1900 Left Cheek High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.4 mho/m; εr = 40.696; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
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) = 0.460 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.676 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.628 mW/g
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.461 mW/g
Cheek High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.676 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.602 mW/g
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.441 mW/g

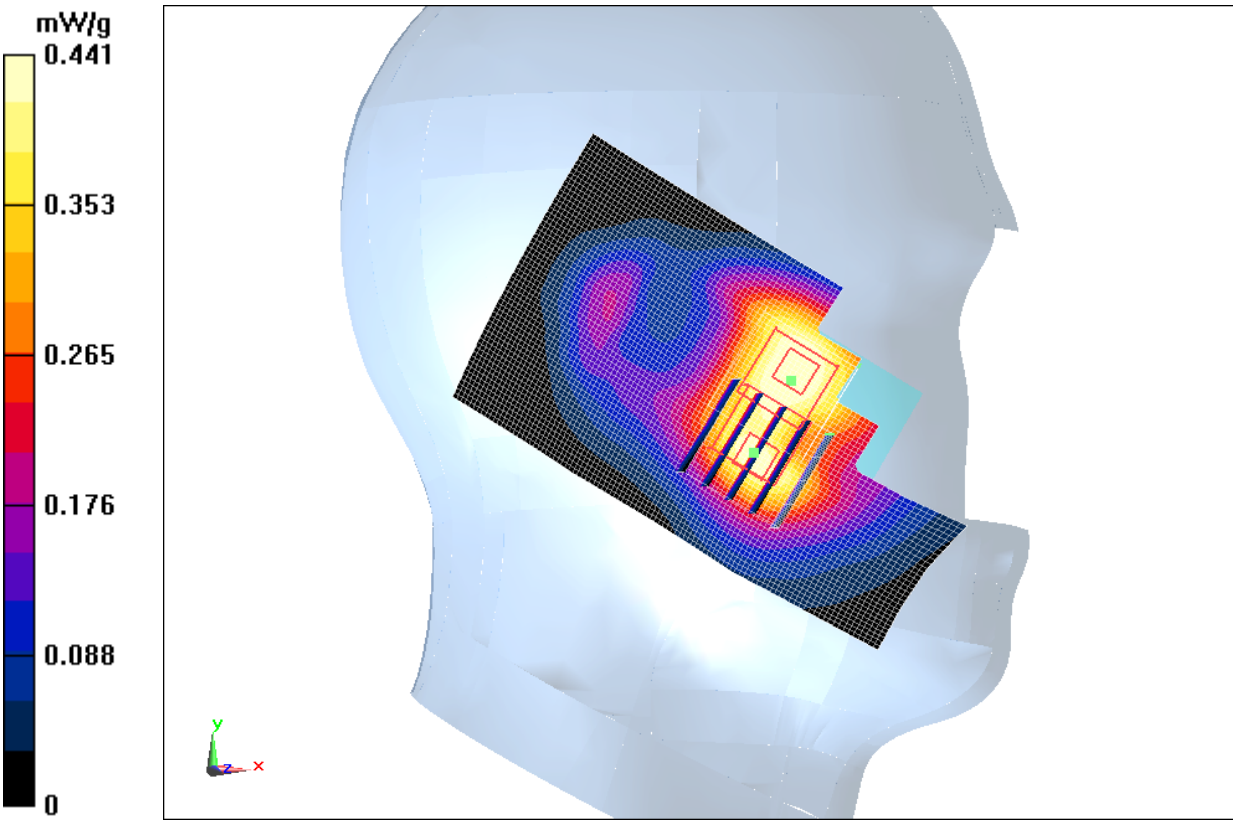


Fig. 24 1900 MHz CH810

1900 Left Cheek Middle
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head GSM1900
Medium parameters used: f = 1880 MHz; σ = 1.372 mho/m; εr = 40.808; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.474 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.857 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.655 mW/g
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.476 mW/g
Cheek Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.857 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.634 mW/g
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.285 mW/g
Maximum value of SAR (measured) = 0.460 mW/g

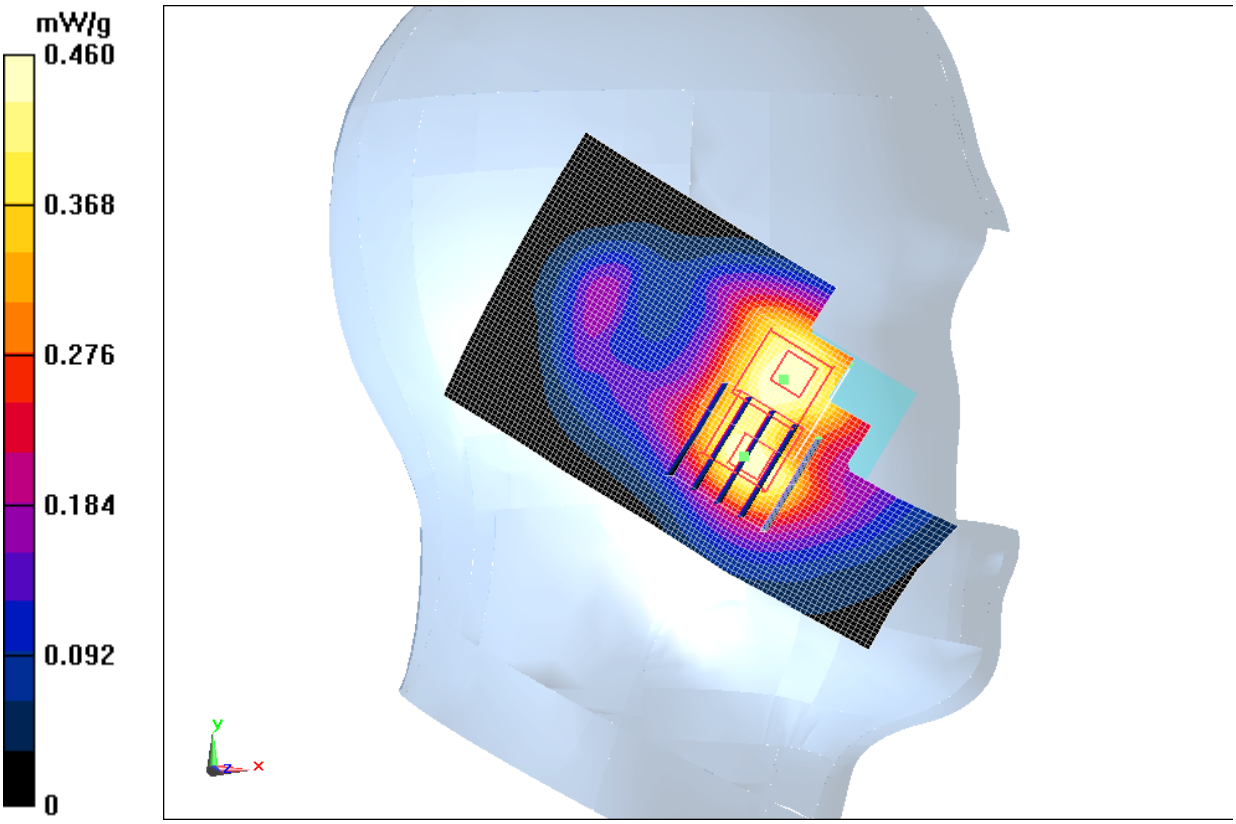


Fig. 25 1900 MHz CH661

1900 Left Cheek Low
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.342 mho/m; εr = 40.901; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
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) = 0.485 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.384 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.678 mW/g
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.491 mW/g
Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.384 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.620 mW/g
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.455 mW/g

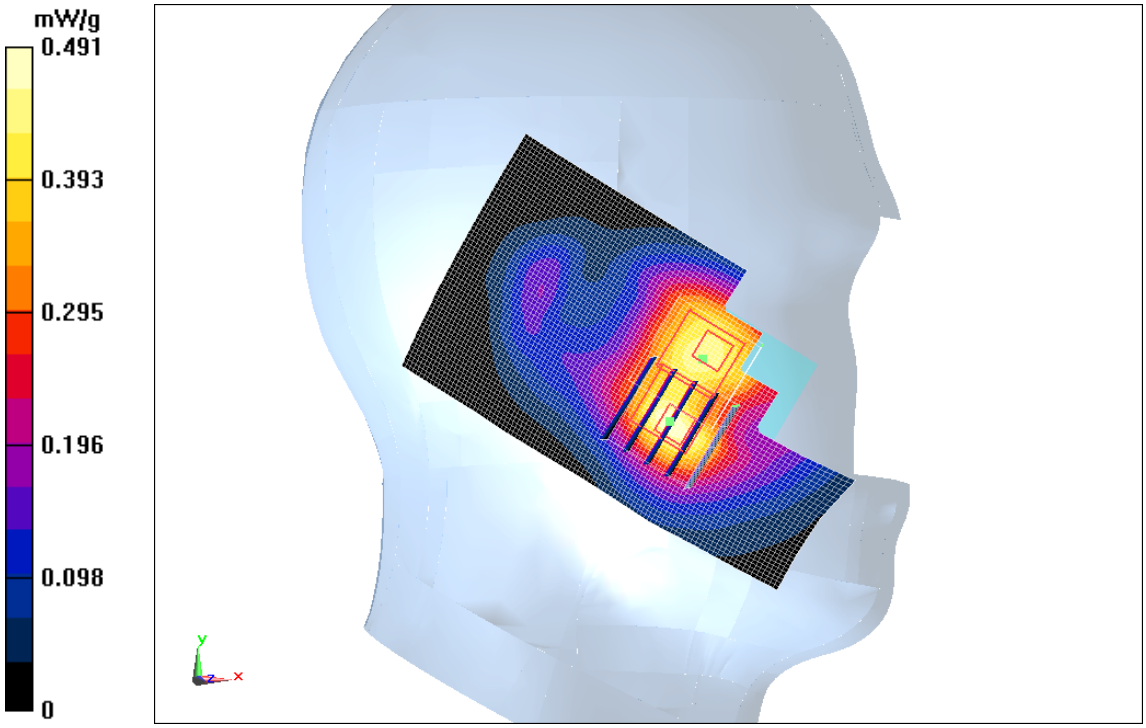


Fig. 26 1900 MHz CH512

1900 Left Tilt High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.4 mho/m; εr = 40.696; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
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) = 0.309 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.992 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.413 mW/g
SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.276 mW/g

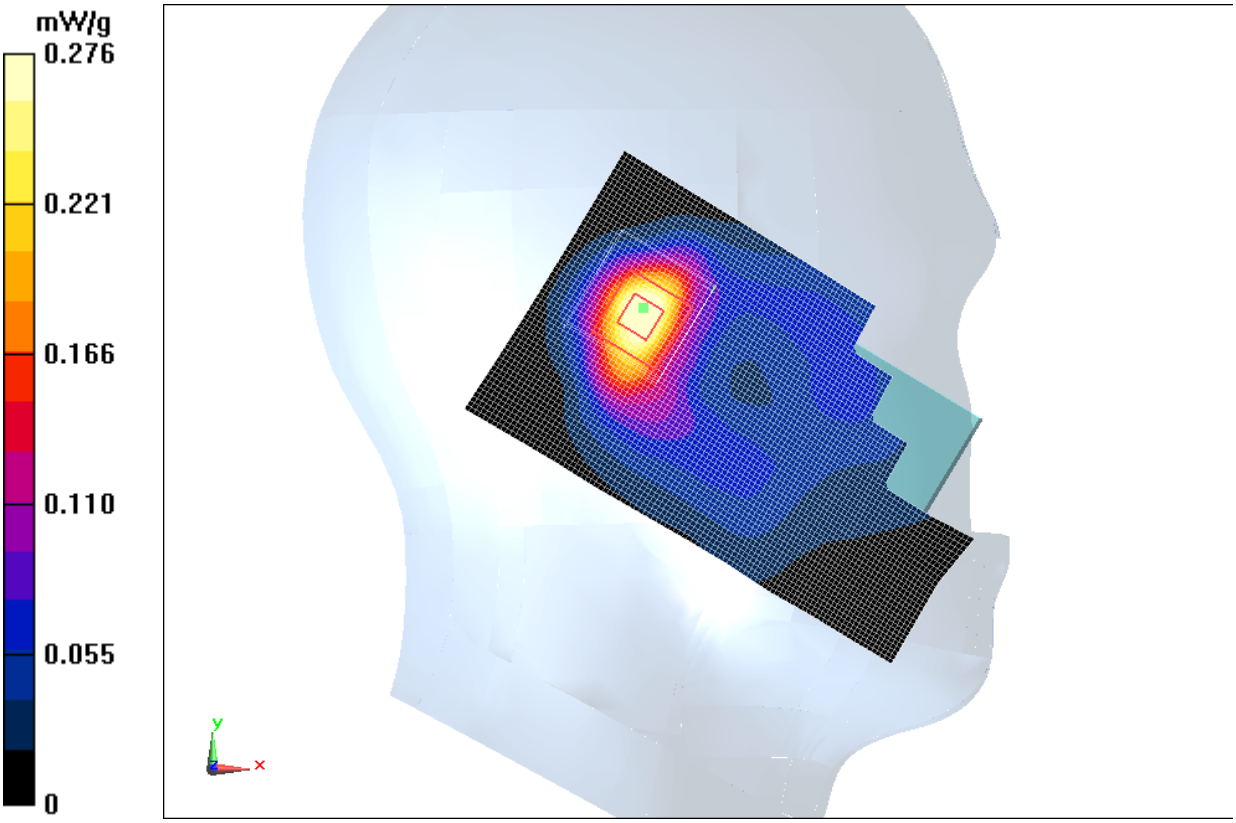


Fig. 27 1900 MHz CH810

1900 Left Tilt Middle
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.372 mho/m; εr = 40.808; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.353 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.157 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.483 mW/g
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.324 mW/g

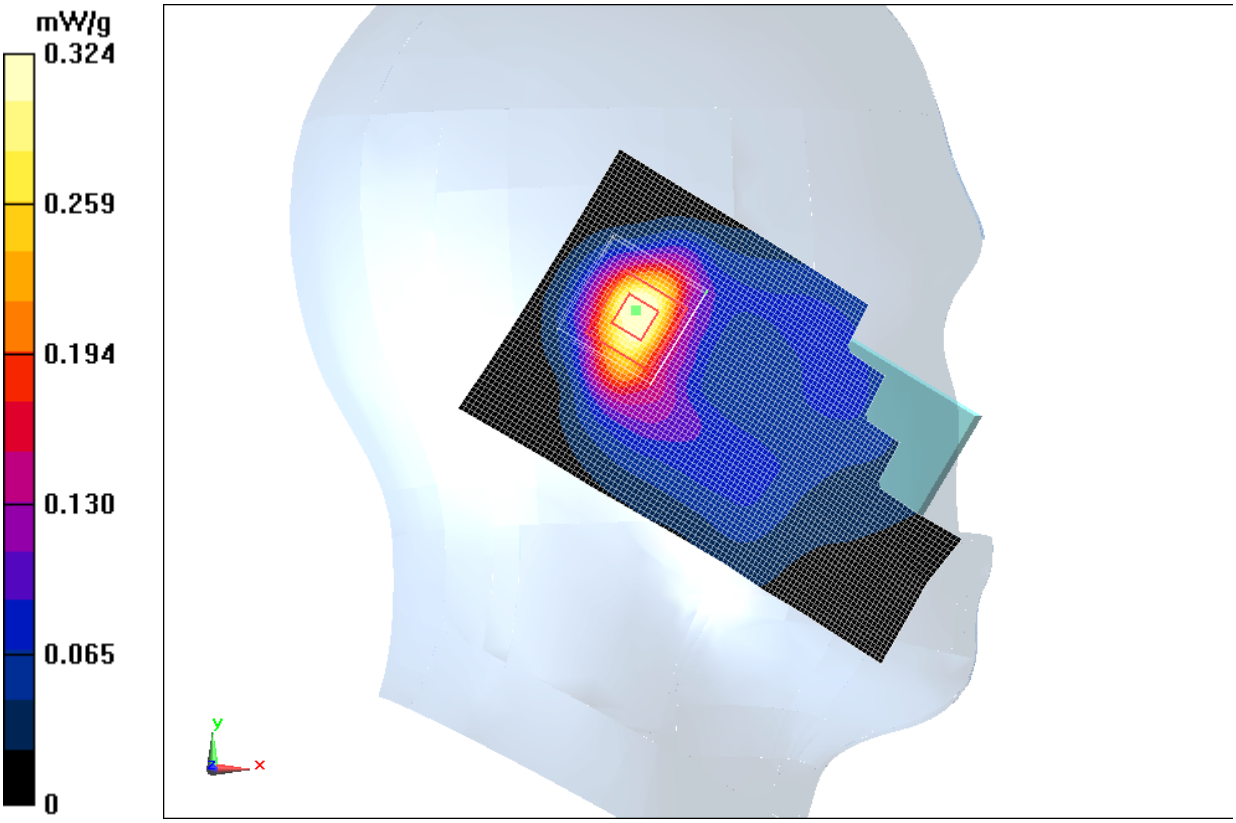


Fig. 28 1900 MHz CH661

1900 Left Tilt Low
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.342 mho/m; εr = 40.901; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
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) = 0.323 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.661 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.438 mW/g
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.303 mW/g

