CDMA1700 Body Towards Phantom Middle with Headset CCB3001A14C1
Date: 2012-8-16
Electronics: DAE4 Sn771
Medium: Body 1750 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.509 mho/m; εr = 54.038; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: CDMA 1700 Frequency: 1732.5 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.84, 4.84, 4.84)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.495 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.682 mW/g
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.707 mW/g
Maximum value of SAR (measured) = 1.26 mW/g

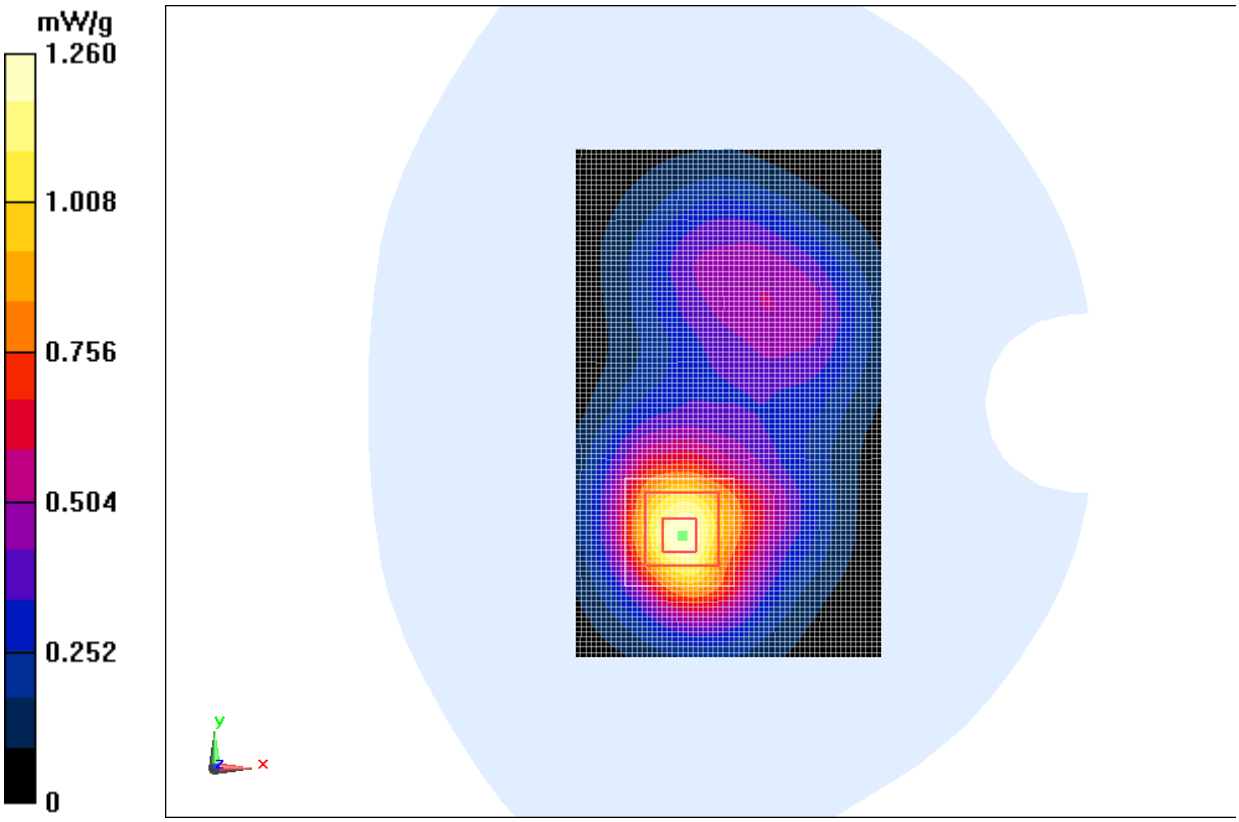


Fig. 45 1750 MHz CH450

CDMA1700 Body Towards Phantom Middle with battery CAB60B0000C2
Date: 2012-8-16
Electronics: DAE4 Sn771
Medium: Body 1750 MHz
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.509 mho/m; εr = 54.038; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: CDMA 1700 Frequency: 1732.5 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.84, 4.84, 4.84)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.543 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.835 mW/g
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.774 mW/g
Maximum value of SAR (measured) = 1.36 mW/g

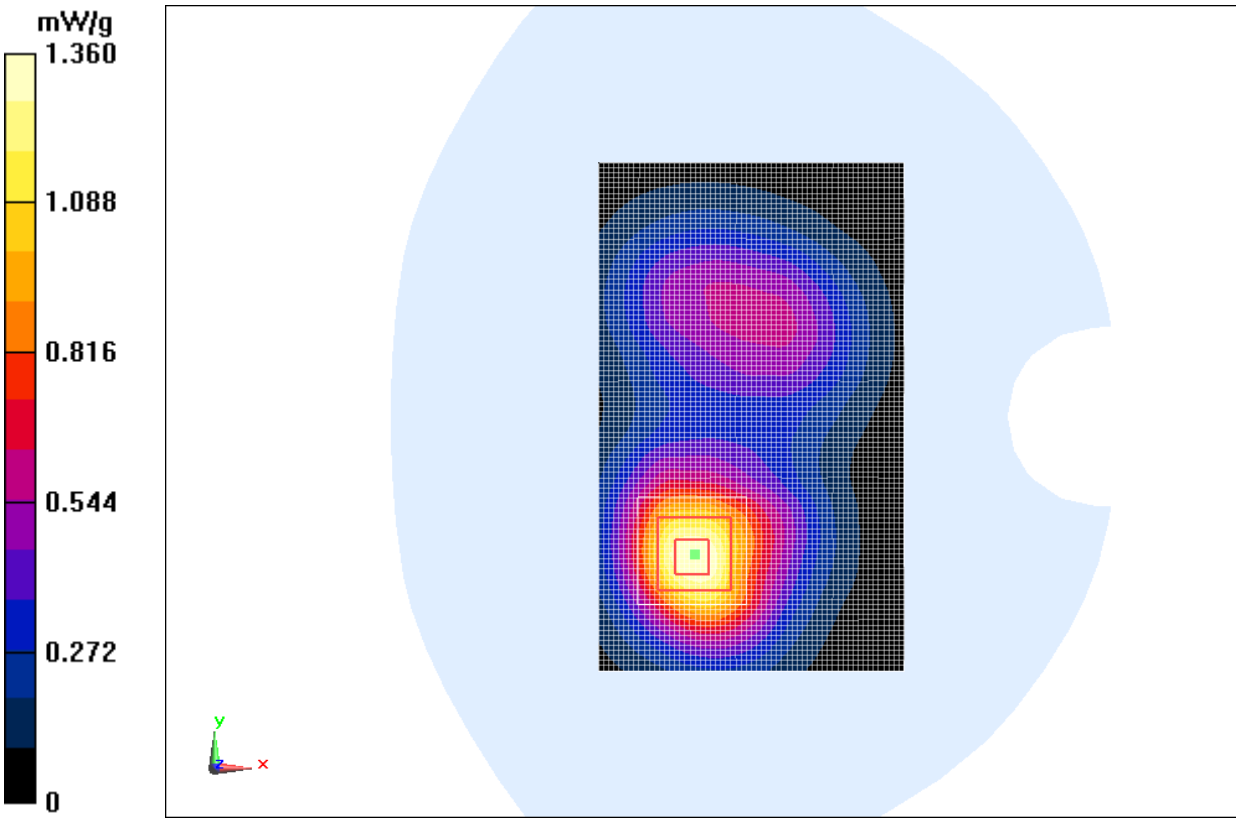


Fig. 46 1750 MHz CH450

CDMA 1900 Left Cheek High

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.46 mho/m; εr = 40.852; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1908.75 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) = 1.19 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.462 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.616 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.633 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

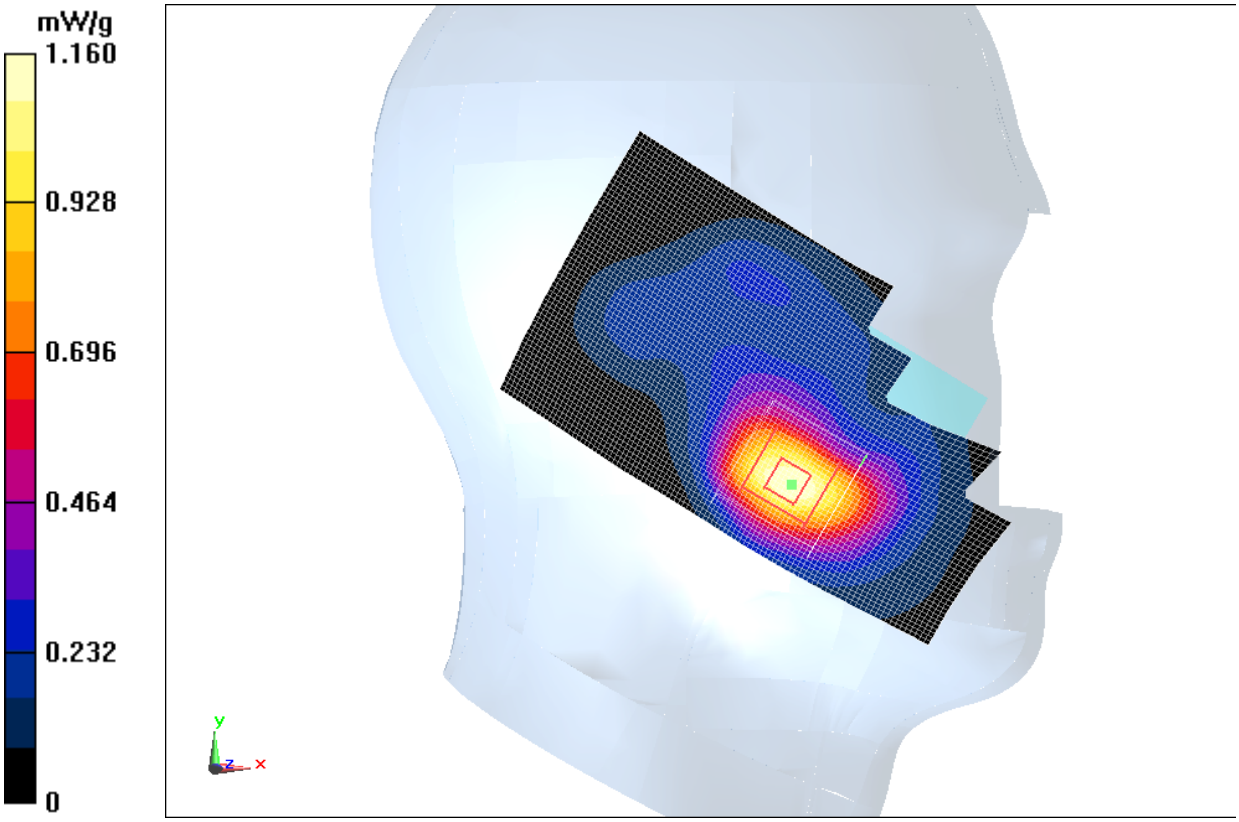


Fig. 47 1900 MHZ CH1175

CDMA 1900 Left Cheek Middle

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 40.966; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 1.03 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.950 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.402 mW/g
SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 0.996 mW/g

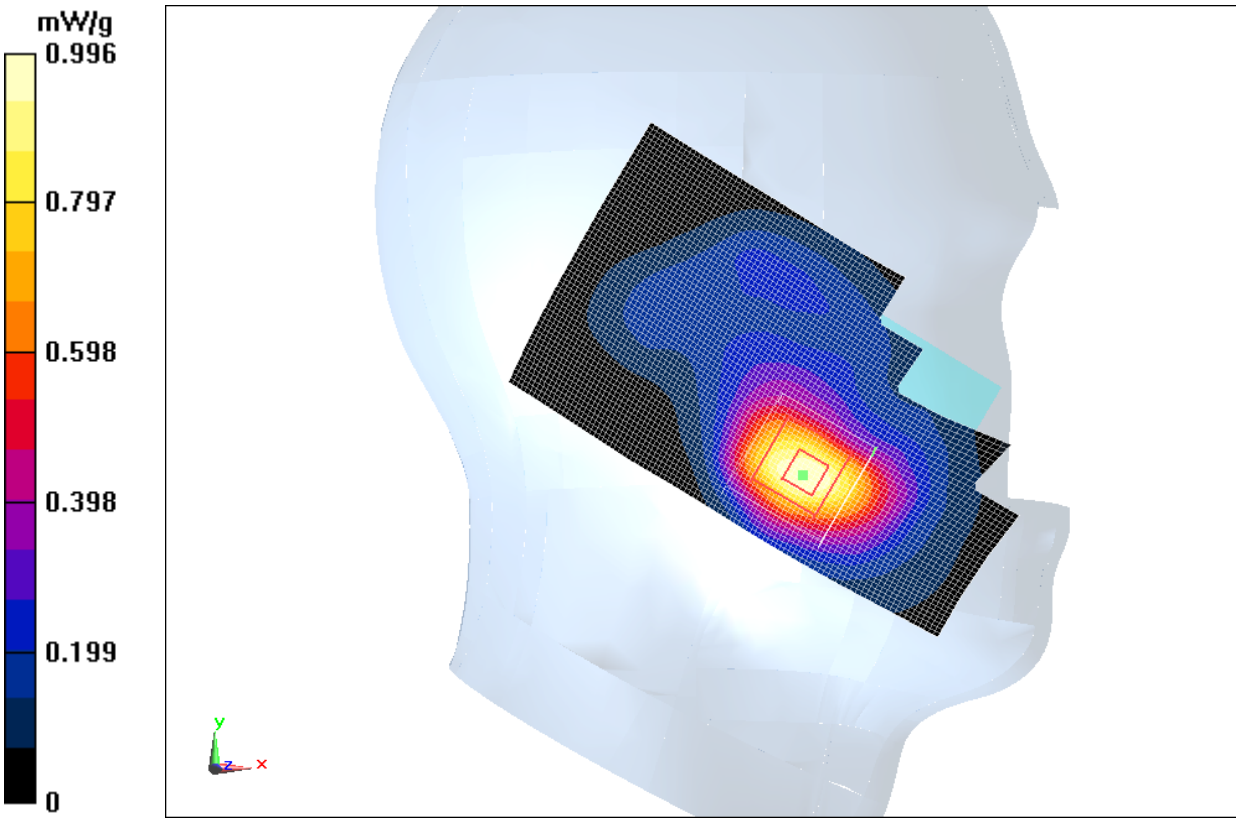


Fig. 48 1900 MHZ CH600

CDMA 1900 Left Cheek Low

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.408 mho/m; εr = 41.108; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 1.24 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.538 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.661 mW/g
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.677 mW/g
Maximum value of SAR (measured) = 1.20 mW/g

