850 Right Cheek Low

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Head 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.88 mho/m; εr = 41.485; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.30042
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) = 0.262 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.854 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.311 mW/g
SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.262 mW/g

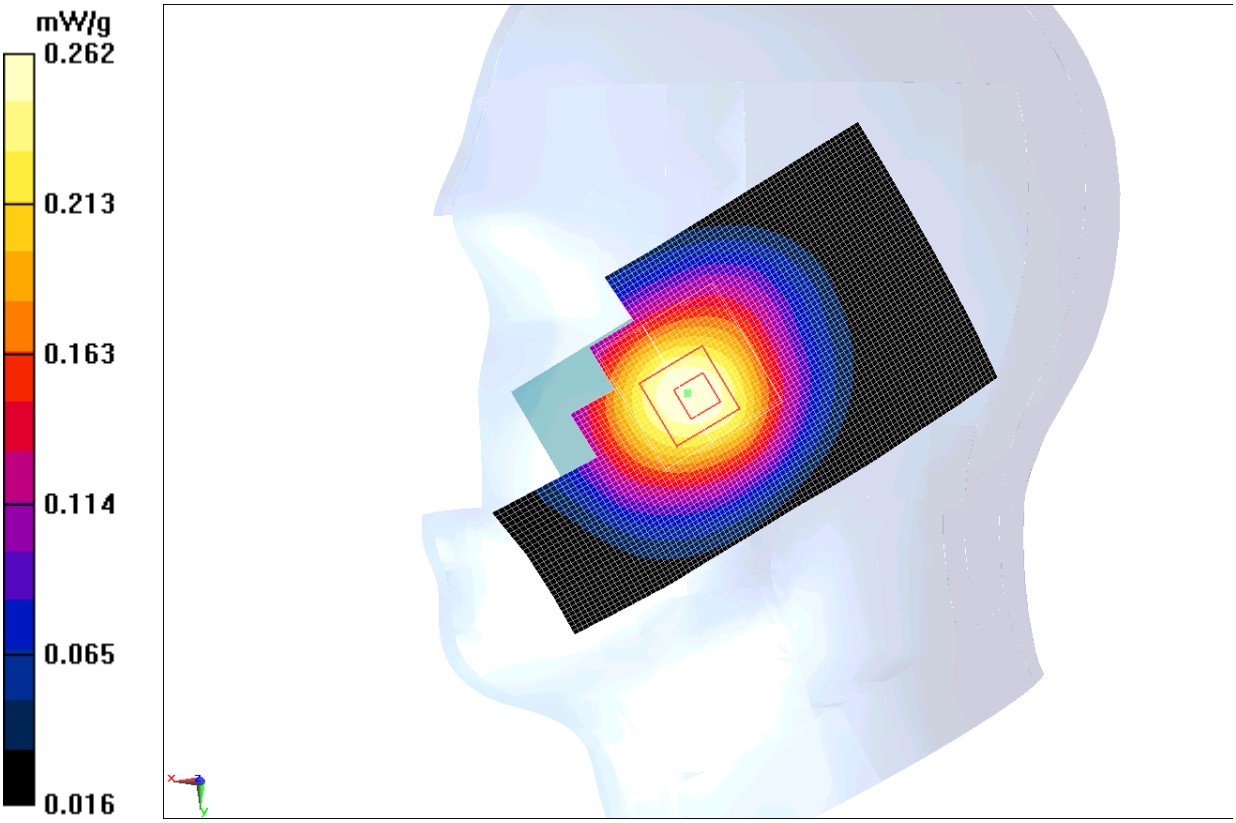


Fig. 9 850 MHz CH128

850 Right Tilt High

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Head 835 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.903 mho/m; εr = 41.188; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
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) = 0.254 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.211 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.292 mW/g
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.247 mW/g

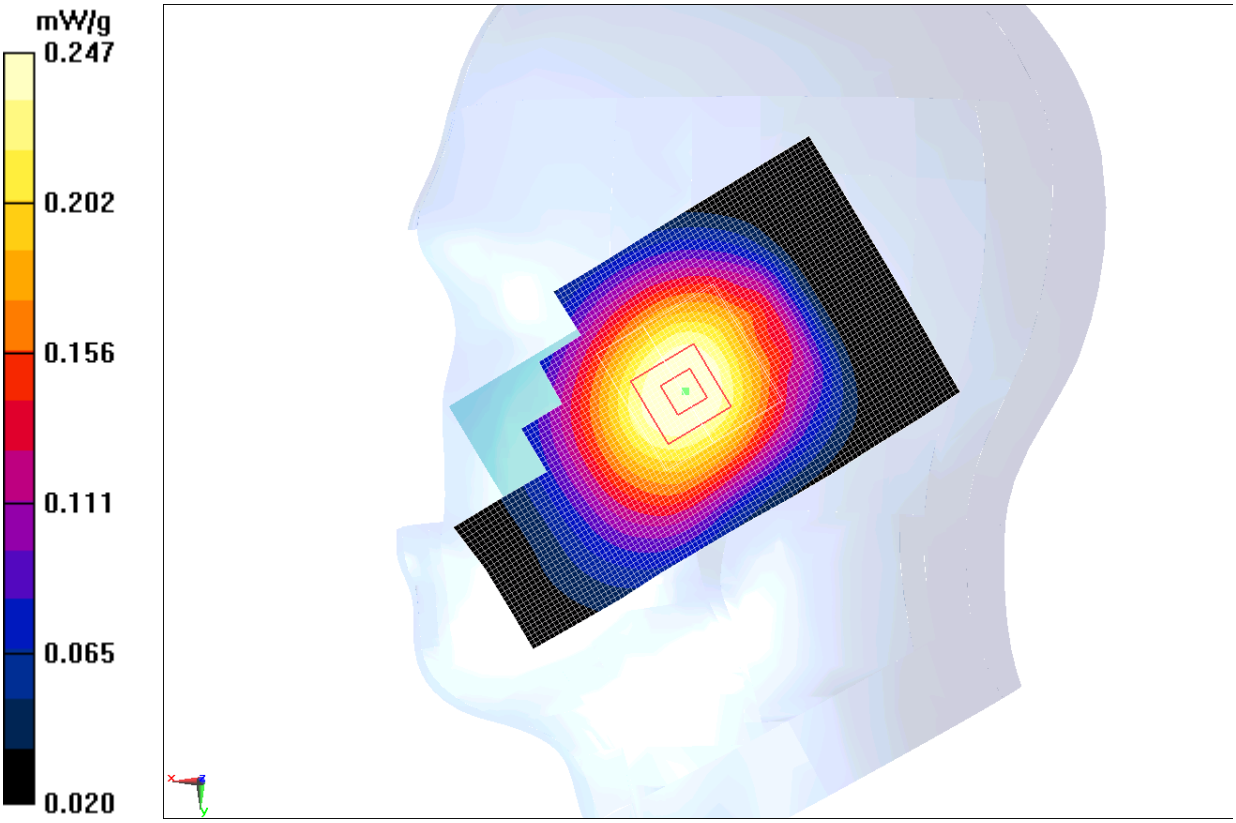


Fig.10 850 MHz CH251

850 Right Tilt Middle

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Head 835 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.891 mho/m; εr = 41.345; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
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) = 0.221 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.630 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.253 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.217 mW/g

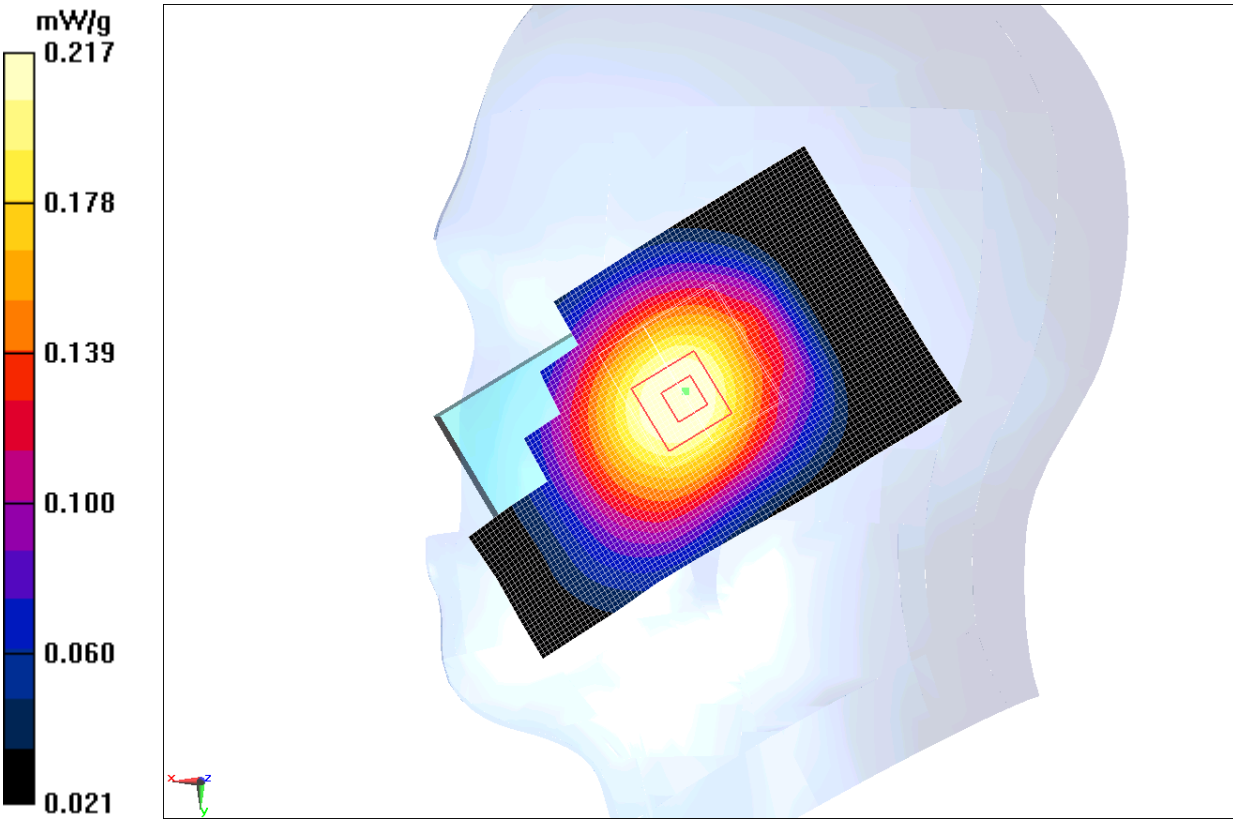


Fig.11 850 MHz CH190

850 Right Tilt Low
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Head 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.88 mho/m; εr = 41.485; ρ = 1000 kg/m^3
Ambient Temperature: 22.4^{o}C Liquid Temperature: 22.0^{o}C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
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) = 0.174 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.760 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.199 mW/g
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.172 mW/g

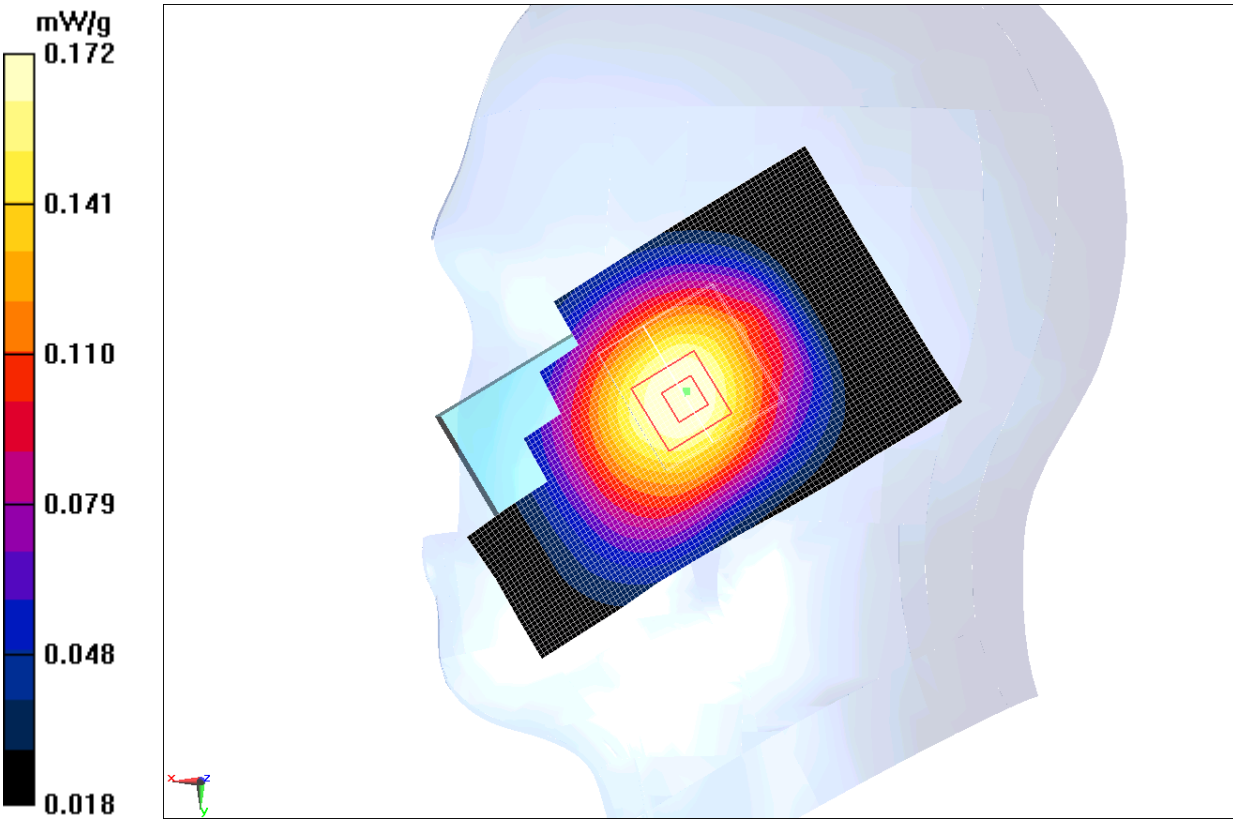


Fig. 12 850 MHz CH128

850 Body Toward Phantom Low
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.993 mho/m; εr = 53.934; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
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) = 0.692 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.619 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.820 mW/g
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.674 mW/g

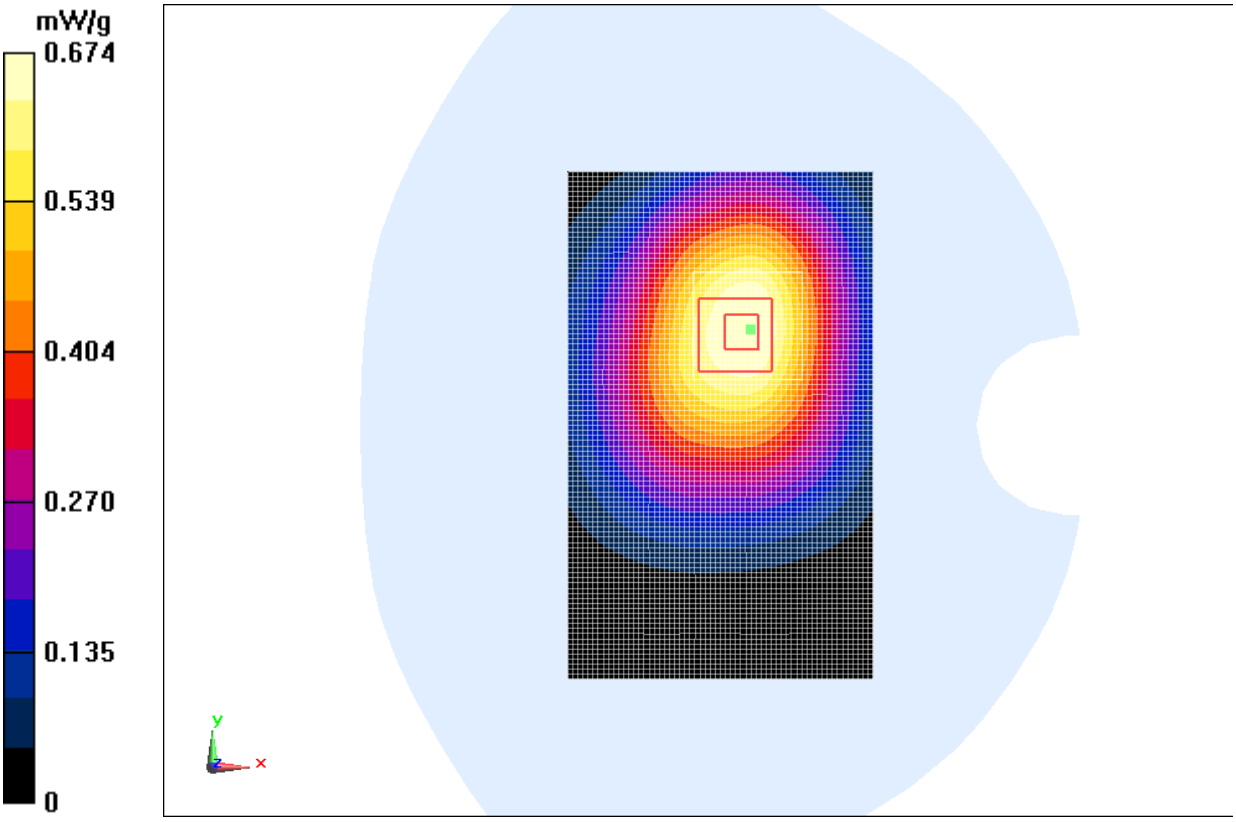


Fig. 13 850 MHz CH128

850 Body Toward Ground High

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.019 mho/m; εr = 53.691; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:4
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) = 0.995 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.041 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.244 mW/g
SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.649 mW/g
Maximum value of SAR (measured) = 0.983 mW/g

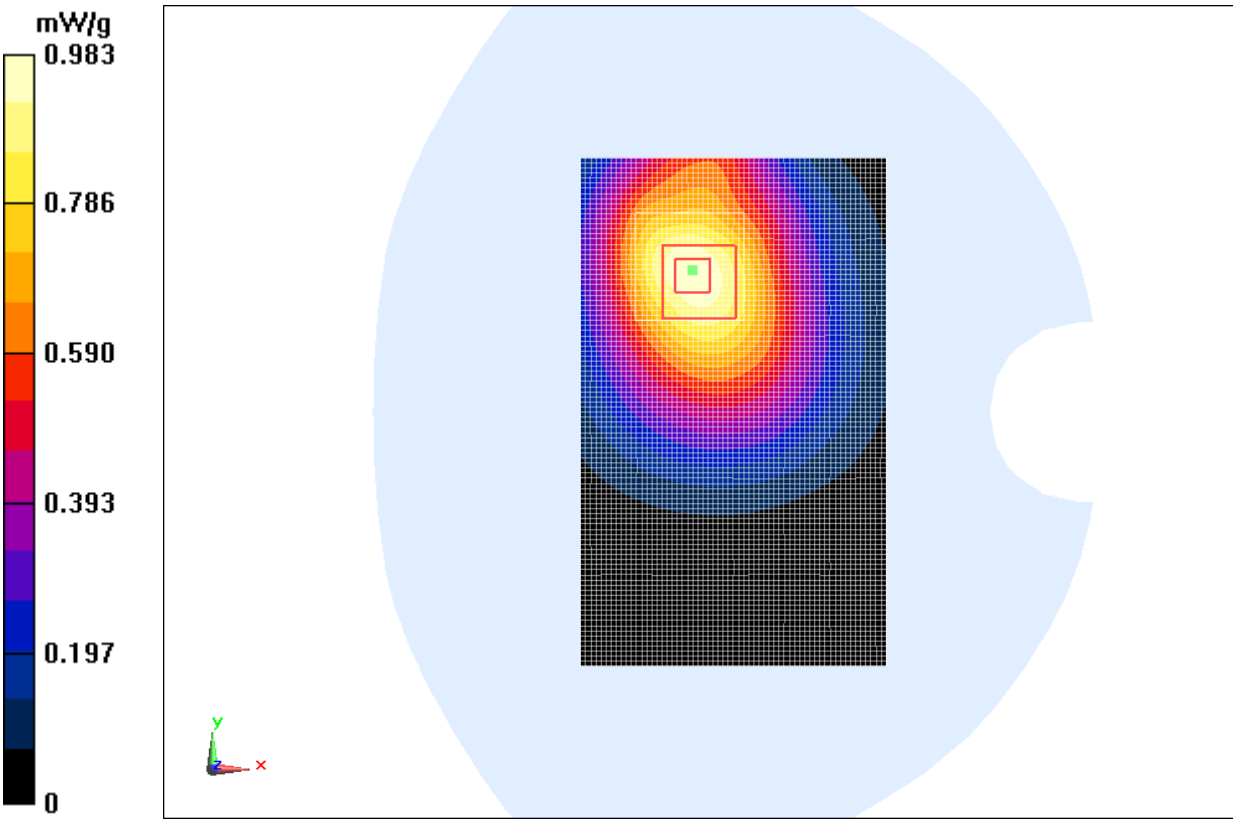


Fig. 14 850 MHz CH251

850 Body Toward Ground Middle

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.006 mho/m; εr = 53.807; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4
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) = 1.14 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.744 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.417 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.752 mW/g
Maximum value of SAR (measured) = 1.12 mW/g

