850 Right Cheek High

Date/Time: 2011-5-15 9:37:02
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.90 mho/m; εr = 41.8; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek High/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.716 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.46 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.825 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 0.692 mW/g

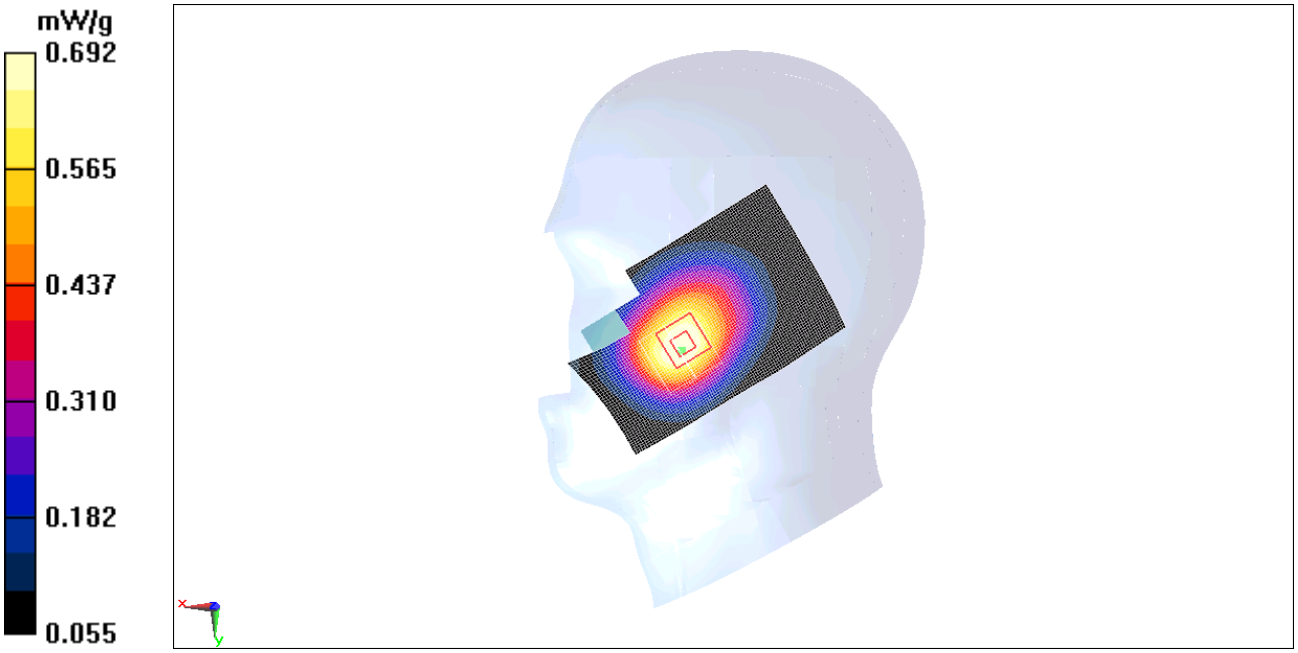

Fig. 7 850 MHz CH251

850 Right Cheek Middle

Date/Time: 2011-5-15 9:51:19
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.90 mho/m; εr = 41.9; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.777 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.7 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.550 mW/g
Maximum value of SAR (measured) = 0.759 mW/g

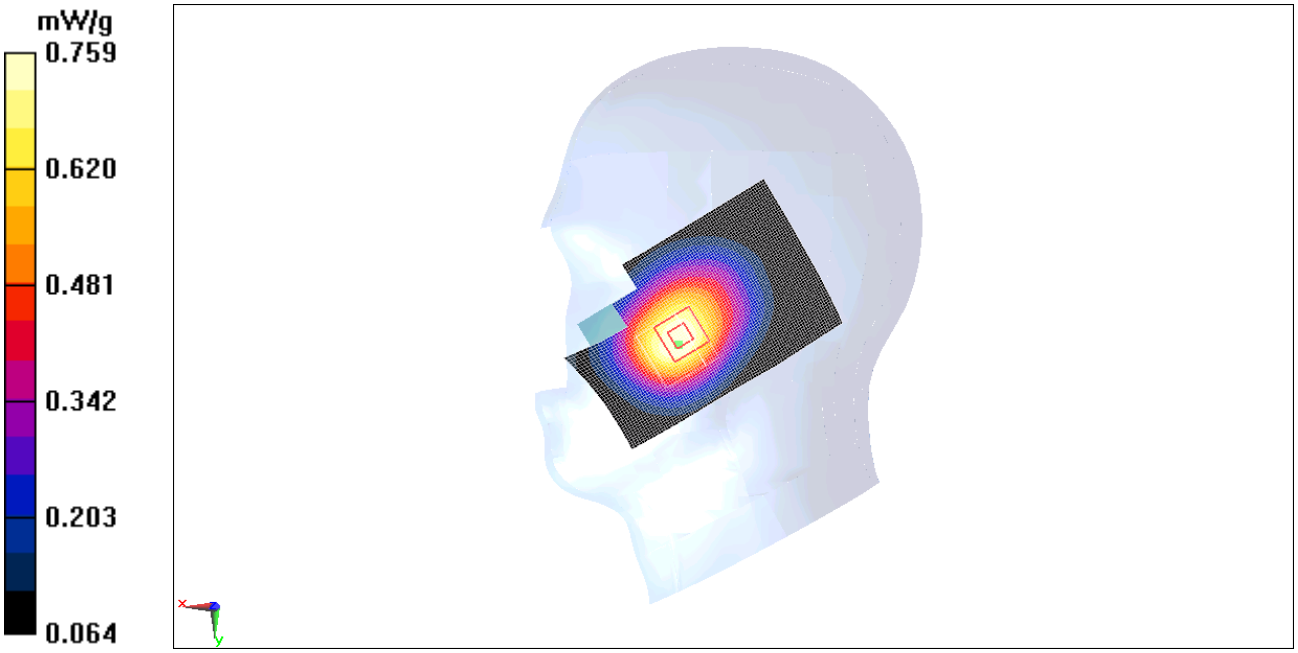

Fig. 8 850 MHz CH190

850 Right Cheek Low

Date/Time: 2011-5-15 10:05:44
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used: f = 825 MHz; σ = 0.88 mho/m; εr = 42.1; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Cheek Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.836 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.595 mW/g
Maximum value of SAR (measured) = 0.837 mW/g

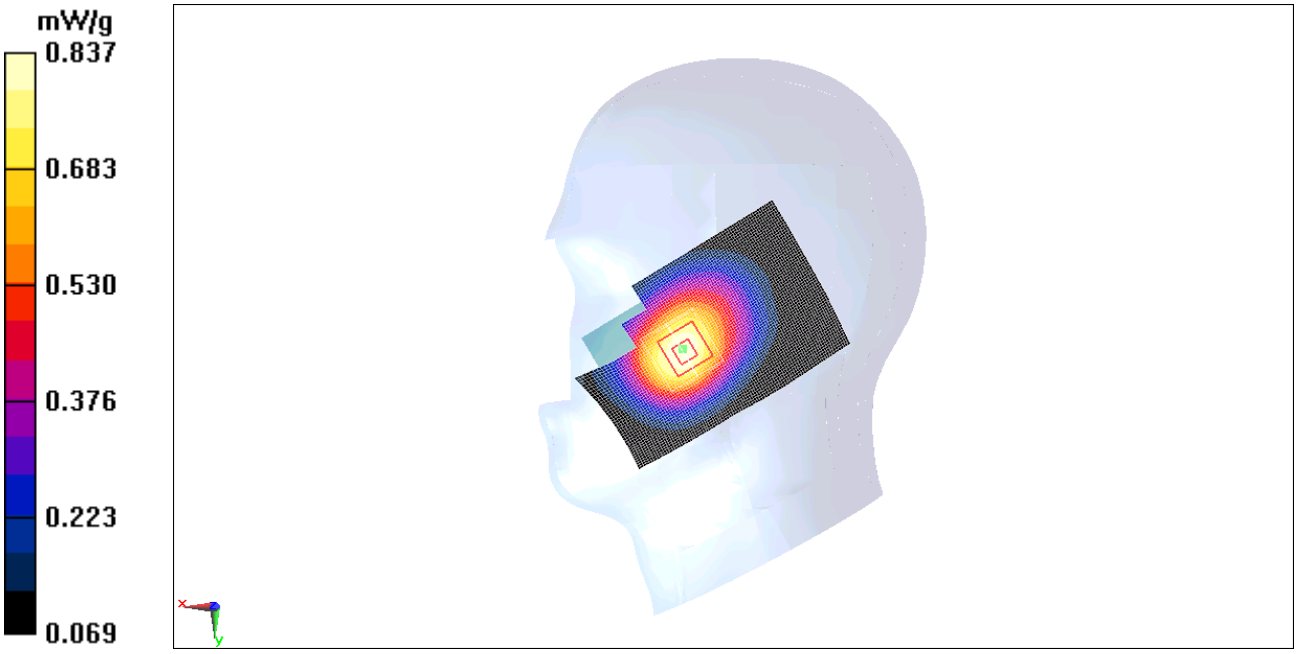

Fig. 9 850 MHz CH128

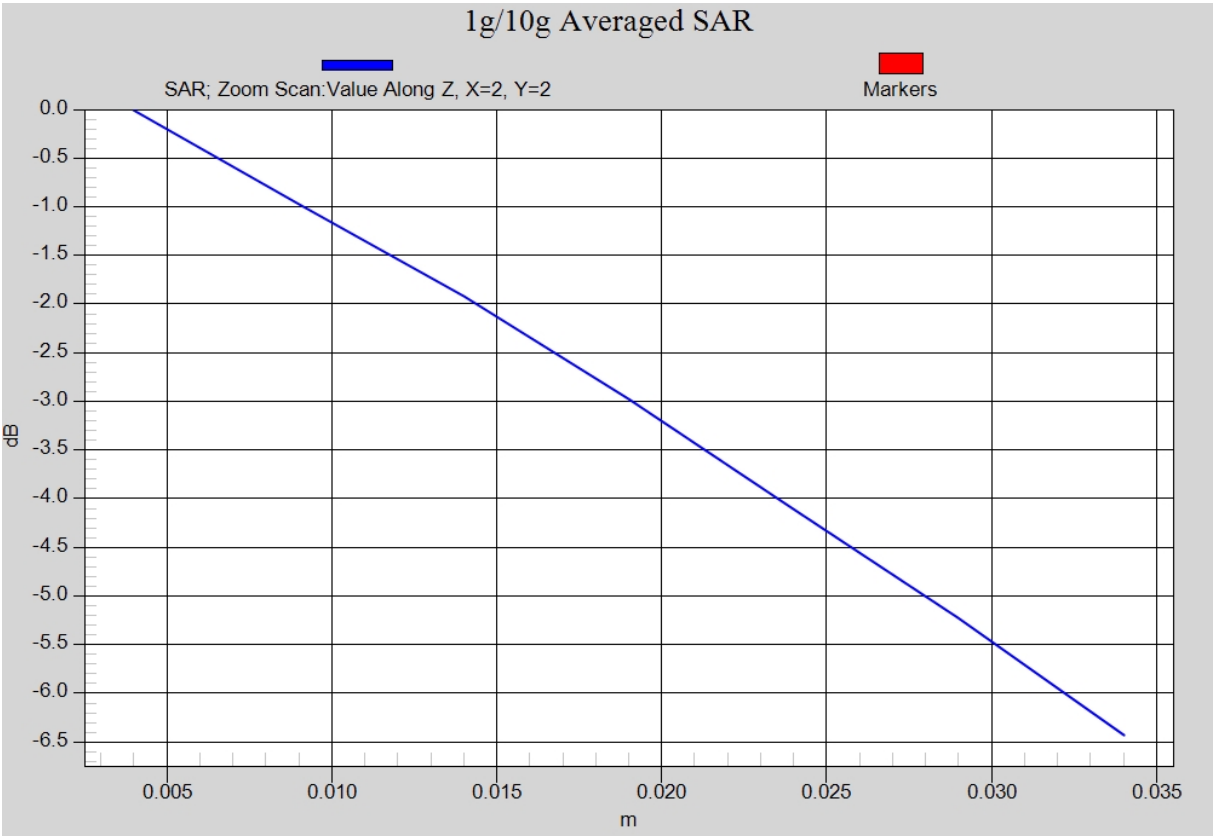

Fig. 9-1 Z-Scan at power reference point (850 MHz CH128)

850 Right Tilt High

Date/Time: 2011-5-15 10:20:01
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.90 mho/m; εr = 41.8; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

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

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.00162 dB
Peak SAR (extrapolated) = 0.461 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.388 mW/g