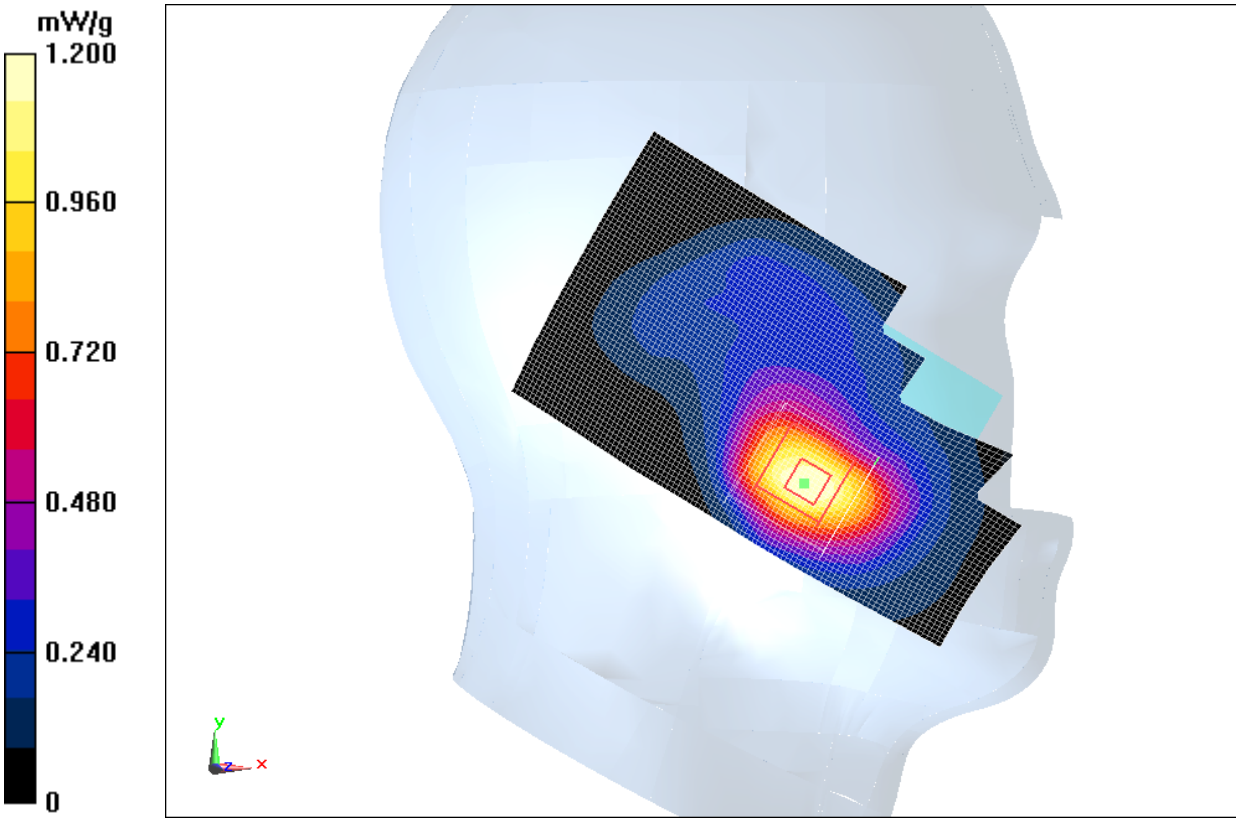


Fig. 49 1900 MHZ CH25

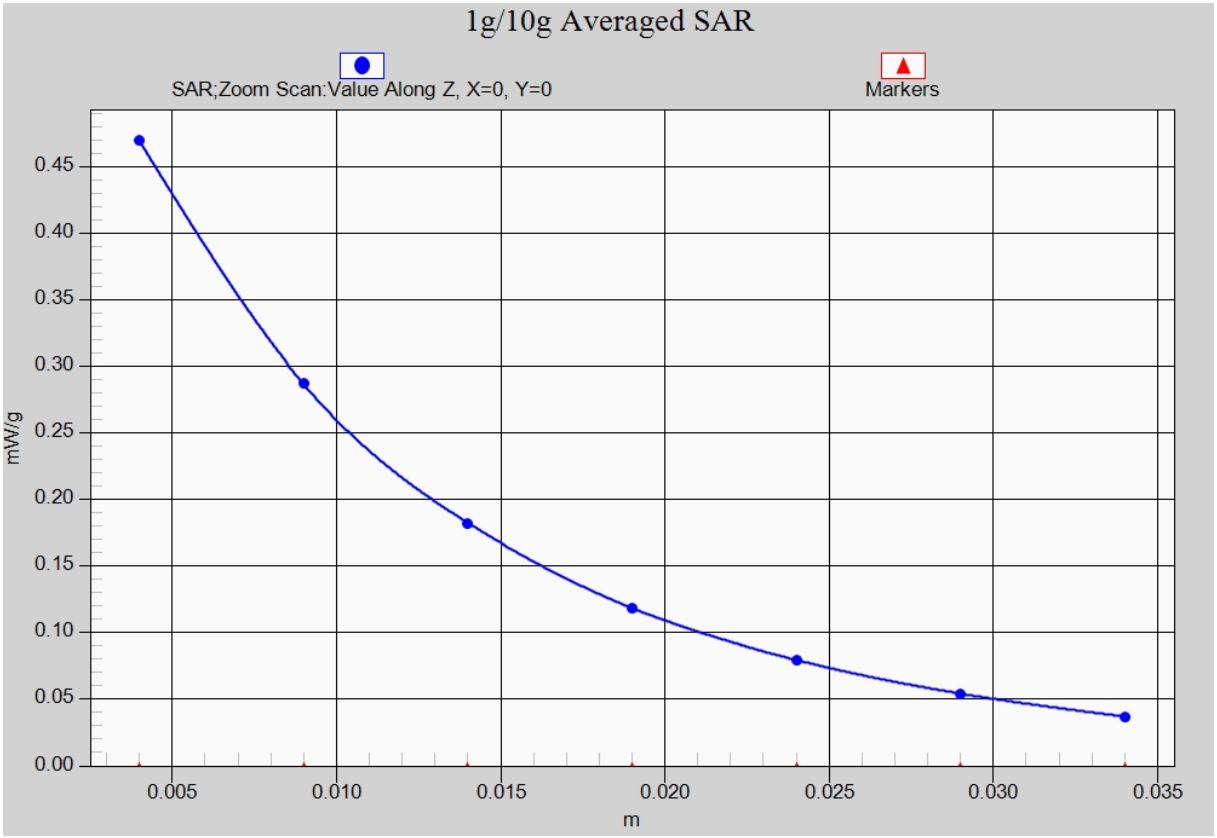


Fig. 49-1 Z-Scan at power reference point (1900 MHZ CH25)

CDMA 1900 Left Tilt High
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.46 mho/m; εr = 40.852; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1908.75 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) = 0.431 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.755 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.637 mW/g
SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.437 mW/g

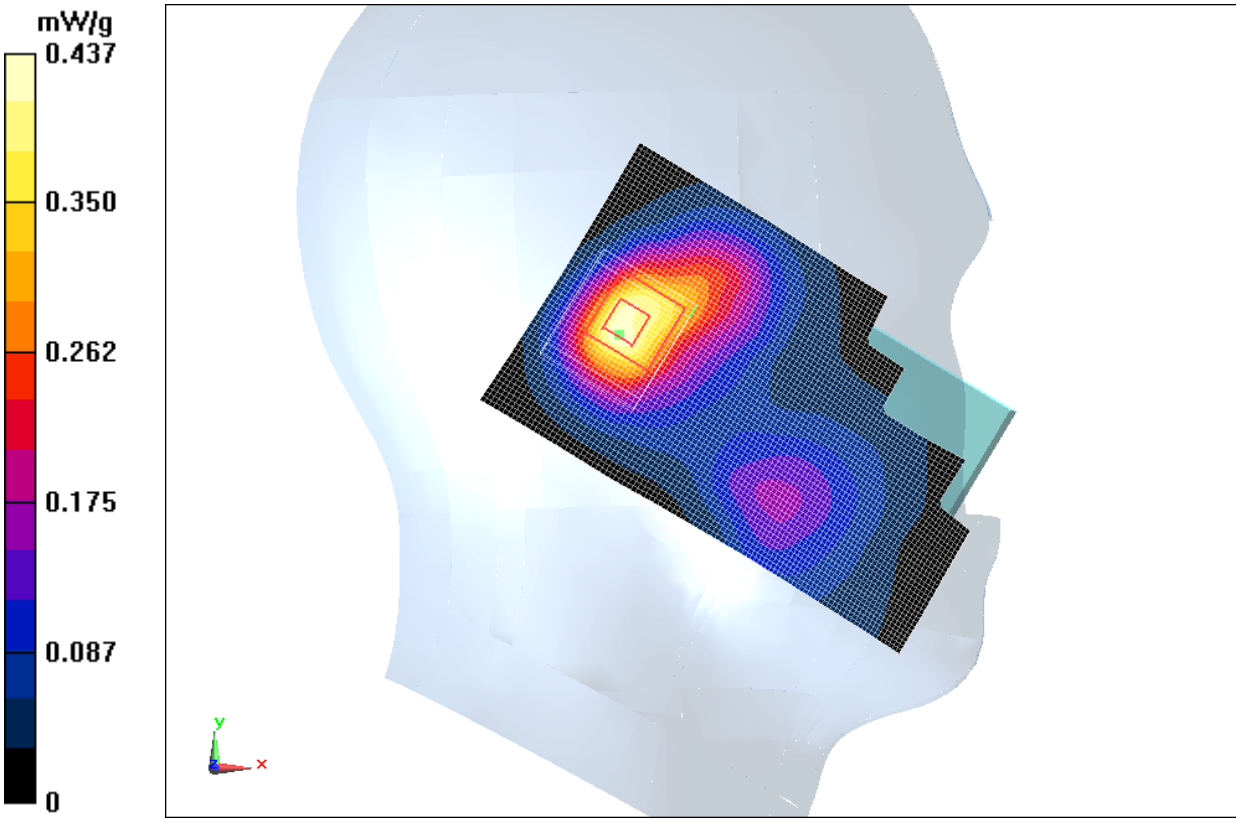


Fig. 50 1900 MHZ CH1175

CDMA 1900 Left Tilt Middle
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 40.966; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 0.365 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.744 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.545 mW/g
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.383 mW/g

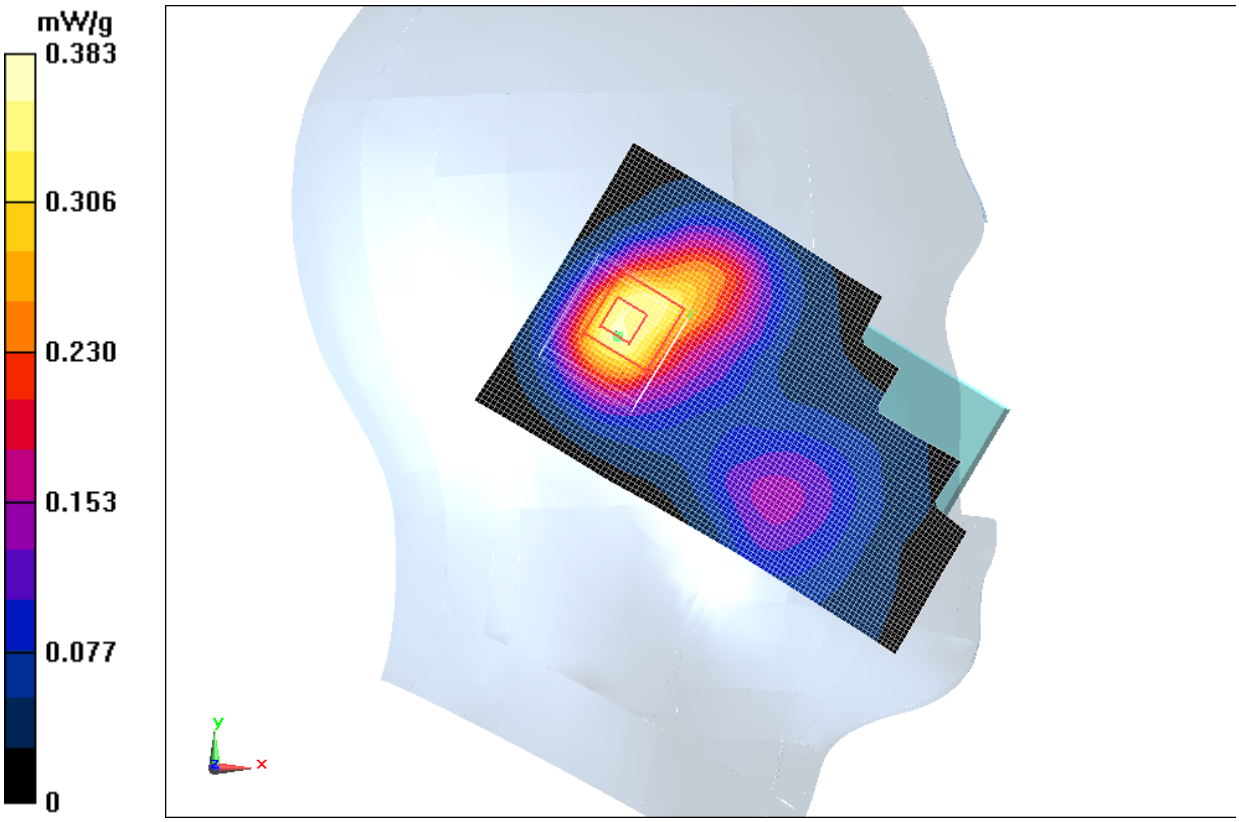


Fig. 51 1900 MHZ CH600

CDMA 1900 Left Tilt Low
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.408 mho/m; εr = 41.108; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 0.379 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.041 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.555 mW/g
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.393 mW/g

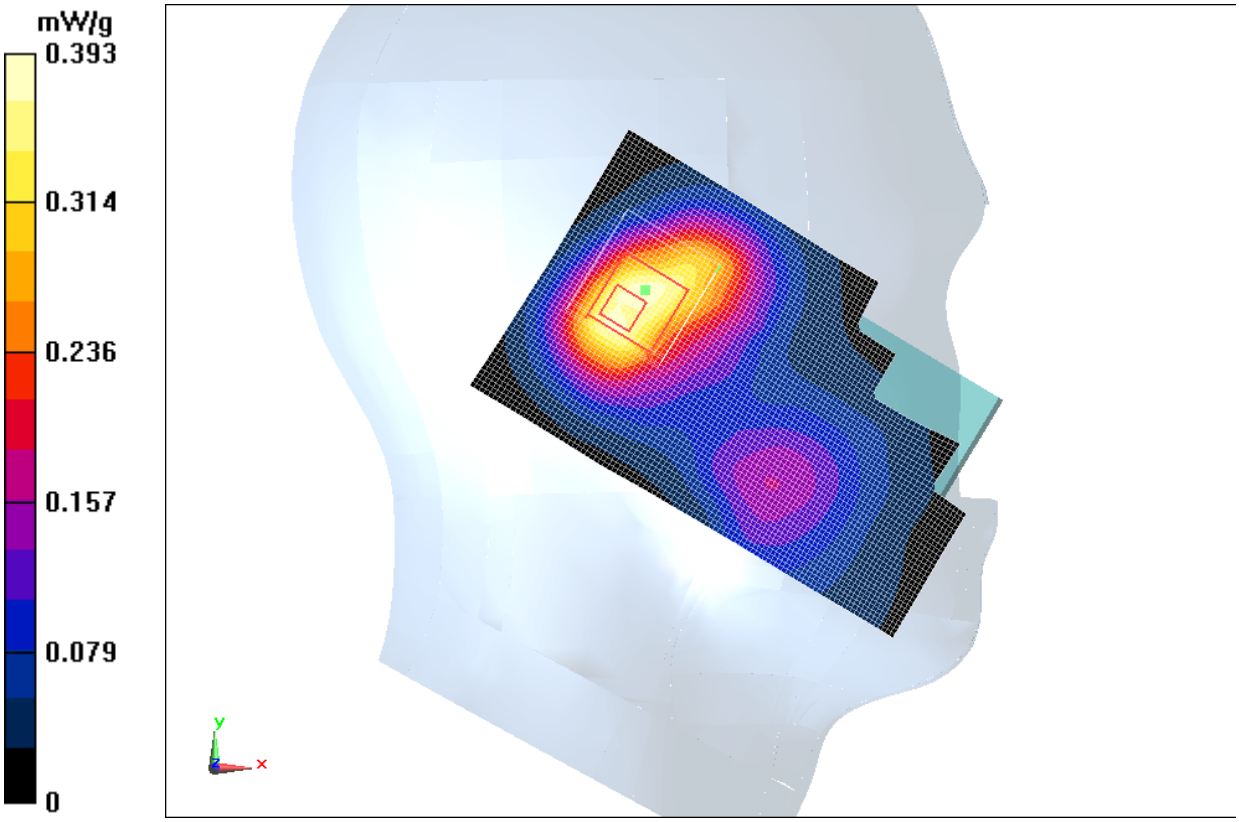


Fig. 52 1900 MHZ CH25

CDMA 1900 Right Cheek High
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.46 mho/m; εr = 40.852; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1908.75 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) = 0.564 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.217 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.785 mW/g
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.556 mW/g
Cheek High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.217 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.678 mW/g
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.488 mW/g

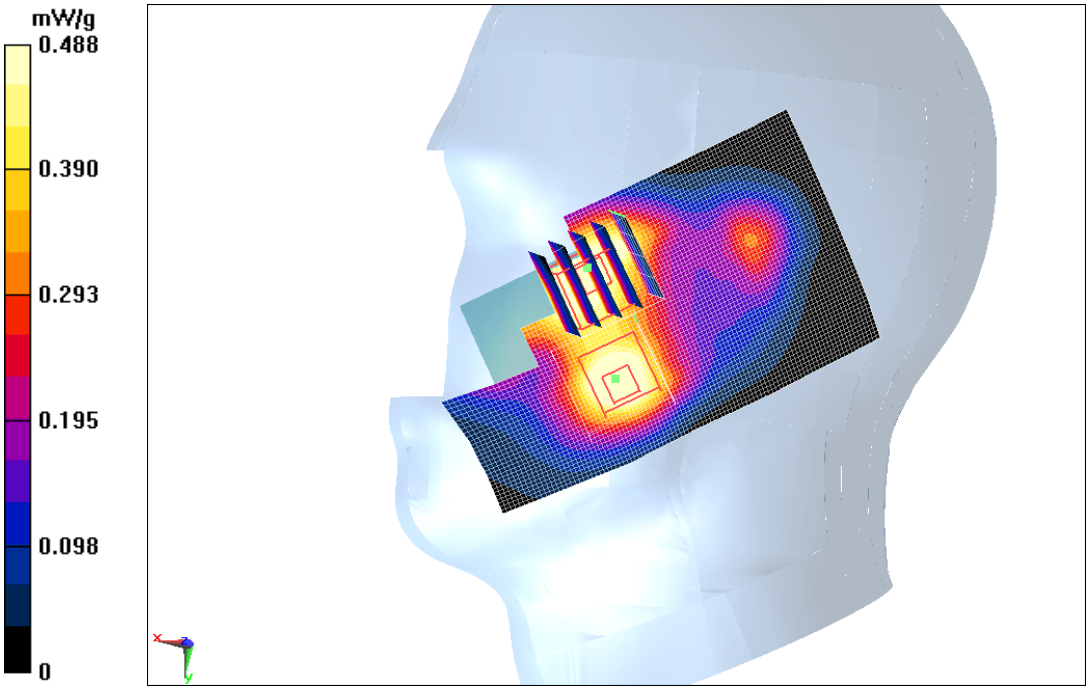


Fig. 53 1900 MHZ CH1175

CDMA 1900 Right Cheek Middle

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 40.966; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 0.487 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.822 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.666 mW/g
SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.478 mW/g
Cheek Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.822 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.590 mW/g
SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.434 mW/g

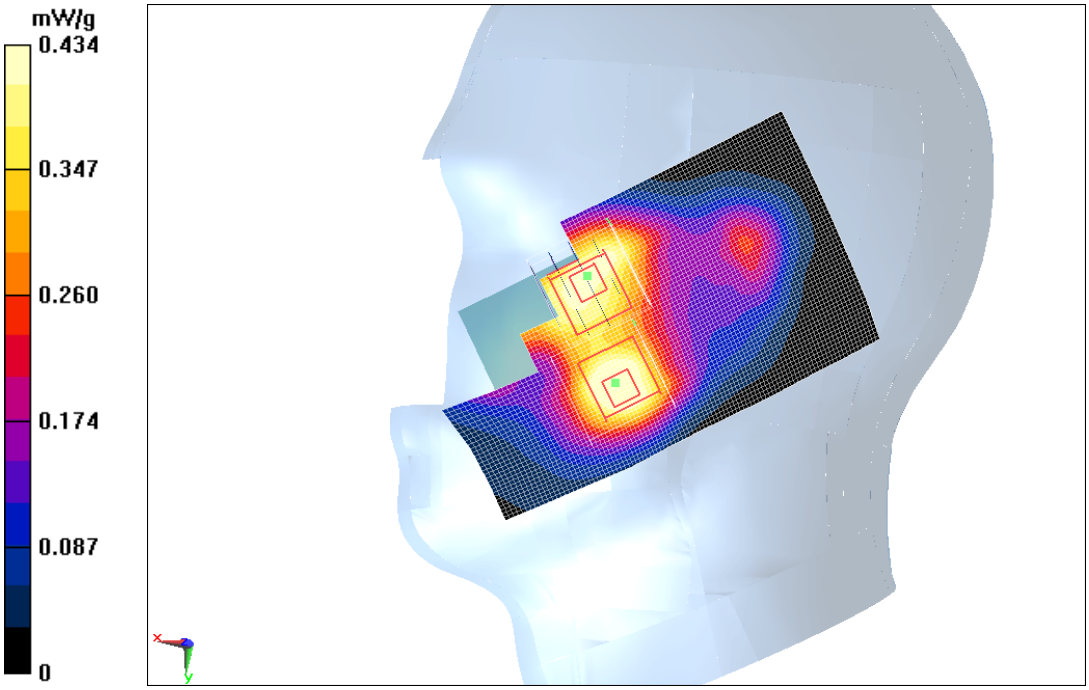


Fig. 54 1900 MHZ CH600

CDMA 1900 Right Cheek Low

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.408 mho/m; εr = 41.108; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 0.618 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.346 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.845 mW/g
SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.360 mW/g
Maximum value of SAR (measured) = 0.620 mW/g
Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.346 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.700 mW/g
SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 0.512 mW/g