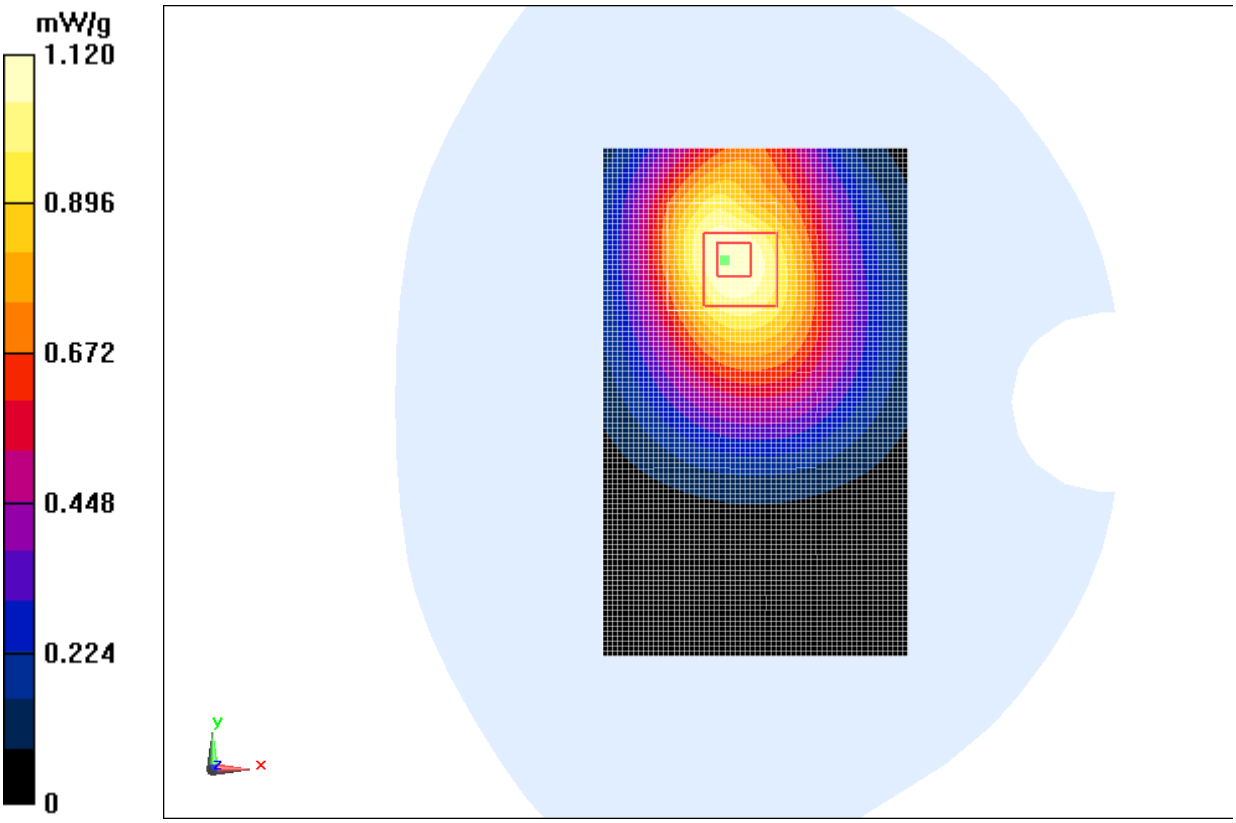


Fig. 15 850 MHz CH190

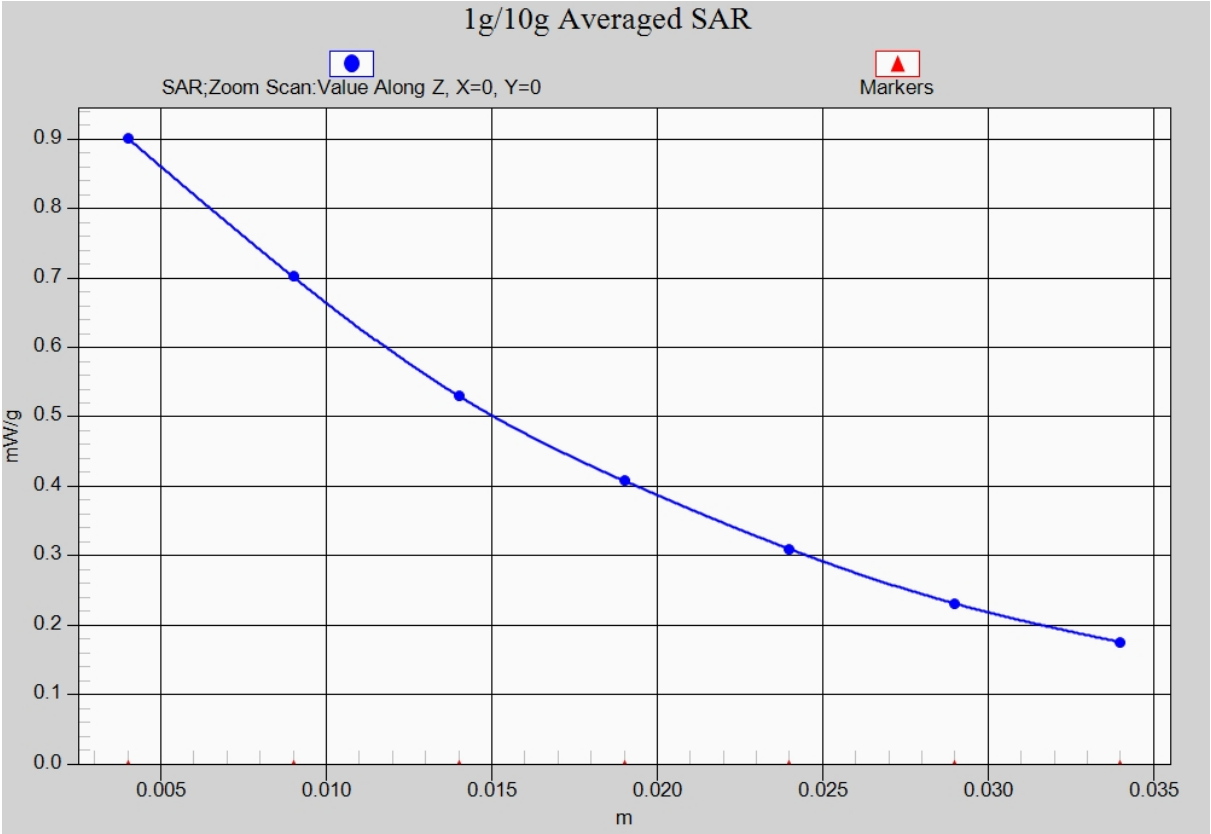


Fig. 15-1 Z-Scan at power reference point (850 MHz CH190)

850 Body Toward Ground Low

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.993 mho/m; εr = 53.934; ρ = 1000 kg/m^3
Ambient Temperature: 22.4^{o}C Liquid Temperature: 22.0^{o}C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
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) = 1.06 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.083 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.325 mW/g
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 1.03 mW/g

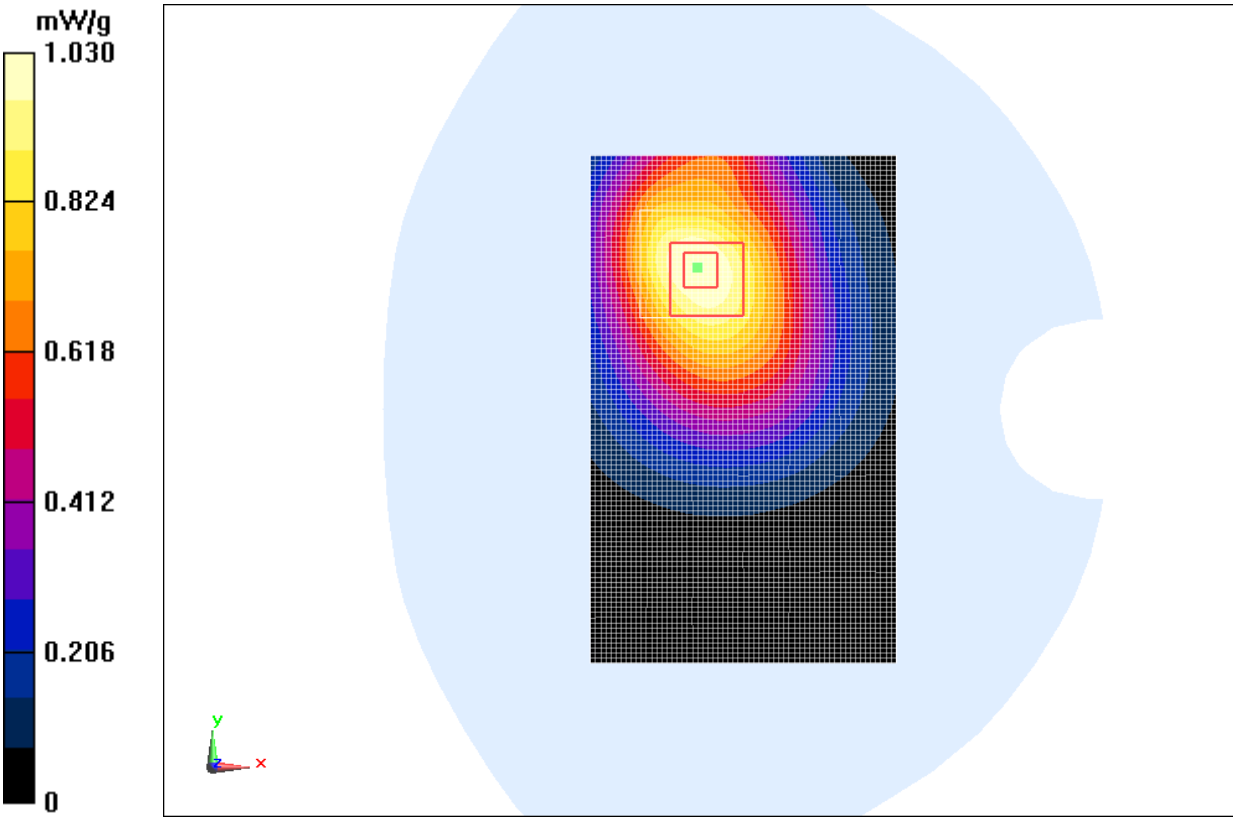


Fig. 16 850 MHz CH128

850 Body Left Side Low
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.993 mho/m; εr = 53.934; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Left Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.533 mW/g

Left Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.286 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.699 mW/g
SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.330 mW/g
Maximum value of SAR (measured) = 0.529 mW/g

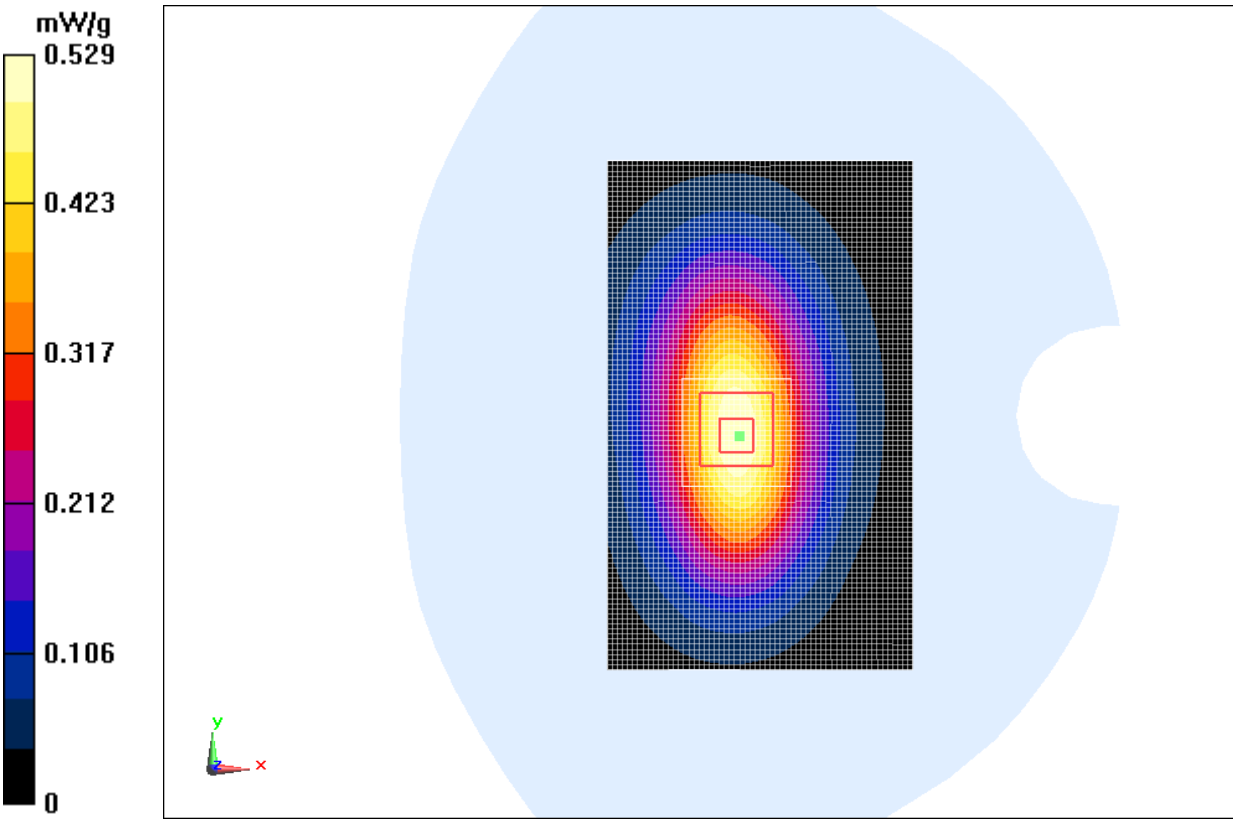


Fig. 17 850 MHz CH128

850 Body Right Side Low
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.993 mho/m; εr = 53.934; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Right Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.666 mW/g

Right Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.009 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.858 mW/g
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 0.657 mW/g

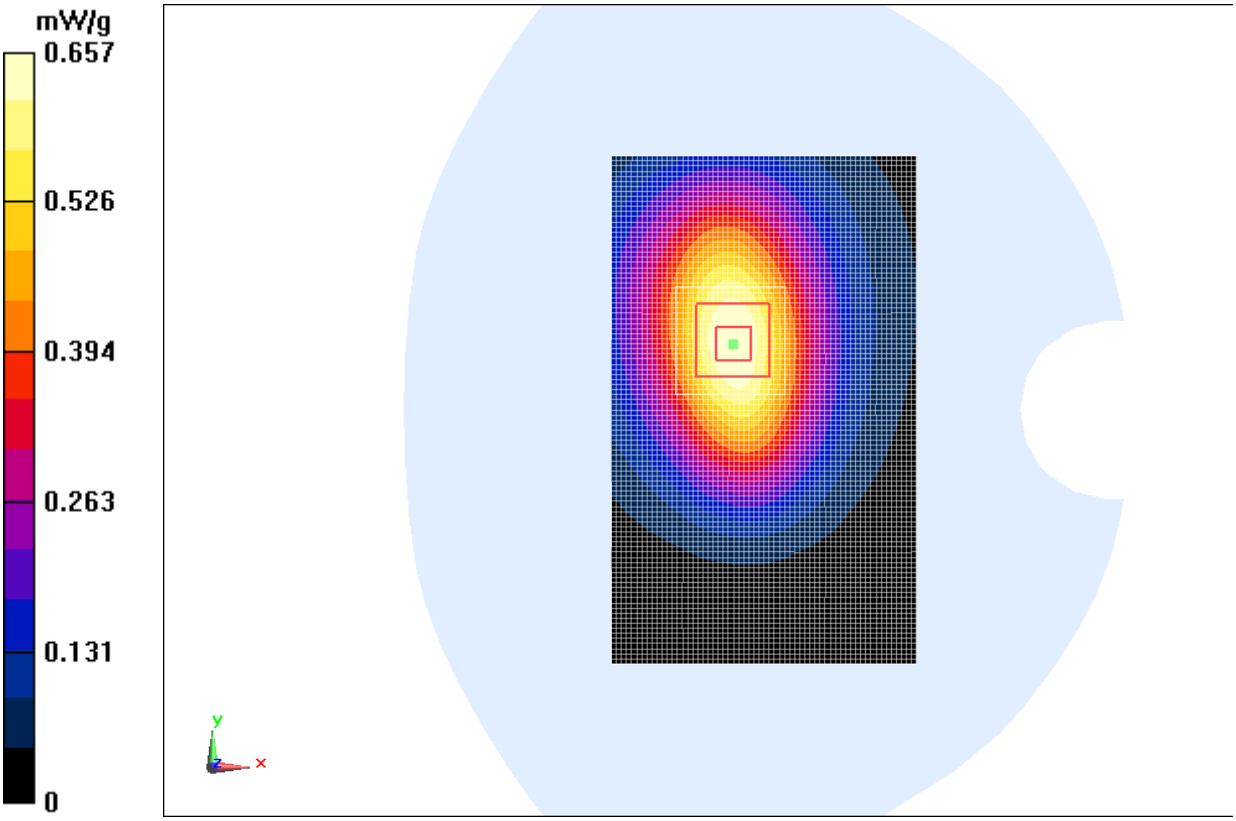


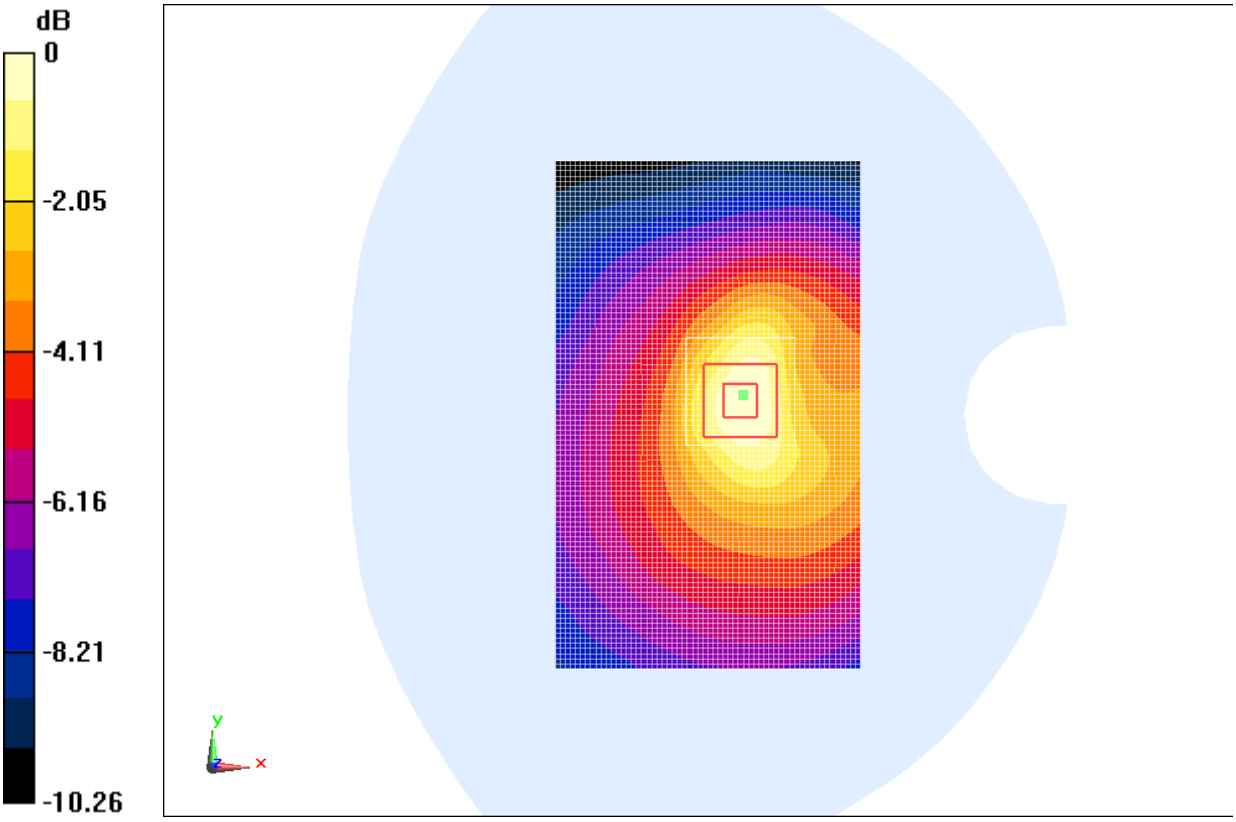
Fig. 18 850 MHz CH128

850 Body Bottom Side Low

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used: f = 825 MHz; σ = 0.993 mho/m; εr = 53.934; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:4
Probe: ES3DV3 - SN3149 ConvF(6.14, 6.14, 6.14)

