1900 Body Towards Ground High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.523 mho/m; εr = 52.651; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:8.3
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) = 0.992 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.440 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.280 mW/g
SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.493 mW/g
Maximum value of SAR (measured) = 0.890 mW/g

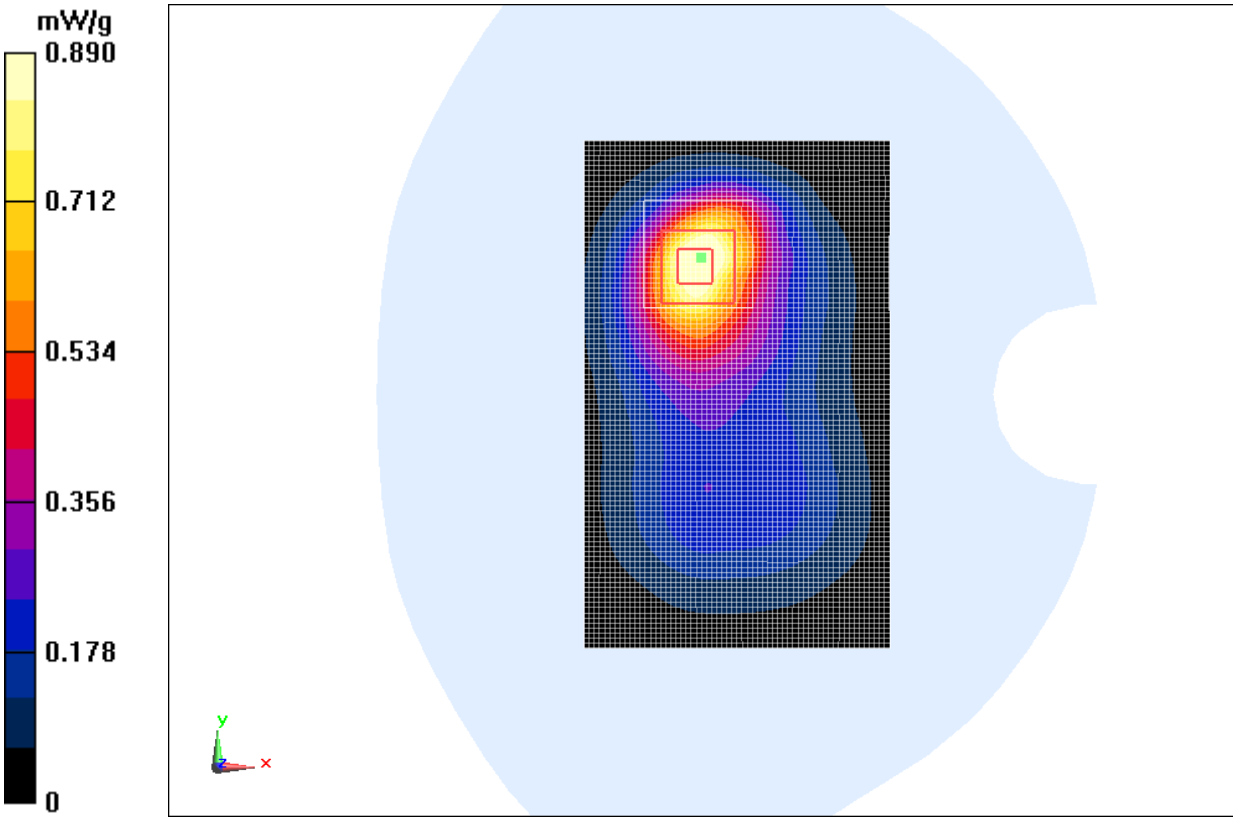

Fig. 40 1900 MHz CH810

1900 Body Towards Ground Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 1.18 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.791 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.625 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.620 mW/g
Maximum value of SAR (measured) = 1.14 mW/g

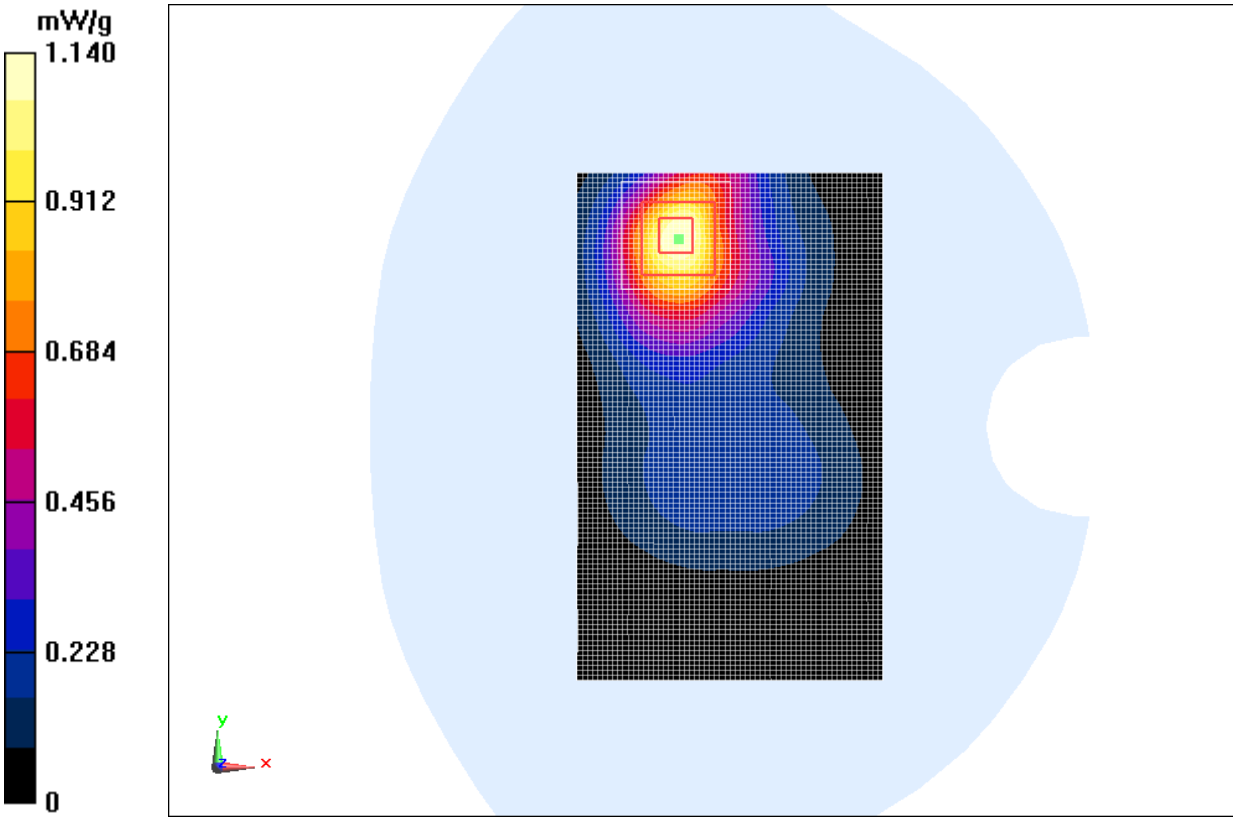

Fig. 41 1900 MHz CH661

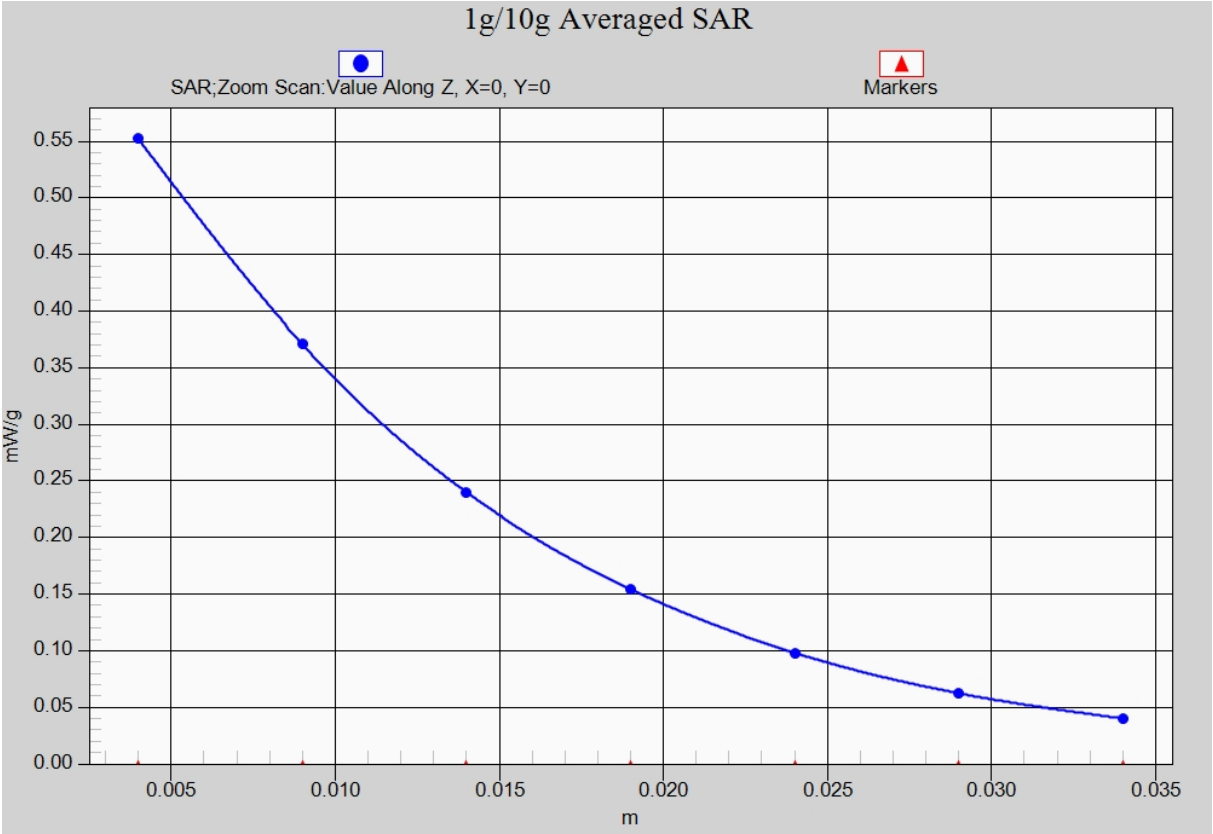

Fig. 41-1 Z-Scan at power reference point (1900 MHz CH661)

1900 Body Towards Ground Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.46 mho/m; εr = 52.908; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:8.3
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) = 1.16 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.728 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.554 mW/g
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.08 mW/g

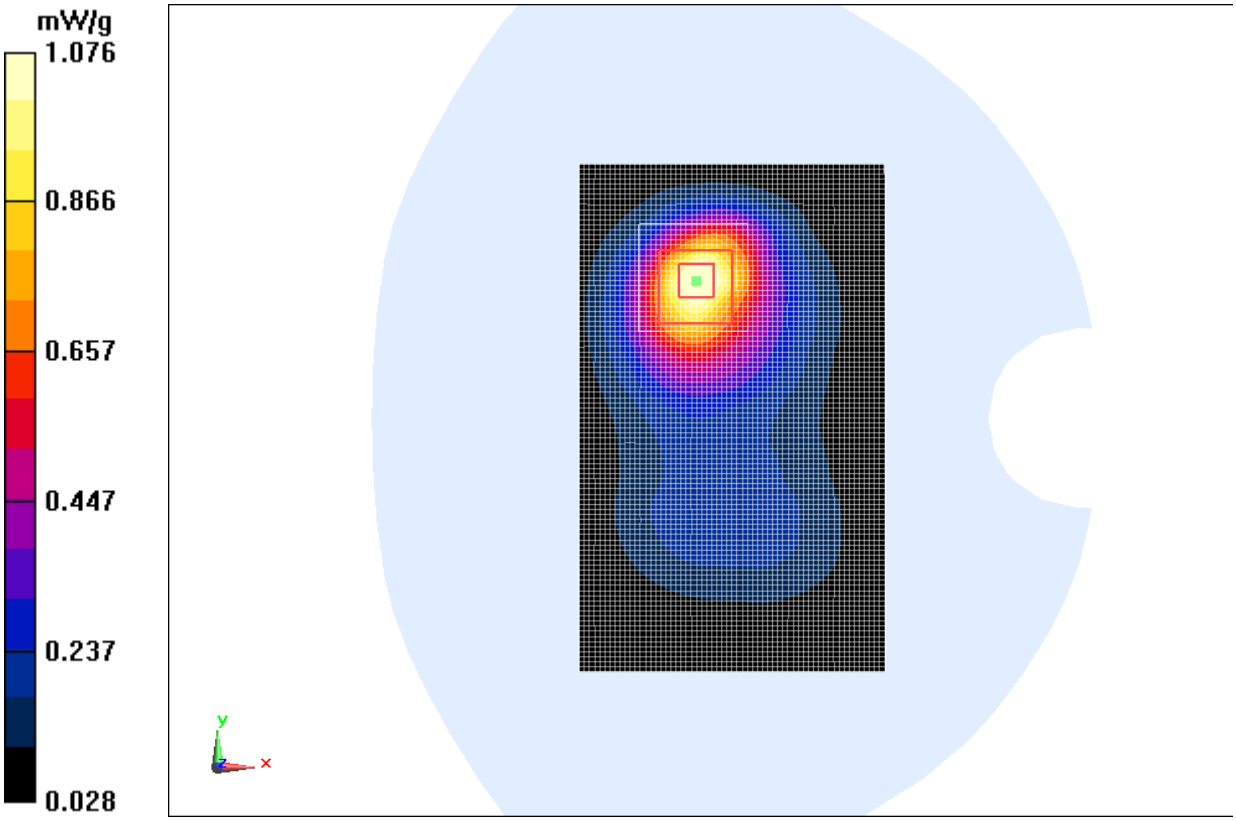

Fig. 42 1900 MHz CH512

1900 Body Left Side Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Left Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.219 mW/g

Left Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.524 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.296 mW/g
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.211 mW/g

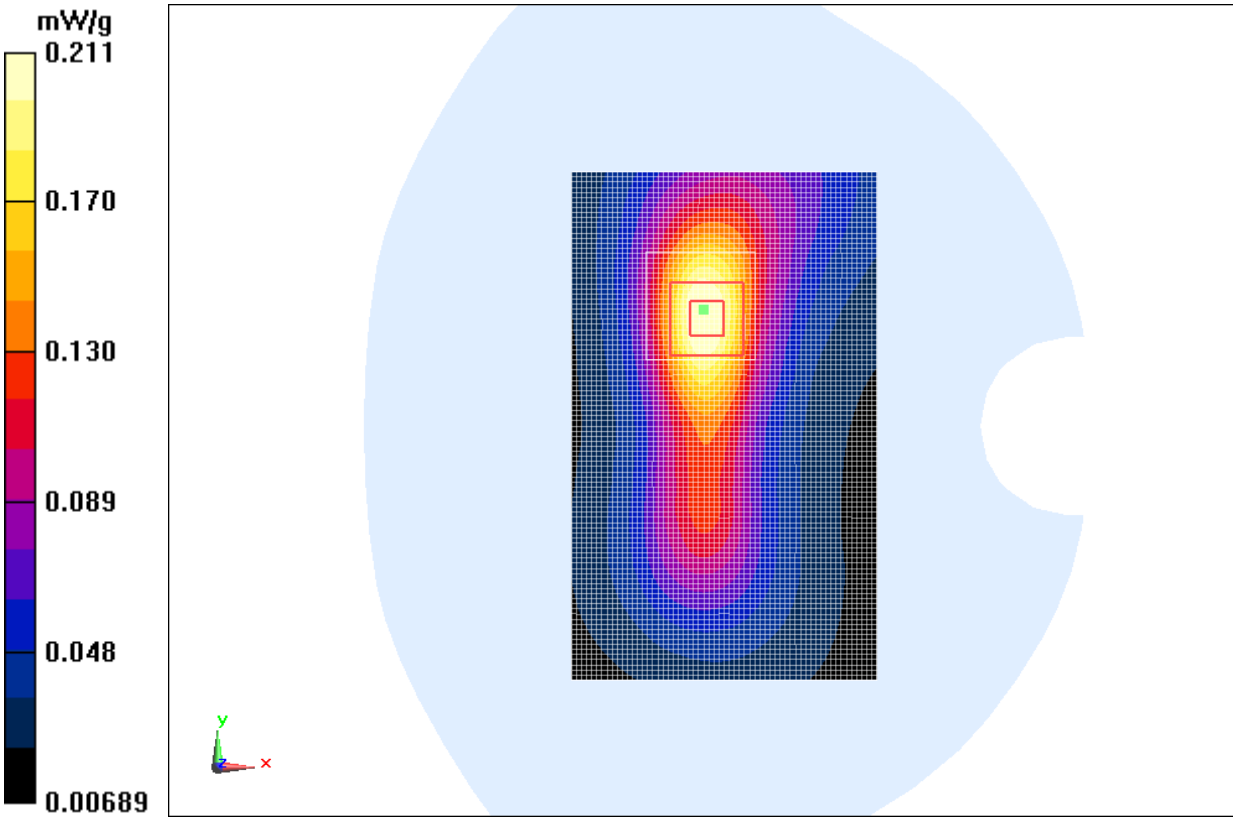

Fig. 43 1900 MHz CH661

1900 Body Right Side Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Right Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.140 mW/g

Right Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.412 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.192 mW/g
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.139 mW/g
Right Side Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.412 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.132 mW/g
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.0929 mW/g

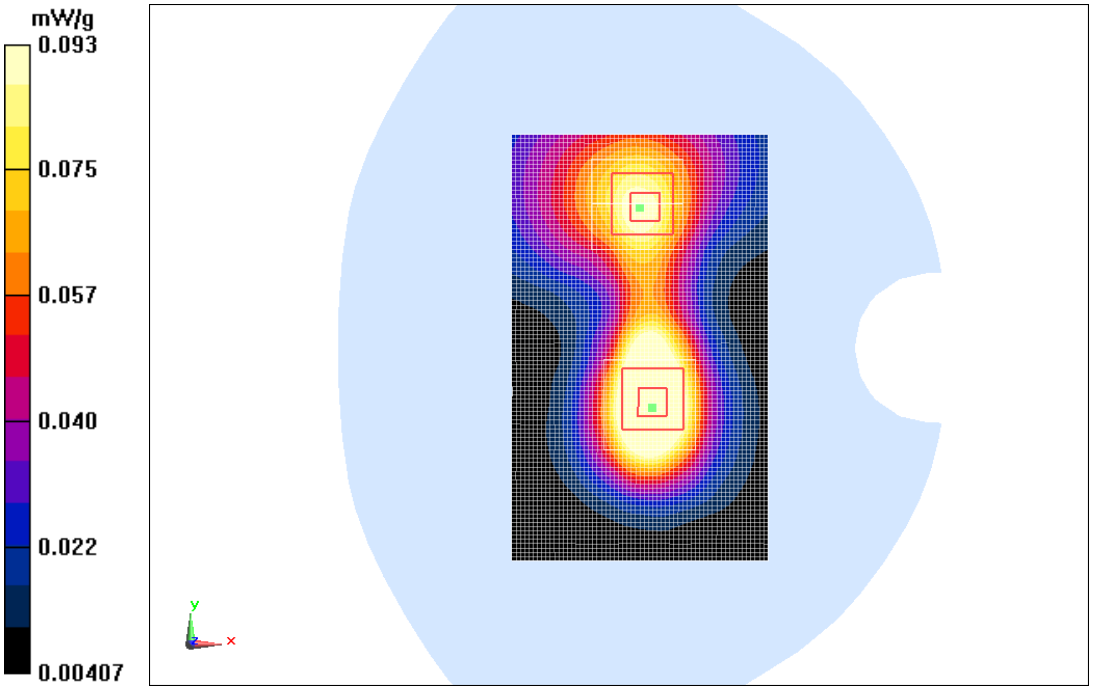

Fig. 44 1900 MHz CH661

1900 Body Bottom Side Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.379 mW/g

Bottom Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.089 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.527 mW/g
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.382 mW/g

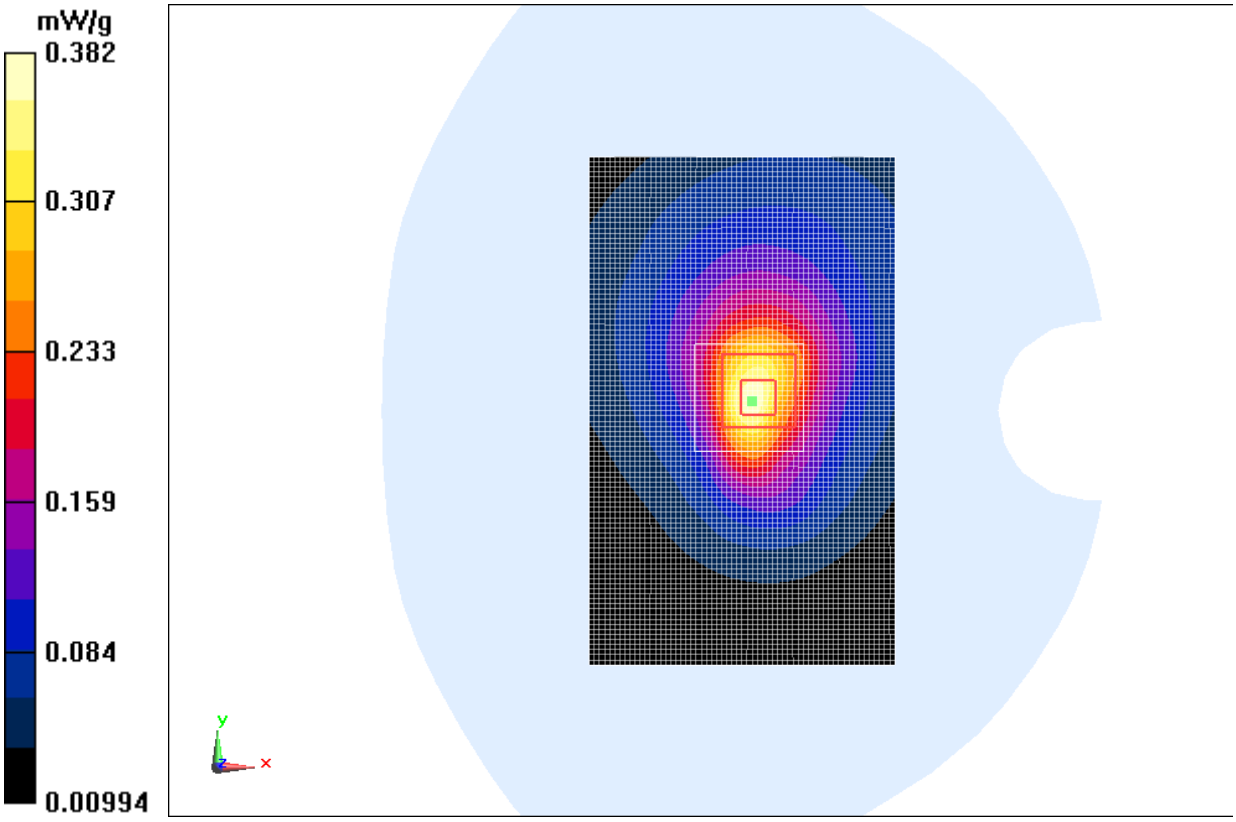

Fig. 45 1900 MHz CH661

1900 Body Towards Ground Middle with EGPRS

Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz EGPRS Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.974 mW/g

Toward Ground Middle EGPRS/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.132 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.269 mW/g
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.483 mW/g
Maximum value of SAR (measured) = 0.879 mW/g

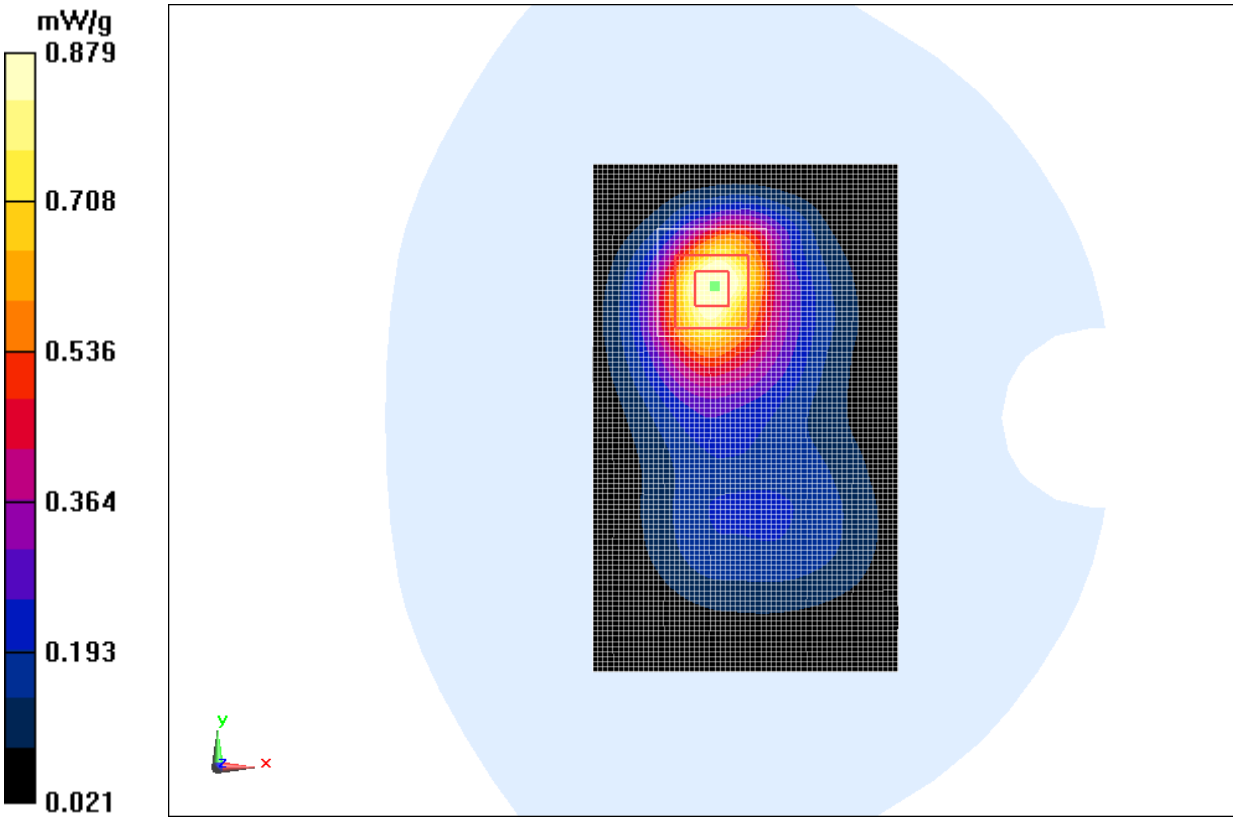

Fig. 46 1900 MHz CH661

1900 Body Towards Ground Middle with Headset CCB3000A12C1
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.898 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.478 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.196 mW/g
SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.830 mW/g

