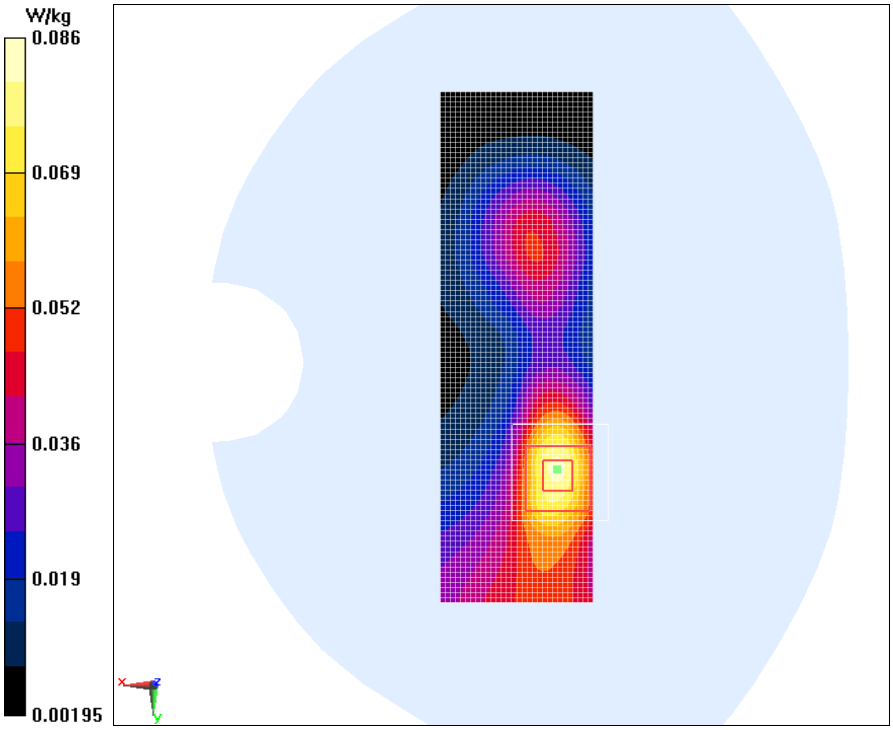
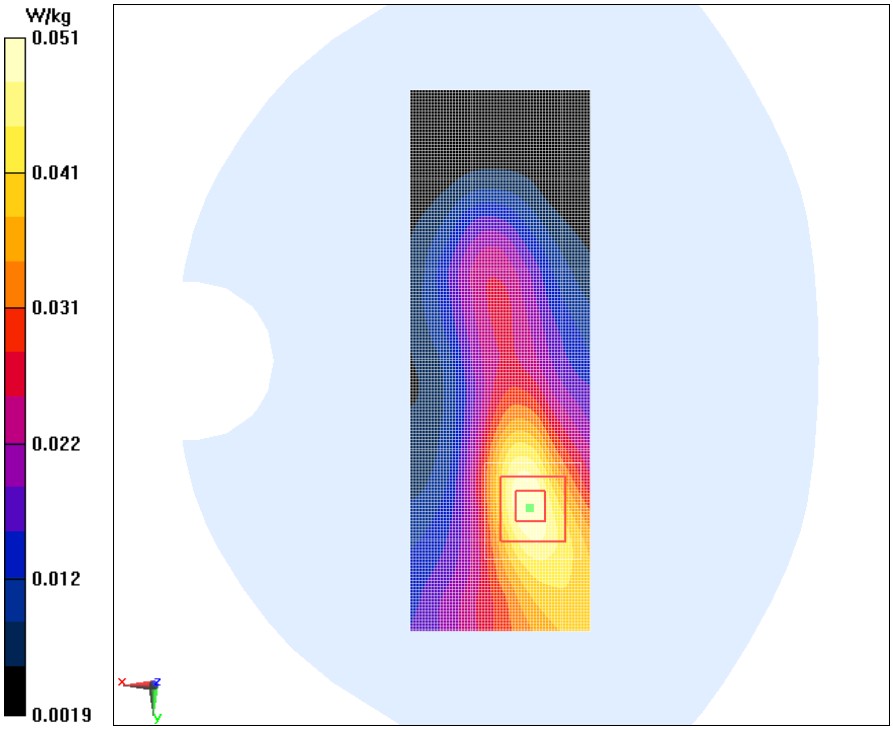
GPRS 1900MHz 4TS Left Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1880 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
GPRS 1900MHz 4TS Left Mode Middle/Area Scan (31x101x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0827 W/kg
GPRS 1900MHz 4TS Left Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.081 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.046 W/kg
Maximum value of SAR (measured) = 0.0859 W/kg



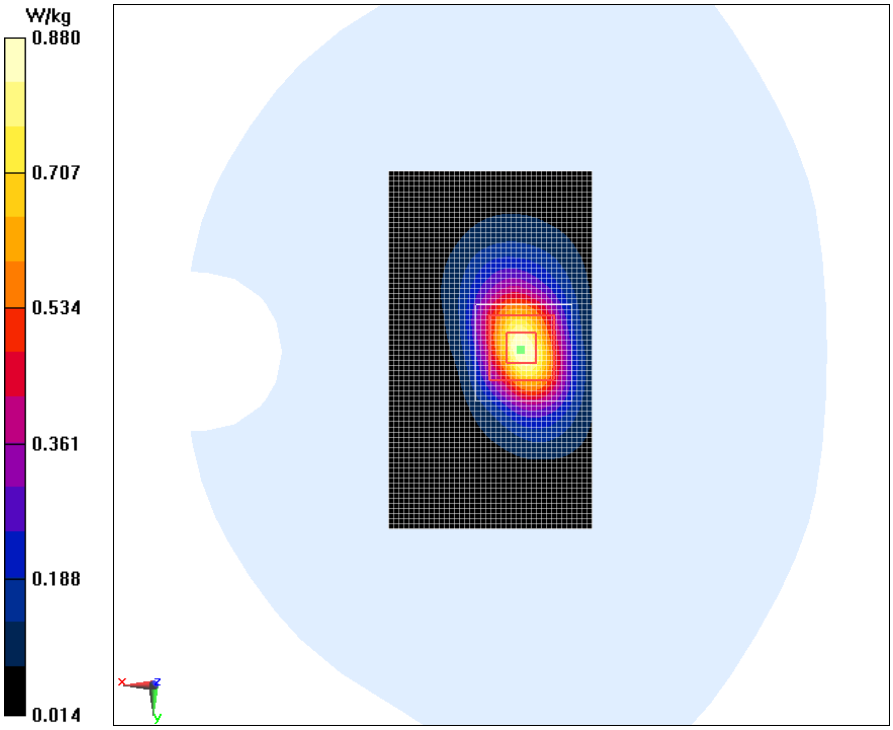
GPRS 1900MHz 4TS Right Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1880 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
GPRS 1900MHz 4TS Right Mode Middle/Area Scan (61x181x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0514 W/kg
GPRS 1900MHz 4TS Right Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.223 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0510 W/kg



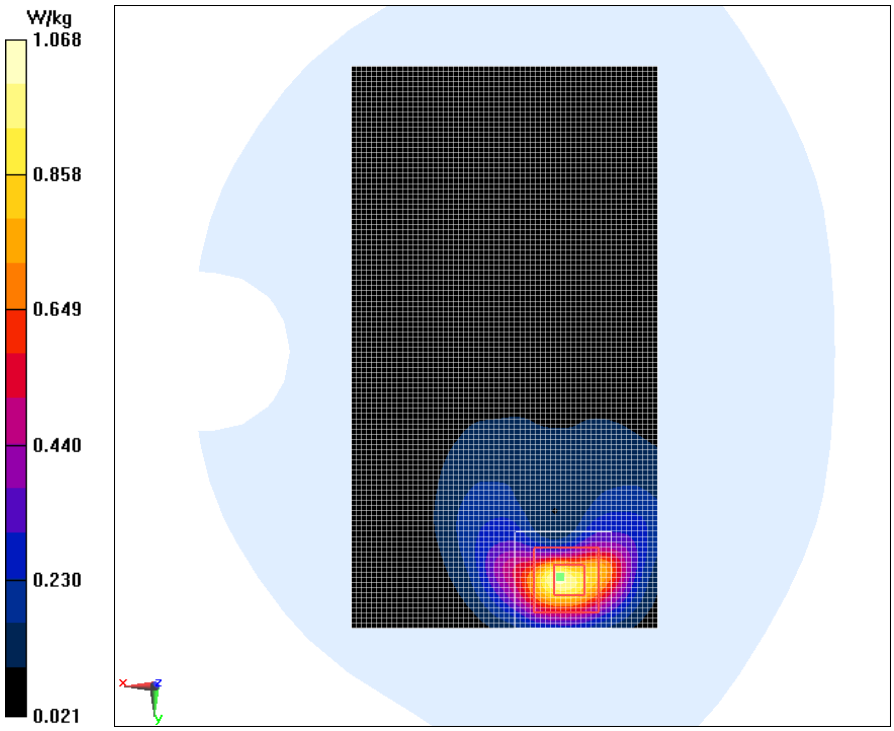
GPRS 1900MHz 4TS Bottom Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1880 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
GPRS 1900MHz 4TS Bottom Mode Middle/Area Scan (41x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.905 W/kg
GPRS 1900MHz 4TS Bottom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.236 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 0.880 W/kg



GPRS 1900MHz 4TS Ground Mode Low

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 53.44; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
GPRS 1900MHz 4TS Ground Mode Low/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.01 W/kg
GPRS 1900MHz 4TS Ground Mode Low/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.362 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (measured) = 1.07 W/kg

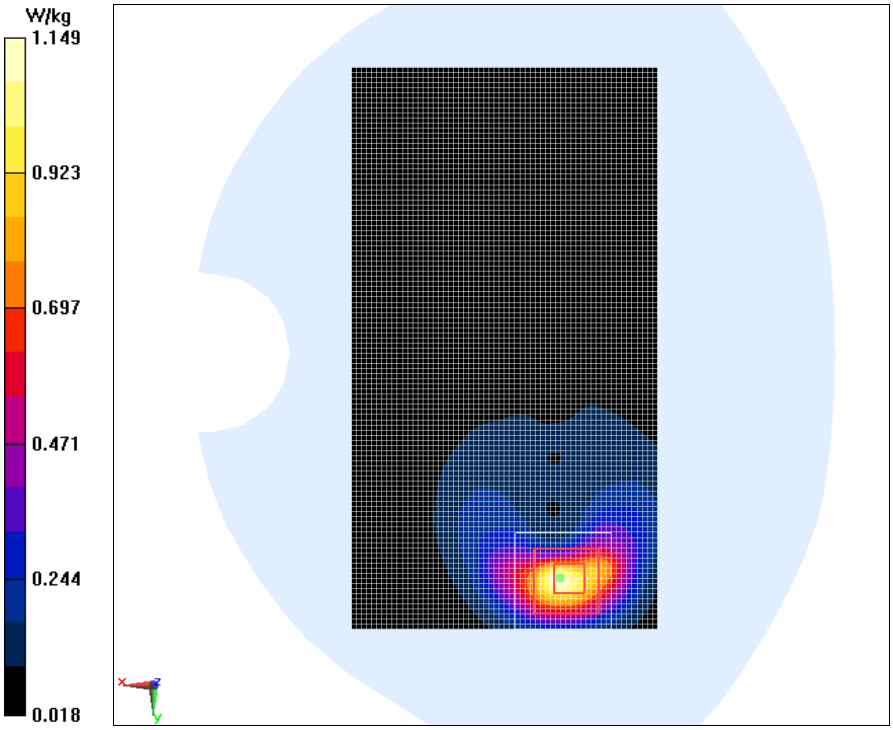


GPRS 1900MHz 4TS Ground Mode High

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1910 MHz; σ = 1.534 S/m; ε_r = 53.187; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

GPRS 1900MHz 4TS Ground Mode High/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.13 W/kg

GPRS 1900MHz 4TS Ground Mode High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.148 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.528 W/kg
Maximum value of SAR (measured) = 1.15 W/kg

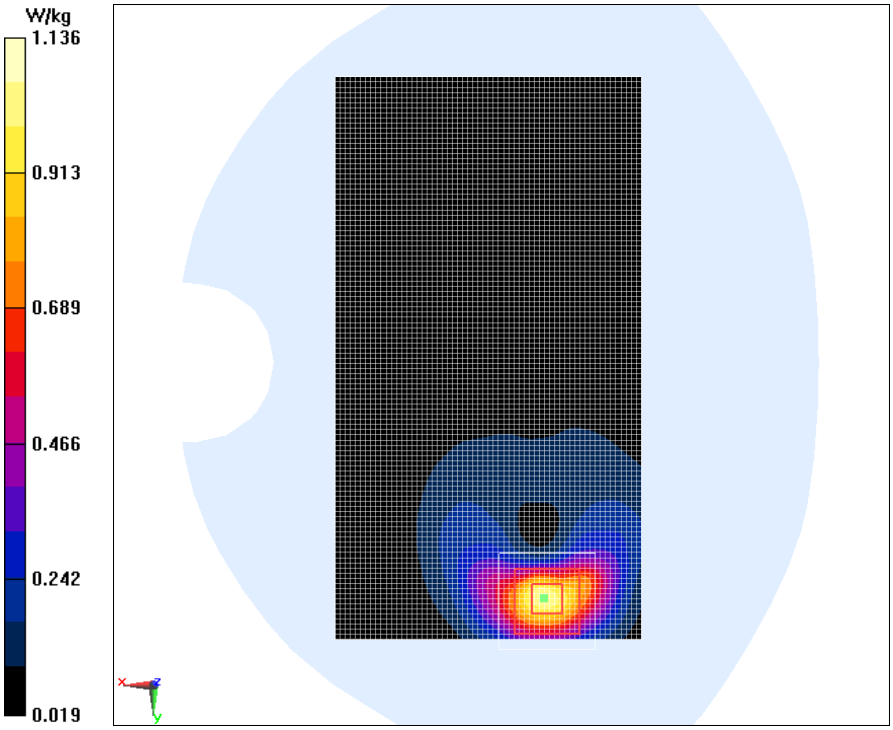


E-GPRS 1900MHz 4TS Ground Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS (0); Frequency: 1880 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

E-GPRS 1900MHz 4TS Ground Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.06 W/kg

E-GPRS 1900MHz 4TS Ground Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.400 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.522 W/kg
Maximum value of SAR (measured) = 1.14 W/kg

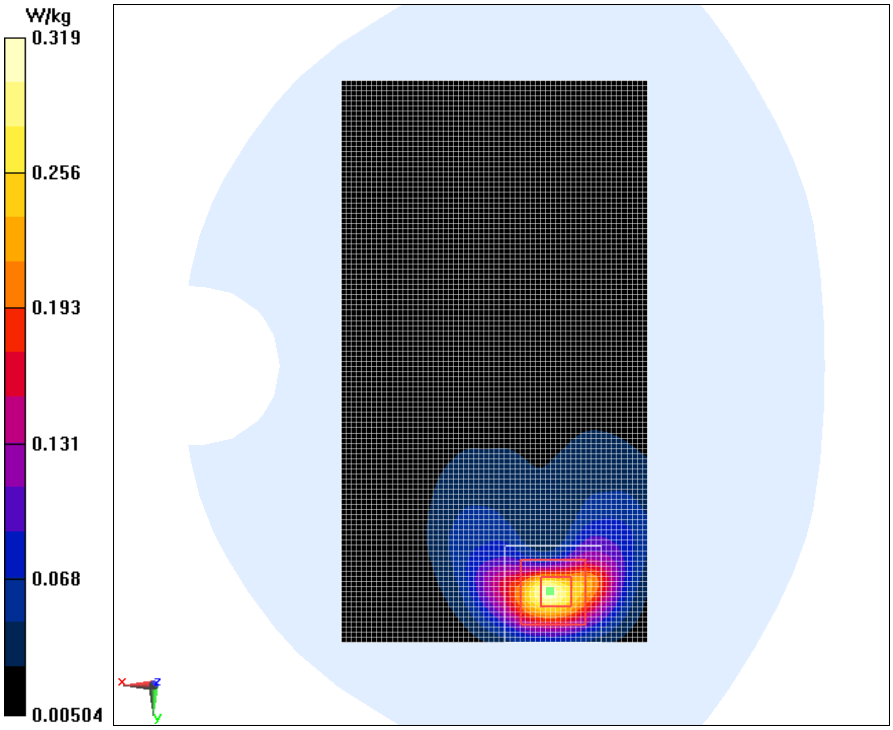


GSM 1900MHz Ground Mode Middle With Headset

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM Professional 1900MHz; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

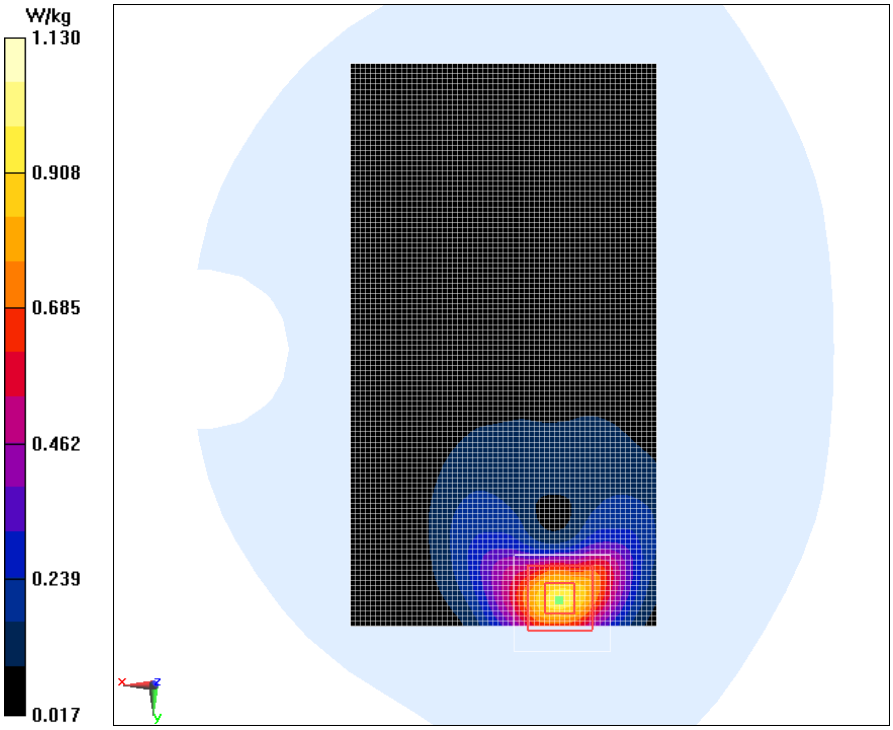
GSM 1900MHz Ground Mode Middle With Headset/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.314 W/kg

GSM 1900MHz Ground Mode Middle With Headset/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.784 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.319 W/kg