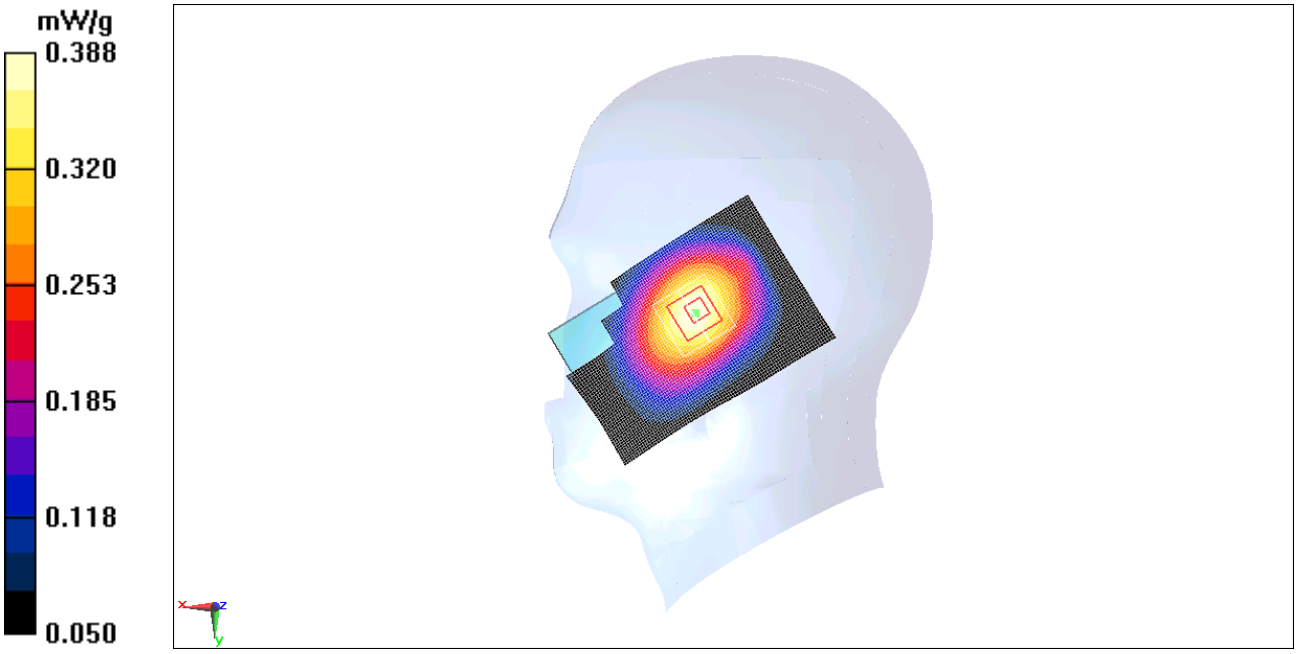

Fig.10 850 MHz CH251

850 Right Tilt Middle

Date/Time: 2011-5-15 10:34:20
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.90 mho/m; εr = 41.9; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Middle/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.424 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.426 mW/g

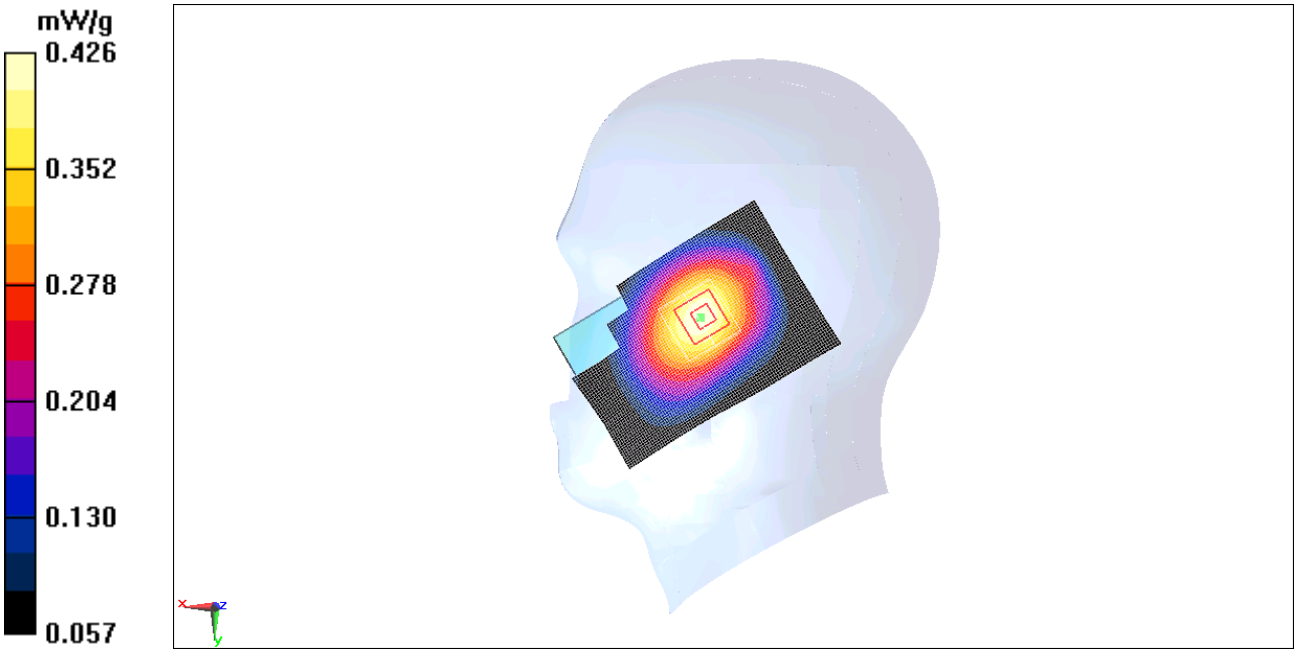

Fig.11 850 MHz CH190

850 Right Tilt Low

Date/Time: 2011-5-15 10:48:45
Electronics: DAE4 Sn771
Medium: Head 850 MHz
Medium parameters used: f = 825 MHz; σ = 0.88 mho/m; εr = 42.1; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(6.56, 6.56, 6.56)

Tilt Low/Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.444 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.5 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.323 mW/g
Maximum value of SAR (measured) = 0.445 mW/g

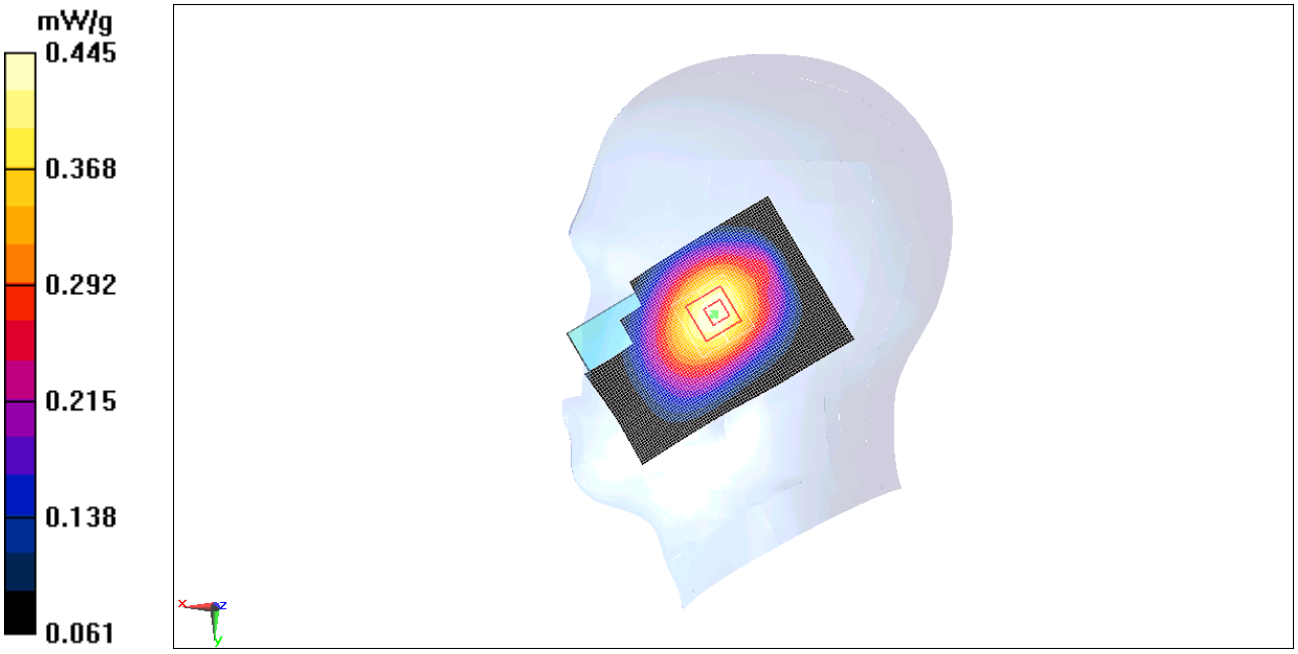

Fig. 12 850 MHz CH128

1900 Left Cheek High

Date/Time: 2011-5-16 8:11:24
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; εr = 40.2; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.416 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.70 V/m; Power Drift = -0.095 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.224 mW/g
Maximum value of SAR (measured) = 0.422 mW/g

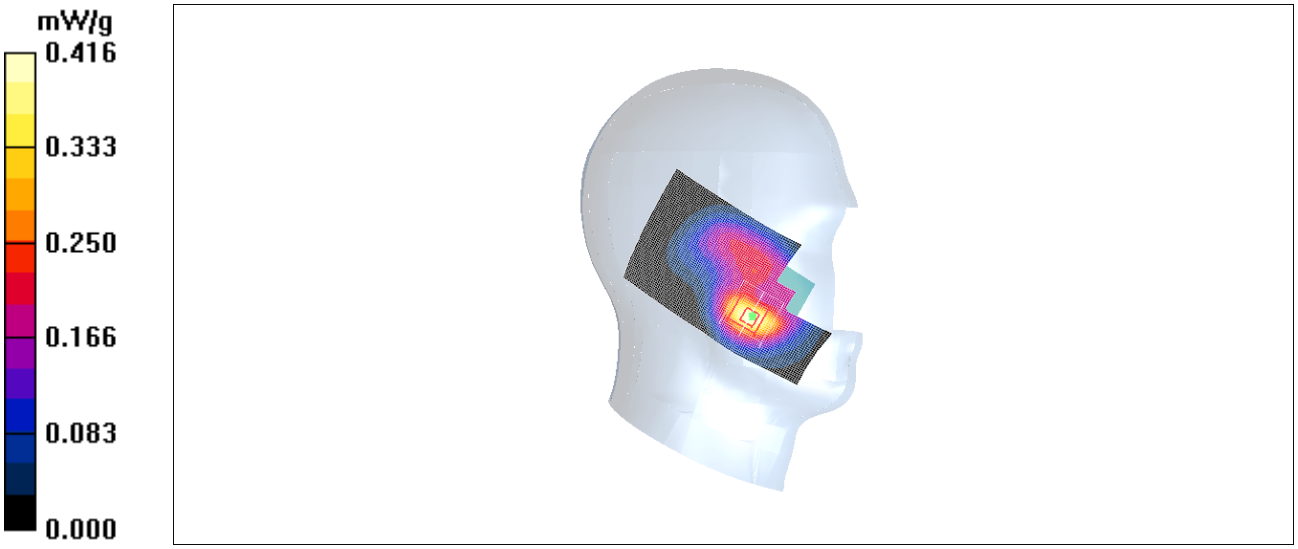

Fig. 13 1900 MHz CH810

1900 Left Cheek Middle

Date/Time: 2011-5-16 8:25:52
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.389 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.07 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.210 mW/g
Maximum value of SAR (measured) = 0.394 mW/g