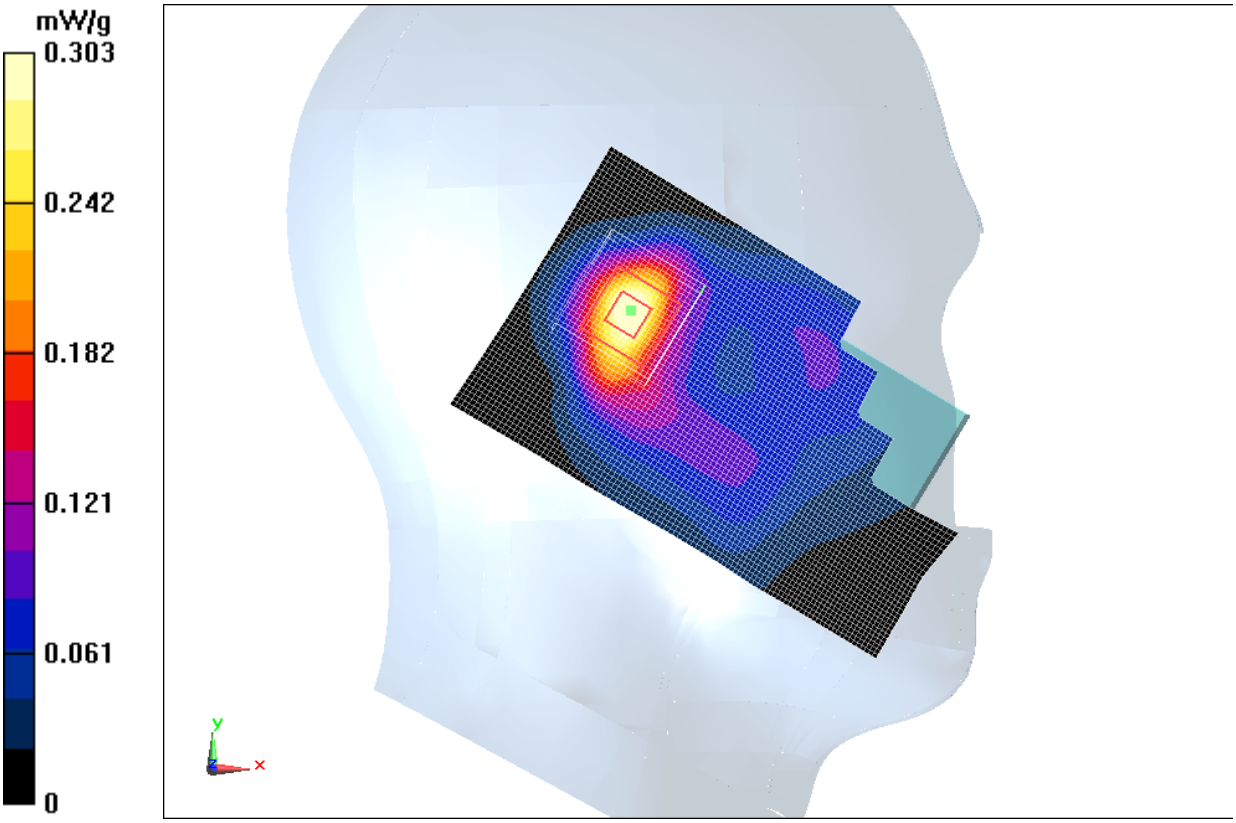


Fig. 29 1900 MHz CH512

1900 Right Cheek High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.4 mho/m; εr = 40.696; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
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) = 0.713 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.325 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.912 mW/g
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 0.671 mW/g

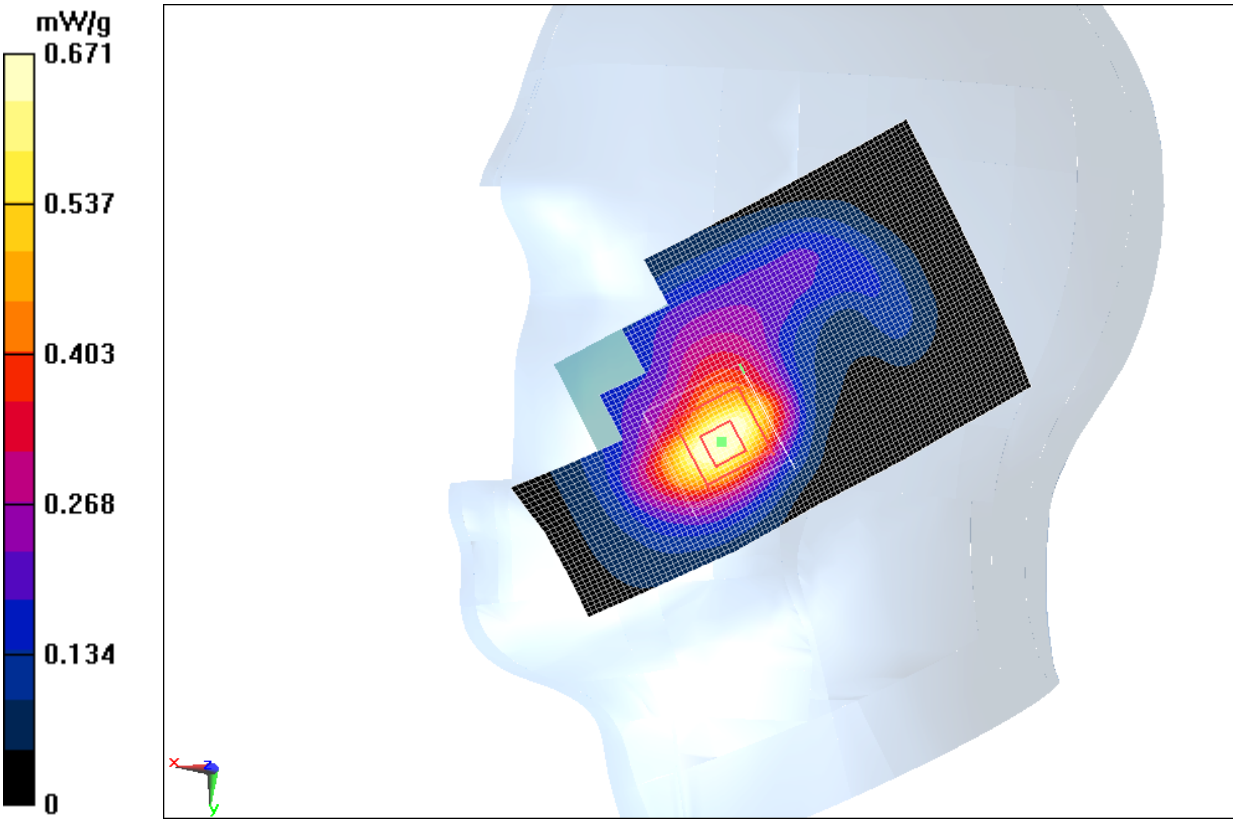


Fig. 30 1900 MHz CH810

1900 Right Cheek Middle
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.372 mho/m; εr = 40.808; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.862 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.812 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.137 mW/g
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.452 mW/g
Maximum value of SAR (measured) = 0.829 mW/g

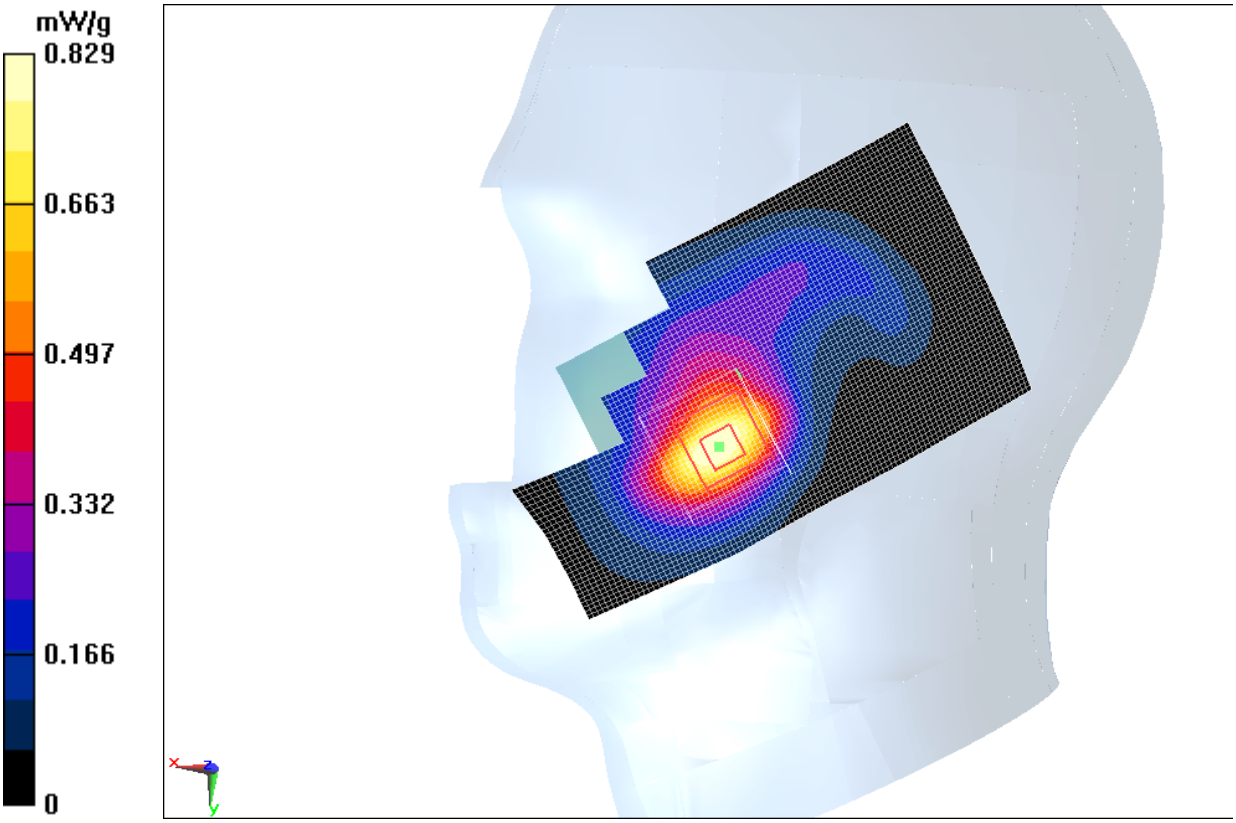


Fig. 31 1900 MHz CH661

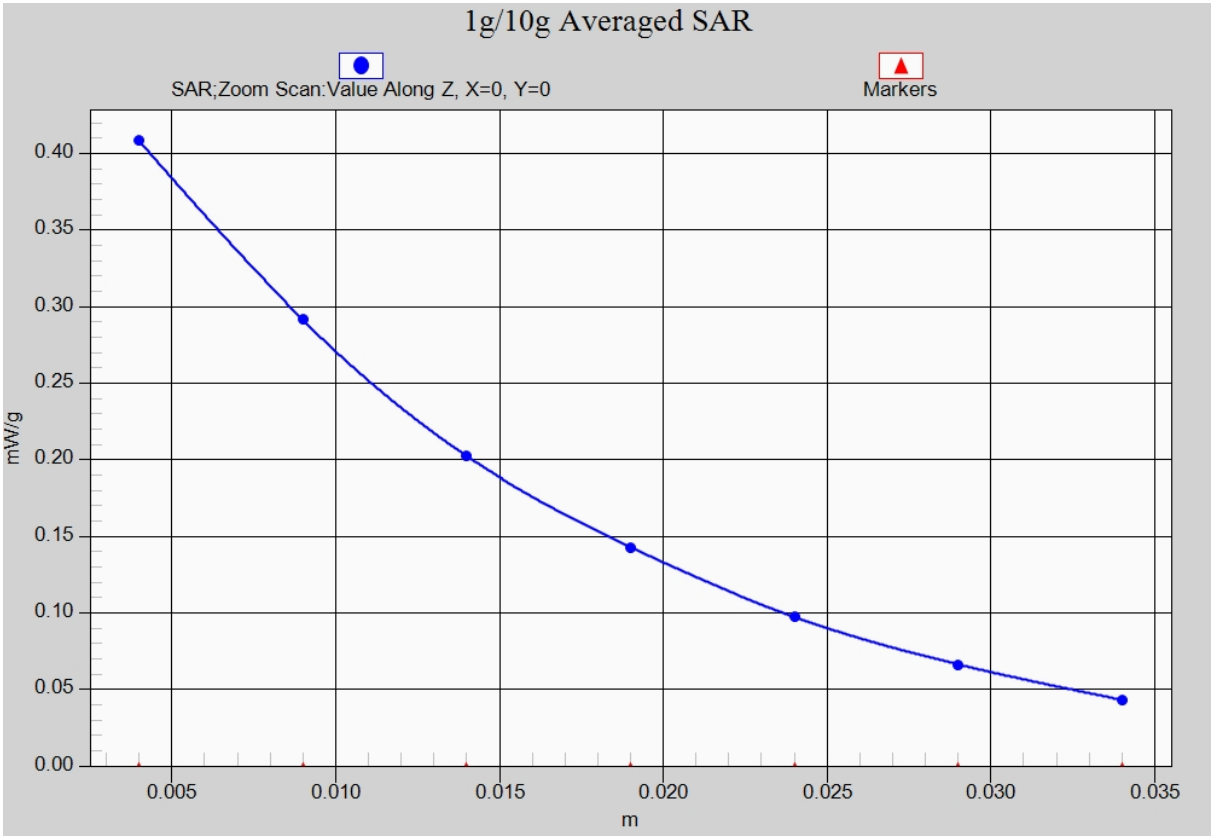


Fig. 31-1 Z-Scan at power reference point (1900 MHz CH661)

1900 Right Cheek Low
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.342 mho/m; εr = 40.901; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
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) = 0.825 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.166 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.075 mW/g
SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.792 mW/g

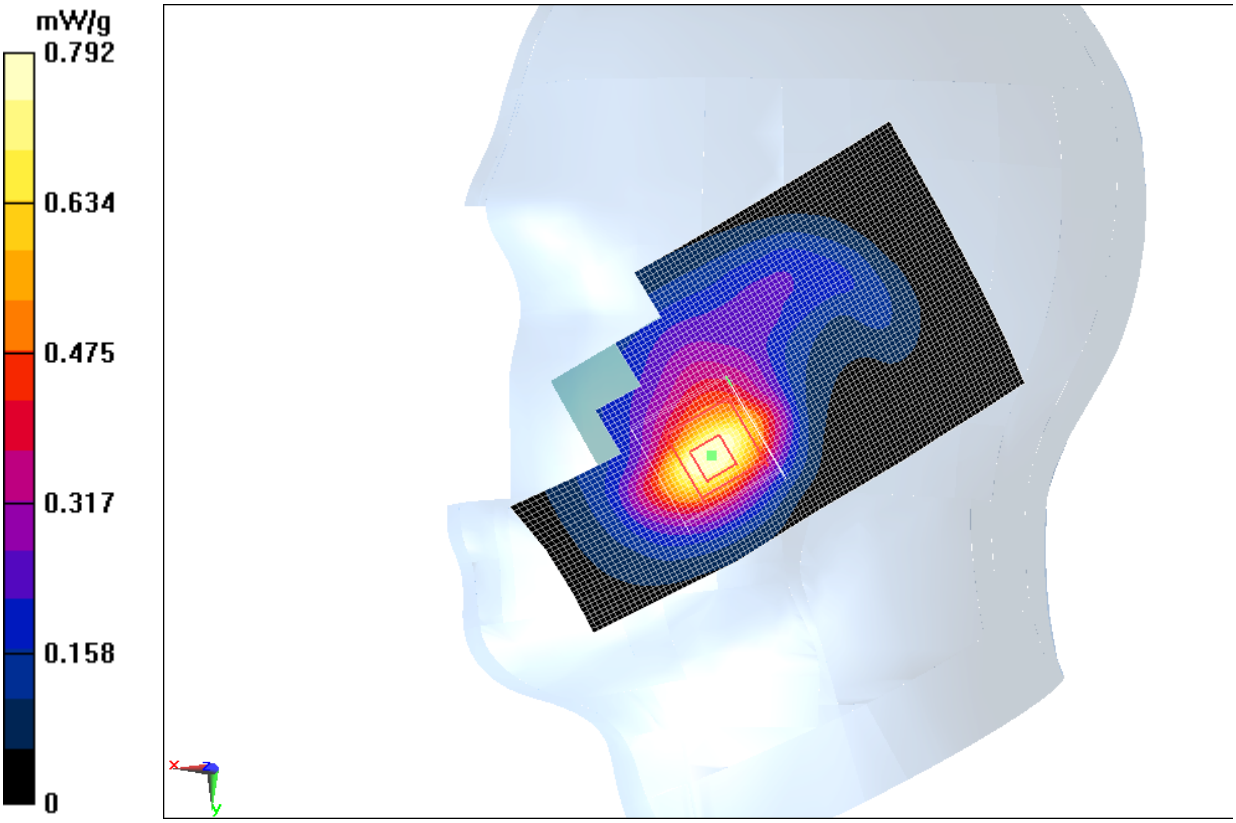


Fig. 32 1900 MHz CH512

1900 Right Tilt High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.4 mho/m; εr = 40.696; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
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) = 0.265 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.921 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.360 mW/g
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