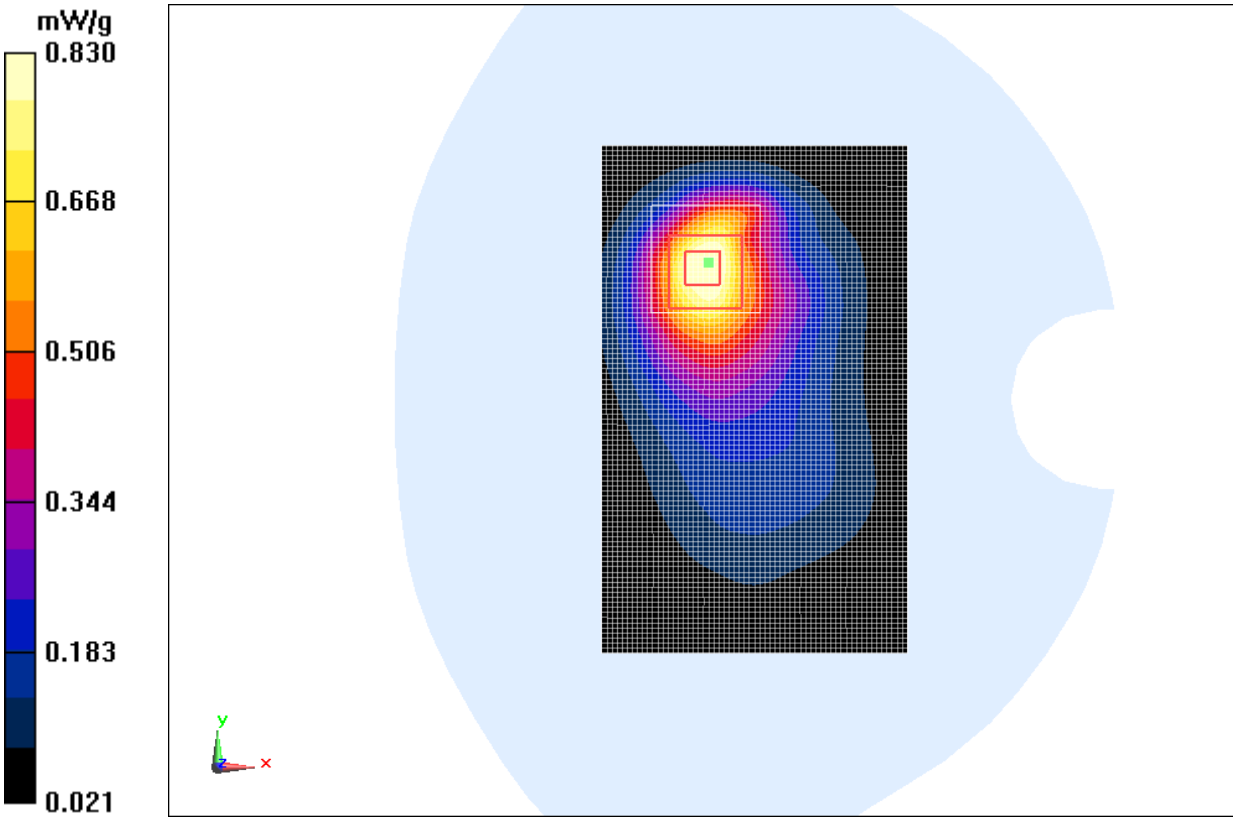

Fig. 47 1900 MHz CH661

1900 Body Towards Ground Middle with Headset CCB3000A12C2
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.945 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.722 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.251 mW/g
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.478 mW/g
Maximum value of SAR (measured) = 0.862 mW/g

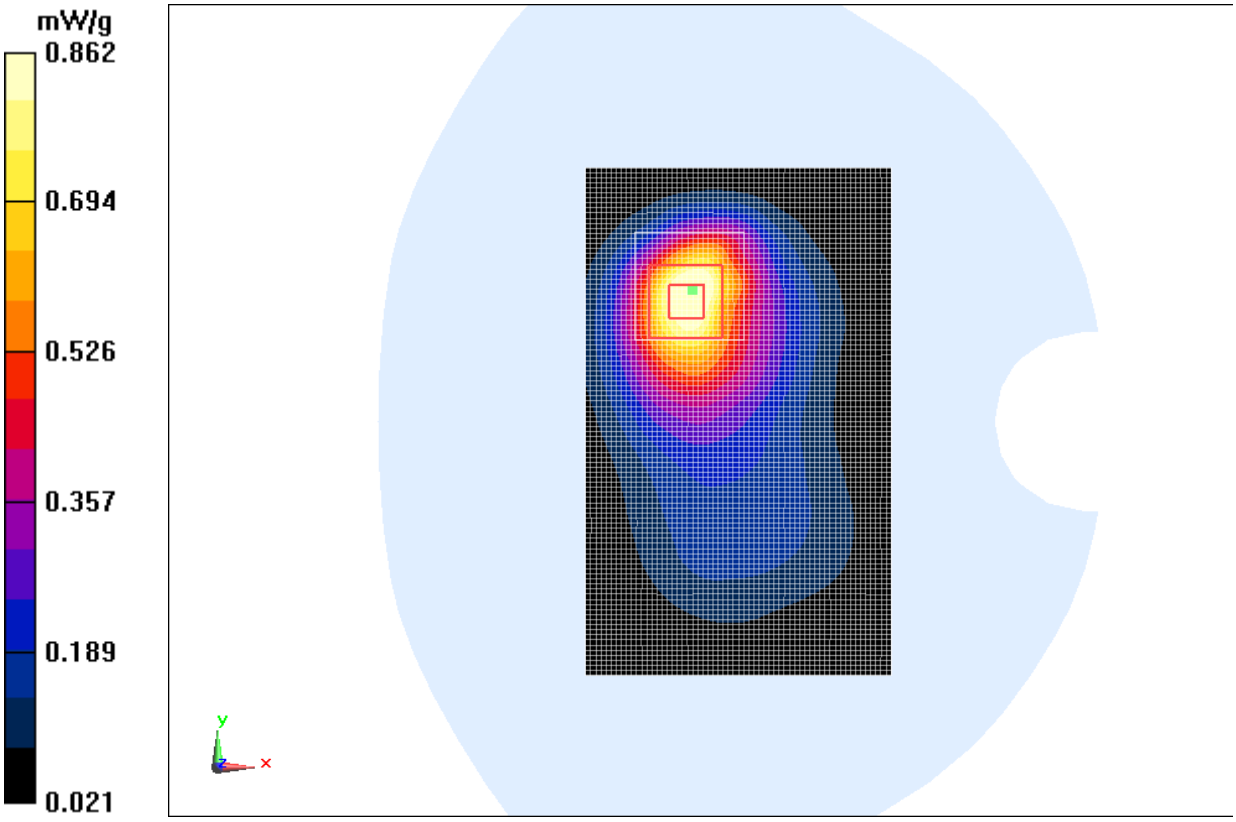

Fig. 48 1900 MHz CH661

WCDMA 850 Left Cheek High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.896 mho/m; εr = 40.858; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.755 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.516 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.985 mW/g
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.495 mW/g
Maximum value of SAR (measured) = 0.747 mW/g

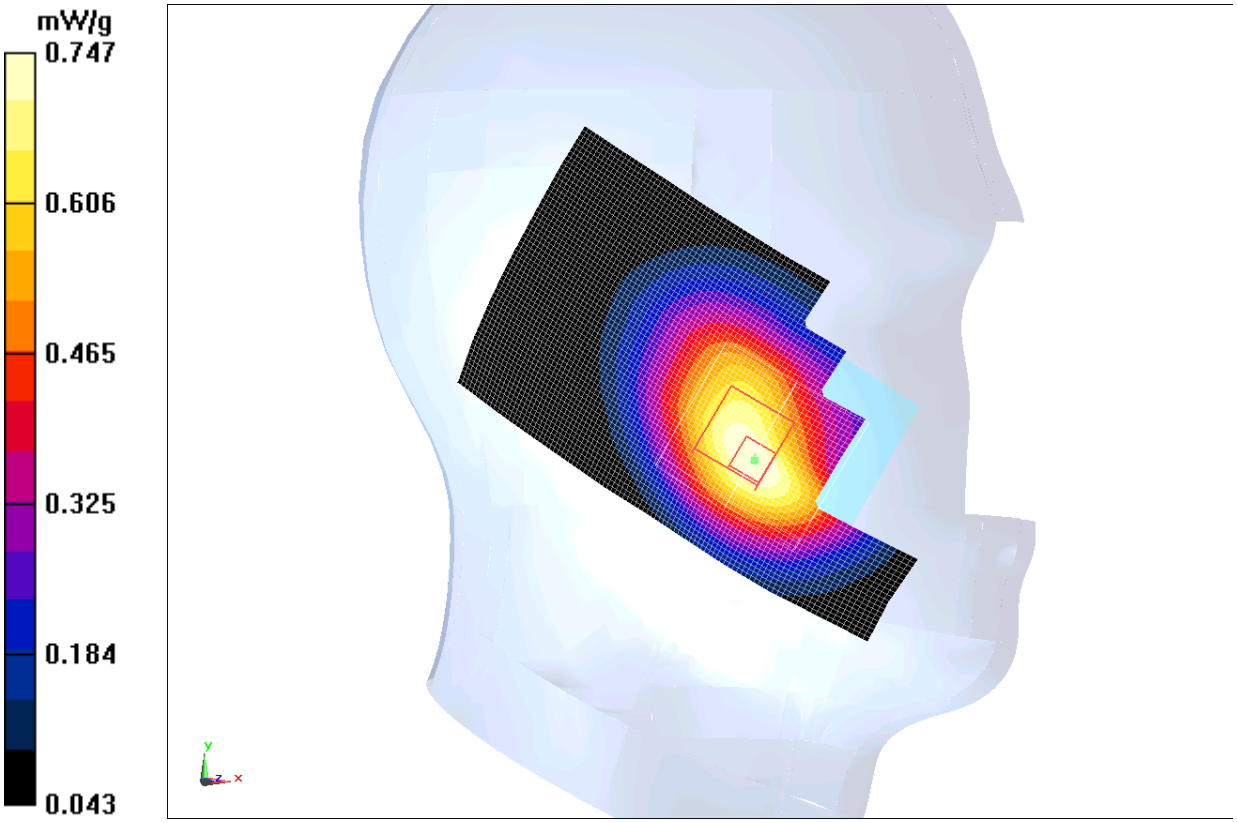

Fig. 49 WCDMA 850 CH4233

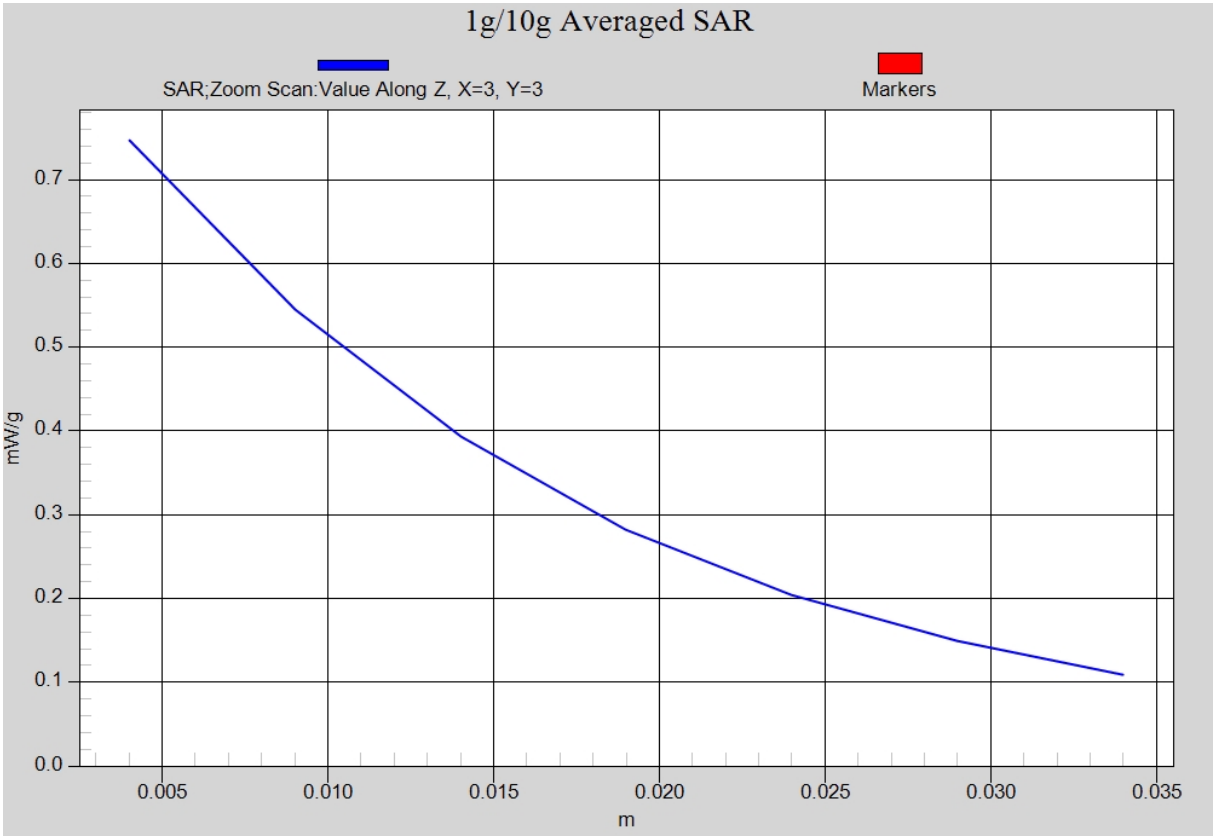

Fig. 49-1 Z-Scan at power reference point (WCDMA 850 CH4233)

WCDMA 850 Left Cheek Middle
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.885 mho/m; εr = 41.025; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.727 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.620 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.940 mW/g
SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.478 mW/g
Maximum value of SAR (measured) = 0.715 mW/g

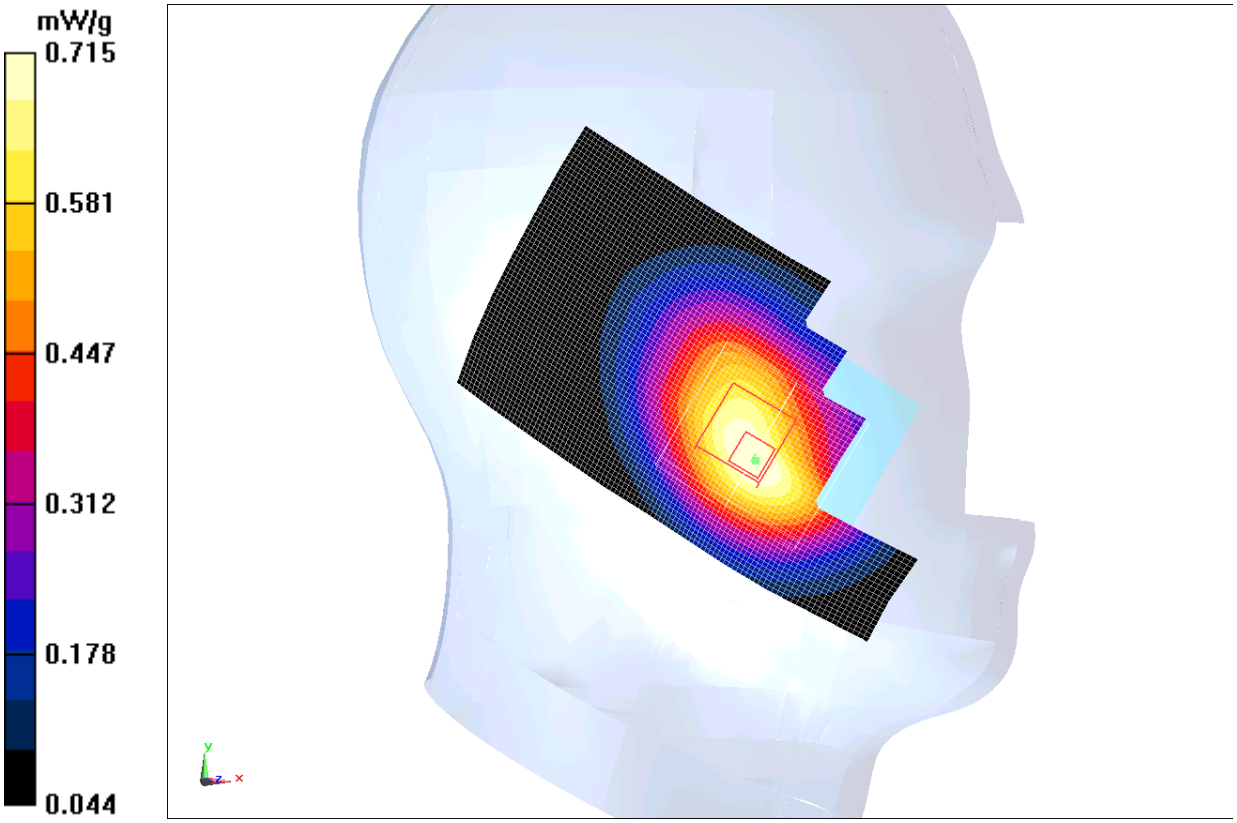

Fig. 50 WCDMA 850 CH4182

WCDMA 850 Left Cheek Low
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.876 mho/m; εr = 41.155; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.482 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.336 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.625 mW/g
SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.321 mW/g
Maximum value of SAR (measured) = 0.477 mW/g

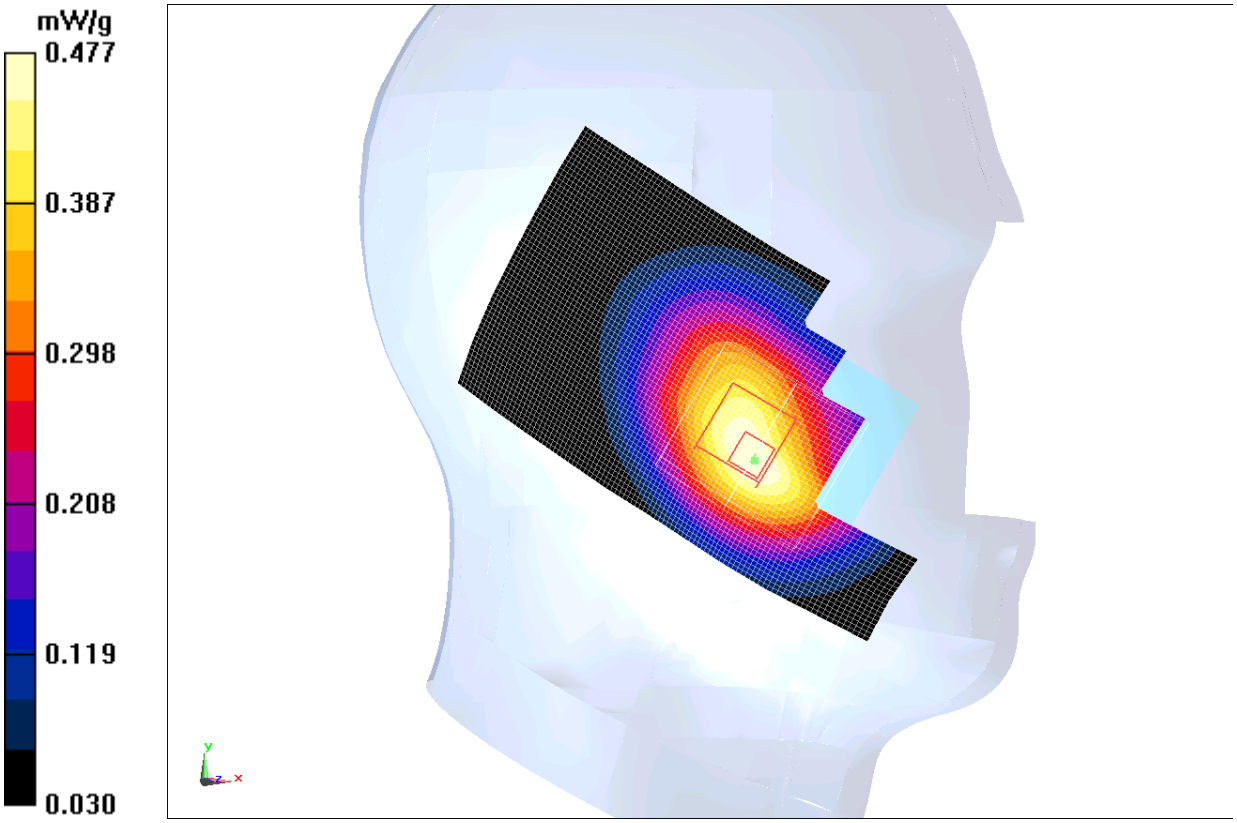

Fig. 51 WCDMA 850 CH4132

WCDMA 850 Left Tilt High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.896 mho/m; εr = 40.858; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.353 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.750 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.409 mW/g
SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.349 mW/g

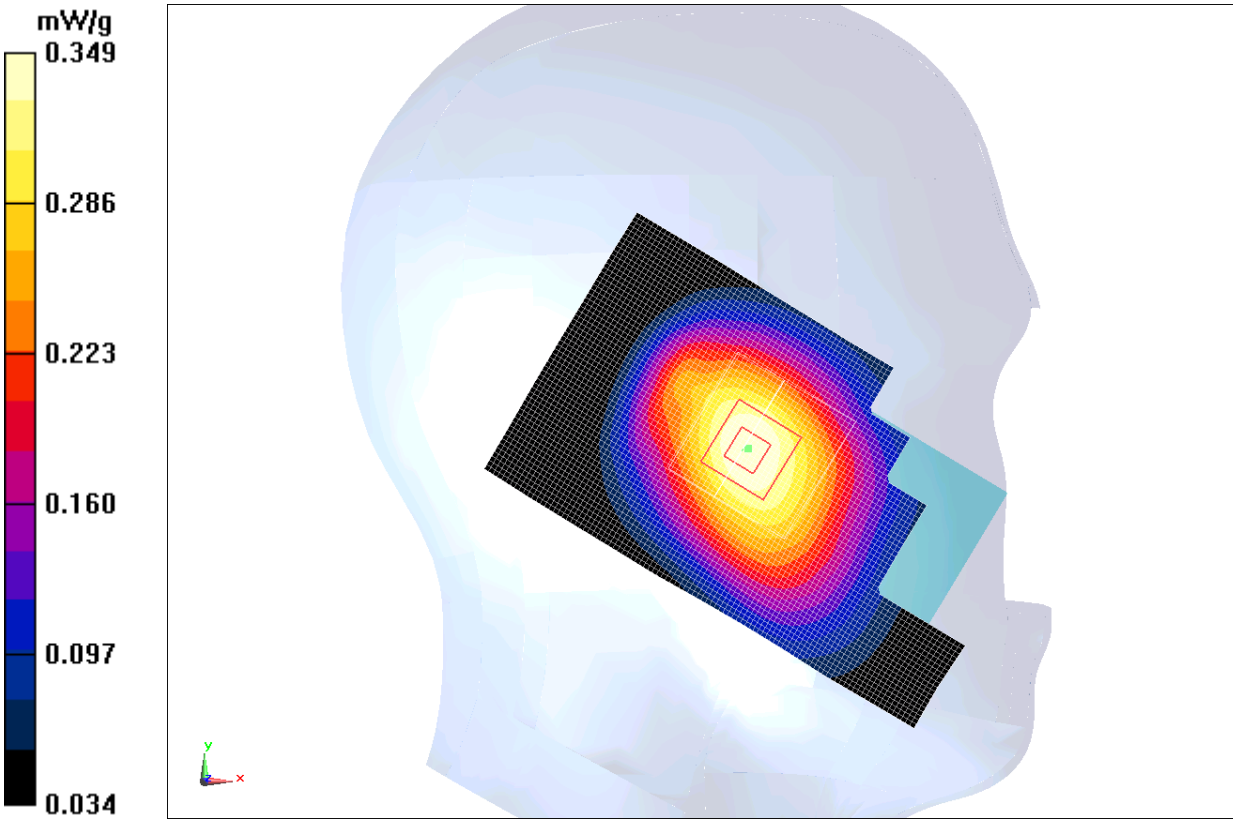

Fig. 52 WCDMA 850 CH4233

WCDMA 850 Left Tilt Middle
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.885 mho/m; εr = 41.025; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.364 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.418 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.422 mW/g
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.360 mW/g