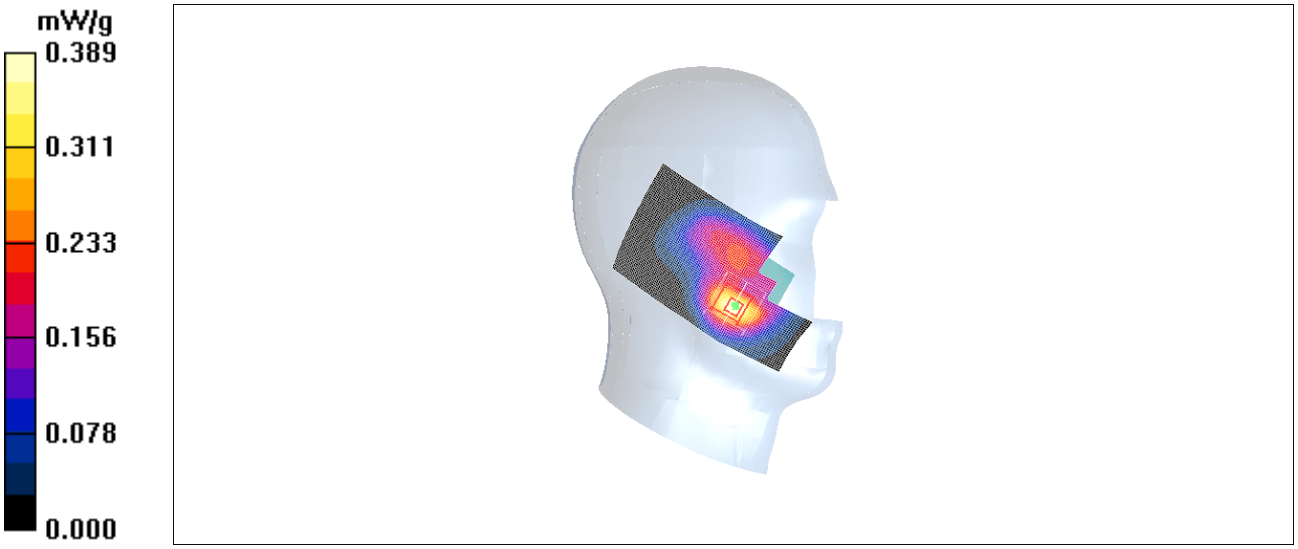

Fig. 14 1900 MHz CH661

1900 Left Cheek Low

Date/Time: 2011-5-16 8:40:11
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.36 mho/m; εr = 39.5; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.353 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.79 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.512 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.357 mW/g

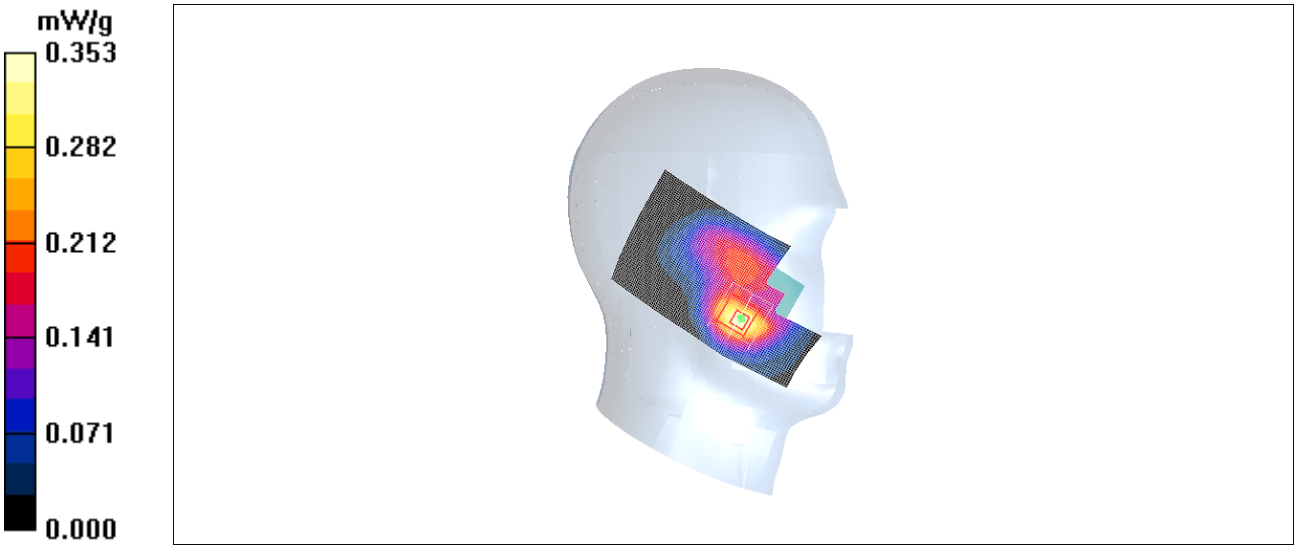

Fig. 15 1900 MHz CH512

1900 Left Tilt High

Date/Time: 2011-5-16 8:55:01
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; εr = 40.2; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.44 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.192 mW/g

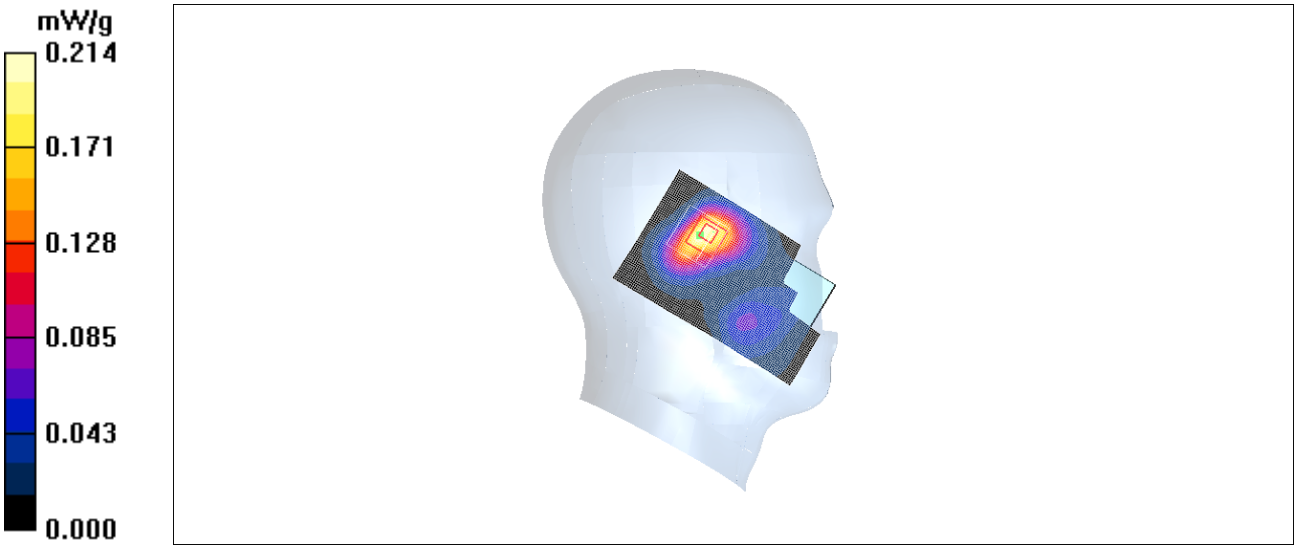

Fig.16 1900 MHz CH810

1900 Left Tilt Middle
Date/Time: 2011-5-16 9:09:17
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.206 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.53 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.186 mW/g

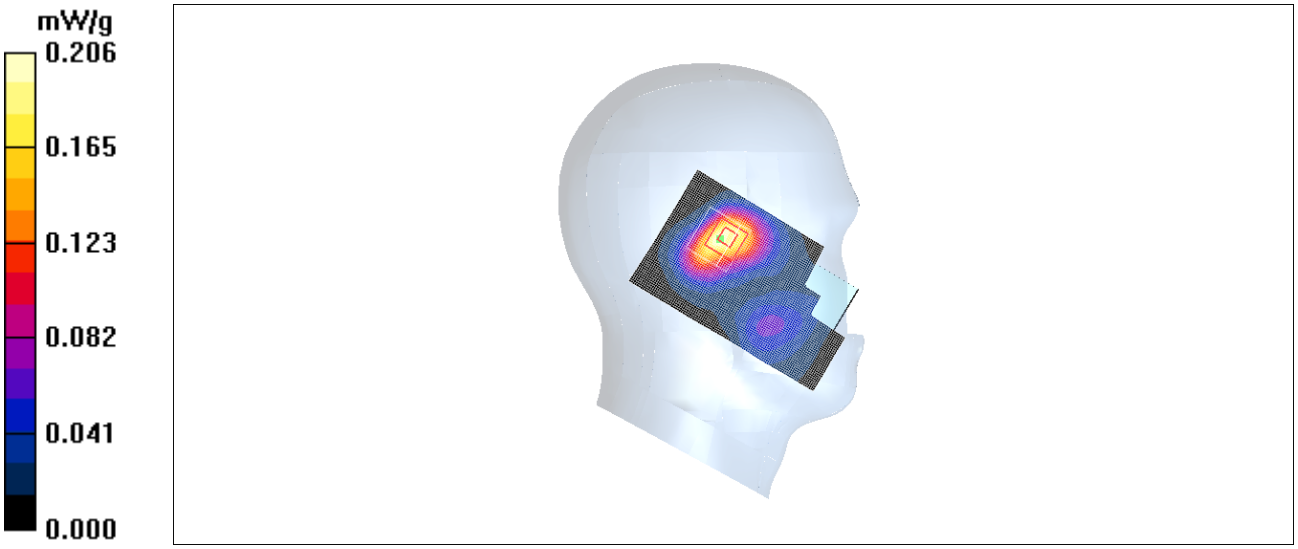

Fig. 17 1900 MHz CH661

1900 Left Tilt Low

Date/Time: 2011-5-16 9:23:40
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.36 mho/m; εr = 39.5; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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 = 8.84 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.158 mW/g

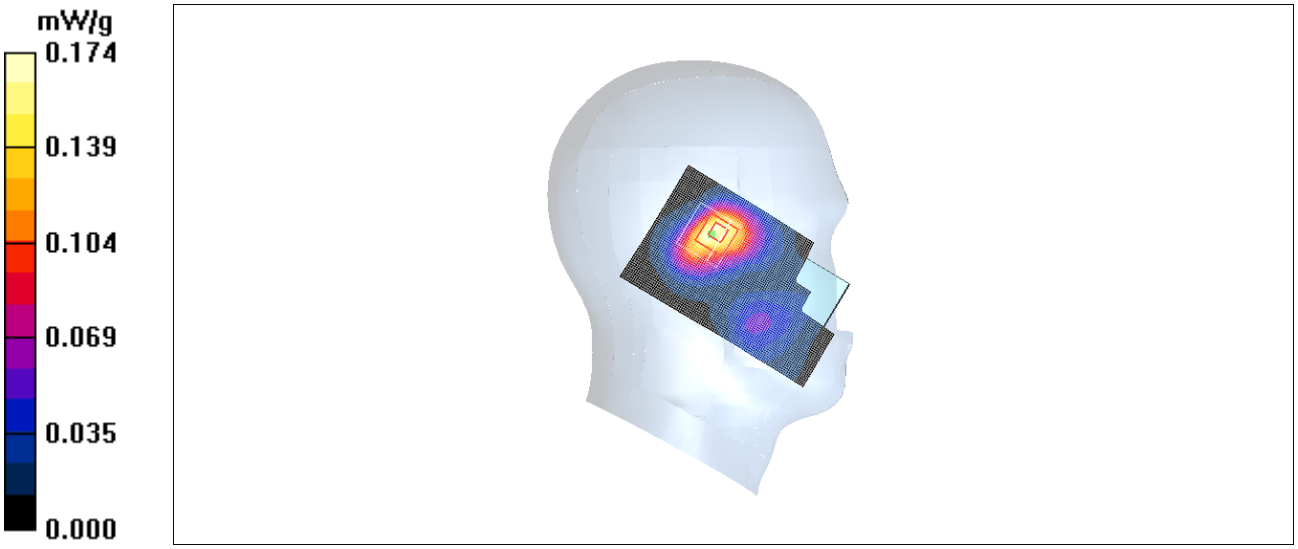

Fig. 18 1900 MHz CH512

1900 Right Cheek High

Date/Time: 2011-5-16 9:38:14
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; εr = 40.2; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.472 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.90 V/m; Power Drift = -0.111 dB
Peak SAR (extrapolated) = 0.643 W/kg
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.482 mW/g