GPRS 1900MHz 4TS Ground Mode Middle 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1880 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
GPRS 1900MHz 4TS Ground Mode Middle 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.960 W/kg
GPRS 1900MHz 4TS Ground Mode Middle 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.903 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.539 W/kg
Maximum value of SAR (measured) = 1.13 W/kg

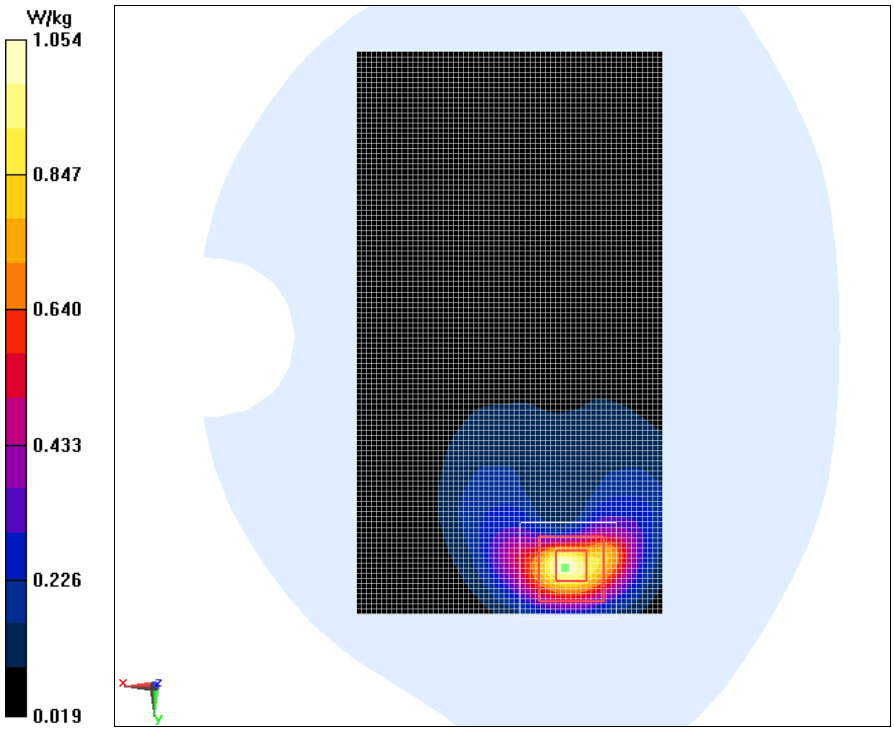


GPRS 1900MHz 4TS Ground Mode Low 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 53.44; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

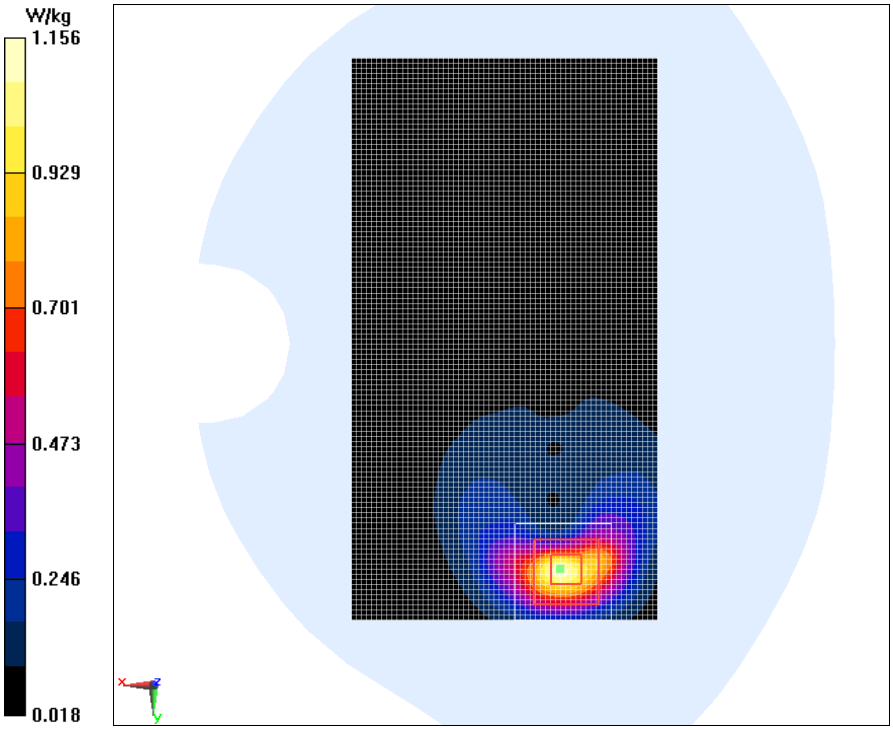
GPRS 1900MHz 4TS Ground Mode Low 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.04 W/kg

GPRS 1900MHz 4TS Ground Mode Low 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.340 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.492 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



GPRS 1900MHz 4TS Ground Mode High 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1910 MHz; σ = 1.534 S/m; ε_r = 53.187; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
GPRS 1900MHz 4TS Ground Mode High 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.13 W/kg
GPRS 1900MHz 4TS Ground Mode High 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.146 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.529 W/kg
Maximum value of SAR (measured) = 1.16 W/kg

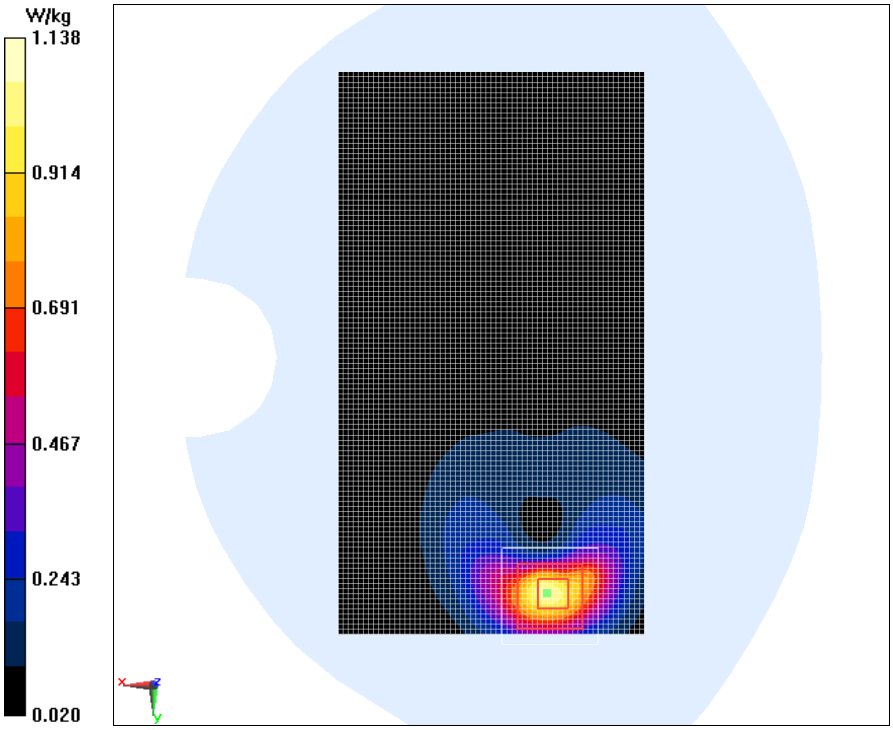


E-GPRS 1900MHz 4TS Ground Mode Middle 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS (0); Frequency: 1880 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

E-GPRS 1900MHz 4TS Ground Mode Middle 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.06 W/kg

E-GPRS 1900MHz 4TS Ground Mode Middle 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.318 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (measured) = 1.14 W/kg

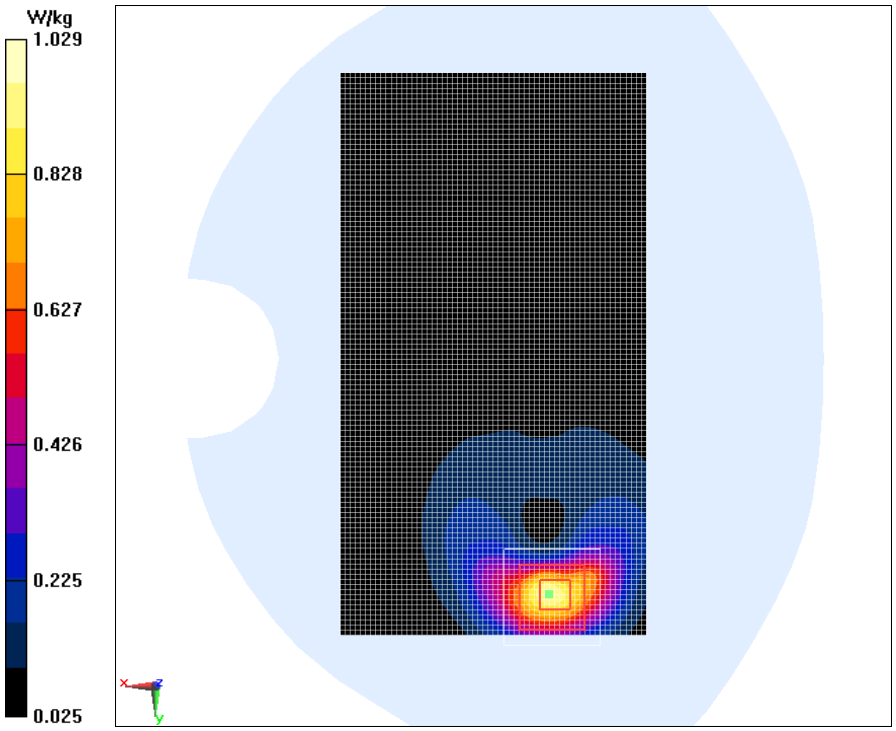


E-GPRS 1900MHz 4TS Ground Mode Low

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 53.44; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

E-GPRS 1900MHz 4TS Ground Mode Low/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.05 W/kg

E-GPRS 1900MHz 4TS Ground Mode Low/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.468 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

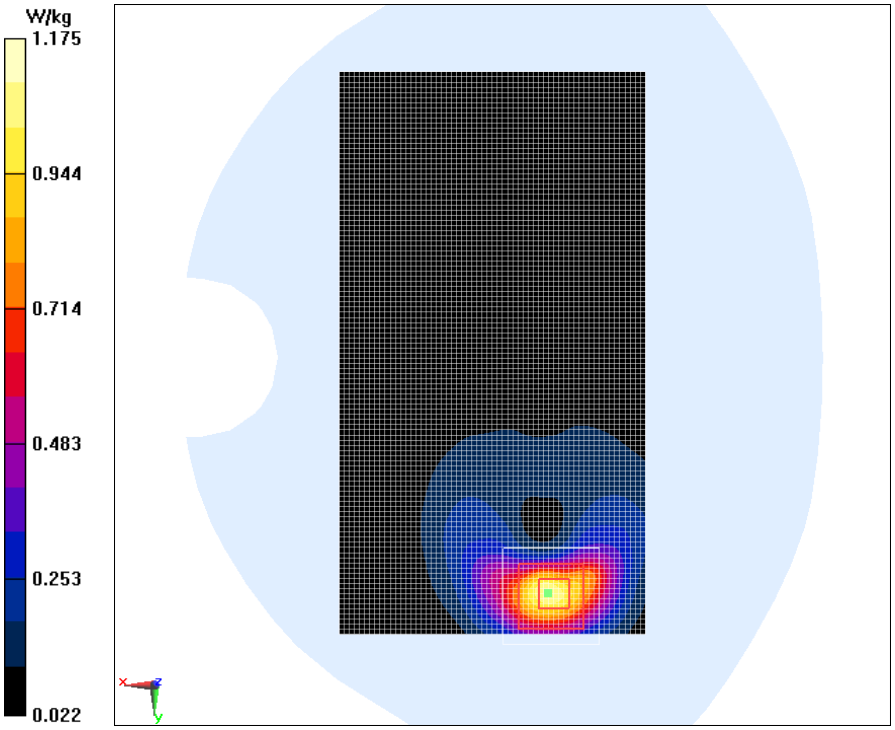


E-GPRS 1900MHz 4TS Ground Mode High

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1910 MHz; σ = 1.534 S/m; ε_r = 53.187; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

E-GPRS 1900MHz 4TS Ground Mode High/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.17 W/kg

E-GPRS 1900MHz 4TS Ground Mode High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.589 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.529 W/kg
Maximum value of SAR (measured) = 1.18 W/kg

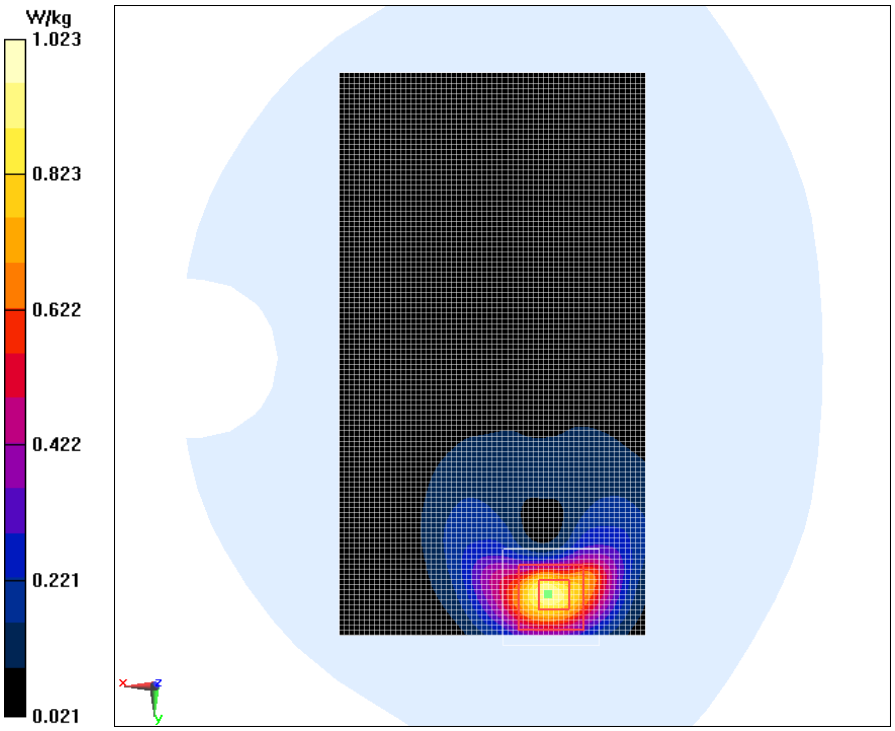


E-GPRS 1900MHz 4TS Ground Mode Low 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.475 S/m; ε_r = 53.44; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1850.2 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

E-GPRS 1900MHz 4TS Ground Mode Low 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.04 W/kg

E-GPRS 1900MHz 4TS Ground Mode Low 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.498 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (measured) = 1.02 W/kg

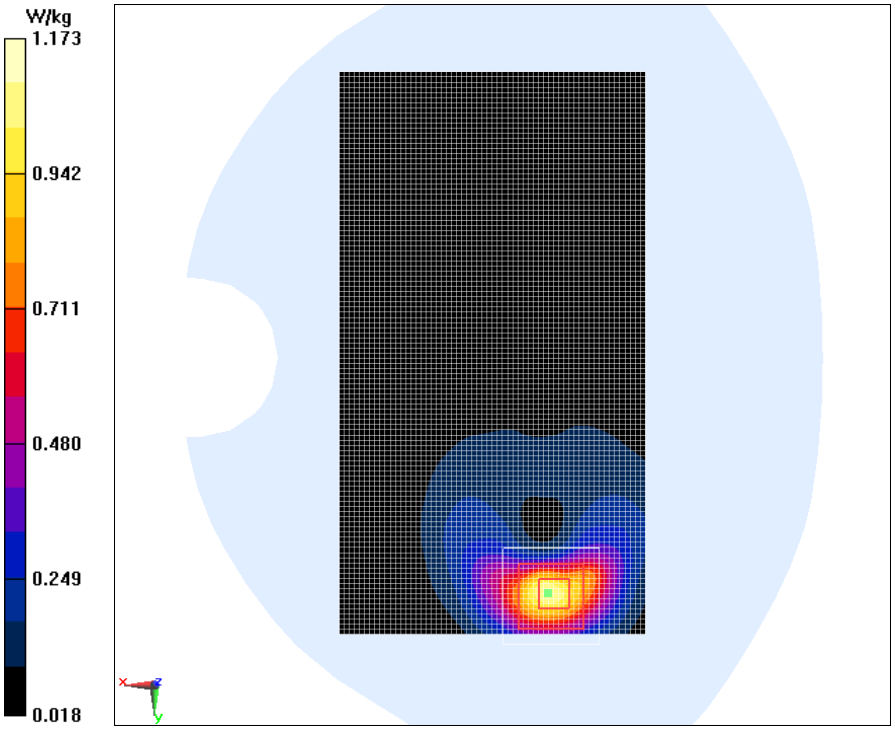


E-GPRS 1900MHz 4TS Ground Mode High 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1910 MHz; σ = 1.534 S/m; ε_r = 53.187; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: GSM 1900MHz GPRS 4TS; Frequency: 1909.8 MHz; Duty Cycle: 1:2
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

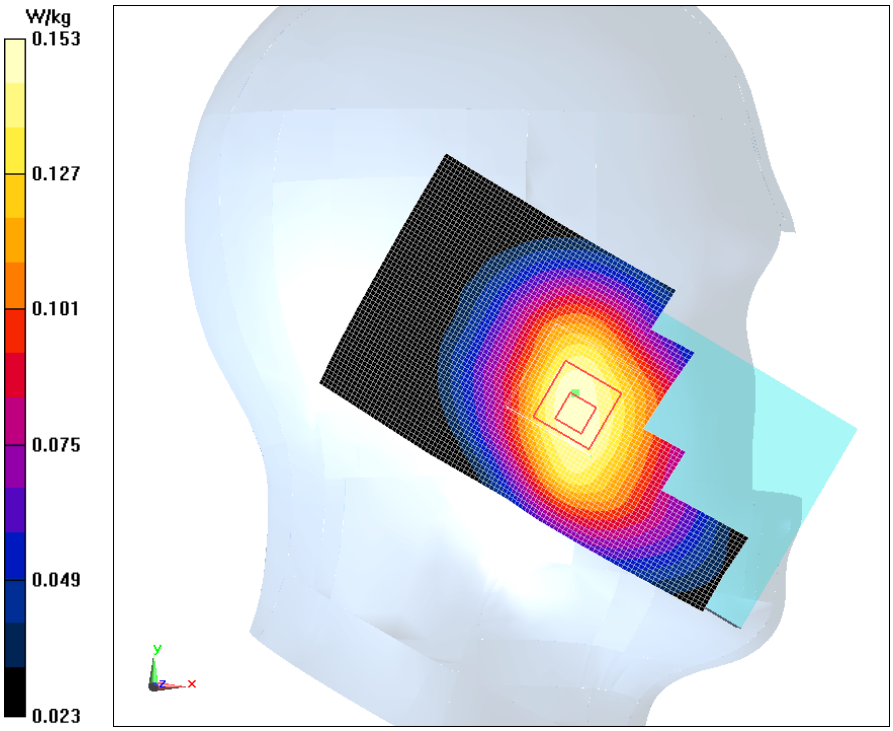
E-GPRS 1900MHz 4TS Ground Mode High 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 1.16 W/kg