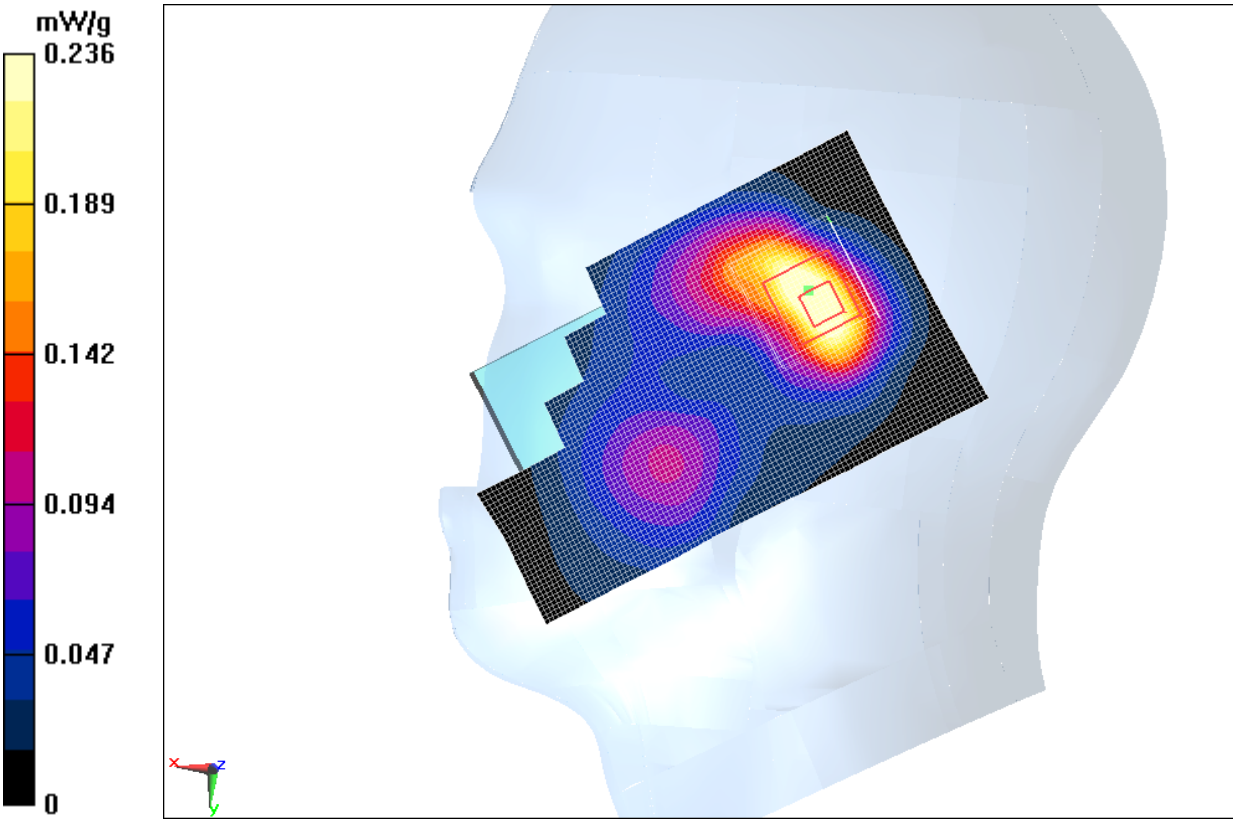


Fig. 33 1900 MHz CH810

1900 Right Tilt Middle
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.372 mho/m; εr = 40.808; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.292 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.622 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.394 mW/g
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.256 mW/g

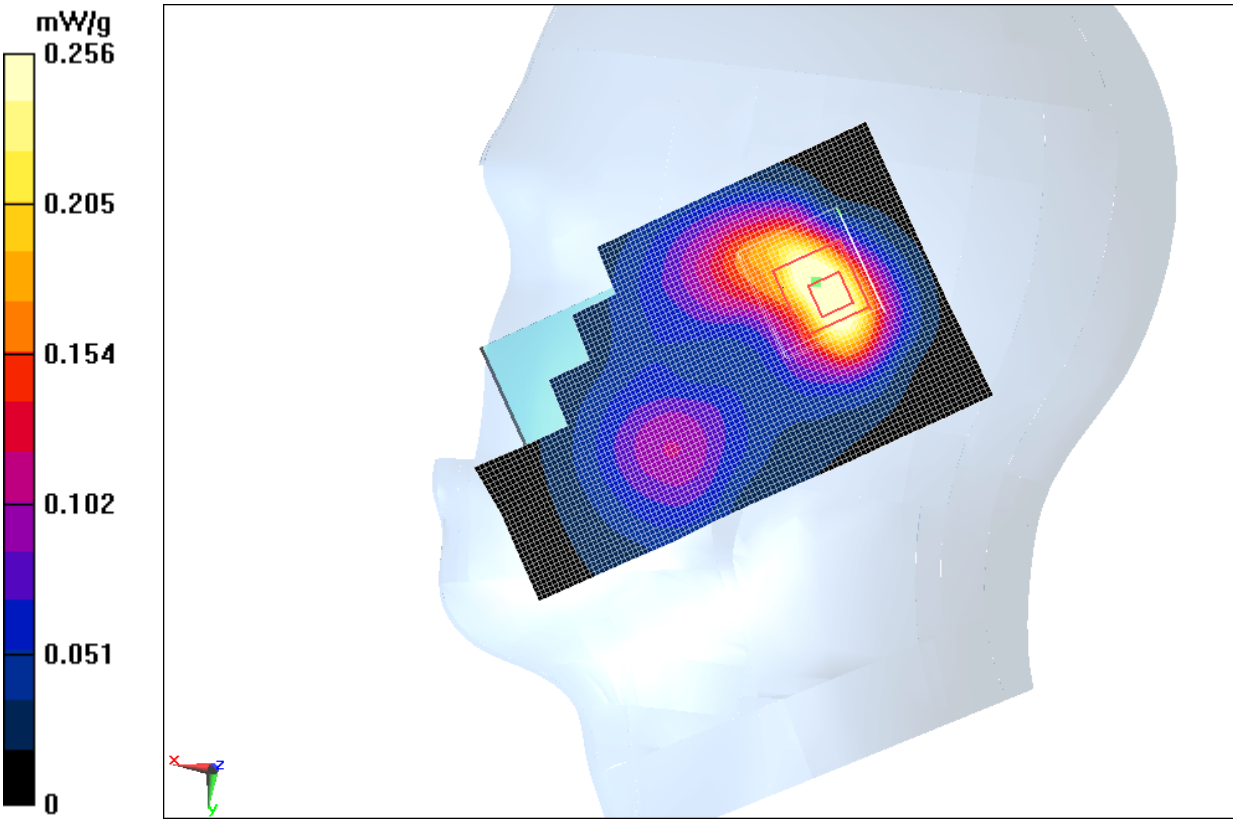


Fig.34 1900 MHz CH661

1900 Right Tilt Low
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.342 mho/m; εr = 40.901; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
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) = 0.260 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.879 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.350 mW/g
SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.234 mW/g

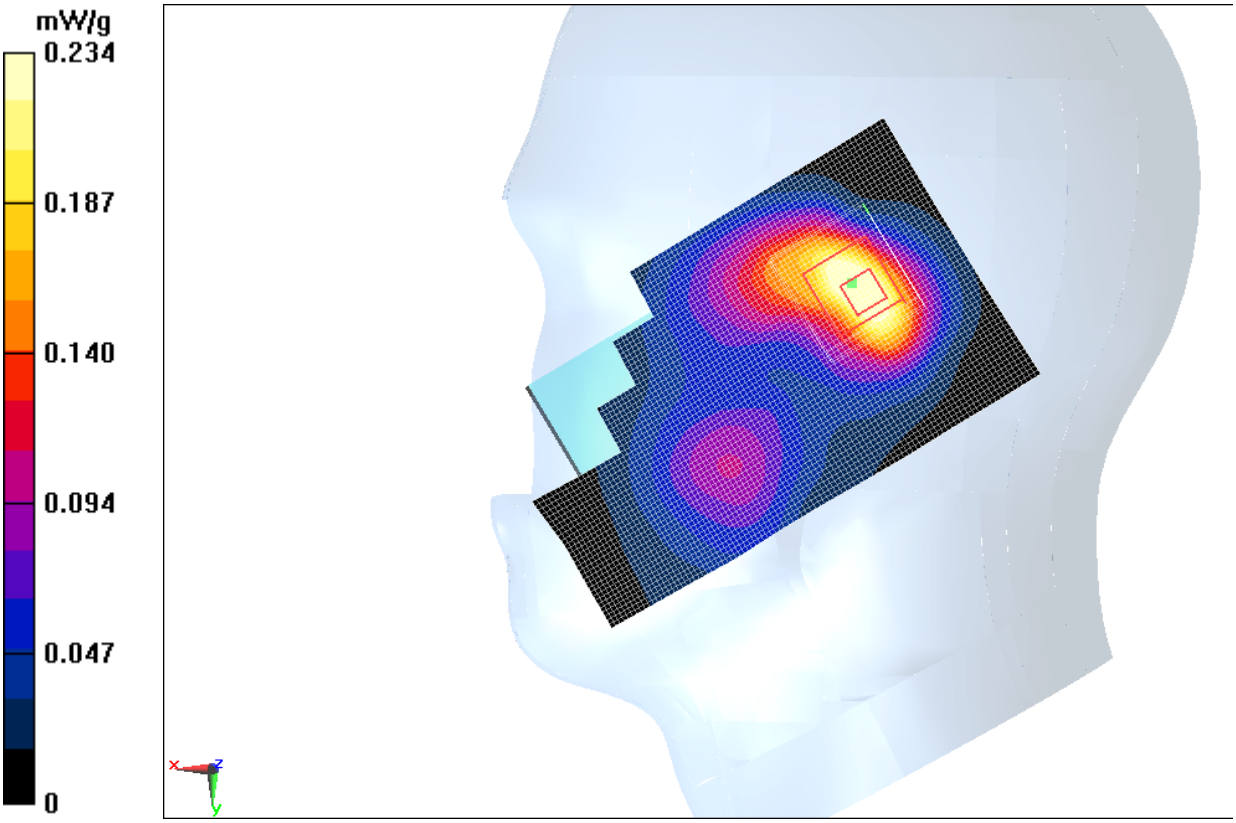


Fig. 35 1900 MHz CH512

1900 Right Cheek Middle with battery CAB3120000C1
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.372 mho/m; εr = 40.808; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
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) = 0.835 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.907 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.096 mW/g
SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.798 mW/g

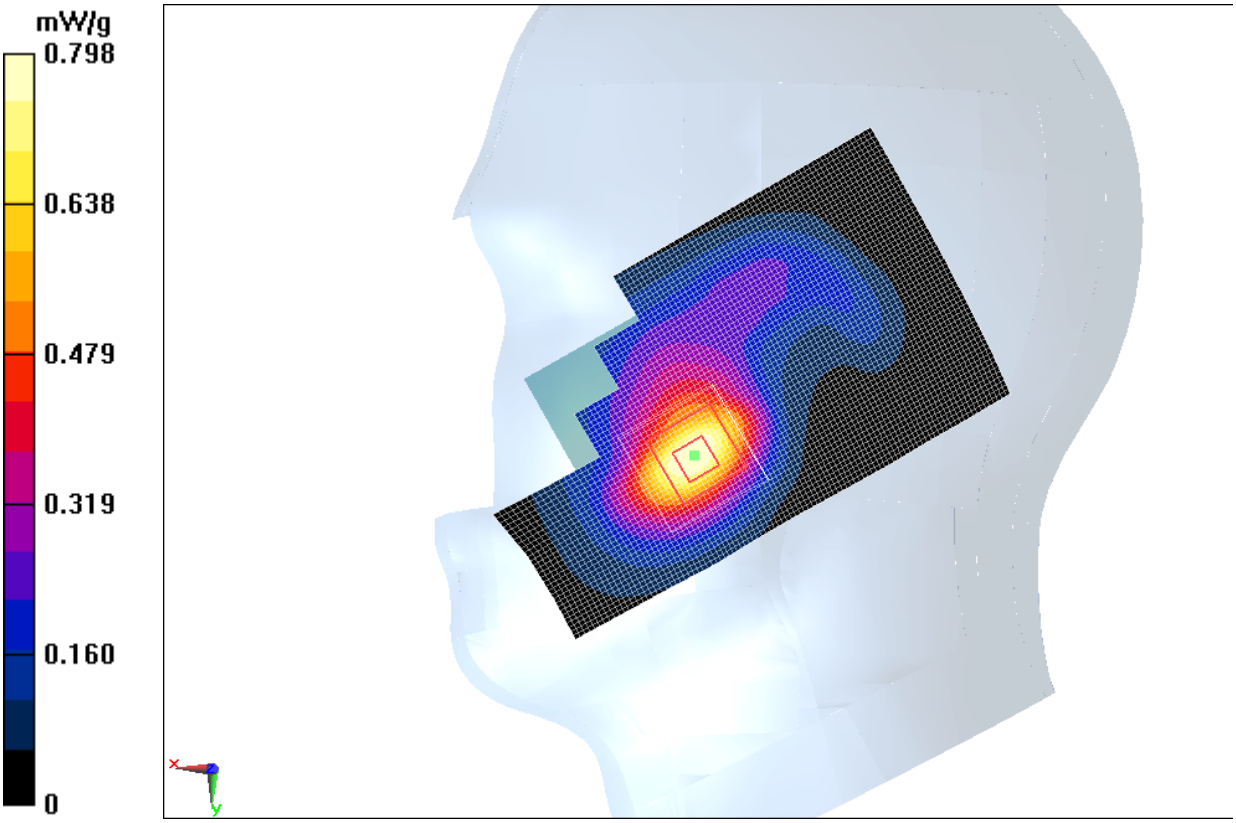


Fig. 36 1900 MHz CH661

1900 Body Toward Phantom High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.351; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Phantom High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.838 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.006 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.208 mW/g
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.466 mW/g
Maximum value of SAR (measured) = 0.828 mW/g

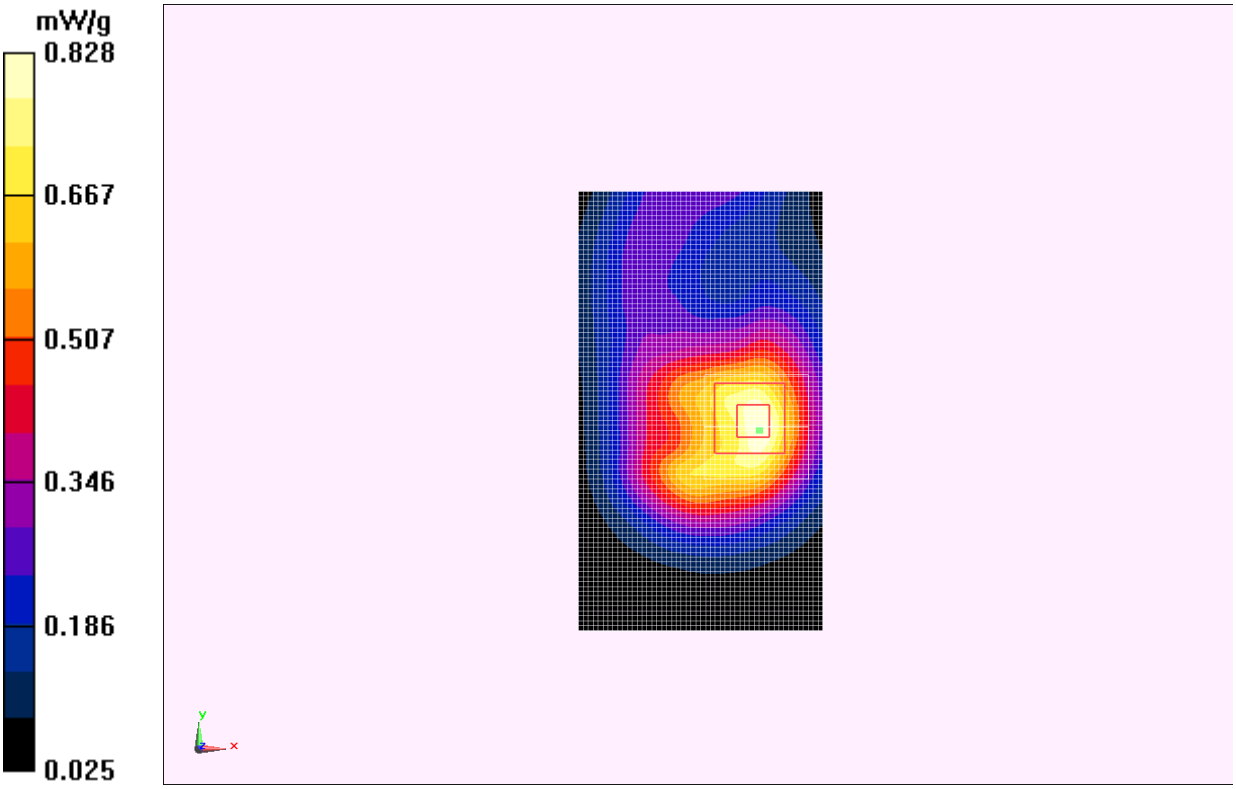


Fig. 37 1900 MHz CH810

1900 Body Toward Ground High

Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.351; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.43 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.261 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.731 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