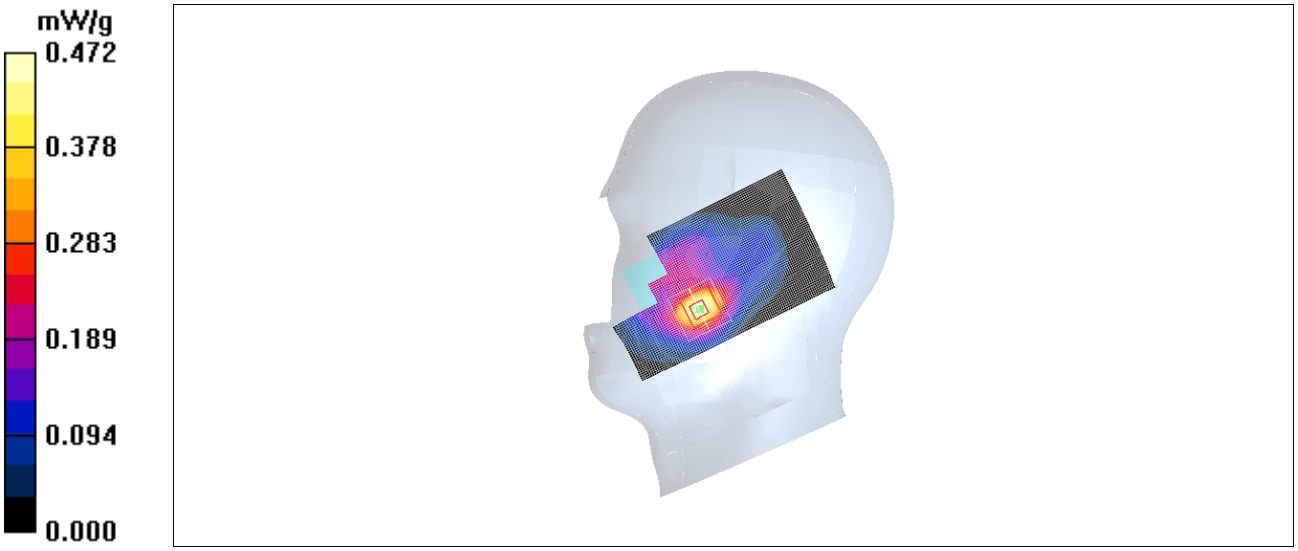

Fig. 19 1900 MHz CH810

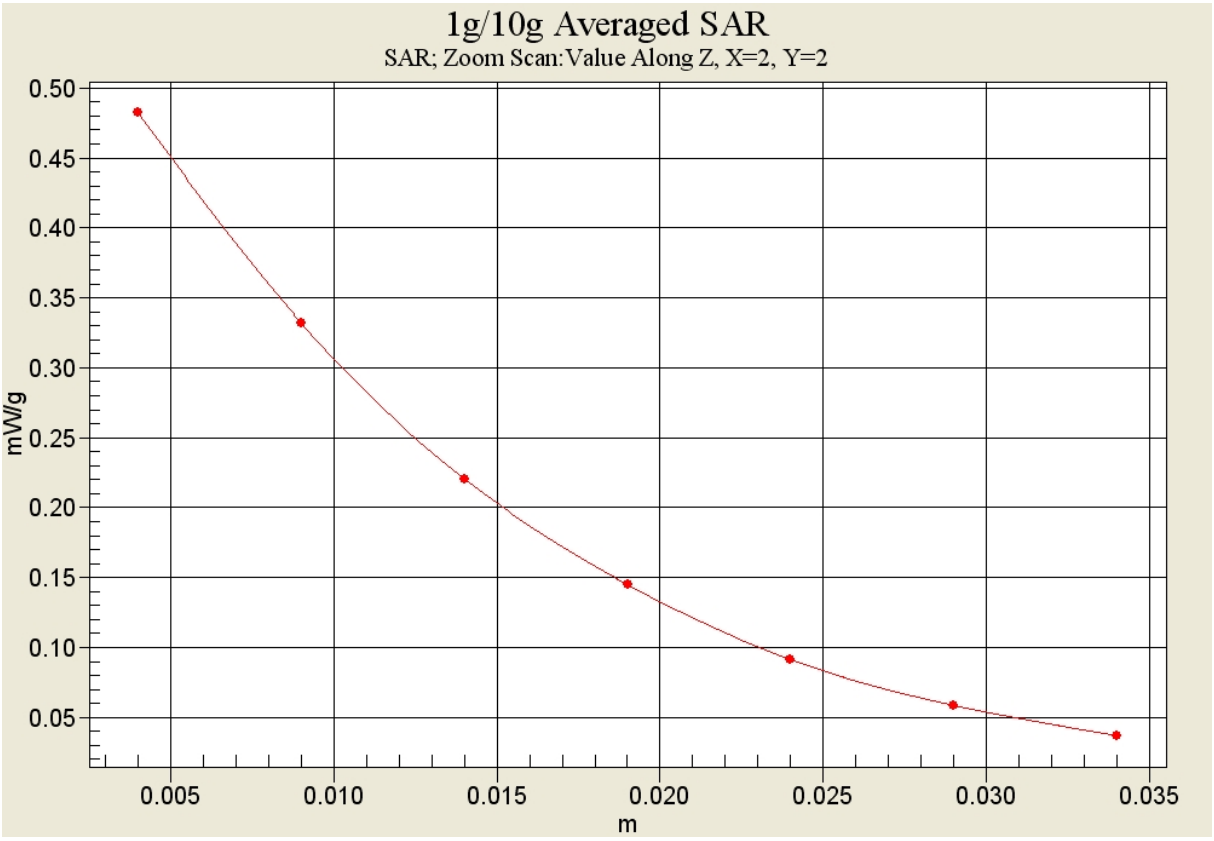

Fig. 19-1 Z-Scan at power reference point (1900 MHz CH810)

1900 Right Cheek Middle
Date/Time: 2011-5-16 9:52:38
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.413 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.07 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.418 mW/g

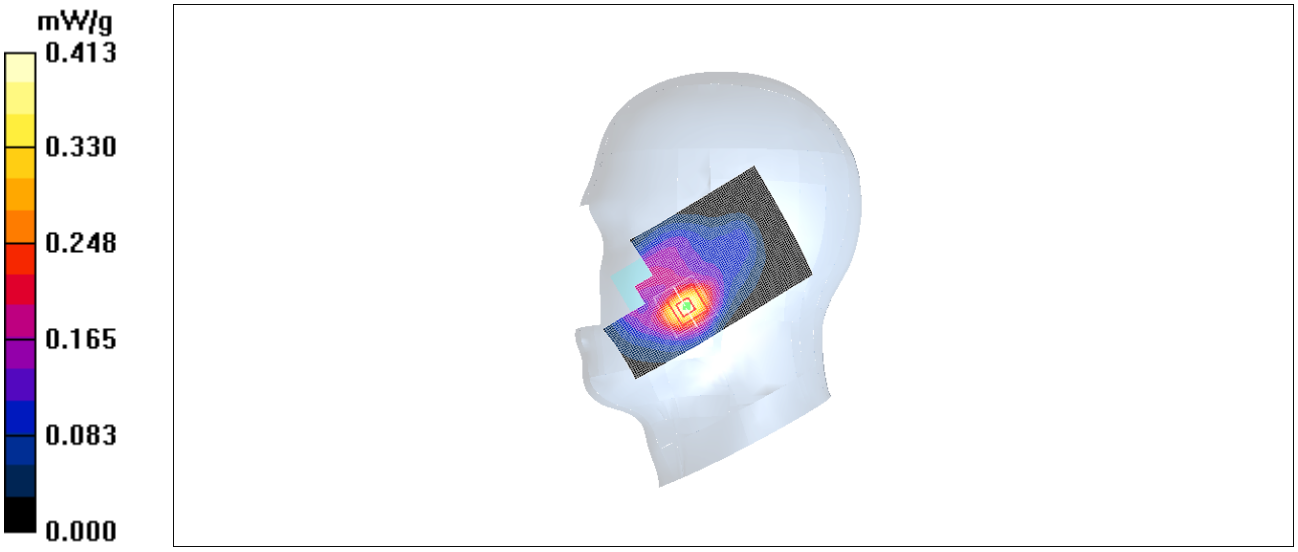

Fig. 20 1900 MHz CH661

1900 Right Cheek Low

Date/Time: 2011-5-16 10:06:57
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.36 mho/m; εr = 39.5; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.379 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.40 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.389 mW/g

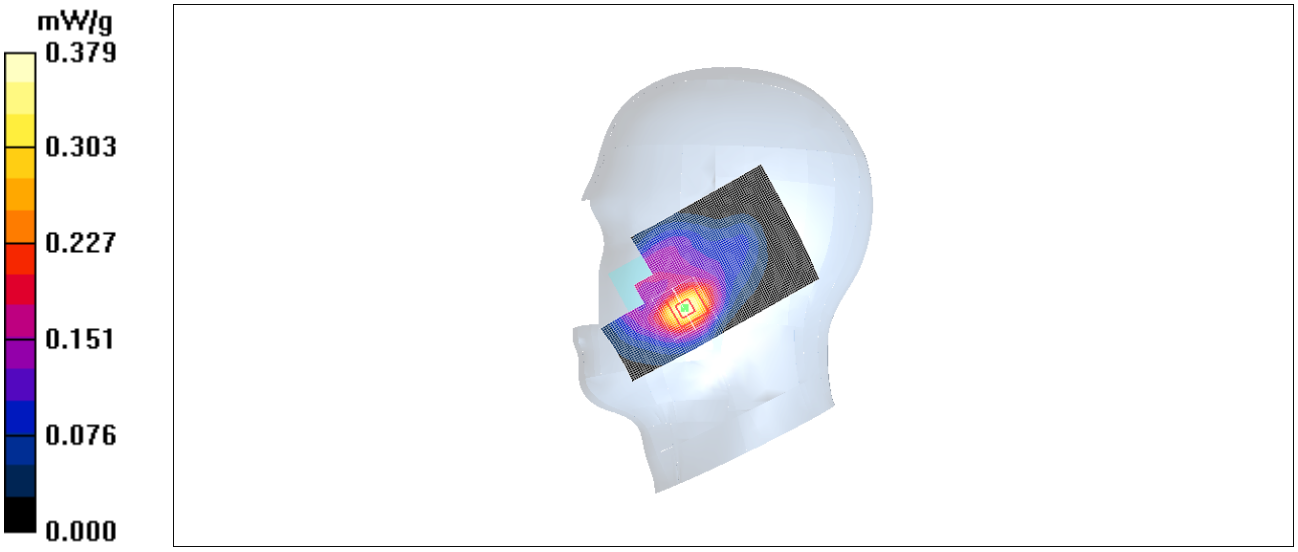

Fig. 21 1900 MHz CH512

1900 Right Tilt High

Date/Time: 2011-5-16 10:21:39
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; εr = 40.2; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1909.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

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

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.207 mW/g

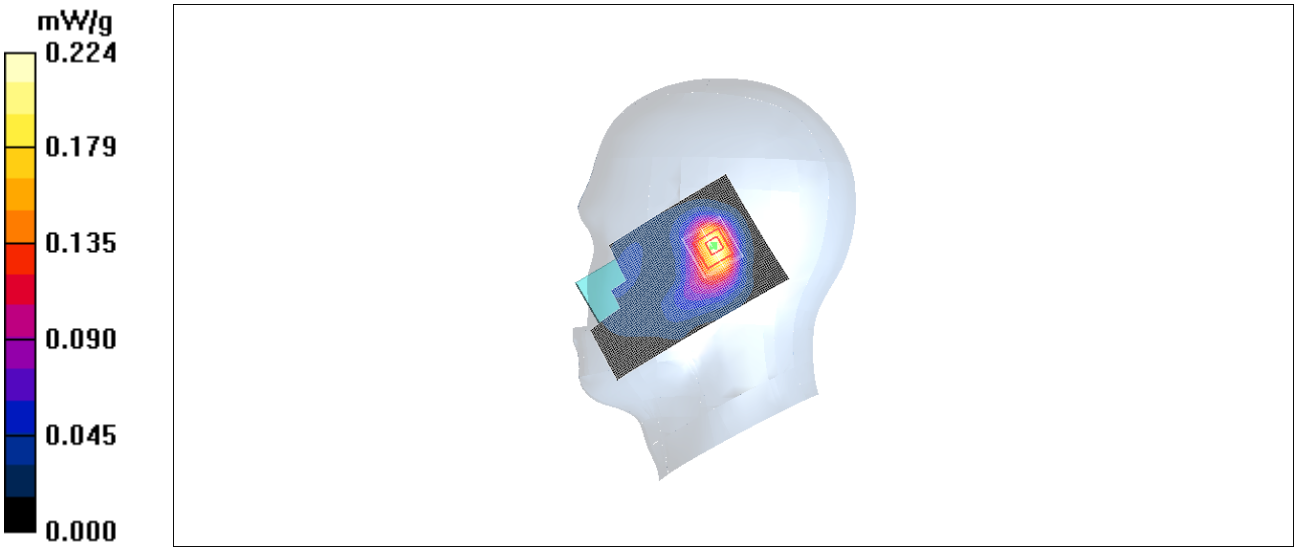

Fig. 22 1900 MHz CH810

1900 Right Tilt Middle

Date/Time: 2011-5-16 10:36:01
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1880 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.216 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.197 mW/g