E-GPRS 1900MHz 4TS Ground Mode High 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.572 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.524 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



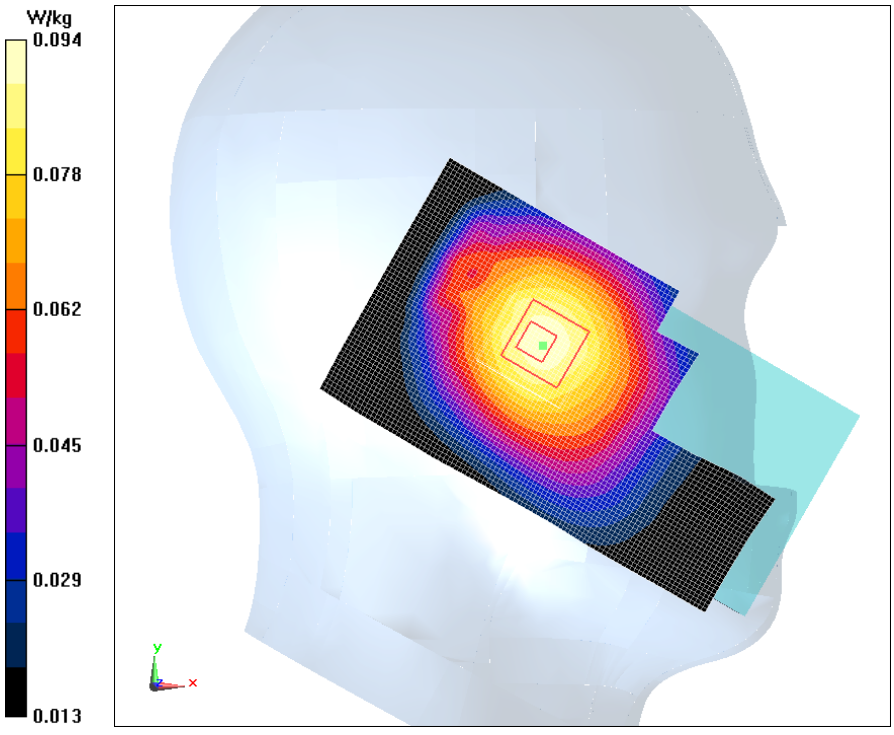
WCDMA Band5 Left Cheek Middle

Date/Time: 2014/2/10
Electronics: DAE4 Sn1244
Medium: Head 850MHz
Medium parameters used: f = 837 MHz; σ = 0.919 S/m; ε_r = 40.986; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013
WCDMA Band5 Left Cheek Middle/Area Scan (121x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.154 W/kg
WCDMA Band5 Left Cheek Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.008 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.153 W/kg



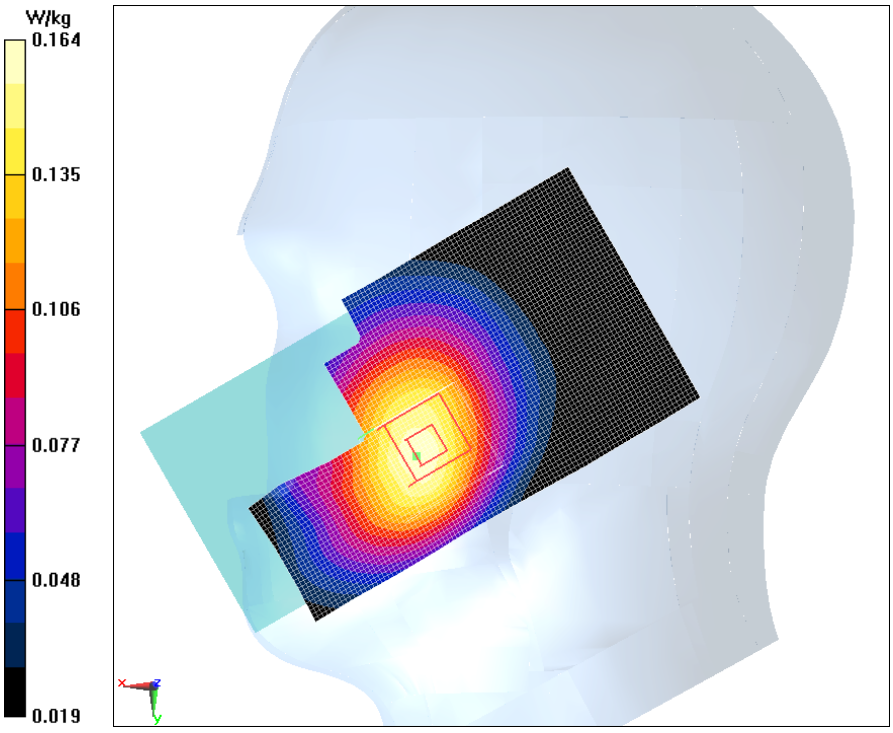
WCDMA Band5 Left Tilt Middle

Date/Time: 2014/2/10
Electronics: DAE4 Sn1244
Medium: Head 850MHz
Medium parameters used: f = 837 MHz; σ = 0.919 S/m; ε_r = 40.986; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013
WCDMA Band5 Left Tilt Middle/Area Scan (121x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0922 W/kg
WCDMA Band5 Left Tilt Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.075 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.0940 W/kg



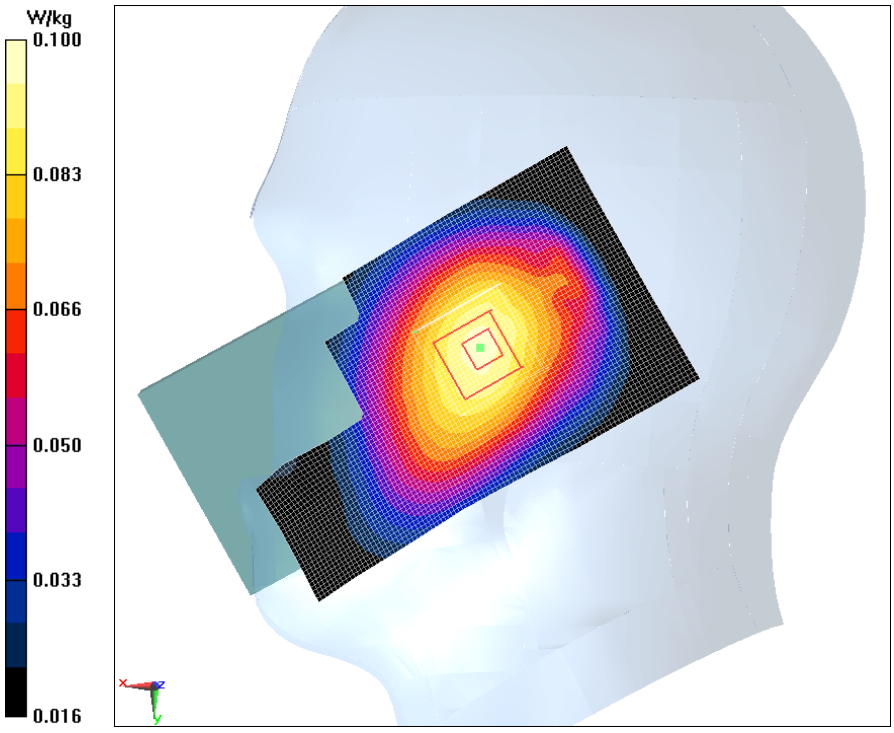
WCDMA Band5 Right Cheek Middle

Date/Time: 2014/2/10
Electronics: DAE4 Sn1244
Medium: Head 850MHz
Medium parameters used: f = 837 MHz; σ = 0.919 S/m; ε_r = 40.986; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013
WCDMA Band5 Right Cheek Middle/Area Scan (121x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.164 W/kg
WCDMA Band5 Right Cheek Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.105 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.164 W/kg



WCDMA Band5 Right Tilt Middle

Date/Time: 2014/2/10
Electronics: DAE4 Sn1244
Medium: Head 850MHz
Medium parameters used: f = 837 MHz; σ = 0.919 S/m; ε_r = 40.986; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013
WCDMA Band5 Right Tilt Middle/Area Scan (121x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0970 W/kg
WCDMA Band5 Right Tilt Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.911 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.073 W/kg
Maximum value of SAR (measured) = 0.0998 W/kg

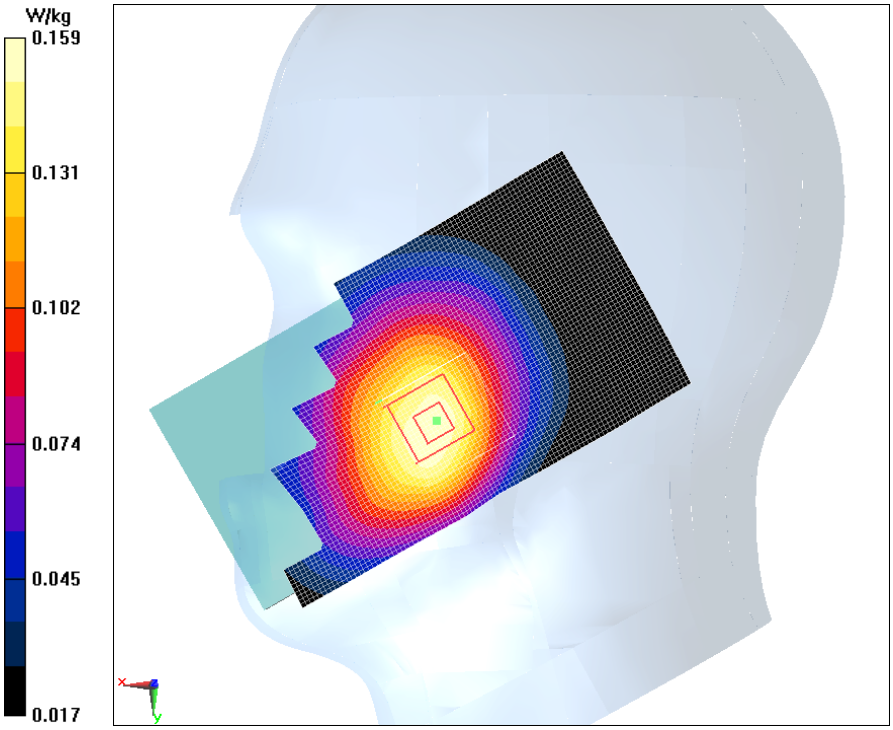


WCDMA Band5 Right Cheek Low

Date/Time: 2014/2/10
Electronics: DAE4 Sn1244
Medium: Head 850MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.911 S/m; ε_r = 41.264; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013

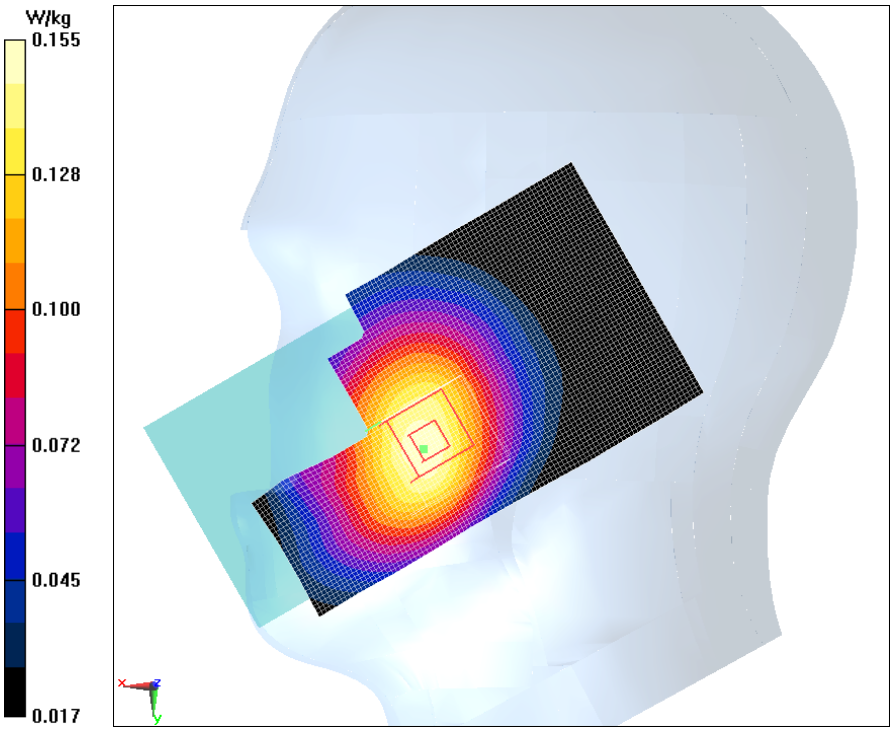
WCDMA Band5 Right Cheek Low/Area Scan (111x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.158 W/kg

WCDMA Band5 Right Cheek Low/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.087 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.159 W/kg



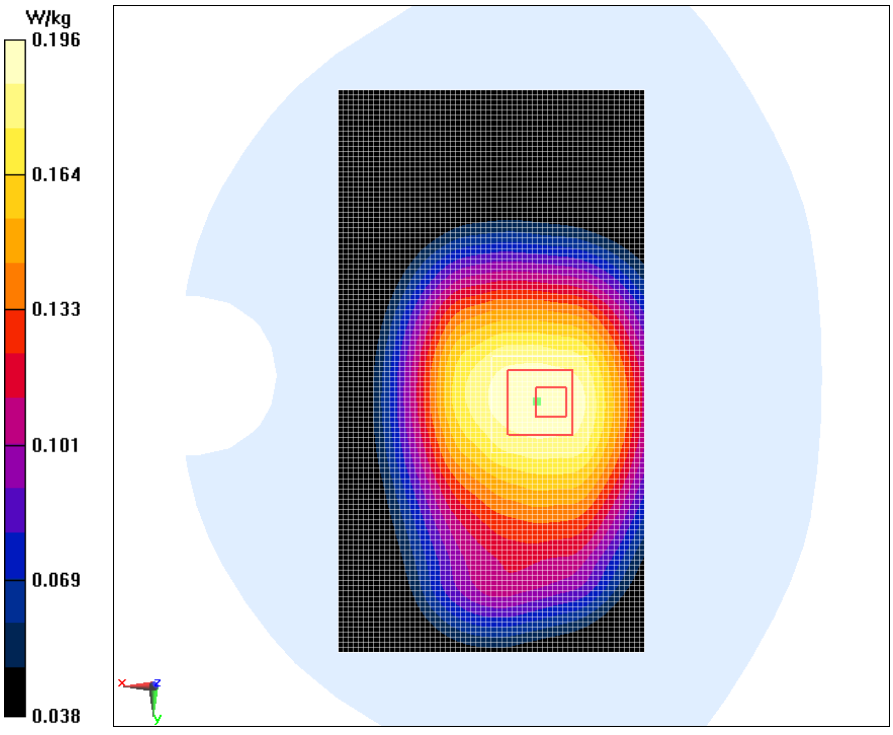
WCDMA Band5 Right Cheek High

Date/Time: 2014/2/10
Electronics: DAE4 Sn1244
Medium: Head 850MHz
Medium parameters used: f = 847 MHz; σ = 0.927 S/m; ε_r = 40.809; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013
WCDMA Band5 Right Cheek High/Area Scan (121x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.157 W/kg
WCDMA Band5 Right Cheek High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.940 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.155 W/kg



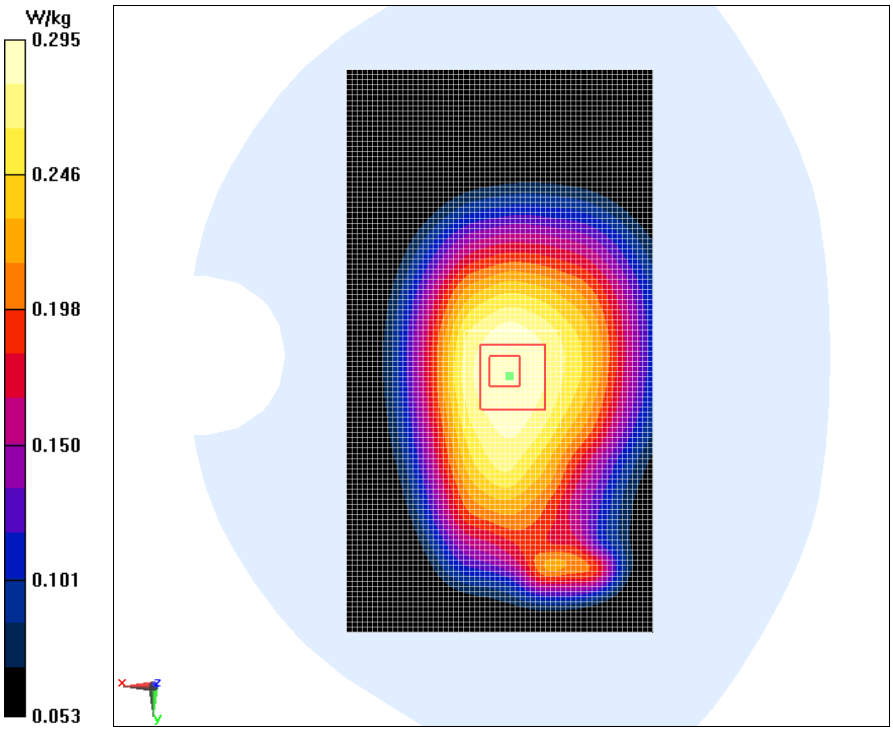
WCDMA Band5 Phantom Mode Middle

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.152; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Phantom Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.195 W/kg
WCDMA Band5 Phantom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.016 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