Bottom Side Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0788 mW/g

Bottom Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.156 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.0827 mW/g



0 dB = 0.0788 mW/g = -22.07 dB mW/g

Fig. 19 850 MHz CH128

850 Body Toward Ground Middle with EGPRS

Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.006 mho/m; εr = 53.807; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 EGPRS Frequency: 836.6 MHz Duty Cycle: 1:4
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) = 1.08 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.708 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.363 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.711 mW/g
Maximum value of SAR (measured) = 1.08 mW/g

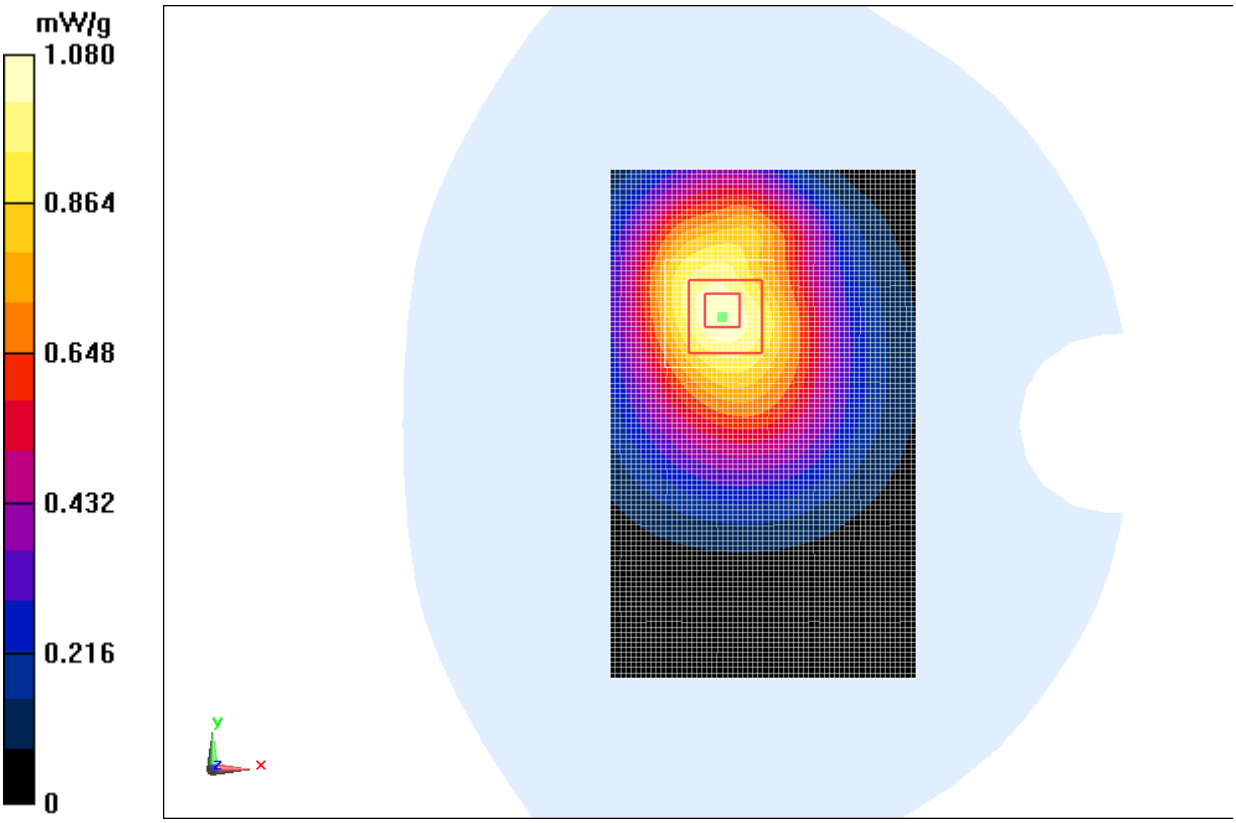


Fig. 20 850 MHz CH190

850 Body Toward Ground Middle with Headset CCB3000A12C1
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.006 mho/m; εr = 53.807; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
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) = 0.520 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.082 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.657 mW/g
SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.517 mW/g

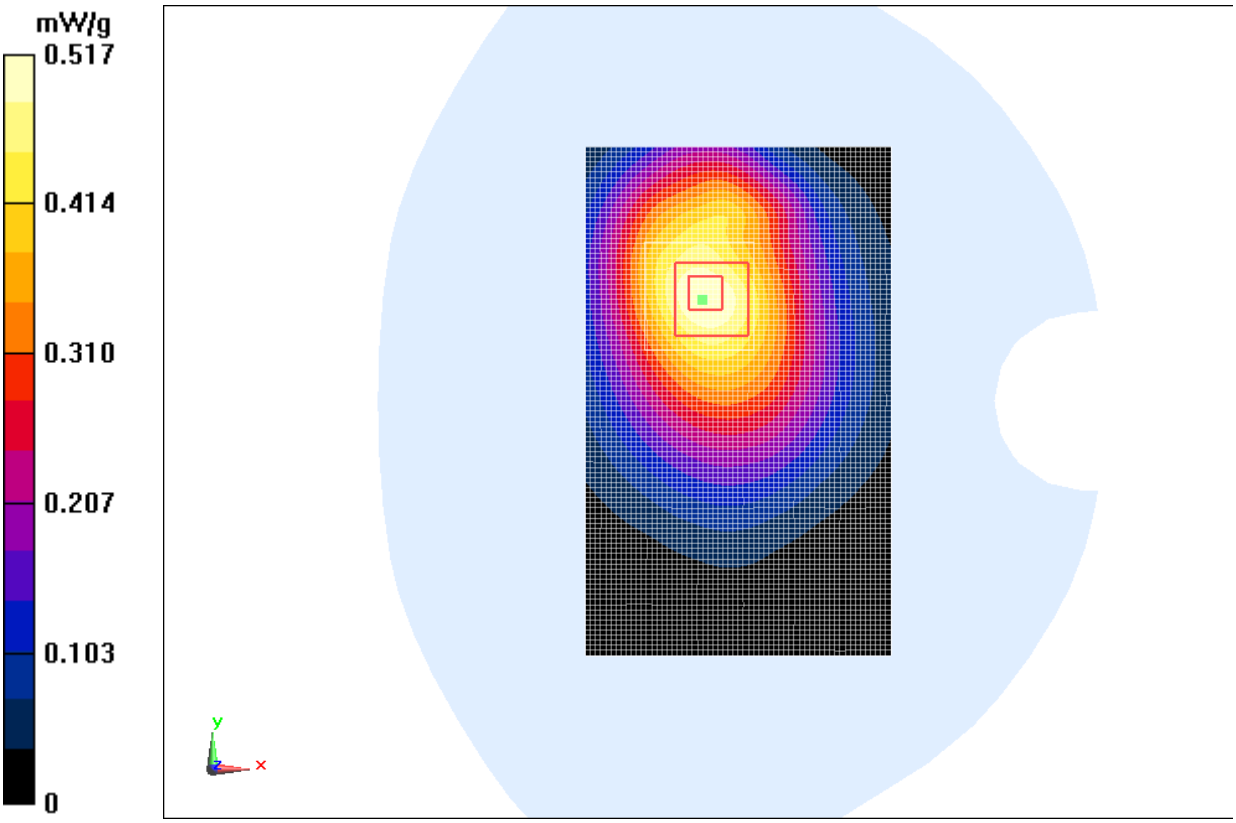


Fig. 21 850 MHz CH190

850 Body Toward Ground Middle with Headset CCB3000A12C2
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.006 mho/m; εr = 53.807; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
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) = 0.392 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.043 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.514 mW/g
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.246 mW/g
Maximum value of SAR (measured) = 0.382 mW/g

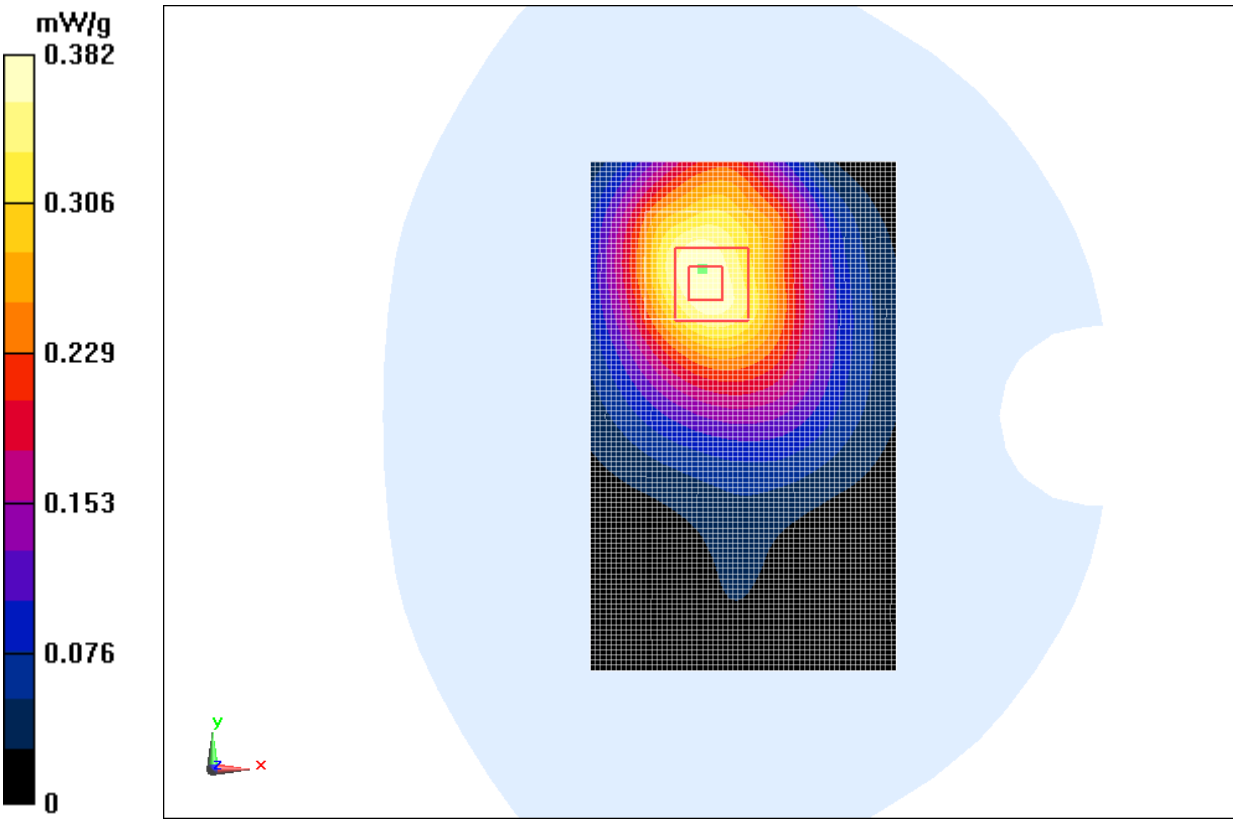


Fig. 22 850 MHz CH190

850 Body Toward Ground Middle with battery CAB31L0000C2
Date: 2012-7-18
Electronics: DAE4 Sn771
Medium: Body 835 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.006 mho/m; εr = 53.807; ρ = 1000 kg/m^3
Ambient Temperature: 22.4°C Liquid Temperature: 22.0°C
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:4
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) = 1.10 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.138 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.371 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.711 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

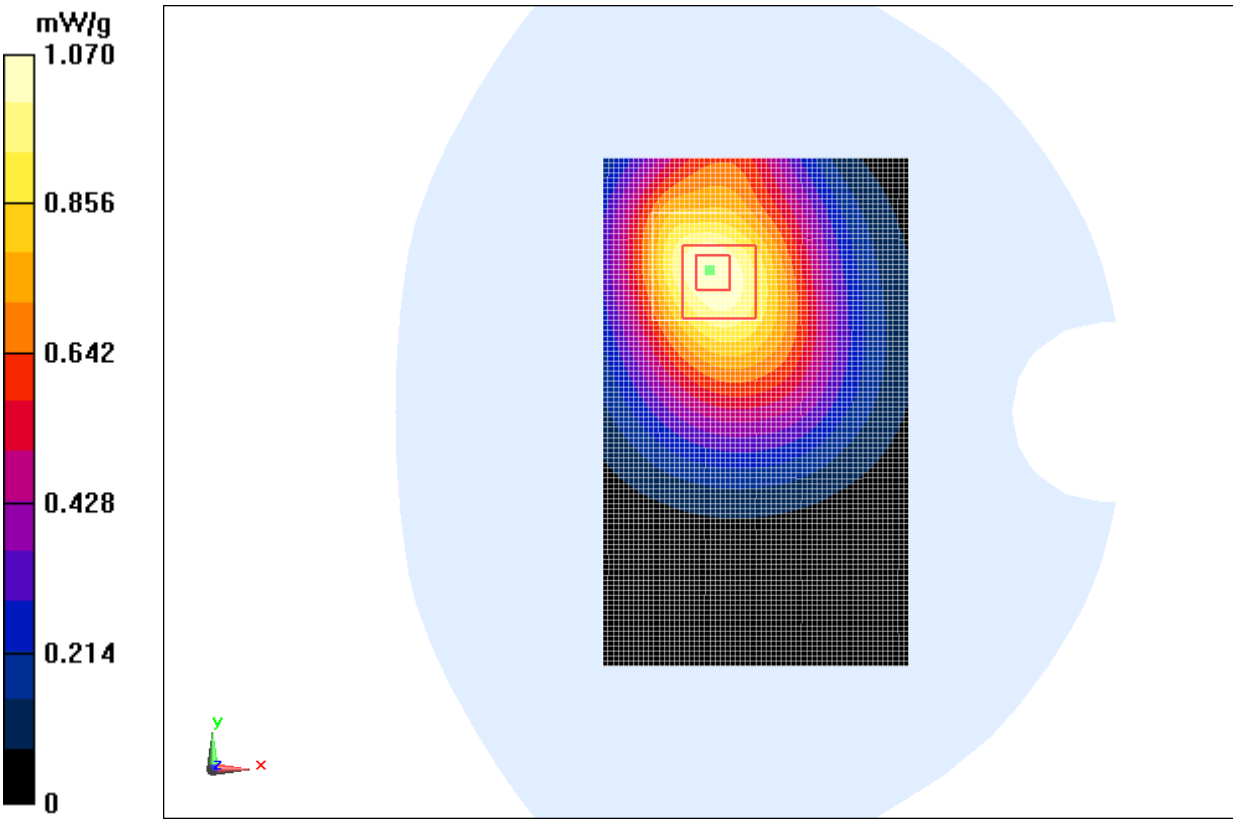


Fig. 23 850 MHz CH190

1900 Left Cheek High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.405 mho/m; εr = 41.786; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.954 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.083 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.261 mW/g
SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.918 mW/g