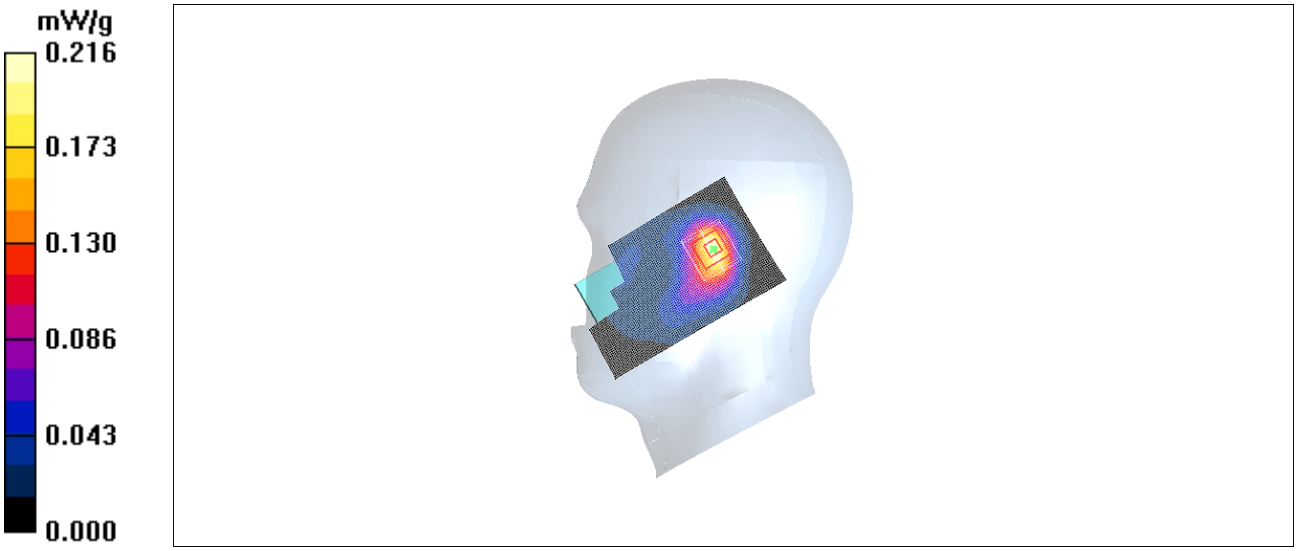

Fig.23 1900 MHz CH661

1900 Right Tilt Low

Date/Time: 2011-5-16 10:50:21
Electronics: DAE4 Sn771
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.36 mho/m; εr = 39.5; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 1900MHz Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3149 ConvF(5.03, 5.03, 5.03)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.93 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.172 mW/g

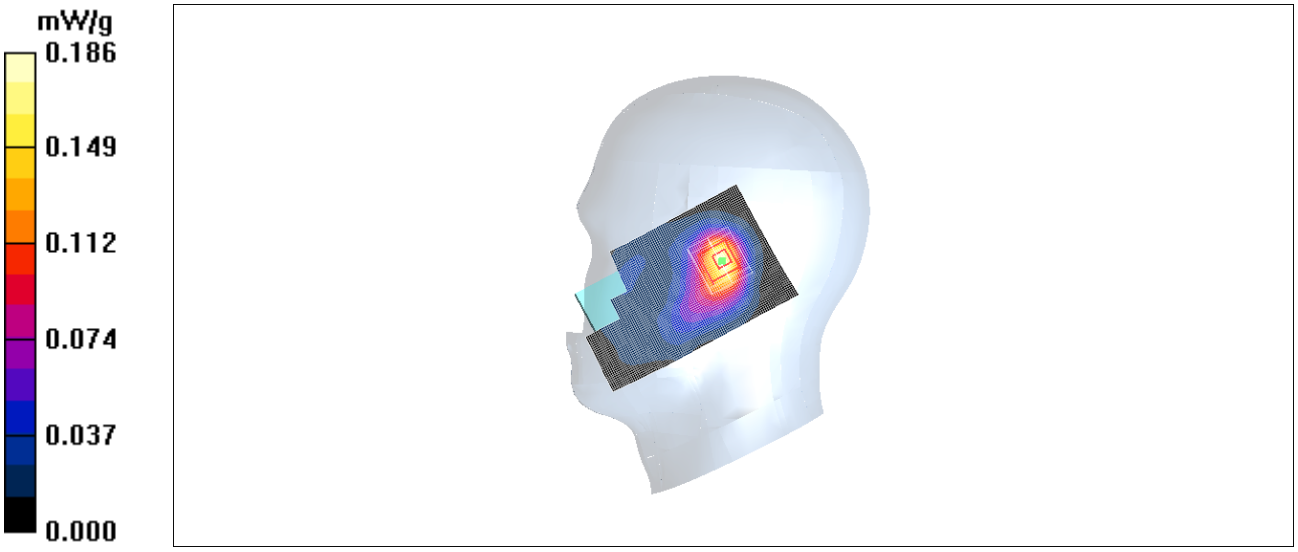

Fig.24 1900 MHz CH512

WCDMA1700 Left Cheek High

Date/Time: 2011-5-17 8:10:24
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.35 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.974 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.94 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.512 mW/g
Maximum value of SAR (measured) = 0.971 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.94 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.443 mW/g
Maximum value of SAR (measured) = 0.729 mW/g

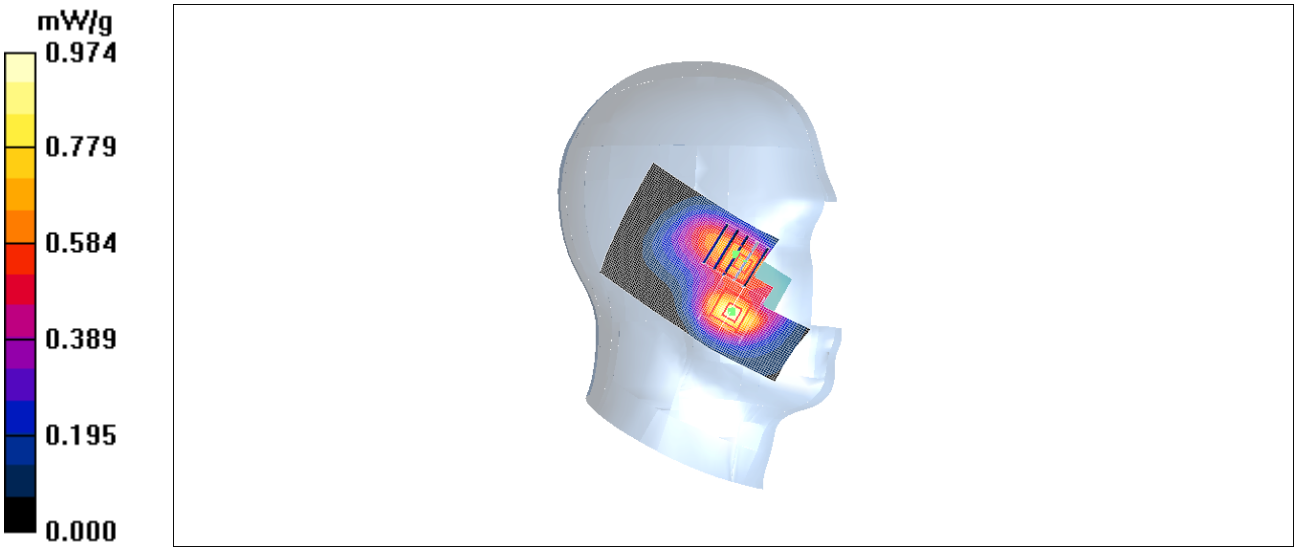

Fig. 25 1700MHz CH1513

WCDMA 1700 Left Cheek Middle

Date/Time: 2011-5-17 8:24:53
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.33 mho/m; εr = 40.7; ρ = 1000 kg/m^3
Ambient Temperature:23°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.69 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.556 mW/g
Maximum value of SAR (measured) = 1.05 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.69 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.760 mW/g

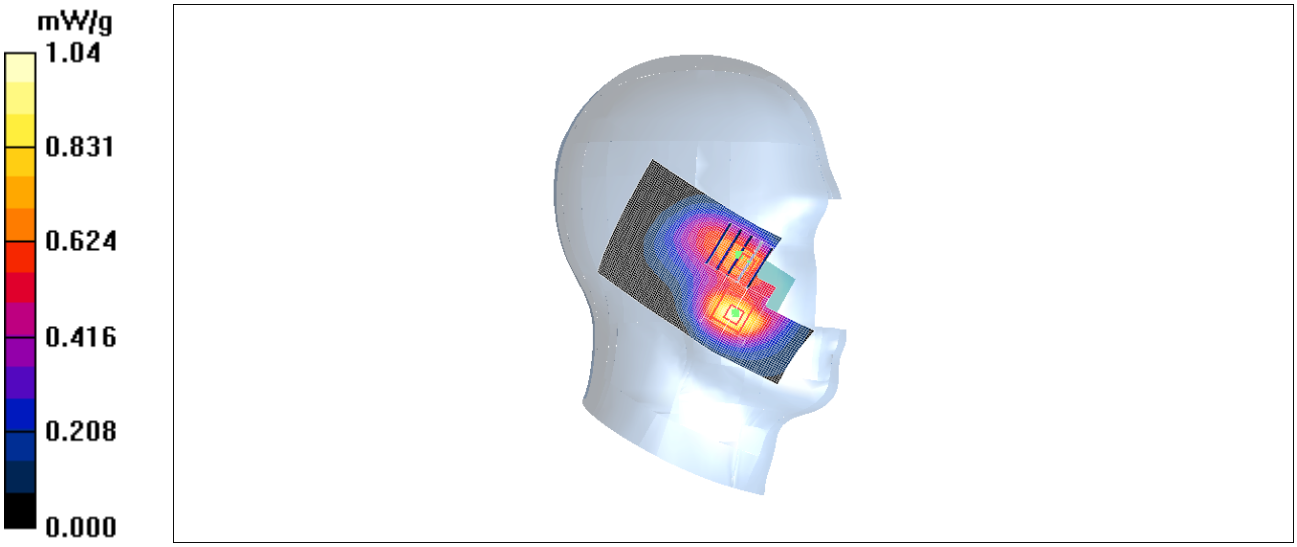

Fig. 26 1700 MHz CH1412

WCDMA 1700 Left Cheek Low

Date/Time: 2011-5-17 8:39:16
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.32 mho/m; εr = 40.8; ρ = 1000 kg/m^3
Ambient Temperature:23°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.866 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.64 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 0.870 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.64 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.770 W/kg
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.374 mW/g
Maximum value of SAR (measured) = 0.614 mW/g

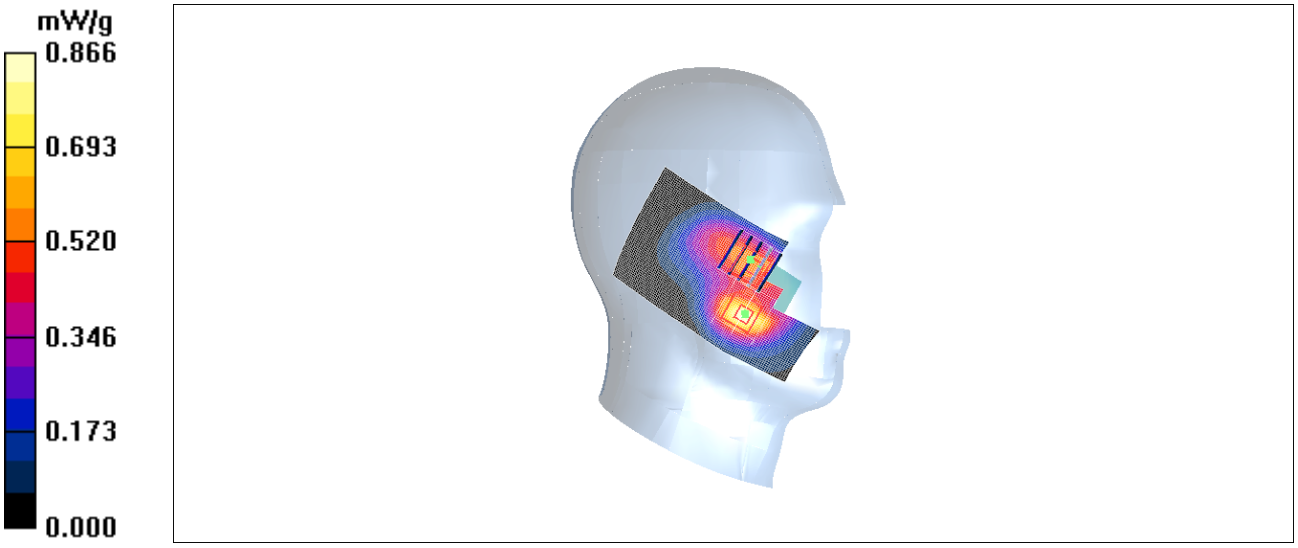

Fig. 27 1700 MHz CH1312

WCDMA 1700 Left Tilt High

Date/Time: 2011-5-17 8:53:57
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.35 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.479 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.607 W/kg
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.460 mW/g