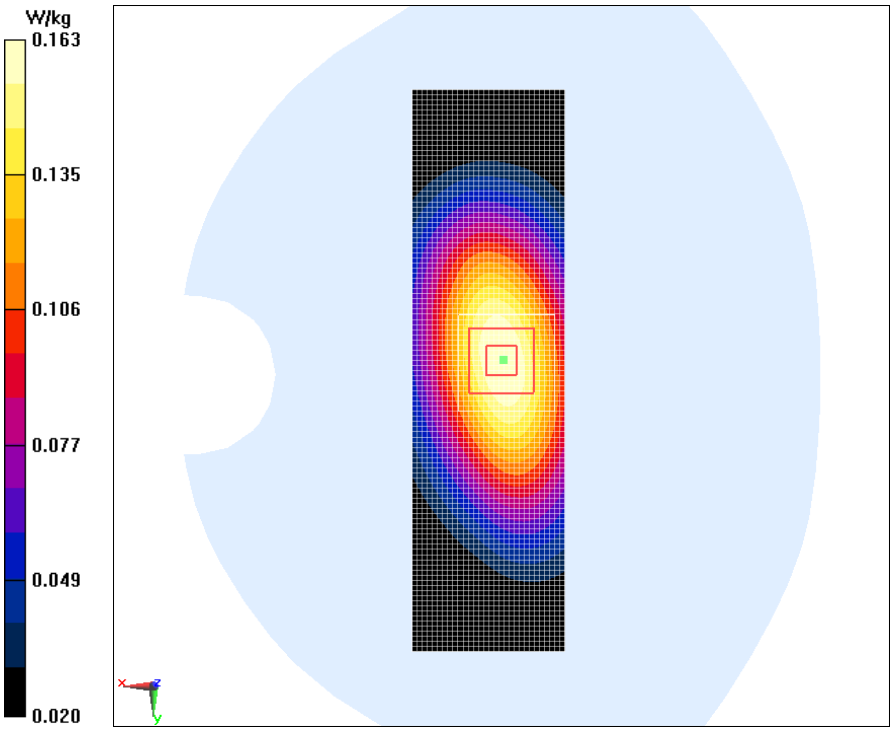
WCDMA Band5 Ground Mode Middle

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.152; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Ground Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.299 W/kg
WCDMA Band5 Ground Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.505 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.295 W/kg



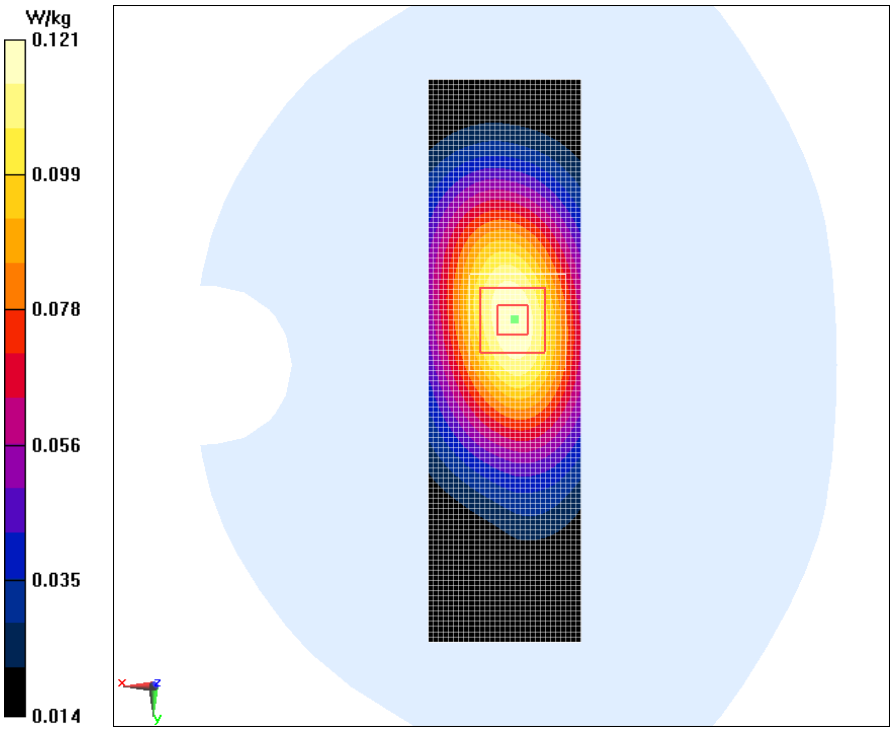
WCDMA Band5 Right Mode Middle

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.152; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Right Mode Middle/Area Scan (31x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.165 W/kg
WCDMA Band5 Right Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.138 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



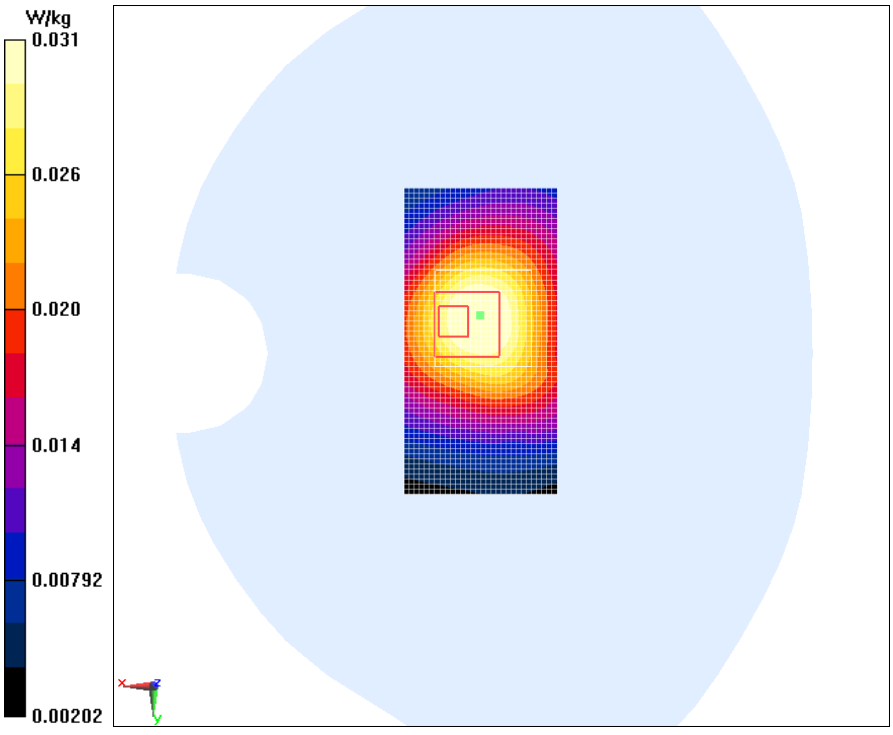
WCDMA Band5 Left Mode Middle

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.152; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Left Mode Middle/Area Scan (31x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.121 W/kg
WCDMA Band5 Left Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.751 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.121 W/kg



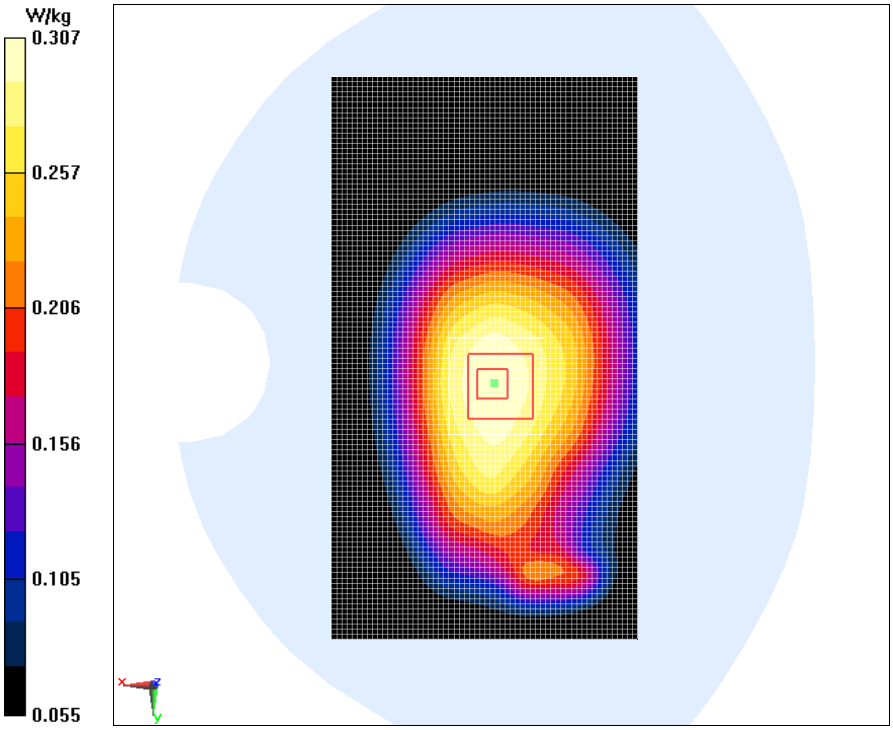
WCDMA Band5 Bottom Mode Middle

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.152; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Bottom Mode Middle/Area Scan (31x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0332 W/kg
WCDMA Band5 Bottom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.704 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.018 W/kg
Maximum of SAR (measured) = 0.0315 W/kg



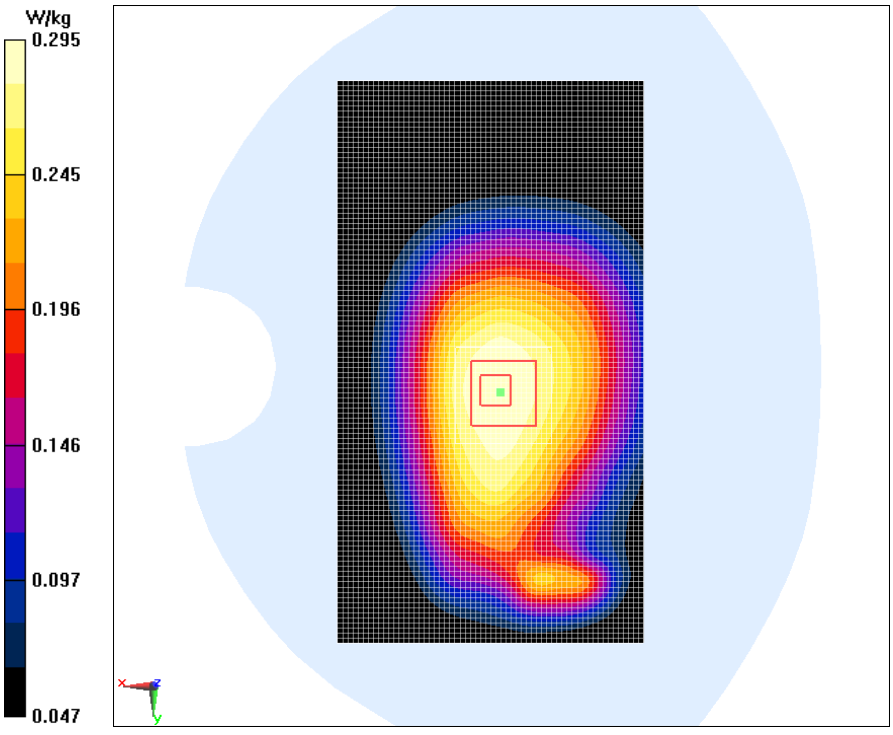
WCDMA Band5 Ground Mode Low

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.994 S/m; ε_r = 55.147; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Ground Mode Low/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.310 W/kg
WCDMA Band5 Ground Mode Low/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.777 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.232 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



WCDMA Band5 Ground Mode High

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used: f = 847 MHz; σ = 1.012 S/m; ε_r = 55.214; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅴ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013
WCDMA Band5 Ground Mode High/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.299 W/kg
WCDMA Band5 Ground Mode High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.403 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 0.295 W/kg

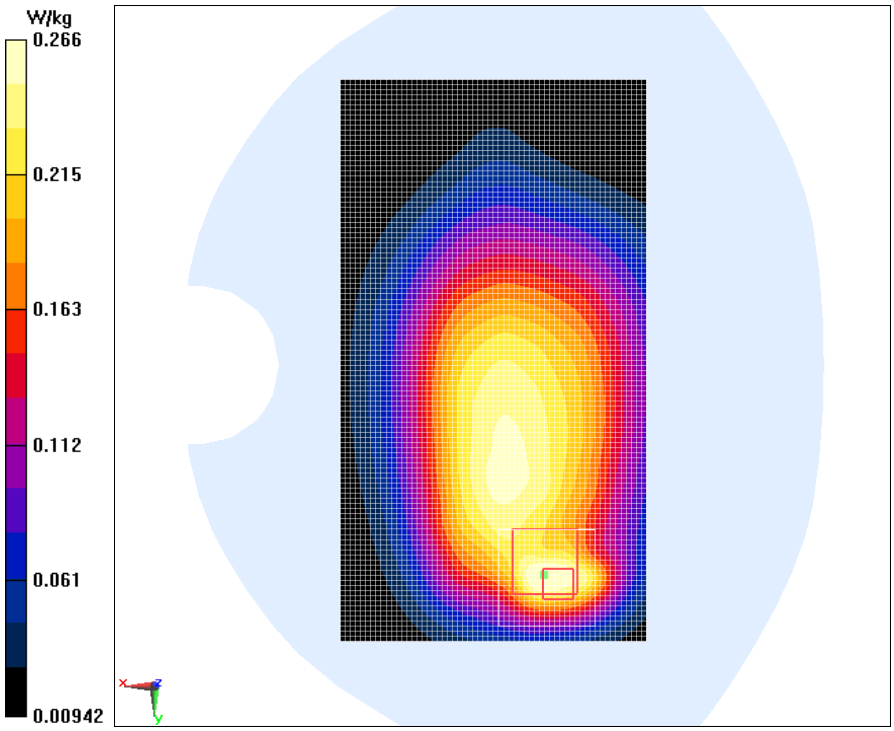


WCDMA Band5 Ground Mode Low With Headset

Date/Time: 2014/2/11
Electronics: DAE4 Sn1244
Medium: Body 850MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.994 S/m; ε_r = 55.147; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Professional Band Ⅴ; Frequency: 826.4 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013

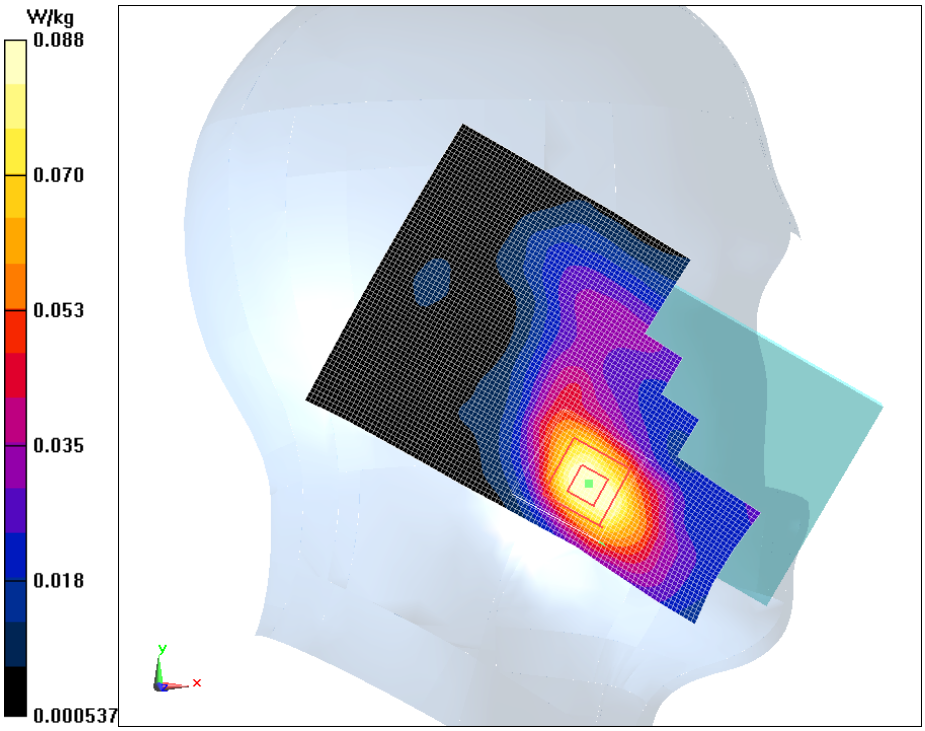
WCDMA Band5 Ground Mode Low With Headset/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.287 W/kg

WCDMA Band5 Ground Mode Low With Headset/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.679 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.150 W/kg
Maximum of SAR (measured) = 0.266 W/kg



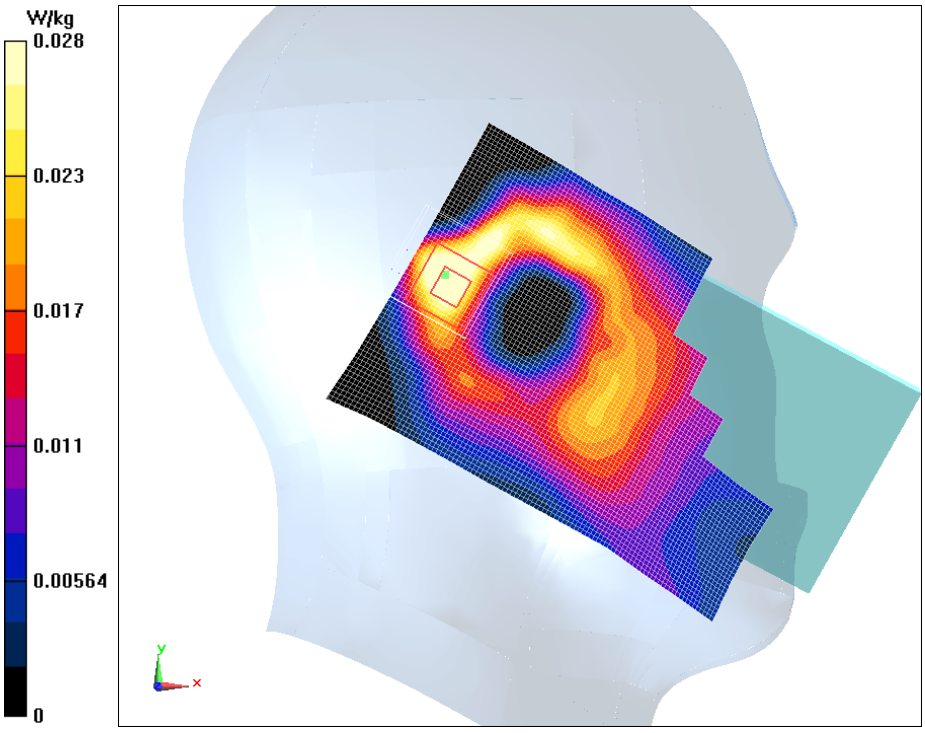
WCDMA Band2 Left Cheek Middle

Date/Time: 2014/2/13
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.379 S/m; ε_r = 39.867; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/28/2013
WCDMA Band2 Left Cheek Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0923 W/kg
WCDMA Band2 Left Cheek Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.424 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.0878 W/kg