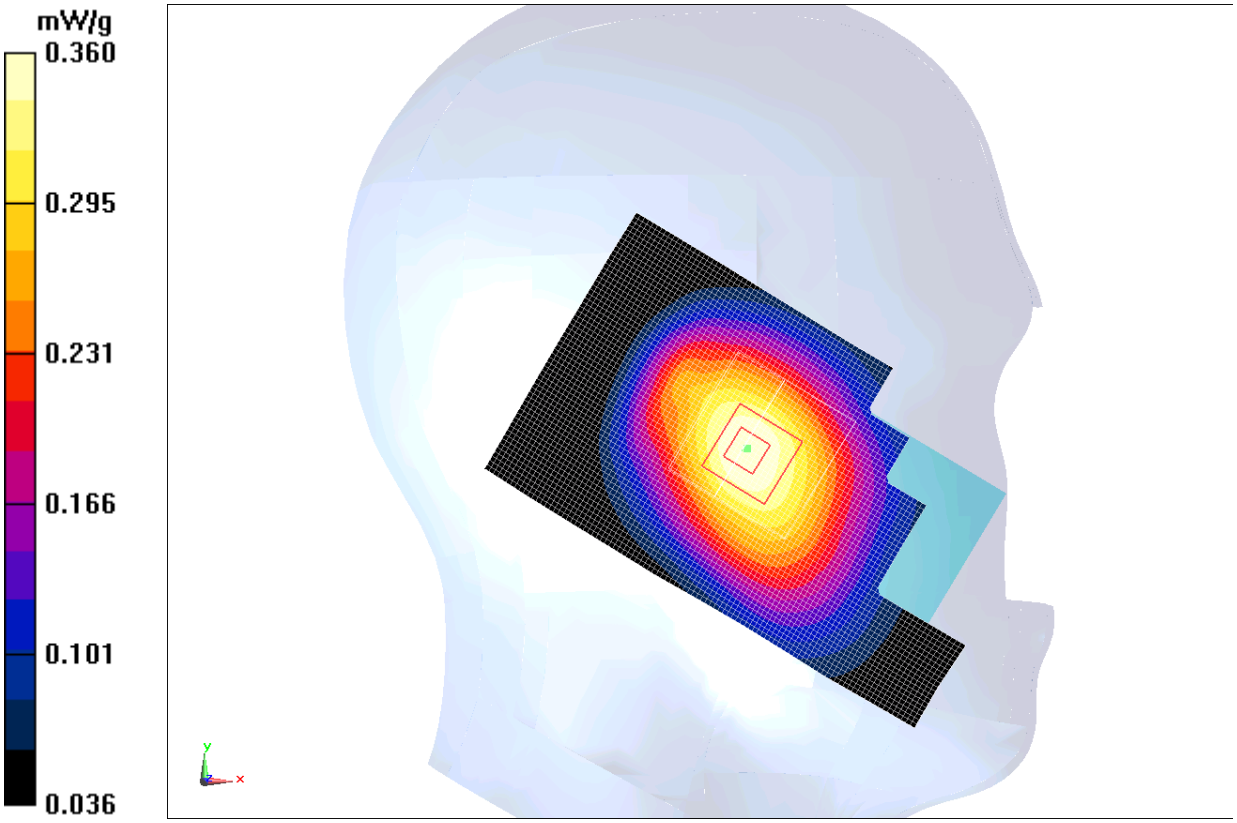

Fig. 53 WCDMA 850 CH4182

WCDMA 850 Left Tilt Low
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.876 mho/m; εr = 41.155; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.250 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.103 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.289 mW/g
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.245 mW/g

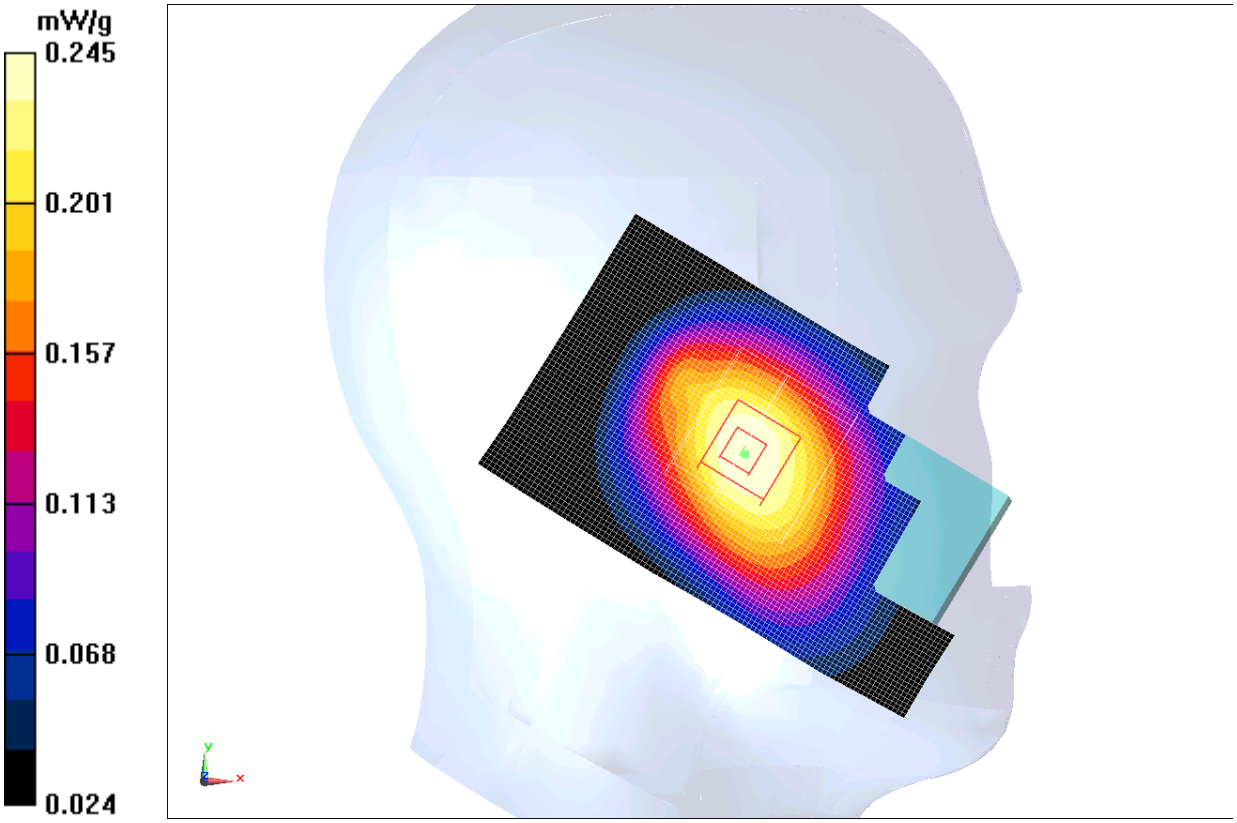

Fig. 54 WCDMA 850 CH4132

WCDMA 850 Right Cheek High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.896 mho/m; εr = 40.858; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.641 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.366 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.783 mW/g
SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.458 mW/g
Maximum value of SAR (measured) = 0.639 mW/g

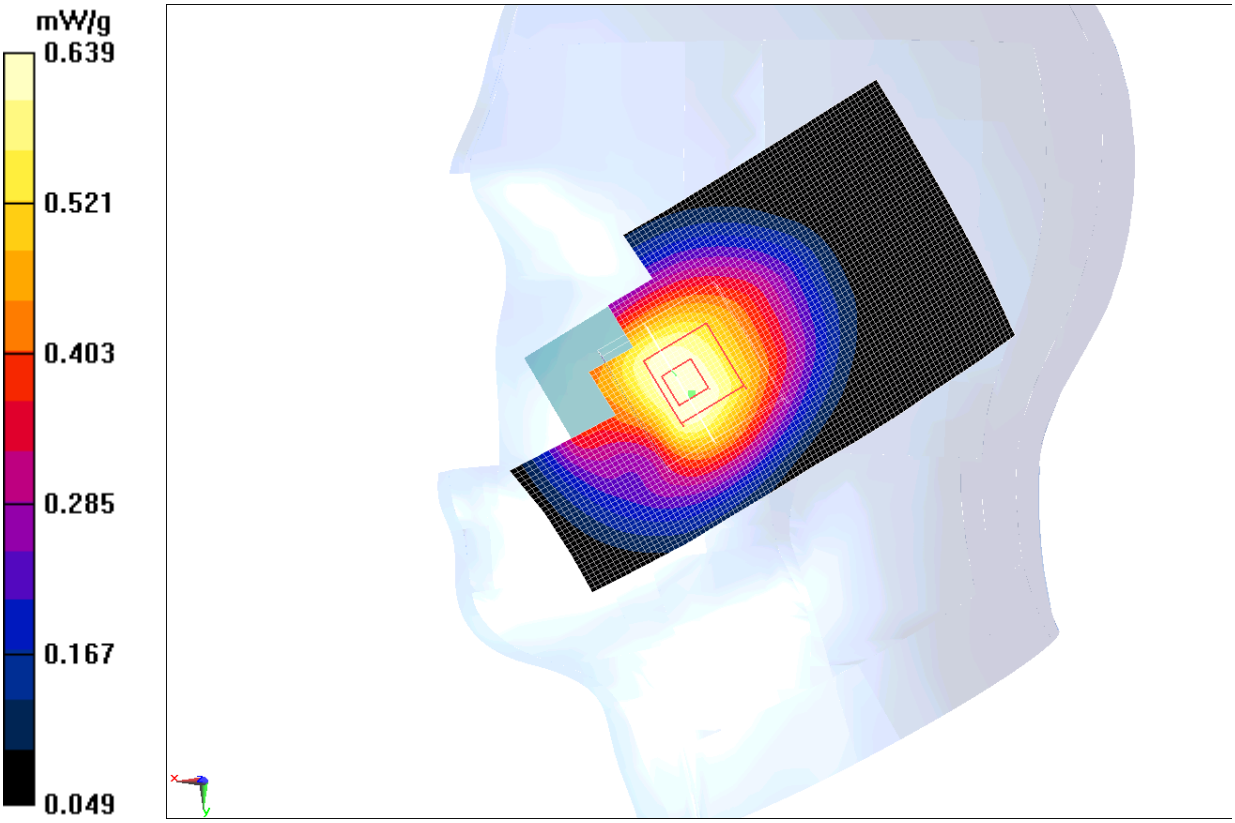

Fig. 55 WCDMA 850 CH4233

WCDMA 850 Right Cheek Middle
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.885 mho/m; εr = 41.025; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.628 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.322 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.753 mW/g
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.448 mW/g
Maximum value of SAR (measured) = 0.620 mW/g

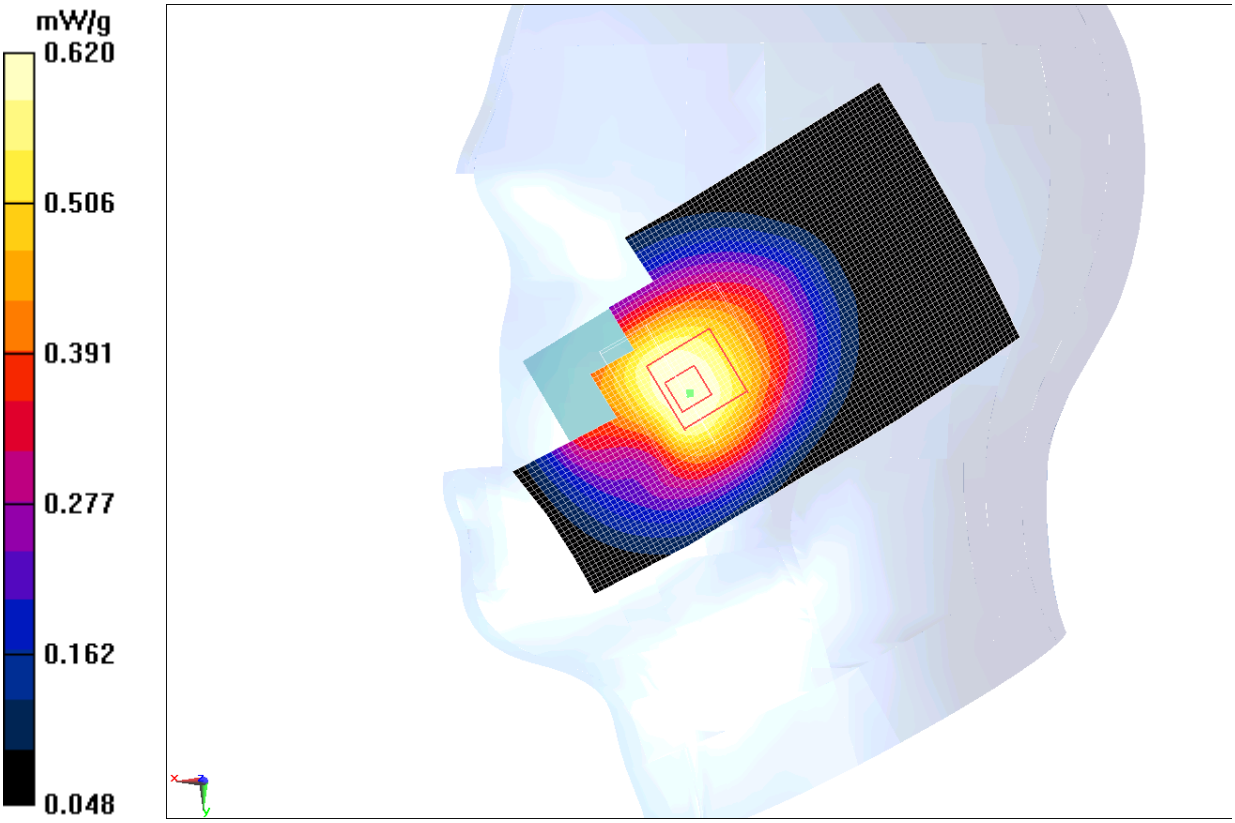

Fig. 56 WCDMA 850 CH4182

WCDMA 850 Right Cheek Low
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.876 mho/m; εr = 41.155; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.438 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.221 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.501 mW/g
SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.416 mW/g

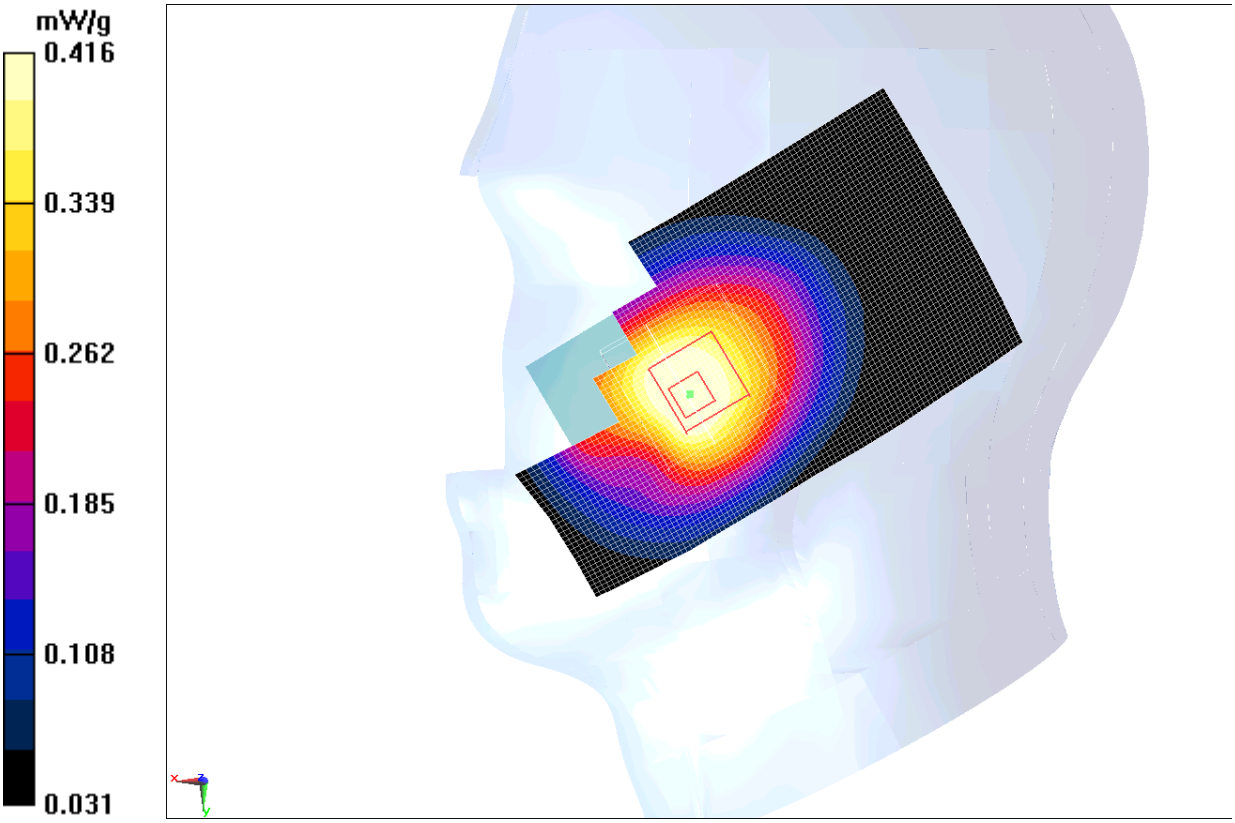

Fig. 57 WCDMA 850 CH4132

WCDMA 850 Right Tilt High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.896 mho/m; εr = 40.858; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.347 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.312 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.397 mW/g
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.253 mW/g
Maximum value of SAR (measured) = 0.343 mW/g

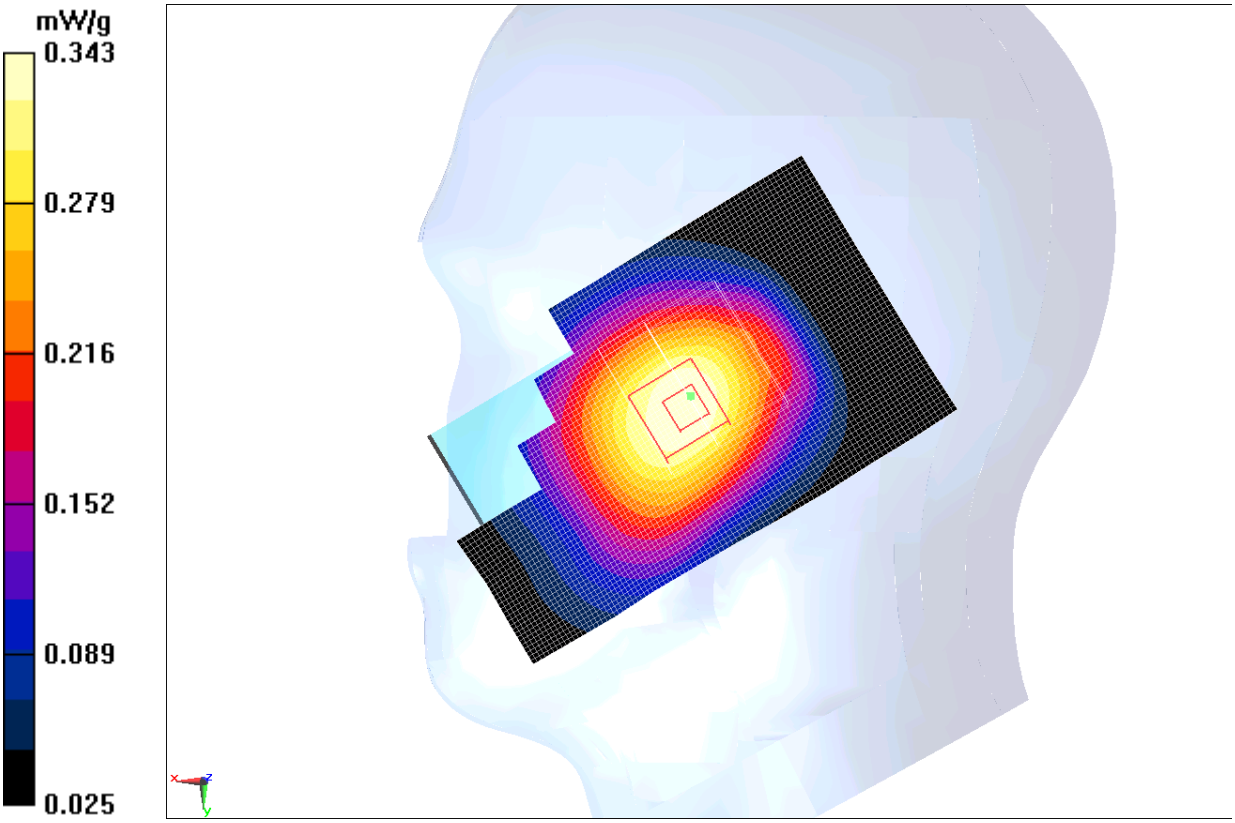

Fig. 58 WCDMA 850 CH4233

WCDMA 850 Right Tilt Middle
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.885 mho/m; εr = 41.025; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.370 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.536 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.427 mW/g
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.274 mW/g
Maximum value of SAR (measured) = 0.369 mW/g

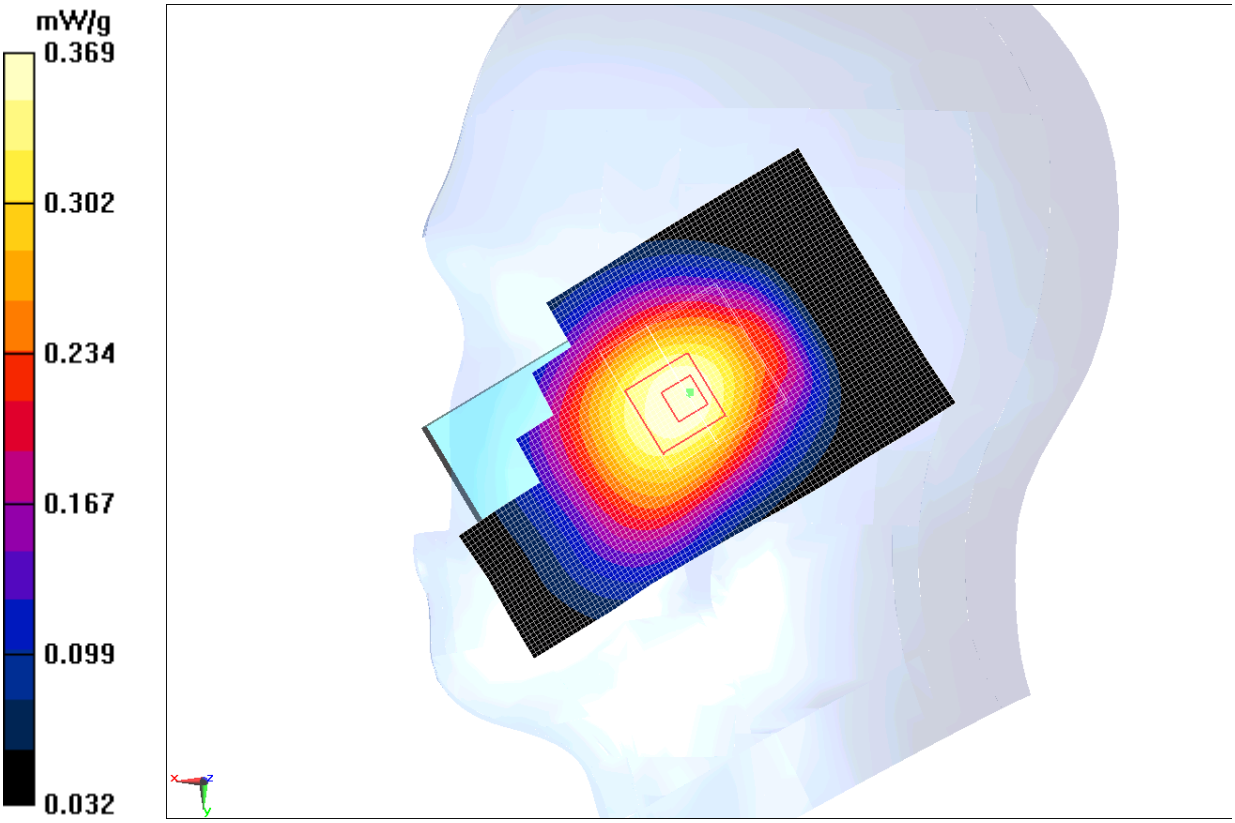

Fig. 59 WCDMA 850 CH4182

WCDMA 850 Right Tilt Low
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.876 mho/m; εr = 41.155; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.252 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.597 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.296 mW/g
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