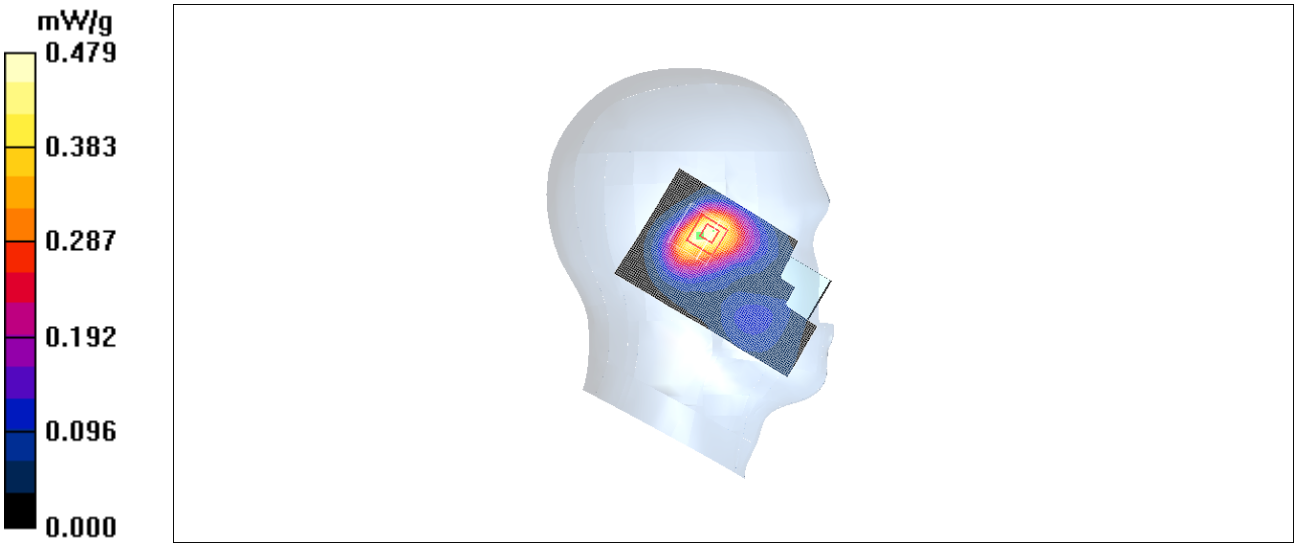

Fig.28 1700 MHz CH1513

WCDMA 1700 Left Tilt Middle

Date/Time: 2011-5-17 9:08:20
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.33 mho/m; εr = 40.7; ρ = 1000 kg/m^3
Ambient Temperature:23°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.504 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.455 mW/g

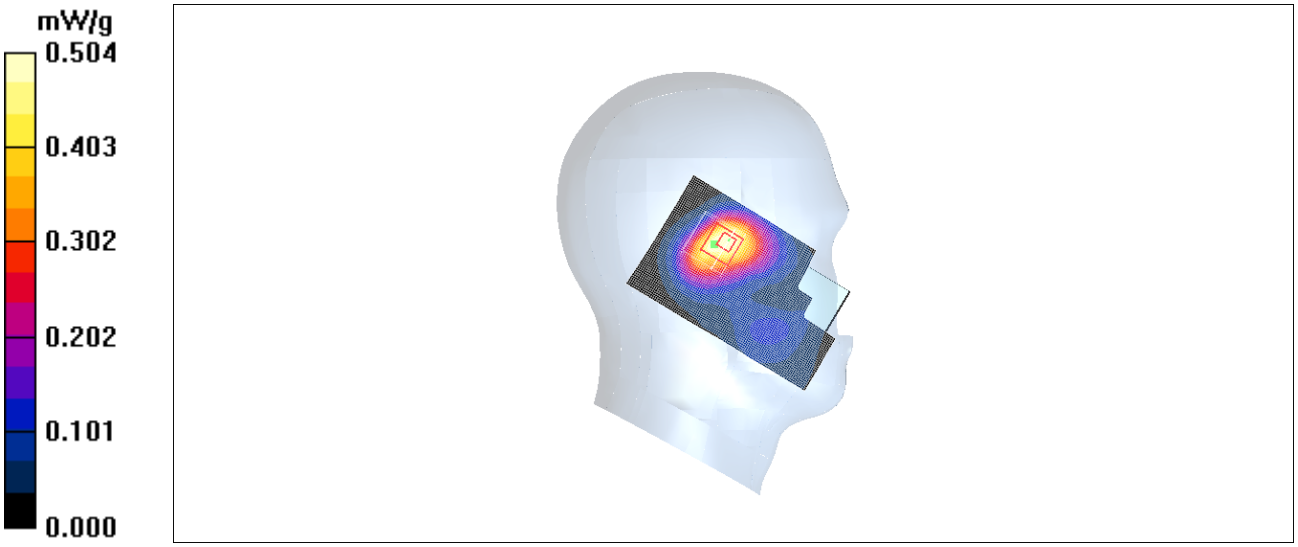

Fig.29 1700 MHz CH1412

WCDMA 1700 Left Tilt Low

Date/Time: 2011-5-17 9:22:43
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.32 mho/m; εr = 40.8; ρ = 1000 kg/m^3
Ambient Temperature:23°C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

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

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.377 mW/g

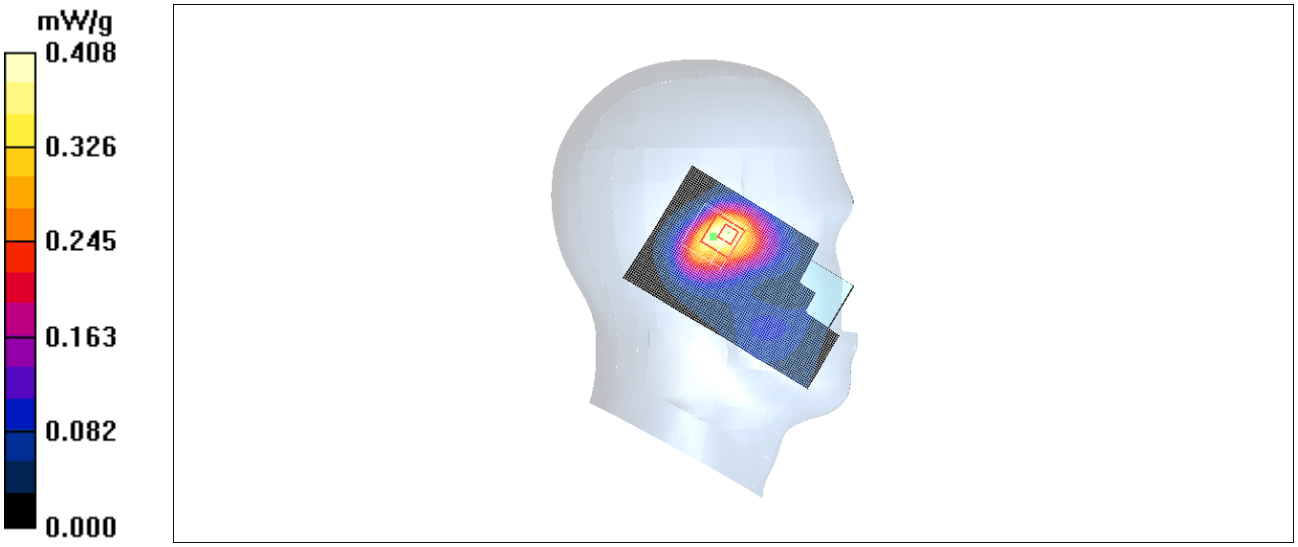

Fig. 30 1700 MHz CH1312

WCDMA 1700 Right Cheek High

Date/Time: 2011-5-17 9:37:34
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.35 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0 °C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

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

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.740 mW/g
Maximum value of SAR (measured) = 1.38 mW/g

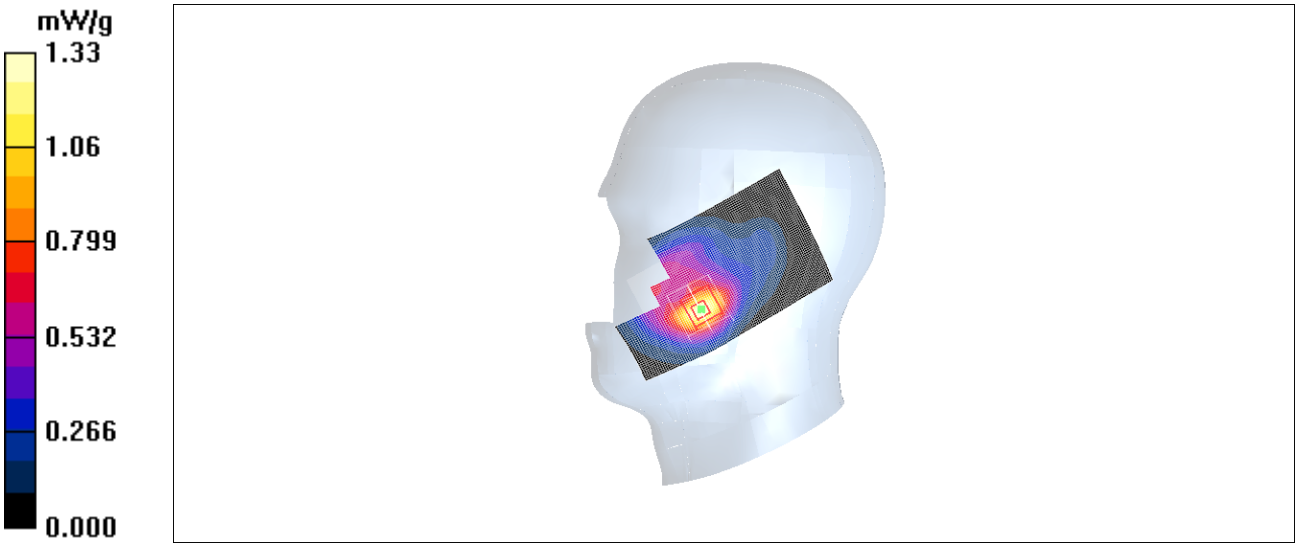

Fig. 31 1700 MHz CH1513

WCDMA 1700 Right Cheek Middle

Date/Time: 2011-5-17 9:51:56
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.33 mho/m; εr = 40.7; ρ = 1000 kg/m^3
Ambient Temperature:23.0 °C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

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

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.776 mW/g
Maximum value of SAR (measured) = 1.43 mW/g