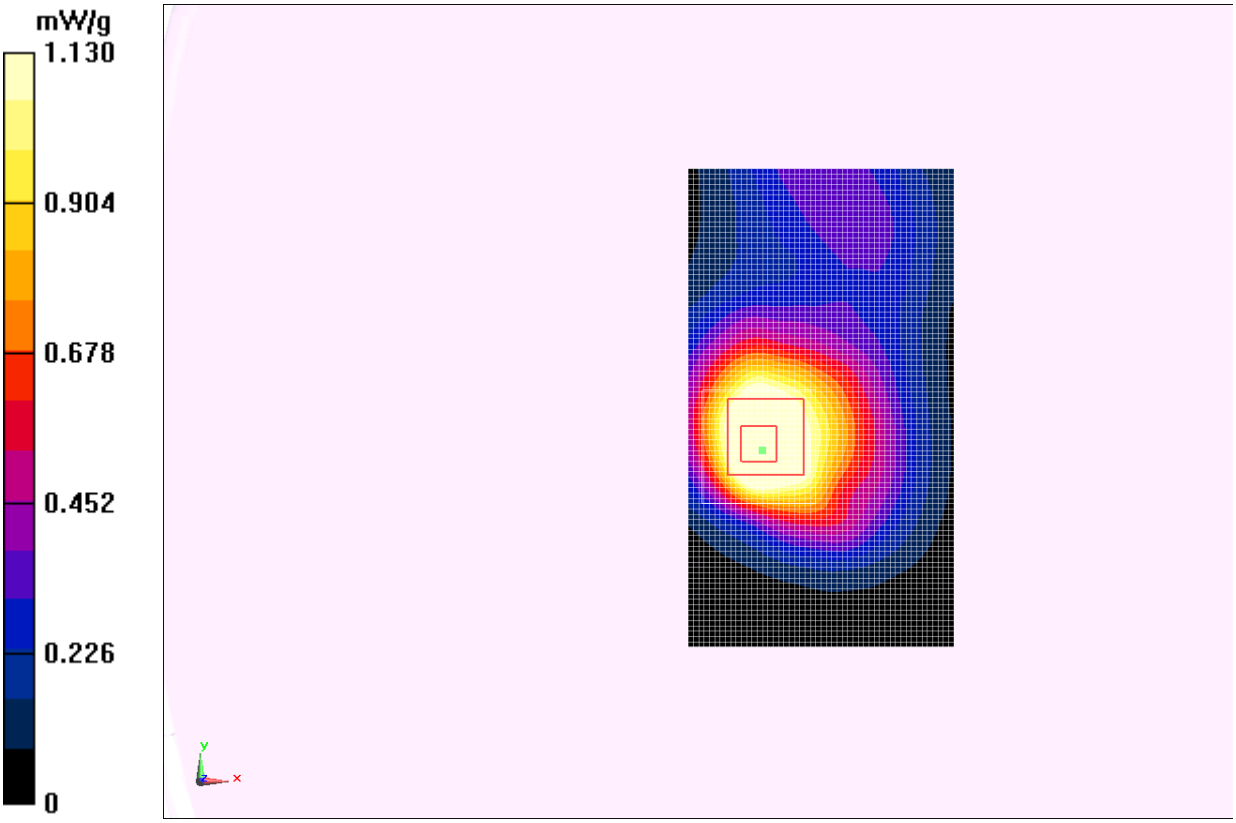


Fig. 38 1900 MHz CH810

1900 Body Toward Ground Middle
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.473; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.25 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.178 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.806 mW/g
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (measured) = 1.17 mW/g

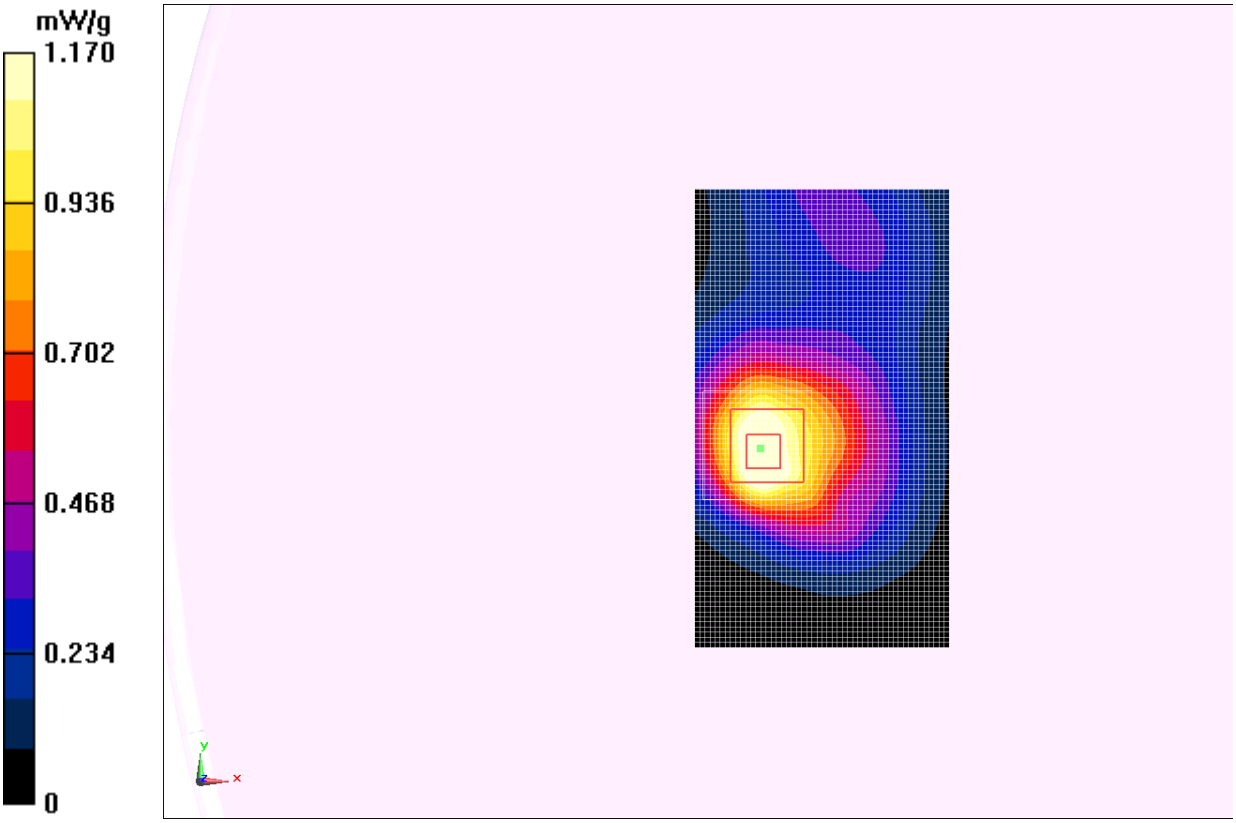


Fig. 39 1900 MHz CH661

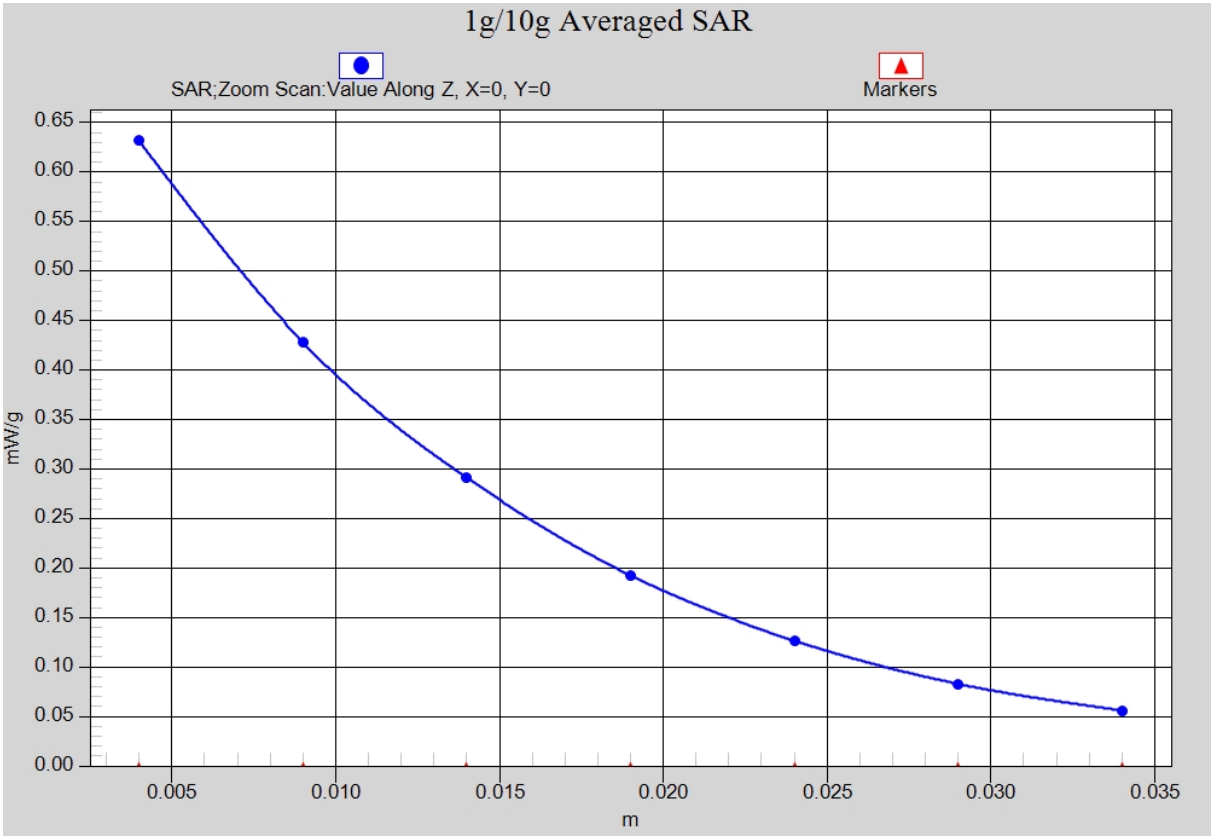


Fig. 39-1 Z-Scan at power reference point (1900 MHz CH661)

1900 Body Toward Ground Low
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.447 mho/m; εr = 52.608; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.046 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.769 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.646 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

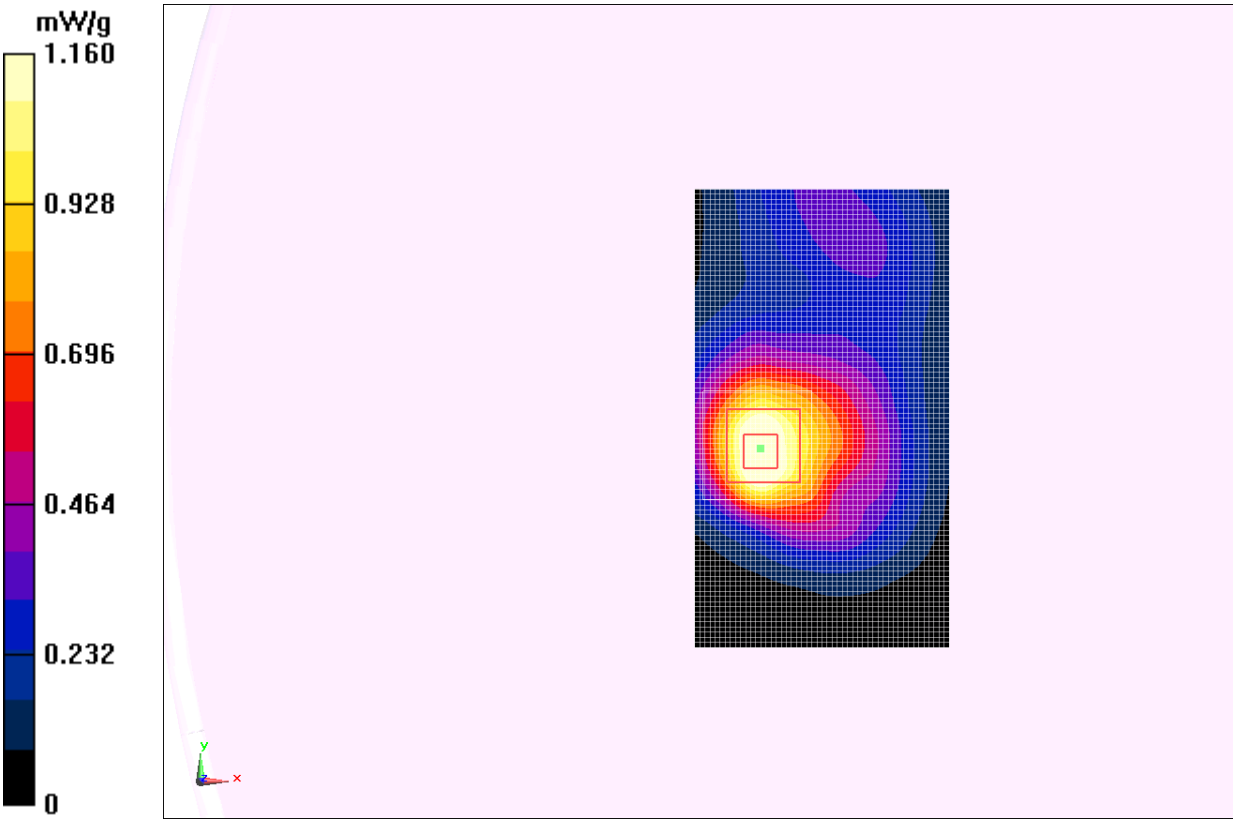


Fig. 40 1900 MHz CH512

1900 Body Left Side High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.351; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Left Side High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Left Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.961 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.313 mW/g
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.121 mW/g
Maximum value of SAR (measured) = 0.218 mW/g

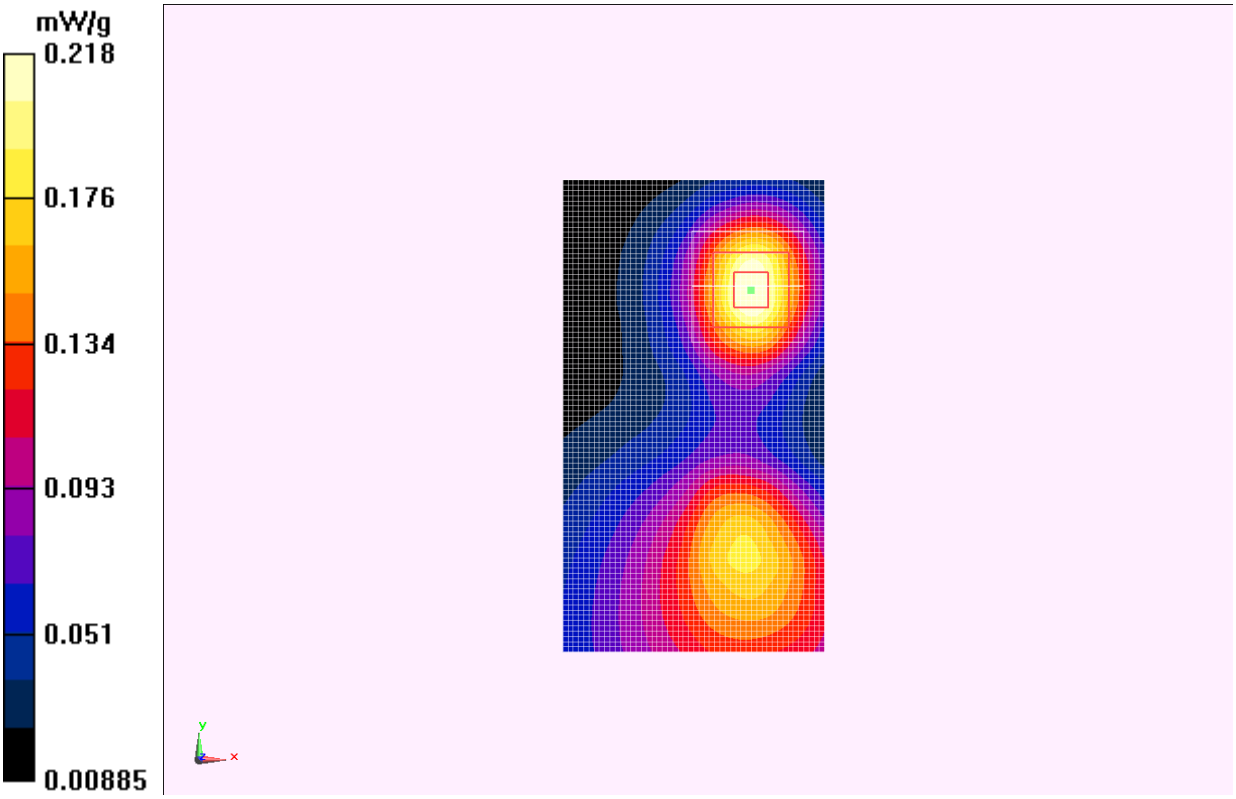


Fig. 41 1900 MHz CH810

1900 Body Right Side High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.351; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Right Side High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.248 mW/g

Right Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.607 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.380 mW/g
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.257 mW/g