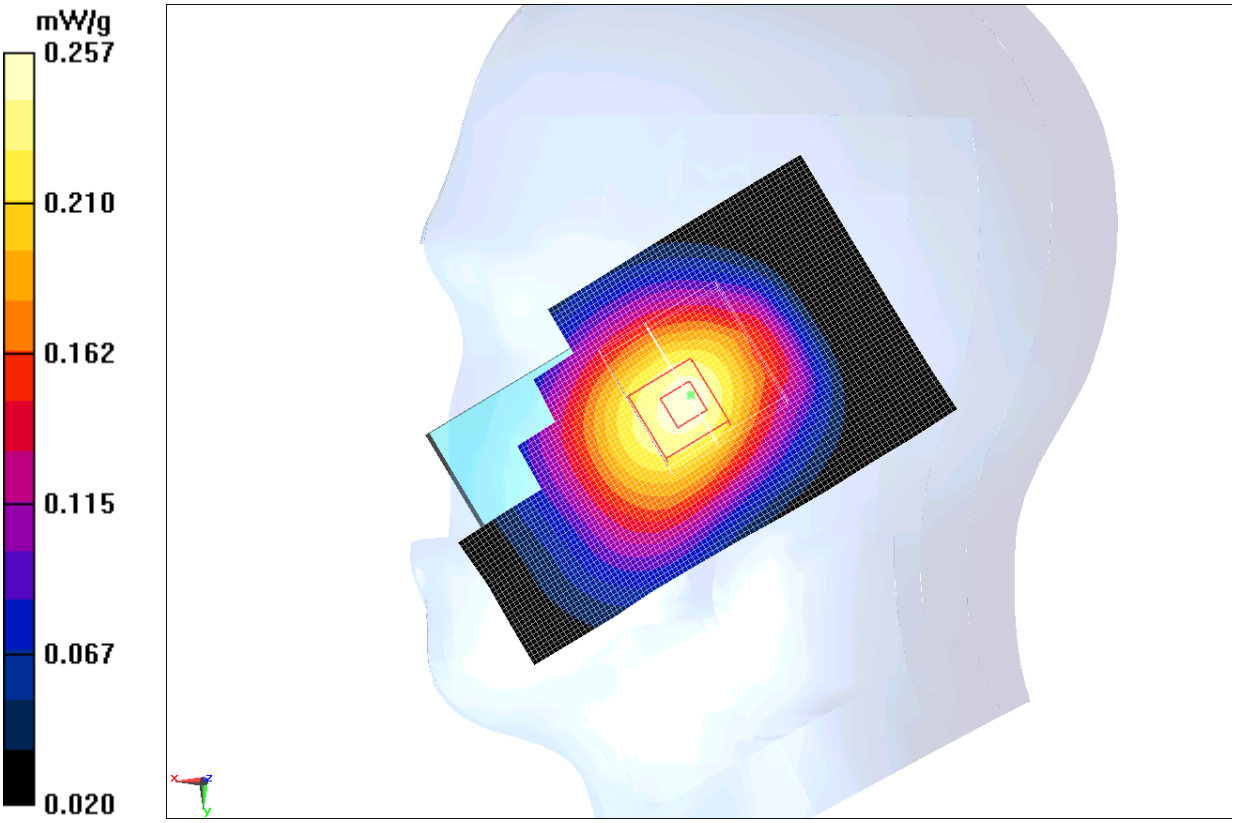

Fig. 60 WCDMA 850 CH4132

WCDMA 850 Body Towards Phantom High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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 Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.938 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.808 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.260 mW/g
SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 0.938 mW/g

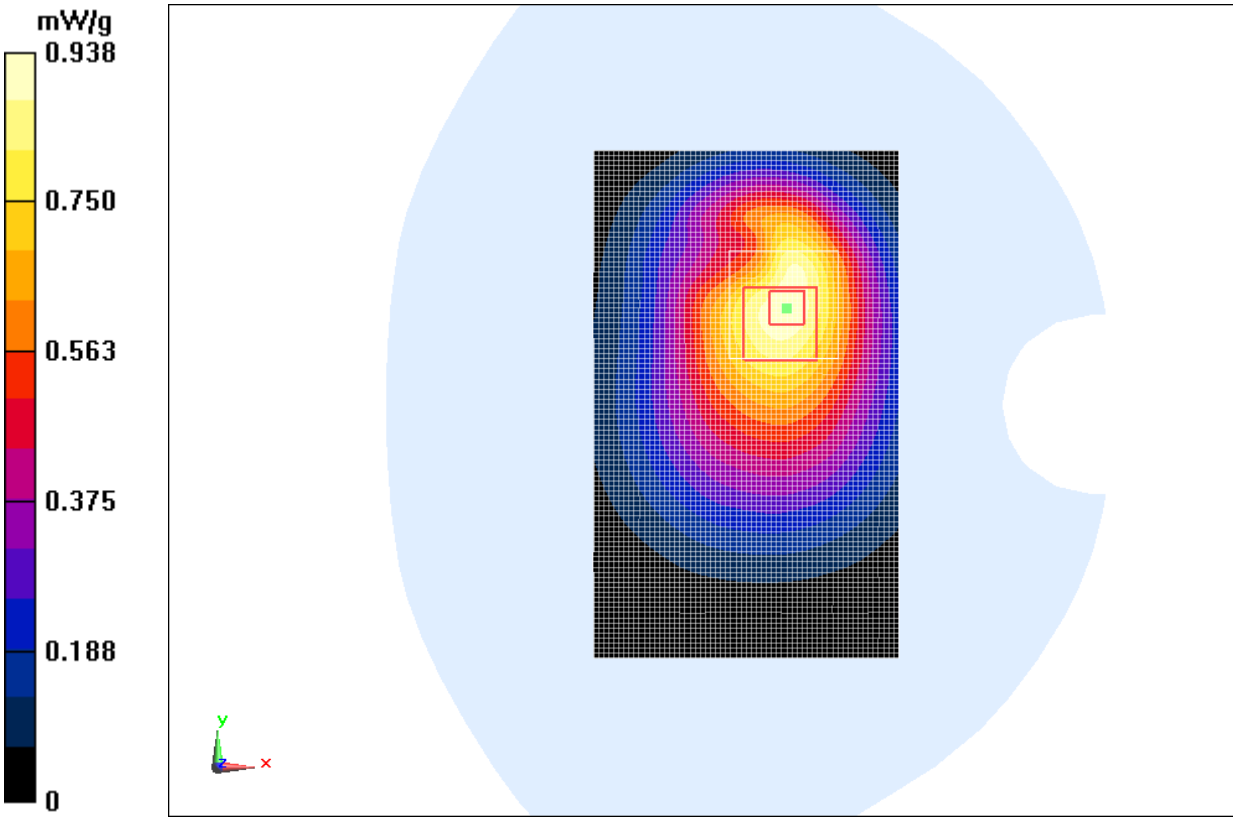

Fig. 61 WCDMA 850 CH4233

WCDMA 850 Body Towards Phantom Middle
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.991 mho/m; εr = 54.418; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.924 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.267 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.238 mW/g
SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.588 mW/g
Maximum value of SAR (measured) = 0.914 mW/g

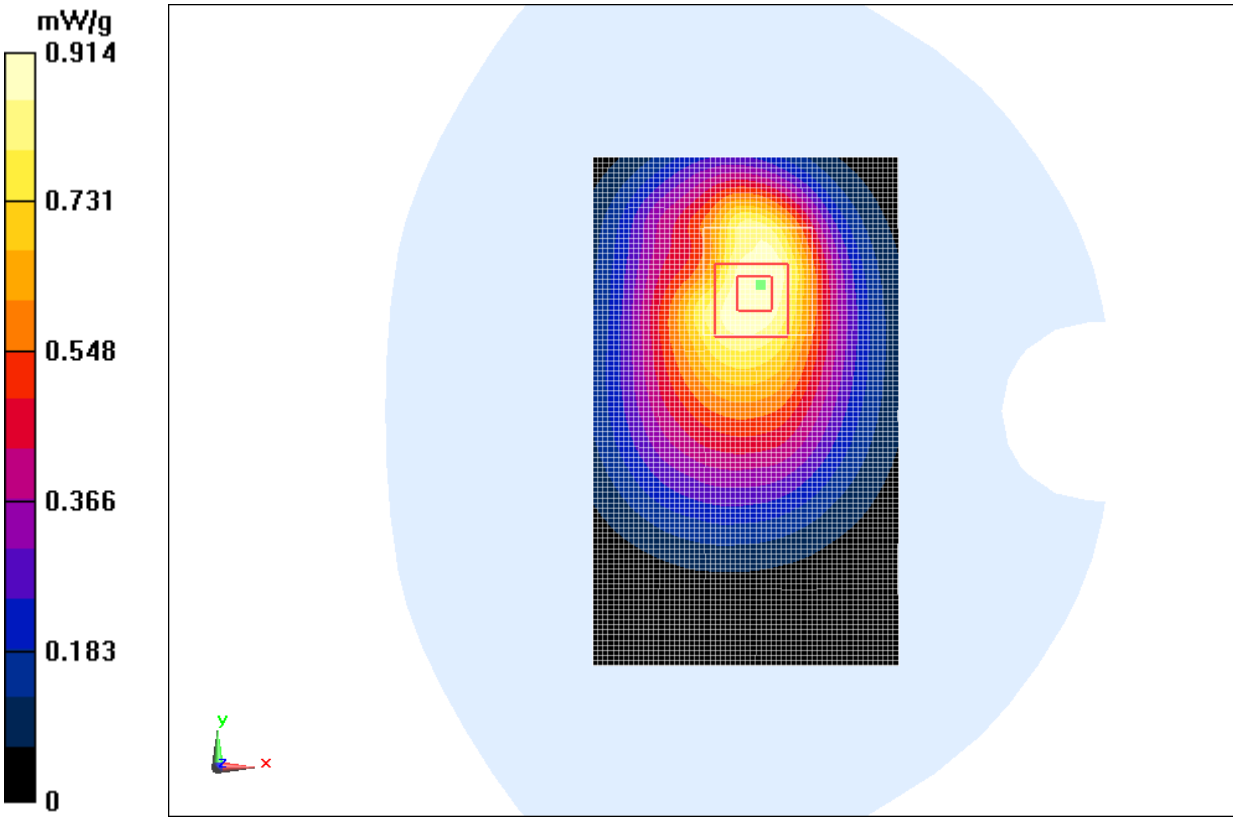

Fig.62 WCDMA 850 CH4182

WCDMA 850 Body Towards Phantom Low
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.98 mho/m; εr = 54.528; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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 Phantom Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.719 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.576 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.972 mW/g
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.721 mW/g

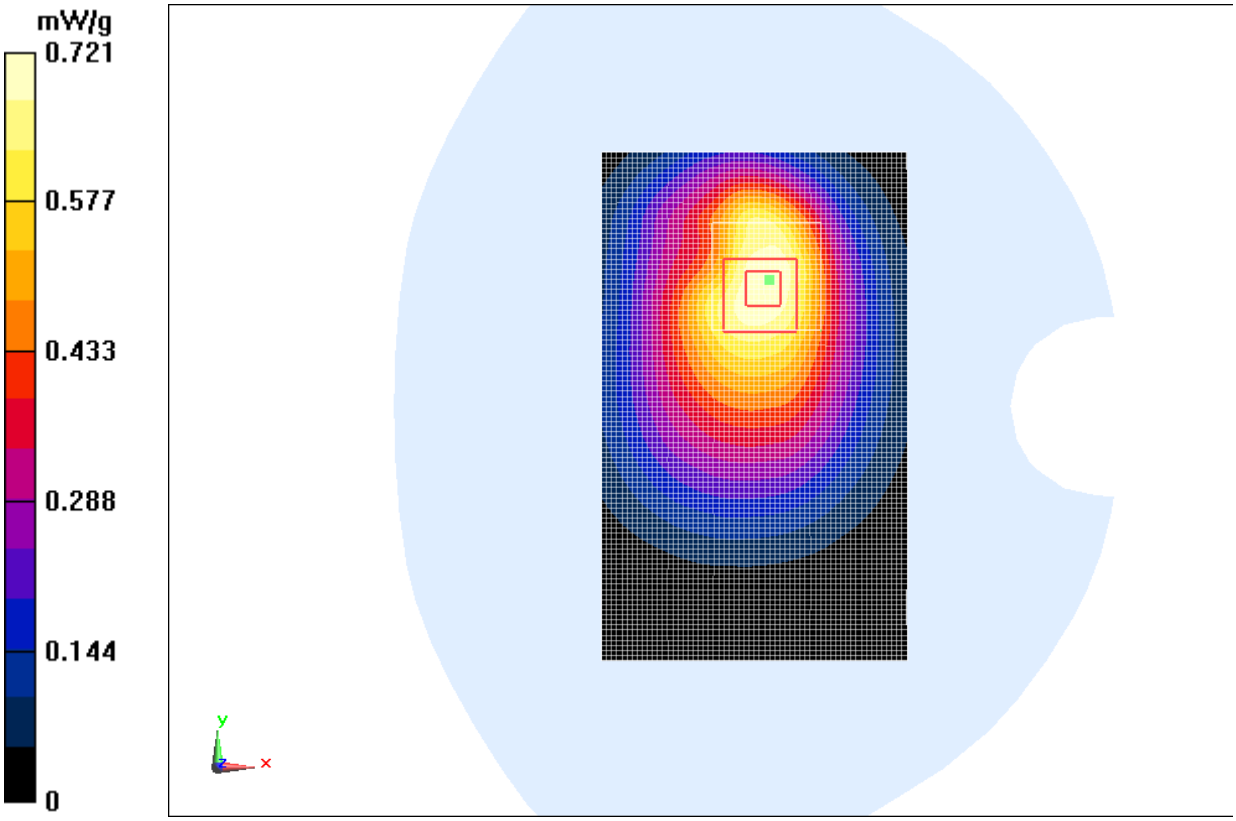

Fig. 63 WCDMA 850 CH4132

WCDMA 850 Body Towards Ground High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 1.02 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.490 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.377 mW/g
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

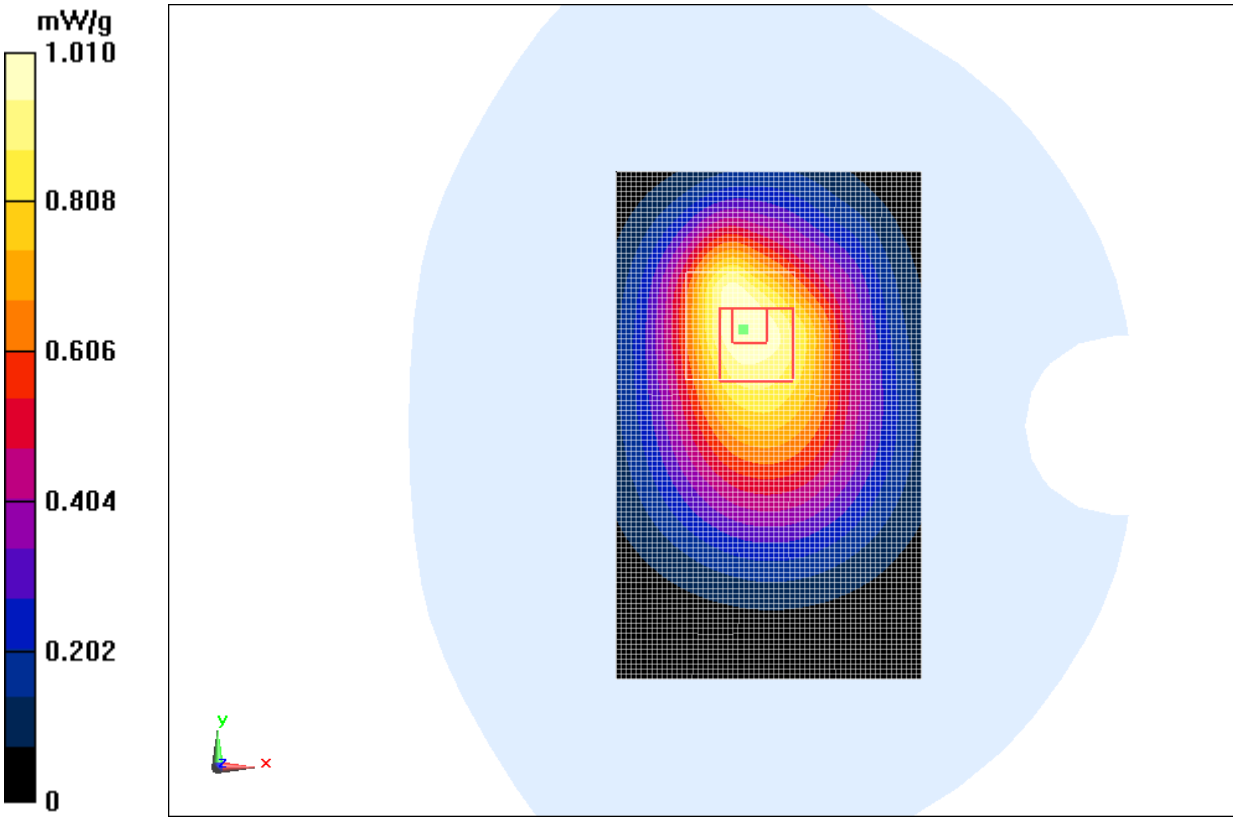

Fig. 64 WCDMA 850 CH4233

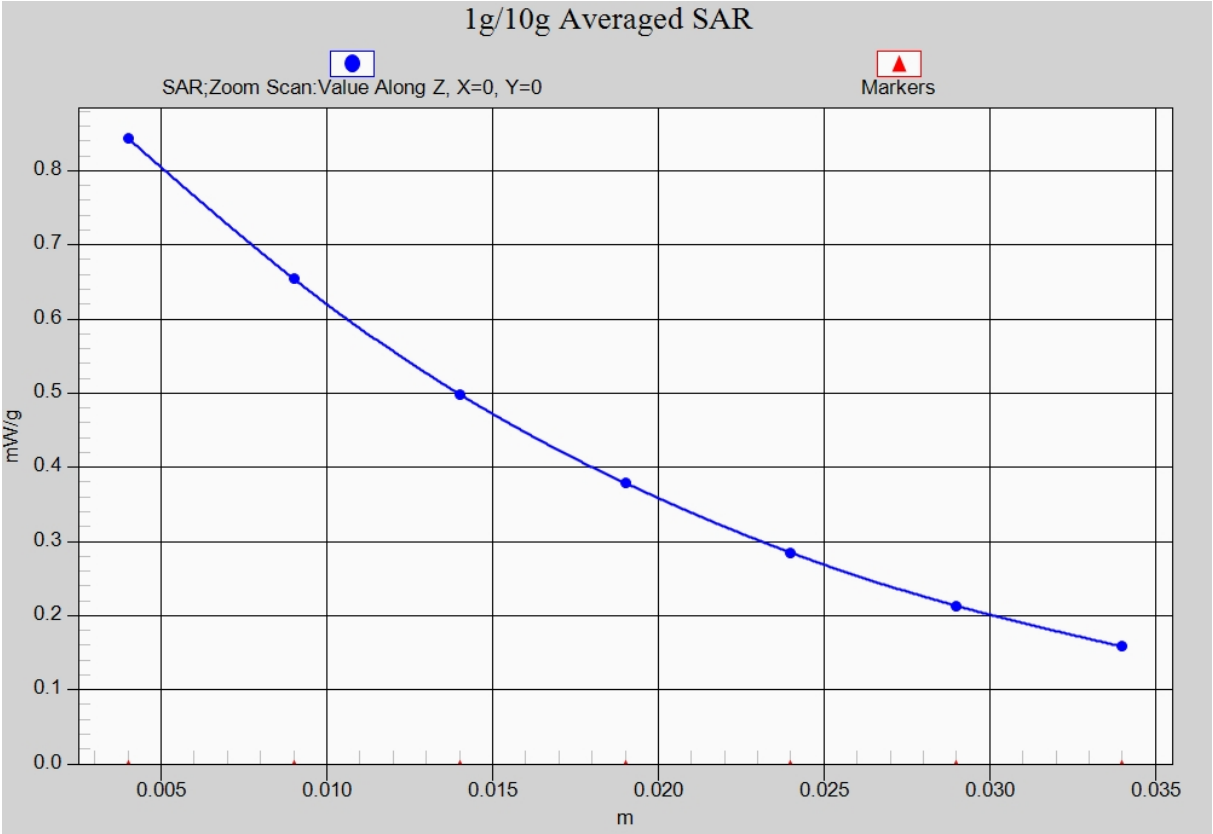

Fig. 64-1 Z-Scan at power reference point (WCDMA850 CH4233)

WCDMA 850 Body Towards Ground Middle
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.991 mho/m; εr = 54.418; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.992 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.447 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.306 mW/g
SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.622 mW/g
Maximum value of SAR (measured) = 0.946 mW/g

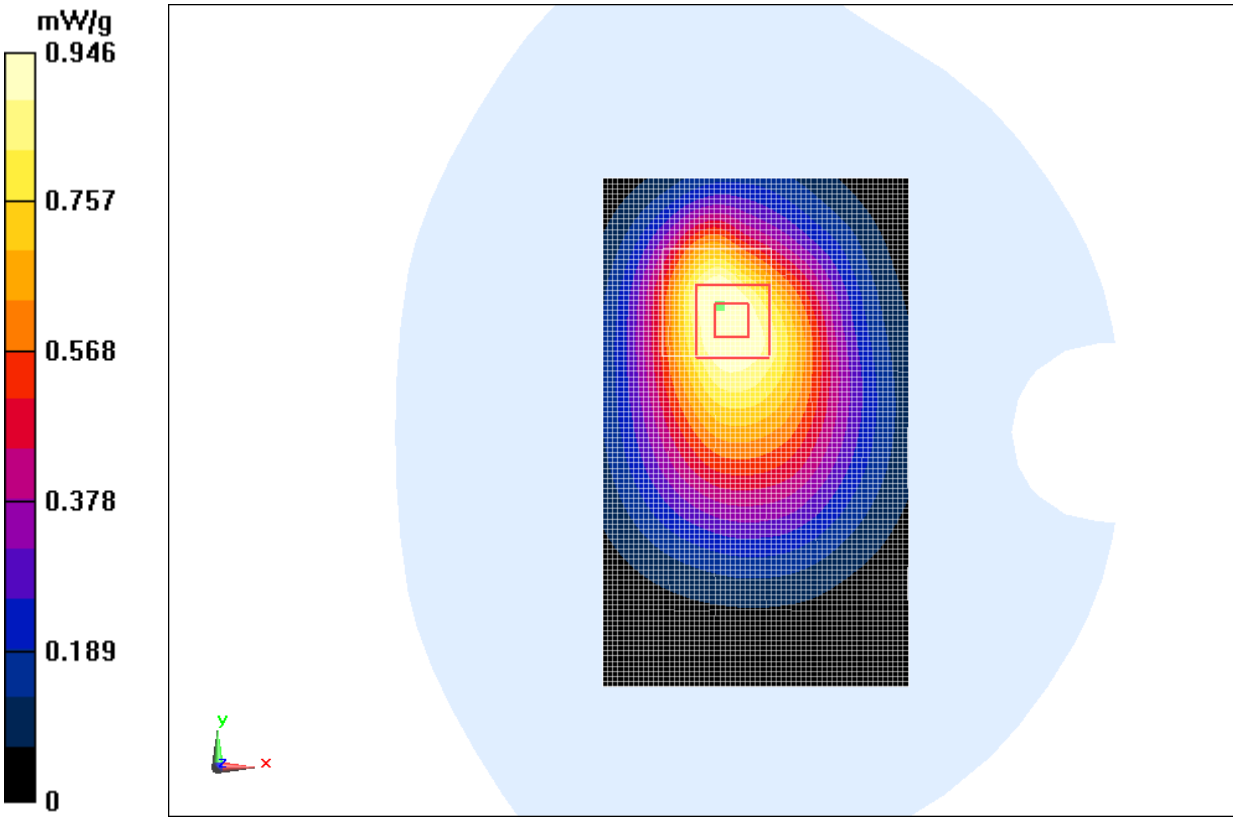

Fig. 65 WCDMA 850 CH4182

WCDMA 850 Body Towards Ground Low
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.98 mho/m; εr = 54.528; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.767 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.079 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.015 mW/g
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.486 mW/g
Maximum value of SAR (measured) = 0.742 mW/g

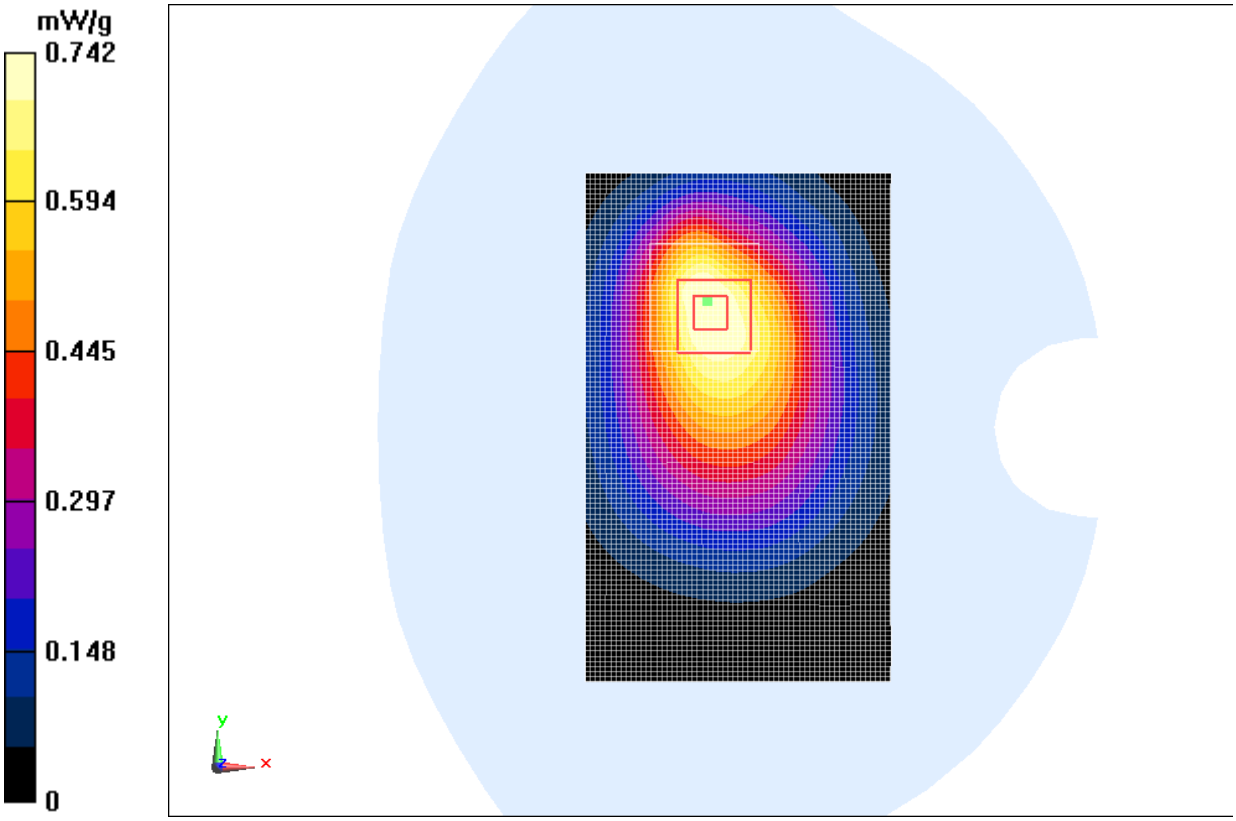

Fig.66 WCDMA 850 CH4132

WCDMA 850 Body Left Side High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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)