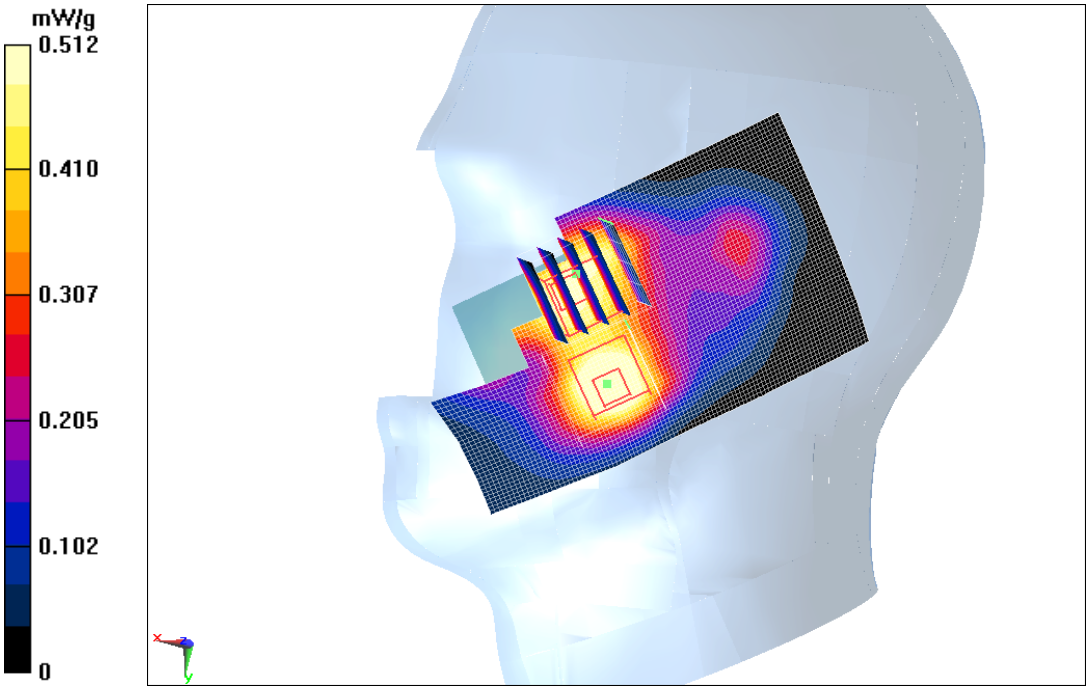


Fig. 55 1900 MHZ CH25

CDMA 1900 Right Tilt High

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.46 mho/m; εr = 40.852; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1908.75 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) = 0.467 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.523 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.604 mW/g
SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.414 mW/g

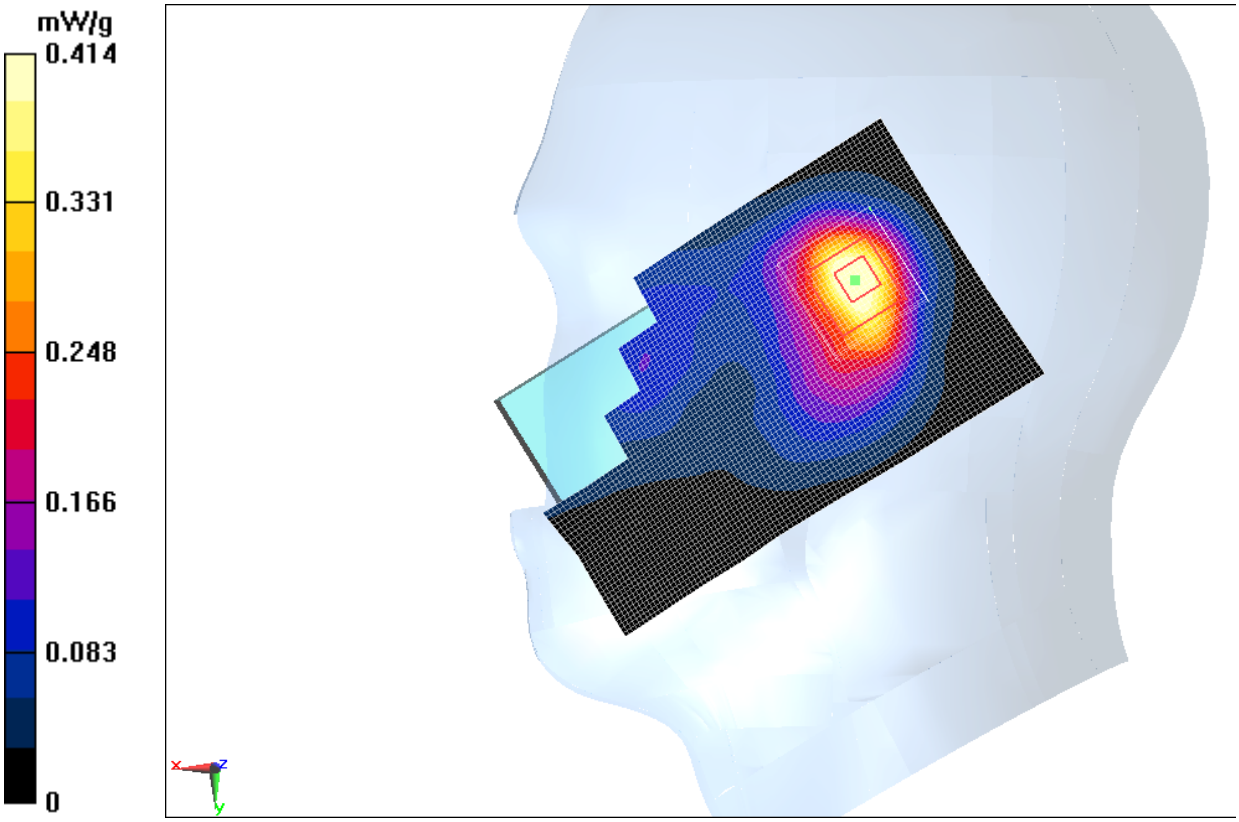


Fig. 56 1900 MHZ CH1175

CDMA 1900 Right Tilt Middle

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.431 mho/m; εr = 40.966; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 0.389 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.385 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.513 mW/g
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.359 mW/g

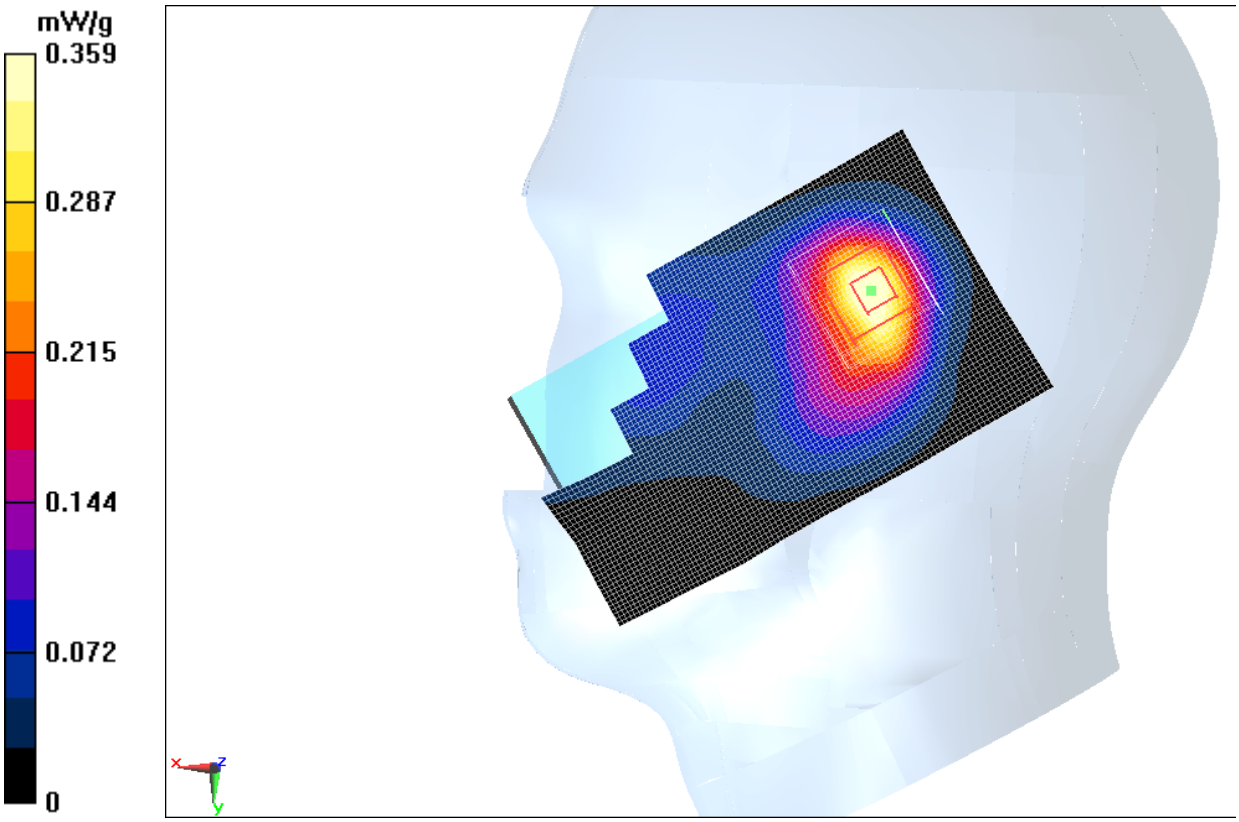


Fig. 57 1900 MHZ CH600

CDMA 1900 Right Tilt Low
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.408 mho/m; εr = 41.108; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 0.409 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.920 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.530 mW/g
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.365 mW/g

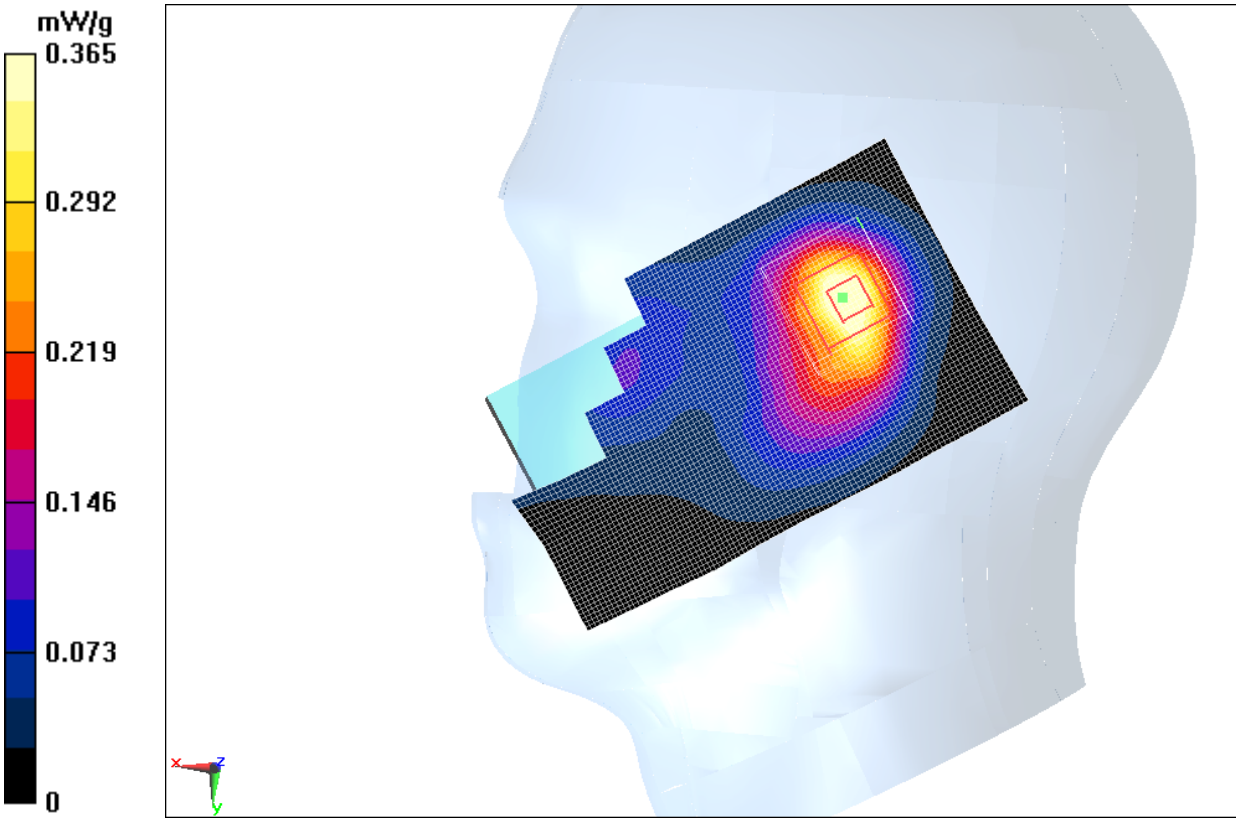


Fig. 58 1900 MHZ CH25

CDMA 1900 Body Towards Phantom High

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.515 mho/m; εr = 52.635; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1908.75 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) = 1.16 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.117 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.680 mW/g
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.664 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

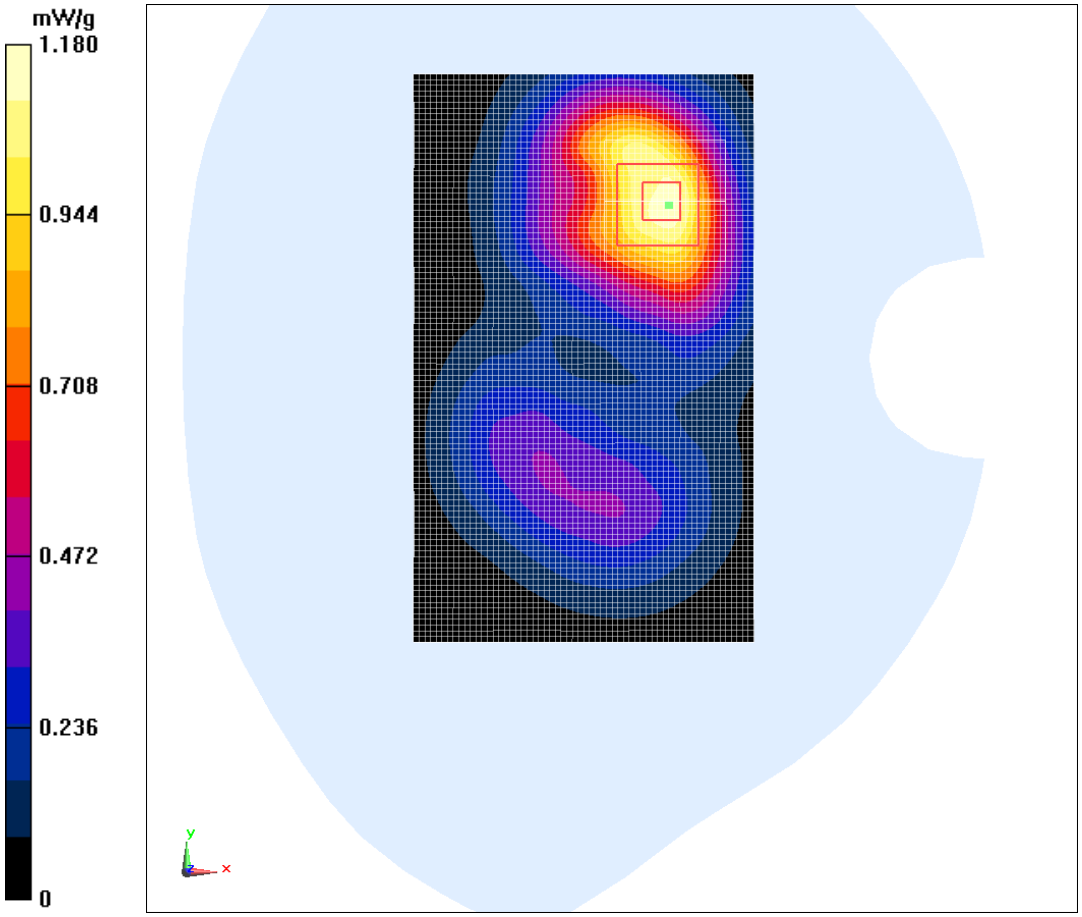


Fig. 59 1900 MHZ CH1175

CDMA 1900 Body Towards Phantom Middle

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.486 mho/m; εr = 52.753; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 1.03 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.950 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.507 mW/g
SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.604 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