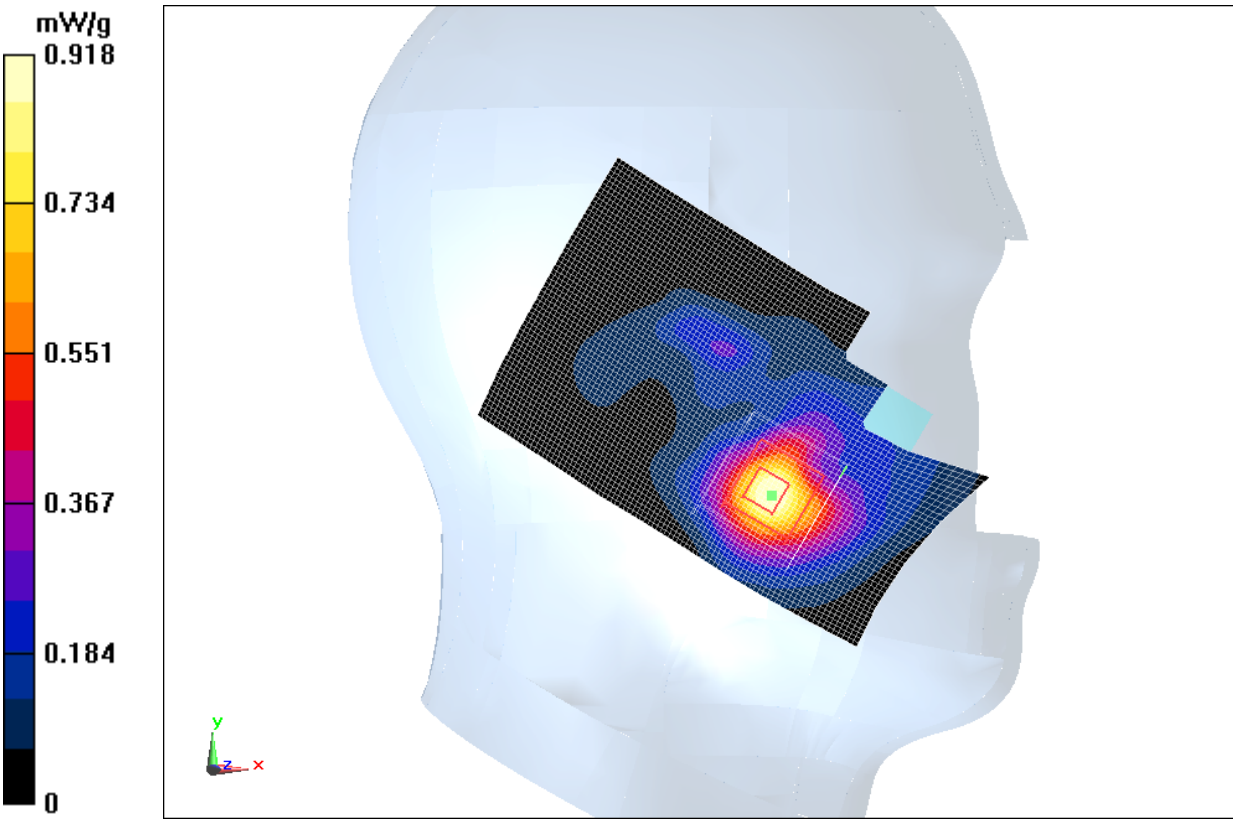


Fig. 24 1900 MHz CH810

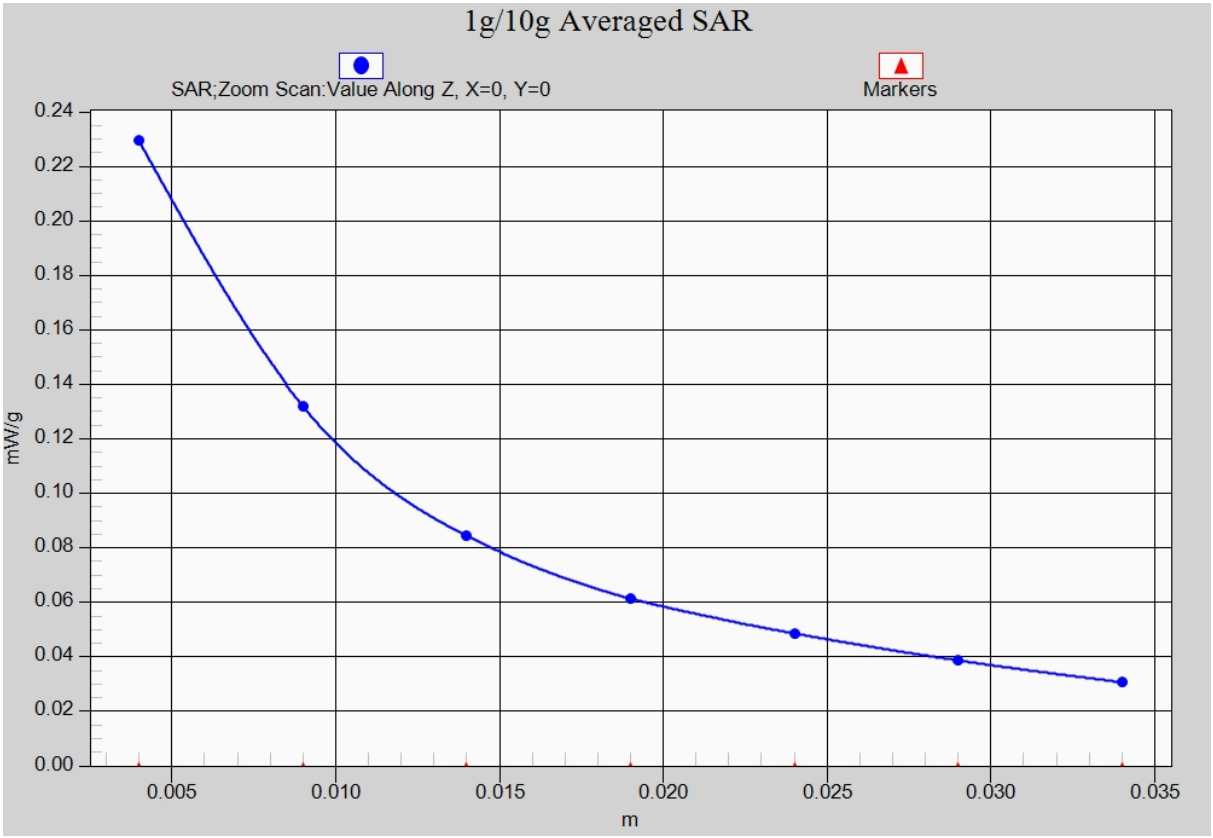


Fig. 24-1 Z-Scan at power reference point (1900 MHz CH810)

1900 Left Cheek Middle
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head GSM1900
Medium parameters used: f = 1880 MHz; σ = 1.377 mho/m; εr = 41.898; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.834 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.300 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.070 mW/g
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.809 mW/g

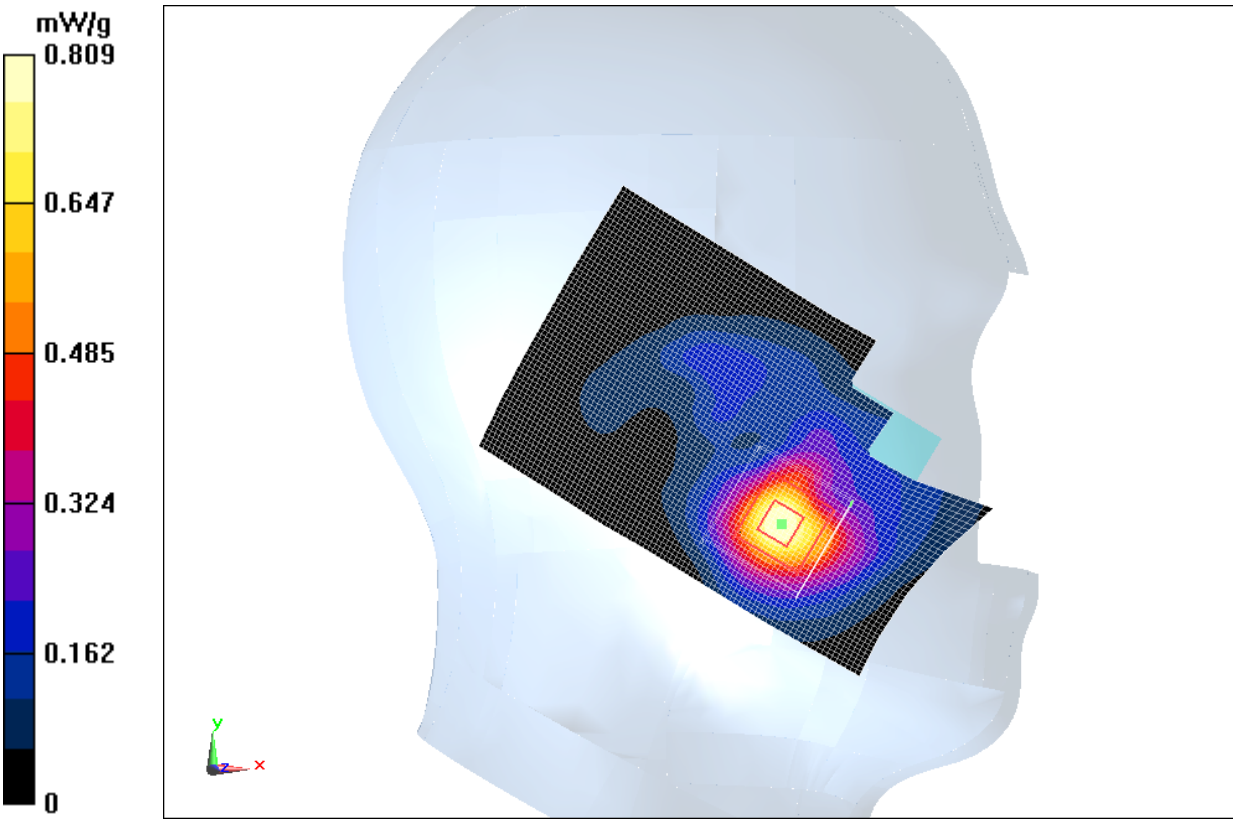


Fig. 25 1900 MHz CH661

1900 Left Cheek Low
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.347 mho/m; εr = 41.991; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.737 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.549 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.987 mW/g
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.388 mW/g
Maximum value of SAR (measured) = 0.741 mW/g

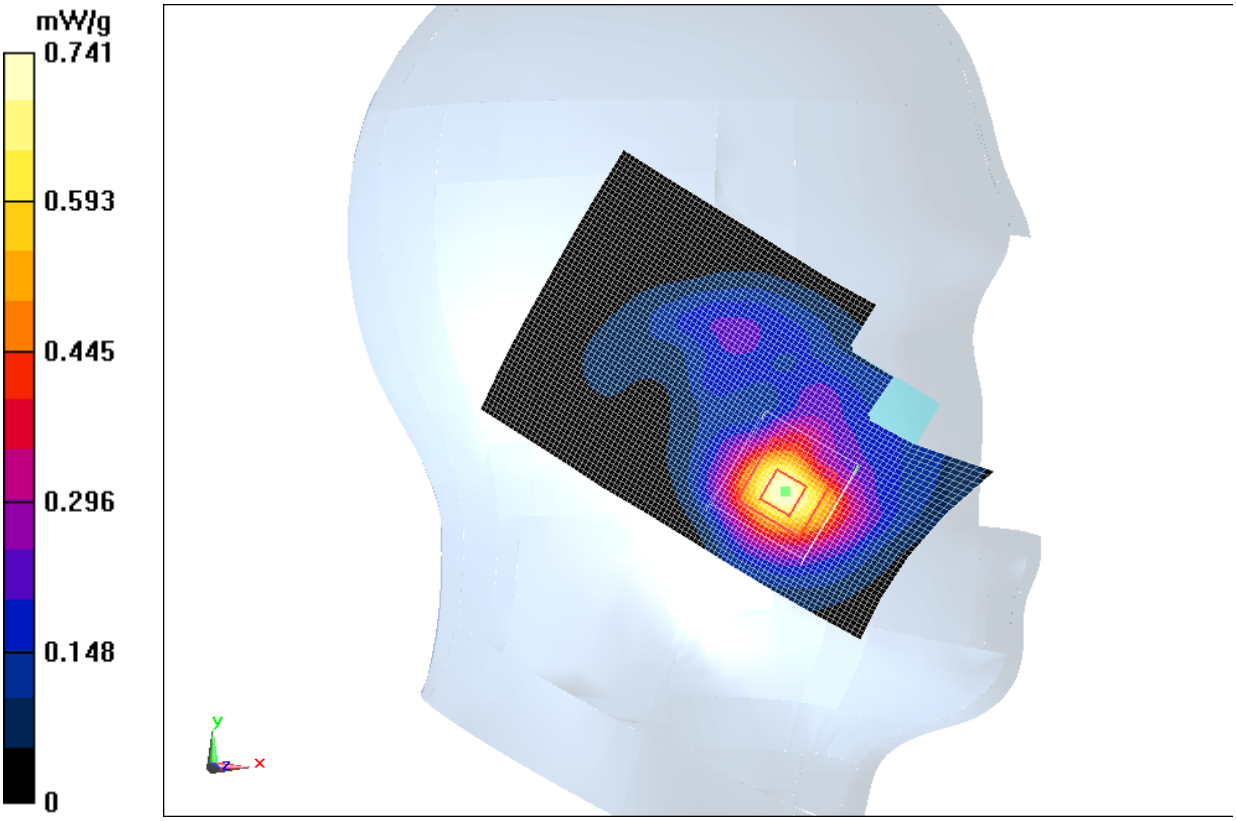


Fig. 26 1900 MHz CH512

1900 Left Tilt High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.405 mho/m; εr = 41.786; ρ = 1000 kg/m^3
Ambient Temperature: 22.3^{o}C Liquid Temperature: 21.8^{o}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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.151 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.816 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.217 mW/g
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.147 mW/g
Tilt High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.816 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.212 mW/g
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.139 mW/g

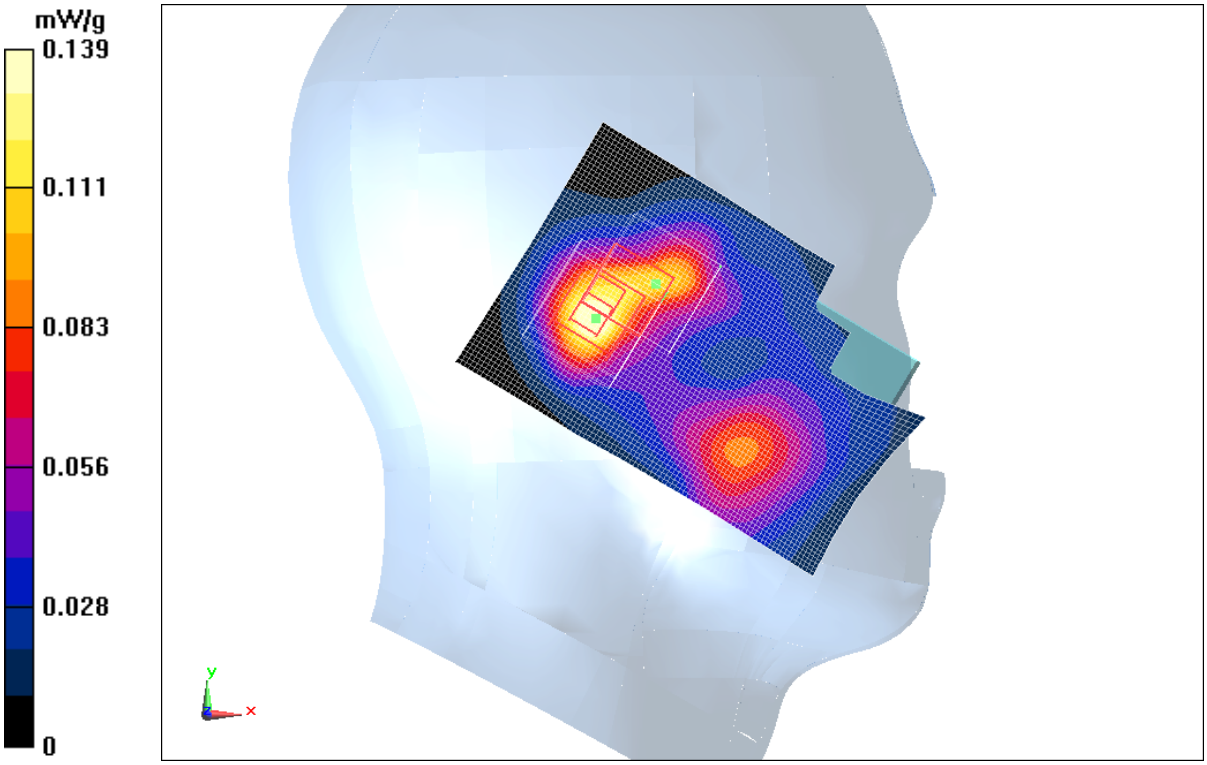


Fig. 27 1900 MHz CH810

1900 Left Tilt Middle
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.377 mho/m; εr = 41.898; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.563 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.222 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.153 mW/g

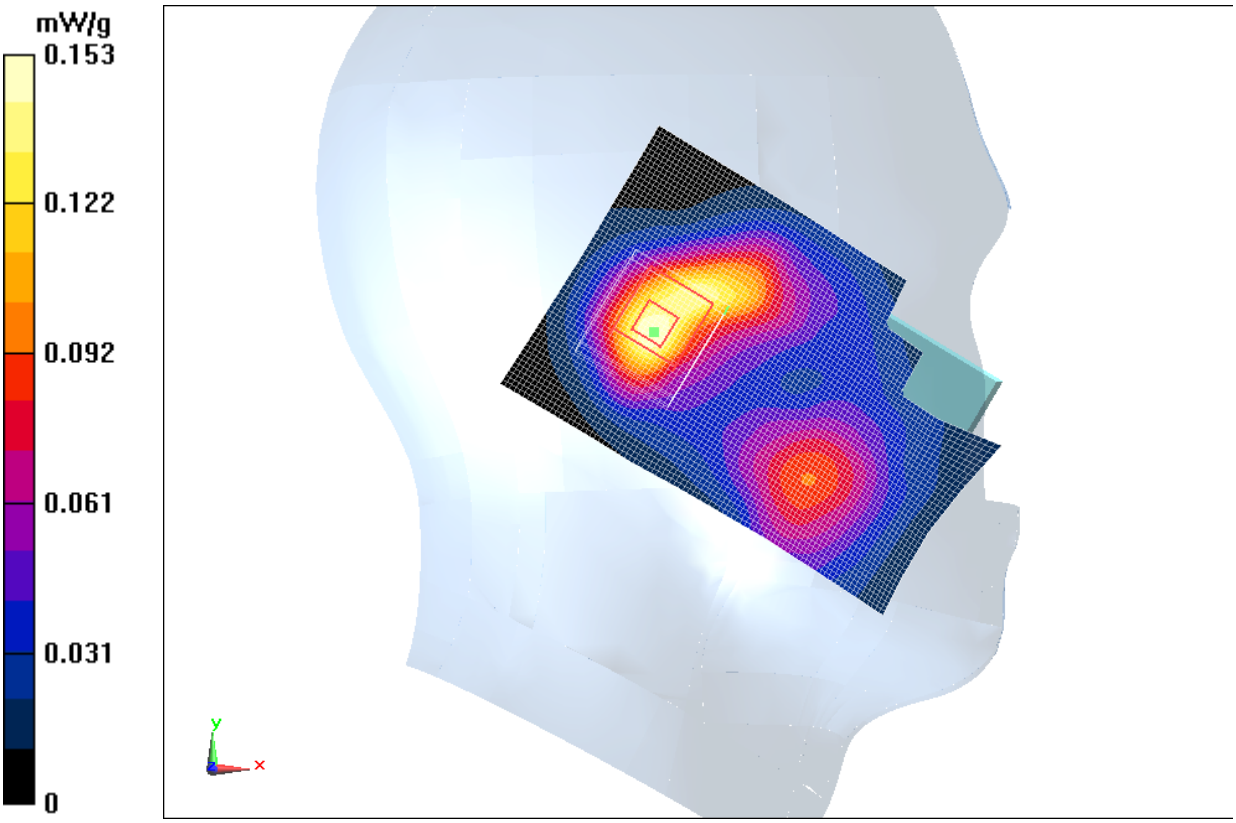


Fig. 28 1900 MHz CH661

1900 Left Tilt Low
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.347 mho/m; εr = 41.991; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.064 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.218 mW/g
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.147 mW/g

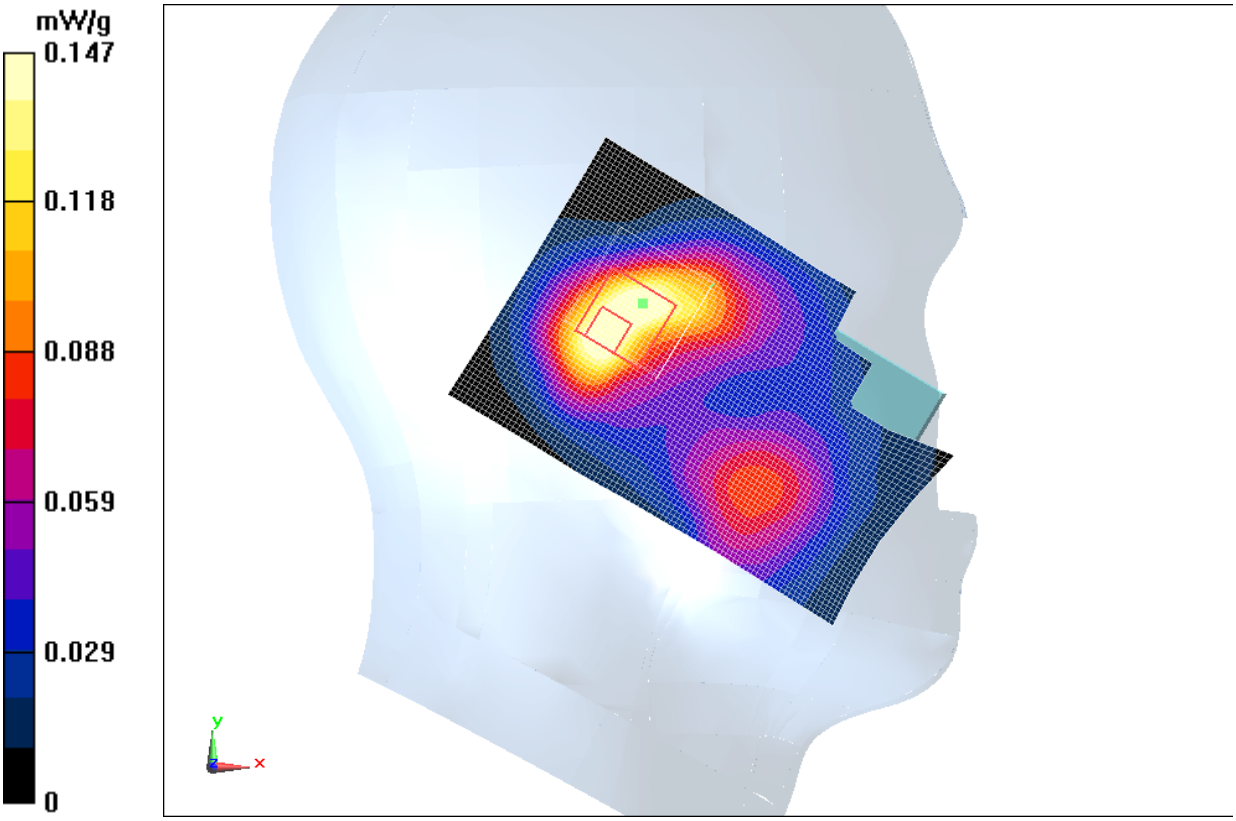


Fig. 29 1900 MHz CH512

1900 Right Cheek High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.405 mho/m; εr = 41.786; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.457 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.505 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.718 mW/g
SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.497 mW/g