Left Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.487 mW/g

Left Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.330 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.629 mW/g
SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.483 mW/g

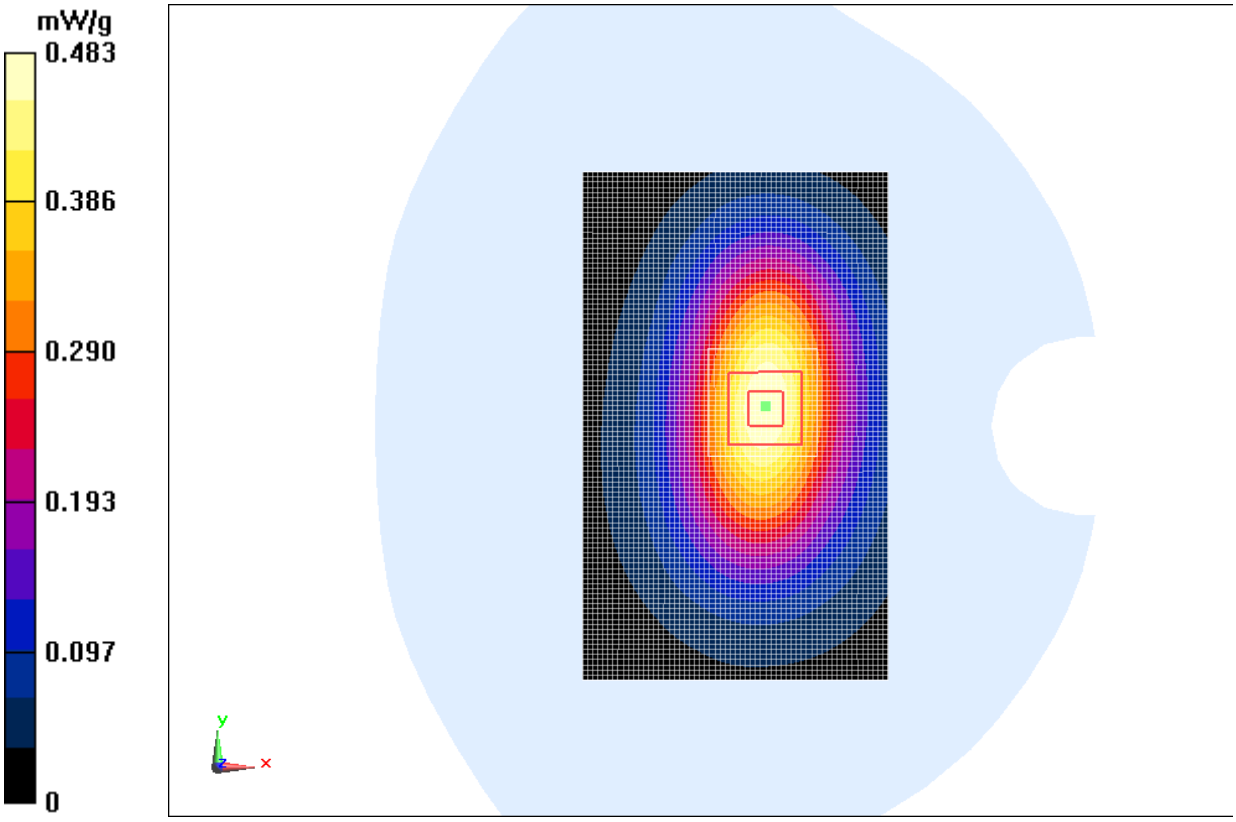

Fig. 67 WCDMA 850 CH4233

WCDMA 850 Body Right Side High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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)

Right Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.452 mW/g

Right Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.591 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.587 mW/g
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.452 mW/g

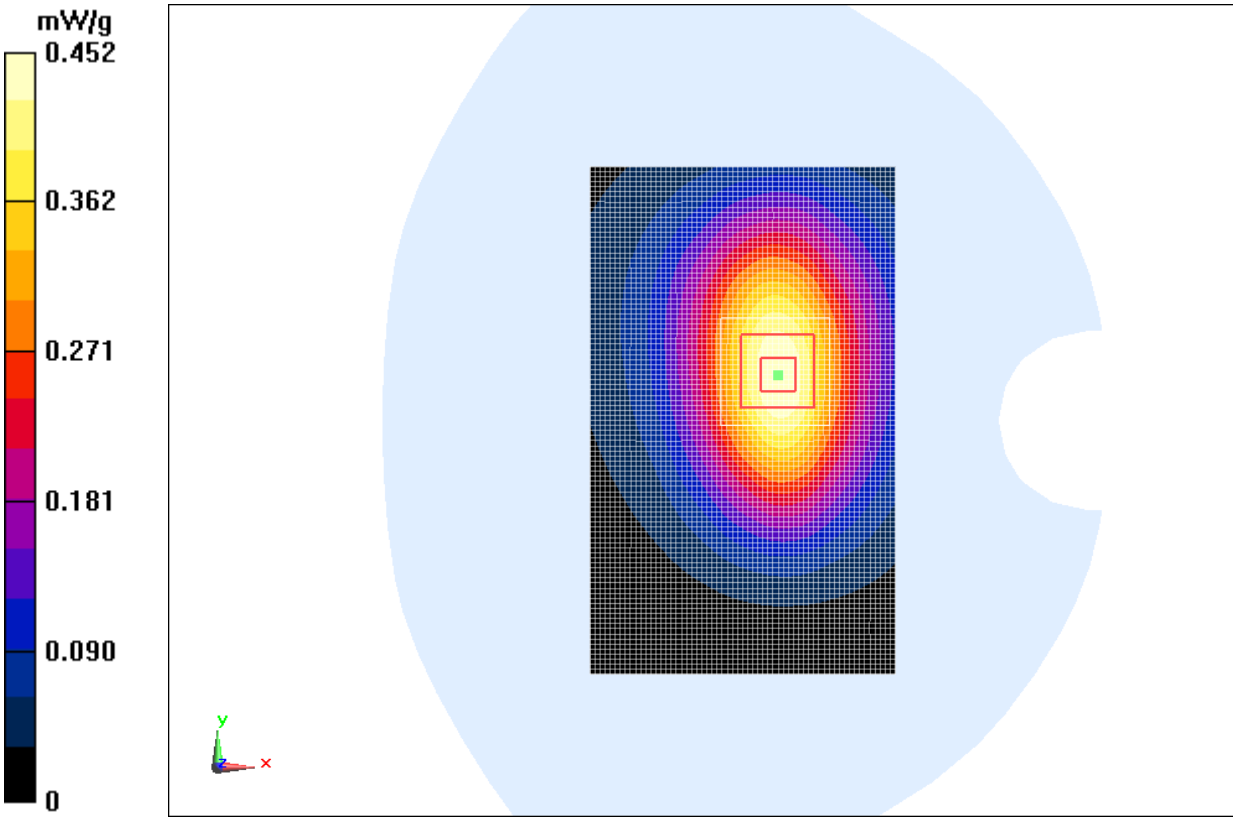

Fig. 68 WCDMA 850 CH4233

WCDMA 850 Body Bottom Side High
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.133 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.996 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.253 mW/g
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.156 mW/g

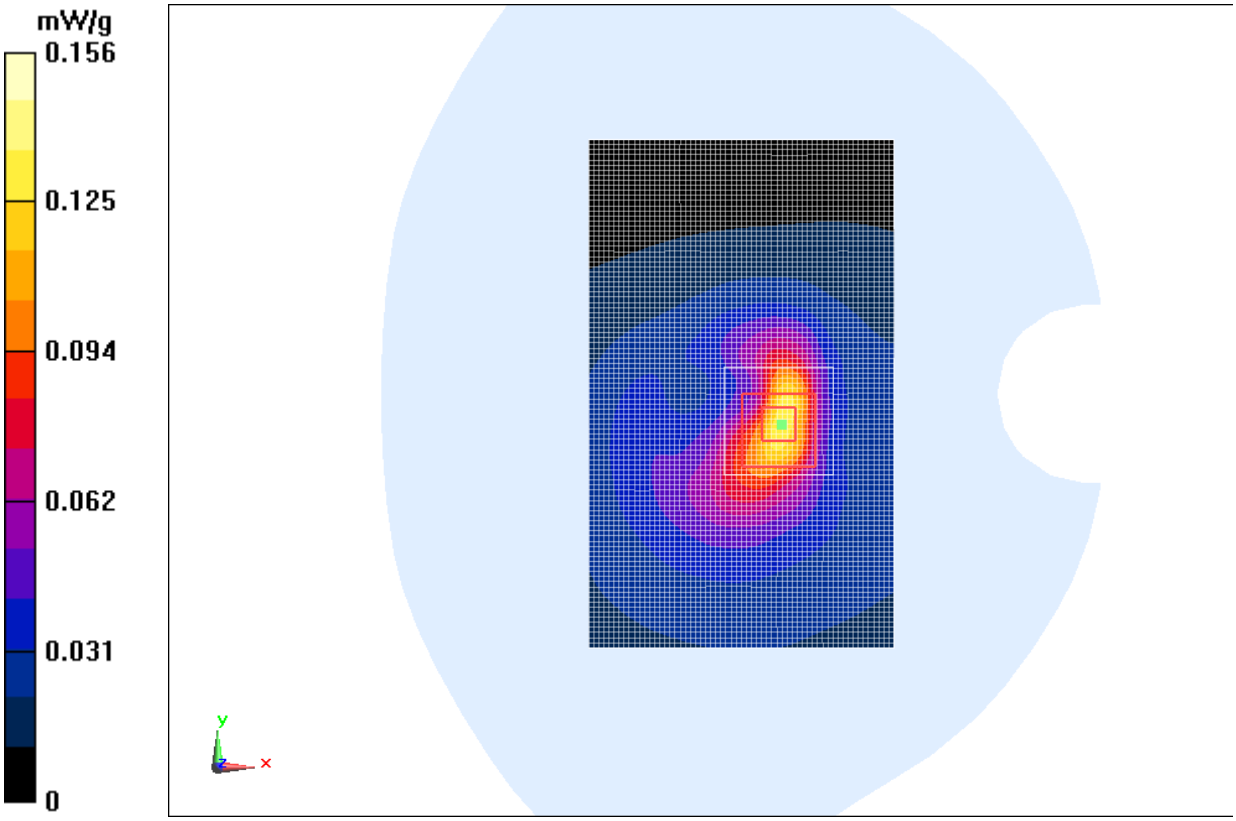

Fig. 69 WCDMA 850 CH4233

WCDMA 850 Body Towards Ground High with Headset CCB3000A12C1
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.764 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.833 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.085 mW/g
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.746 mW/g

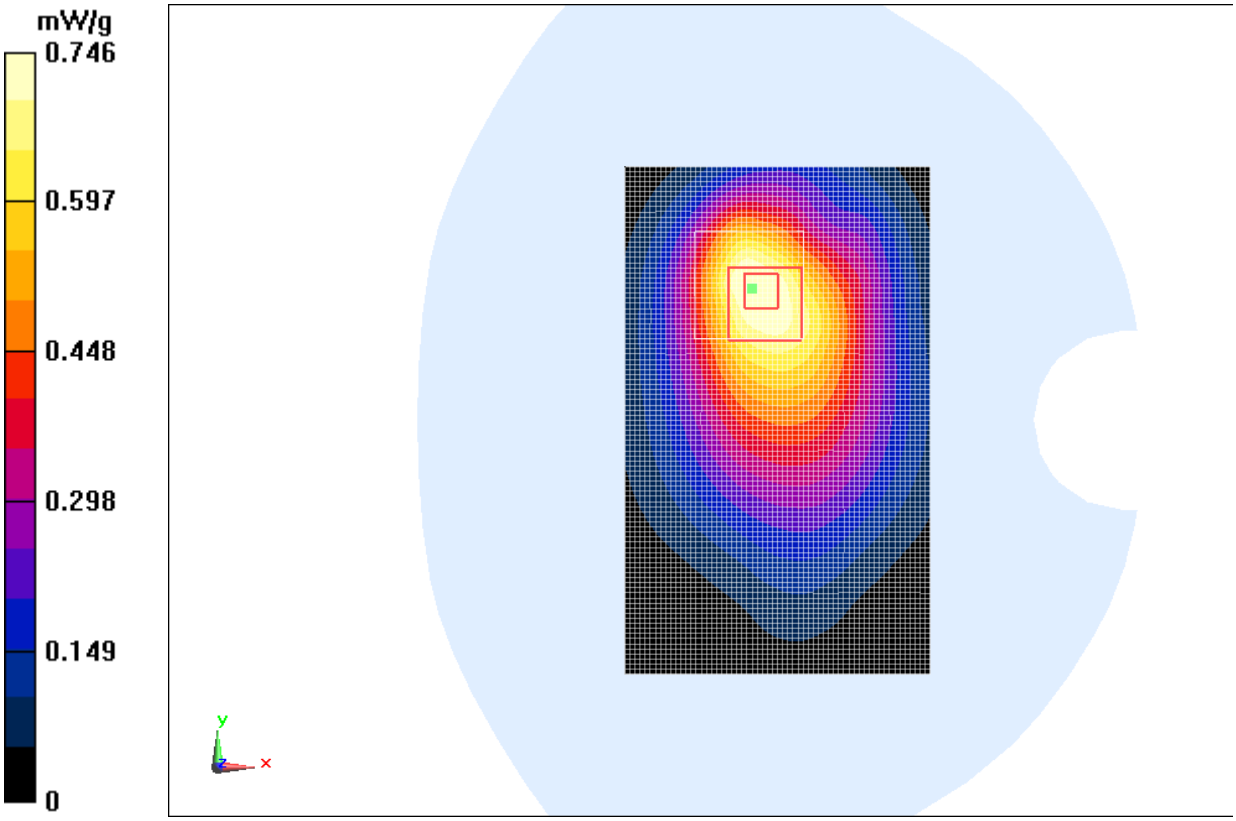

Fig. 70 WCDMA 850 CH4233

WCDMA 850 Body Towards Ground High with Headset CCB3000A12C2
Date: 2012-7-25
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.001 mho/m; εr = 54.325; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°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) = 0.934 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.974 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.294 mW/g
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 0.912 mW/g

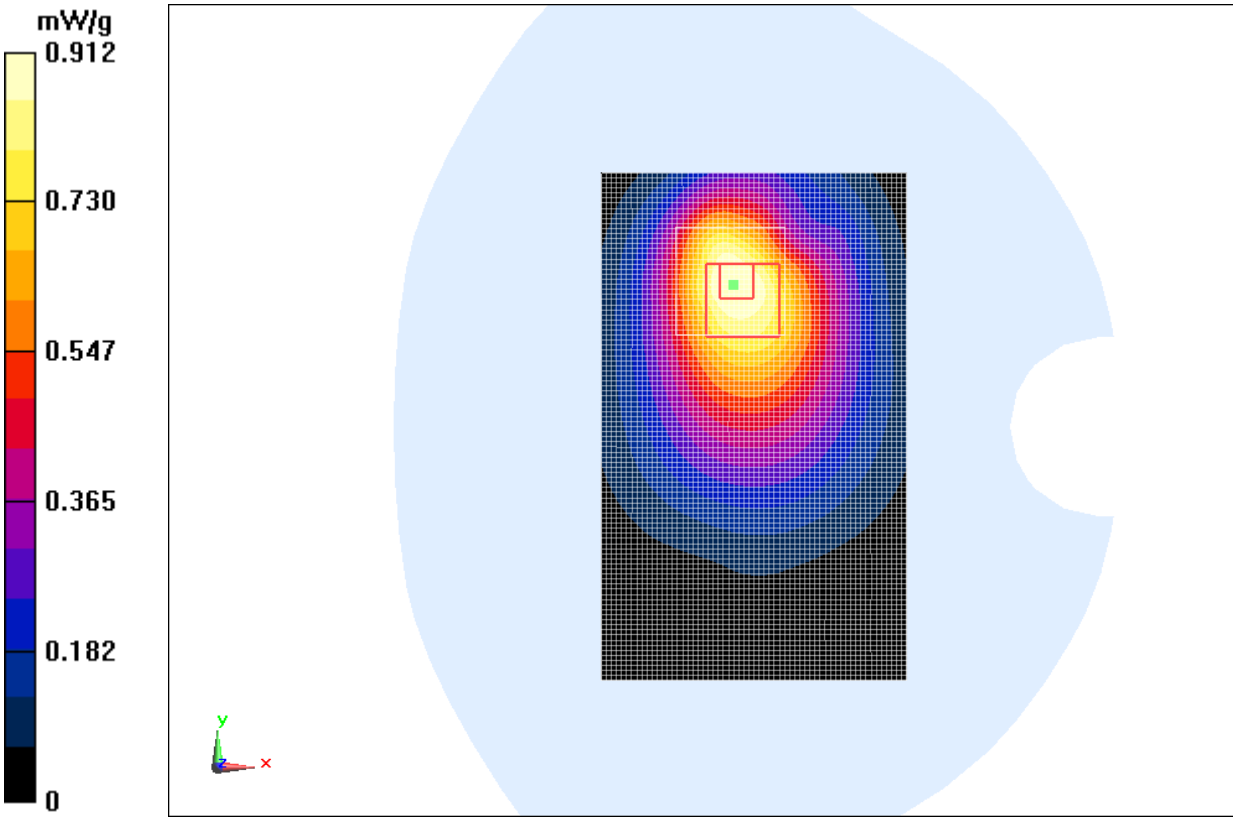

Fig. 71 WCDMA 850 CH4233

WCDMA 1900 Left Cheek High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.379 mho/m; εr = 41.184; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.525 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.566 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 1.12 mW/g

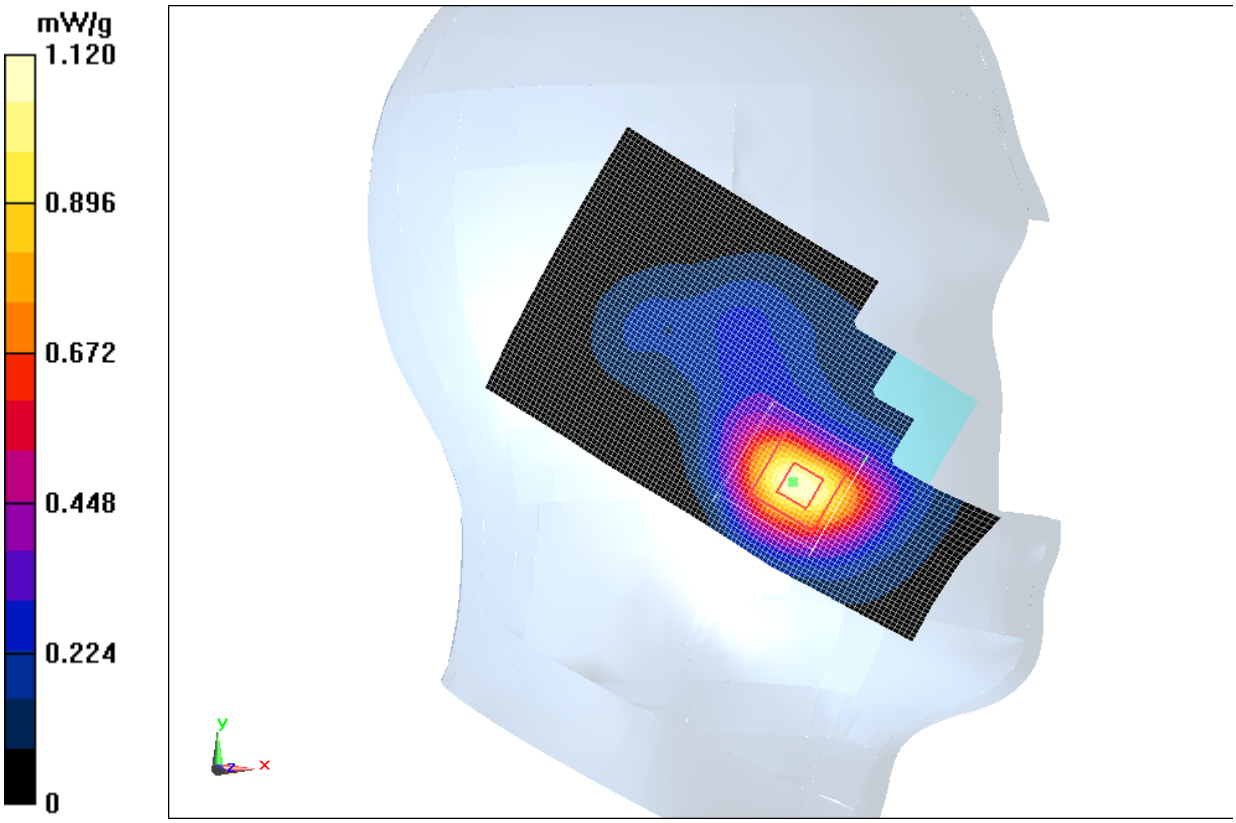

Fig. 72 WCDMA1900 CH9538

WCDMA 1900 Left Cheek Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head GSM1900
Medium parameters used: f = 1880 MHz; σ = 1.371 mho/m; εr = 41.288; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.874 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.585 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.605 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

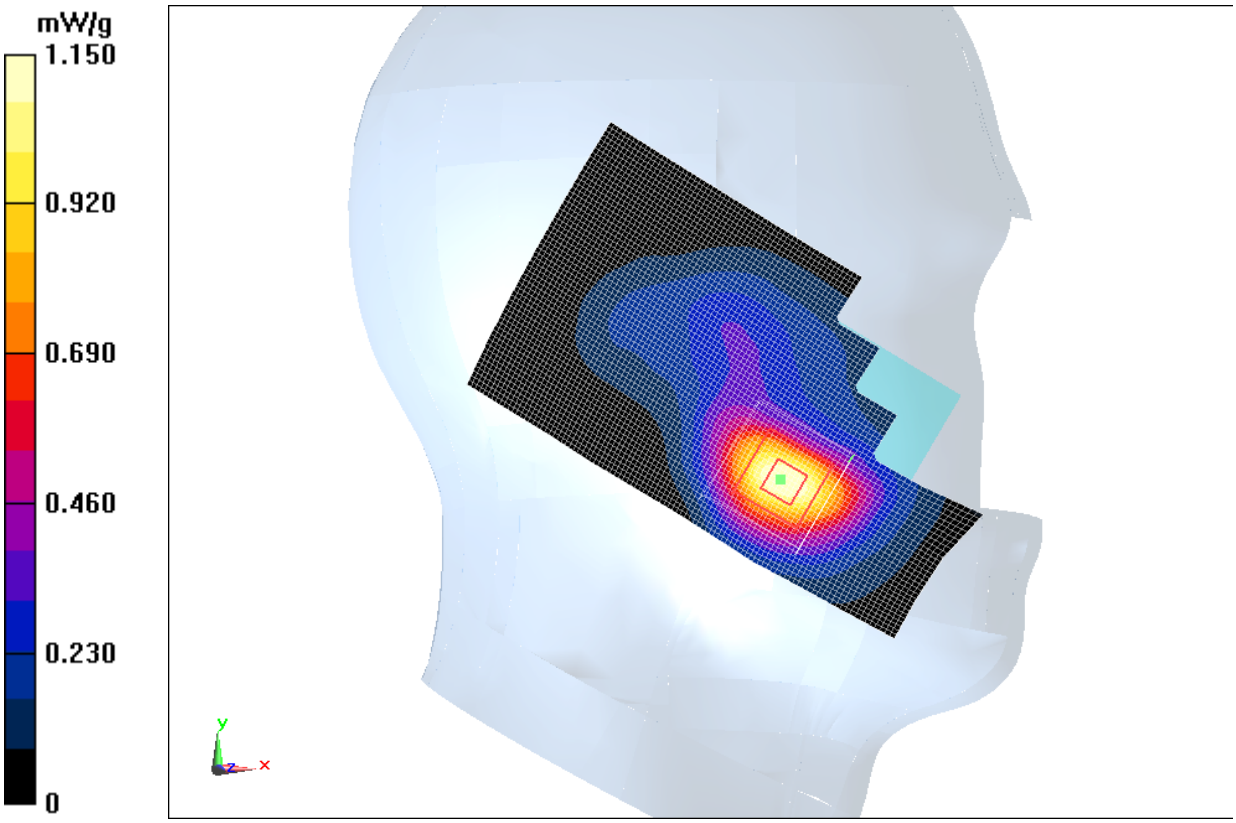

Fig. 73 WCDMA1900 CH9400

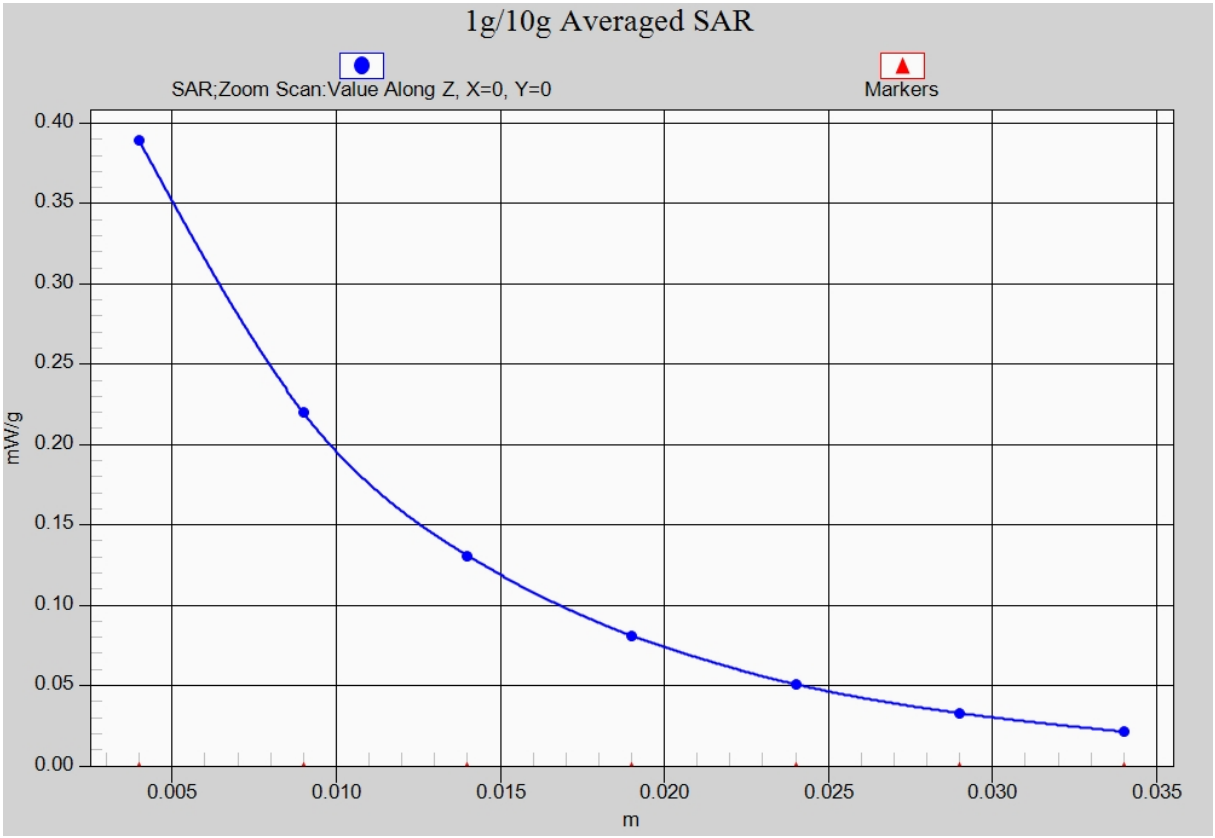

Fig. 73-1 Z-Scan at power reference point (WCDMA1900 CH9400)