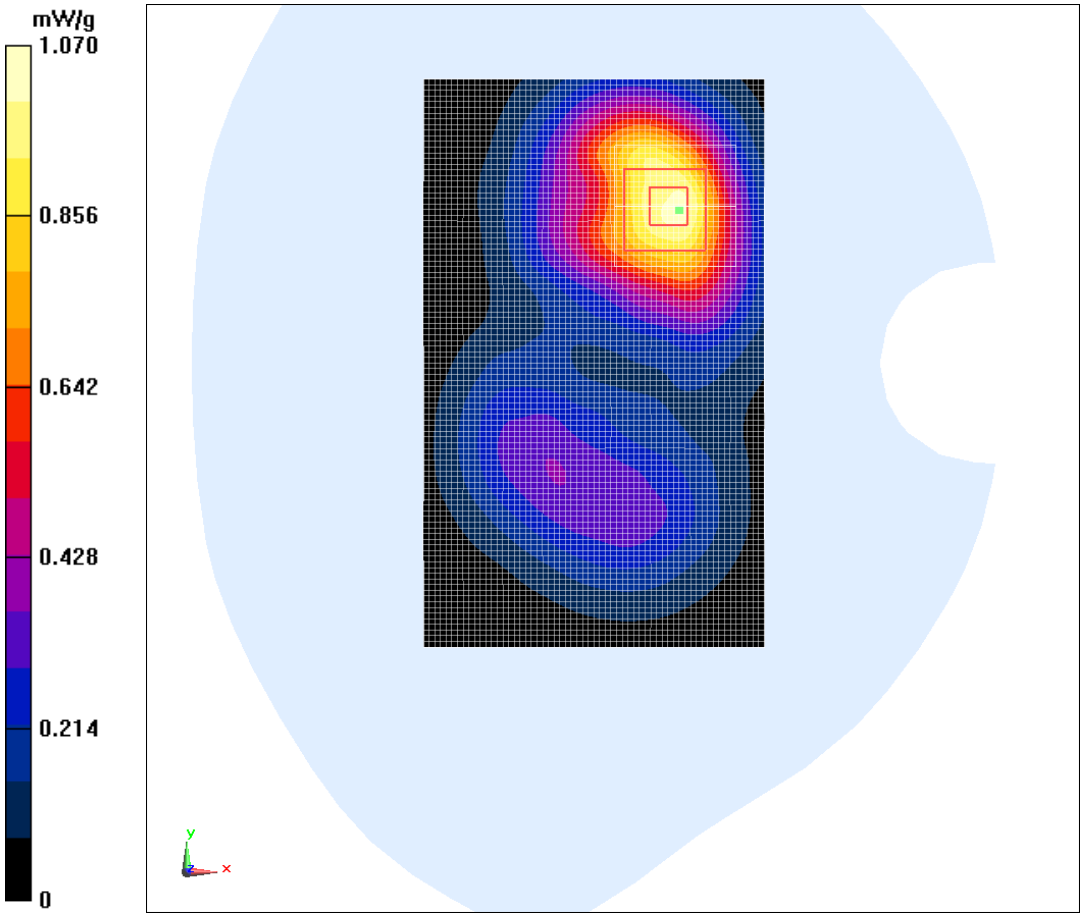


Fig. 60 1900 MHZ CH600

CDMA 1900 Body Towards Phantom Low
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.454 mho/m; εr = 52.884; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 1.26 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.001 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.805 mW/g
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.735 mW/g
Maximum value of SAR (measured) = 1.29 mW/g

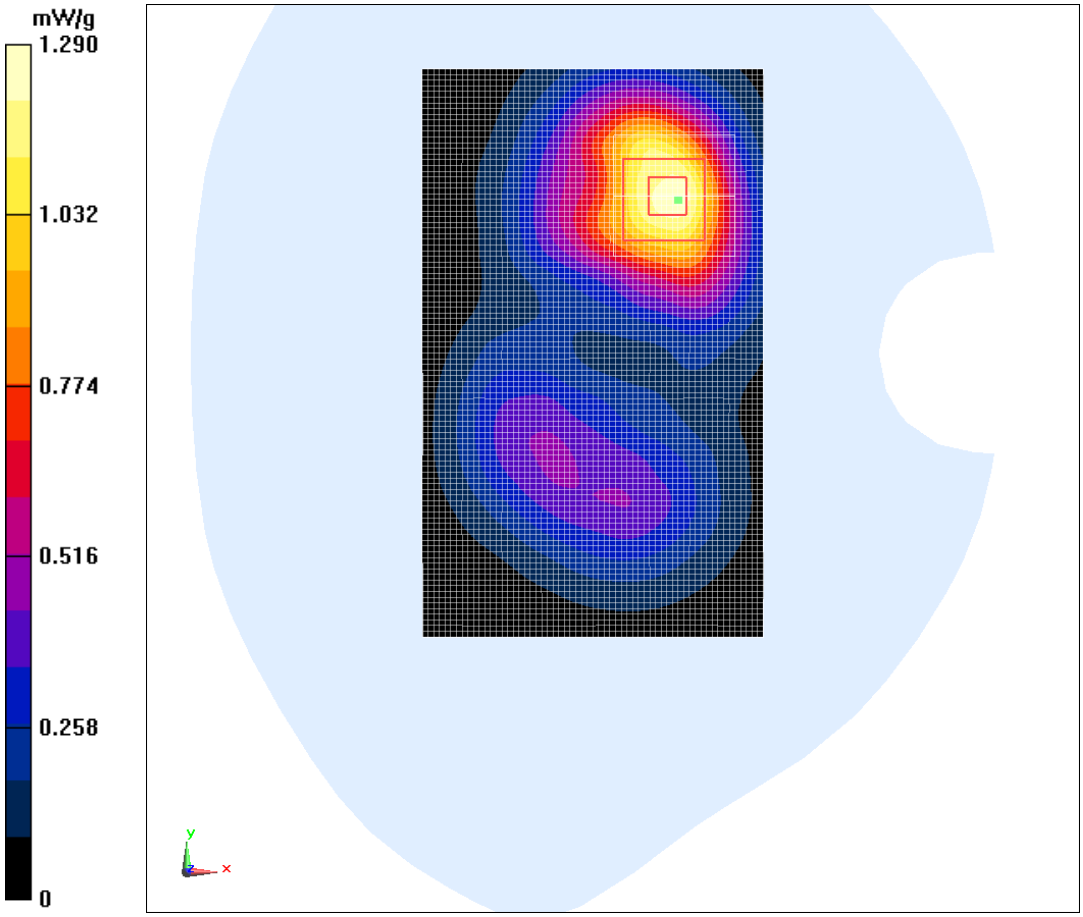


Fig. 61 1900 MHZ CH25

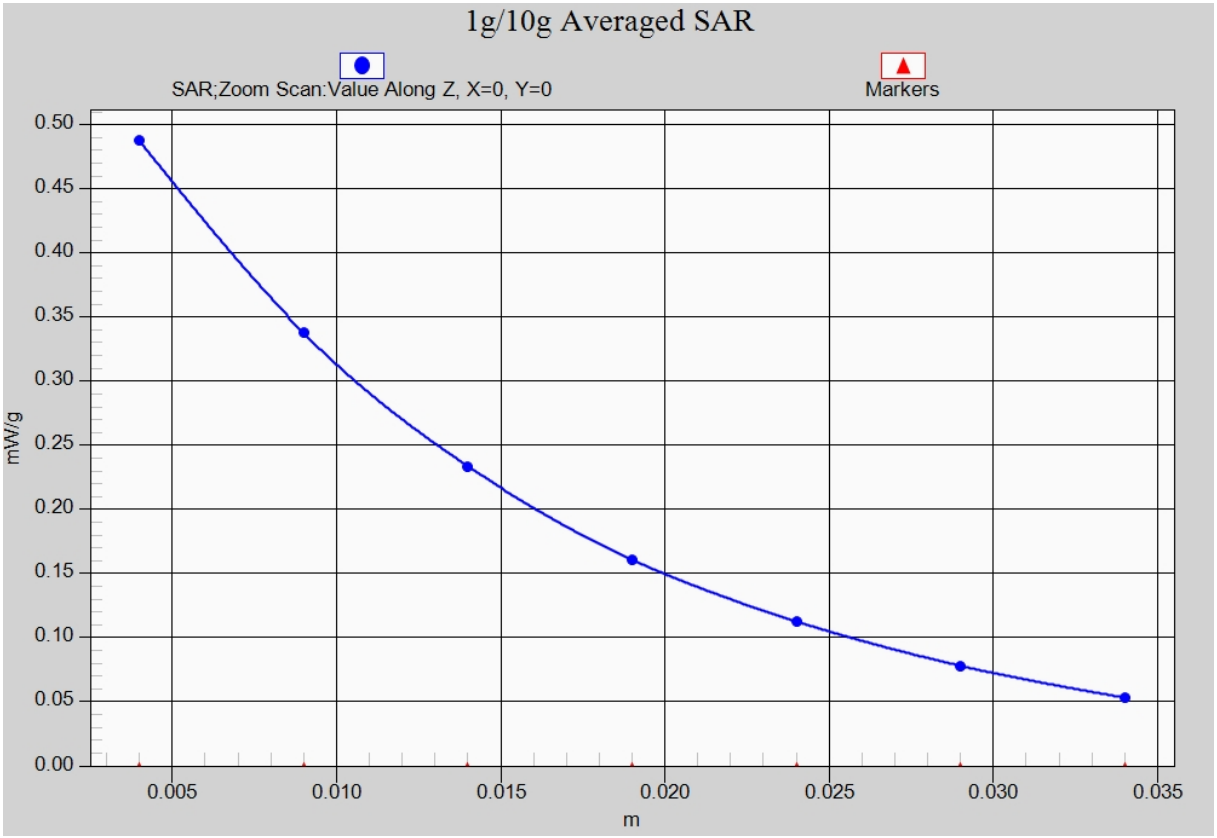


Fig. 61-1 Z-Scan at power reference point (1900 MHZ CH25)

CDMA 1900 Body Towards Ground High

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1908.75 MHz; σ = 1.515 mho/m; εr = 52.635; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1908.75 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) = 1.08 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.879 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.521 mW/g
SAR(1 g) = 0.999 mW/g; SAR(10 g) = 0.618 mW/g
Maximum value of SAR (measured) = 1.09 mW/g

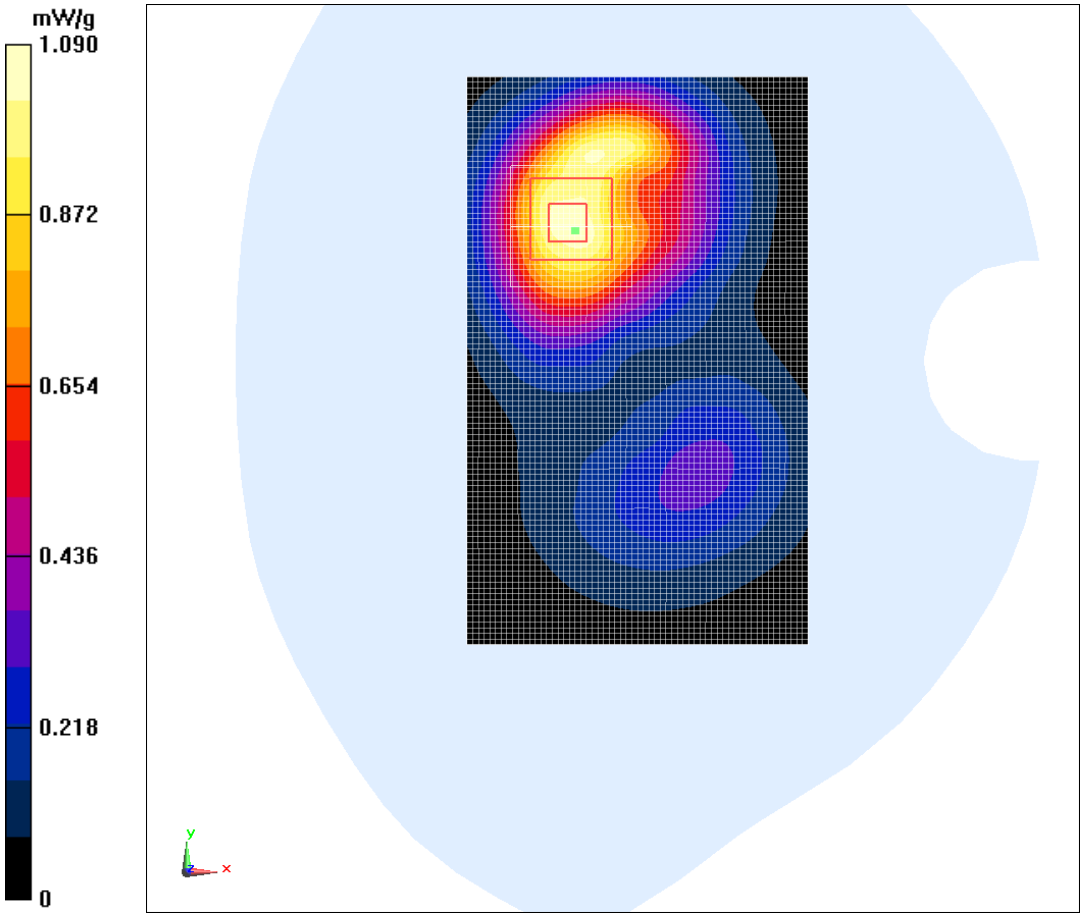


Fig. 62 1900 MHZ CH1175

CDMA 1900 Body Towards Ground Middle
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.486 mho/m; εr = 52.753; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 1.02 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.109 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.432 mW/g
SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.586 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

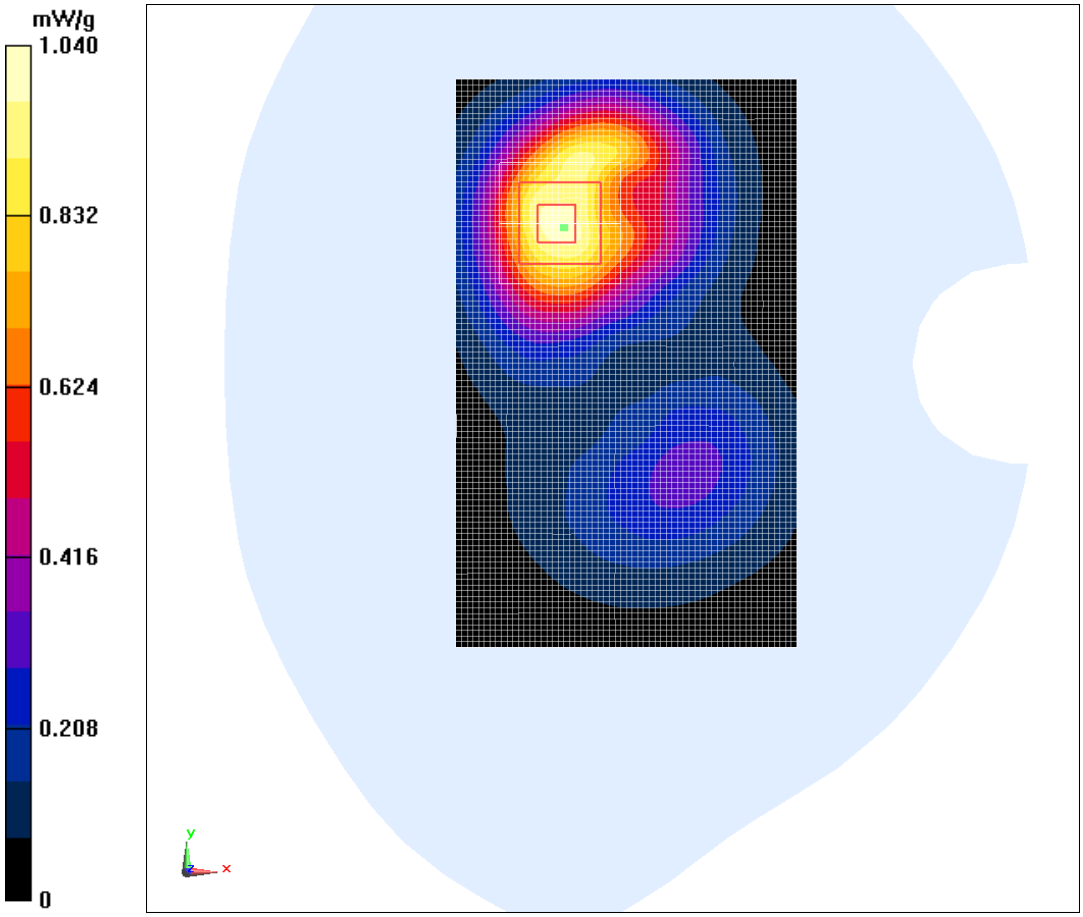


Fig. 63 1900 MHZ CH600

CDMA 1900 Body Towards Ground Low
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.454 mho/m; εr = 52.884; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 1.12 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.536 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.600 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

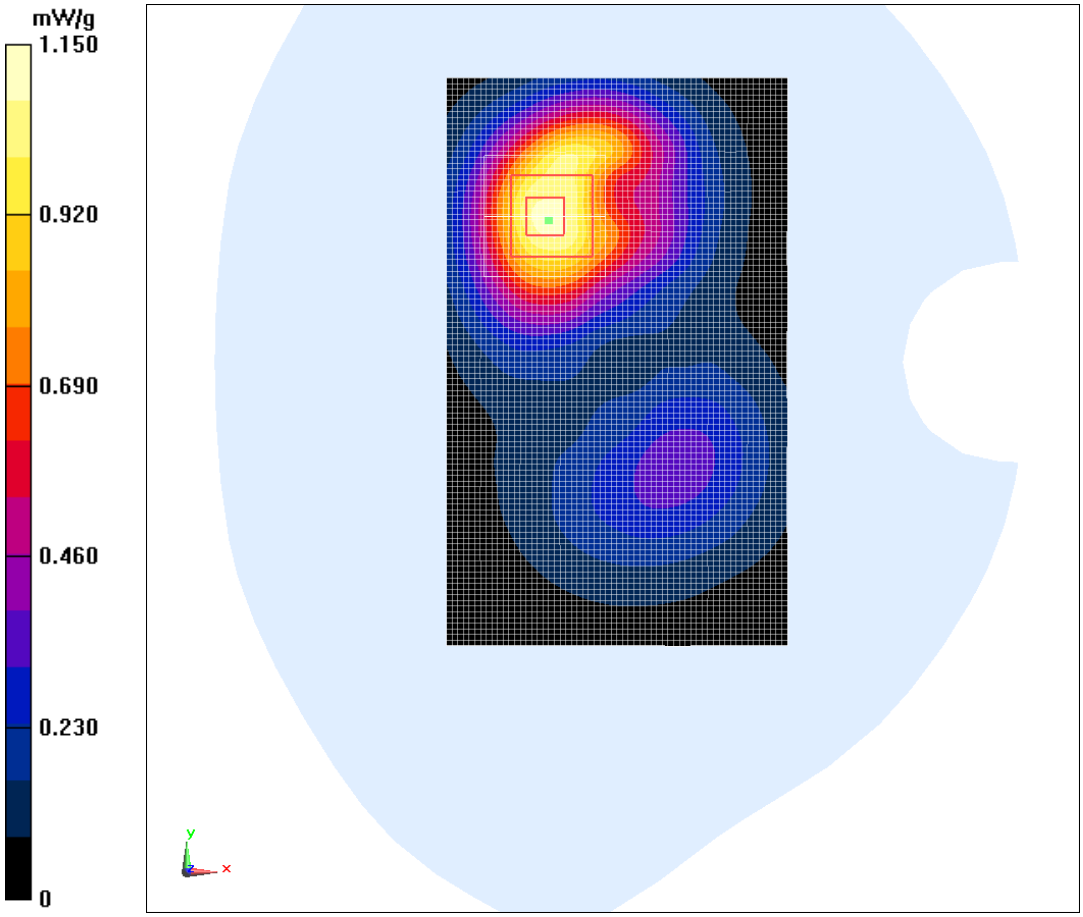


Fig. 64 1900 MHZ CH25

CDMA 1900 Body Left Side Middle
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.486 mho/m; εr = 52.753; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 0.304 mW/g