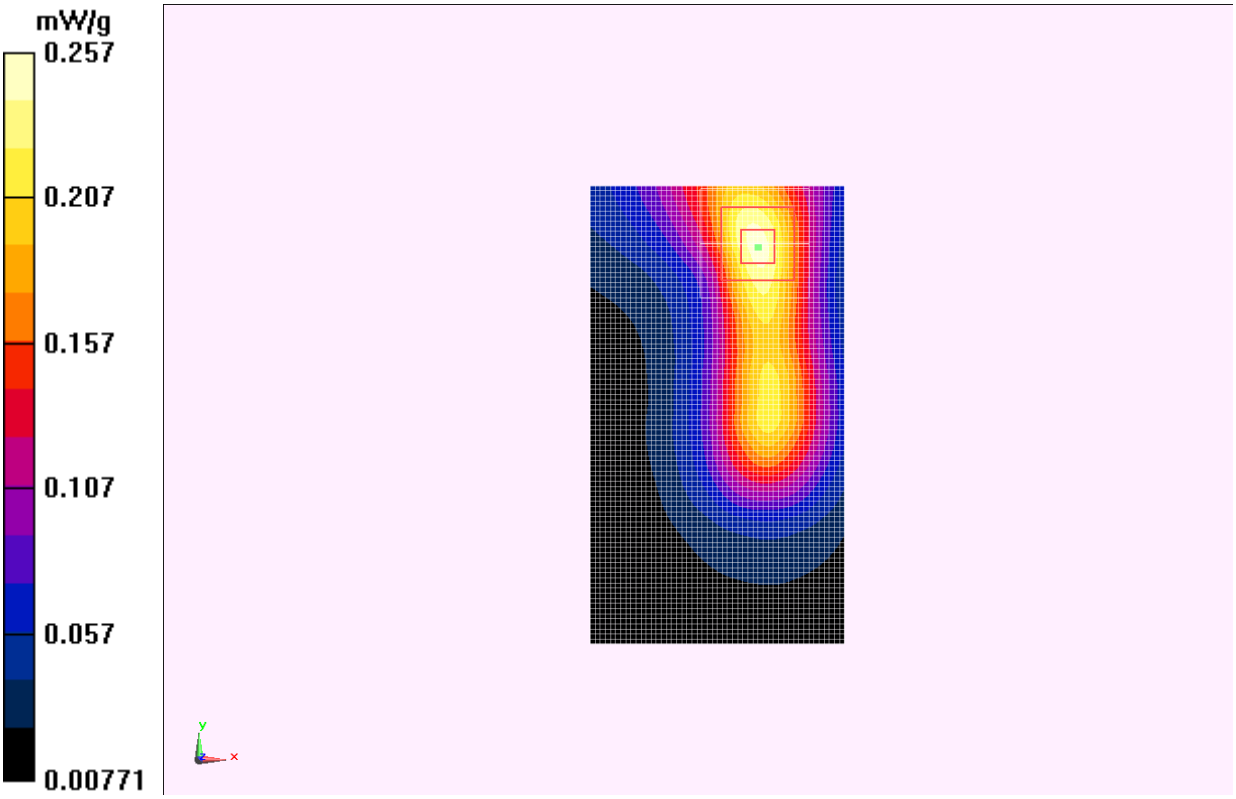


Fig. 42 1900 MHz CH810

1900 Body Bottom Side High
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.351; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1909.8 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.257 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.742 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.569 mW/g
Maximum value of SAR (measured) = 1.13 mW/g

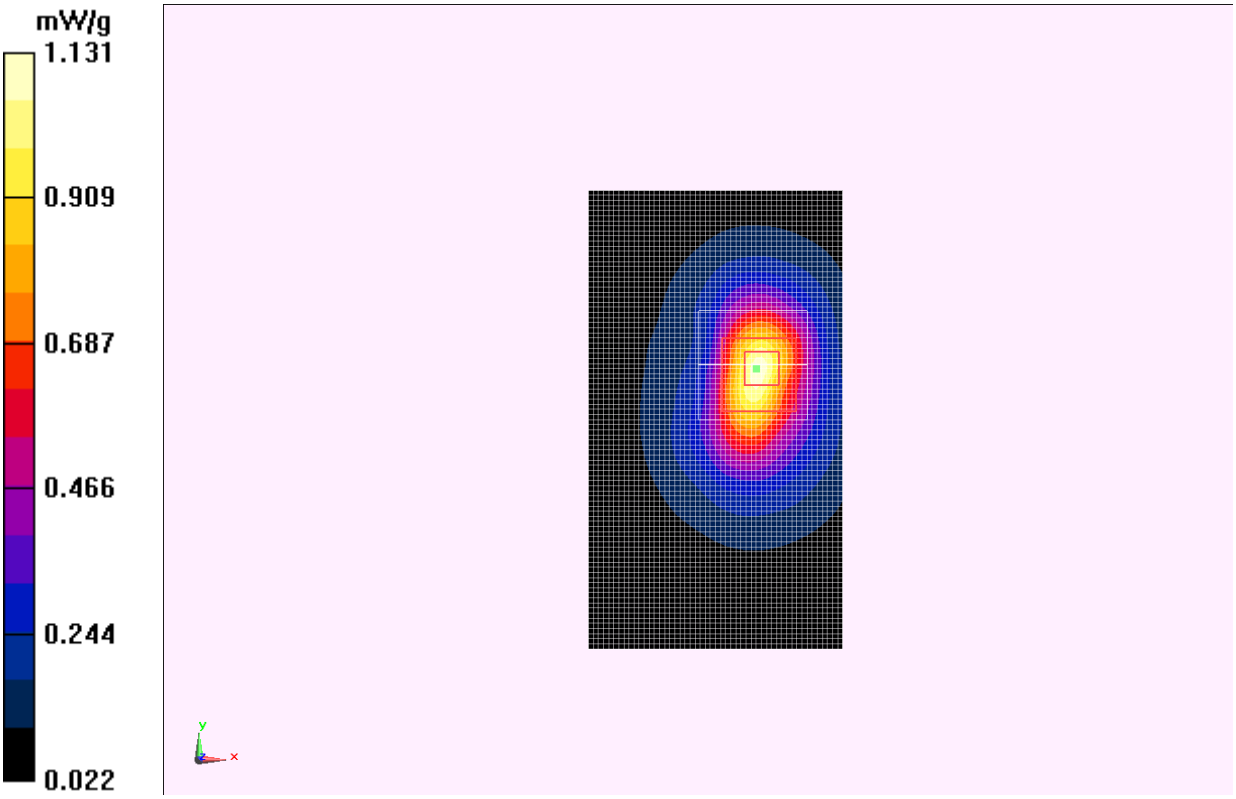


Fig. 43 1900 MHz CH810

1900 Body Bottom Side Middle
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.473; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side Middle/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Bottom Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.092 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.442 mW/g
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 0.983 mW/g

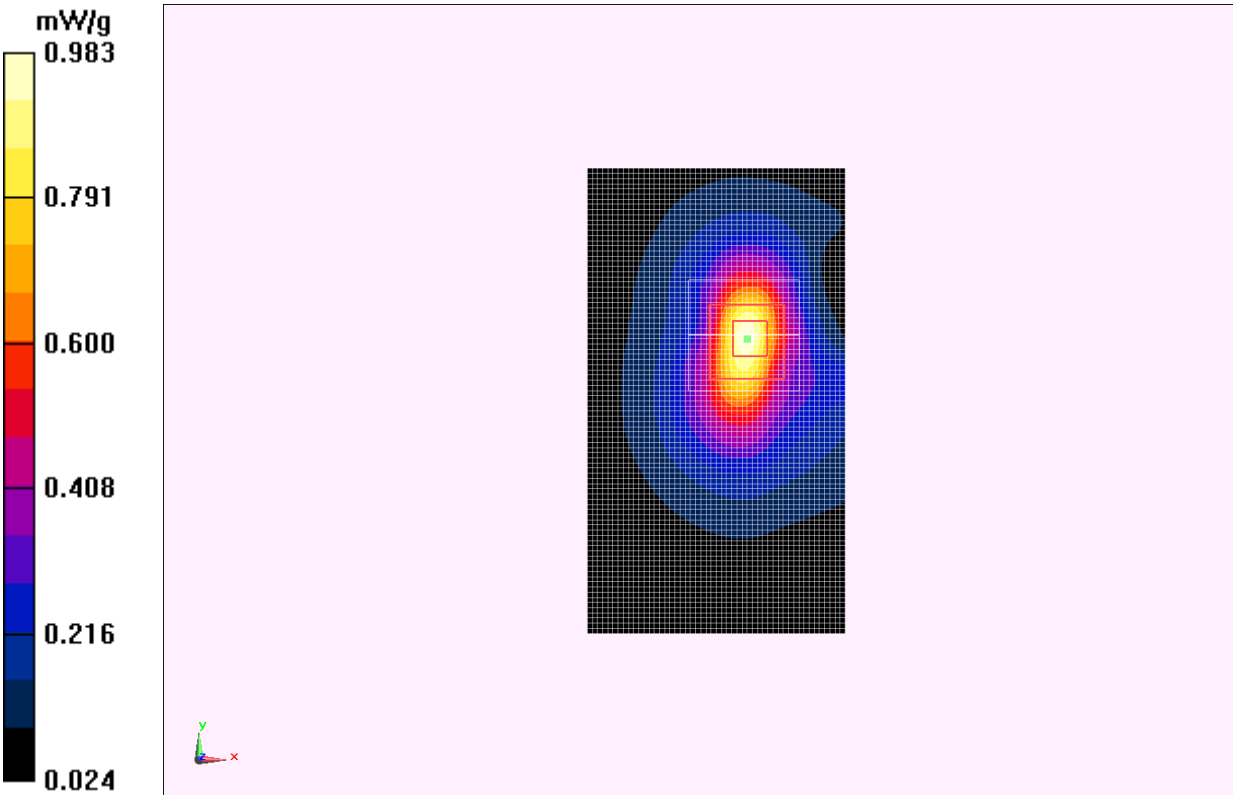


Fig. 44 1900 MHz CH661

1900 Body Bottom Side Low
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.447 mho/m; εr = 52.608; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz GPRS Frequency: 1850.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.984 mW/g

Bottom Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.083 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.448 mW/g
SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 0.988 mW/g

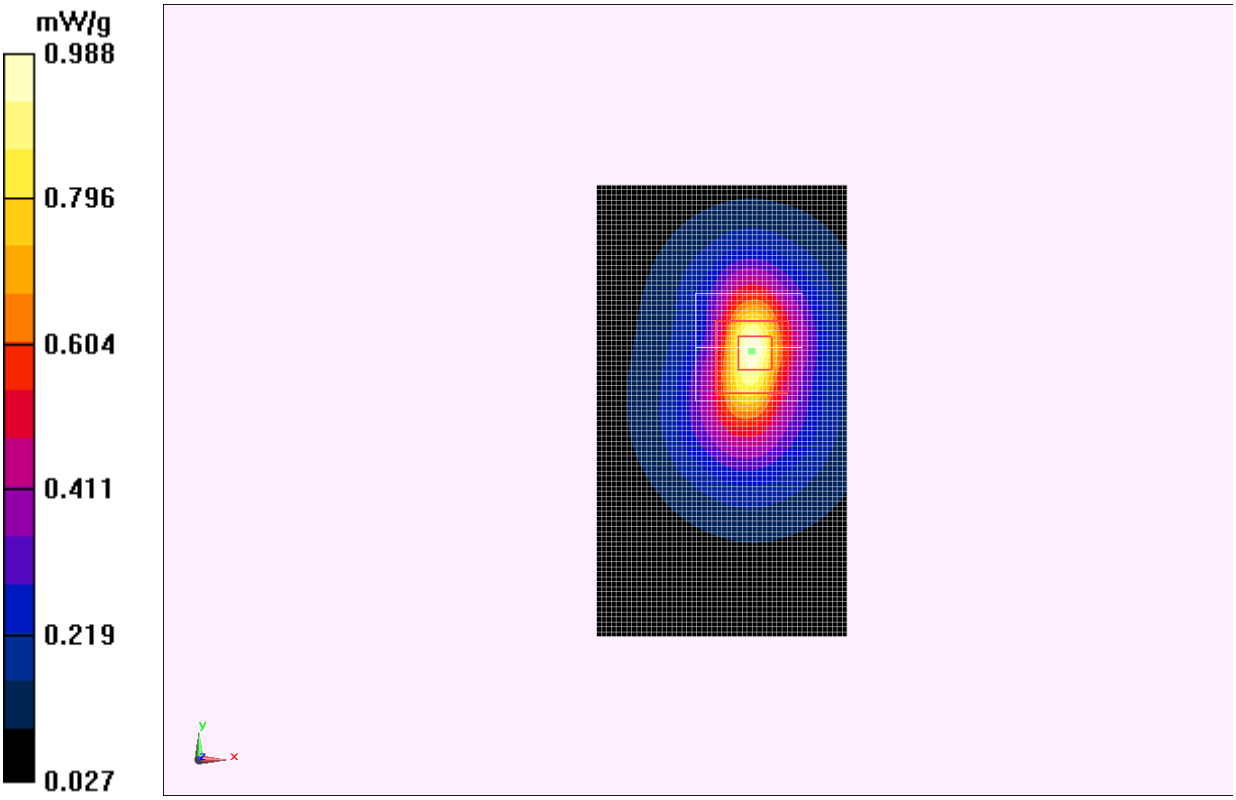


Fig. 45 1900 MHz CH512

1900 Body Toward Ground High with EGPRS

Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.351; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz EGPRS Frequency: 1909.8 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground High/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.067 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.669 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.610 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

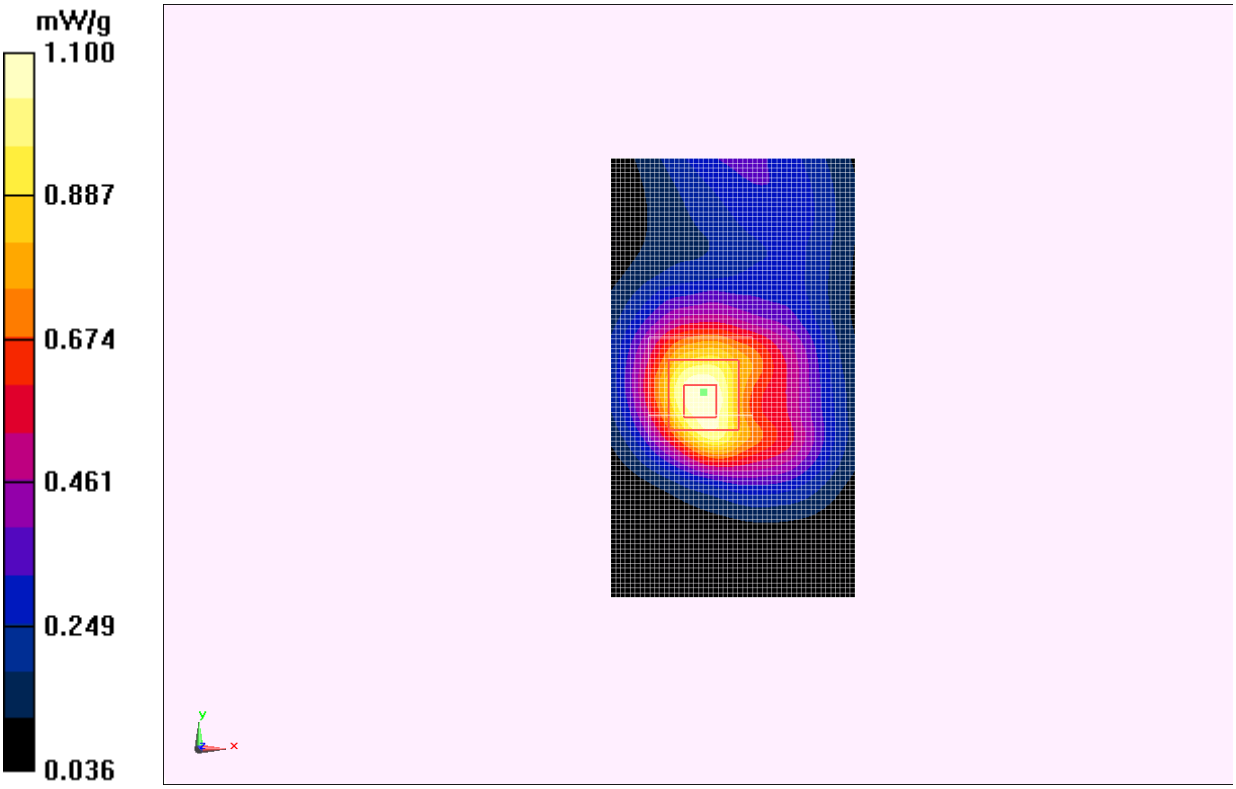


Fig. 46 1900 MHz CH810

1900 Body Toward Ground Middle with EGPRS
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.473; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz EGPRS Frequency: 1880 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Middle/Area Scan (51x91x1): 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 = 26.084 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.726 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.14 mW/g