WCDMA 1900 Left Cheek Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.343 mho/m; εr = 41.379; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.913 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.389 mW/g
SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

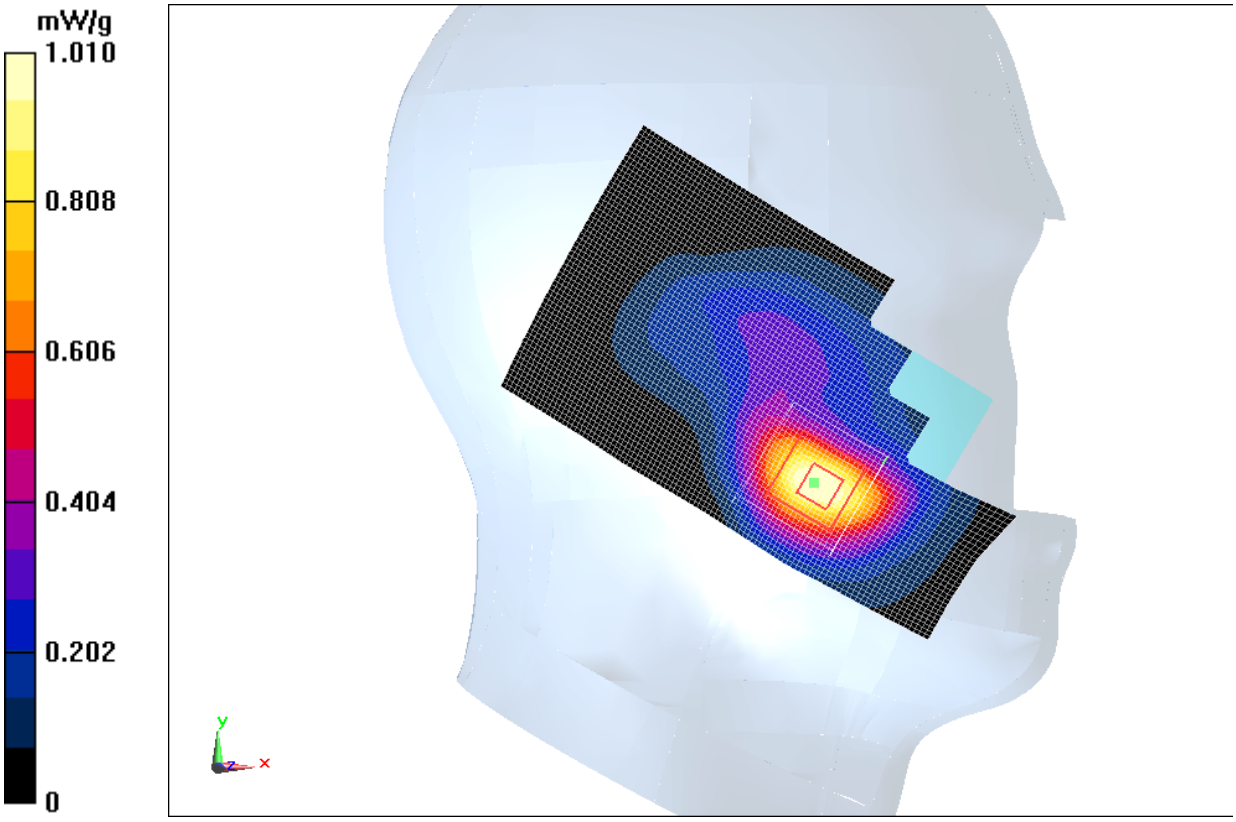

Fig. 74 WCDMA1900 CH9262

WCDMA 1900 Left Tilt High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.379 mho/m; εr = 41.184; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.379 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.395 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.518 mW/g
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.349 mW/g

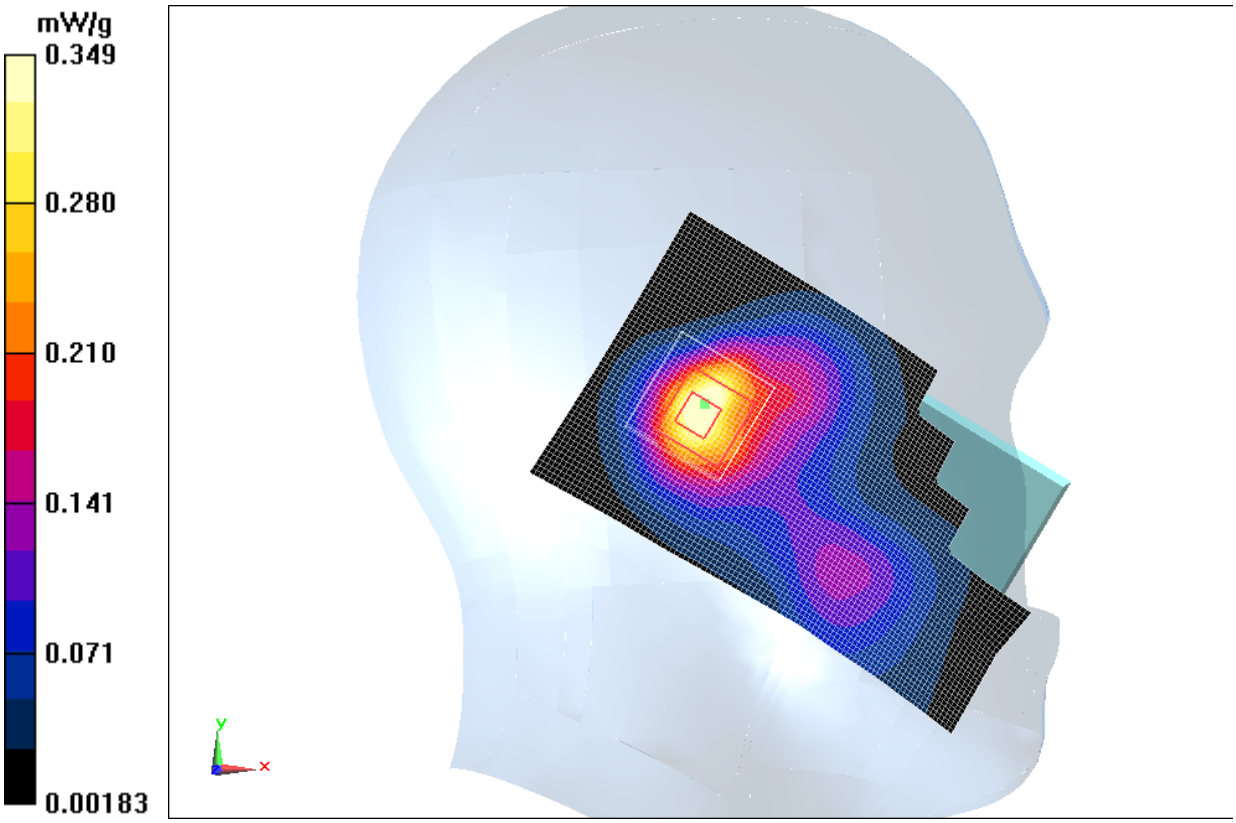

Fig. 75 WCDMA1900 CH9538

WCDMA 1900 Left Tilt Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.371 mho/m; εr = 41.288; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.379 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.489 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.513 mW/g
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.348 mW/g

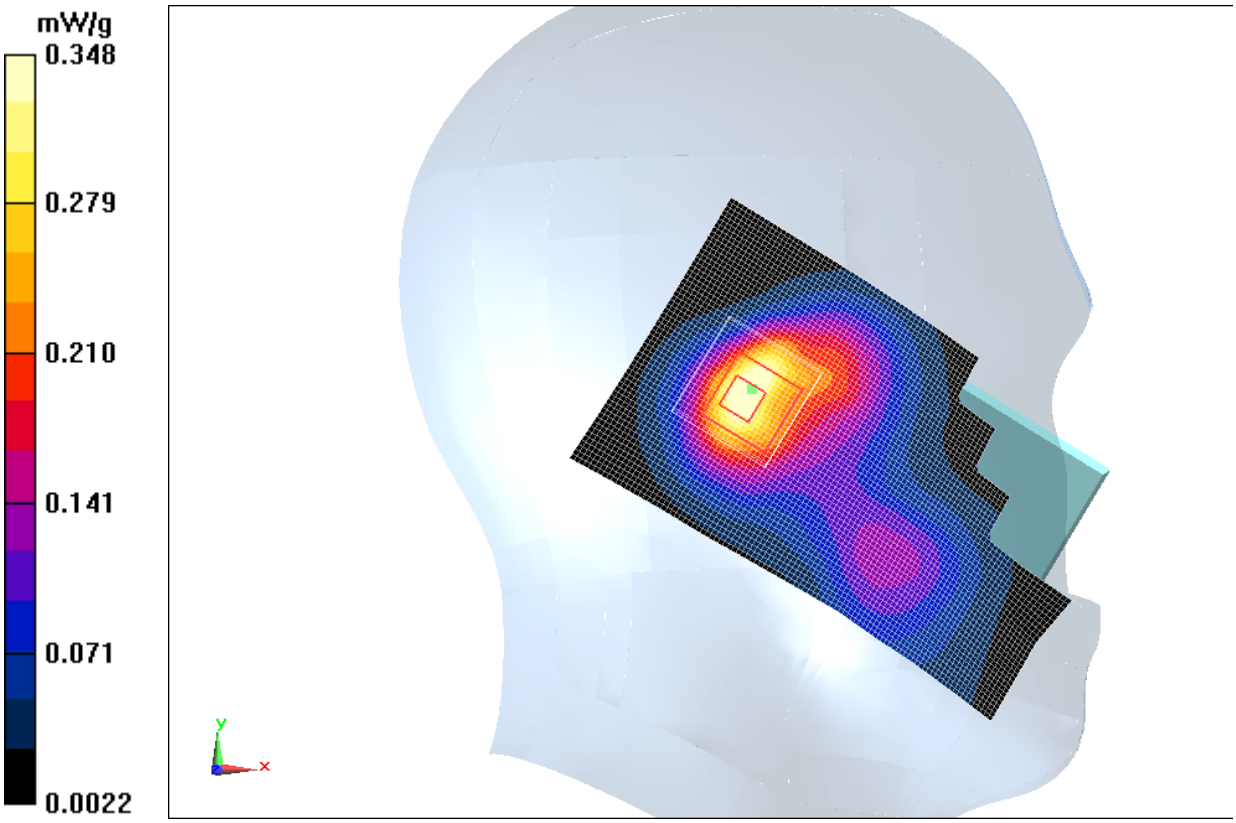

Fig. 76 WCDMA1900 CH9400

WCDMA 1900 Left Tilt Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.343 mho/m; εr = 41.379; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.337 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.329 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.449 mW/g
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.302 mW/g

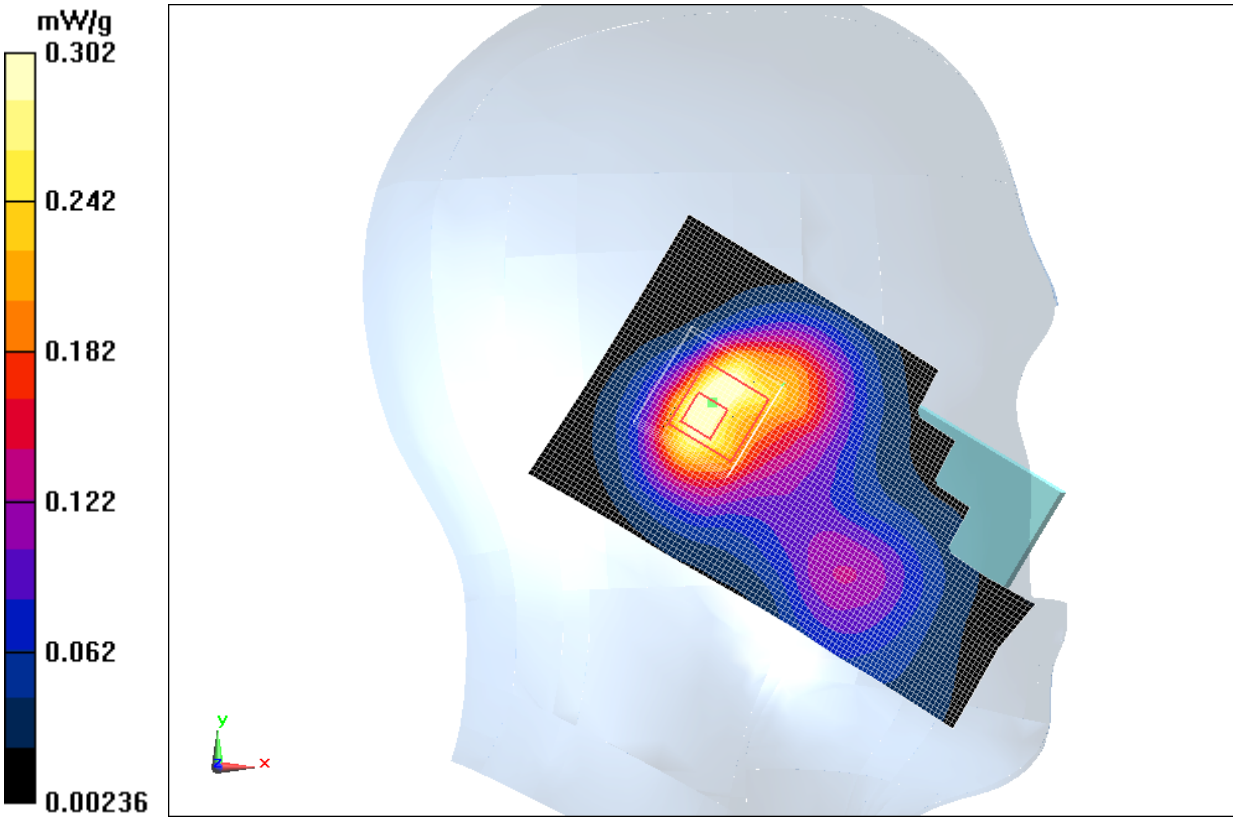

Fig. 77 WCDMA1900 CH9262

WCDMA 1900 Right Cheek High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.379 mho/m; εr = 41.184; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.763 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.501 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.148 mW/g
SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.481 mW/g
Maximum value of SAR (measured) = 0.830 mW/g

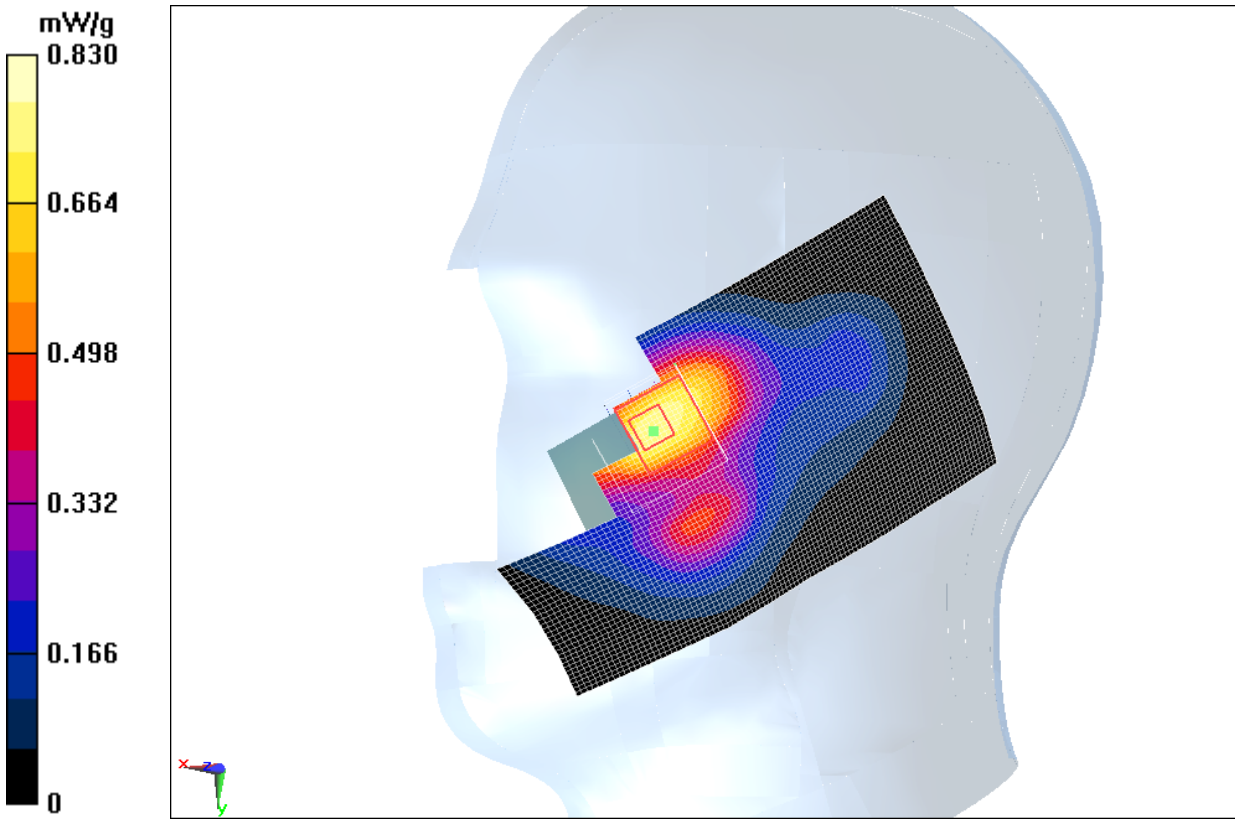

Fig. 78 WCDMA1900 CH9538

WCDMA 1900 Right Cheek Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.371 mho/m; εr = 41.288; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.793 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.665 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.183 mW/g
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.819 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.665 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.748 mW/g
SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.299 mW/g
Maximum value of SAR (measured) = 0.537 mW/g

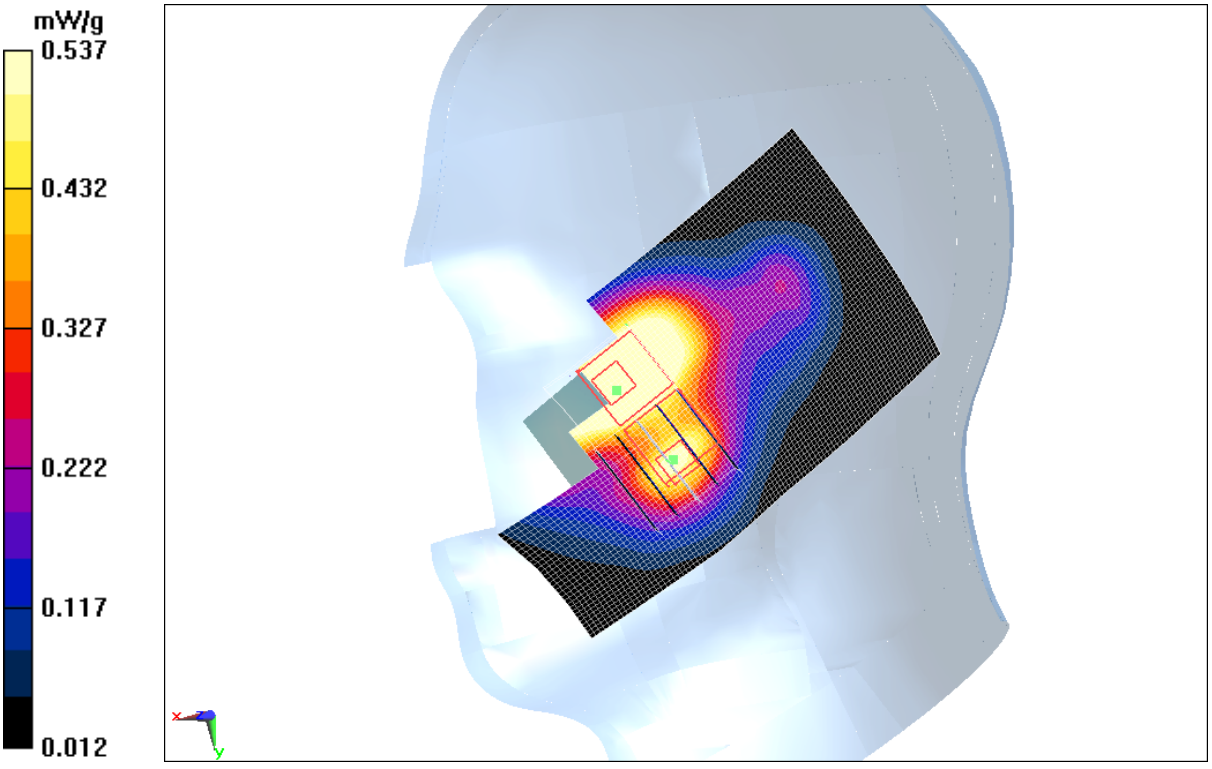

Fig. 79 WCDMA1900 CH9400

WCDMA 1900 Right Cheek Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.343 mho/m; εr = 41.379; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.732 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.123 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.046 mW/g
SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.732 mW/g
Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.123 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.714 mW/g
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.297 mW/g
Maximum value of SAR (measured) = 0.522 mW/g

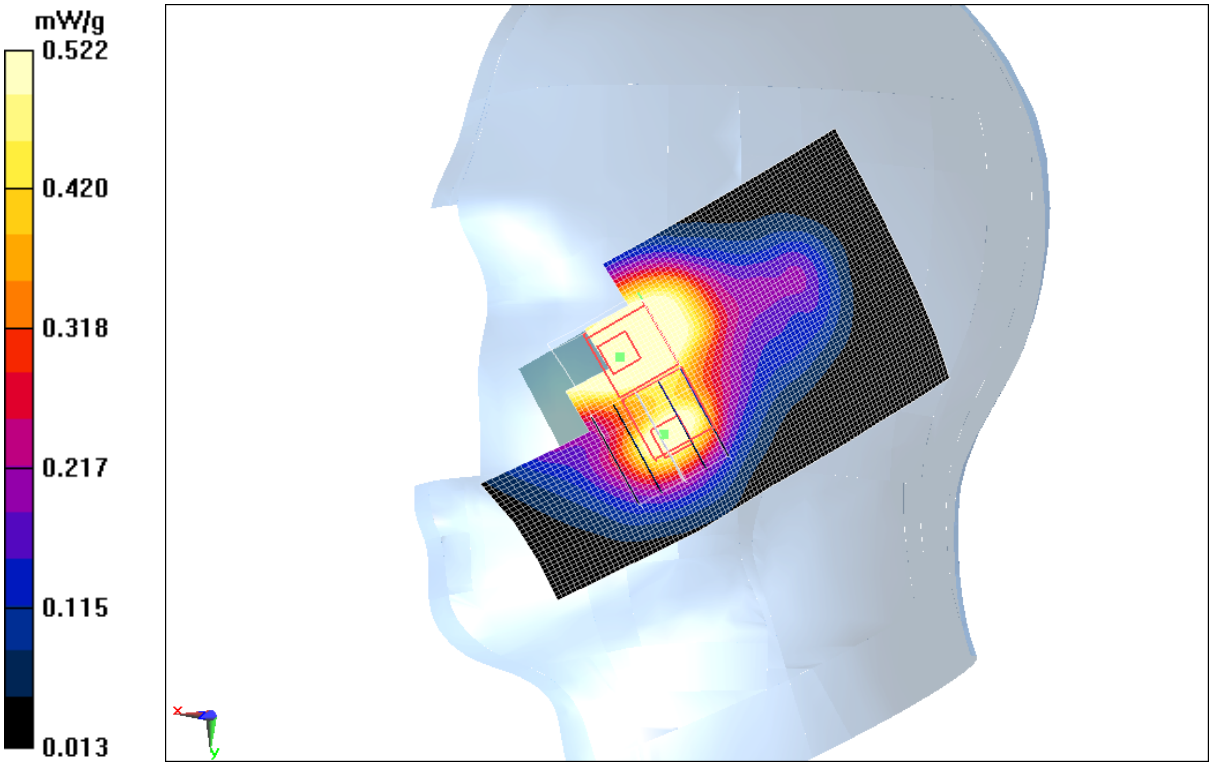

Fig. 80 WCDMA1900 CH9262

WCDMA 1900 Right Tilt High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.379 mho/m; εr = 41.184; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.465 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.266 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.617 mW/g
SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.421 mW/g