Left Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.565 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.418 mW/g
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.296 mW/g

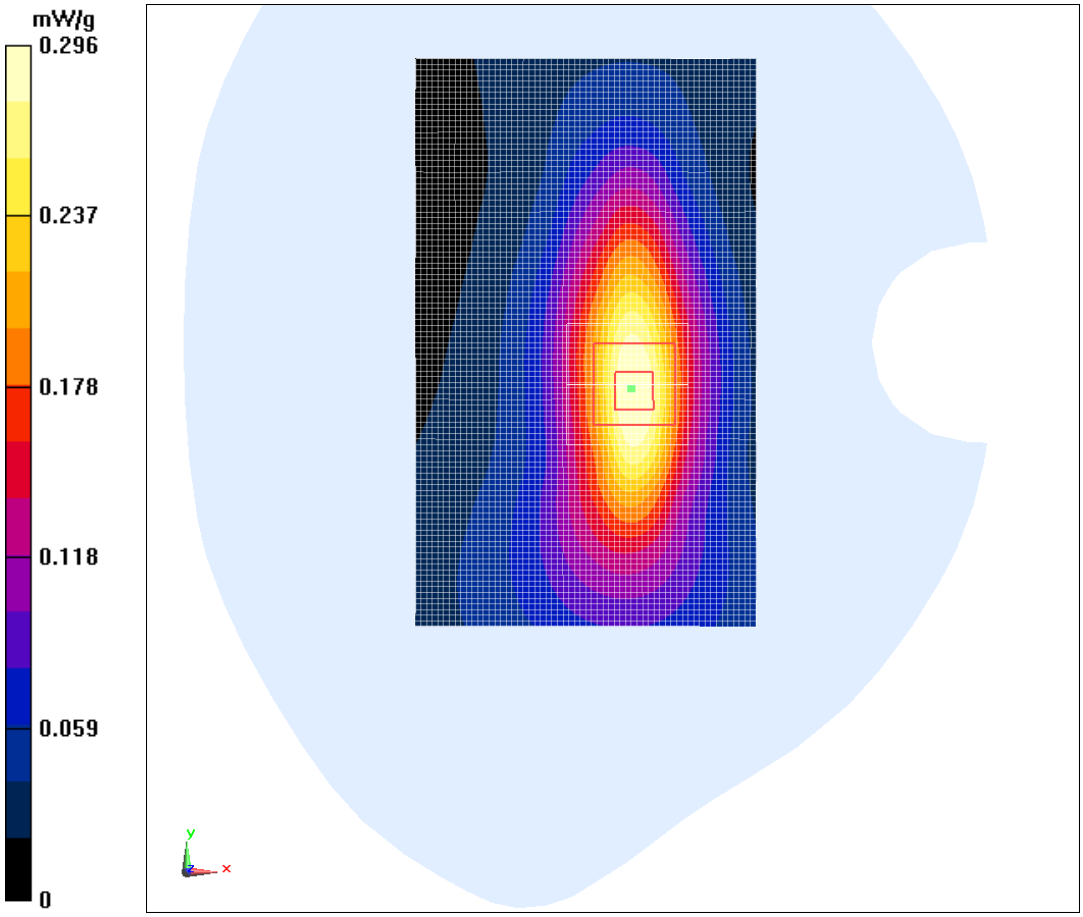


Fig. 65 1900 MHZ CH600

CDMA 1900 Body Left Side Low
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.454 mho/m; εr = 52.884; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Left Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.451 mW/g

Left Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.146 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.590 mW/g
SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.425 mW/g

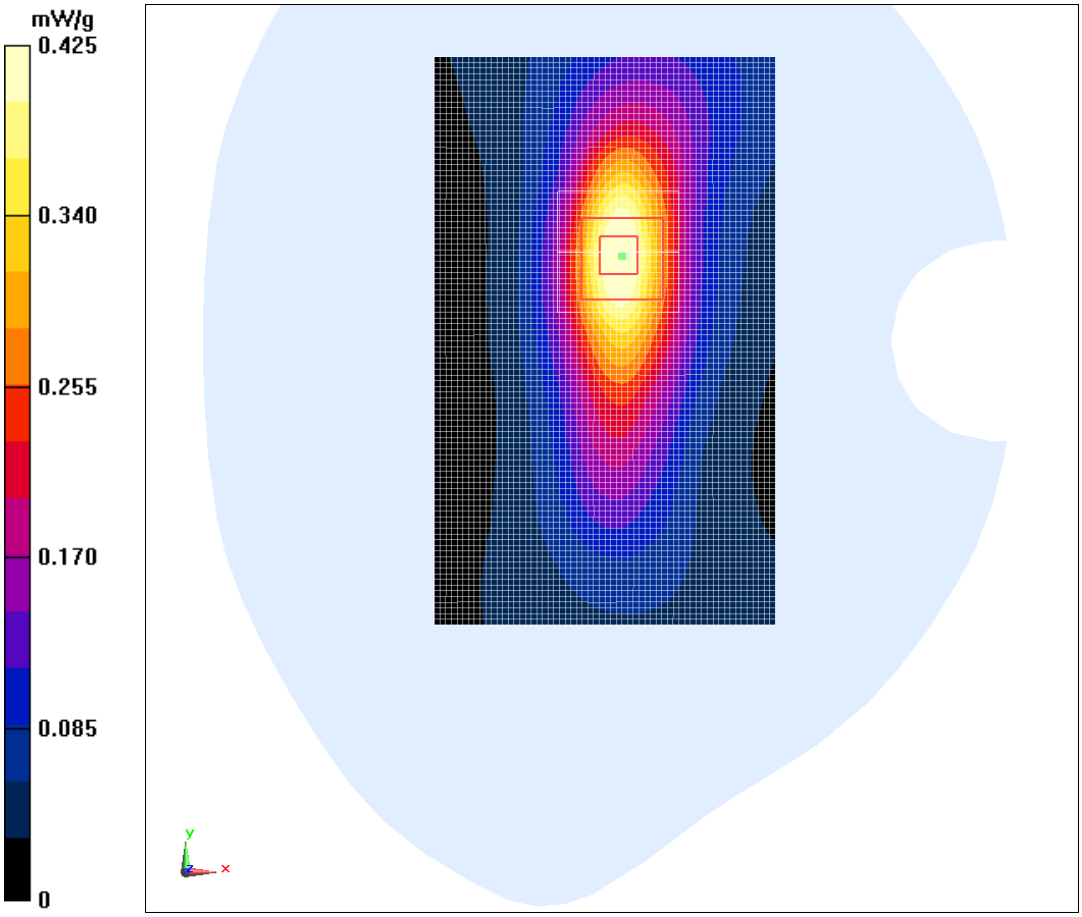


Fig. 66 1900 MHZ CH25

CDMA 1900 Body Right Side Middle

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.486 mho/m; εr = 52.753; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 0.256 mW/g

Right Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.752 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.334 mW/g
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.244 mW/g

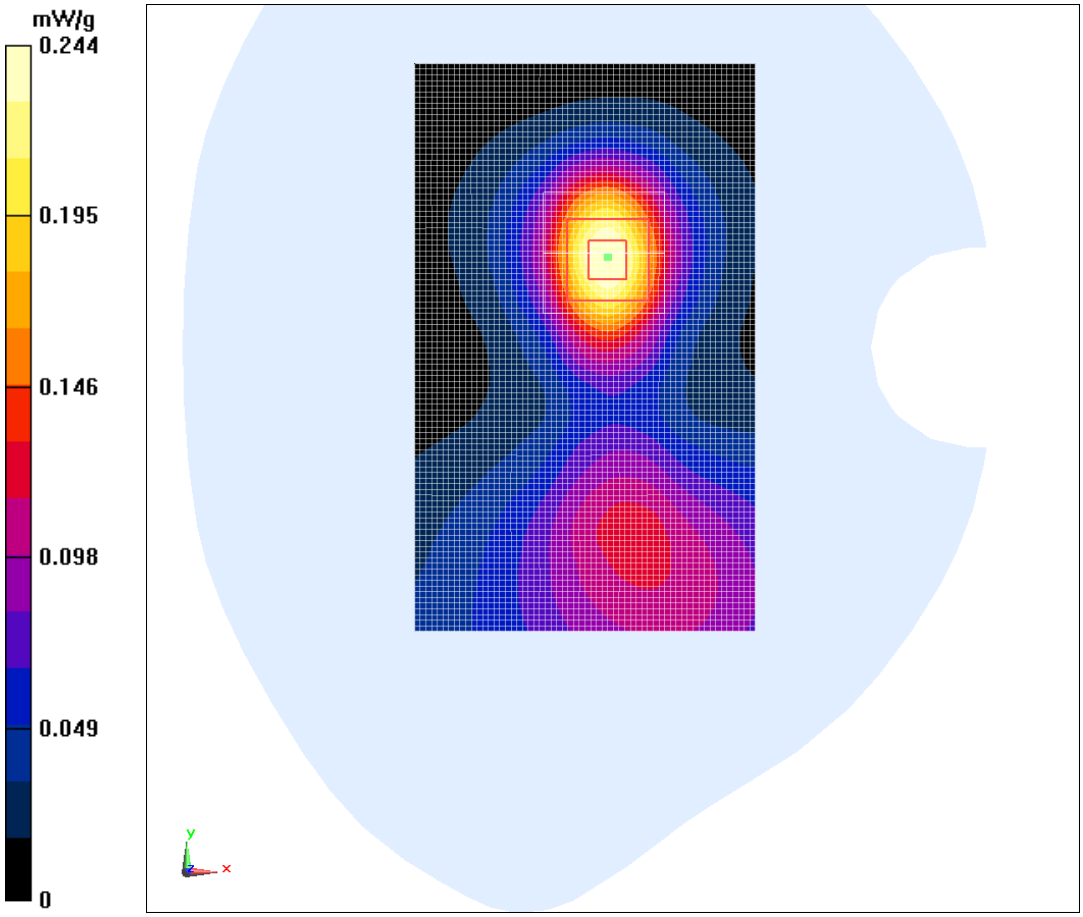


Fig. 67 1900 MHZ CH600

CDMA 1900 Body Right Side Low
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.454 mho/m; εr = 52.884; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Right Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Right Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.009 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.303 mW/g
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.124 mW/g
Maximum value of SAR (measured) = 0.219 mW/g
Right Side Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.009 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.233 mW/g
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.169 mW/g

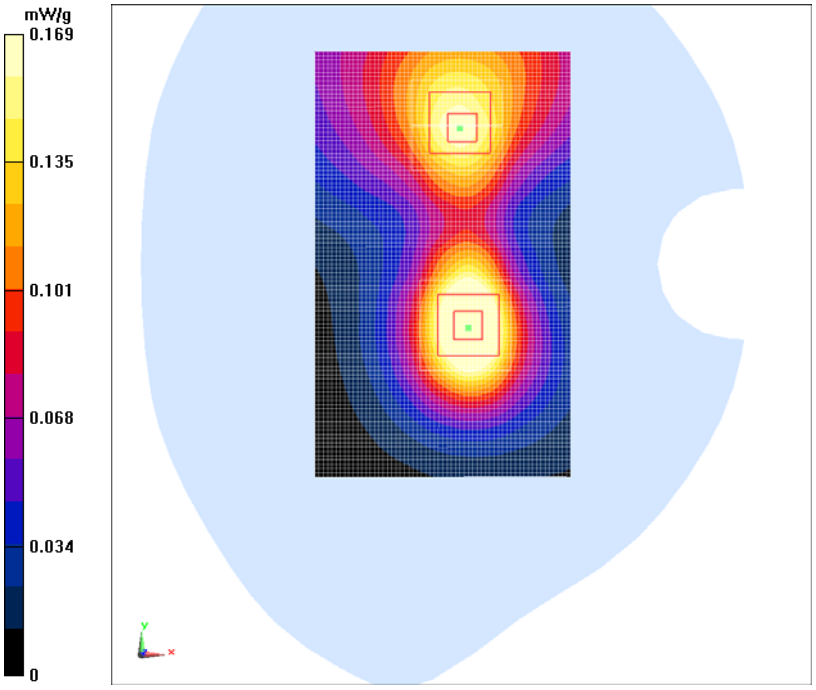


Fig. 68 1900 MHZ CH25

CDMA 1900 Body Bottom Side Middle

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.486 mho/m; εr = 52.753; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 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) = 0.602 mW/g

Bottom Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.814 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.865 mW/g
SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.620 mW/g

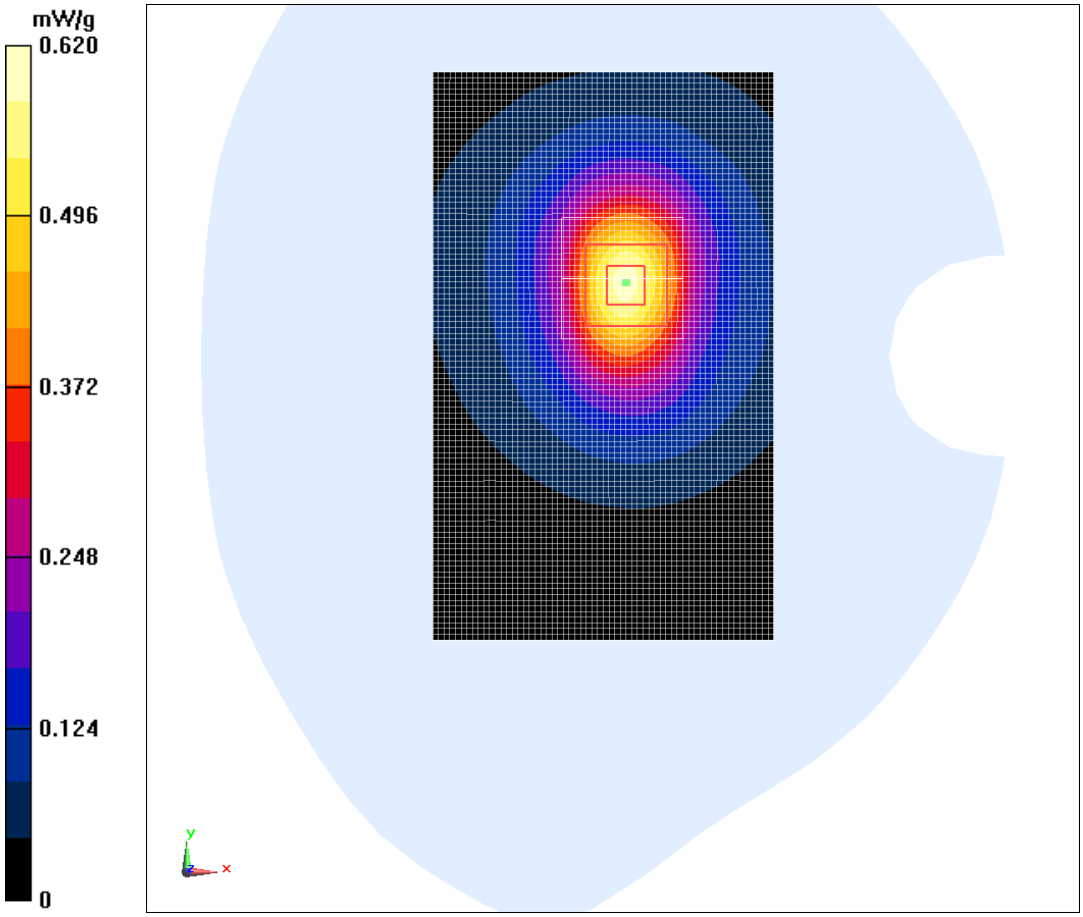


Fig. 69 1900 MHZ CH600

CDMA 1900 Body Bottom Side Low

Date: 2012-8-17

Electronics: DAE4 Sn771

Medium: Body 1900 MHz

Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.454 mho/m; εr = 52.884; ρ = 1000 kg/m^3

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

Communication System: CDMA 1900 Frequency: 1851.25 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) = 0.794 mW/g

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

Reference Value = 21.705 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.121 mW/g

SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.785 mW/g

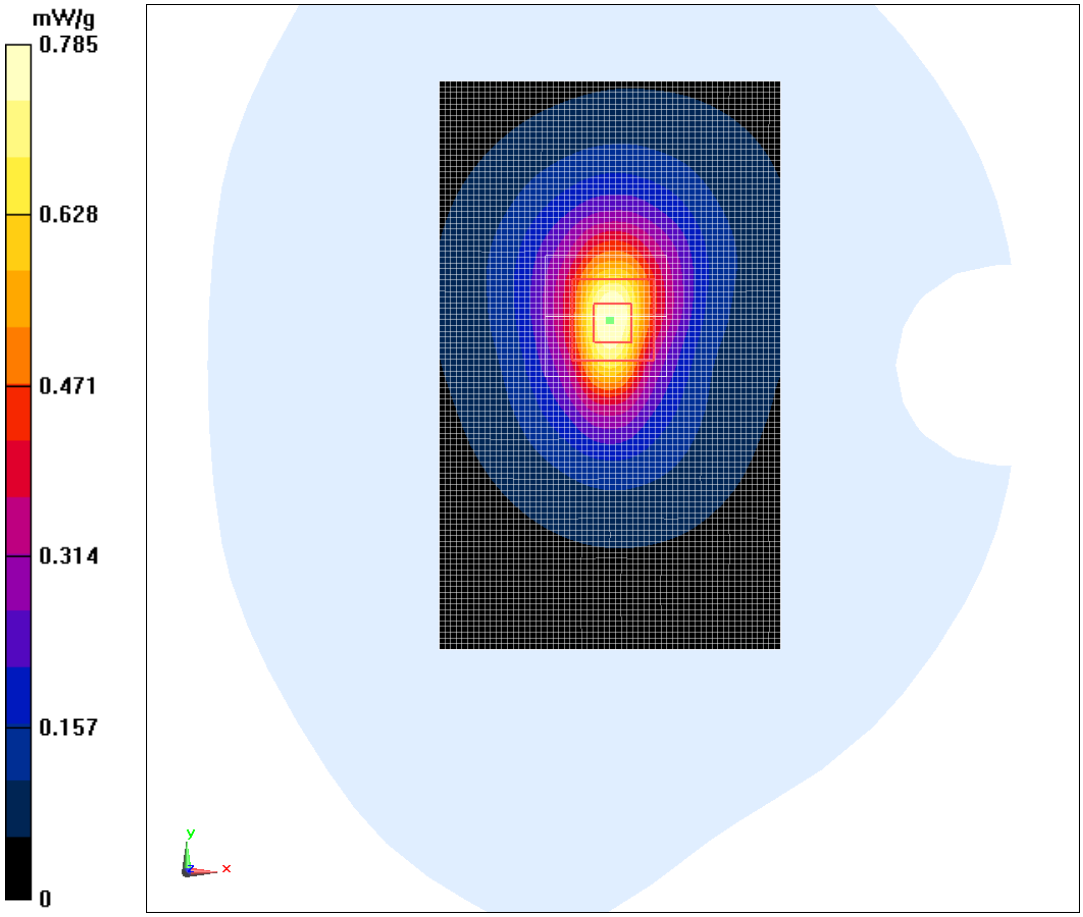


Fig. 70 1900 MHZ CH25

CDMA 1900 Body Towards Phantom Low with Headset CCB3001A14C1
Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1851.25 MHz; σ = 1.454 mho/m; εr = 52.884; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CDMA 1900 Frequency: 1851.25 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) = 1.20 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.854 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.699 mW/g
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.670 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