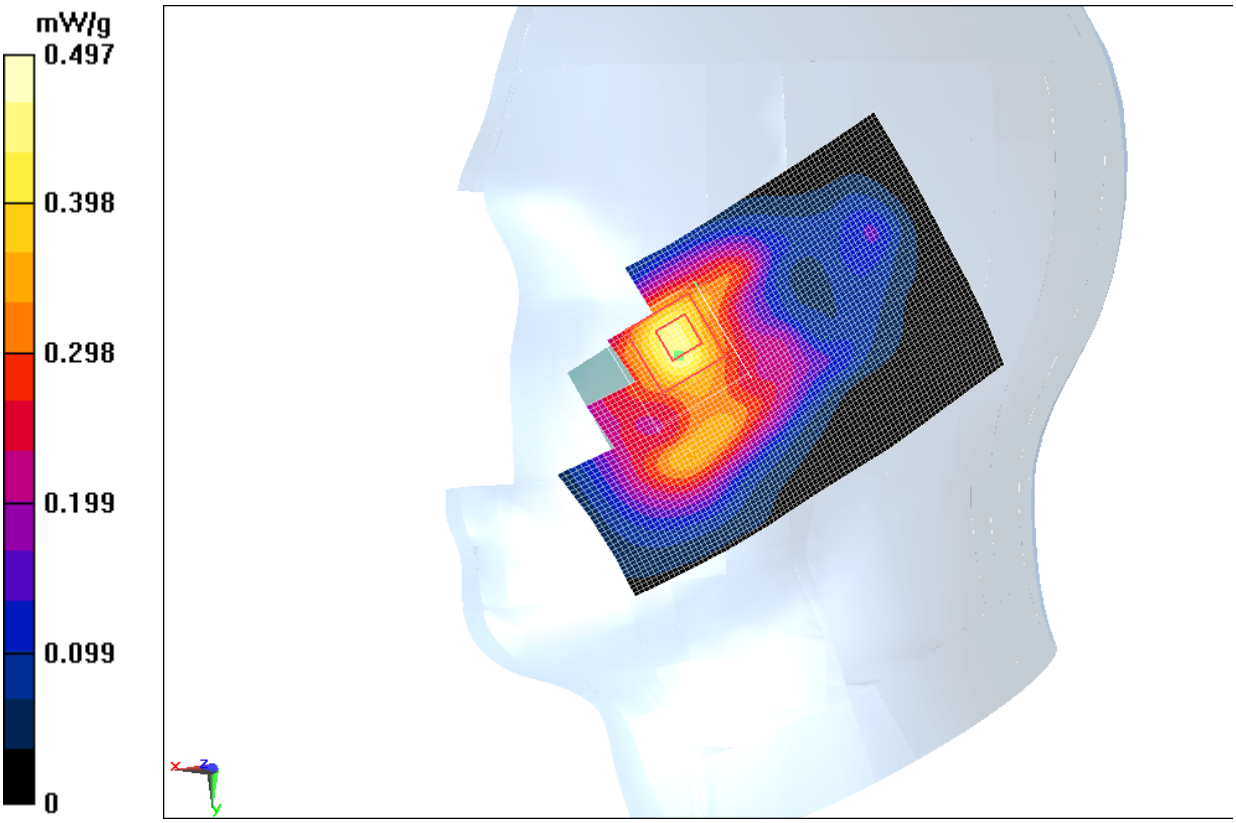


Fig. 30 1900 MHz CH810

1900 Right Cheek Middle
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.377 mho/m; εr = 41.898; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.625 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.584 mW/g
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.406 mW/g

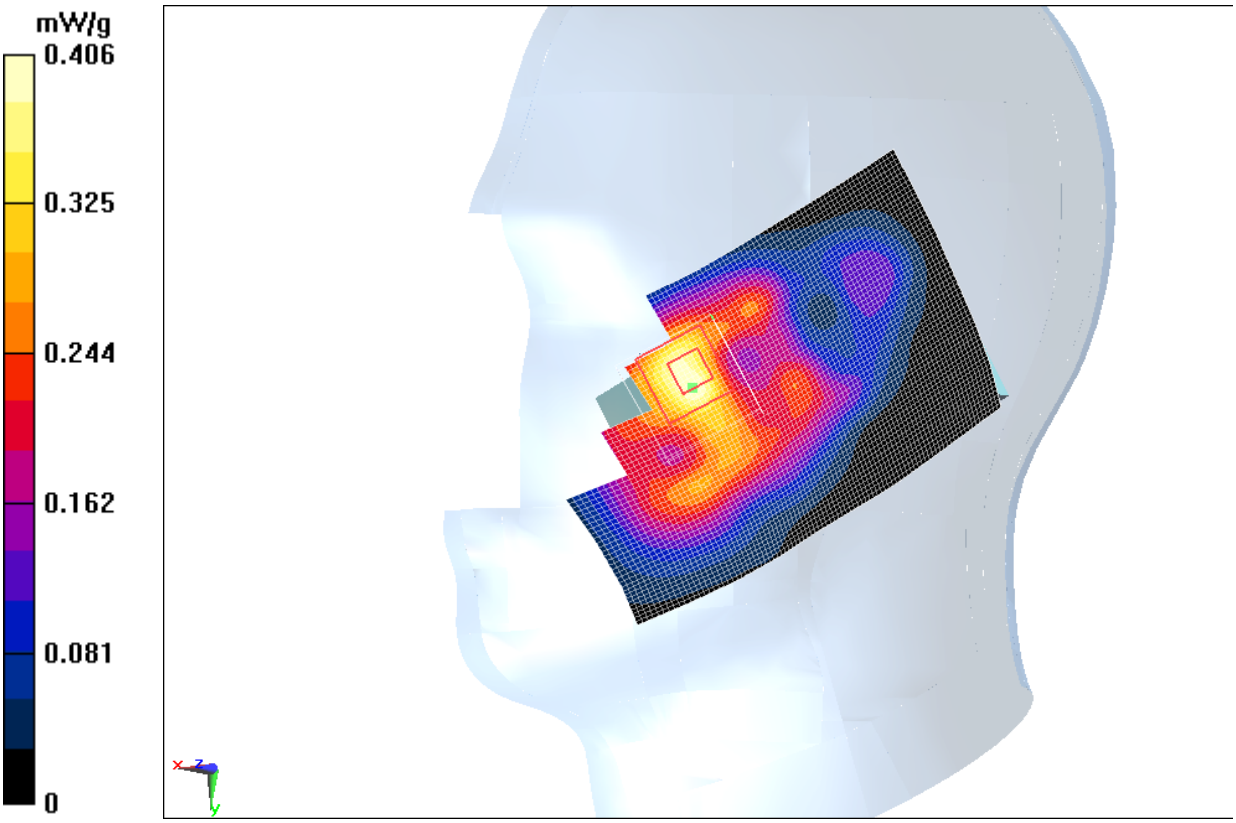


Fig. 31 1900 MHz CH661

1900 Right Cheek Low

Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.347 mho/m; εr = 41.991; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.384 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.667 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.533 mW/g
SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.388 mW/g

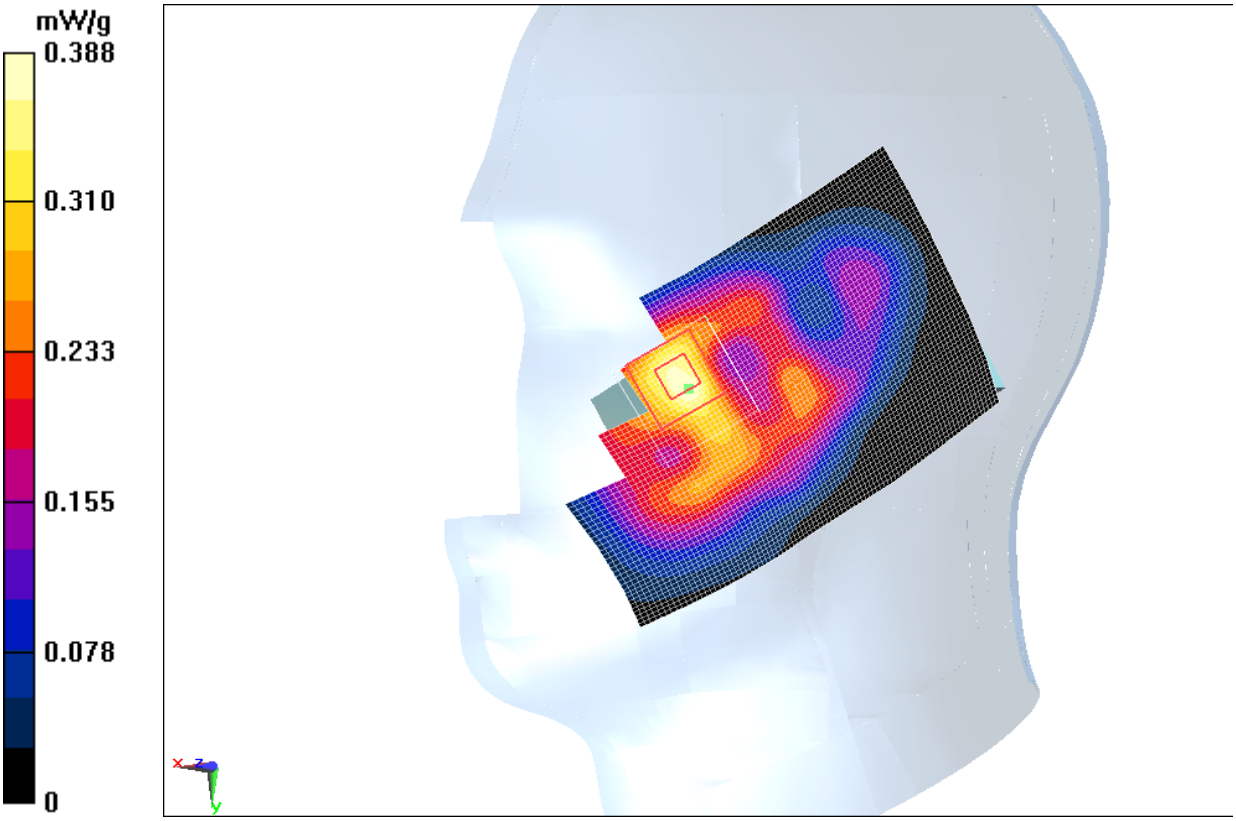


Fig. 32 1900 MHz CH512

1900 Right Tilt High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.405 mho/m; εr = 41.786; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.220 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.138 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.216 mW/g

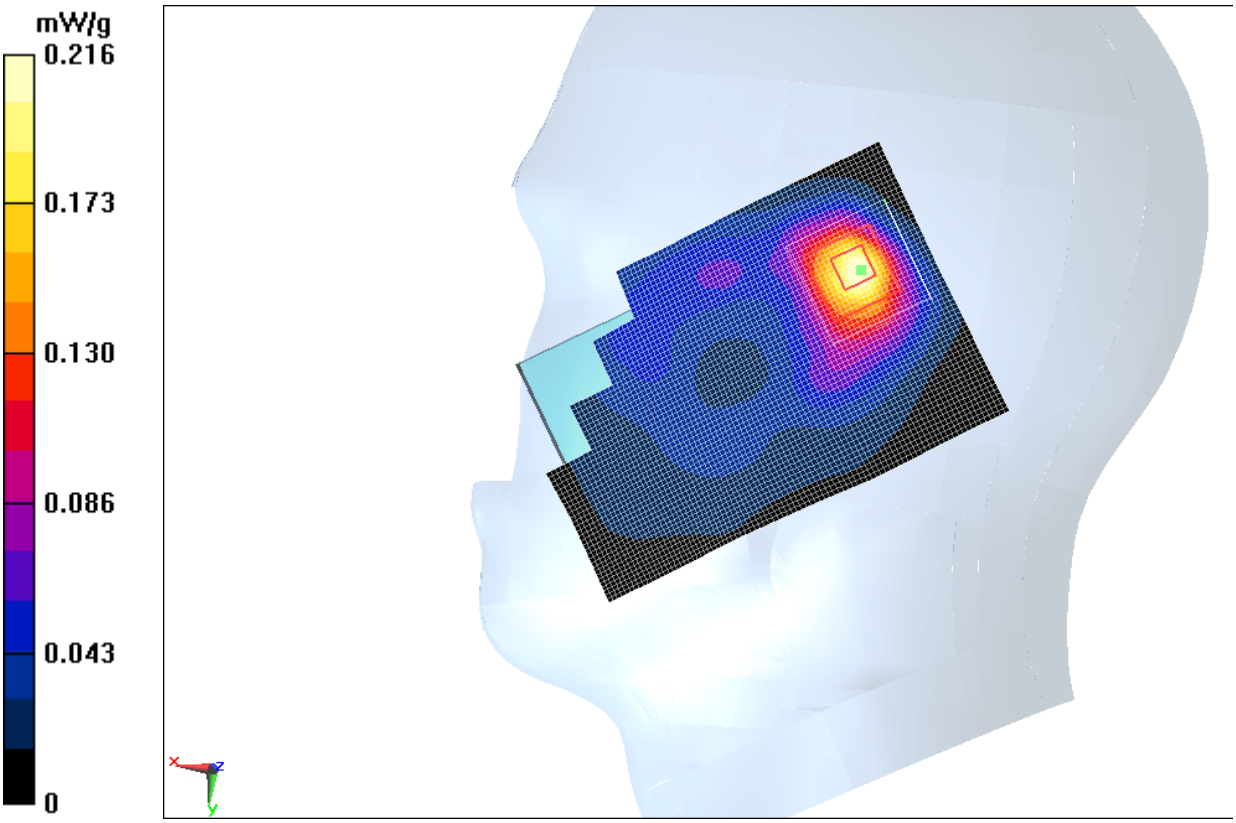


Fig. 33 1900 MHz CH810

1900 Right Tilt Middle
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.377 mho/m; εr = 41.898; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.217 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.552 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.332 mW/g
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.106 mW/g
Maximum value of SAR (measured) = 0.214 mW/g

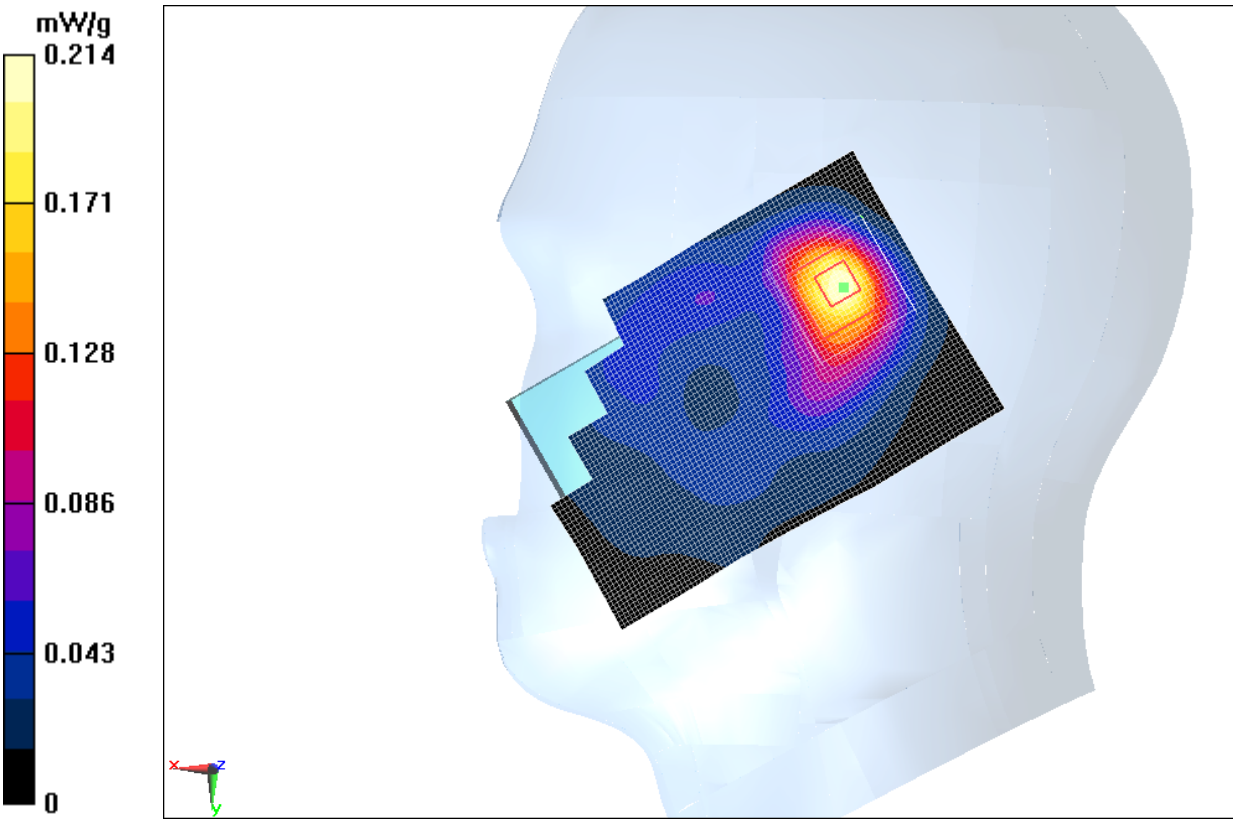


Fig.34 1900 MHz CH661

1900 Right Tilt Low
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.347 mho/m; εr = 41.991; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.239 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.710 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.232 mW/g