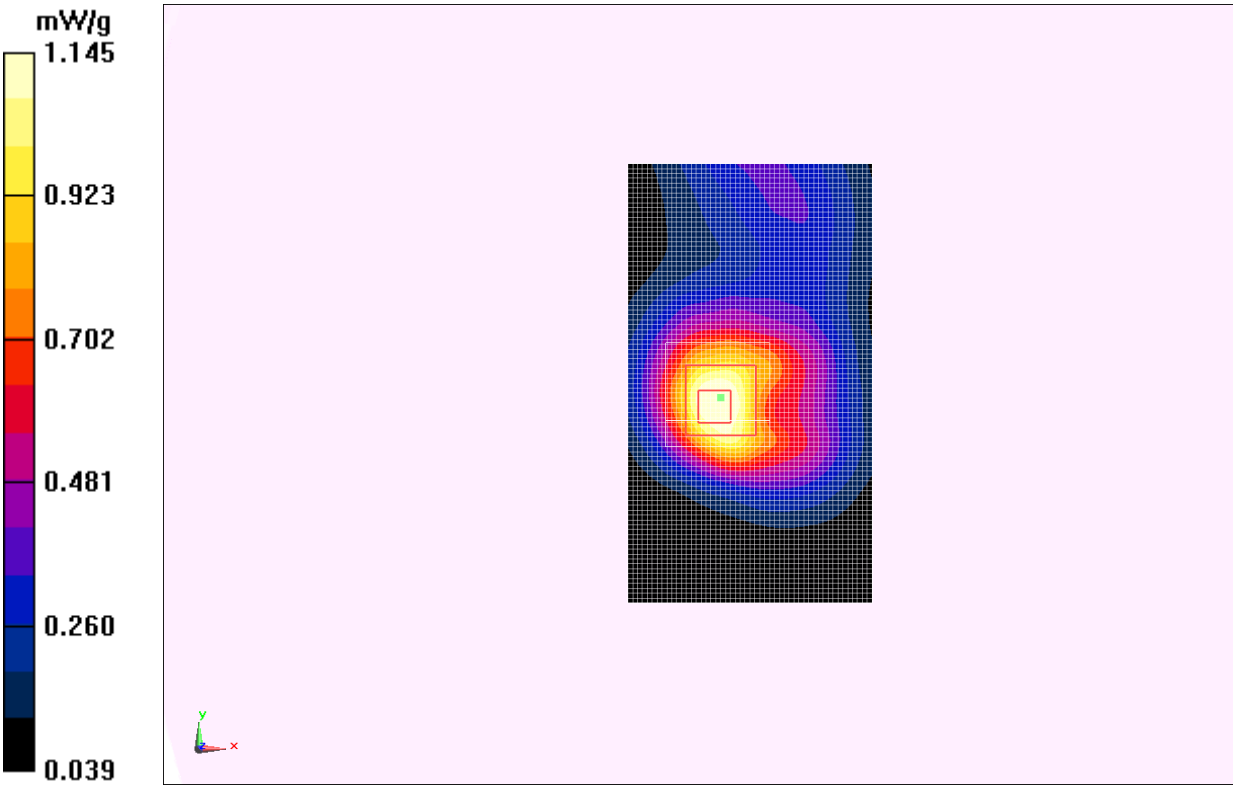


Fig. 47 1900 MHz CH661

1900 Body Toward Ground Low with EGPRS

Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.447 mho/m; εr = 52.608; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: GSM 1900MHz EGPRS Frequency: 1850.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Low/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.182 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.715 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.645 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

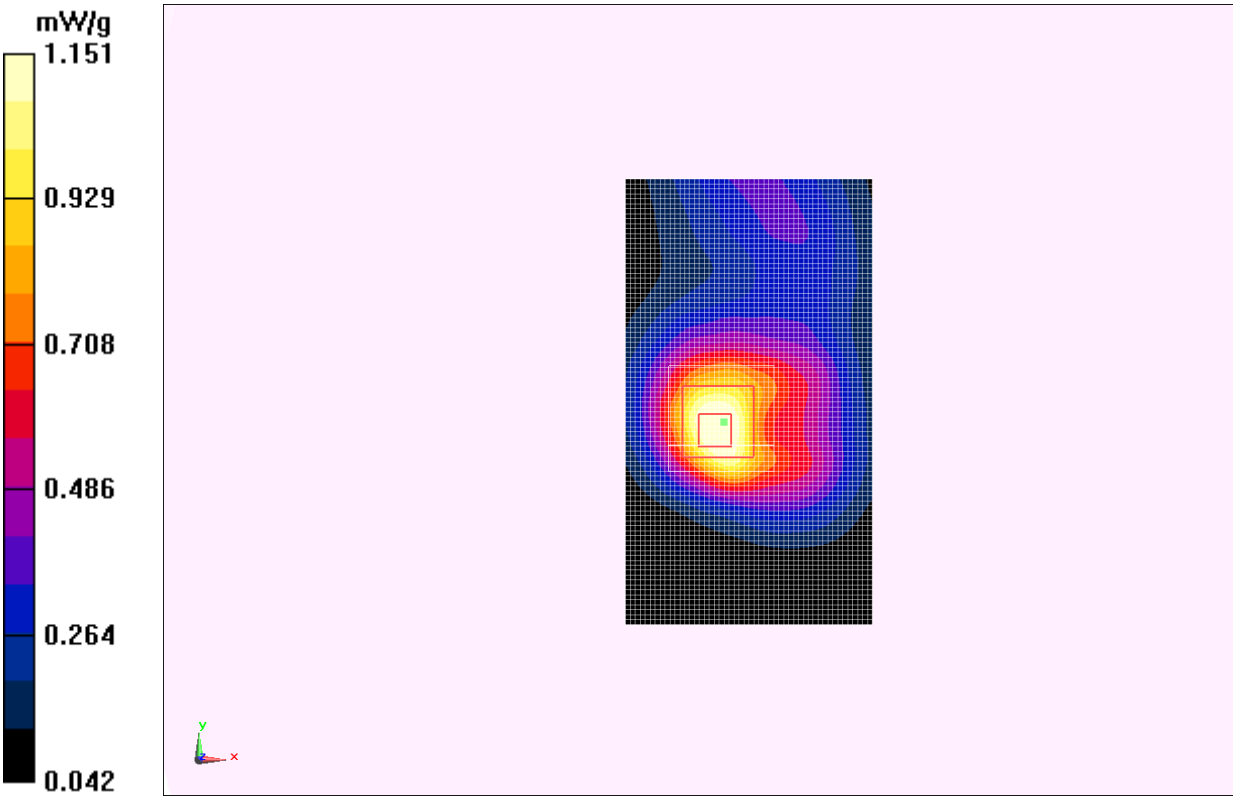


Fig. 48 1900 MHz CH512

1900 Body Toward Ground Middle with Headset CCB3160A11C2
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.473; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.845 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.613 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.181 mW/g
SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.789 mW/g

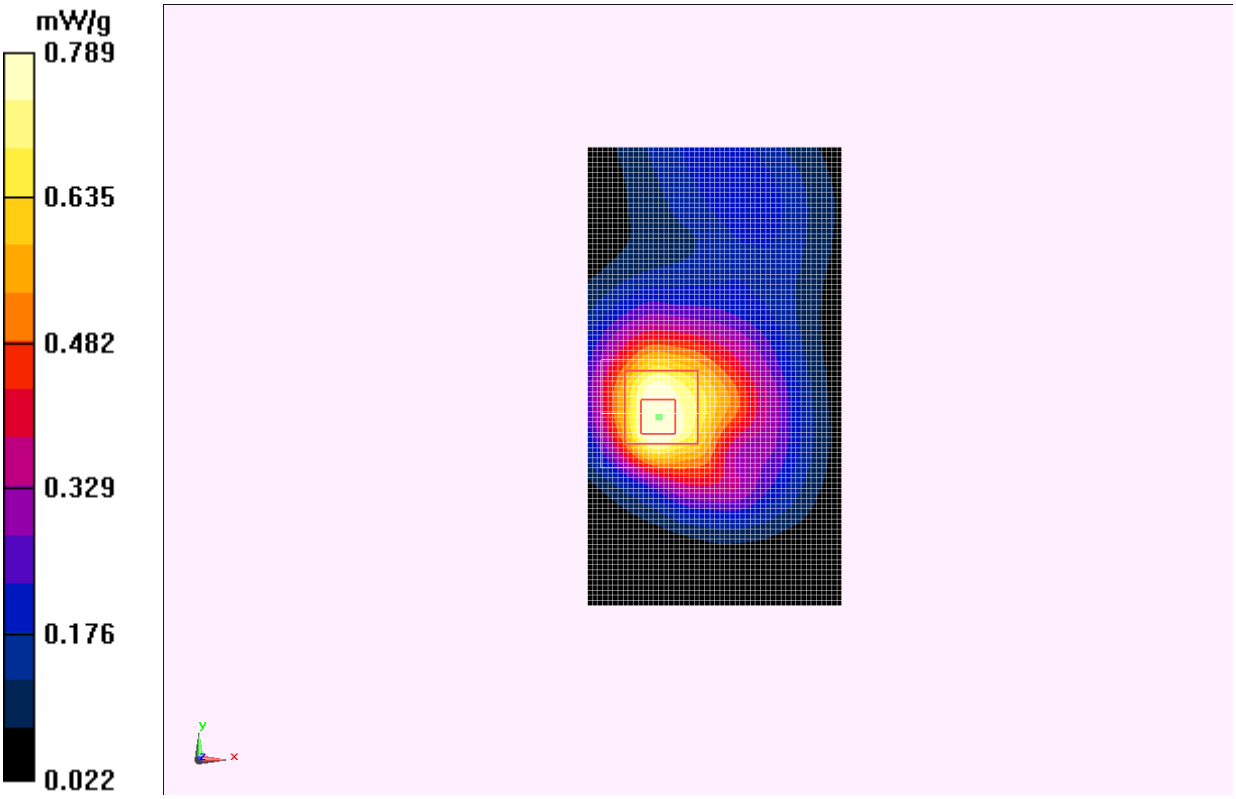


Fig. 49 1900 MHz CH661

1900 Body Toward Ground Middle with Headset CCB3160A11C4
Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.473; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°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 (51x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.697 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.792 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.964 mW/g
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.376 mW/g
Maximum value of SAR (measured) = 0.648 mW/g

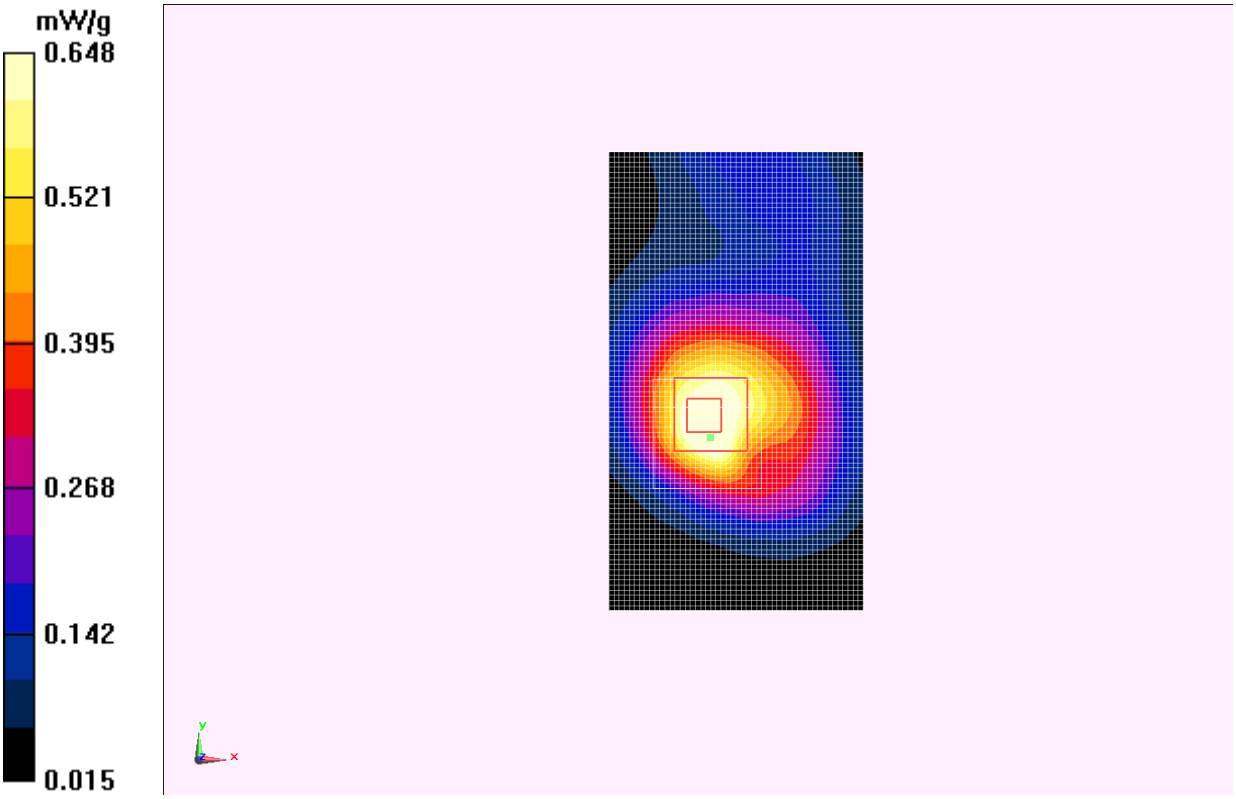


Fig. 50 1900 MHz CH661

Wifi Left Cheek High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.841 mho/m; εr = 39.438; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.509 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.119 mW/g
Maximum value of SAR (measured) = 0.254 mW/g

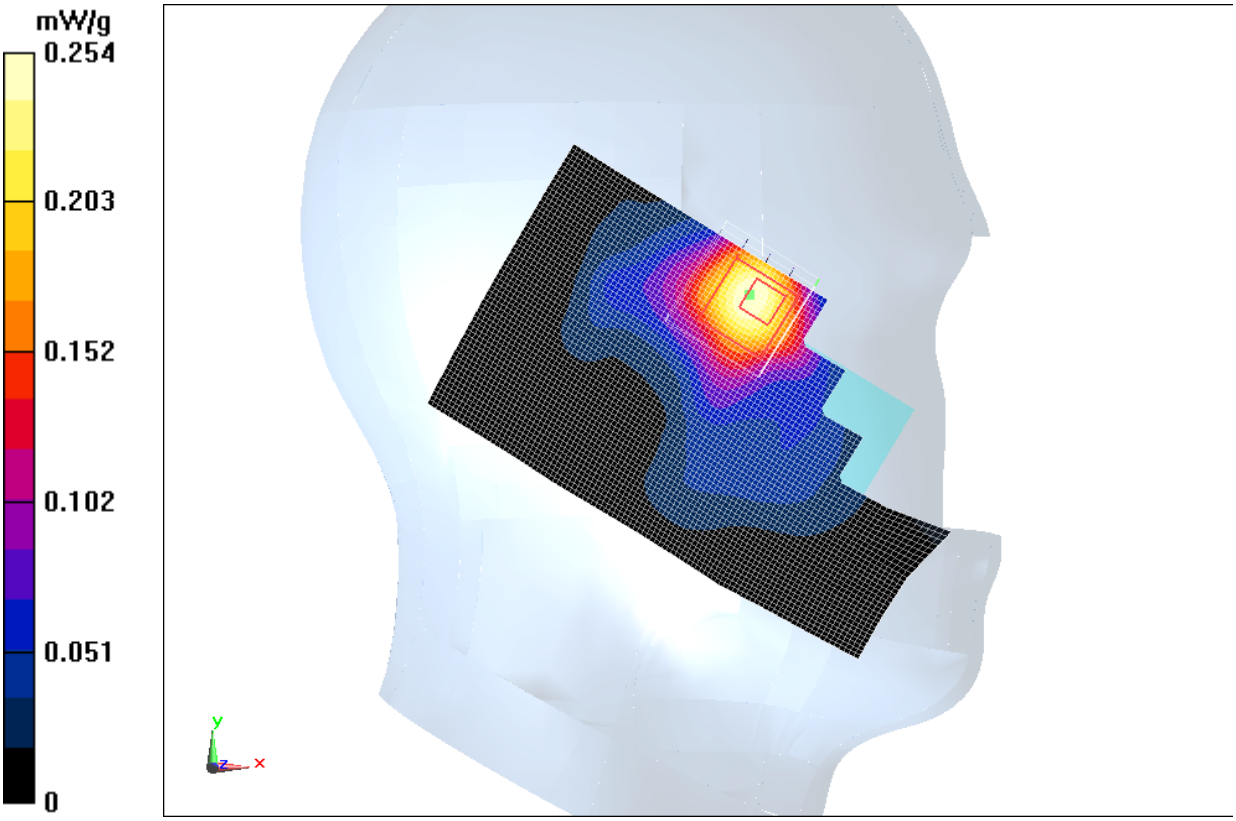


Fig. 51 2450 MHz CH11

Wifi Left Tilt High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.841 mho/m; εr = 39.438; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.193 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.023 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.298 mW/g
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.182 mW/g
Tilt High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.023 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.252 mW/g
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.153 mW/g

