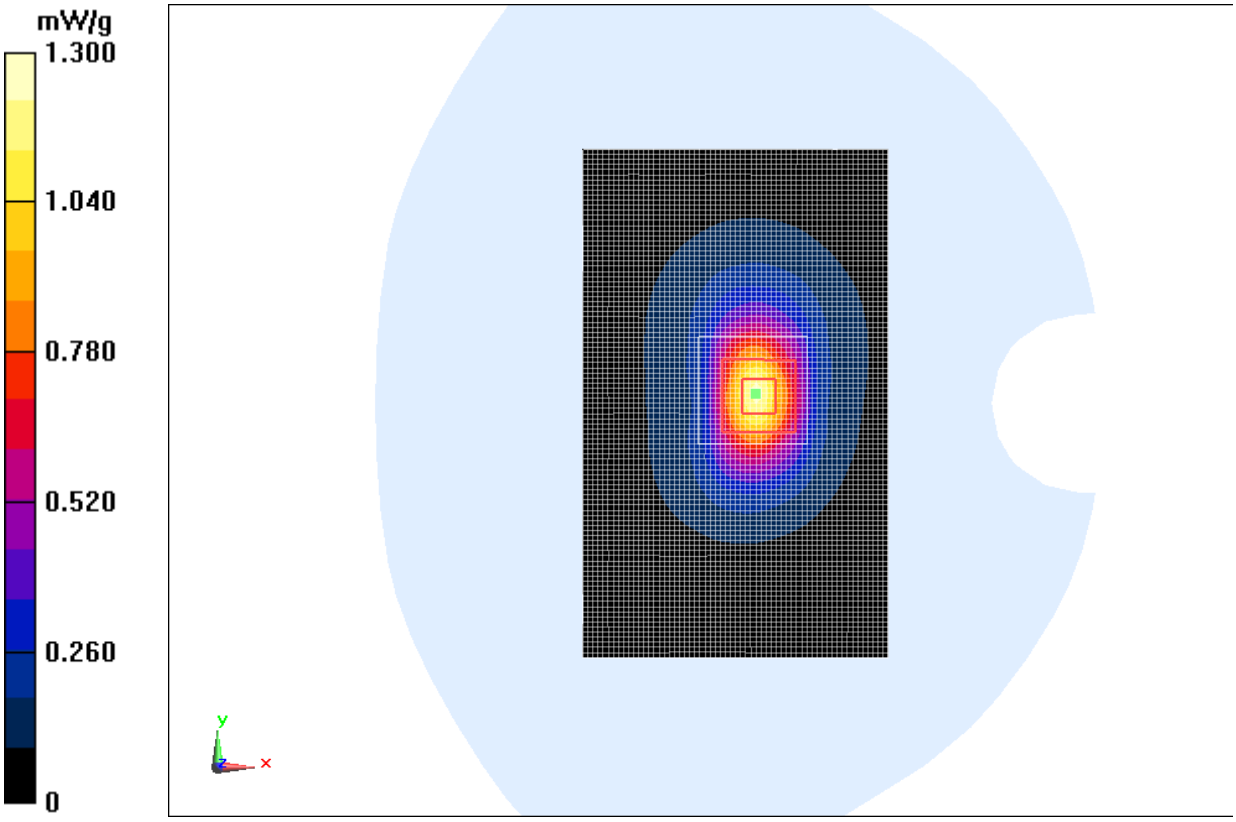

Fig. 91 WCDMA1900 CH9538

WCDMA 1900 Body Bottom Side High with battery CAB31P0000C1

Date: 2012-8-2
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.517 mho/m; εr = 52.579; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: WCDMA 1900 Frequency: 1907.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.952 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.872 mW/g
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.30 mW/g