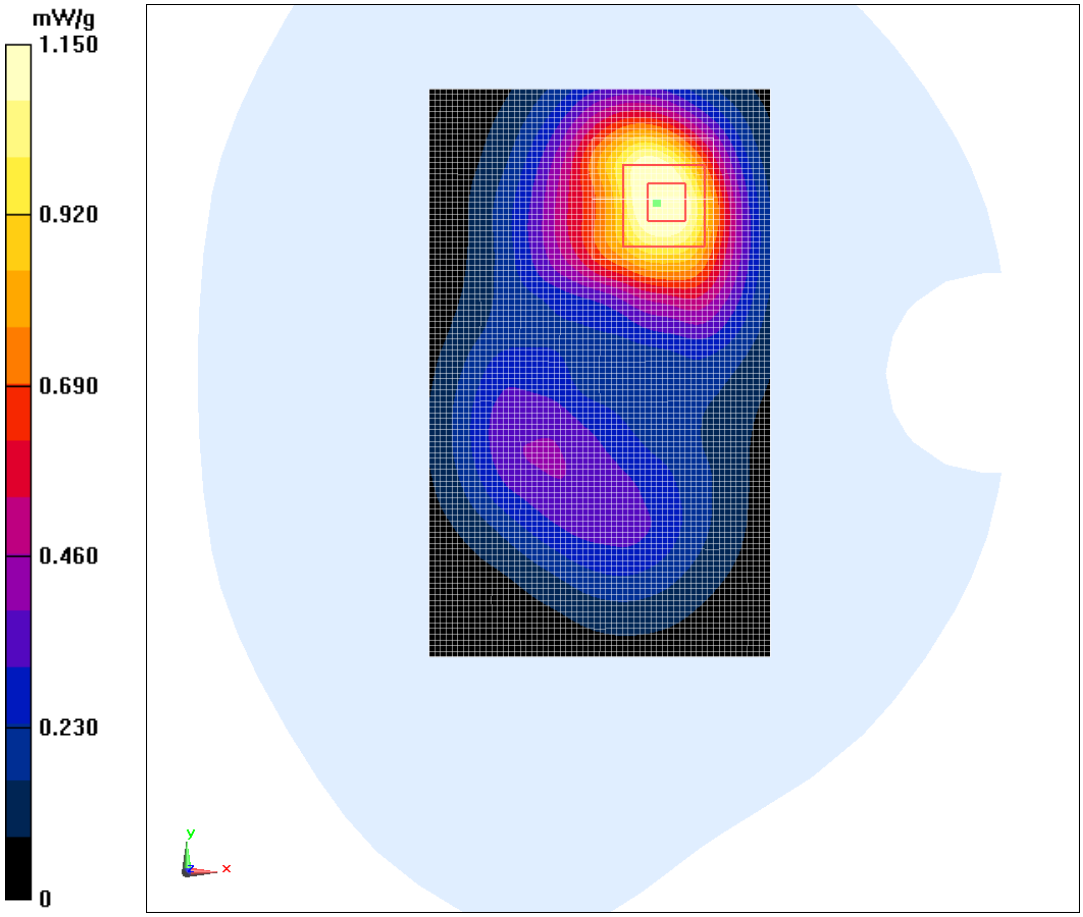


Fig. 71 1900 MHZ CH25

Wifi Left Cheek Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.82 mho/m; εr = 39.014; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.256 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.158 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.467 mW/g
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.246 mW/g

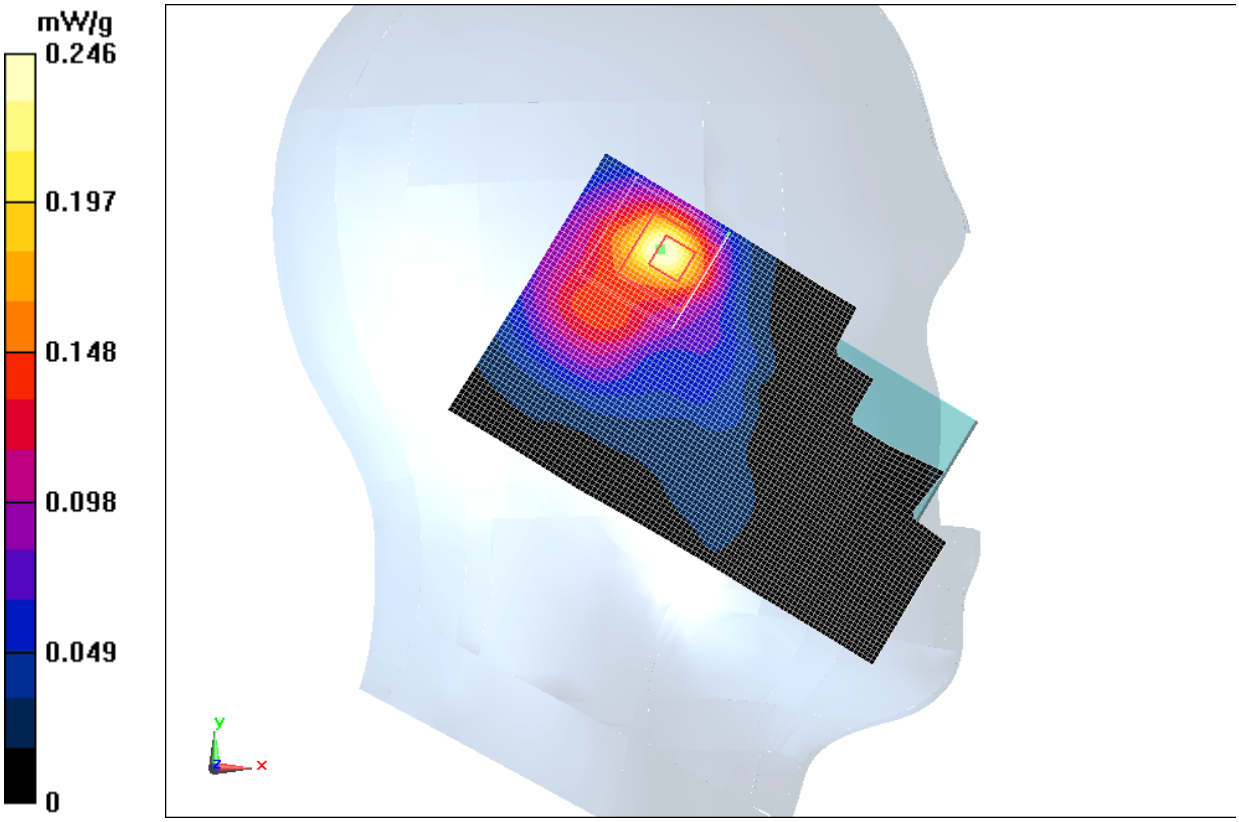


Fig. 72 2450 MHz CH6

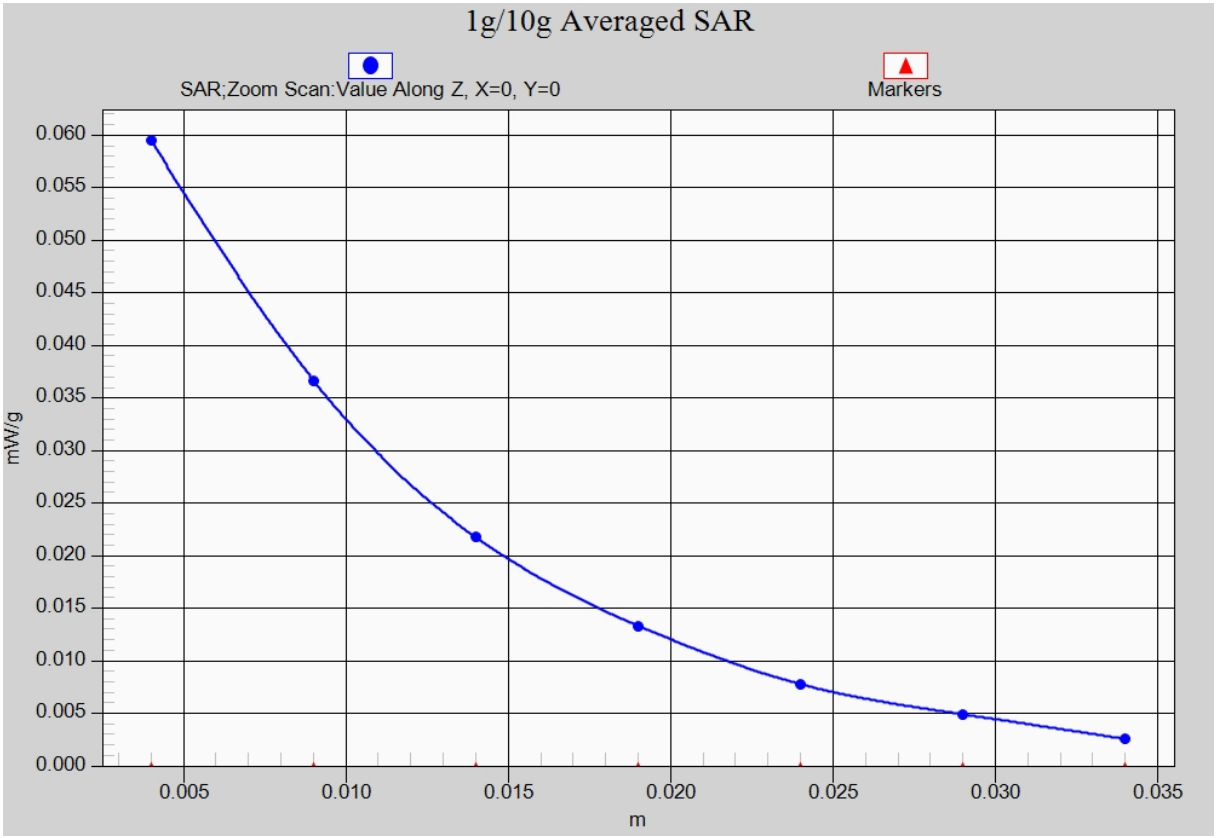


Fig. 72-1 Z-Scan at power reference point (2450 MHz CH6)

Wifi Left Tilt Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.82 mho/m; εr = 39.014; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.194 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.419 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.309 mW/g
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.191 mW/g
Tilt Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.419 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.294 mW/g
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.179 mW/g

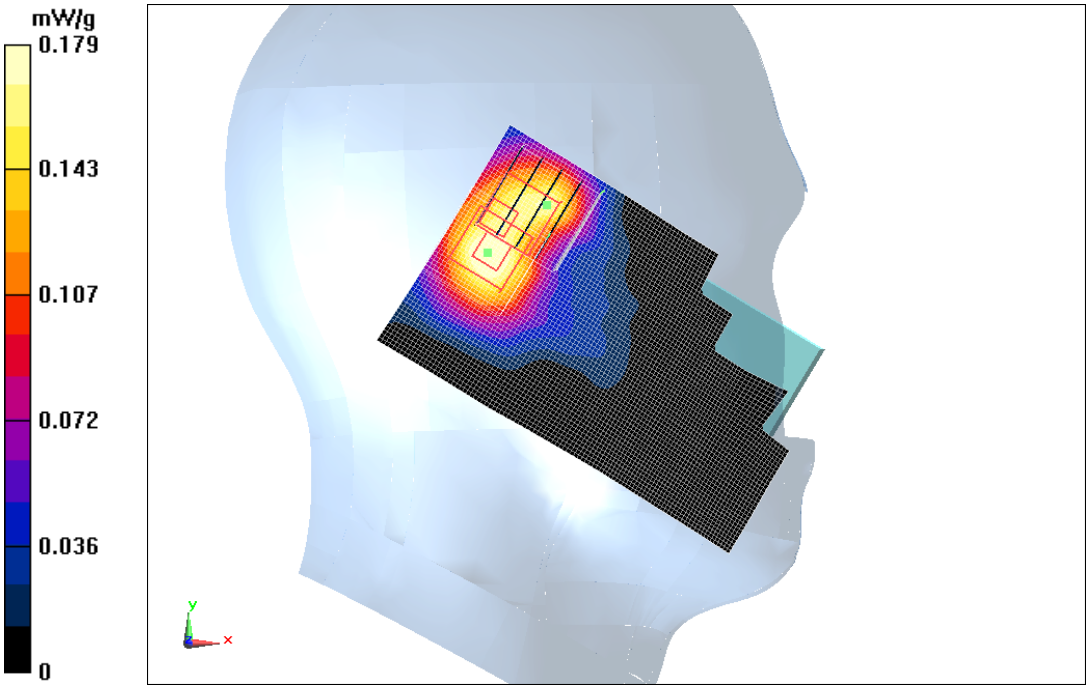


Fig. 73 2450 MHz CH6

Wifi Right Cheek Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.82 mho/m; εr = 39.014; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

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

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.063 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.337 mW/g
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.207 mW/g

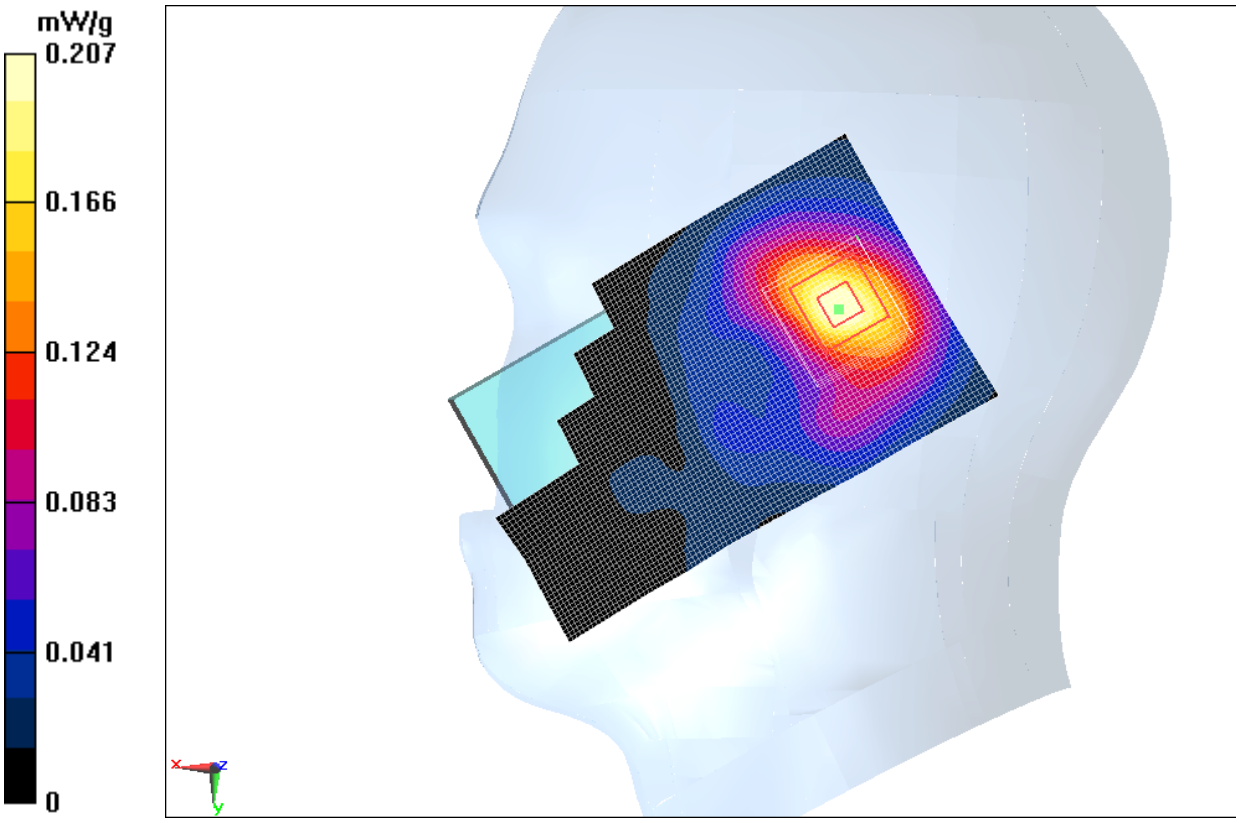


Fig. 74 2450 MHz CH6

Wifi Right Tilt Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.82 mho/m; εr = 39.014; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.232 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.028 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.382 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.227 mW/g