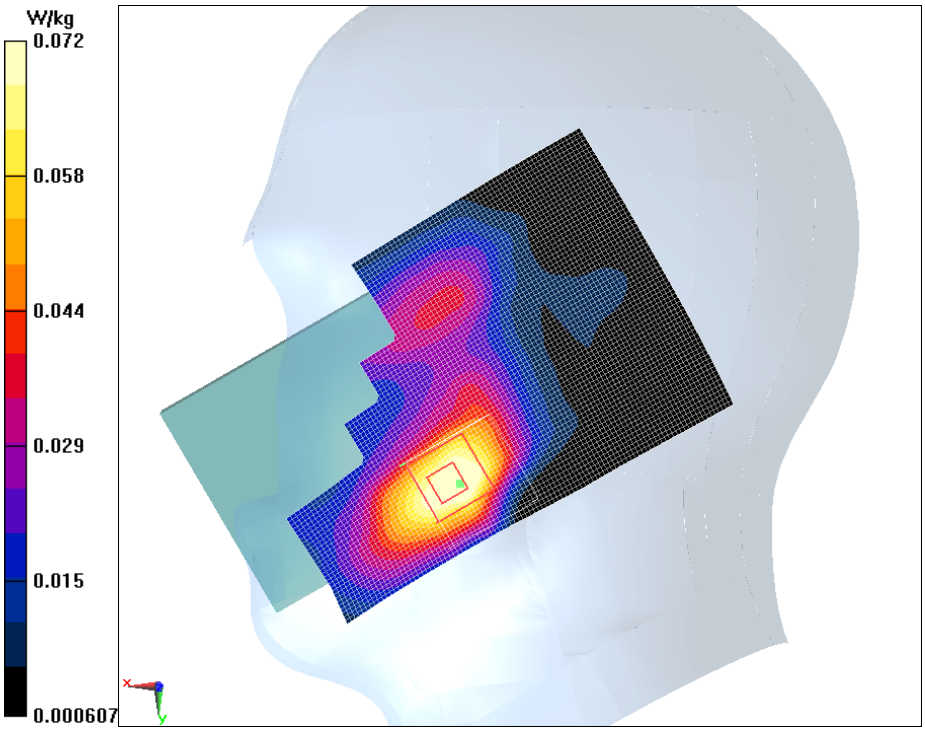
WCDMA Band2 Left Tilt Middle

Date/Time: 2014/2/13
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.379 S/m; ε_r = 39.867; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/28/2013
WCDMA Band2 Left Tilt Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0367 W/kg
WCDMA Band2 Left Tilt Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.978 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0470 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0282 W/kg



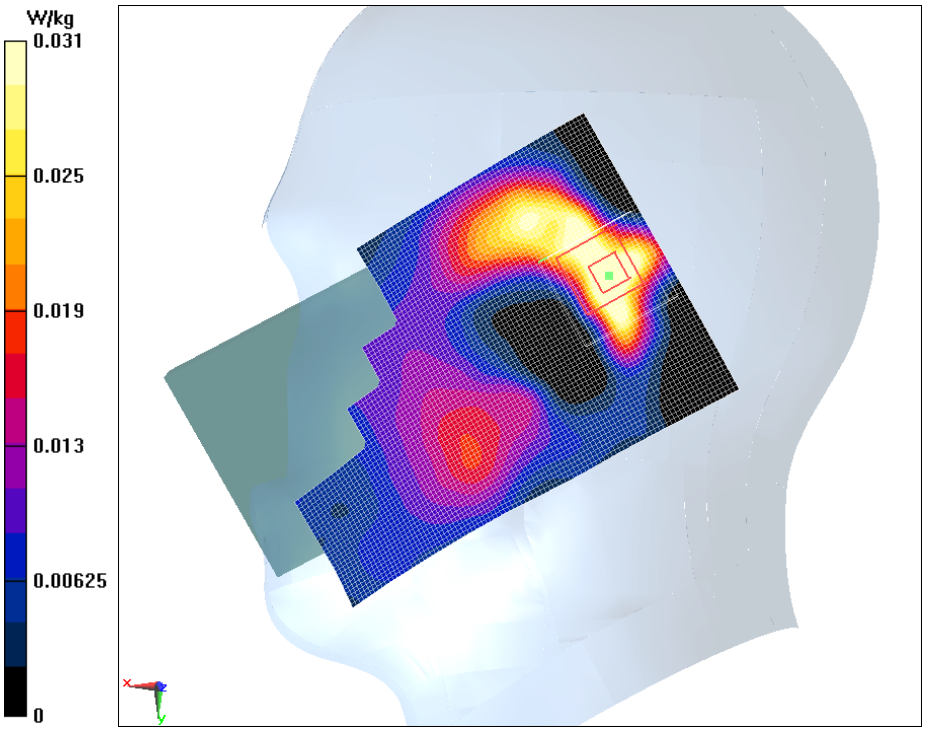
WCDMA Band2 Right Cheek Middle

Date/Time: 2014/2/13
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.379 S/m; ε_r = 39.867; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/28/2013
WCDMA Band2 Right Cheek Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0801 W/kg
WCDMA Band2 Right Cheek Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.705 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0723 W/kg



WCDMA Band2 Right Tilt Middle

Date/Time: 2014/2/13
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.379 S/m; ε_r = 39.867; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/28/2013
WCDMA Band2 Right Tilt Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0399 W/kg
WCDMA Band2 Right Tilt Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.658 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0490 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0313 W/kg

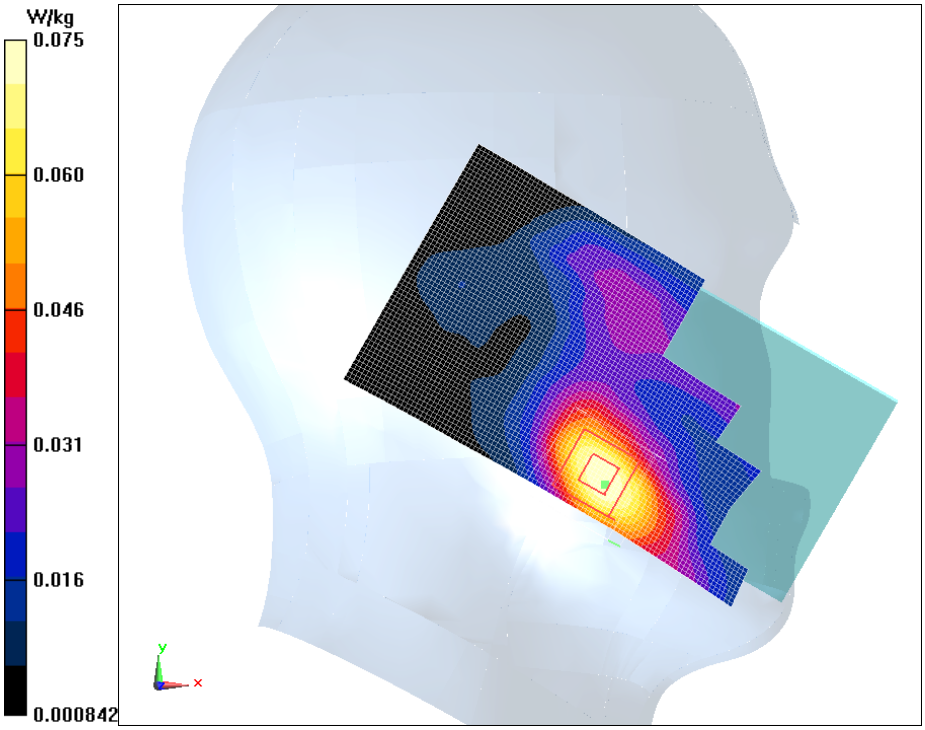


WCDMA Band2 Left Cheek Low

Date/Time: 2014/2/13
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.373 S/m; ε_r = 40.159; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/28/2013

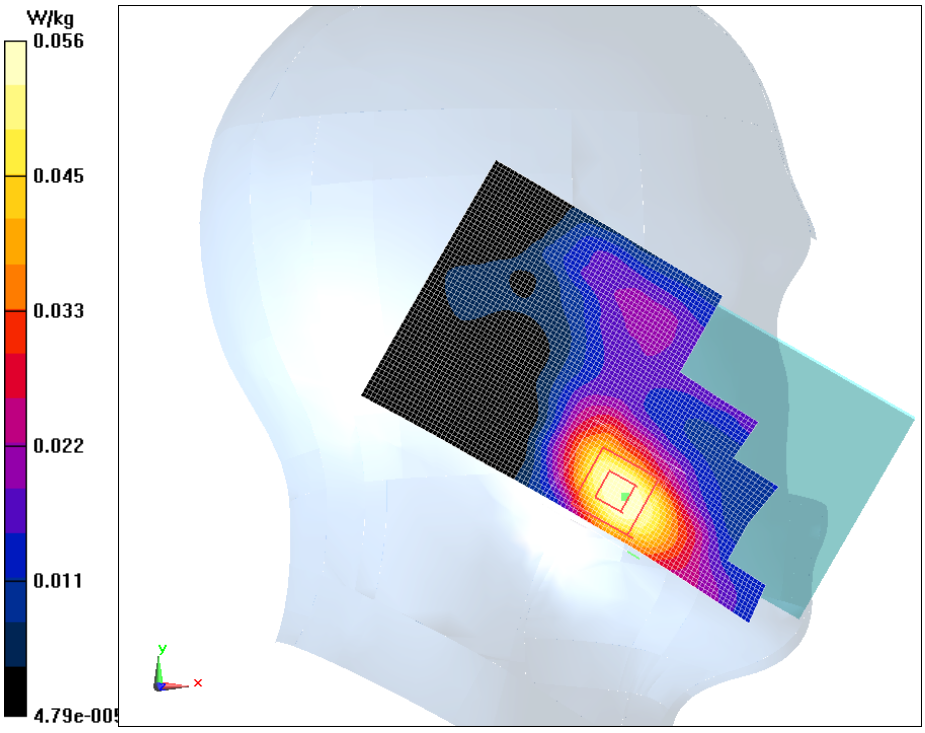
WCDMA Band2 Left Cheek Low/Area Scan (111x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0765 W/kg

WCDMA Band2 Left Cheek Low/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.161 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0753 W/kg



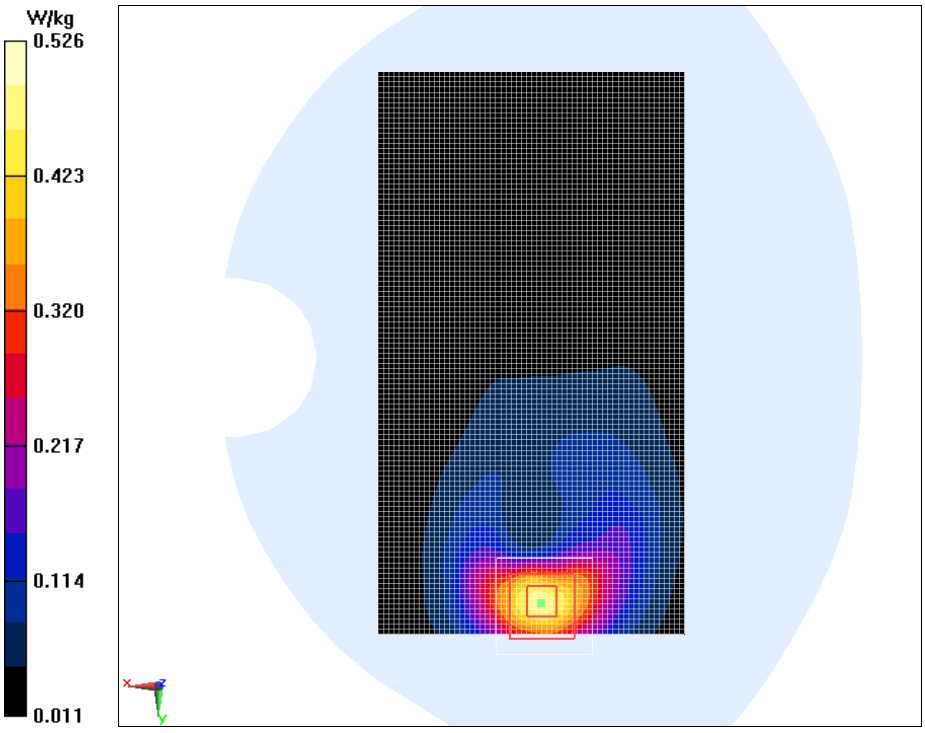
WCDMA Band2 Left Cheek High

Date/Time: 2014/2/13
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used: f = 1908 MHz; σ = 1.391 S/m; ε_r = 39.62; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/28/2013
WCDMA Band2 Left Cheek High/Area Scan (111x61x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0580 W/kg
WCDMA Band2 Left Cheek High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.054 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0840 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0557 W/kg



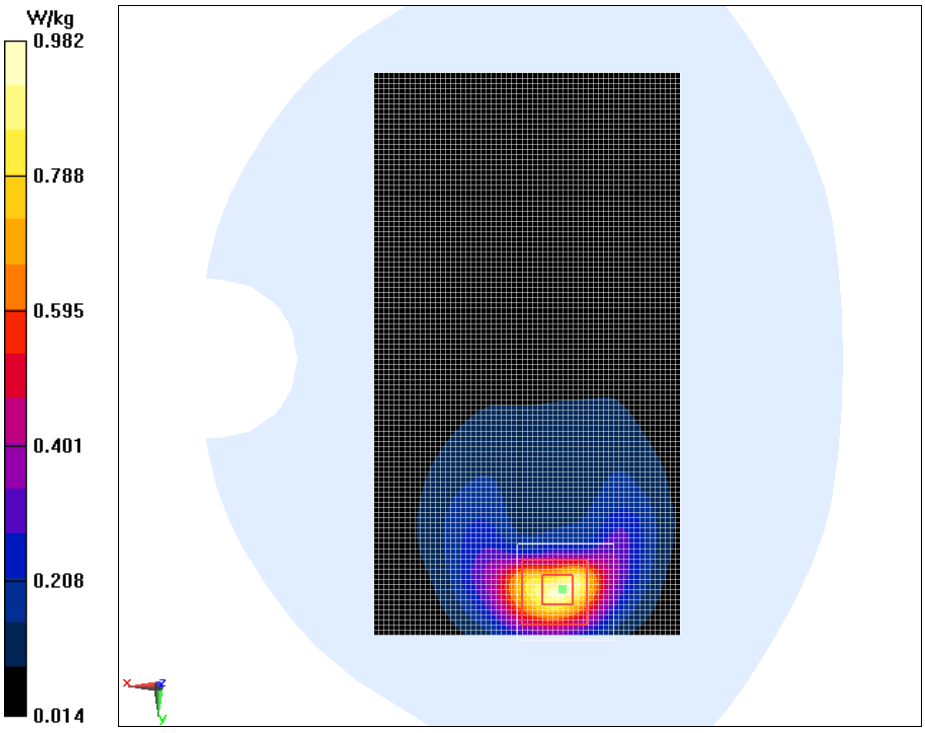
WCDMA Band2 Phantom Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Phantom Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.484 W/kg
WCDMA Band2 Phantom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.011 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.792 W/kg
SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.526 W/kg



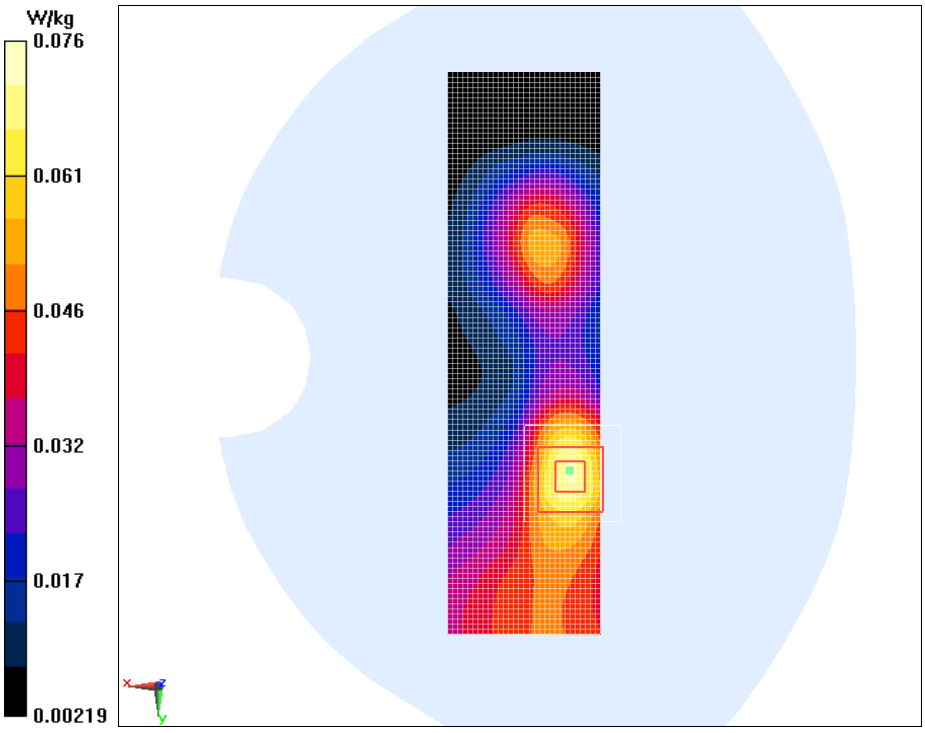
WCDMA Band2 Ground Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Ground Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.948 W/kg
WCDMA Band2 Ground Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.545 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.477 W/kg
Maximum value of SAR (measured) = 0.982 W/kg



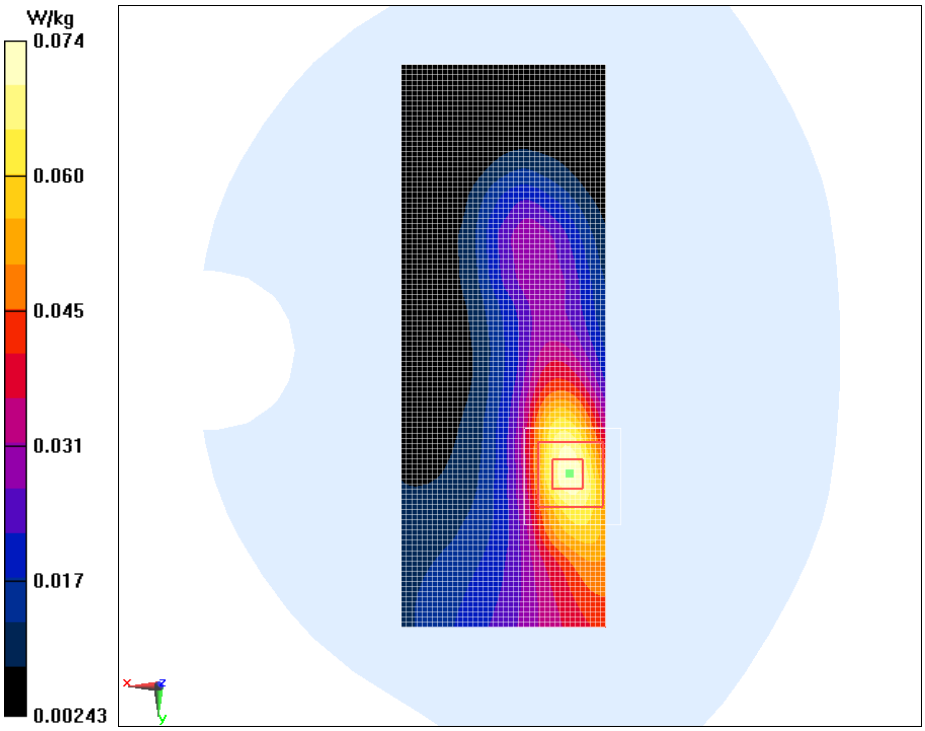
WCDMA Band2 Left Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Left Mode Middle/Area Scan (31x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0717 W/kg
WCDMA Band2 Left Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.823 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0756 W/kg