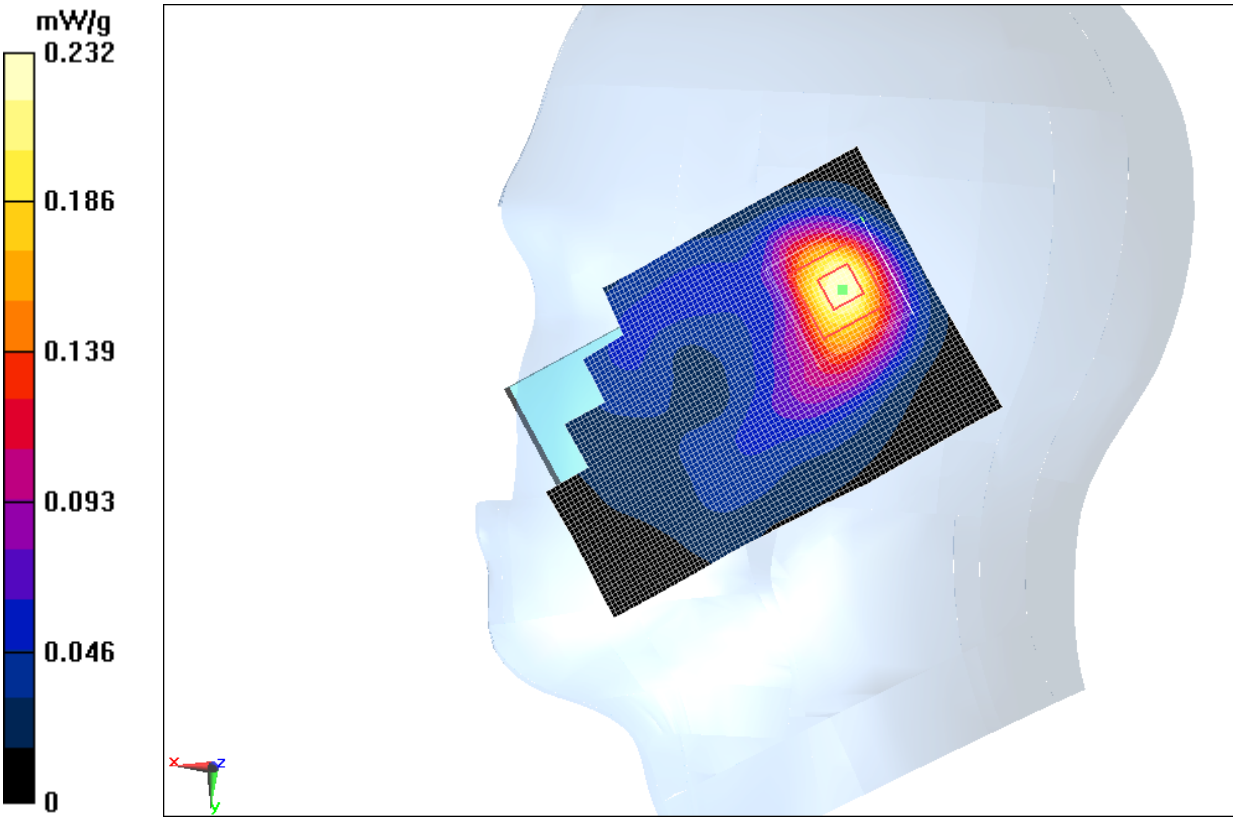


Fig. 35 1900 MHz CH512

1900 Left Cheek High with battery CAB31L0000C2
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.405 mho/m; εr = 41.786; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.790 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.486 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.123 mW/g
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.781 mW/g

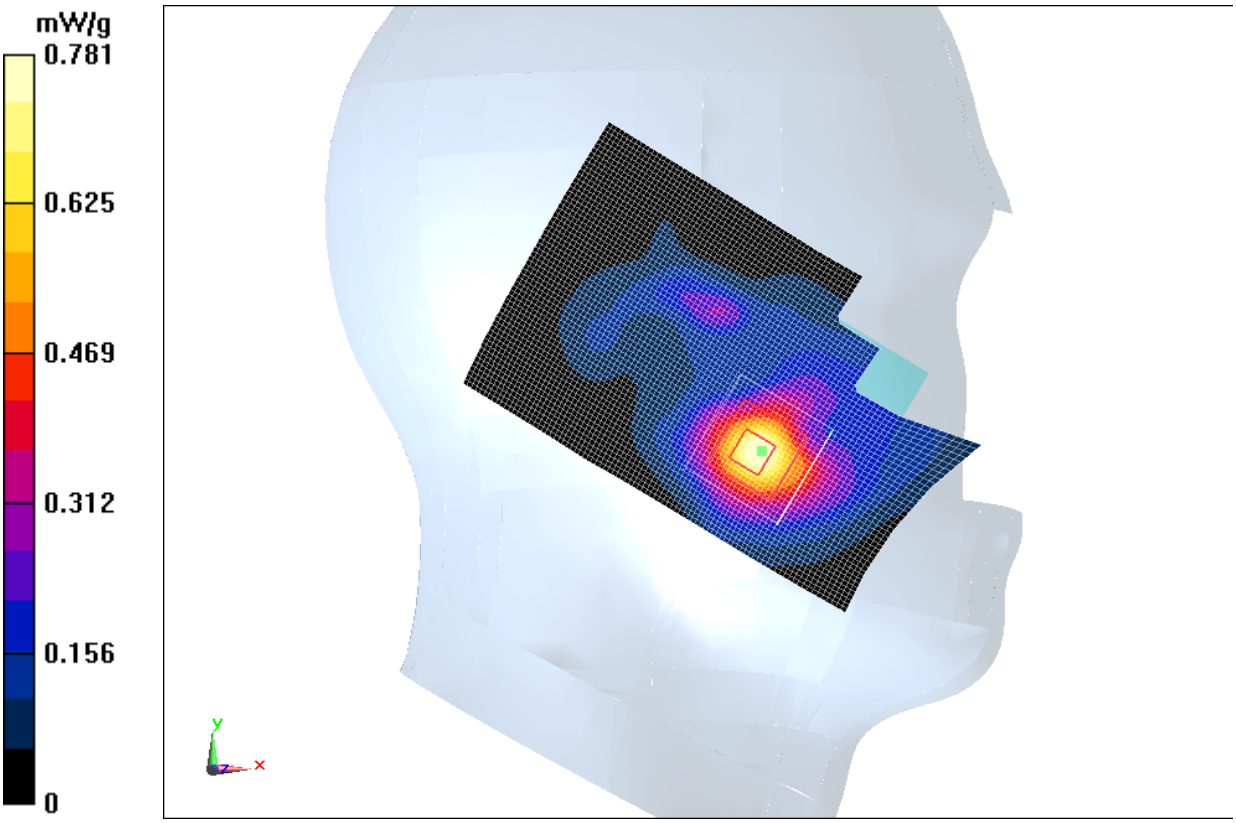


Fig. 36 1900 MHz CH810

1900 Body Toward Phantom High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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: 1:2
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.492 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.313 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.660 mW/g
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.466 mW/g

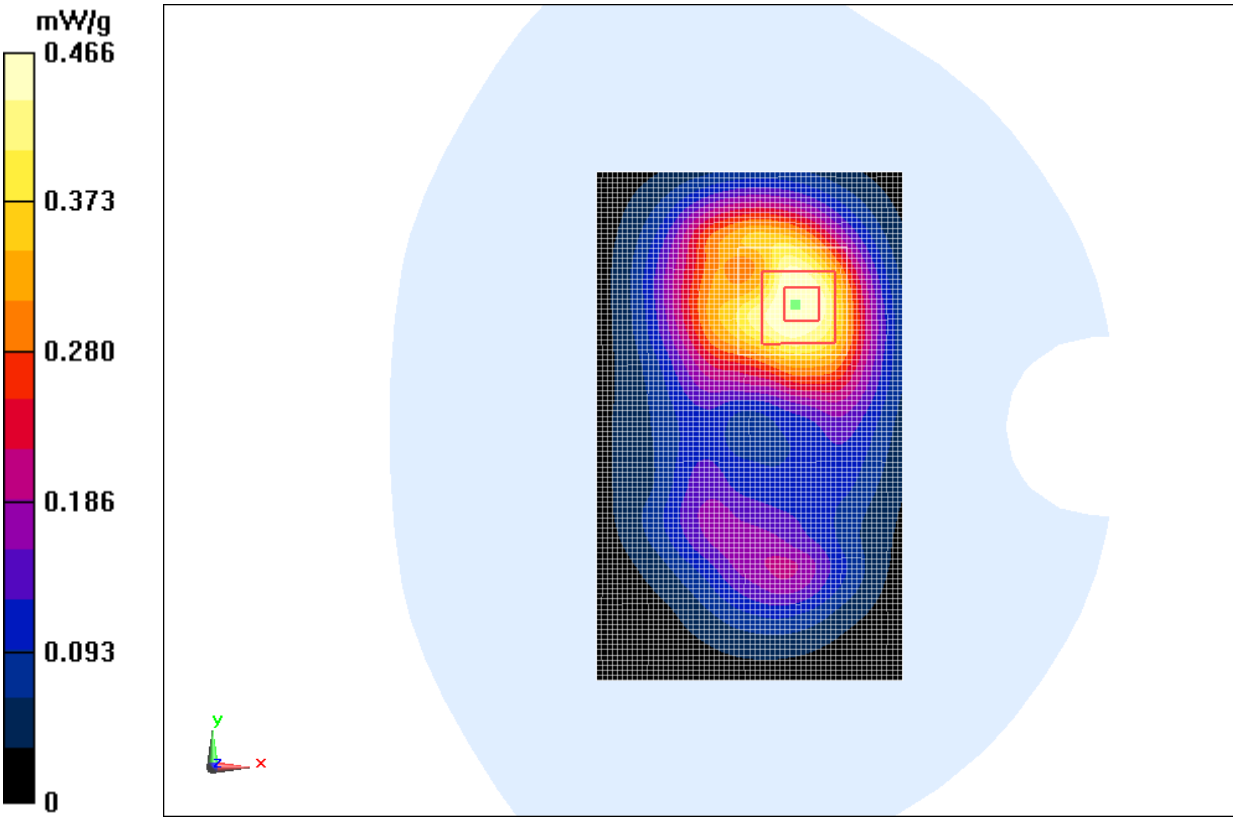


Fig. 37 1900 MHz CH810

1900 Body Toward Ground High

Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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: 1:2
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) = 0.925 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.474 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.309 mW/g
SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.940 mW/g

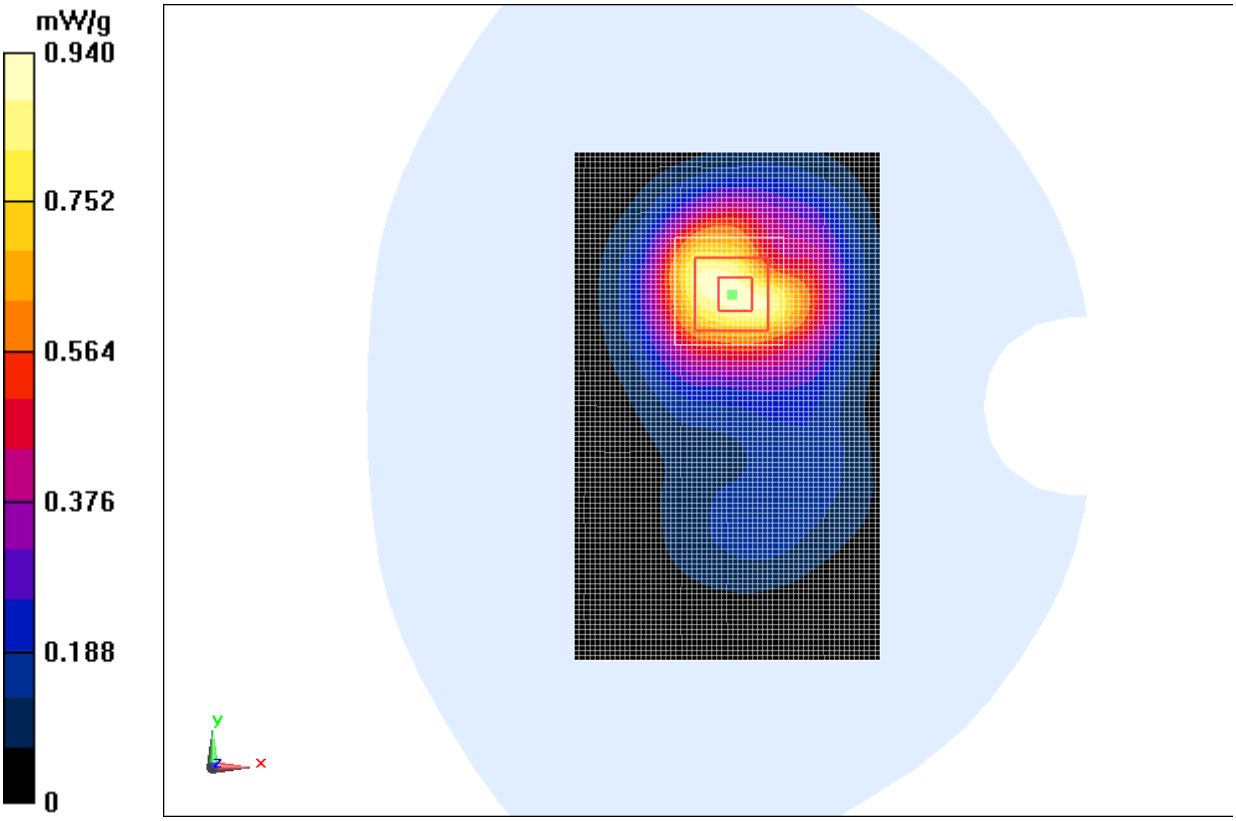


Fig. 38 1900 MHz CH810

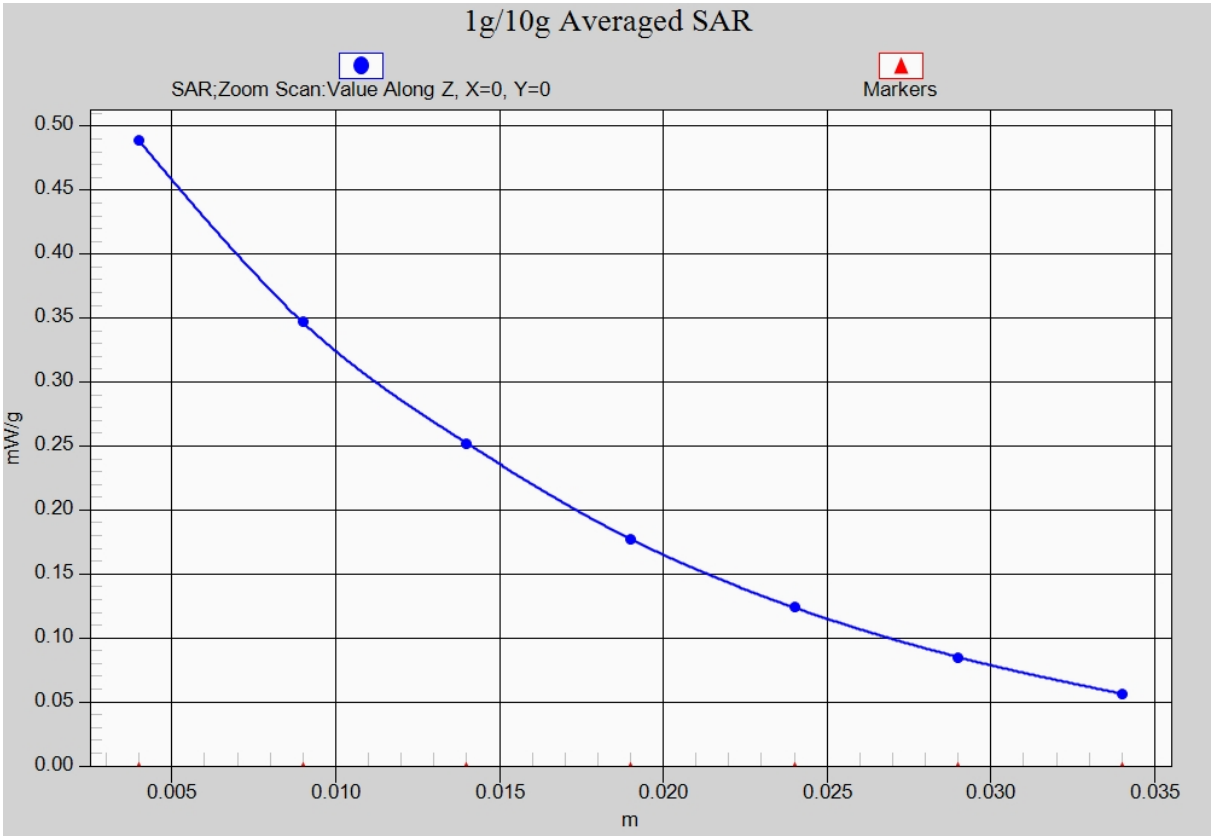


Fig. 38-1 Z-Scan at power reference point (1900 MHz CH810)

1900 Body Toward Ground Middle

Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.263; 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: 1:2
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) = 0.772 mW/g

Toward Ground Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.809 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.111 mW/g
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.780 mW/g

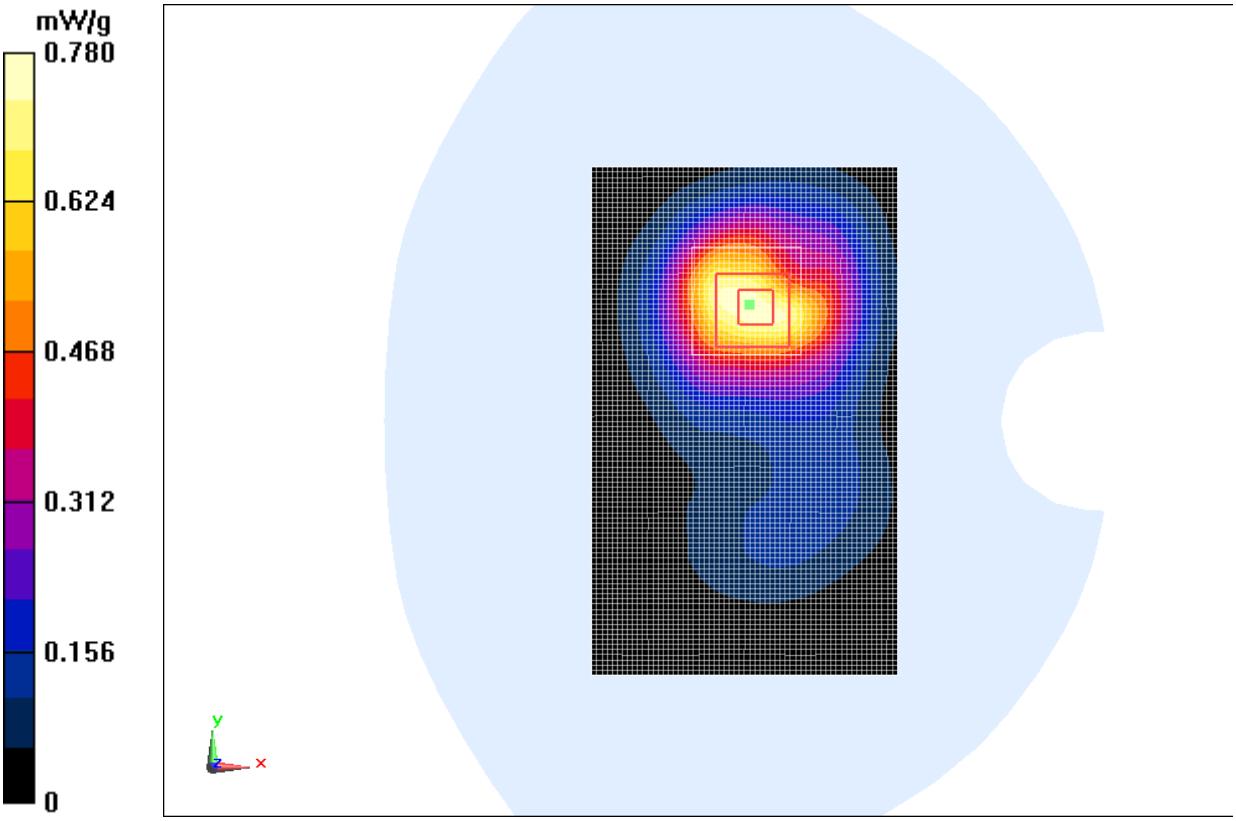


Fig. 39 1900 MHz CH661

1900 Body Toward Ground Low
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.447 mho/m; εr = 52.398; 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: 1:2
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Toward Ground Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.706 mW/g