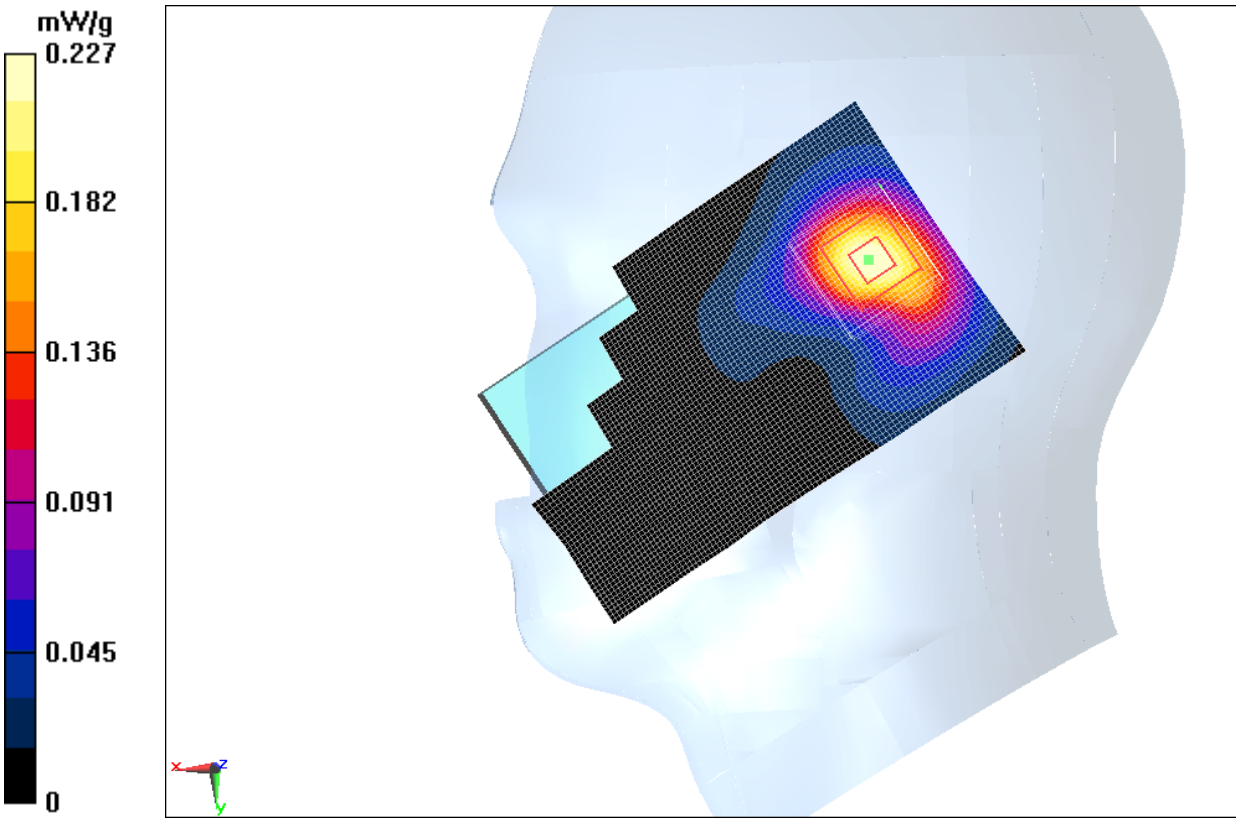


Fig. 75 2450 MHz CH6

Wifi Body Toward Phantom Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.865 mho/m; εr = 52.215; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0790 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.938 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.126 mW/g
SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.0758 mW/g

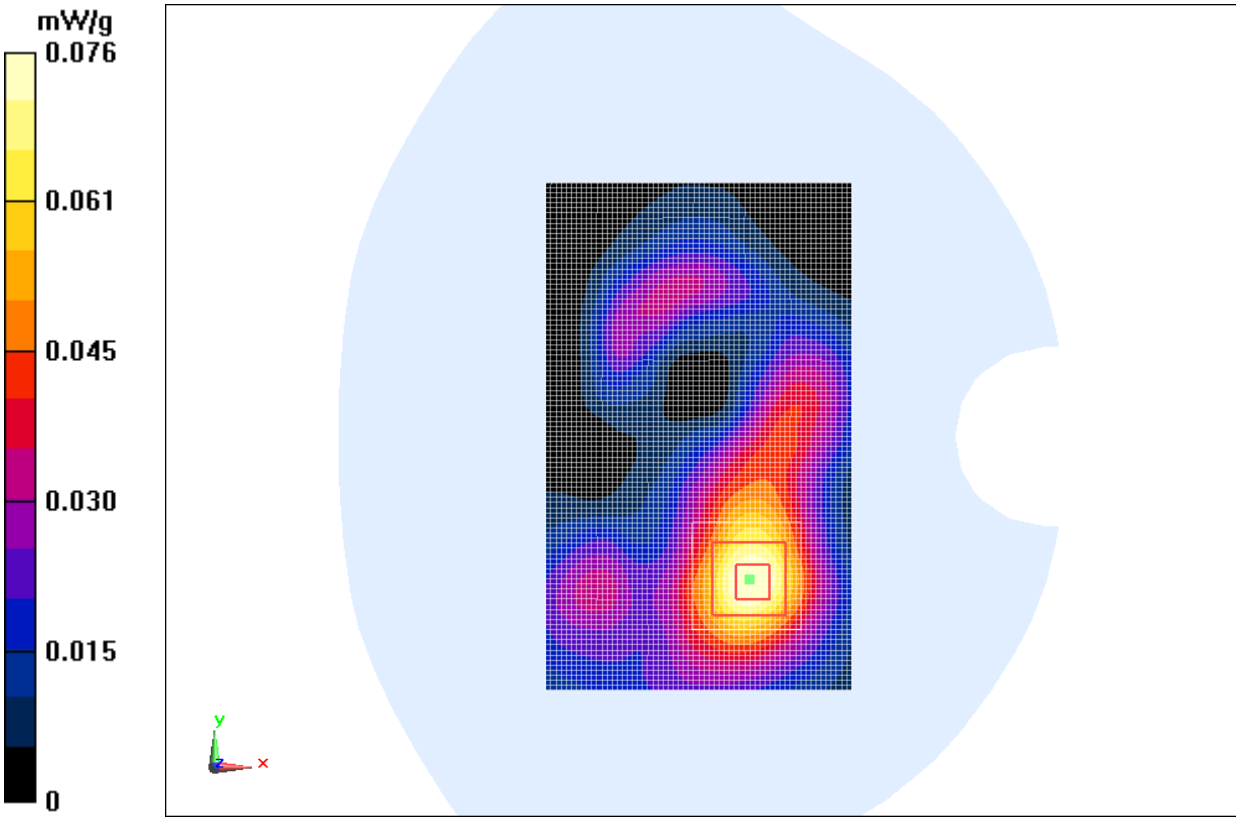


Fig. 76 2450 MHz CH6

Wifi Body Toward Ground Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.865 mho/m; εr = 52.215; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Toward Ground Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.661 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.336 mW/g
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.197 mW/g
Toward Ground Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.661 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.261 mW/g
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.152 mW/g

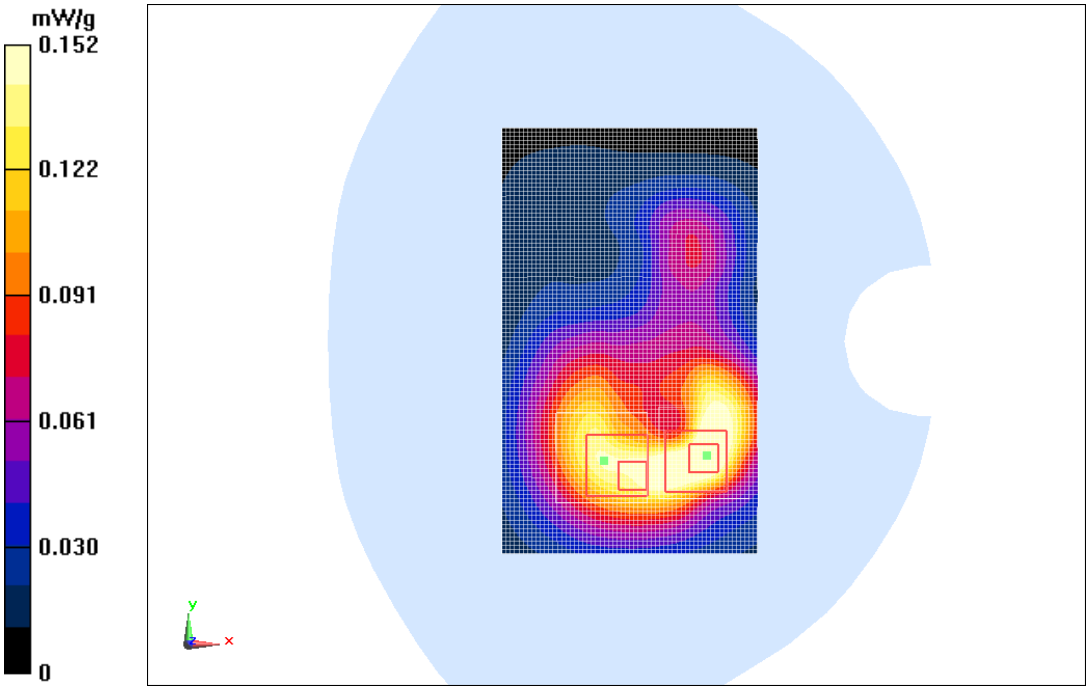


Fig. 77 2450 MHz CH6

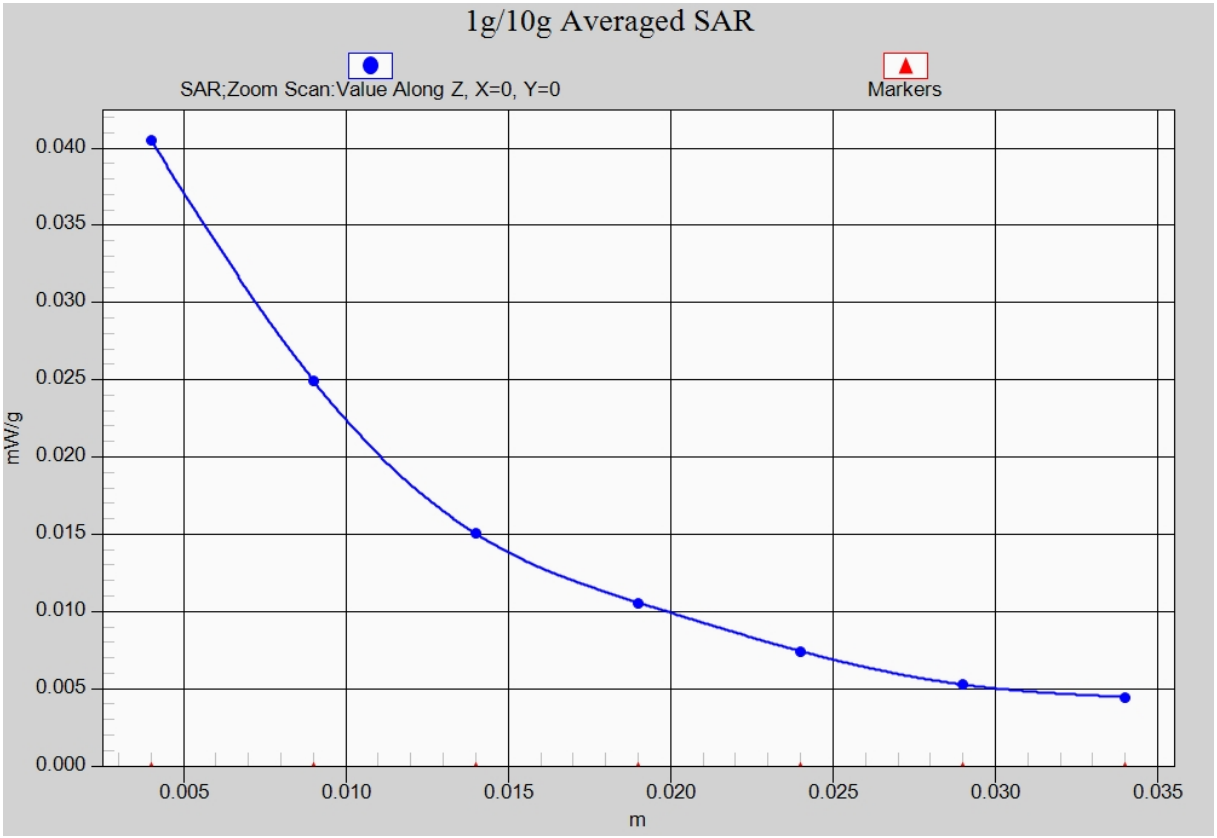


Fig. 77-1 Z-Scan at power reference point (2450 MHz CH6)

Wifi Body Right Side Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.865 mho/m; εr = 52.215; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2412 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Right Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.144 mW/g

Right Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.700 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.142 mW/g

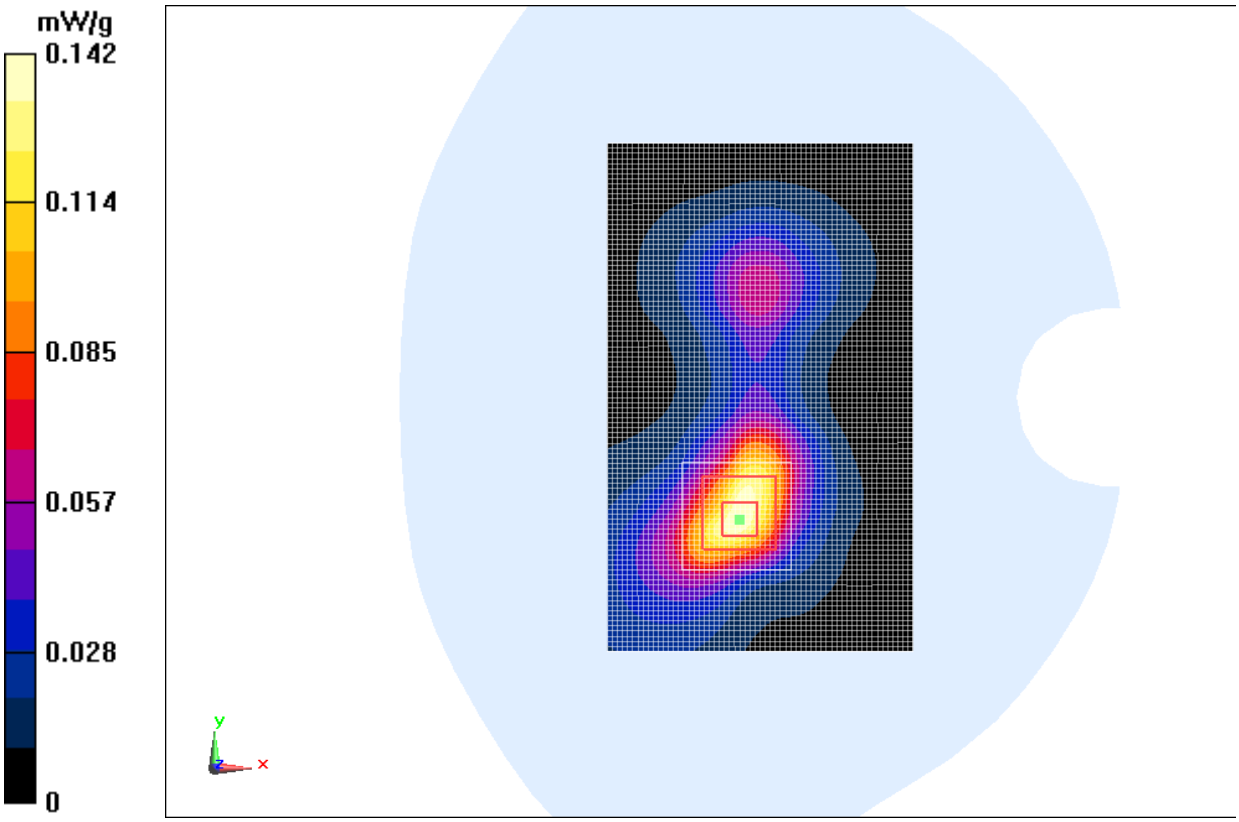


Fig. 78 2450 MHz CH6

Wifi Body Top Side Middle
Date: 2012-8-14
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.865 mho/m; εr = 52.215; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 21.9°C
Communication System: WLan 2450 Frequency: 2437 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Top Side Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Top Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.042 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.271 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.164 mW/g