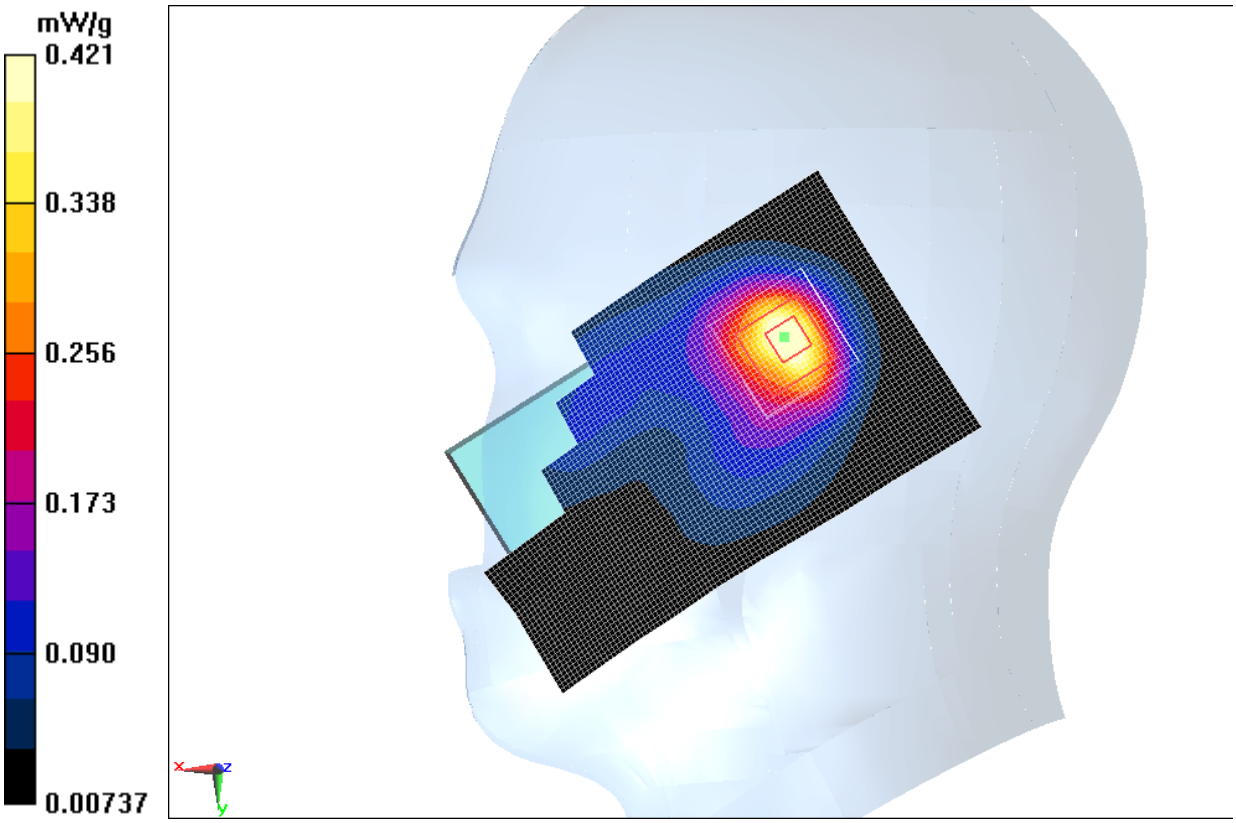

Fig. 81 WCDMA1900 CH9538

WCDMA 1900 Right Tilt Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.371 mho/m; εr = 41.288; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.465 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.266 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.617 mW/g
SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.421 mW/g

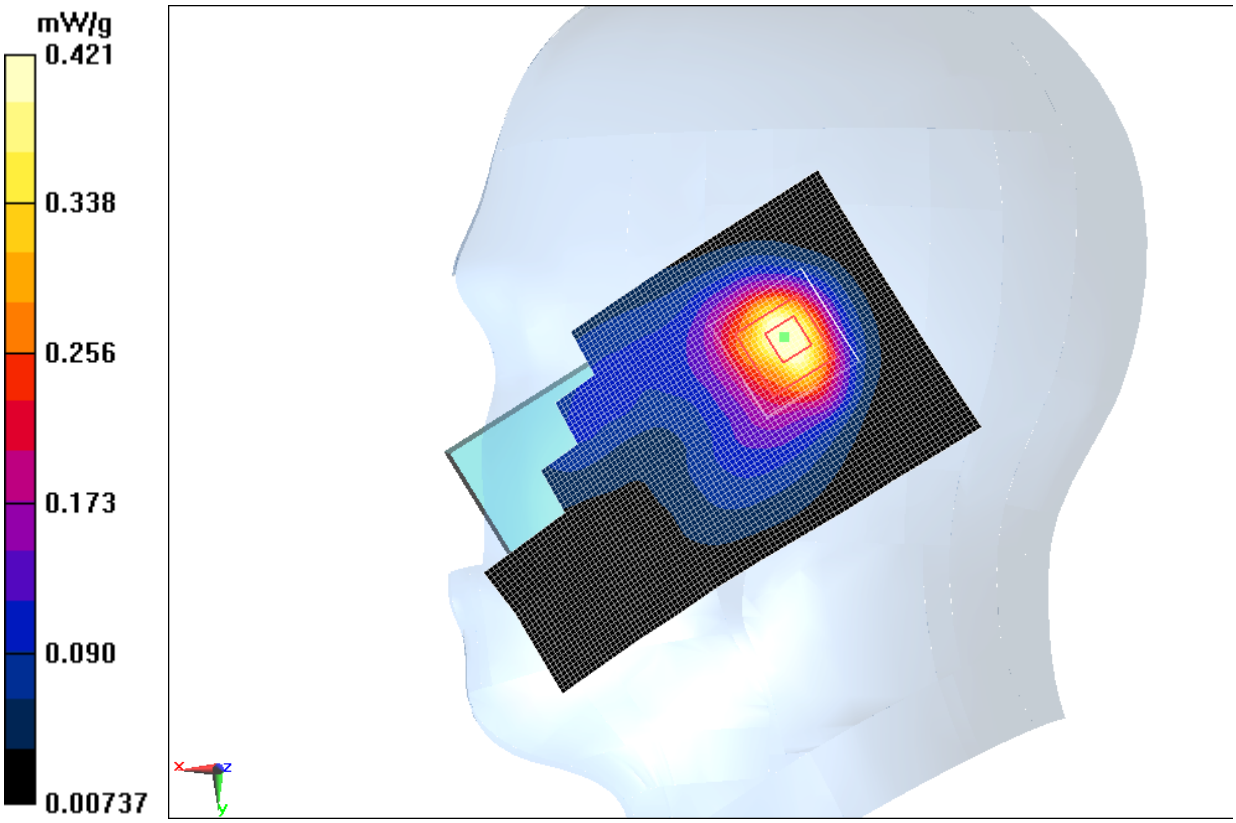

Fig. 82 WCDMA1900 CH9400

WCDMA 1900 Right Tilt Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.343 mho/m; εr = 41.379; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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 (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.423 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.739 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.553 mW/g
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.387 mW/g

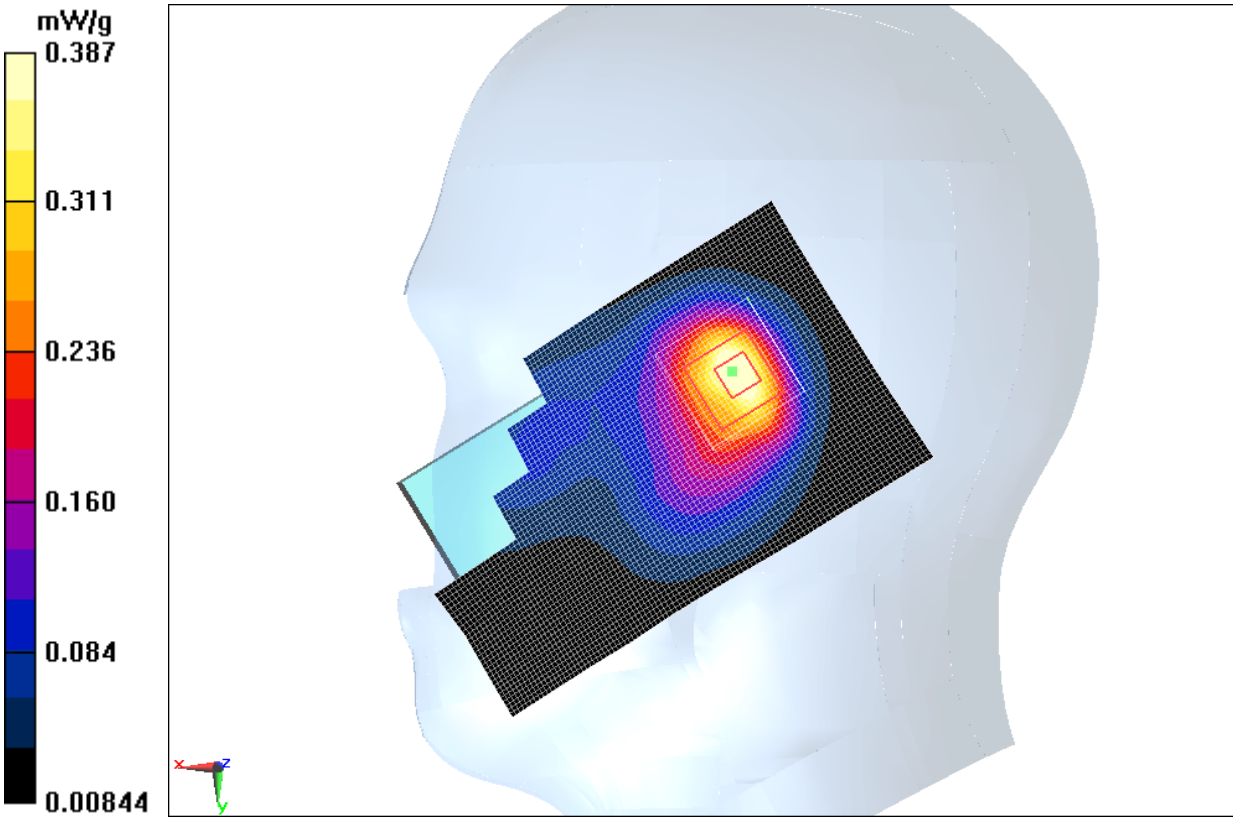

Fig. 83 WCDMA1900 CH9262

WCDMA 1900 Body Towards Phantom High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.521 mho/m; εr = 52.659; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.11 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.159 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.596 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

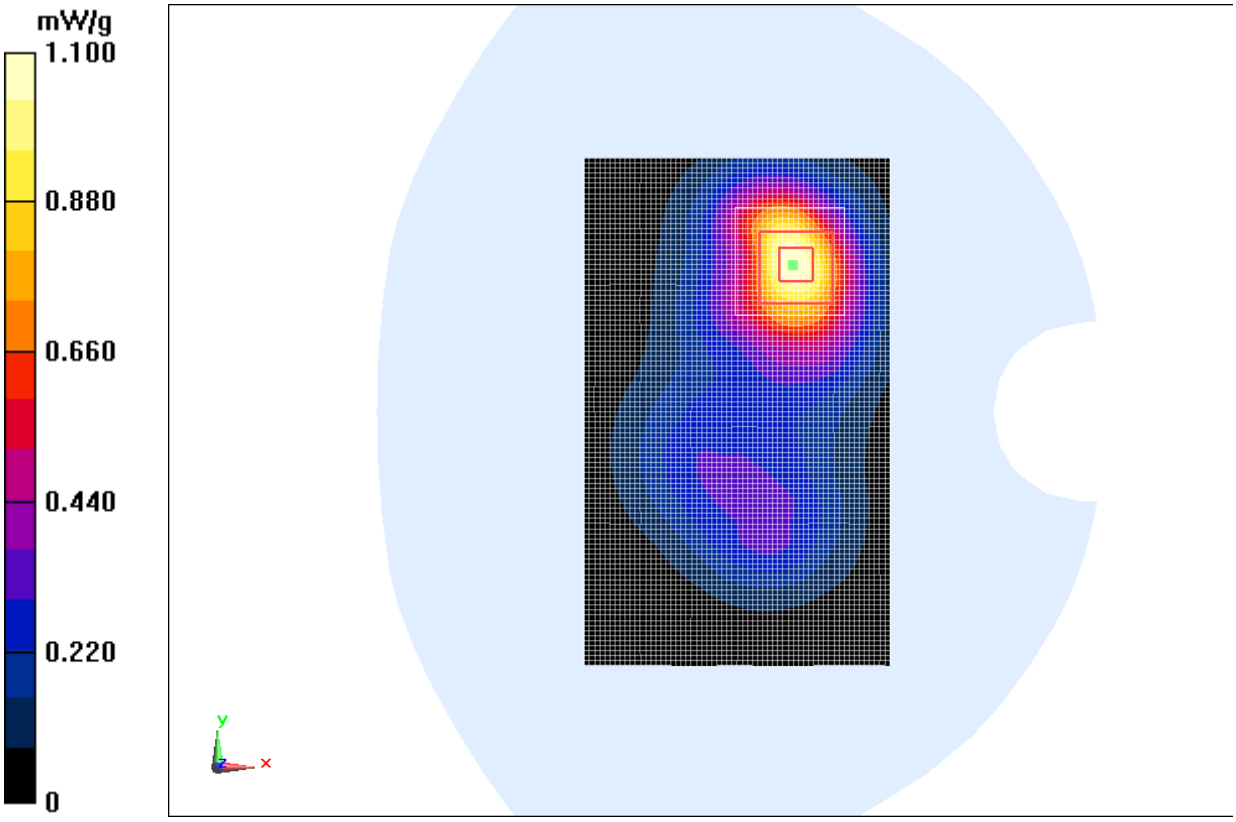

Fig. 84 WCDMA1900 CH9538

WCDMA 1900 Body Towards Phantom Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.09 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.118 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.628 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.603 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

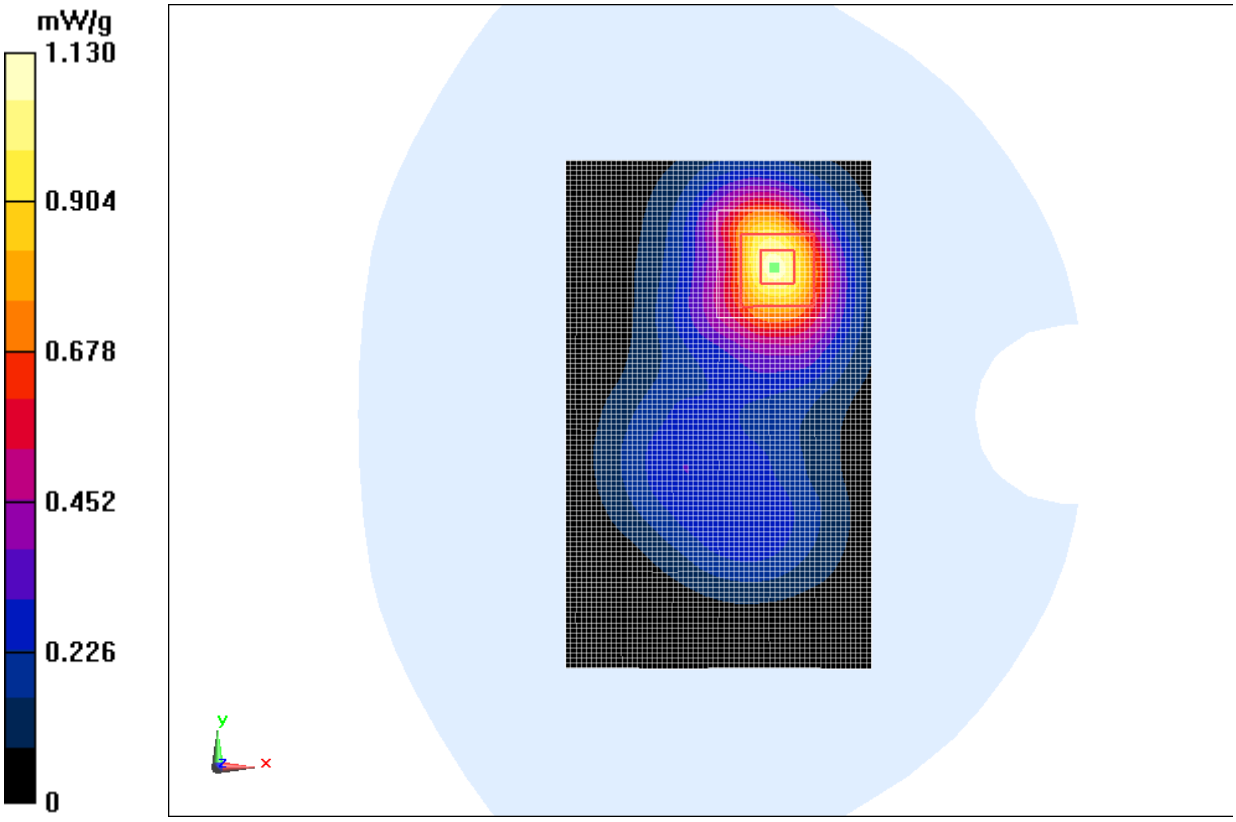

Fig. 85 WCDMA1900 CH9400

WCDMA 1900 Body Towards Phantom Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.462 mho/m; εr = 52.9; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.00 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.419 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.429 mW/g
SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.997 mW/g

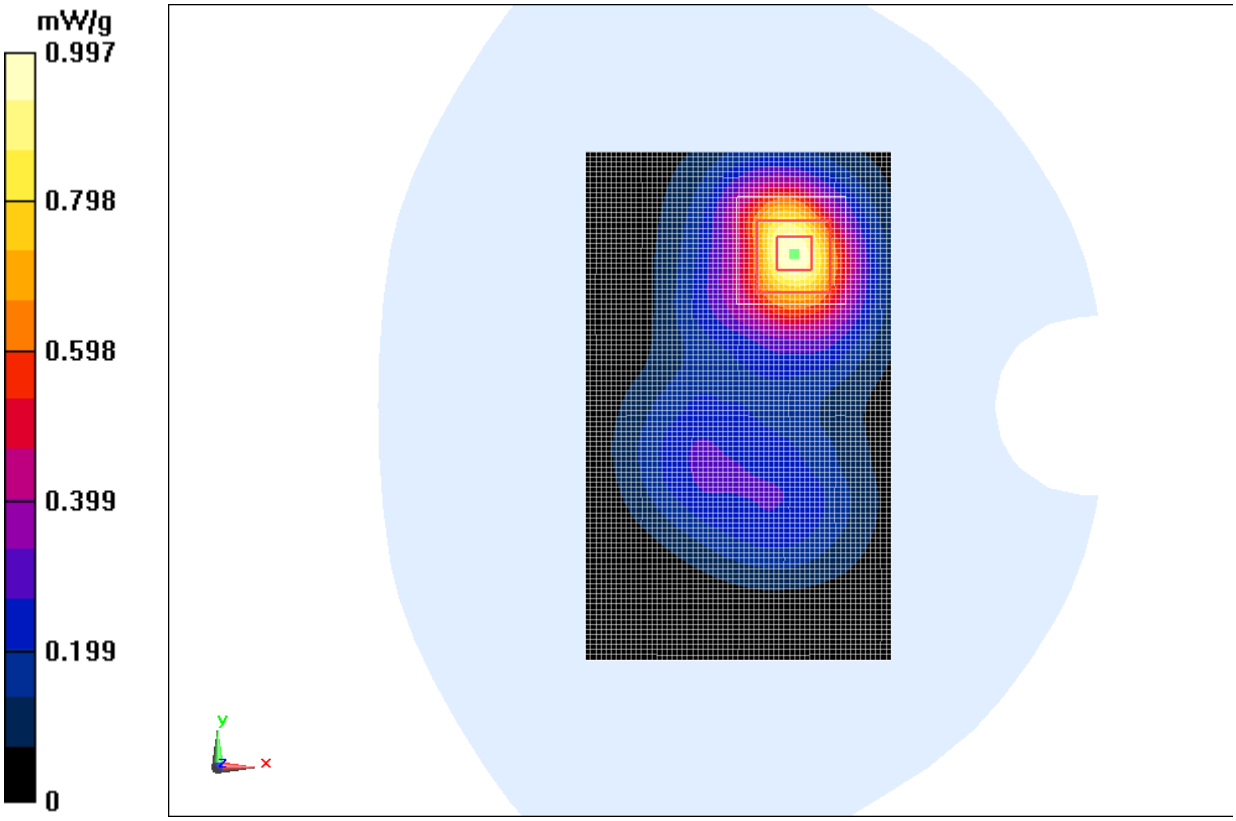

Fig. 86 WCDMA1900 CH9262

WCDMA 1900 Body Towards Ground High
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1907.6 MHz; σ = 1.521 mho/m; εr = 52.659; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.14 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.644 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.628 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.612 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

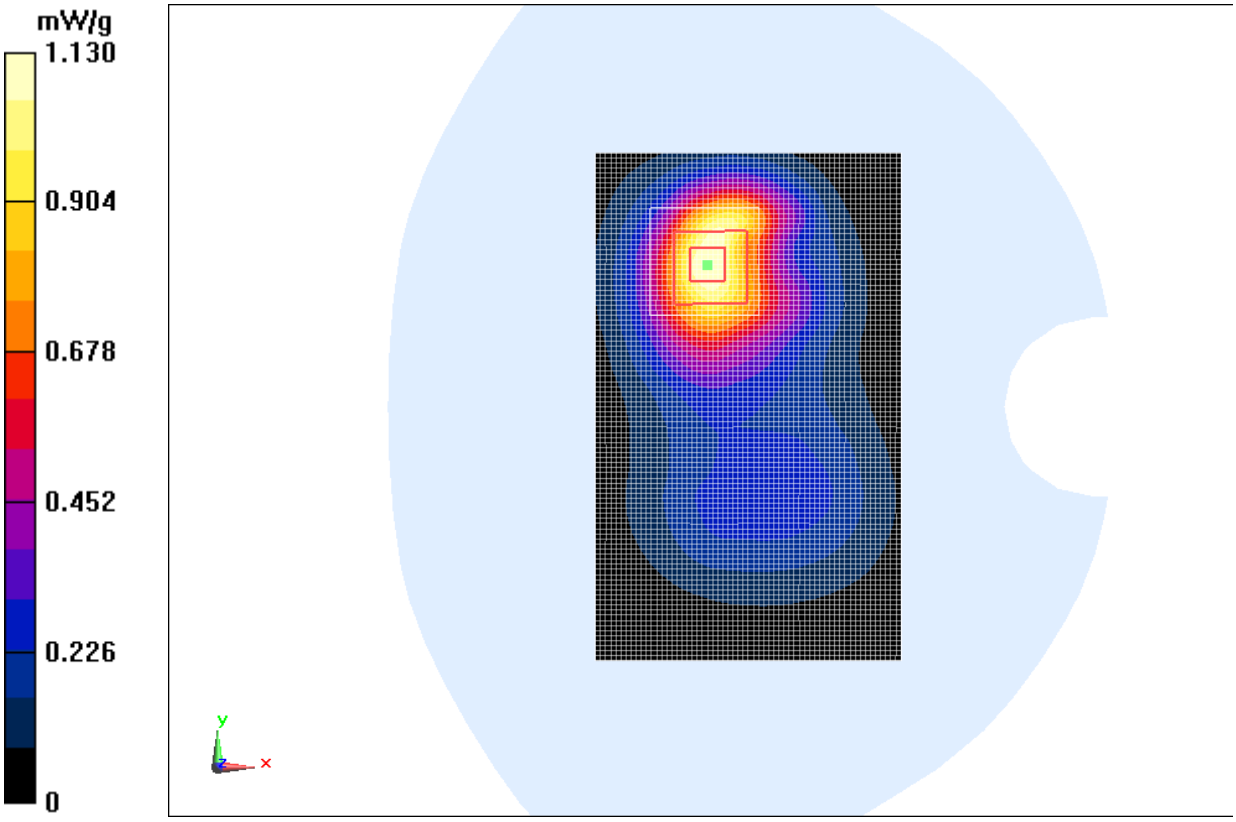

Fig. 87 WCDMA1900 CH9538

WCDMA 1900 Body Towards Ground Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.15 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.136 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.609 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.624 mW/g
Maximum value of SAR (measured) = 1.14 mW/g