Toward Ground Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.005 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.998 mW/g
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 0.716 mW/g

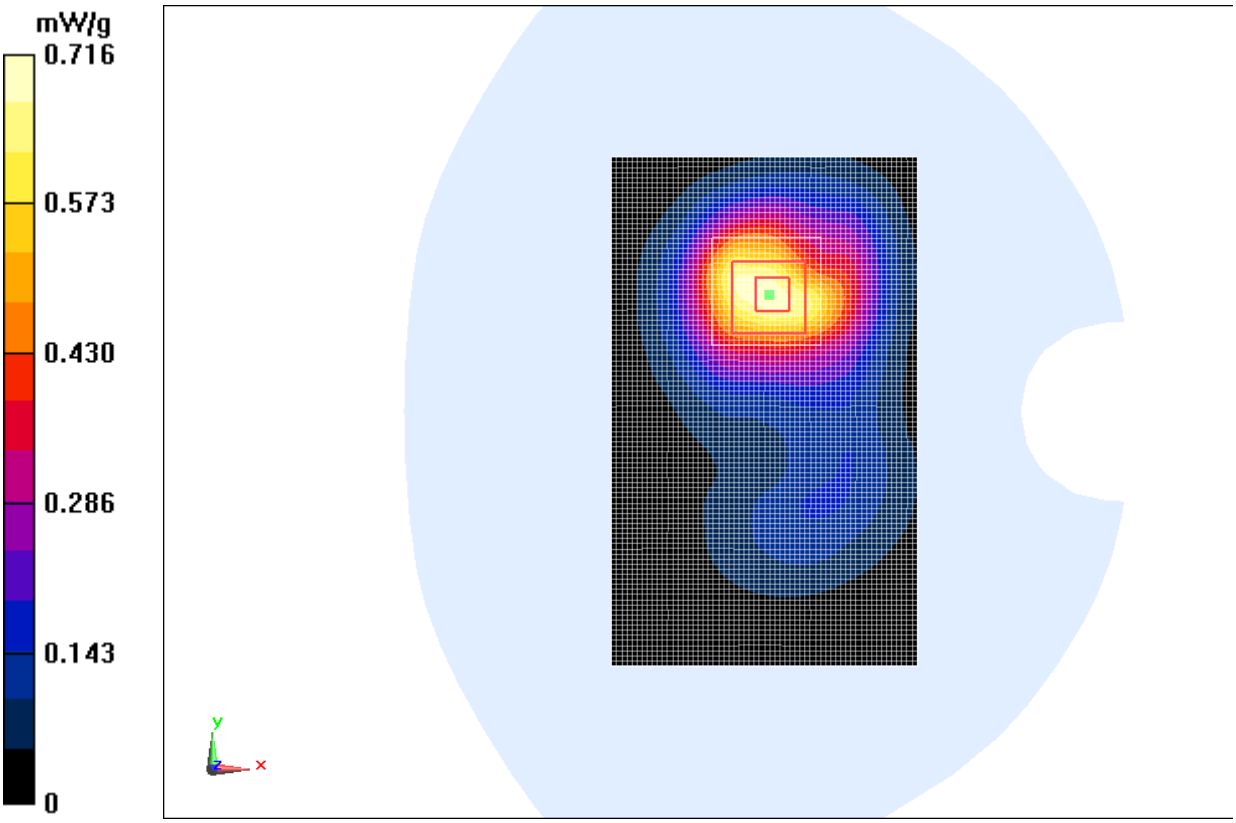


Fig. 40 1900 MHz CH512

1900 Body Left Side High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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: 1:2
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Left Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.147 mW/g

Left Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.818 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.197 mW/g
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.142 mW/g
Left Side High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.818 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.162 mW/g
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.113 mW/g

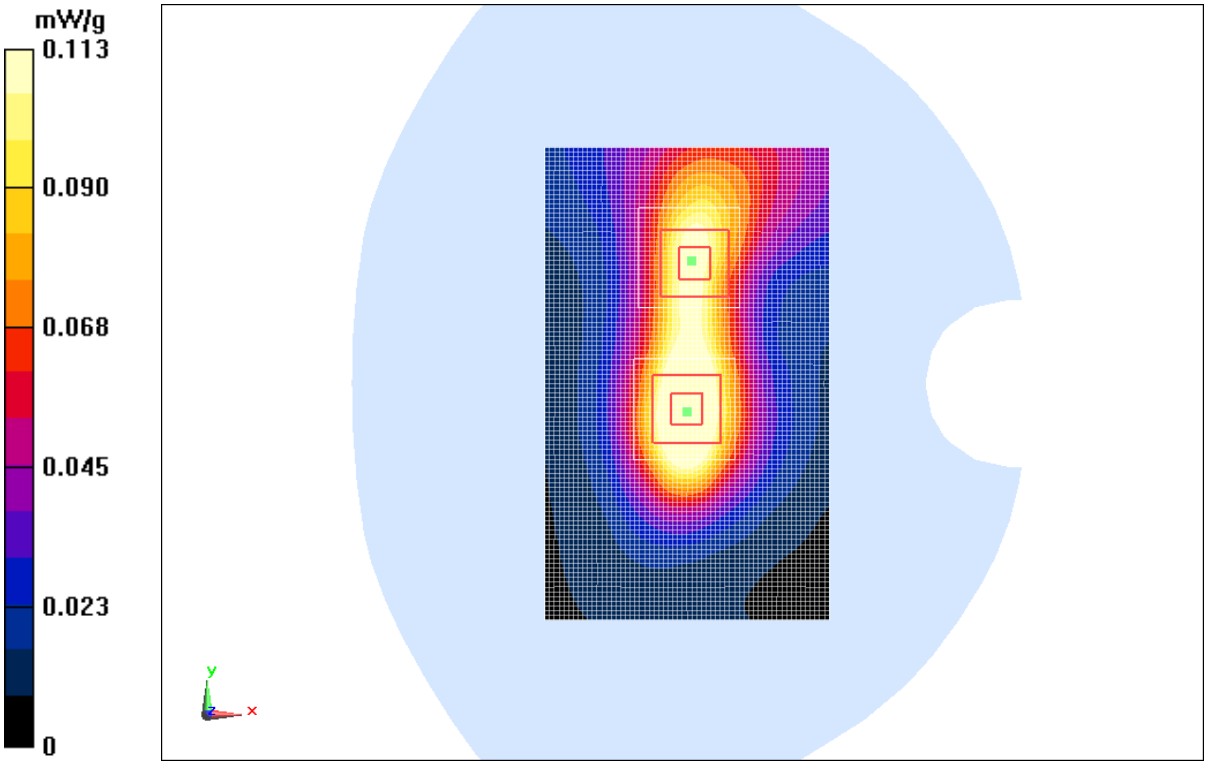


Fig. 41 1900 MHz CH810

1900 Body Right Side High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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: 1:2
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Right Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.117 mW/g

Right Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.525 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.165 mW/g
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.119 mW/g
Right Side High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.525 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.114 mW/g
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.0817 mW/g

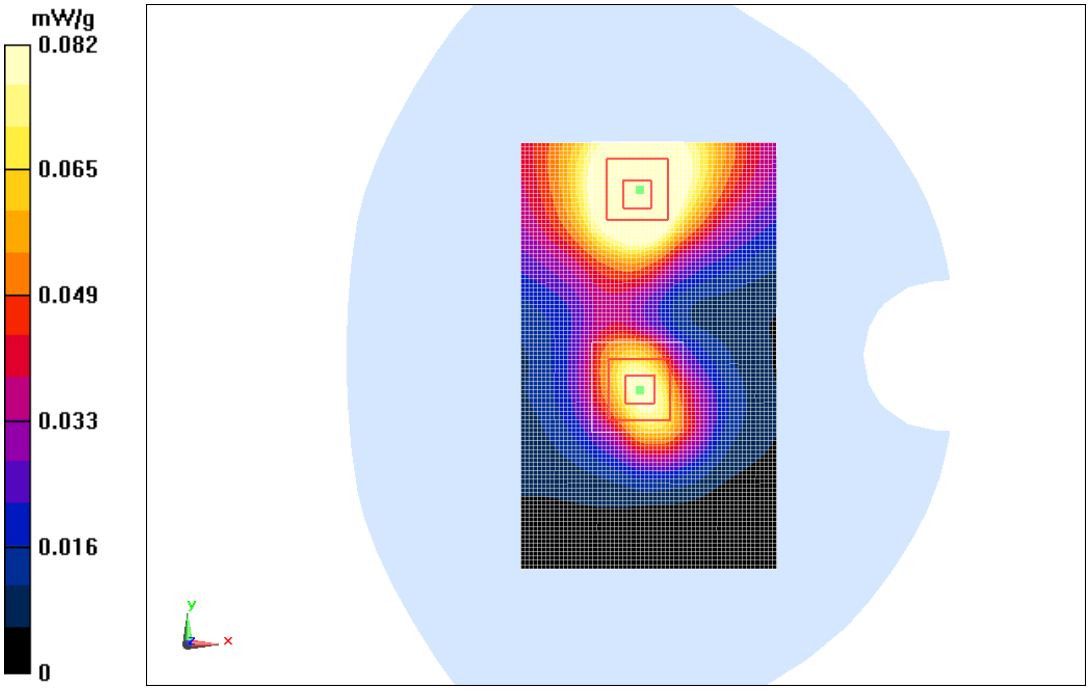


Fig. 42 1900 MHz CH810

1900 Body Bottom Side High
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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: 1:2
Probe: ES3DV3 - SN3149 ConvF(4.64, 4.64, 4.64)

Bottom Side High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.889 mW/g

Bottom Side High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.529 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.270 mW/g
SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.452 mW/g
Maximum value of SAR (measured) = 0.919 mW/g

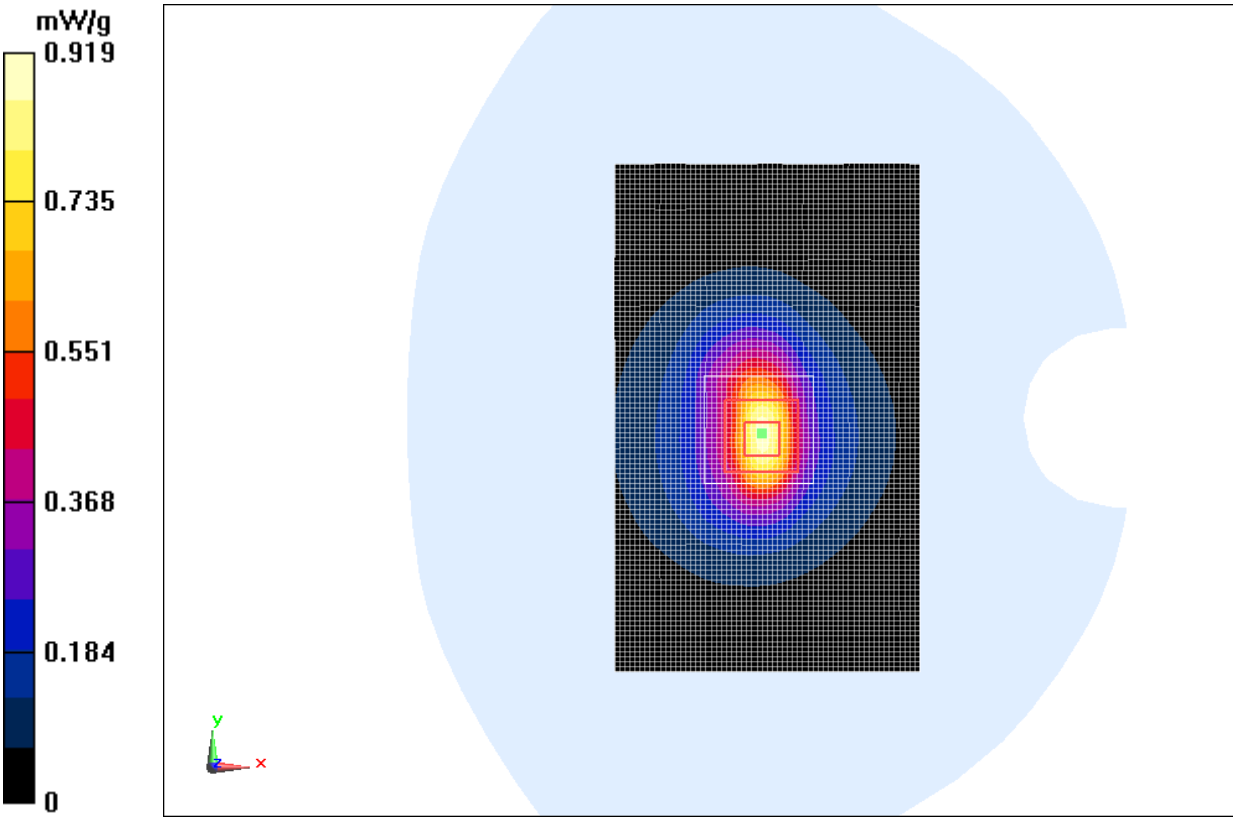


Fig. 43 1900 MHz CH810

1900 Body Bottom Side Middle
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; εr = 52.263; ρ = 1000 kg/m^3
Ambient Temperature: 22.3^{o}C Liquid Temperature: 21.8^{o}C
Communication System: GSM 1900MHz GPRS Frequency: 1880 MHz Duty Cycle: 1:2
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) = 0.740 mW/g

Bottom Side Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.563 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.046 mW/g
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.767 mW/g

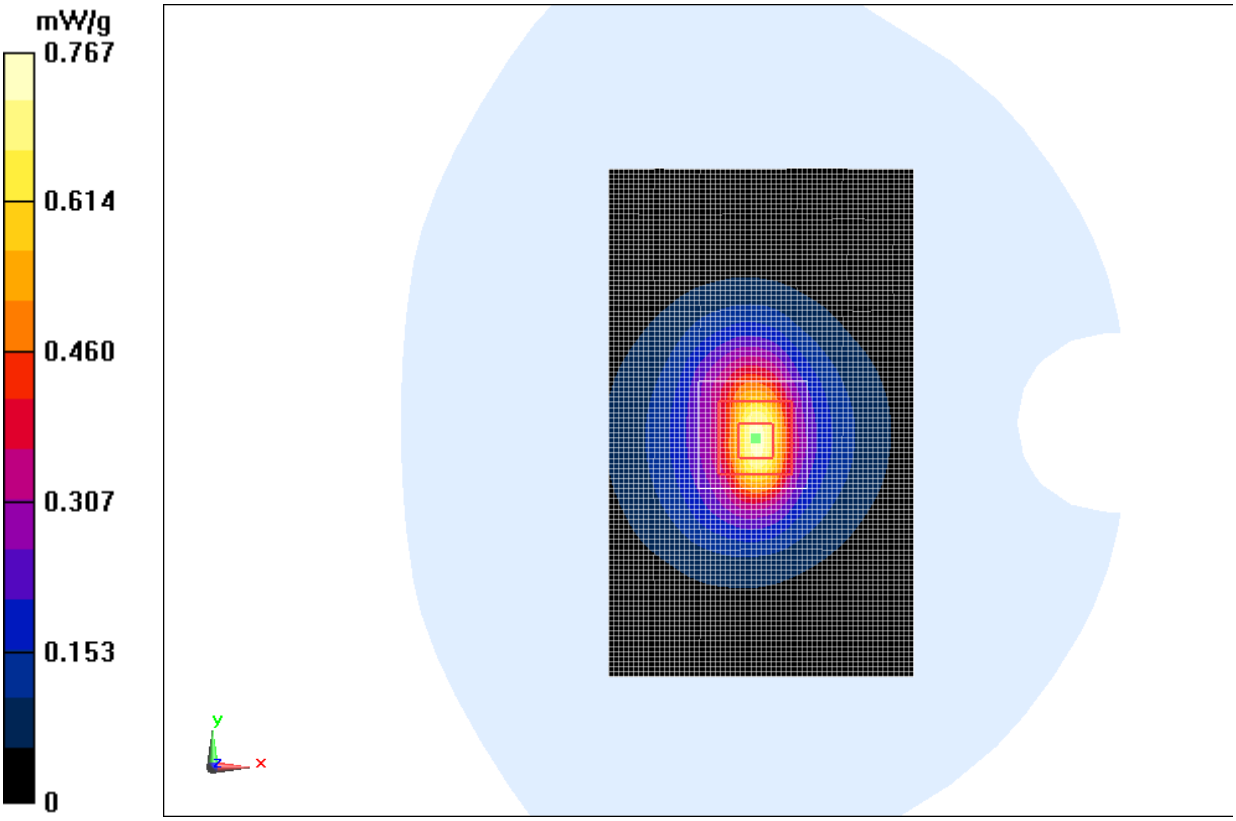


Fig. 44 1900 MHz CH661

1900 Body Bottom Side Low
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.447 mho/m; εr = 52.398; 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: 1:2
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) = 0.636 mW/g

Bottom Side Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.356 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.868 mW/g
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.644 mW/g

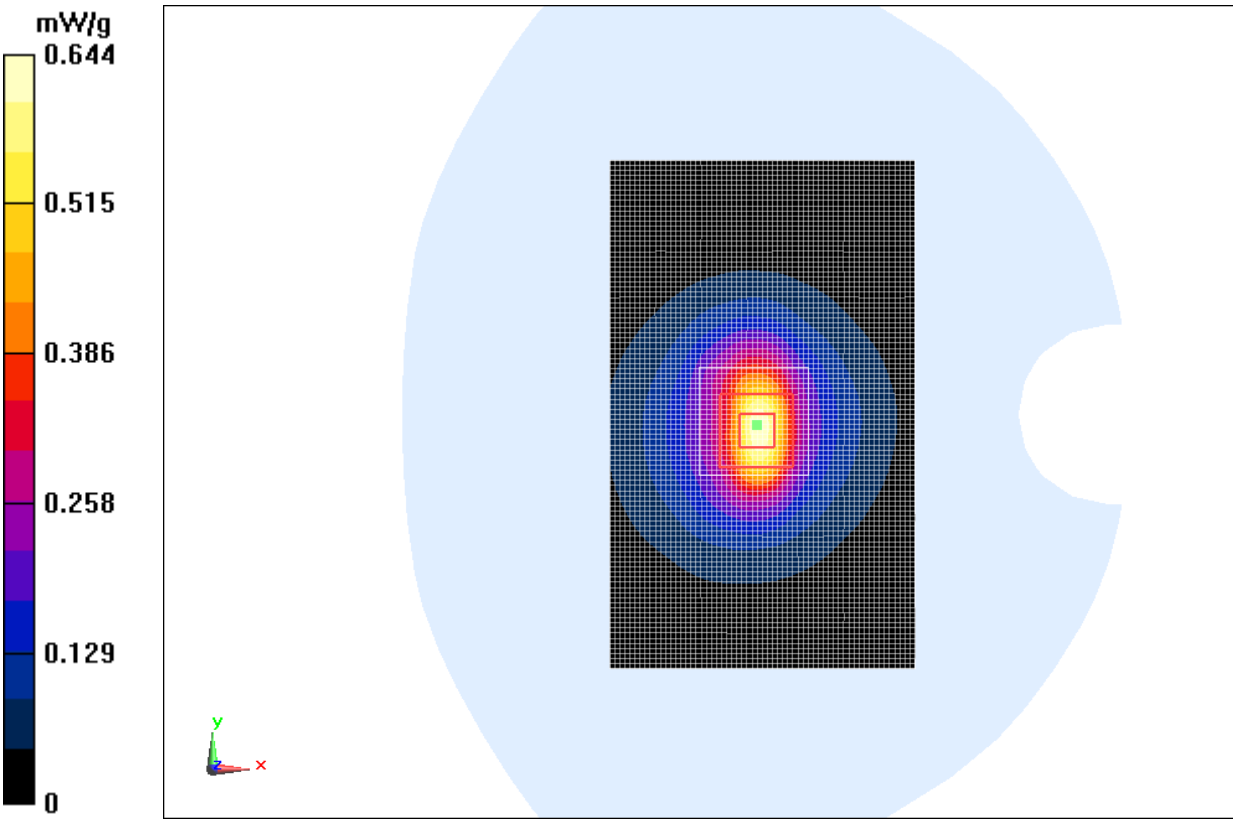


Fig. 45 1900 MHz CH512

1900 Body Toward Ground High with EGPRS

Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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: 1:2
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) = 0.935 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.645 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.361 mW/g
SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.908 mW/g