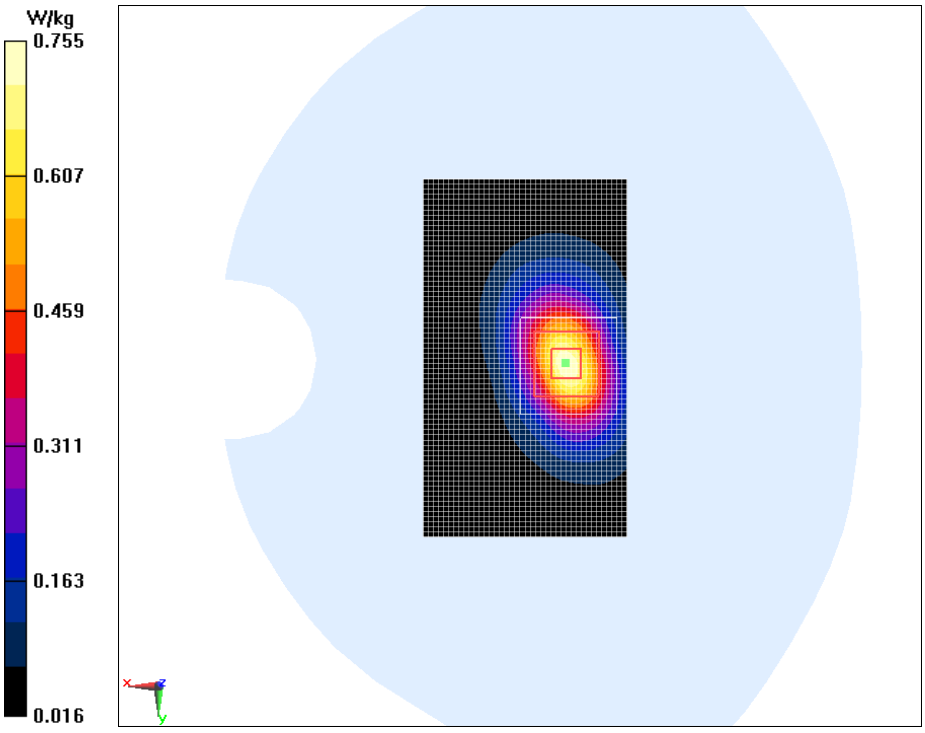
WCDMA Band2 Right Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Right Mode Middle/Area Scan (41x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0726 W/kg
WCDMA Band2 Right Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.094 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.0740 W/kg



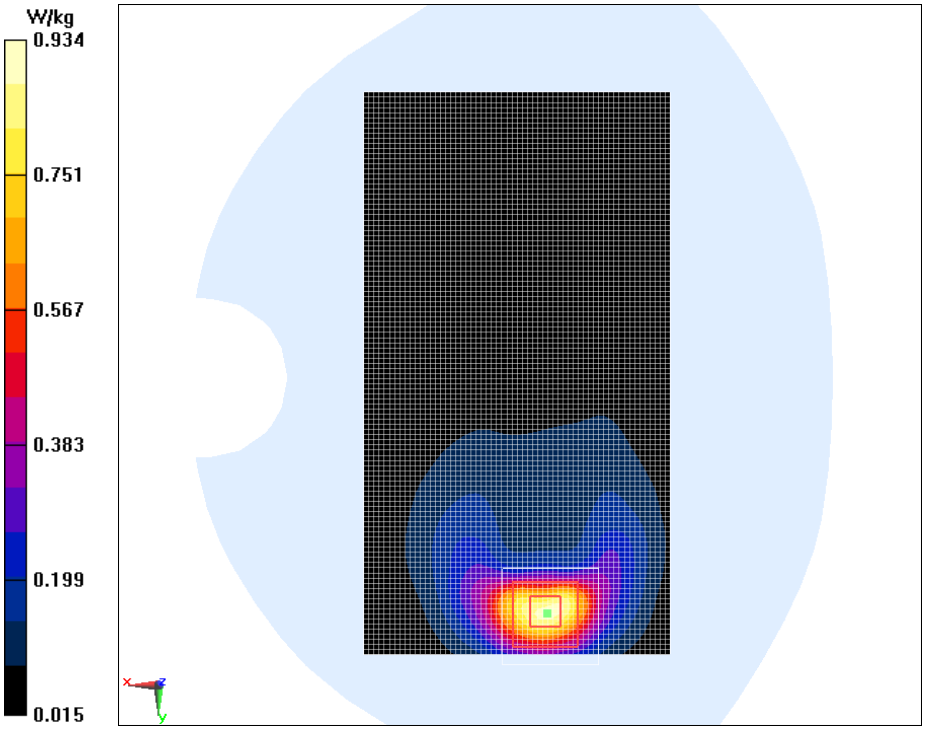
WCDMA Band2 Bottom Mode Middle

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Bottom Mode Middle/Area Scan (41x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.755 W/kg
WCDMA Band2 Bottom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.071 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.375 W/kg
Maximum value of SAR (measured) = 0.755 W/kg



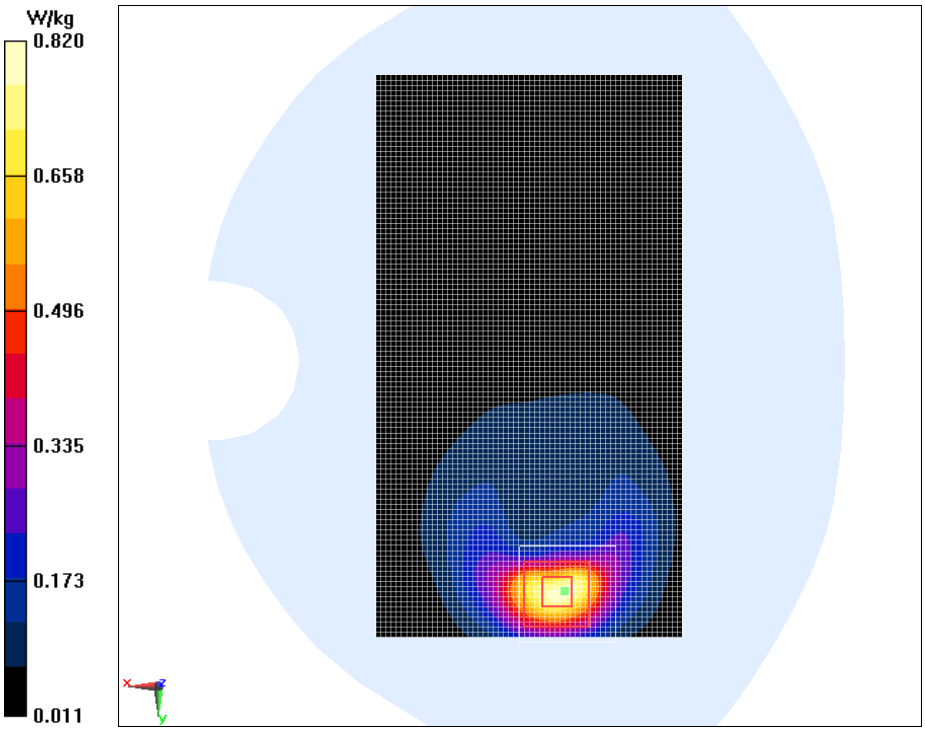
WCDMA Band2 Ground Mode Low

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.477 S/m; ε_r = 53.431; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Ground Mode Low/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.903 W/kg
WCDMA Band2 Ground Mode Low/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.090 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 0.934 W/kg



WCDMA Band2 Ground Mode High

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1908 MHz; σ = 1.532 S/m; ε_r = 53.199; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Ground Mode High/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.796 W/kg
WCDMA Band2 Ground Mode High/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.313 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 0.820 W/kg

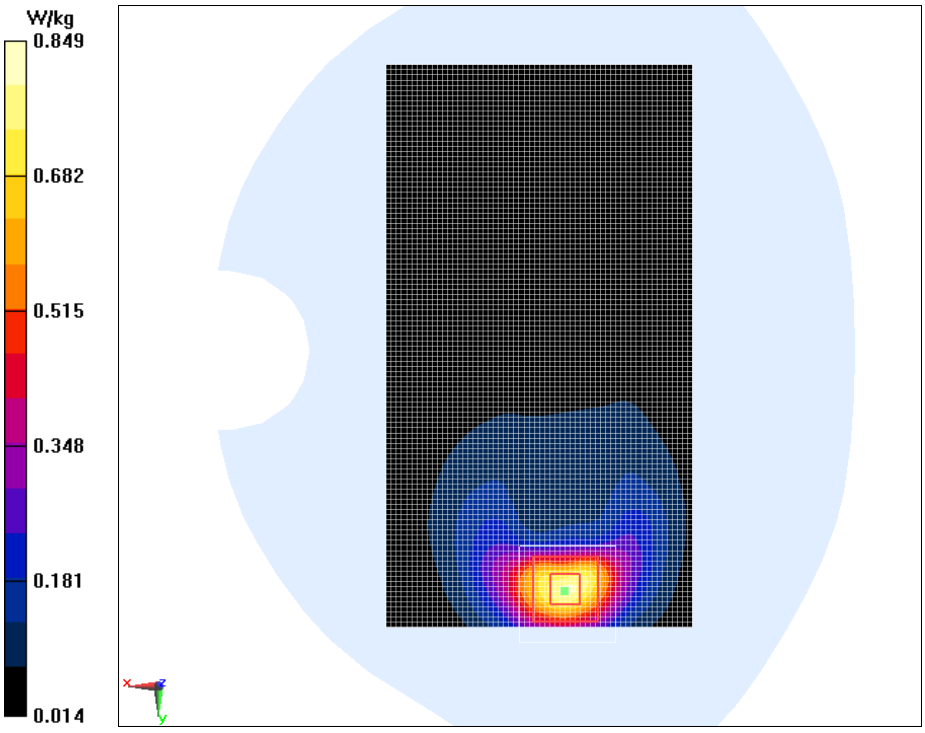


WCDMA Band2 Ground Mode Middle With Headset

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

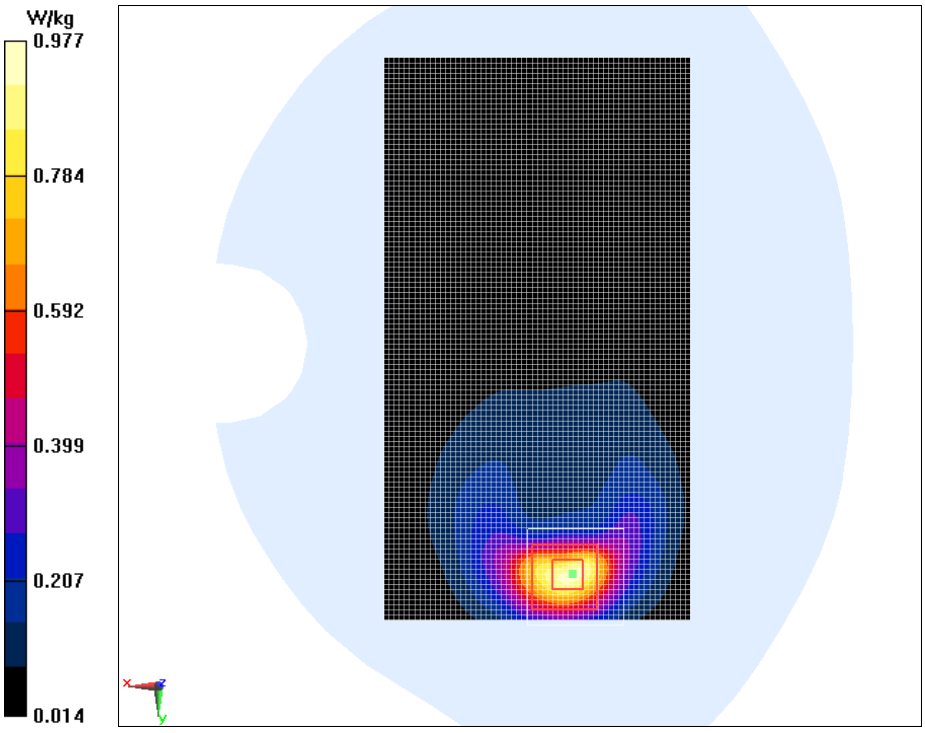
WCDMA Band2 Ground Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.943 W/kg

WCDMA Band2 Ground Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.067 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.419 W/kg
Maximum value of SAR (measured) = 0.849 W/kg



WCDMA Band2 Ground Mode Middle 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used: f = 1880 MHz; σ = 1.504 S/m; ε_r = 53.319; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1880 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013
WCDMA Band2 Ground Mode Middle 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.943 W/kg
WCDMA Band2 Ground Mode Middle 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.696 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.474 W/kg
Maximum value of SAR (measured) = 0.977 W/kg

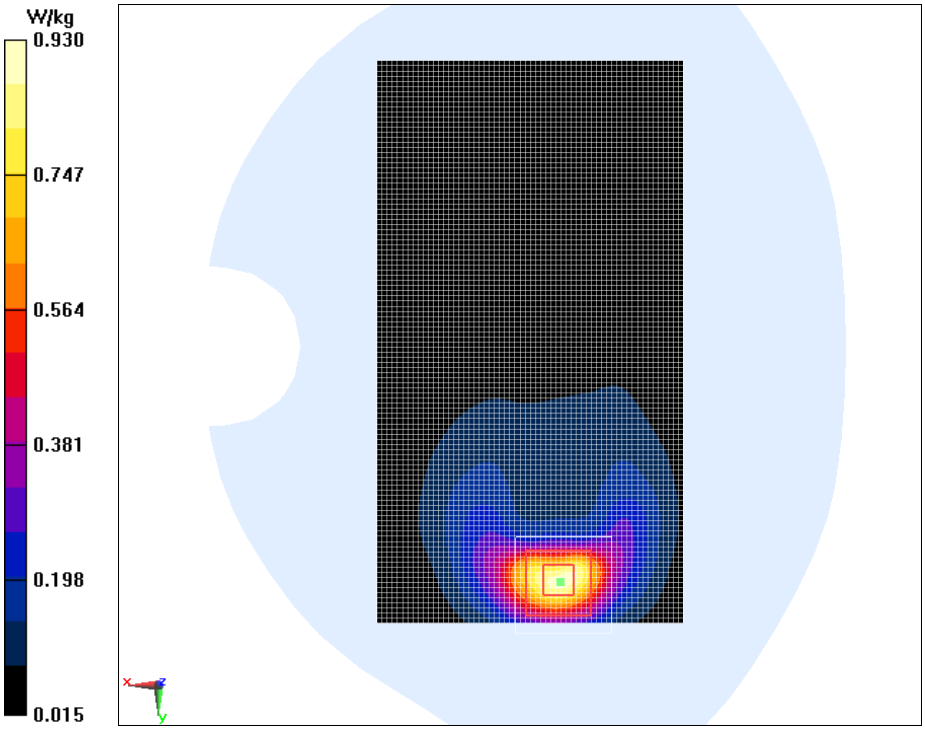


WCDMA Band2 Ground Mode Low 2

Date/Time: 2014/2/15
Electronics: DAE4 Sn1244
Medium: Body 1900MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.477 S/m; ε_r = 53.431; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System: WCDMA Band Ⅱ; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

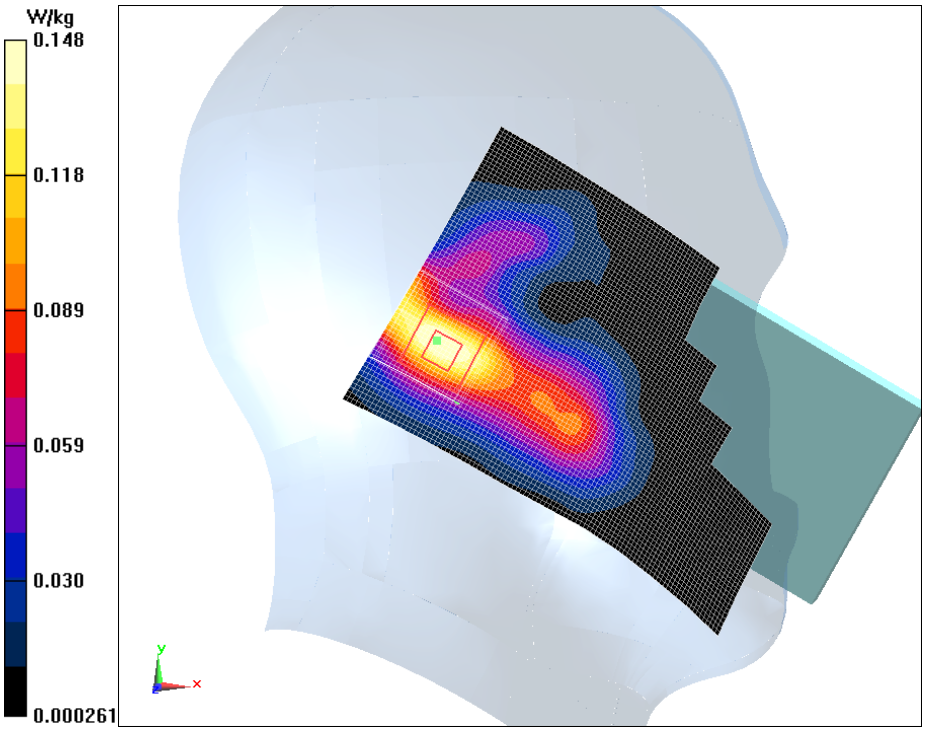
WCDMA Band2 Ground Mode Low 2/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.903 W/kg

WCDMA Band2 Ground Mode Low 2/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.084 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 0.930 W/kg