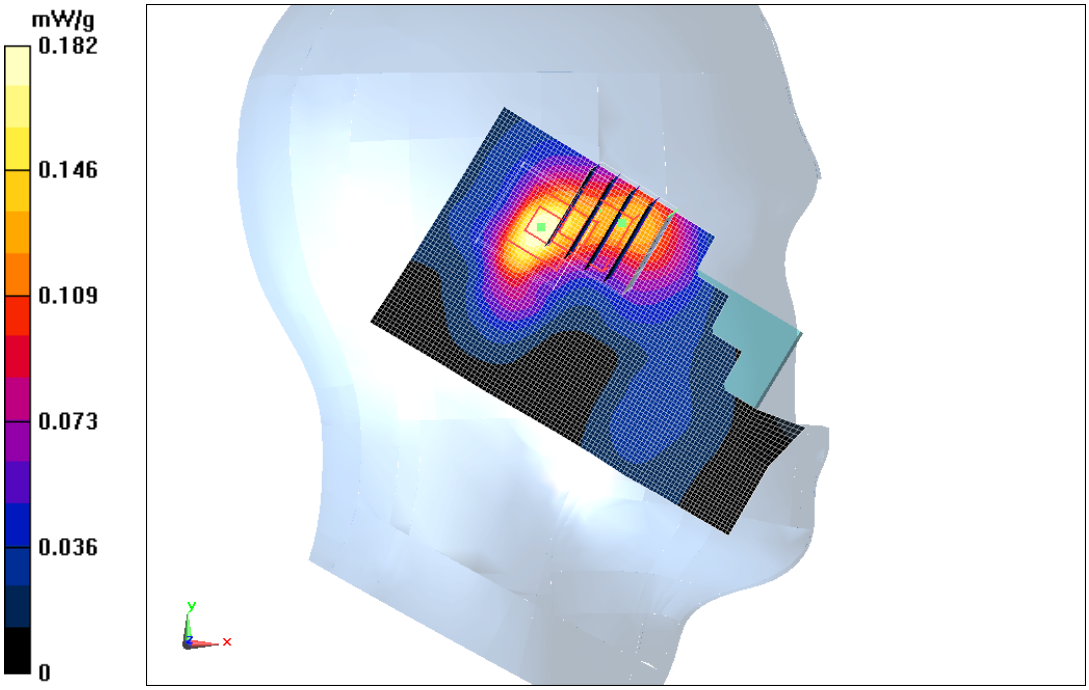


Fig. 52 2450 MHz CH11

Wifi Right Cheek High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.841 mho/m; εr = 39.438; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.742 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.777 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.445 mW/g
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.749 mW/g

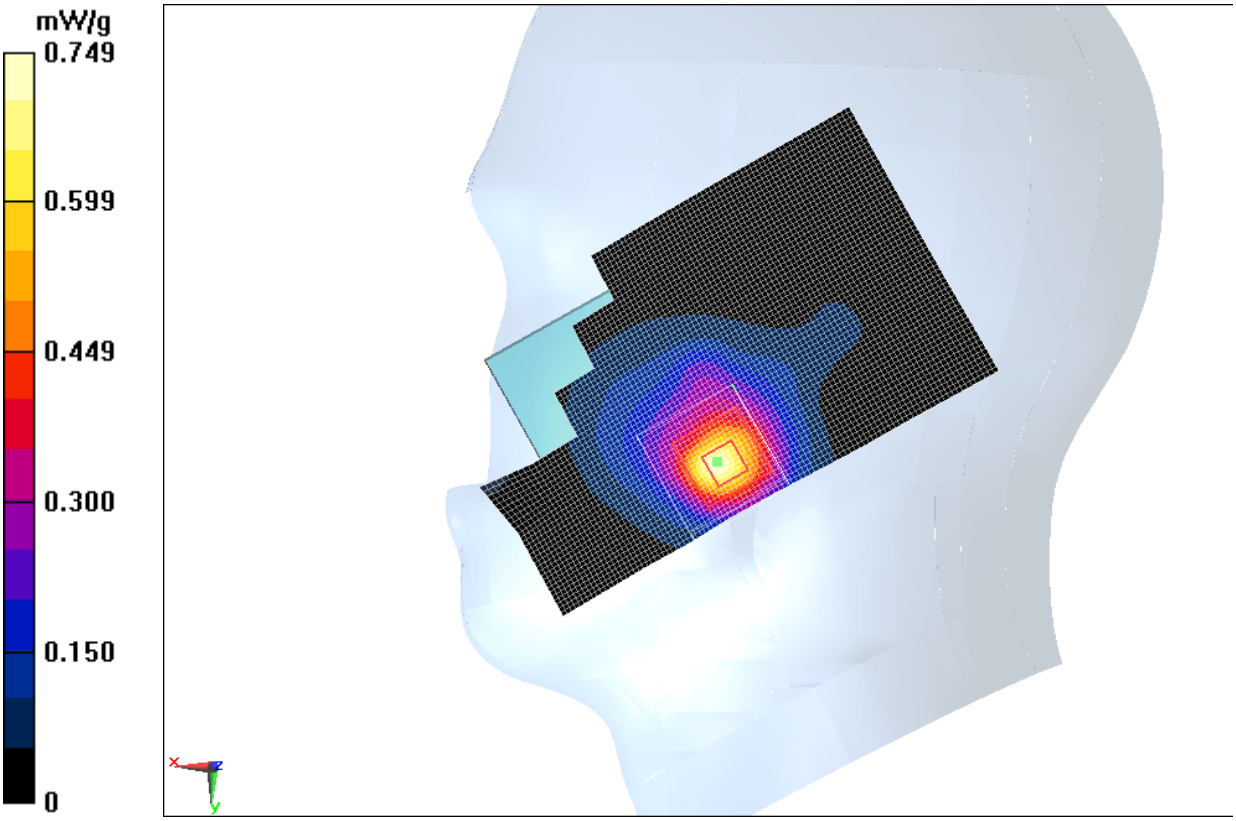


Fig. 53 2450 MHz CH11

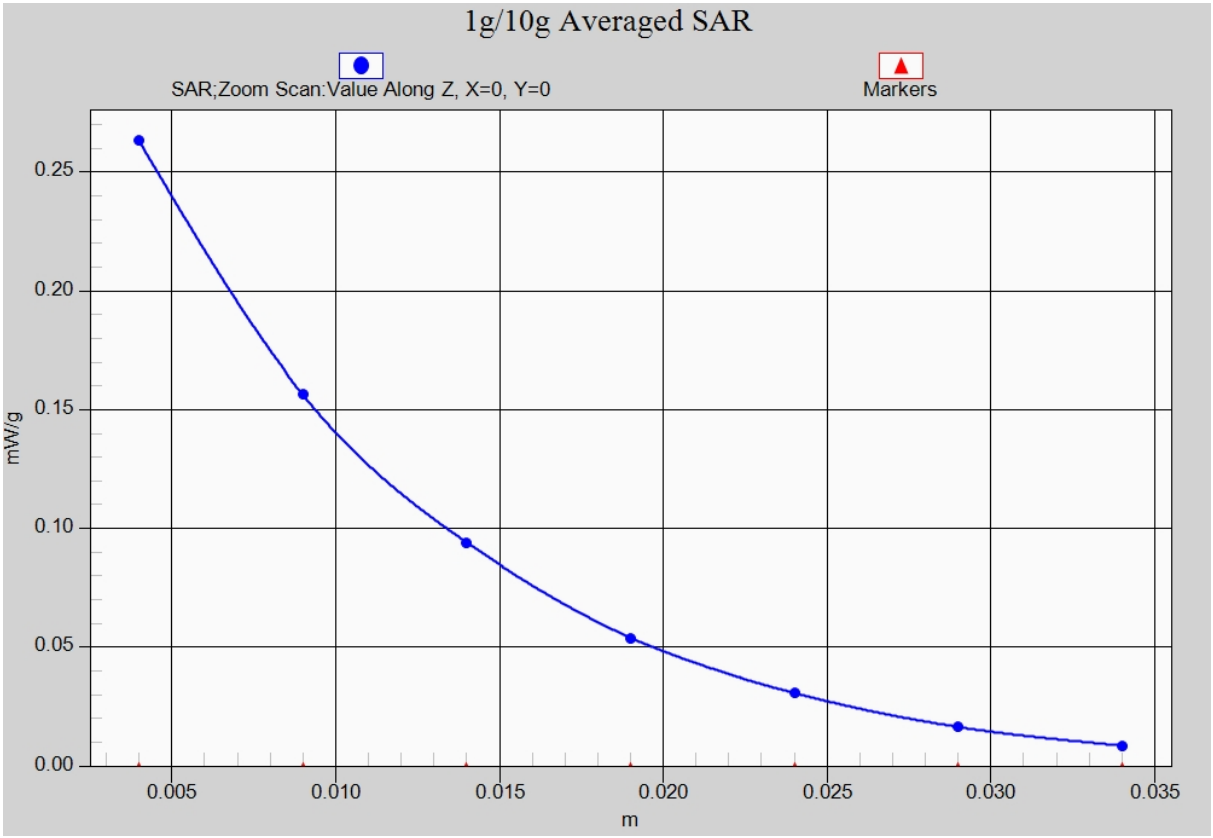


Fig. 53-1 Z-Scan at power reference point (2450 MHz CH11)

Wifi Right Tilt High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.841 mho/m; εr = 39.438; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.49, 4.49, 4.49)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.103 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.821 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.172 mW/g
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.106 mW/g
Tilt High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.821 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.154 mW/g
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.0907 mW/g

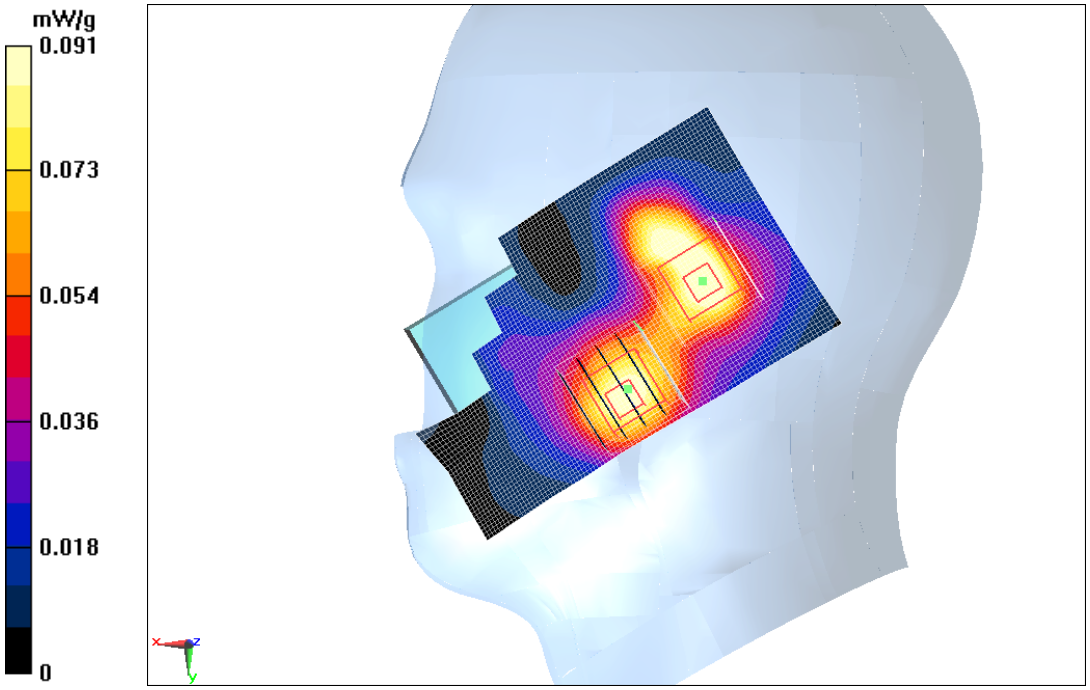


Fig. 54 2450 MHz CH11

Wifi Body Toward Phantom High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.973 mho/m; εr = 52.02; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Toward Phantom High/Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0533 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.671 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.079 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0497 mW/g
Toward Phantom High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.671 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.059 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.0400 mW/g

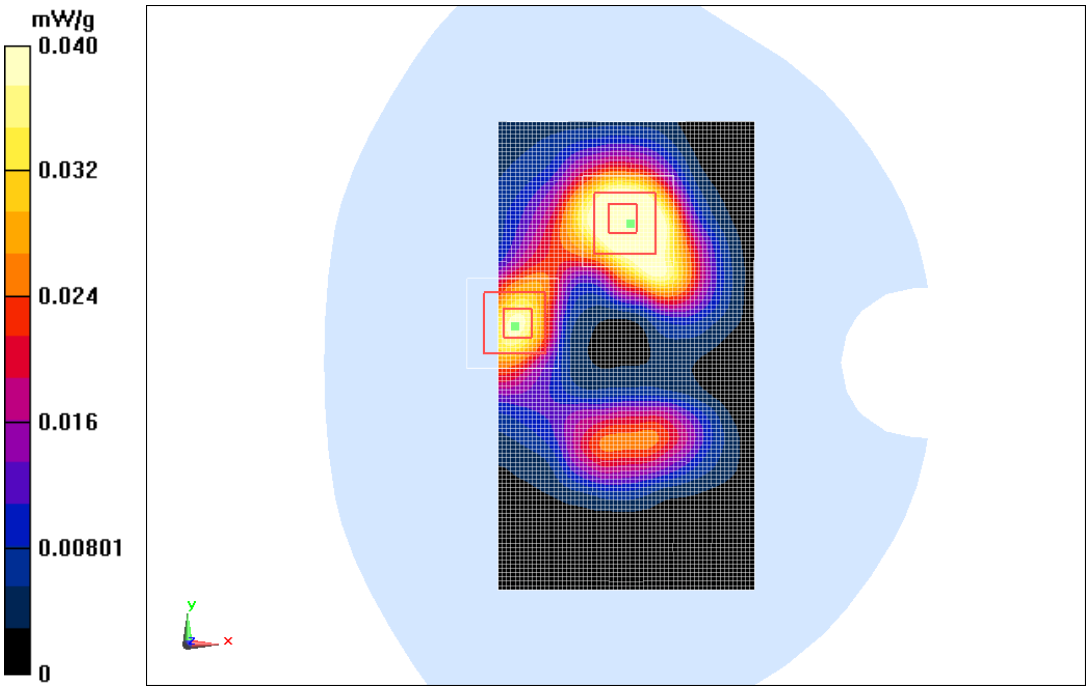


Fig. 55 2450 MHz CH11

Wifi Body Toward Ground High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.973 mho/m; εr = 52.02; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Toward Ground High/Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.530 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.964 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.005 mW/g
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.496 mW/g

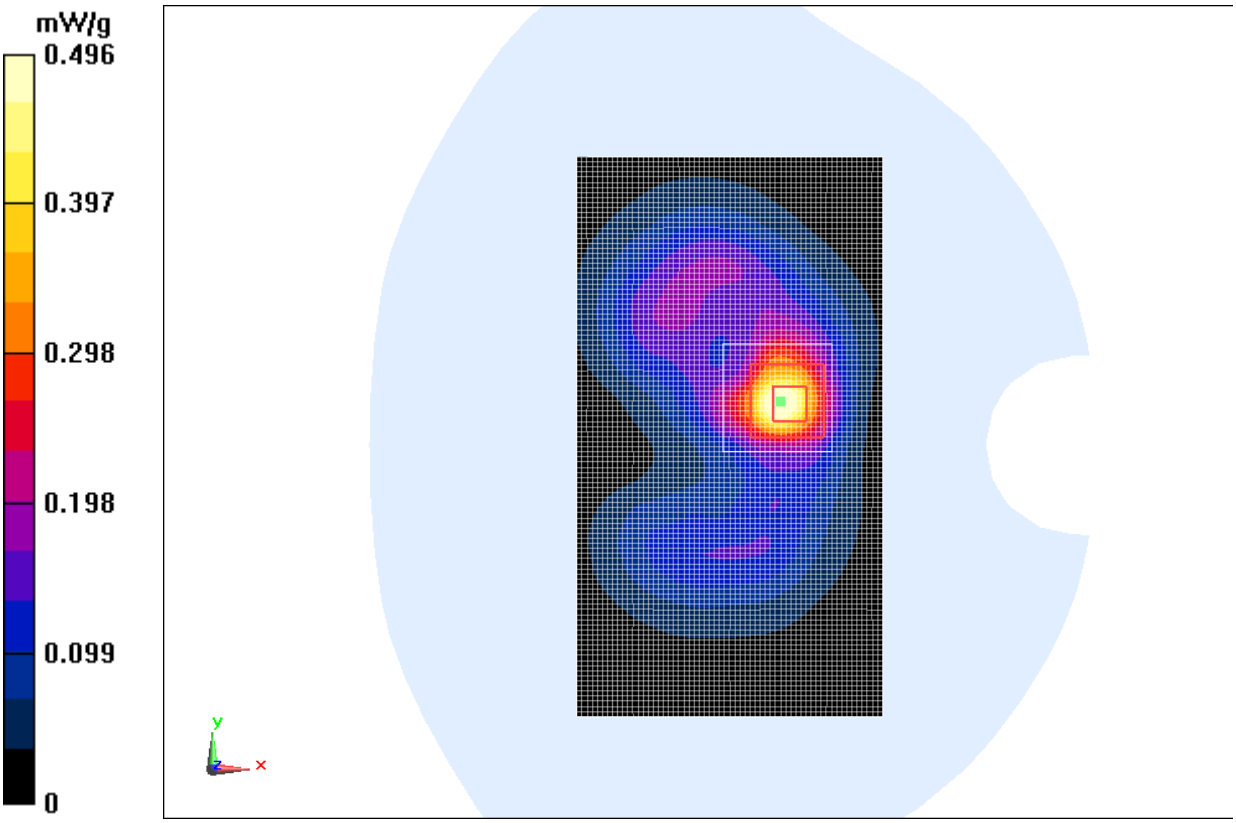


Fig. 56 2450 MHz CH11

Wifi Body Right Side High
Date: 2012-11-22
Electronics: DAE4 Sn771
Medium: 2450 Body
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.973 mho/m; εr = 52.02; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°C
Communication System: WLan 2450 Frequency: 2462 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(4.15, 4.15, 4.15)