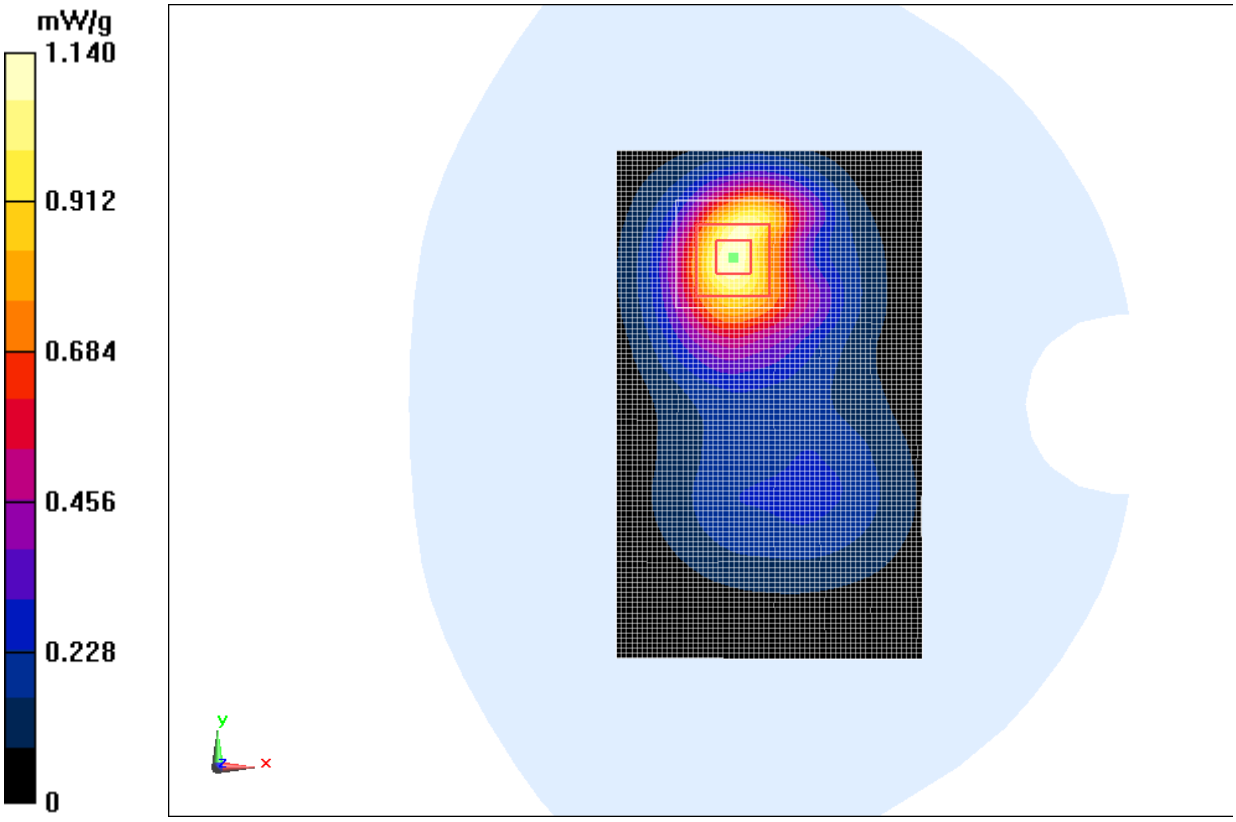

Fig. 88 WCDMA1900 CH9400

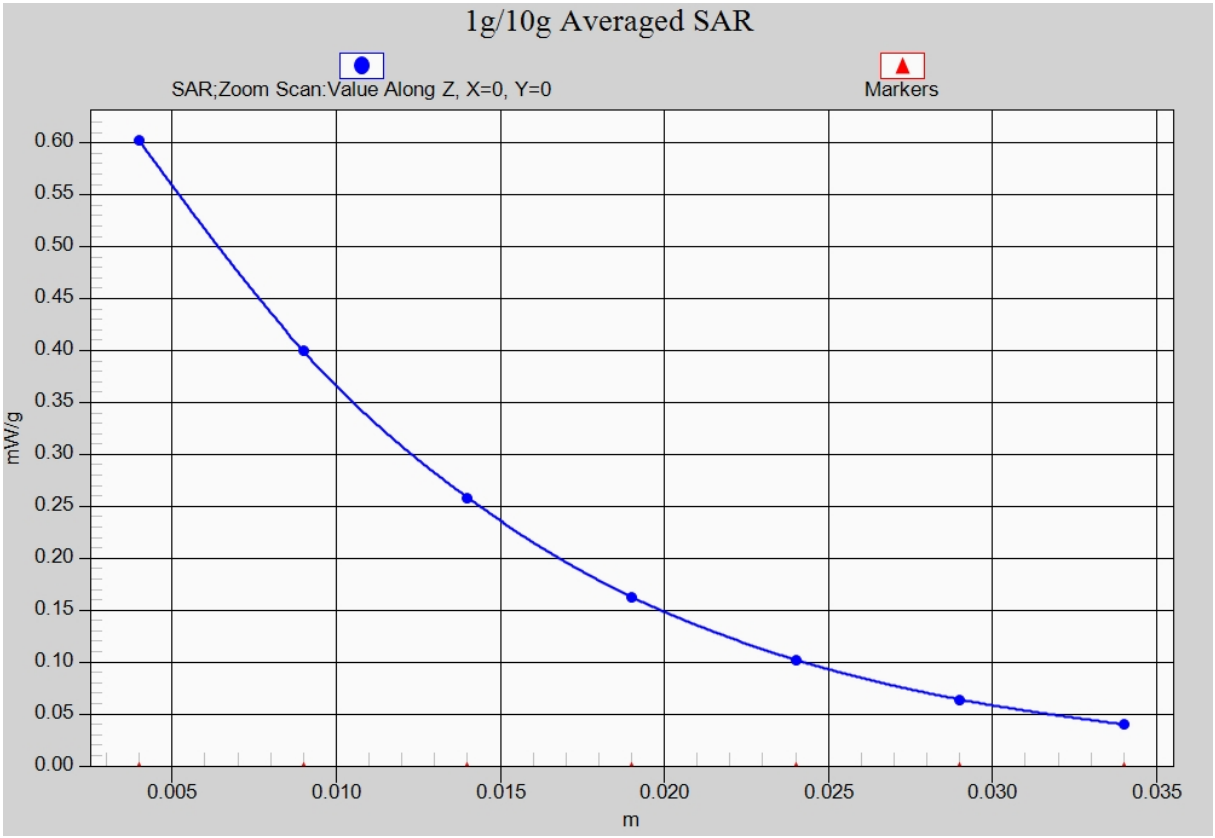

Fig. 88-1 Z-Scan at power reference point (WCDMA1900 CH9400)

WCDMA 1900 Body Towards Ground Low
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.462 mho/m; εr = 52.9; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.07 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.214 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.461 mW/g
SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.548 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

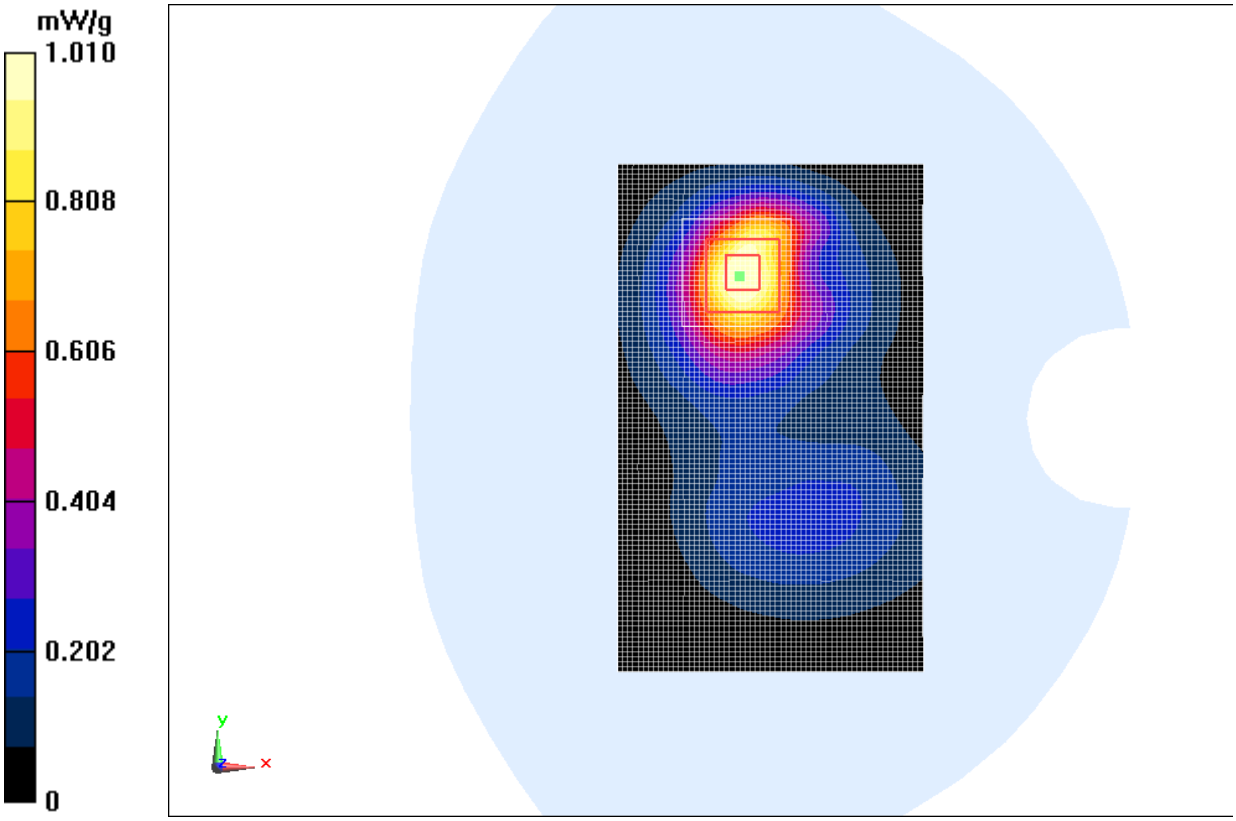

Fig. 89 WCDMA1900 CH9262

WCDMA 1900 Body Left Side Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Left Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.302 mW/g

Left Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.393 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.412 mW/g
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.165 mW/g
Maximum value of SAR (measured) = 0.296 mW/g

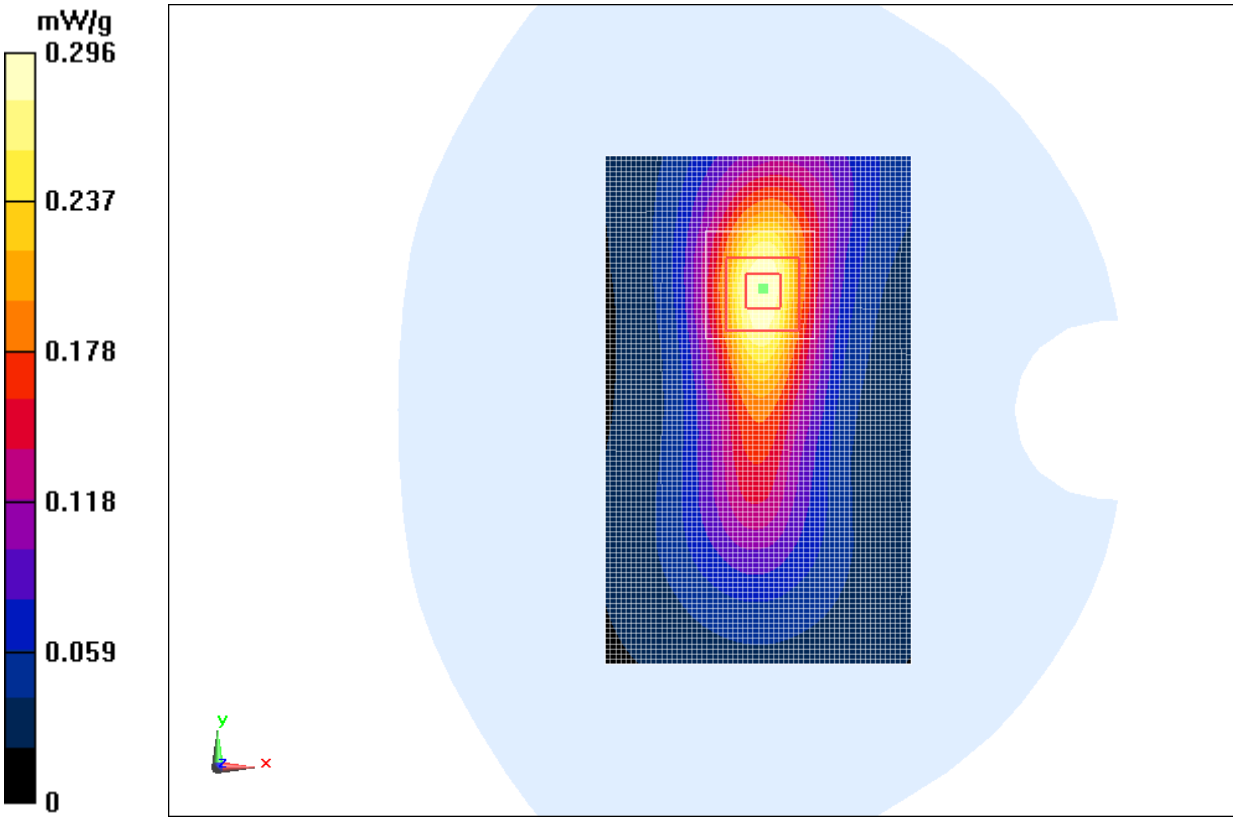

Fig. 90 WCDMA1900 CH9400

WCDMA 1900 Body Right Side Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: WCDMA 1900 Frequency: 1880 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Right Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.188 mW/g

Right Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.771 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.269 mW/g
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.194 mW/g
Right Side Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.771 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.206 mW/g
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.145 mW/g

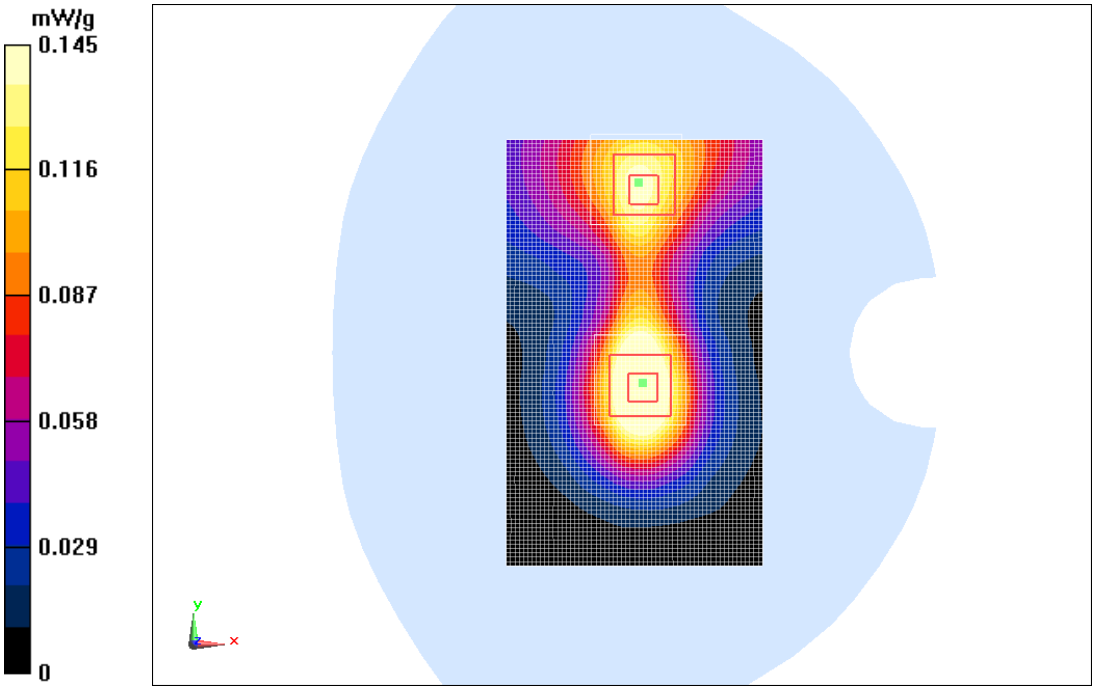

Fig. 91 WCDMA1900 CH9400

WCDMA 1900 Body Bottom Side Middle
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 0.382 mW/g

Bottom Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.074 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.527 mW/g
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.378 mW/g

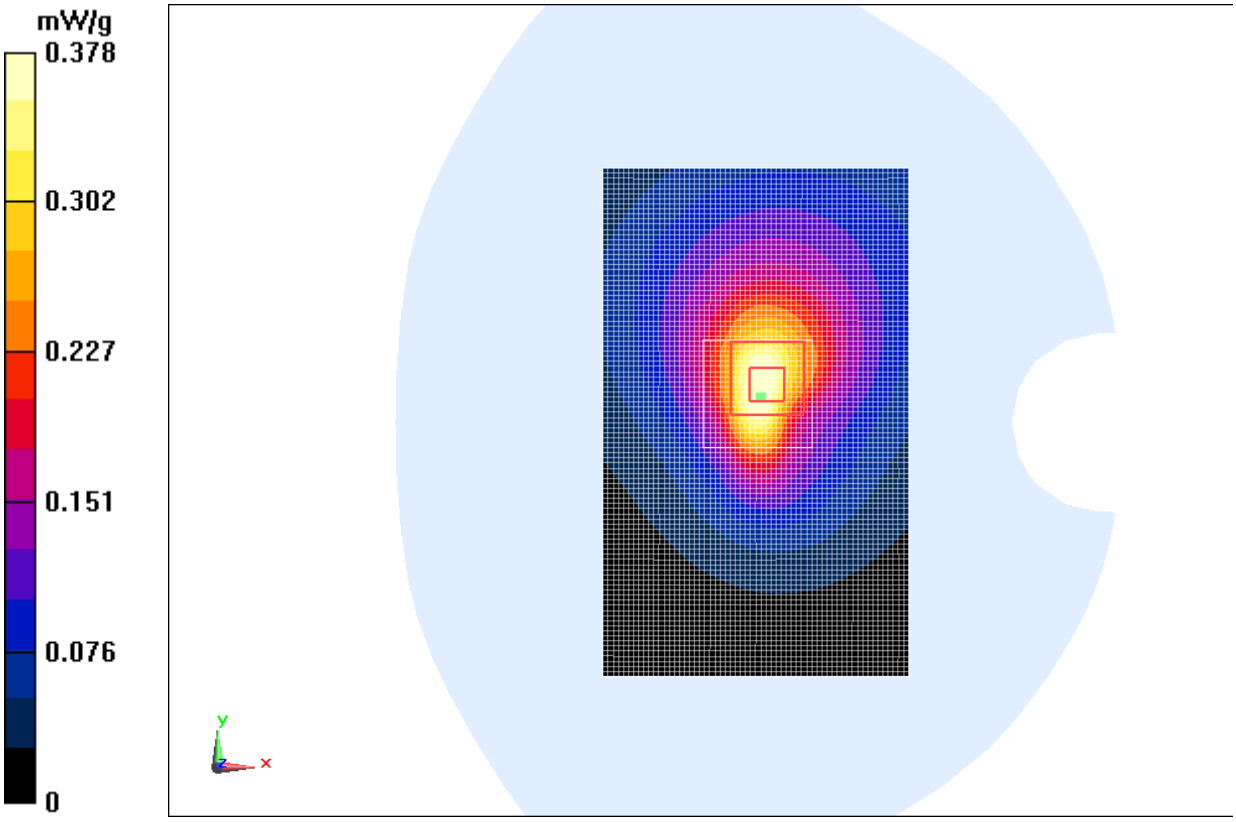

Fig. 92 WCDMA1900 CH9400

WCDMA 1900 Body Towards Ground Middle with Headset CCB3000A12C1
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 1.17 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.089 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.565 mW/g
SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.09 mW/g

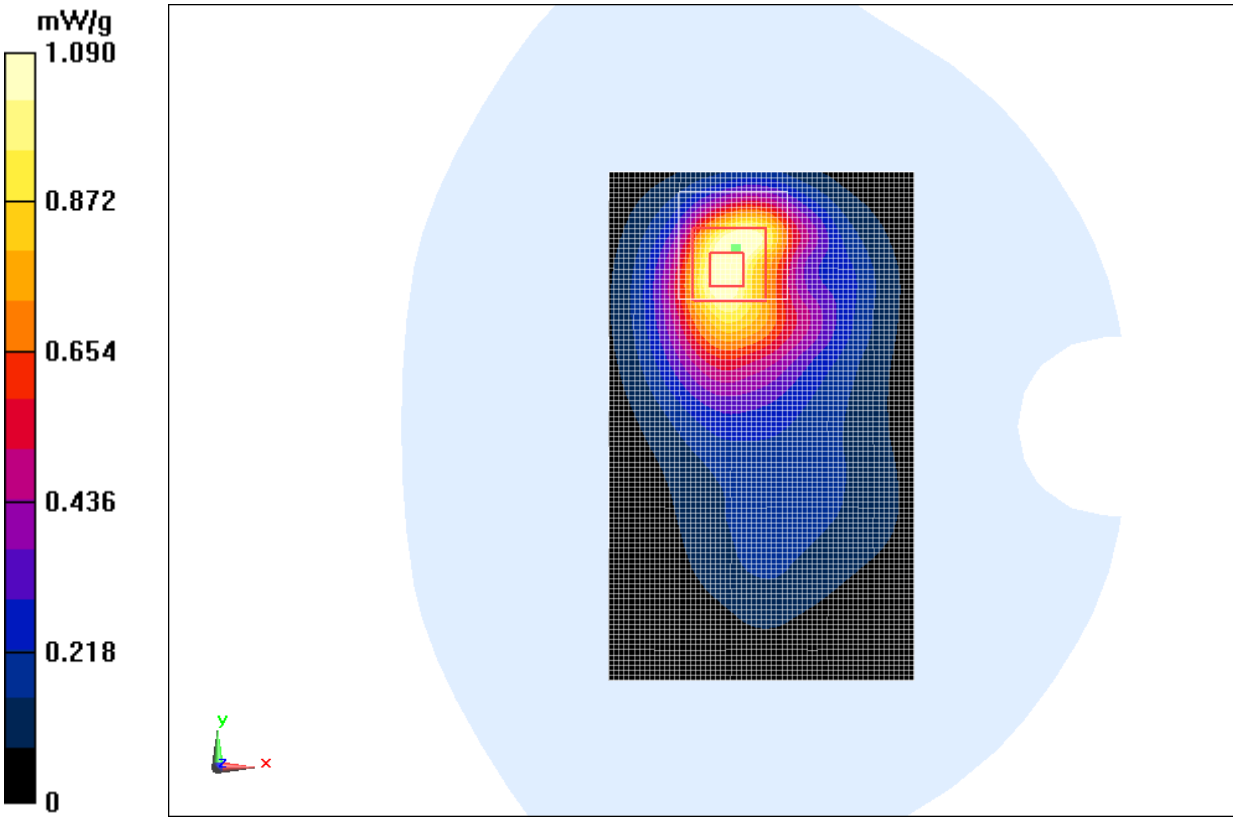

Fig. 93 WCDMA1900 CH9400

WCDMA 1900 Body Towards Ground Middle with Headset CCB3000A12C2
Date: 2012-7-26
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.493 mho/m; εr = 52.773; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°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) = 0.984 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.452 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.359 mW/g
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 0.956 mW/g

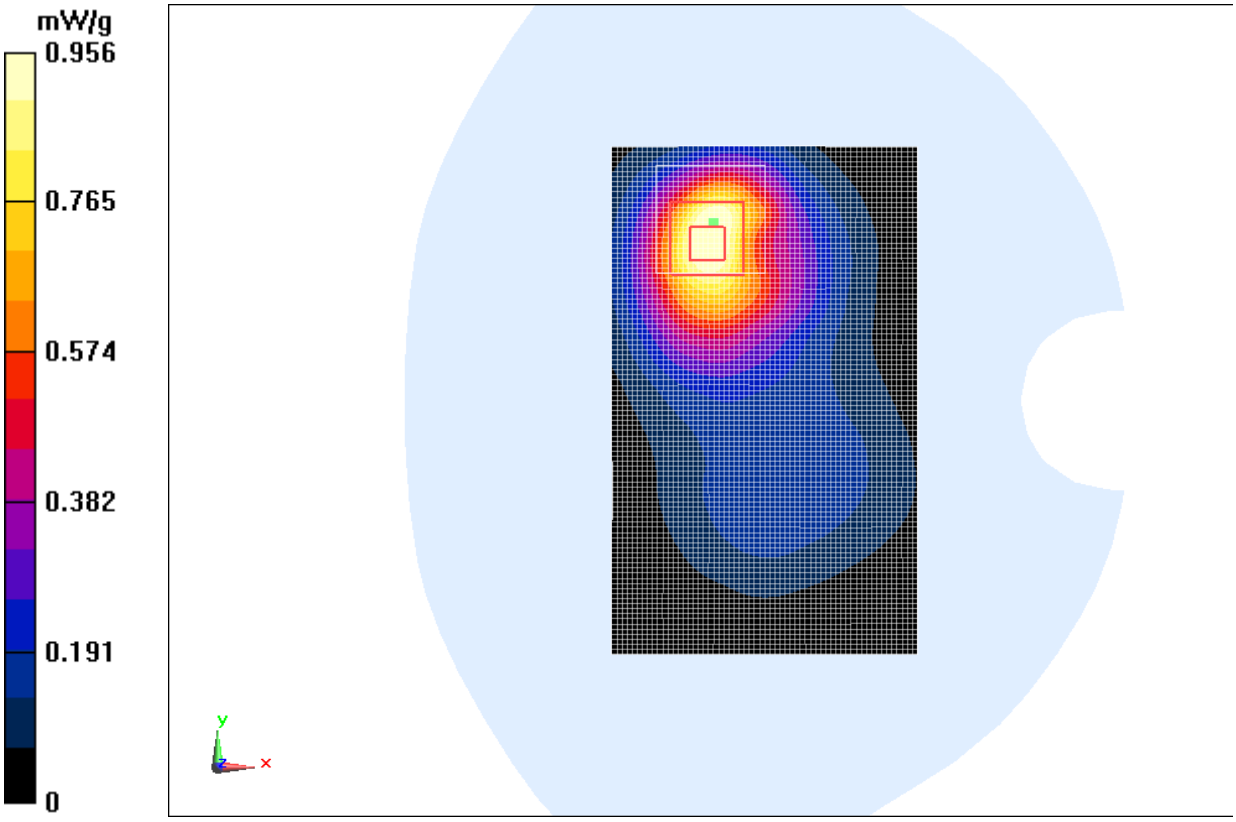

Fig. 94 WCDMA1900 CH9400