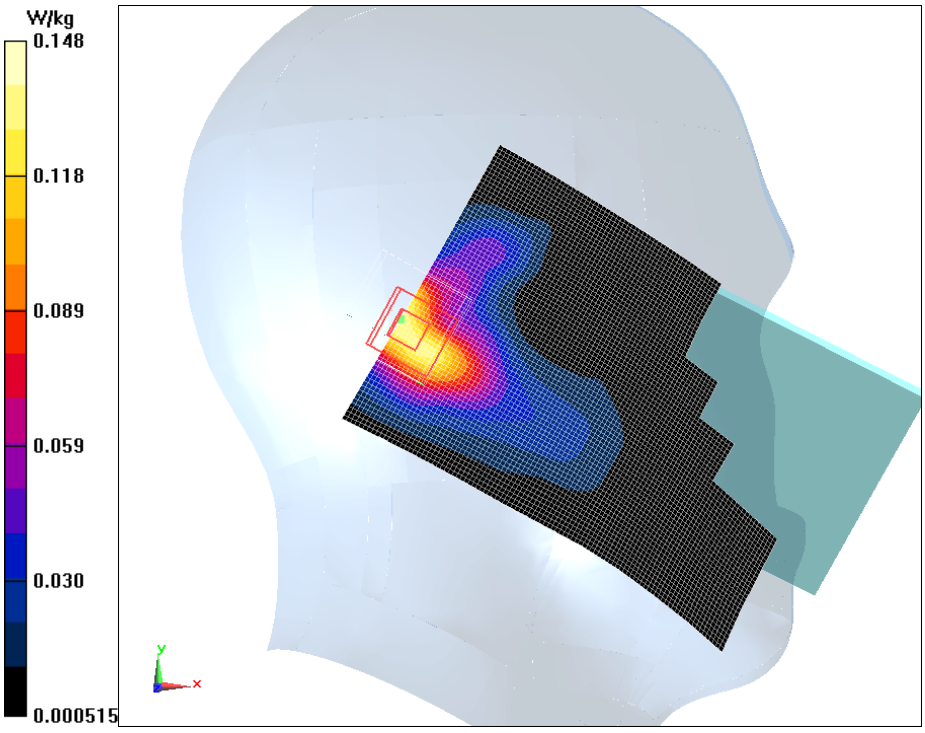
WiFi 802.11b Left Cheek Middle

Date/Time: 2014/2/16
Electronics: DAE4 Sn1244
Medium: Head 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.797 S/m; ε_r = 39.163; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(7.09, 7.09, 7.09); Calibrated: 8/9/2013
WiFi 802.11b Left Cheek Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.153 W/kg
WiFi 802.11b Left Cheek Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.733 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.148 W/kg



WiFi 802.11b Left Tilt Middle

Date/Time: 2014/2/16
Electronics: DAE4 Sn1244
Medium: Head 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.797 S/m; ε_r = 39.163; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(7.09, 7.09, 7.09); Calibrated: 8/9/2013
WiFi 802.11b Left Tilt Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.140 W/kg
WiFi 802.11b Left Tilt Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.422 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.065 W/kg
Maximum of SAR (measured) = 0.148 W/kg

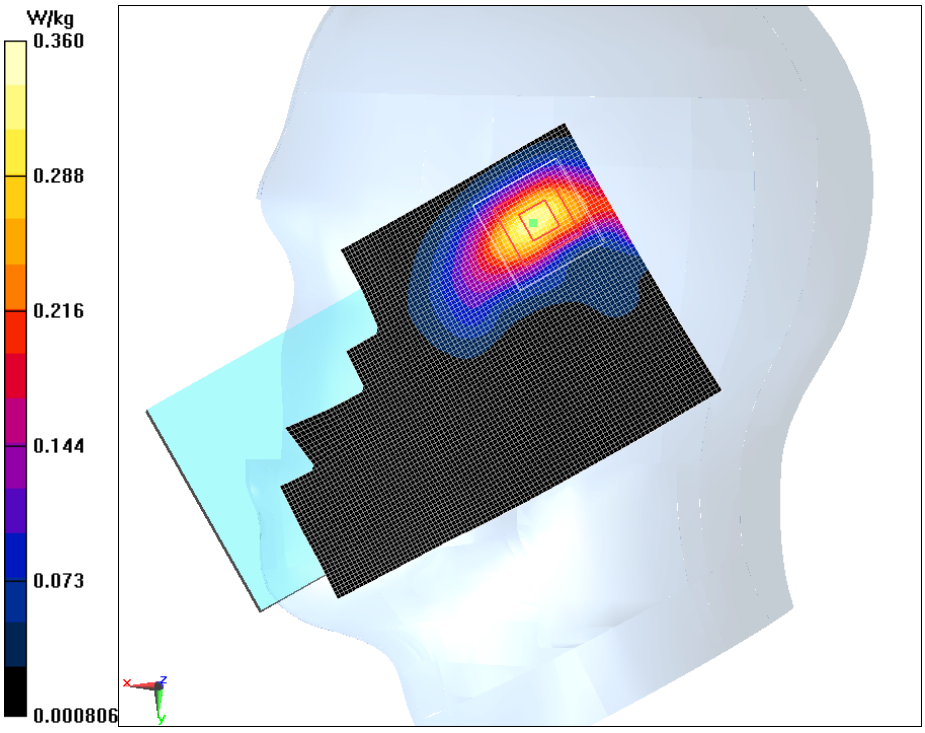


WiFi 802.11b Right Cheek Middle

Date/Time: 2014/2/16
Electronics: DAE4 Sn1244
Medium: Head 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.797 S/m; ε_r = 39.163; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(7.09, 7.09, 7.09); Calibrated: 8/9/2013

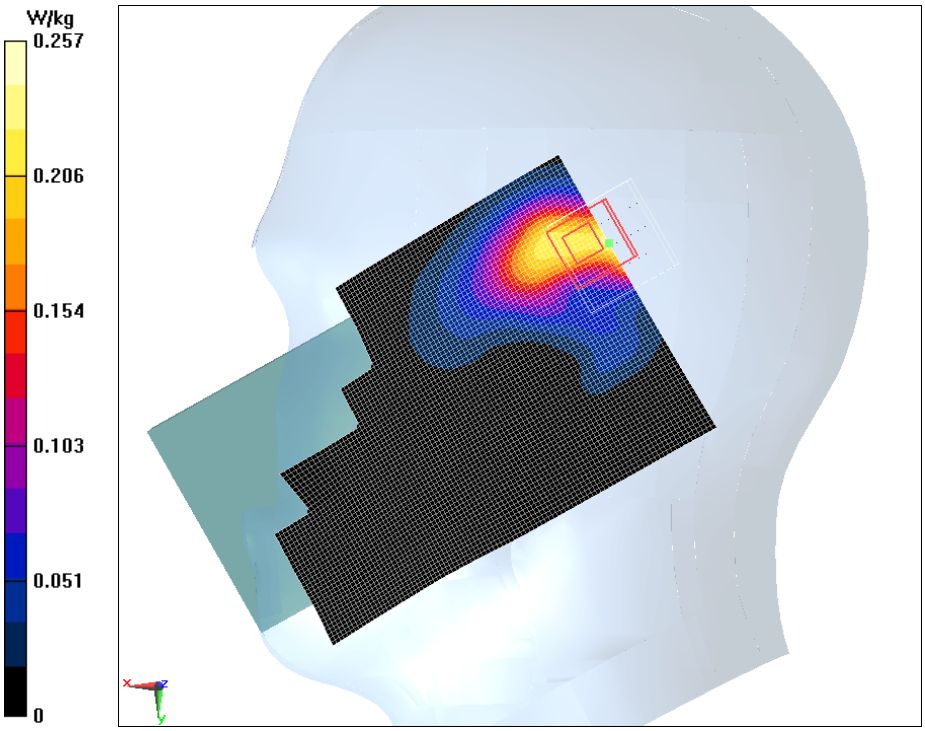
WiFi 802.11b Right Cheek Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.337 W/kg

WiFi 802.11b Right Cheek Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.128 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.360 W/kg



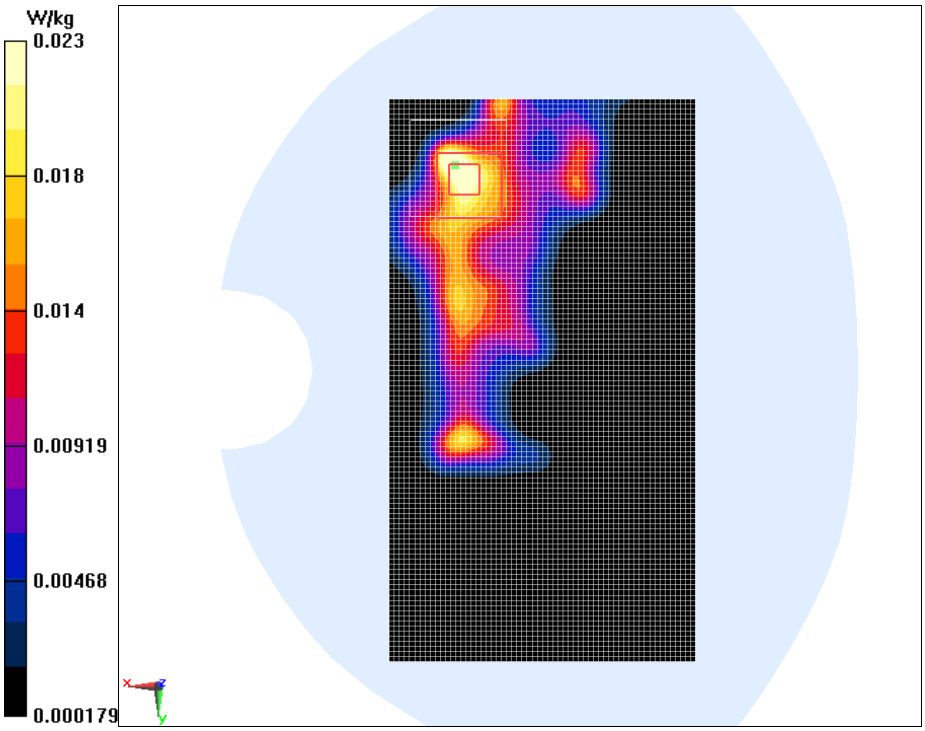
WiFi 802.11b Right Tilt Middle

Date/Time: 2014/2/16
Electronics: DAE4 Sn1244
Medium: Head 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.797 S/m; ε_r = 39.163; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(7.09, 7.09, 7.09); Calibrated: 8/9/2013
WiFi 802.11b Right Tilt Middle/Area Scan (121x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.231 W/kg
WiFi 802.11b Right Tilt Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.675 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.107 W/kg
Maximum of SAR (measured) = 0.257 W/kg



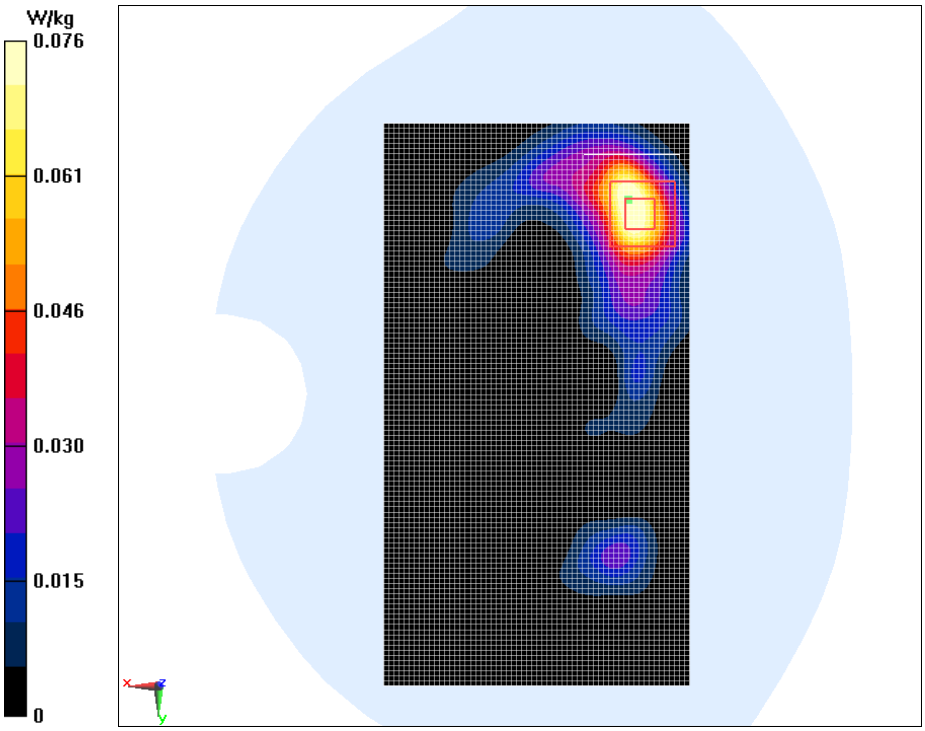
WiFi 802.11b Phantom Mode Middle

Date/Time: 2014/2/17
Electronics: DAE4 Sn1244
Medium: Body 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.902 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(6.66, 6.66, 6.66); Calibrated: 8/9/2013
WiFi 802.11b Phantom Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0277 W/kg
WiFi 802.11b Phantom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.766 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00988 W/kg
Maximum of SAR (measured) = 0.0227 W/kg



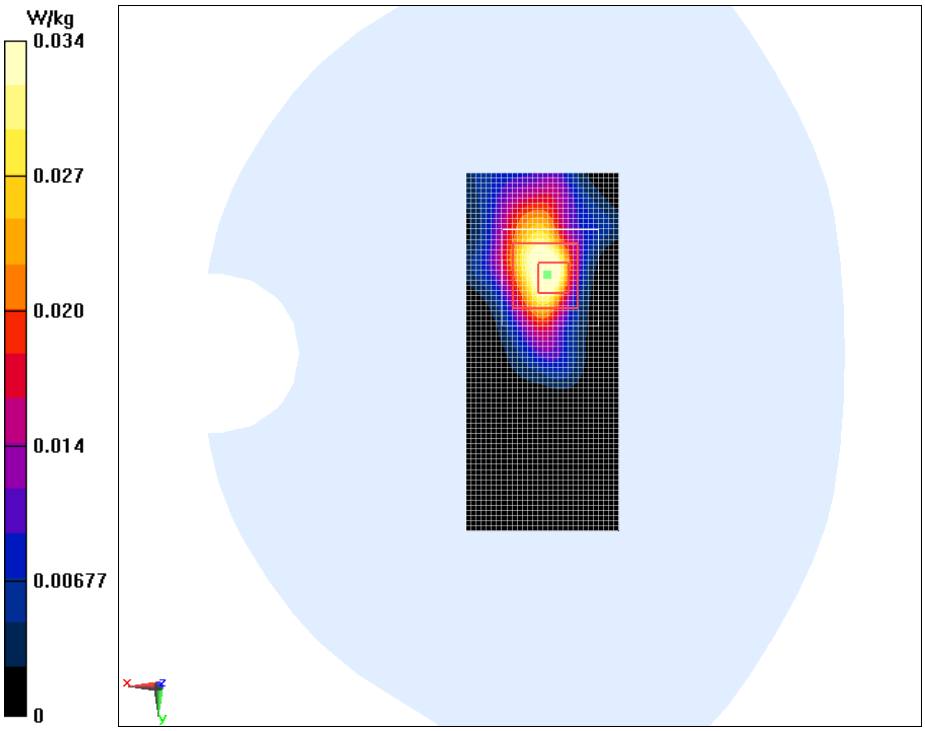
WiFi 802.11b Ground Mode Middle

Date/Time: 2014/2/17
Electronics: DAE4 Sn1244
Medium: Body 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.902 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(6.66, 6.66, 6.66); Calibrated: 8/9/2013
WiFi 802.11b Ground Mode Middle/Area Scan (61x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0811 W/kg
WiFi 802.11b Ground Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.908 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0761 W/kg



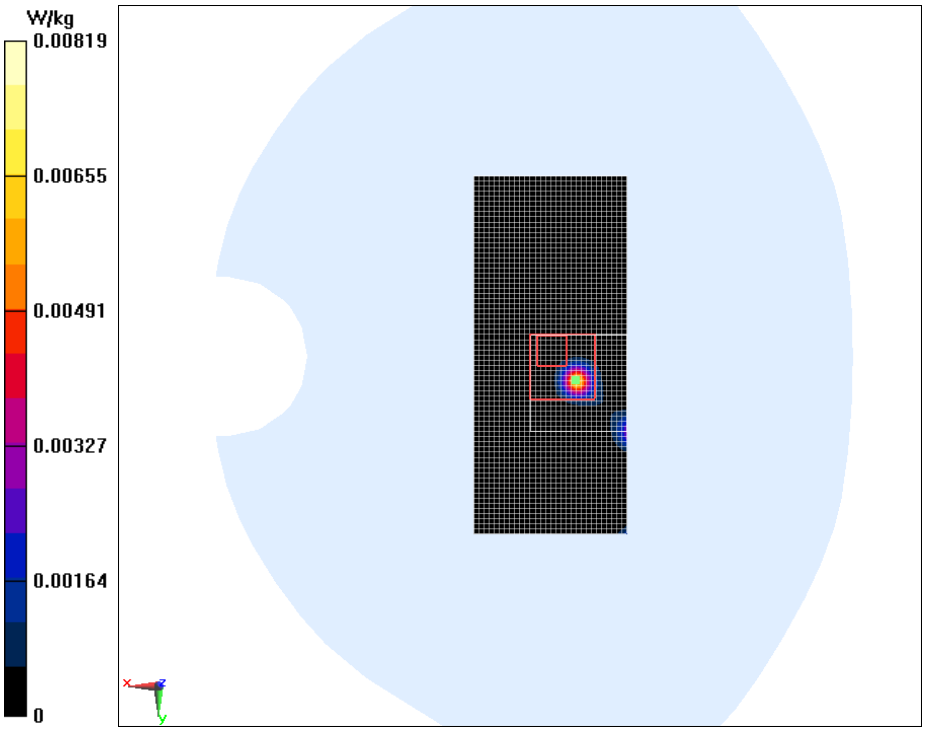
WiFi 802.11b Top Mode Middle

Date/Time: 2014/2/17
Electronics: DAE4 Sn1244
Medium: Body 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.902 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(6.66, 6.66, 6.66); Calibrated: 8/9/2013
WiFi 802.11b Top Mode Middle/Area Scan (31x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0394 W/kg
WiFi 802.11b Top Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.695 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0339 W/kg