Right Side High/Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.638 mW/g

Right Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.828 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.010 mW/g
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.591 mW/g

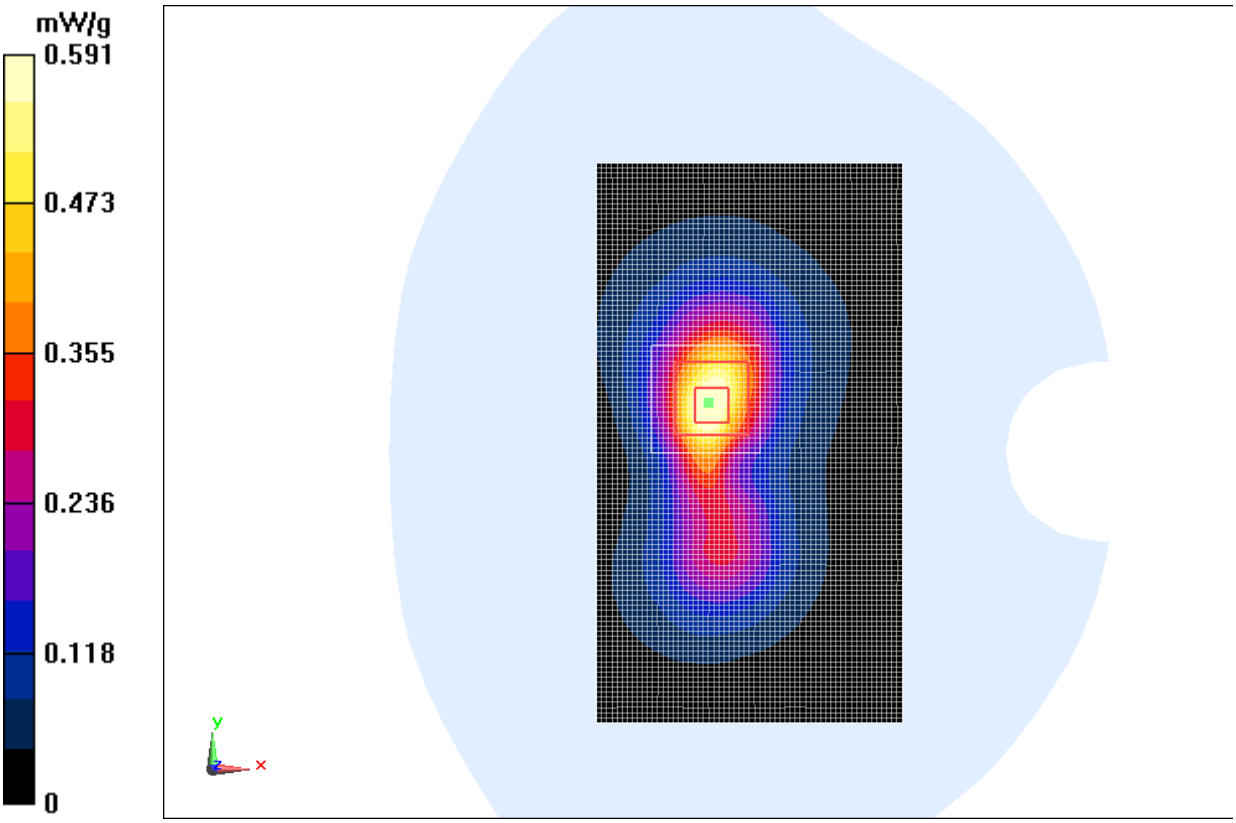


Fig. 57 2450 MHz CH11

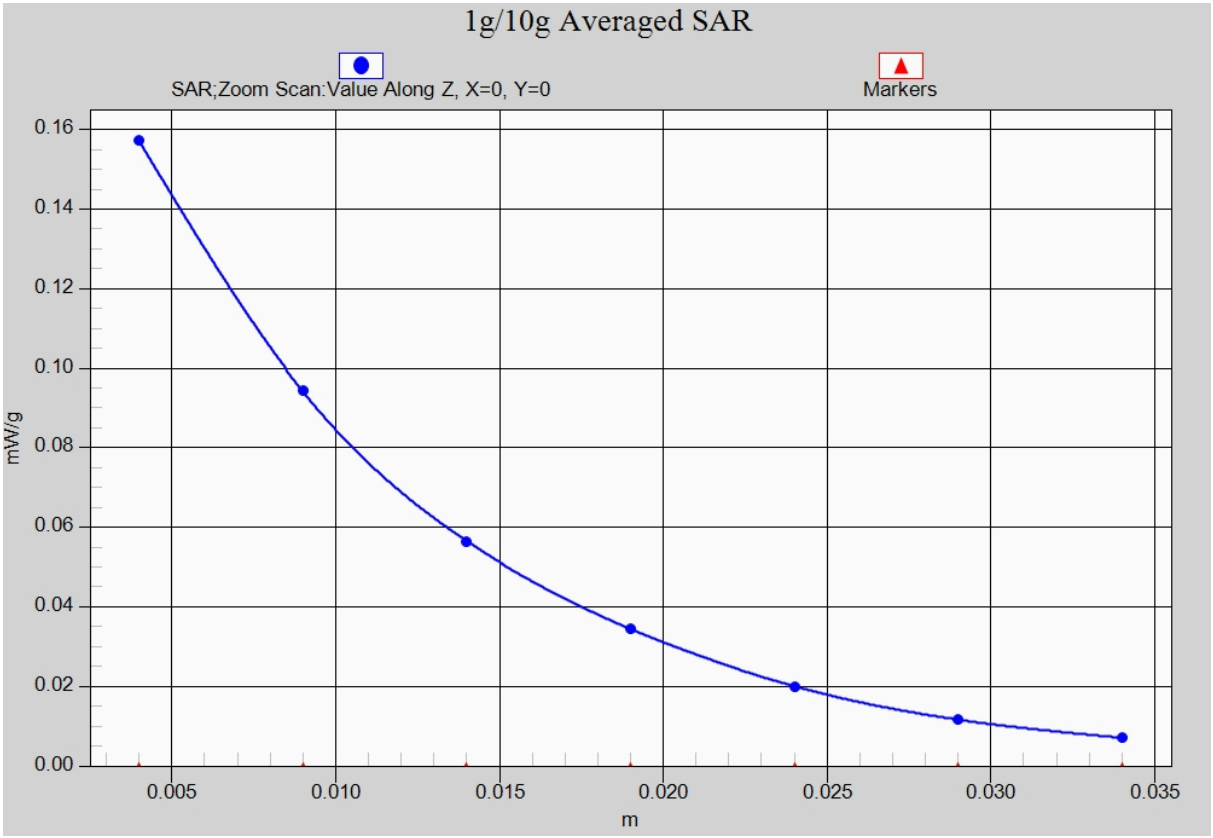


Fig. 57-1 Z-Scan at power reference point (2450 MHz CH11)

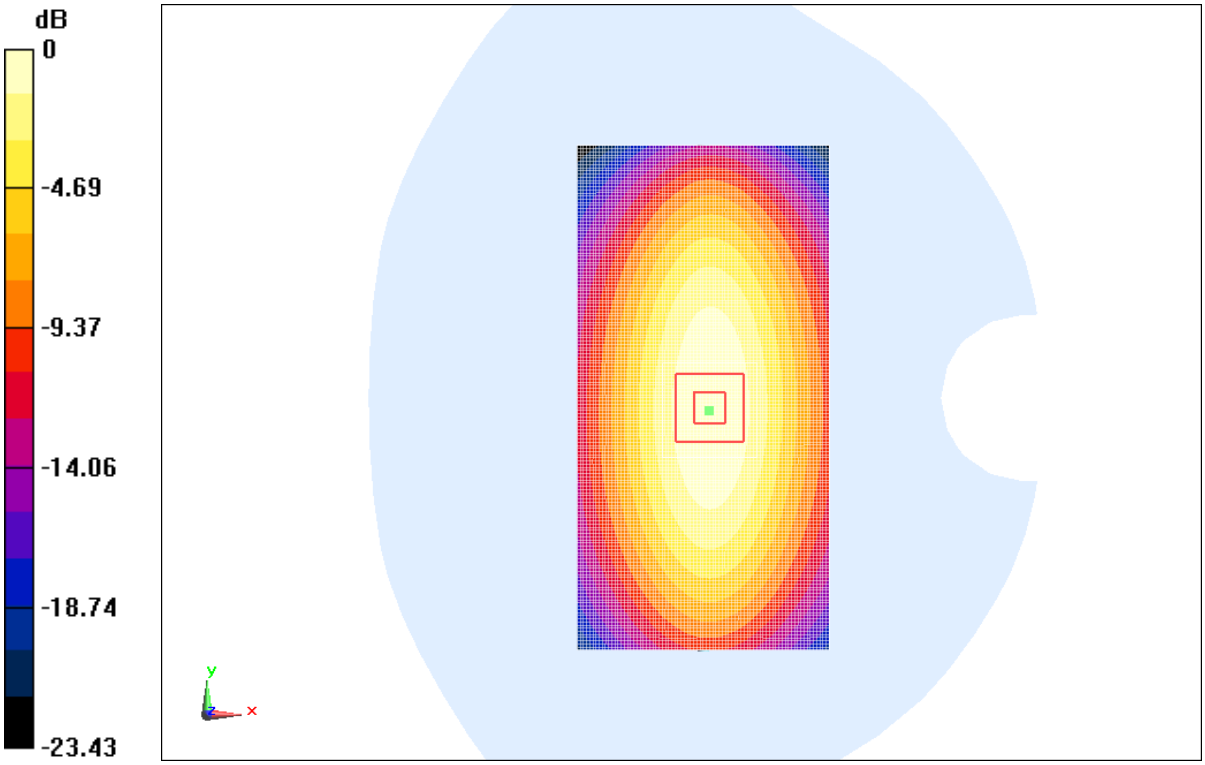
ANNEX B SYSTEM VALIDATION RESULTS

835MHz

Date: 2012-11-26
Electronics: DAE4 Sn771
Medium: Head 835 MHz
Medium parameters used: f = 835 MHz; σ = 0.89 mho/m; ε_r = 41.19; 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) = 2.50 mW/g

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.839 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 3.473 W/kg
SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.49 mW/g
Maximum value of SAR (measured) = 2.51 mW/g



0 dB = 2.50 mW/g = 7.96 dB mW/g

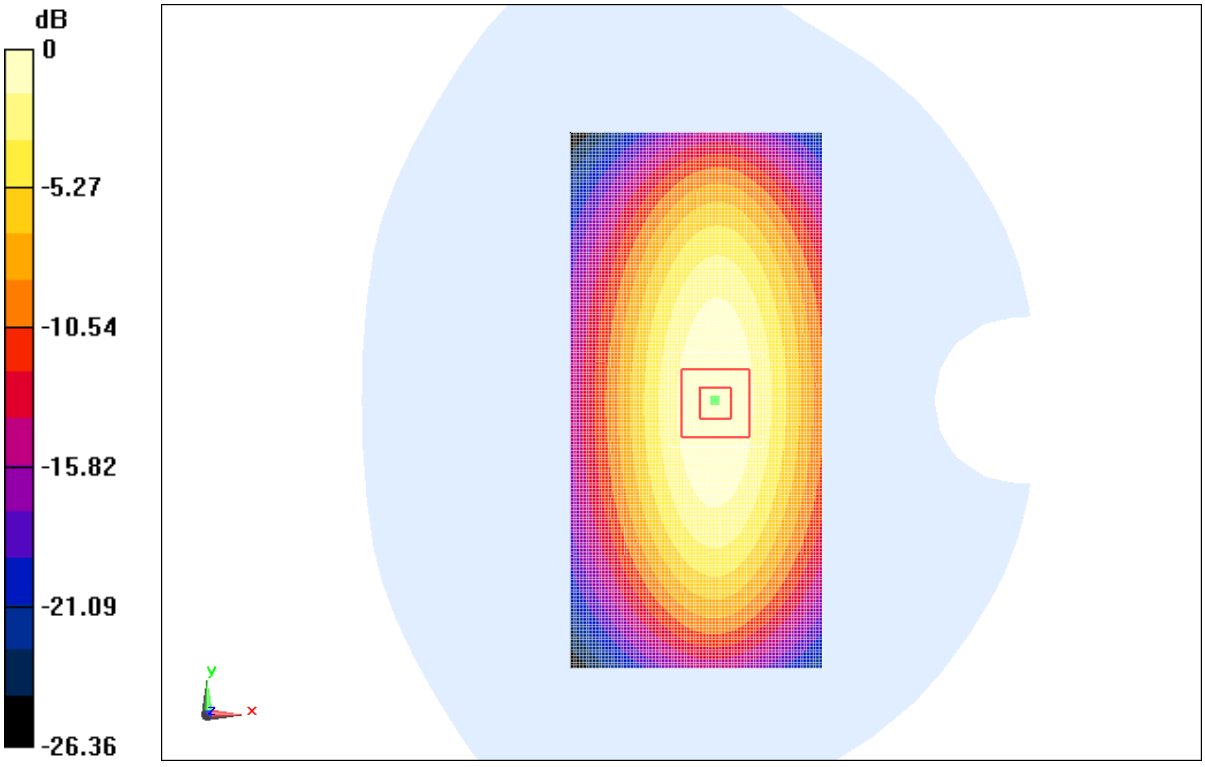
Fig.58 validation 835MHz 250mW

835MHz

Date: 2012-11-26
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used: f = 835 MHz; σ = 0.988 mho/m; ε_r = 54.25; 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) = 2.57 mW/g

System Validation /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 47.846 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.562 W/kg
SAR(1 g) = 2.36 mW/g; SAR(10 g) = 1.52 mW/g
Maximum value of SAR (measured) = 2.57 mW/g



0 dB = 2.57 mW/g = 8.20 dB mW/g

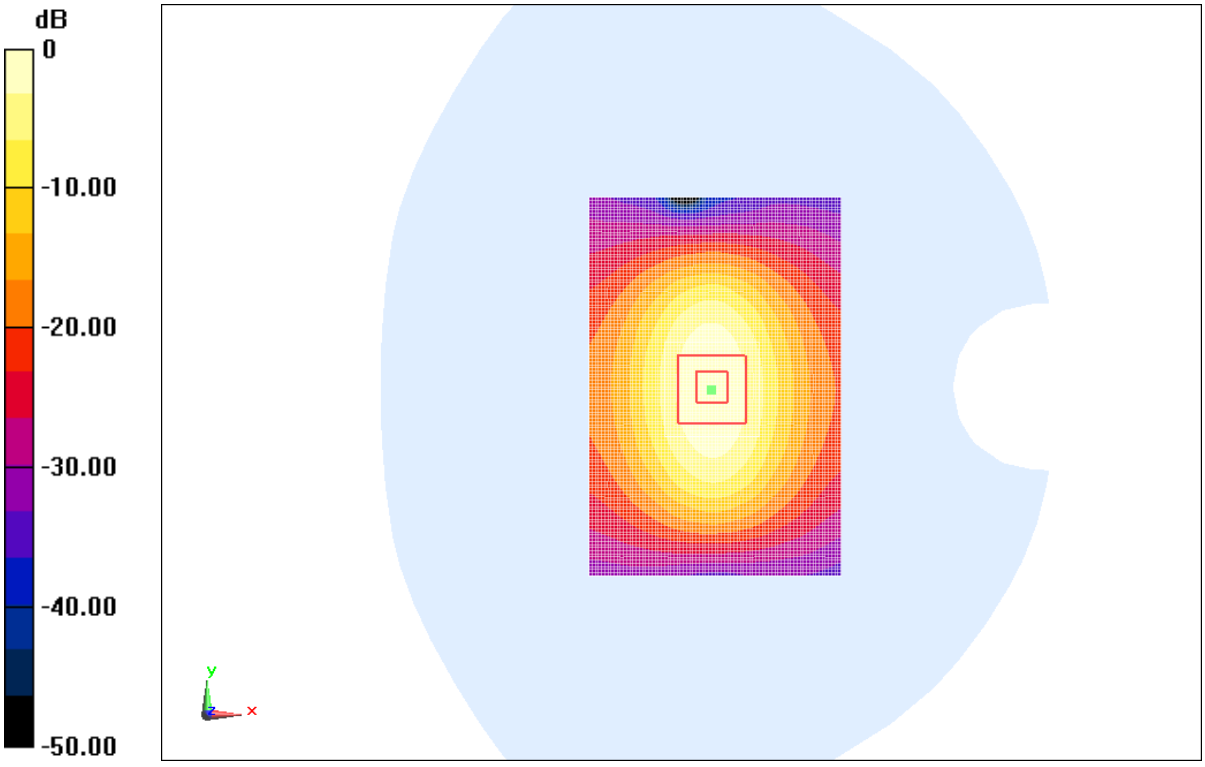
Fig.59 validation 835MHz 250mW

1900MHz

Date: 2012-11-23
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.389 mho/m; ε_r = 40.73; ρ = 1000 kg/m^3
Ambient Temperature: 22.3°C Liquid Temperature: 21.8°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) = 10.9 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.418 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 17.575 W/kg
SAR(1 g) = 9.63 mW/g; SAR(10 g) = 4.96 mW/g
Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.9 mW/g = 20.75 dB mW/g

Fig.60 validation 1900MHz 250mW