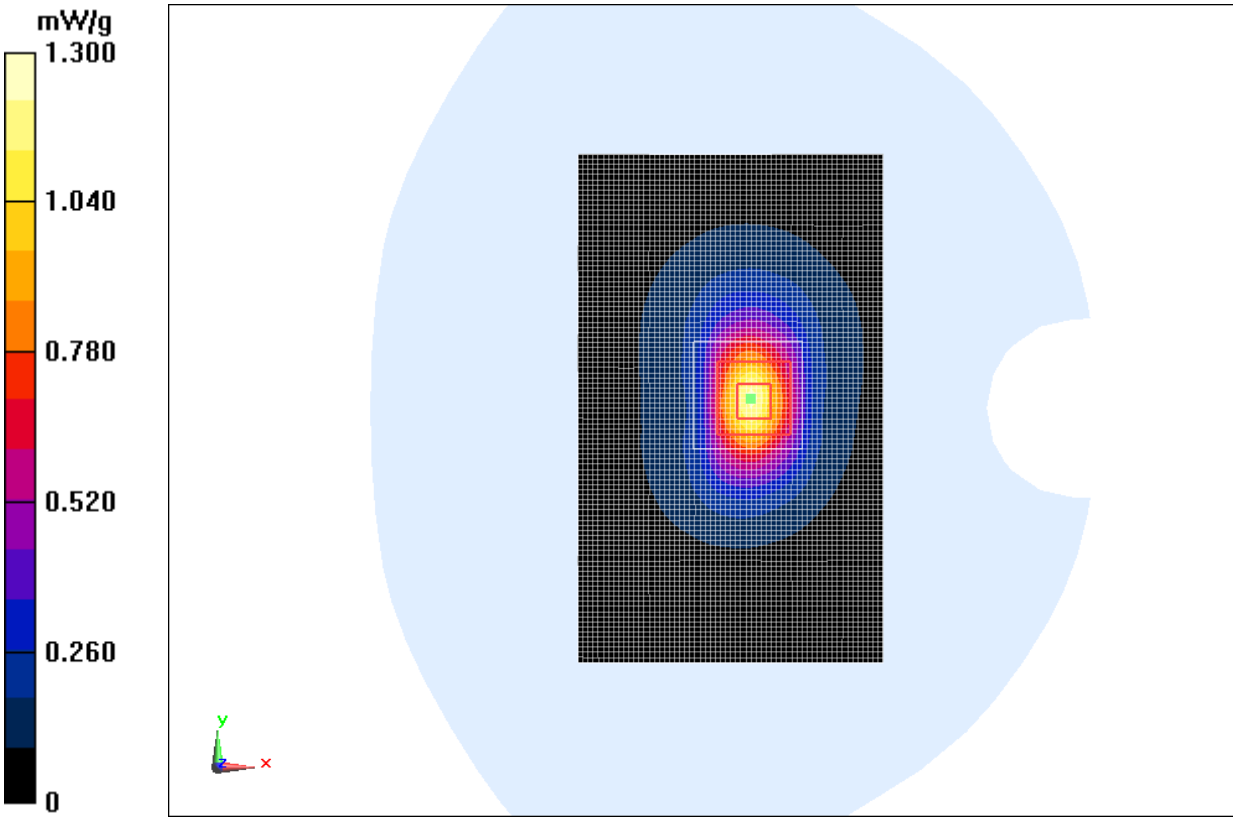

Fig. 92 WCDMA1900 CH9538

Wifi Left Cheek Low
Date: 2012-7-27
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.806 mho/m; εr = 38.844; ρ = 1000 kg/m^3
Ambient Temperature:22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2412 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Cheek Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0513 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.856 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.072 mW/g
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.0453 mW/g
Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.856 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.082 mW/g
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.0482 mW/g