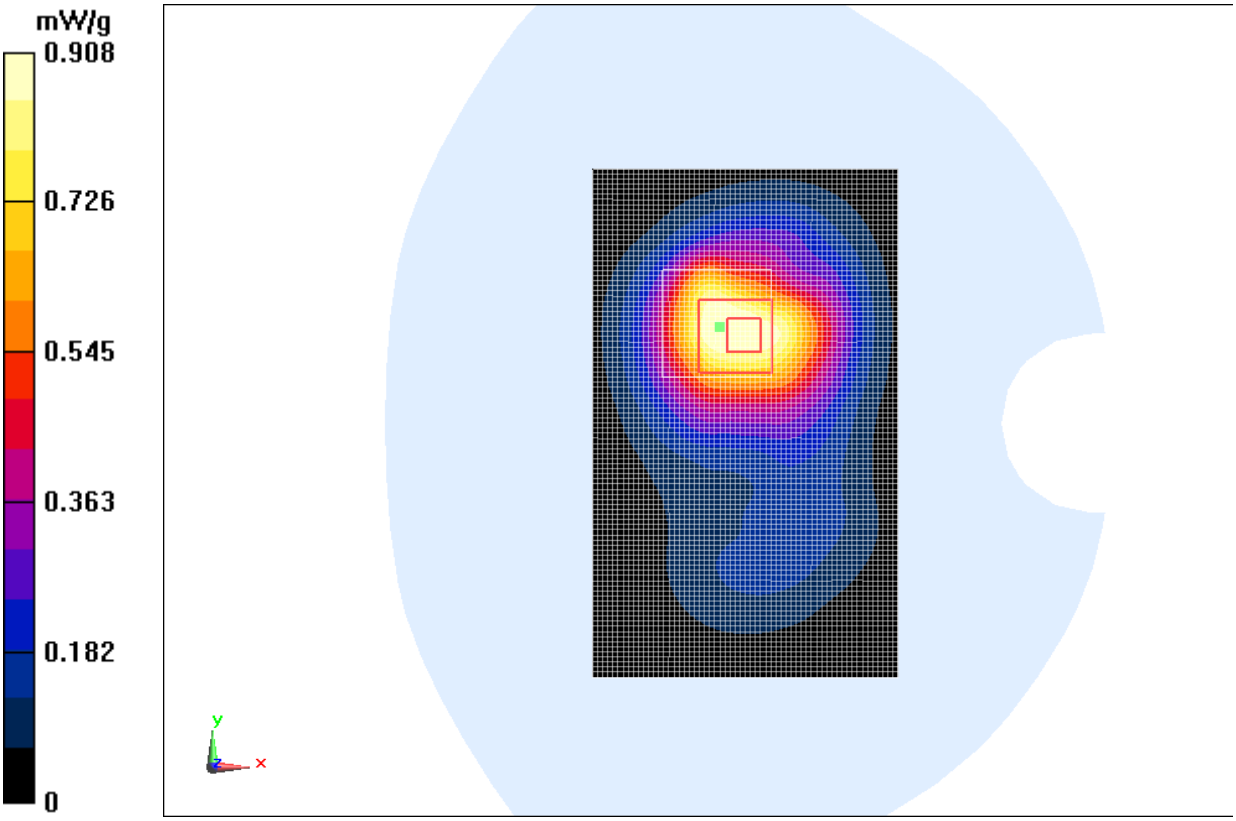


Fig. 46 1900 MHz CH810

1900 Body Toward Ground High with Headset CCB3000A12C1

Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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(4.64, 4.64, 4.64)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.931 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.005 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.299 mW/g
SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 0.910 mW/g

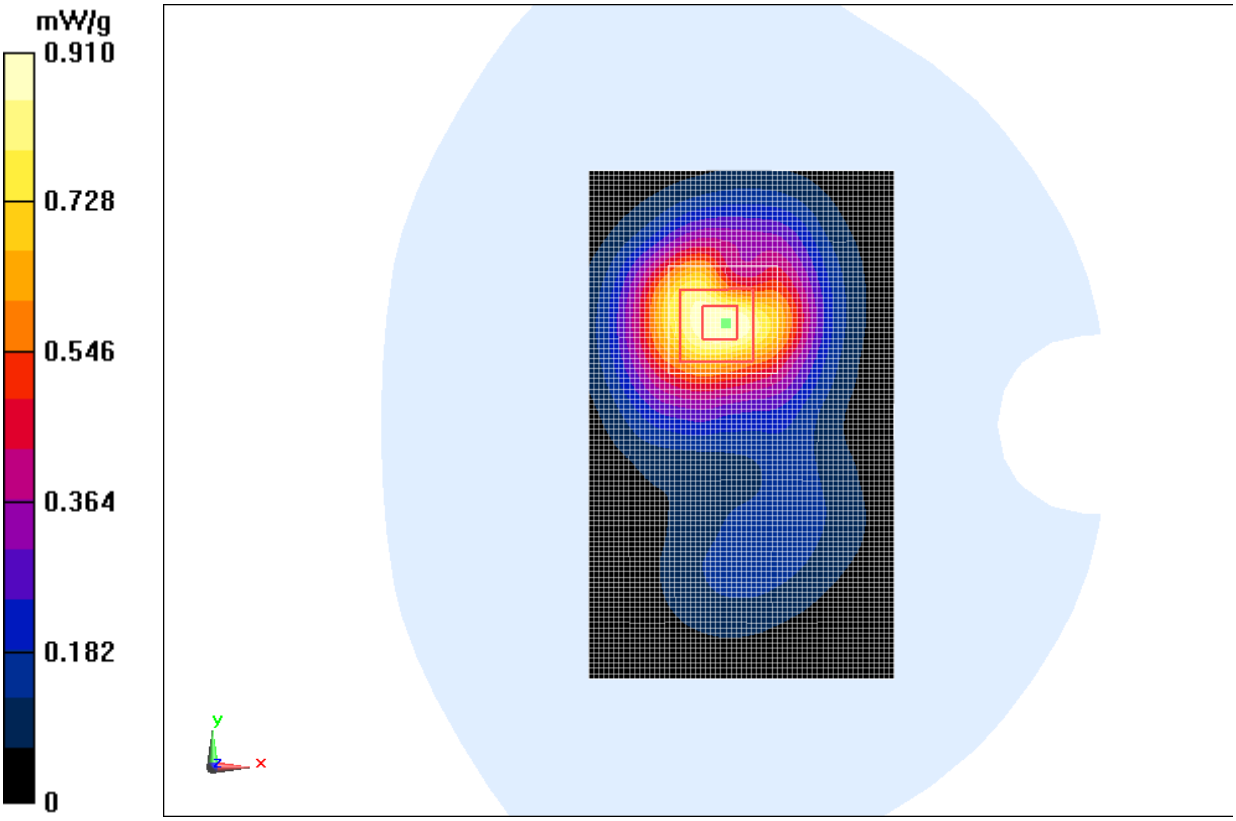


Fig. 47 1900 MHz CH810

1900 Body Toward Ground High with Headset CCB3000A12C2
Date: 2012-7-19
Electronics: DAE4 Sn771
Medium: Body 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.51 mho/m; εr = 52.141; 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(4.64, 4.64, 4.64)

Toward Ground High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.851 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.731 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.215 mW/g
SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.850 mW/g

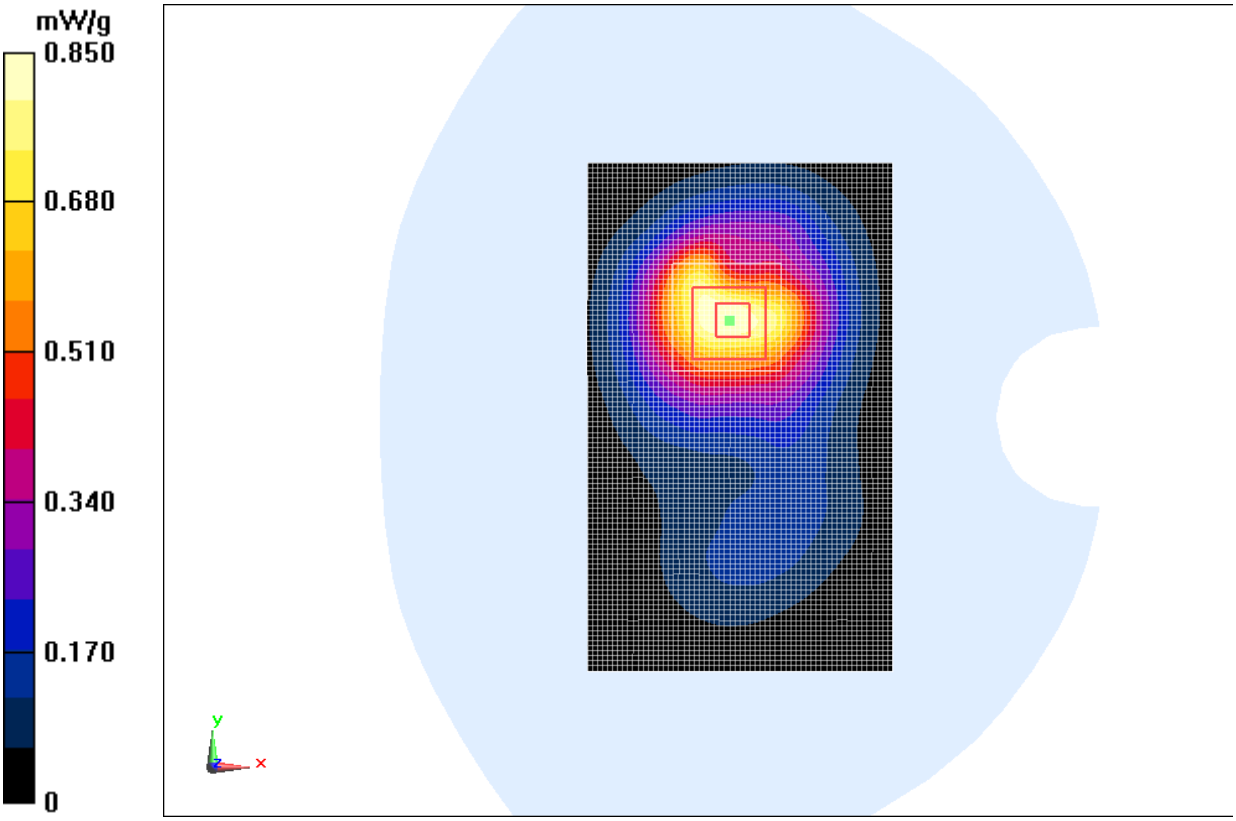


Fig. 48 1900 MHz CH810

Wifi Left Cheek High
Date: 2012-7-27
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.854 mho/m; εr = 38.628; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.118 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.719 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.247 mW/g
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.129 mW/g
Cheek High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.719 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.153 mW/g
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.0910 mW/g

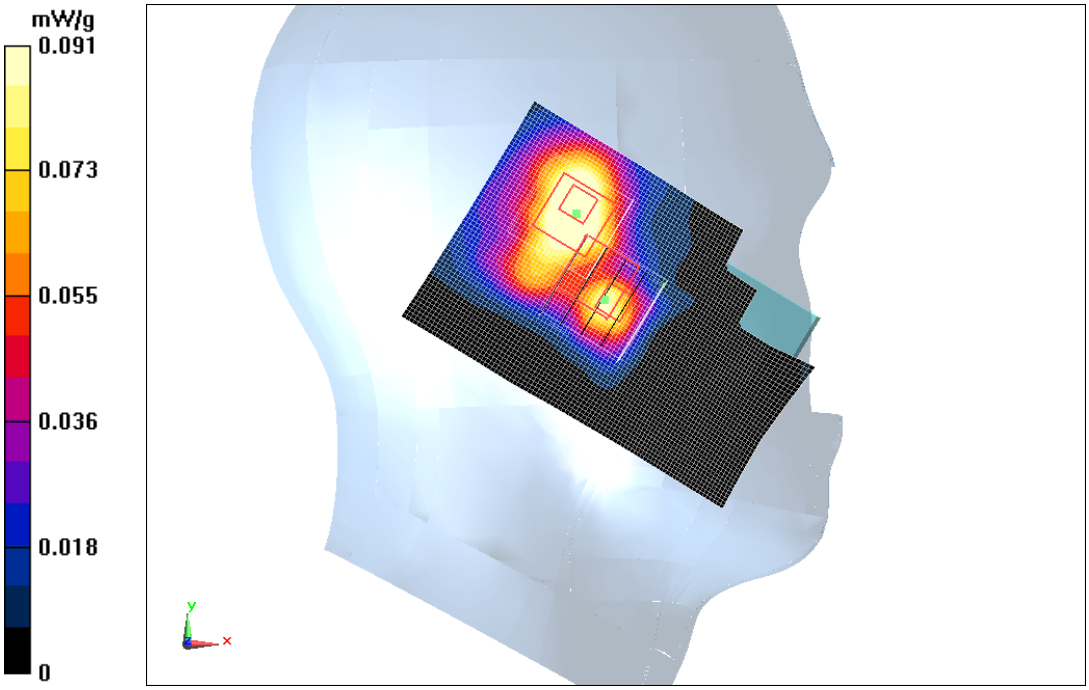


Fig. 49 2450 MHz CH11

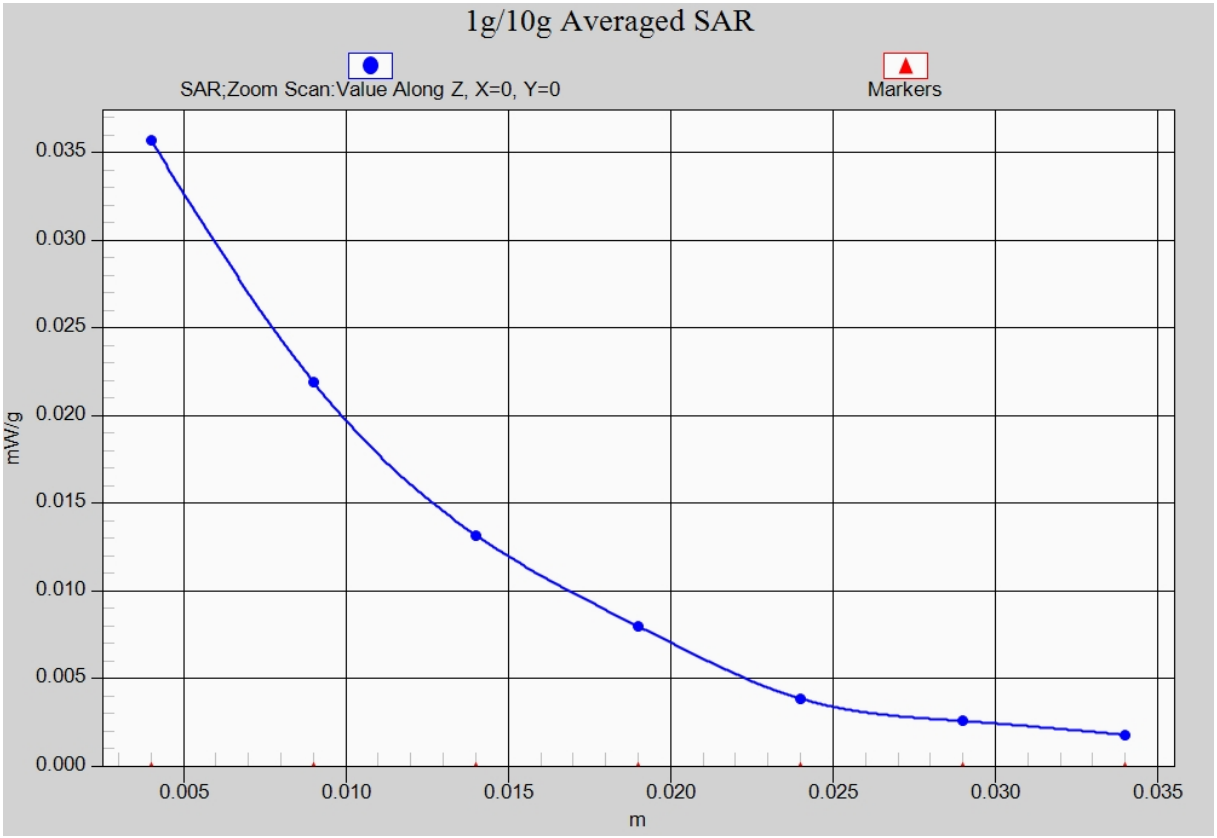


Fig. 49-1 Z-Scan at power reference point (2450 MHz CH11)

Wifi Left Tilt High
Date: 2012-7-27
Electronics: DAE4 Sn771
Medium: Head 2450 MHz
Medium parameters used (interpolated): f = 2462 MHz; σ = 1.854 mho/m; εr = 38.628; 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 (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0609 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.646 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.104 mW/g
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0622 mW/g
Tilt High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.646 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.098 mW/g
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0534 mW/g

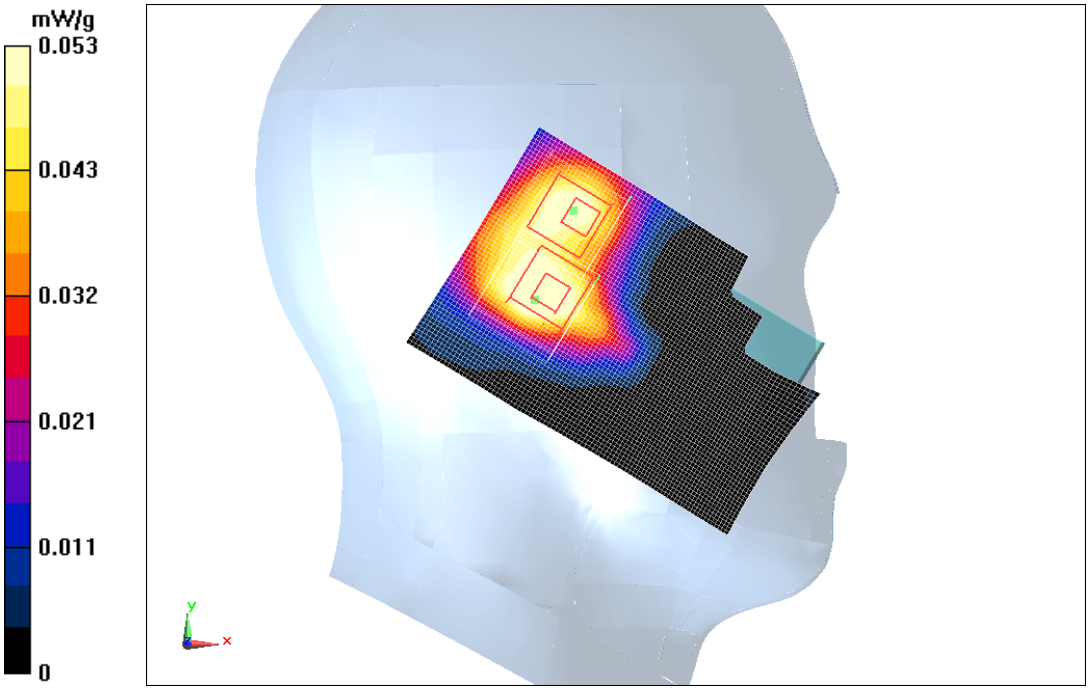


Fig. 50 2450 MHz CH11