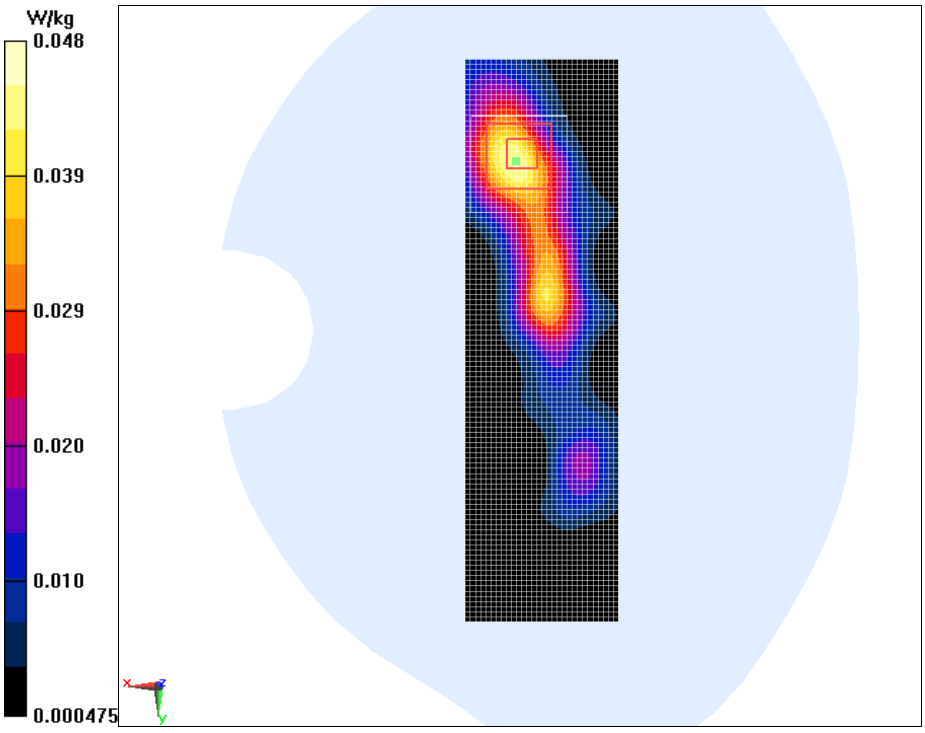
WiFi 802.11b Bottom Mode Middle

Date/Time: 2014/2/17
Electronics: DAE4 Sn1244
Medium: Body 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.902 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(6.66, 6.66, 6.66); Calibrated: 8/9/2013
WiFi 802.11b Bottom Mode Middle/Area Scan (31x71x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.00664 W/kg
WiFi 802.11b Bottom Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.455 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.00513 W/kg; SAR(10 g) = 0.00122 W/kg
Maximum of SAR (measured) = 0.00819 W/kg



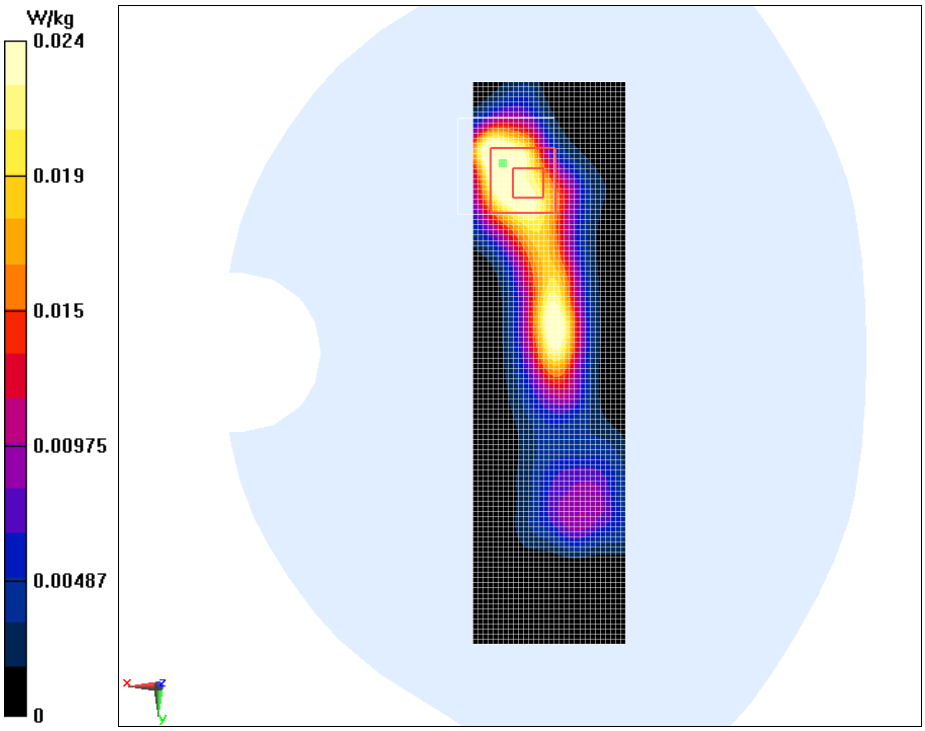
WiFi 802.11b Left Mode Middle

Date/Time: 2014/2/17
Electronics: DAE4 Sn1244
Medium: Body 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.902 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(6.66, 6.66, 6.66); Calibrated: 7/22/2013
WiFi 802.11b Left Mode Middle/Area Scan (31x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0453 W/kg
WiFi 802.11b Left Mode Middle/Zoom Scan 2 (5x5x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.636 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0482 W/kg



WiFi 802.11b Right Mode Middle

Date/Time: 2014/2/17
Electronics: DAE4 Sn1244
Medium: Body 2450MHz
Medium parameters used: f = 2437 MHz; σ = 1.902 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature:22.5 ℃ Liquid Temperature:22.5 ℃
Communication System:WiFi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(6.66, 6.66, 6.66); Calibrated: 7/22/2013
WiFi 802.11b Right Mode Middle/Area Scan (31x111x1):
Measurement grid: dx=10 mm, dy=10 mm
Maximum value of SAR (Measurement) = 0.0311 W/kg
WiFi 802.11b Right Mode Middle/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.894 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0360 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.011 W/kg
Maximum of SAR (measured) = 0.0244 W/kg



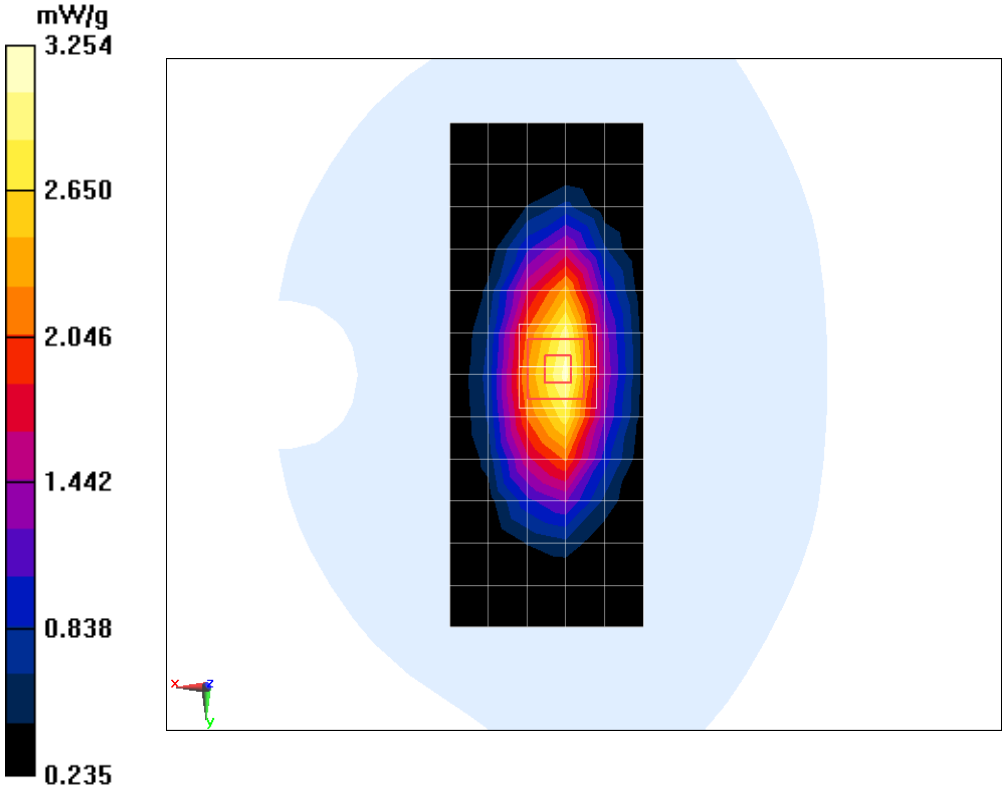
ANNEX B SYSTEM VALIDATION RESULTS

835MHz-Head

Date/Time: 2/10/2014
Electronics: DAE4 Sn1244
Medium: Head 835MHz
Medium parameters used: f = 835 MHz; σ = 0.917 mho/m; εr = 41.04; ρ = 1000 kg/m3
Ambient Temperature:22.5° C Liquid Temperature:22.5° C
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.1, 6.1, 6.1); Calibrated: 8/5/2013

System Validation/Area Scan(101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 3.875 mW/g

System Validation/Zoom Scan(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.278 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.034 mW/g
SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.52 mW/g
Maximum value of SAR (measured) = 3.254 mW/g

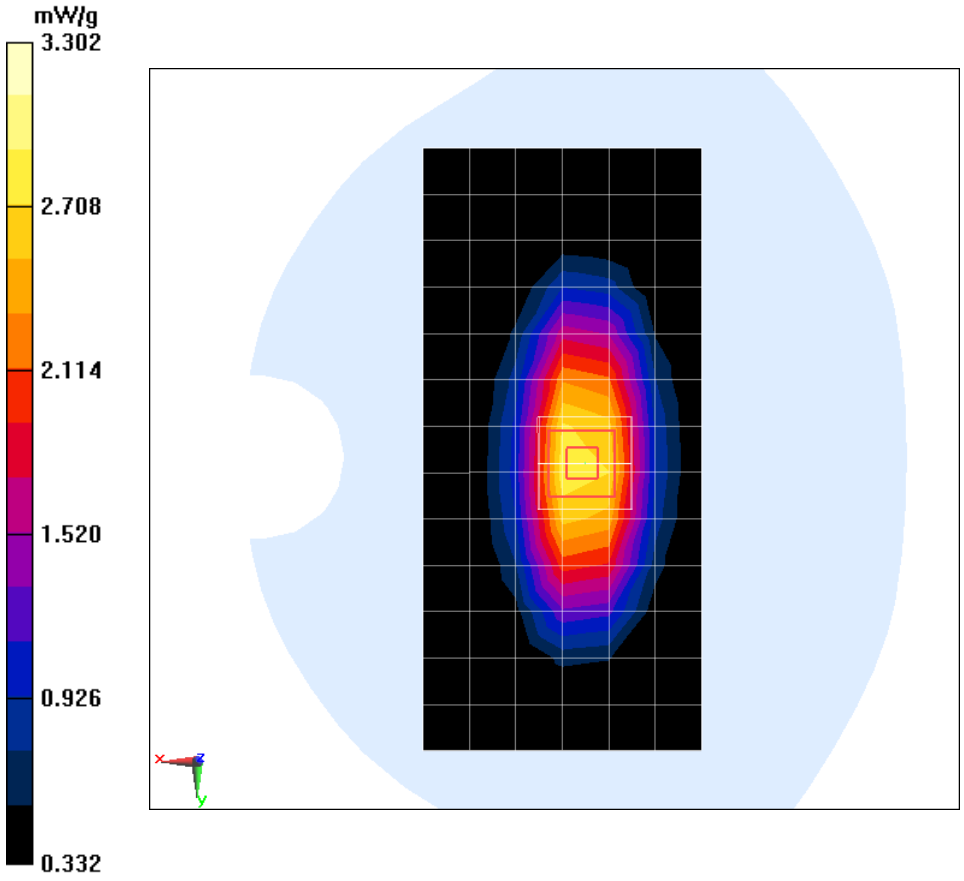


835MHz-Body

Date/Time: 2/11/2014
Electronics: DAE4 Sn1244
Medium: Body 850 MHz
Medium parameters used: f = 835 MHz; σ = 0.999 mho/m; εr = 55.15; ρ = 1000 kg/m3
Ambient Temperature:22.5° C Liquid Temperature:22.5° C
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(6.14, 6.14, 6.14); Calibrated: 8/5/2013

System Validation/Area Scan(101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.784 mW/g

System Validation/Zoom Scan(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.763 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.938 mW/g
SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.58 mW/g
Maximum value of SAR (measured) = 3.302 mW/g

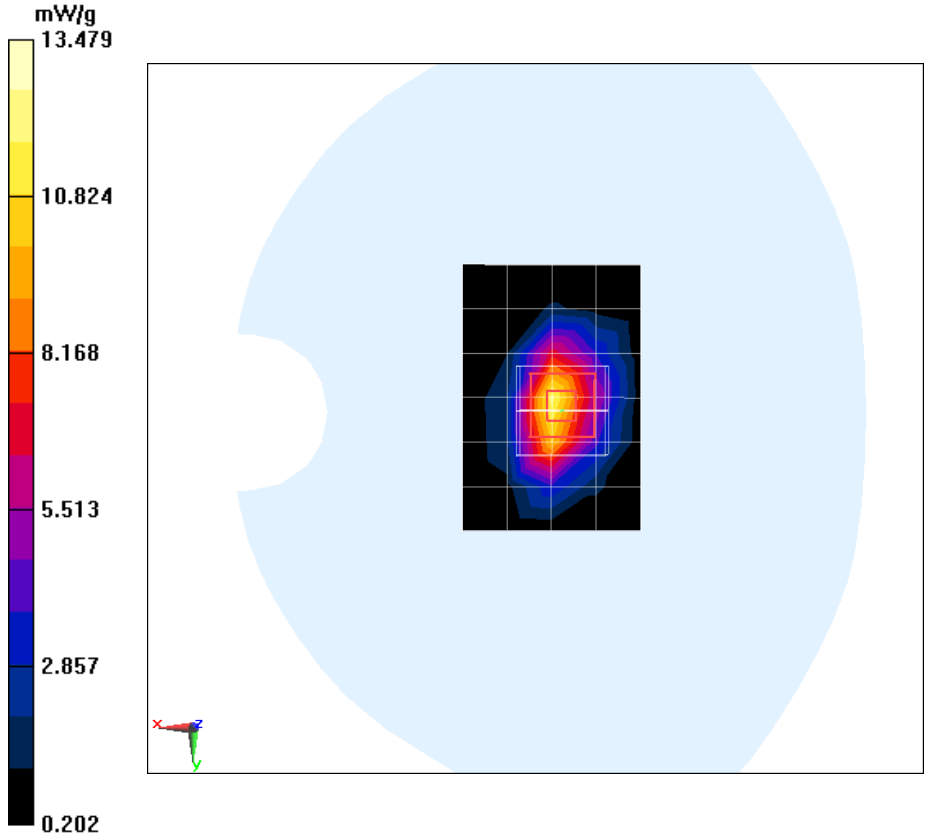


1900MHz-Head

Date/Time: 2/13/2014
Electronics: DAE4 Sn1244
Medium: Head 1900MHz
Medium parameters used: f = 1900 MHz; σ = 1.385 mho/m; εr = 39.64; ρ = 1000 kg/m3
Ambient Temperature:22.5° C Liquid Temperature:22.5° C
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2013

System Validation/Area Scan(101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 12.048 mW/g

System Validation/Zoom Scan(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.234 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 17.923 mW/g
SAR(1 g) = 10.28 mW/g; SAR(10 g) = 5.38mW/g
Maximum value of SAR (measured) = 13.479 mW/g

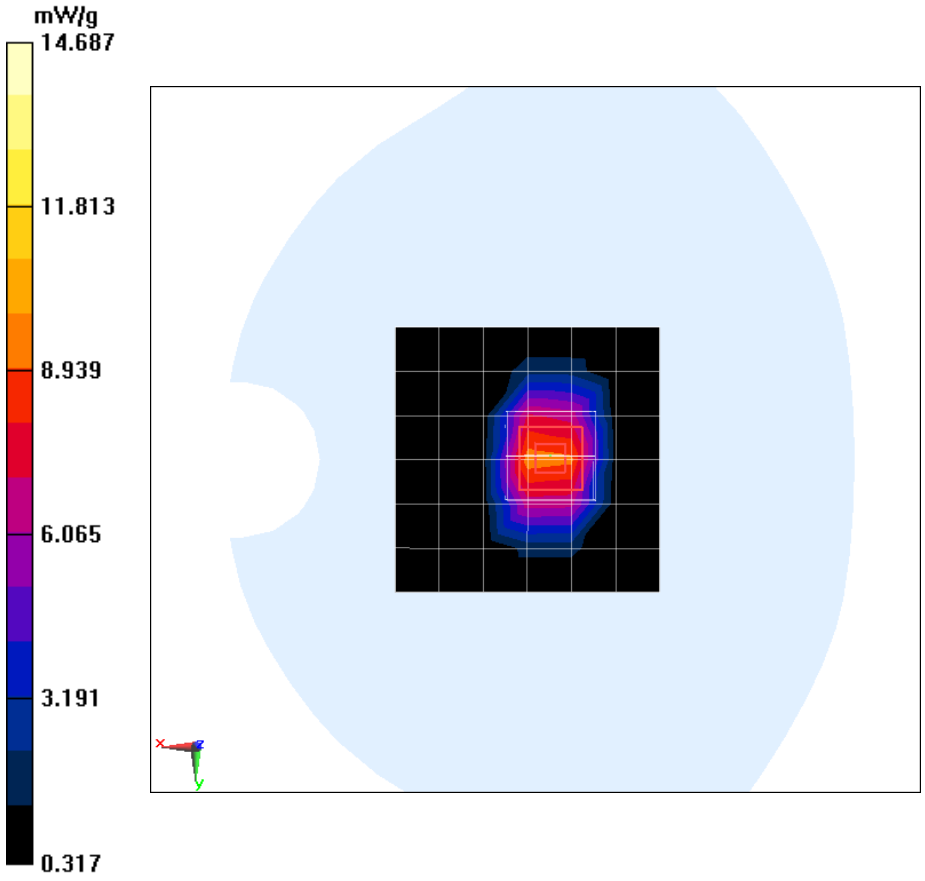


1900MHz-Body

Date/Time: 2/15/2014
Electronics: DAE4 Sn1244
Medium: Body 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.524 mho/m; εr = 53.237; ρ = 1000 kg/m3
Ambient Temperature:22.5° C Liquid Temperature:22.5° C
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Probe: ES3DV3 - SN3252ConvF(5.03, 5.03, 5.03); Calibrated: 7/26/2013

System Validation/Area Scan(101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.793 mW/g

System Validation/Zoom Scan(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 101.485 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 18.584 mW/g
SAR(1 g) = 10.45 mW/g; SAR(10 g) = 5.76 mW/g
Maximum value of SAR (measured) = 14.687 mW/g



2450MHz-Head

Date/Time: 2/16/2014
Electronics: DAE4 Sn1244
Medium: Head 2450MHz
Medium parameters used: f = 2450 MHz; σ = 1.824 mho/m; εr = 38.87; ρ = 1000 kg/m3
Ambien Temperature:22.5° C Liquid Temperature:22.5° C
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Probe: EX3DV4 - SN3754ConvF(7.09, 7.09, 7.09); Calibrated: 7/20/2013

System Validation/ Area Scan (101x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.74 mW/g

System Validation/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.245 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 16.472 mW/g
SAR(1 g) = 12.57 mW/g; SAR(10 g) = 5.96 mW/g
Maximum value of SAR (measured) = 13.563 mW/g