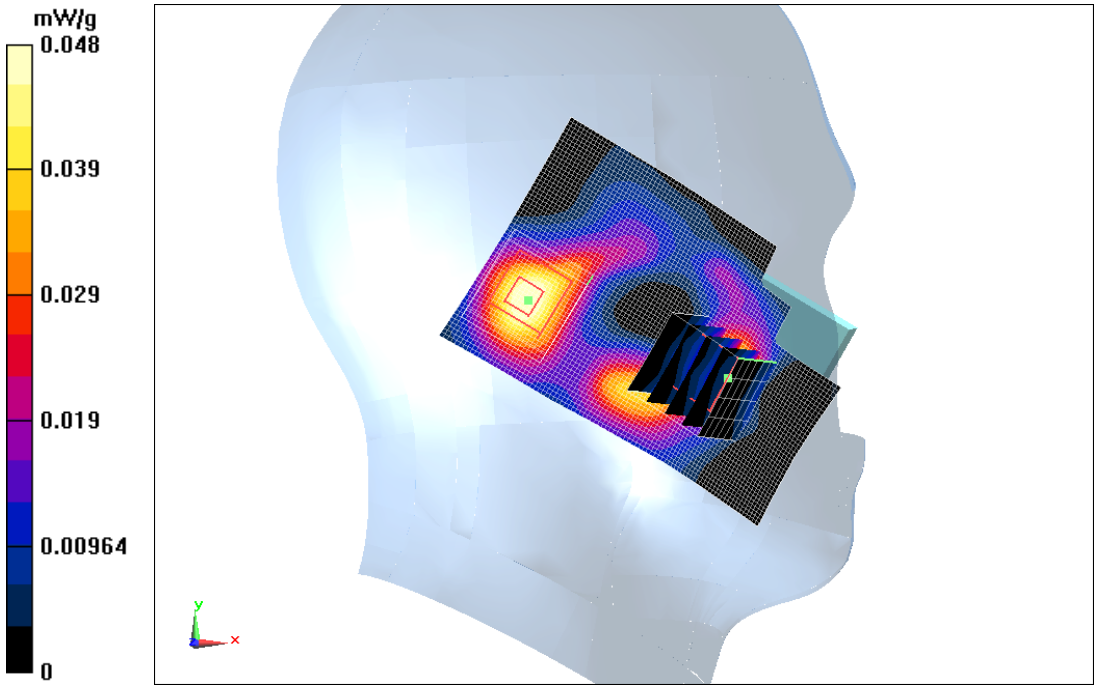

Fig. 93 2450 MHz CH1

Wifi Left Tilt Low
Date: 2012-7-27
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.806 mho/m; εr = 38.844; ρ = 1000 kg/m^3
Ambient Temperature:22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2412 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Tilt Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0198 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.490 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.039 mW/g
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00967 mW/g
Maximum value of SAR (measured) = 0.0219 mW/g

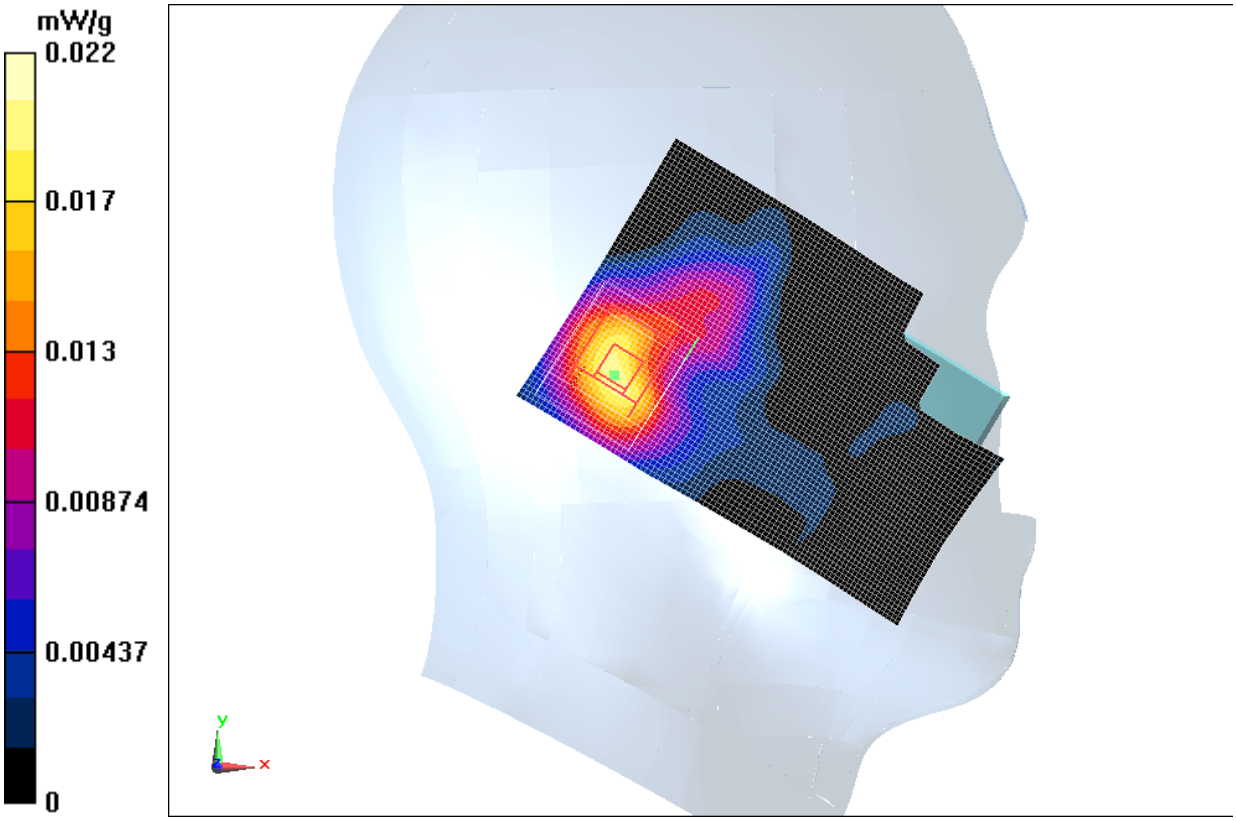

Fig. 94 2450 MHz CH1