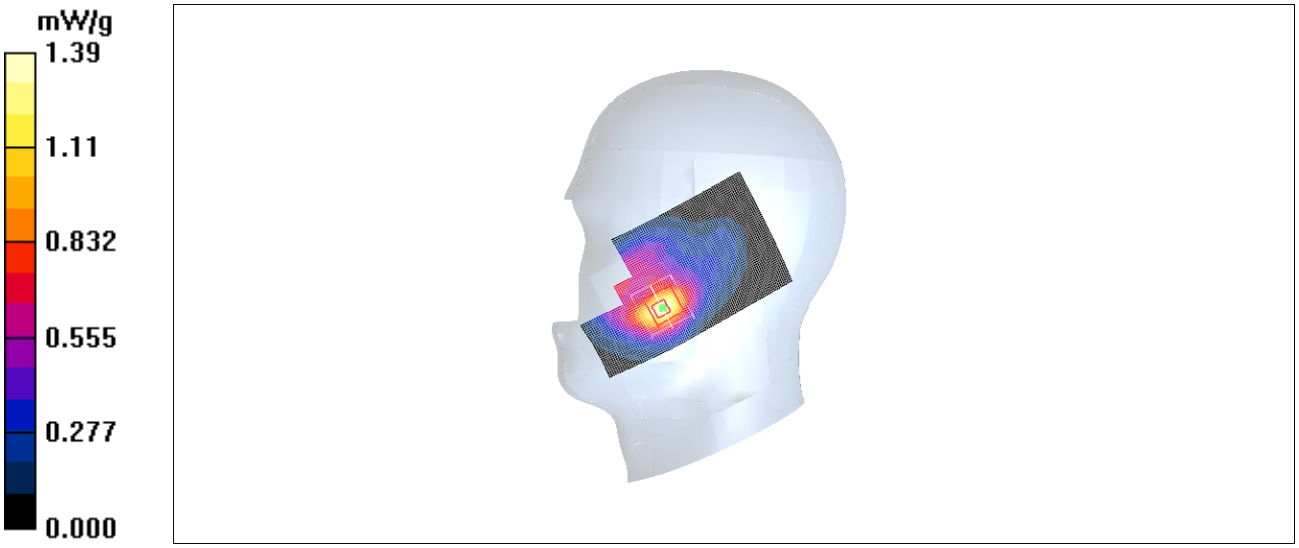

Fig. 32 1700 MHz CH1412

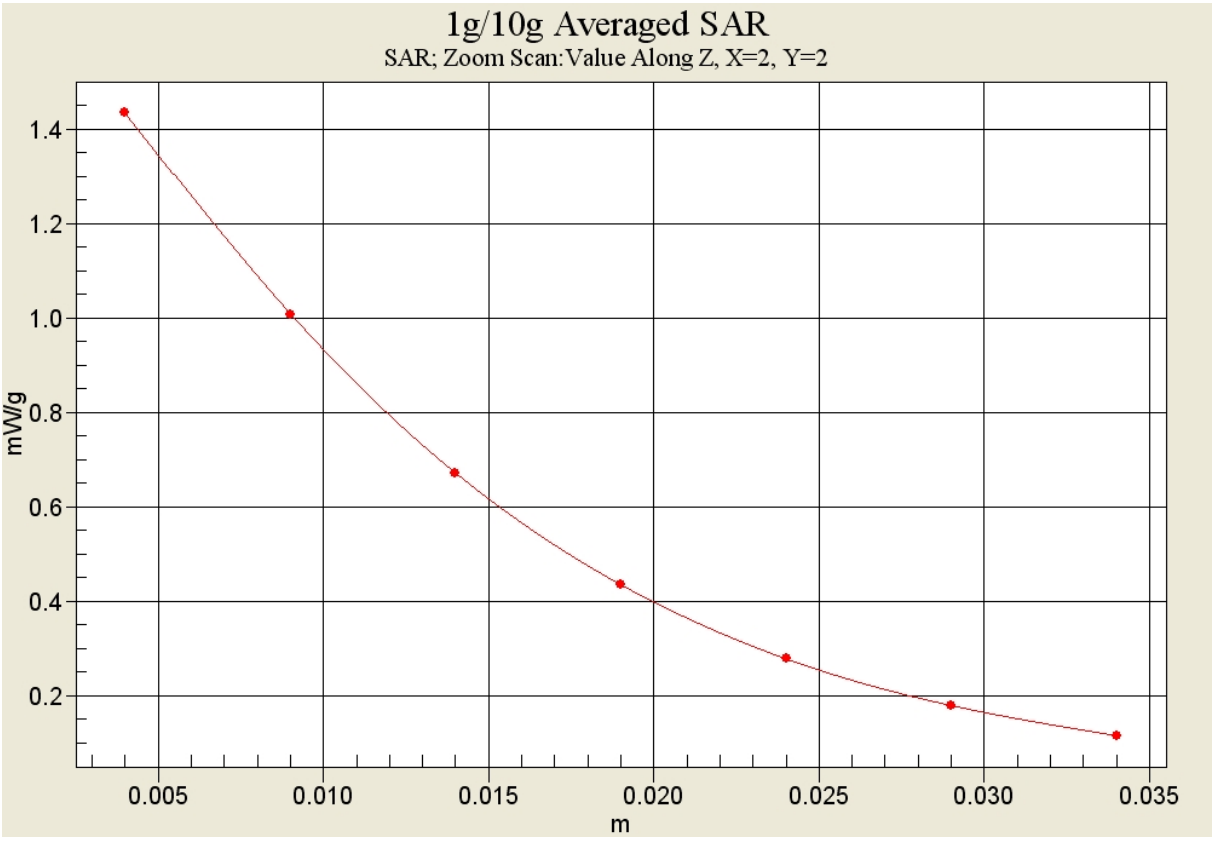

Fig. 32-1 Z-Scan at power reference point (1700 MHz CH1412)

WCDMA 1700 Right Cheek Low

Date/Time: 2011-5-17 10:06:23
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.32 mho/m; εr = 40.8; ρ = 1000 kg/m^3
Ambient Temperature:23.0 °C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Cheek Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.606 mW/g
Maximum value of SAR (measured) = 1.12 mW/g

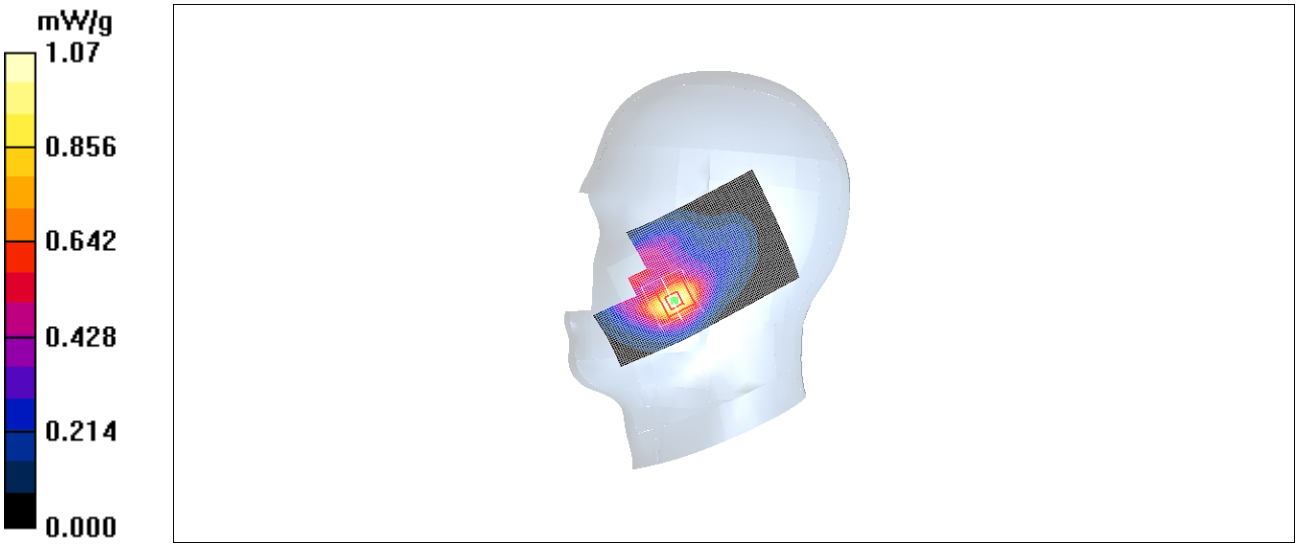

Fig. 33 1700 MHz CH1312

WCDMA 1700 Right Tilt High

Date/Time: 2011-5-17 10:20:48
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.35 mho/m; εr = 40.6; ρ = 1000 kg/m^3
Ambient Temperature:23.0 °C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1752.6 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.486 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.450 mW/g

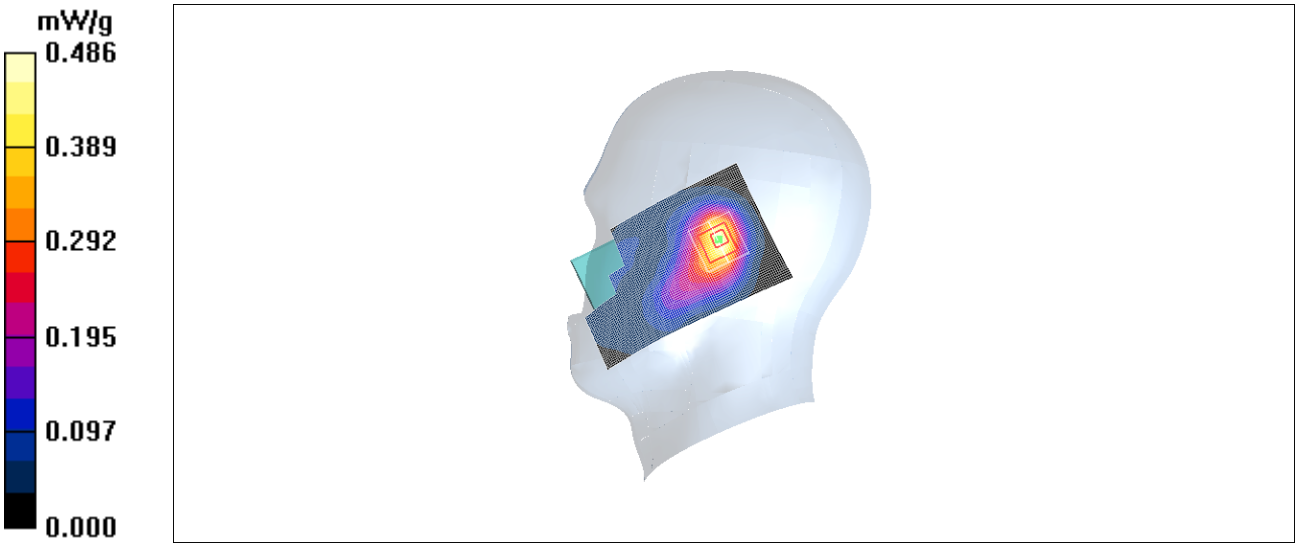

Fig.34 1700 MHz CH1513

WCDMA 1700 Right Tilt Middle

Date/Time: 2011-5-17 10:35:14
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.33 mho/m; εr = 40.7; ρ = 1000 kg/m^3
Ambient Temperature:23.0 °C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1732.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.501 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.470 mW/g

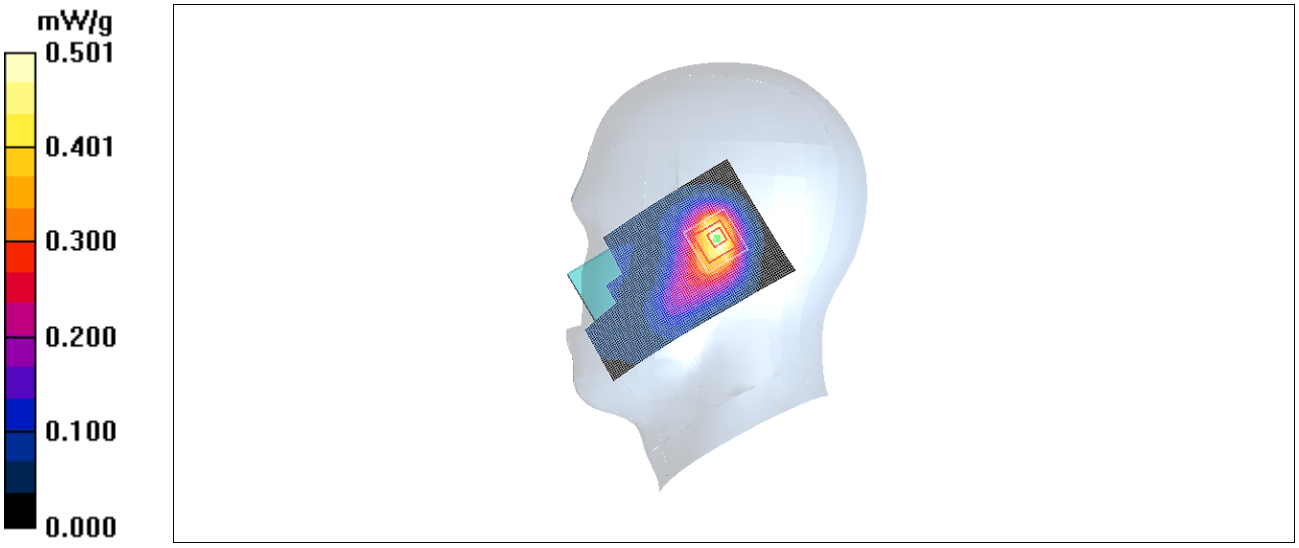

Fig.35 1700 MHz CH1412

WCDMA 1700 Right Tilt Low
Date/Time: 2011-5-17 10:49:38
Electronics: DAE4 Sn771
Medium: Head 1800 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.32 mho/m; εr = 40.8; ρ = 1000 kg/m^3
Ambient Temperature:23.0 °C Liquid Temperature: 22.5°C
Communication System: WCDMA 1700 Frequency: 1712.4 MHz Duty Cycle: 1:1
Probe: ES3DV3 - SN3149 ConvF(5.18, 5.18, 5.18)

Tilt Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.418 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.7 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.388 mW/g