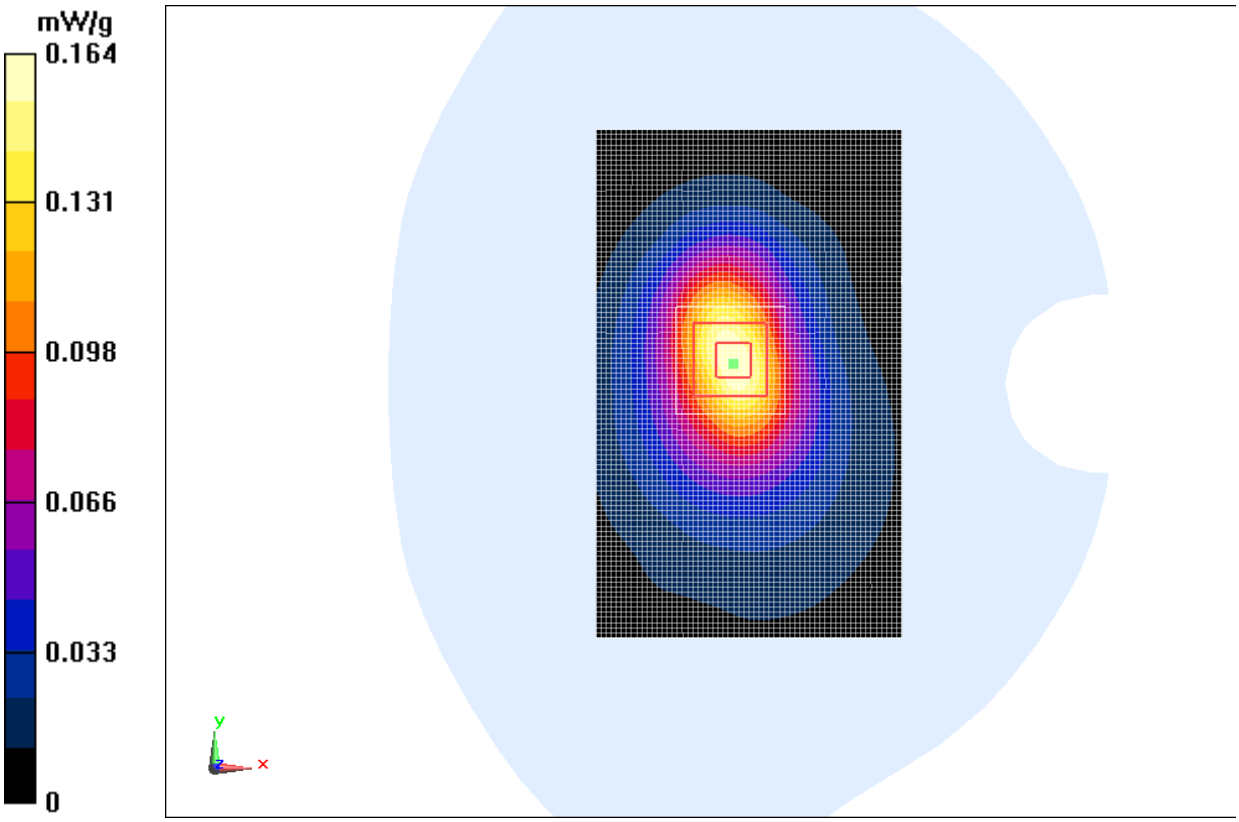


Fig. 79 2450 MHz CH6

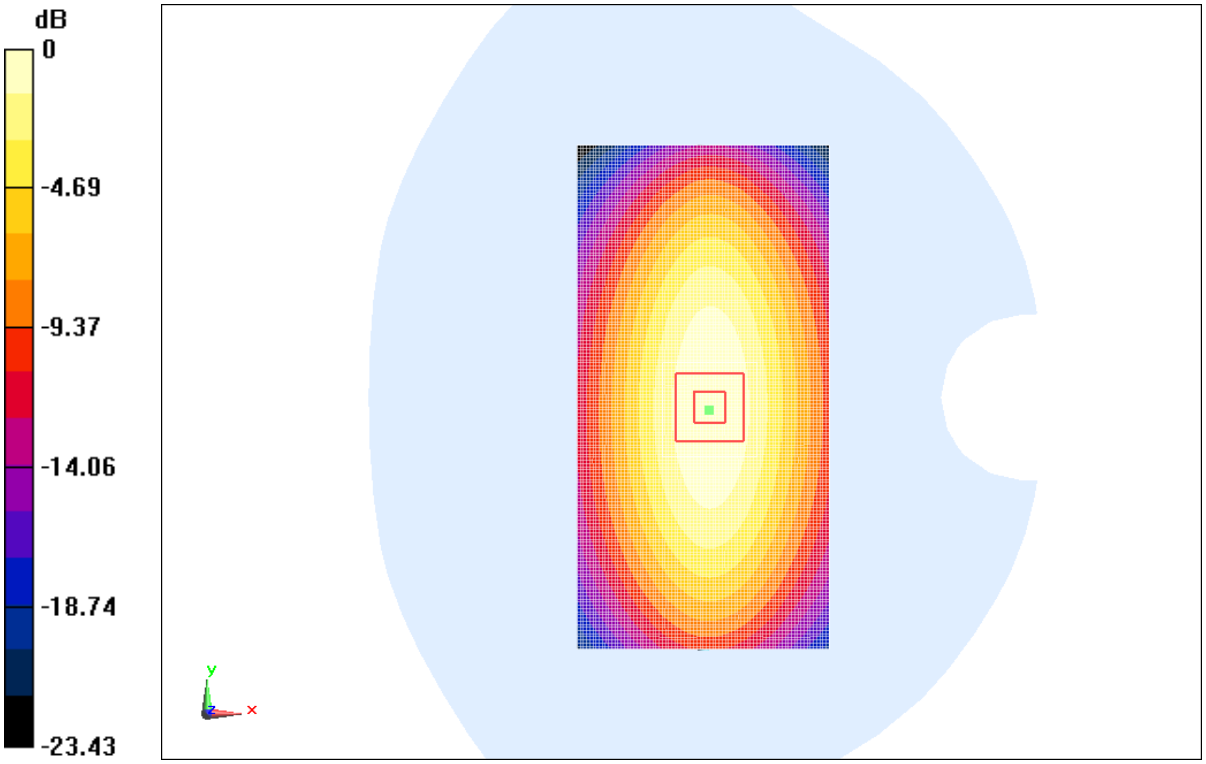
ANNEX B SYSTEM VALIDATION RESULTS

835MHz

Date: 2012-8-15
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used: f = 835 MHz; σ = 0.924 mho/m; ε_r = 41.91; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.26, 6.26, 6.26)

System Validation /Area Scan (81x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.56 mW/g

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.967 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 3.521 W/kg
SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (measured) = 2.57 mW/g



0 dB = 2.56 mW/g = 8.16 dB mW/g

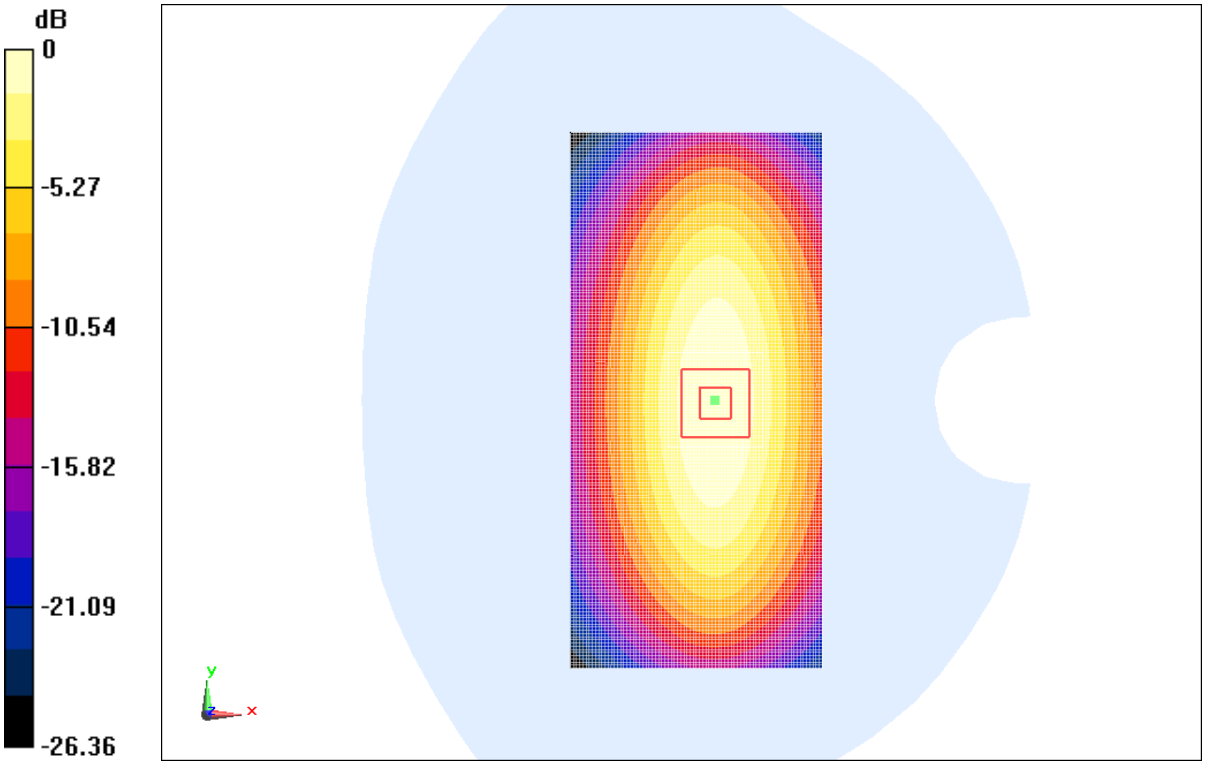
Fig.80 validation 835MHz 250mW

835MHz

Date: 2012-8-15
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used: f = 835 MHz; σ = 1 mho/m; ε_r = 56.82; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: CW Frequency: 835 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

System Validation /Area Scan (81x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.58 mW/g

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 46.935 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.570 W/kg
SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (measured) = 2.58 mW/g



0 dB = 2.58 mW/g = 8.23 dB mW/g

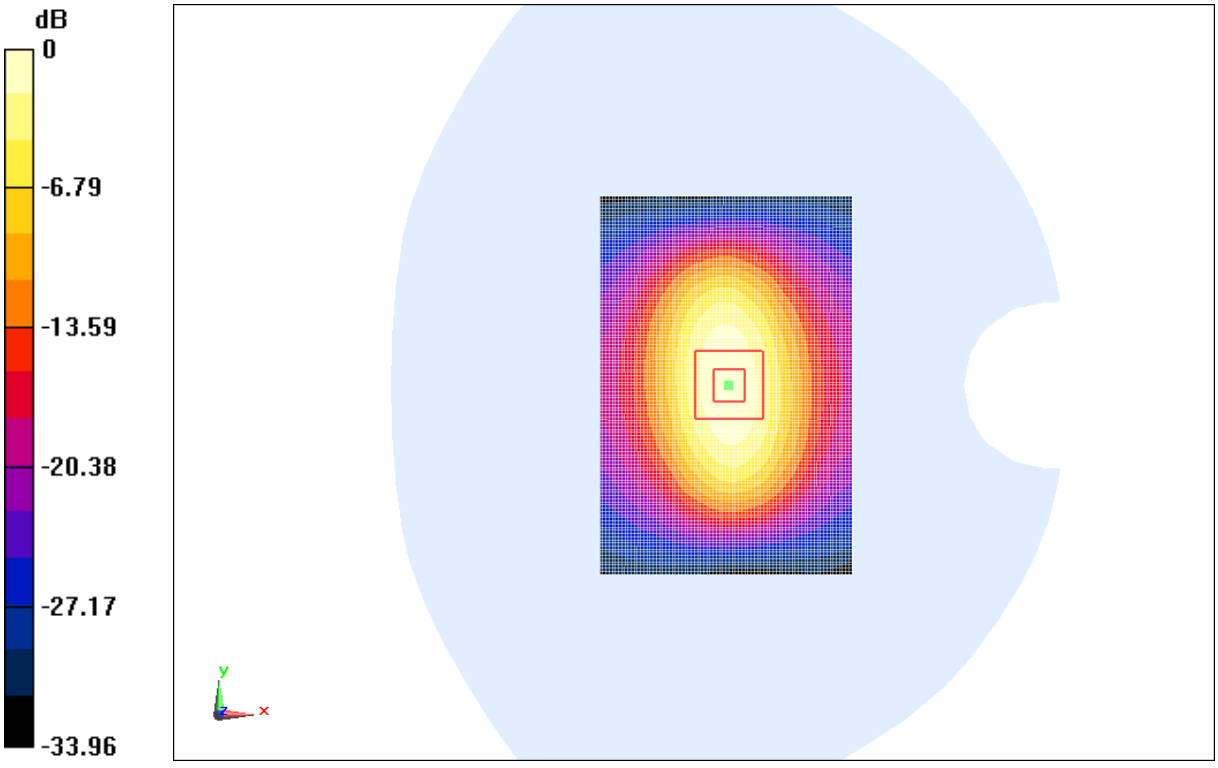
Fig.81 validation 835MHz 250mW

1750MHz

Date: 2012-8-16
Electronics: DAE4 Sn771
Medium: Head 1750 MHz
Medium parameters used: f=1750 MHz; σ = 1.357 mho/m; εr = 39.64; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: CW Frequency: 1750 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.23, 5.23, 5.23)

System Validation/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.3 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.402 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 16.126 W/kg
SAR(1 g) = 9.10 mW/g; SAR(10 g) = 4.89 mW/g
Maximum value of SAR (measured) = 10.3 mW/g



0 dB = 10.3 mW/g = 20.26 dB mW/g

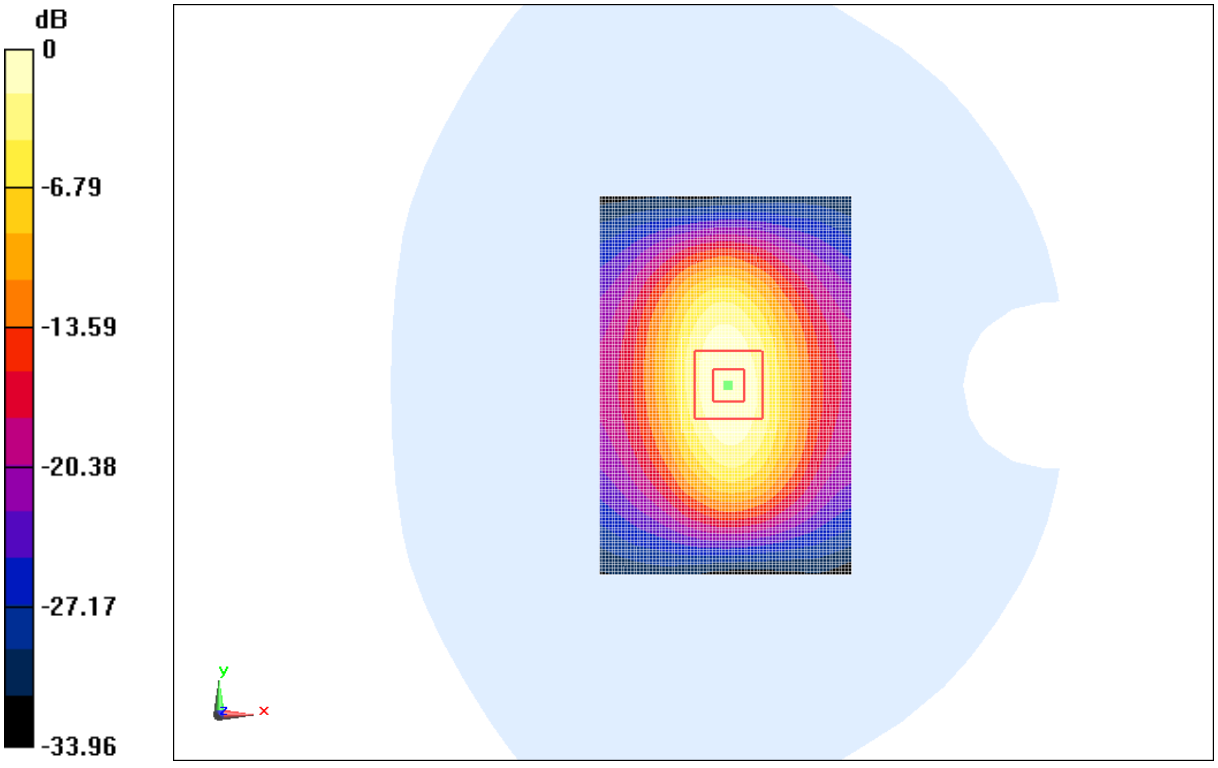
Fig.82 validation 1750MHz 250mW

1750MHz

Date: 2012-8-16
Electronics: DAE4 Sn771
Medium: Body 1750 MHz
Medium parameters used: f=1750 MHz; σ = 1.525 mho/m; εr = 53.97; ρ = 1000 kg/m^3
Ambient Temperature: 22.5°C Liquid Temperature: 22.0°C
Communication System: CW Frequency: 1750 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.84, 4.84, 4.84)

System Validation/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 10.2 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.755 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 14.616 W/kg
SAR(1 g) = 8.94 mW/g; SAR(10 g) = 4.92 mW/g
Maximum value of SAR (measured) = 10.2 mW/g



0 dB = 10.2 mW/g = 20.14 dB mW/g

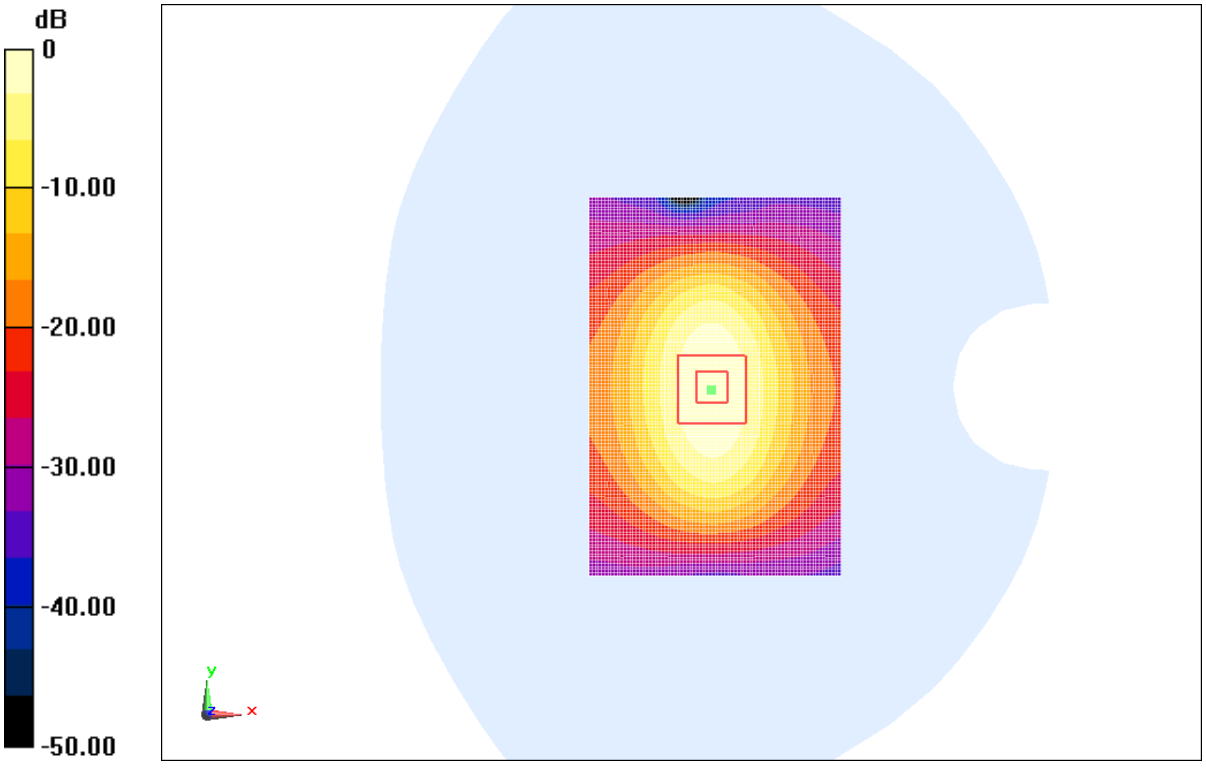
Fig.83 validation 1750MHz 250mW

1900MHz

Date: 2012-8-17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.45 mho/m; ε_r = 40.89; ρ = 1000 kg/m^3
Ambient Temperature: 22.6°C Liquid Temperature: 22.1°C
Communication System: CW Frequency: 1900 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.19, 5.19, 5.19)

System Validation/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 11.0 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.590 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.561 W/kg
SAR(1 g) = 9.69 mW/g; SAR(10 g) = 5.08 mW/g
Maximum value of SAR (measured) = 11.0 mW/g



0 dB = 11.0 mW/g = 20.83 dB mW/g

Fig.84 validation 1900MHz 250mW