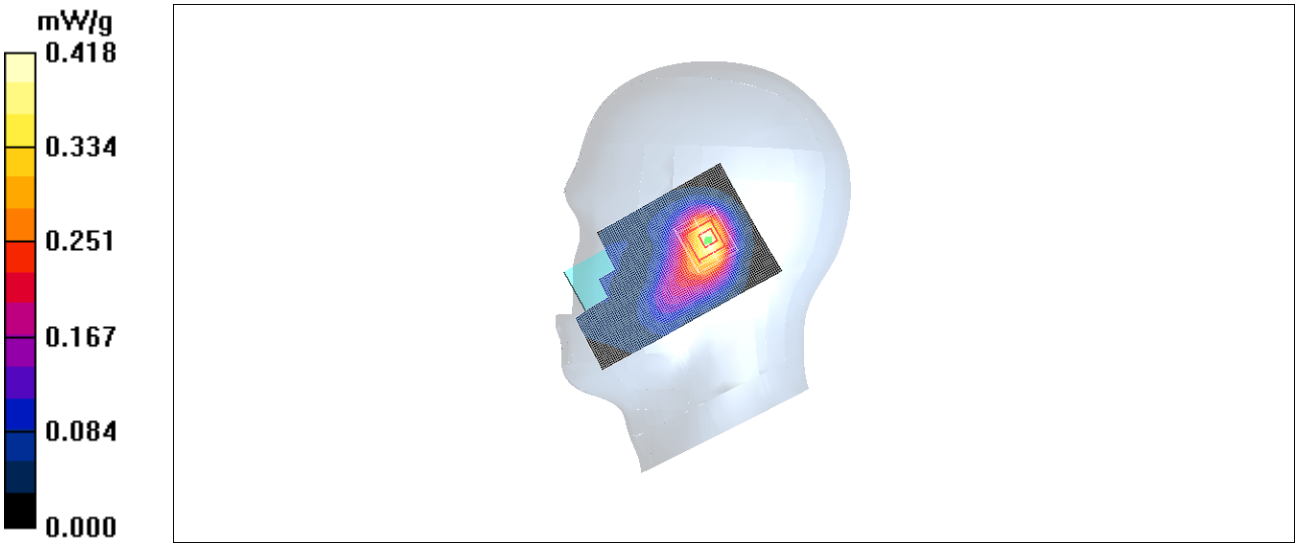

Fig. 36 1700 MHz CH1312

850 Body Towards Phantom High with GPRS

Date/Time: 2011-5-15 13:59:37
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.94 mho/m; εr = 54.5; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:2
Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom High/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Toward Phantom High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.778 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

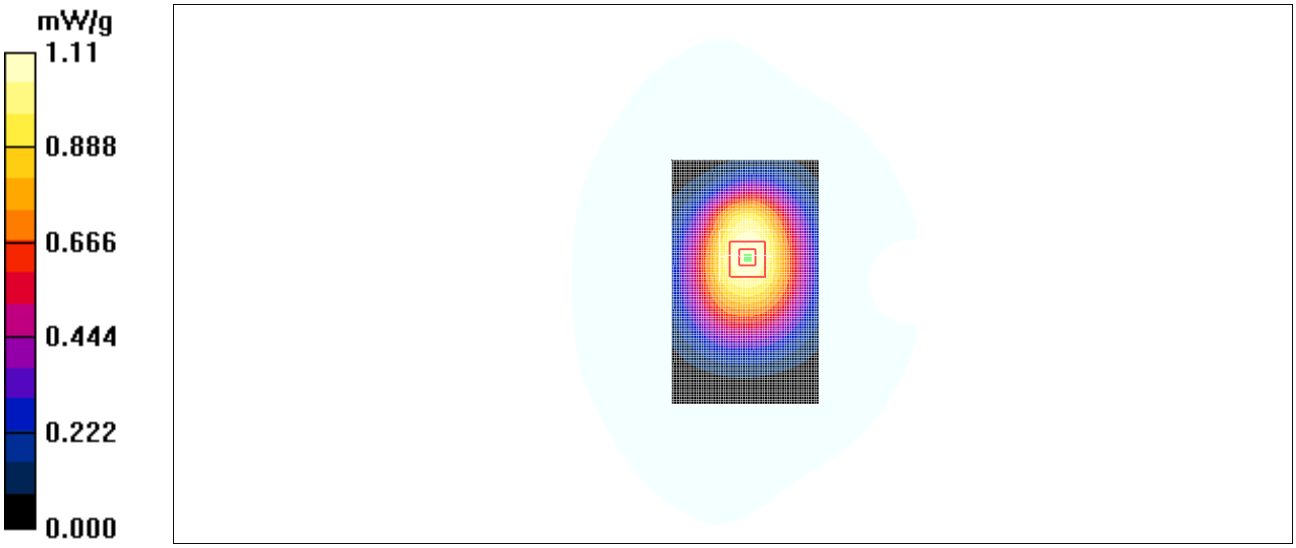

Fig. 37 850 MHz CH251

850 Body Towards Phantom Middle with GPRS

Date/Time: 2011-5-15 14:15:18
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.95 mho/m; εr = 54.8; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 836.6 MHz Duty Cycle: 1:2
Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Middle/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.50 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.779 mW/g
Maximum value of SAR (measured) = 1.14 mW/g

Toward Phantom Middle/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = -0.142 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.719 mW/g
Maximum value of SAR (measured) = 1.03 mW/g

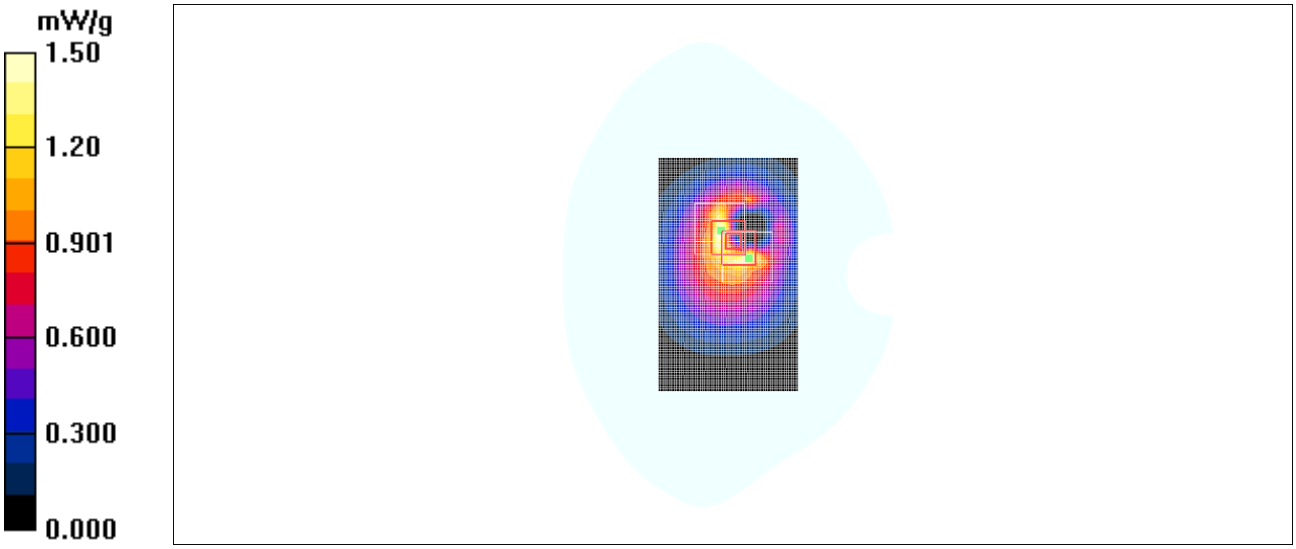

Fig. 38 850 MHz CH190

850 Body Towards Phantom Low with GPRS

Date/Time: 2011-5-15 13:44:09
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used: f = 825 MHz; σ = 0.93 mho/m; εr = 55.8; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 824.2 MHz Duty Cycle: 1:2
Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

Toward Phantom Low/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Toward Phantom Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.848 mW/g
Maximum value of SAR (measured) = 1.21 mW/g

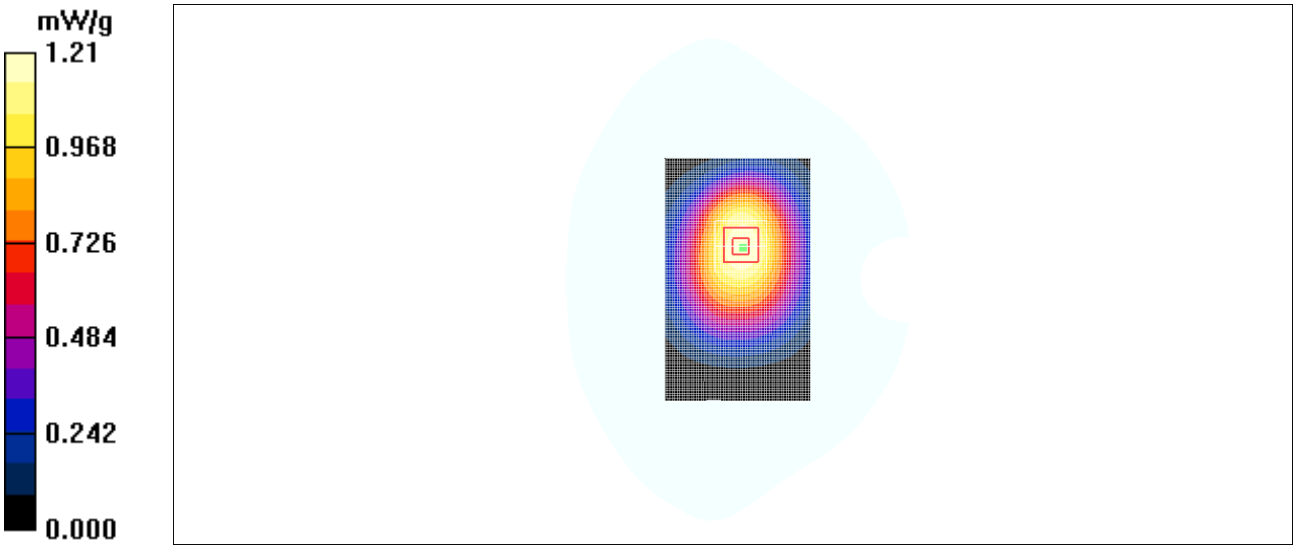

Fig. 39 850 MHz CH128

850 Body Towards Ground High with GPRS

Date/Time: 2011-5-15 14:46:30
Electronics: DAE4 Sn771
Medium: Body 850 MHz
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.94 mho/m; εr = 54.5; ρ = 1000 kg/m^3
Ambient Temperature:23.0°C Liquid Temperature: 22.5°C
Communication System: GSM 850 GPRS Frequency: 848.8 MHz Duty Cycle: 1:2
Probe: ES3DV3 - SN3149 ConvF(6.22, 6.22, 6.22)

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

Toward Ground High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.1 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.869 mW/g
Maximum value of SAR (measured) = 1.27 mW/g

Toward Ground High/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.1 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.14 mW/g

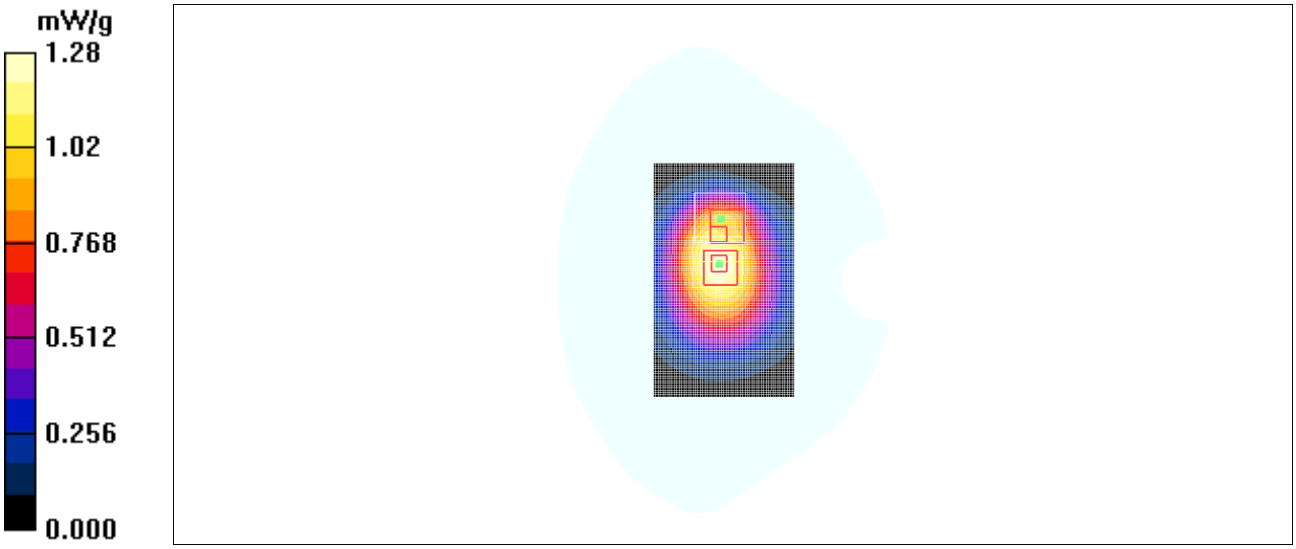

Fig. 40 850 MHz CH251