



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#13 GSM850_Right Cheek_Ch251

DUT: 1O1401

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111024 Medium parameters used: $f = 849$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 41.688$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.829 mW/g

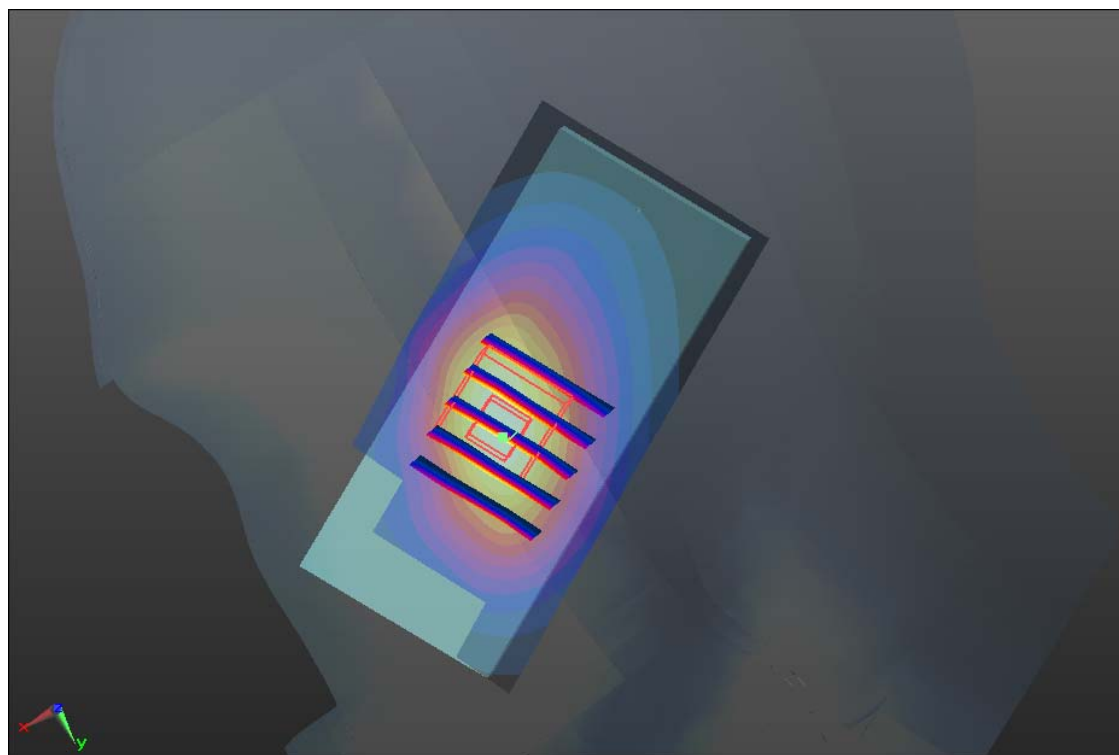
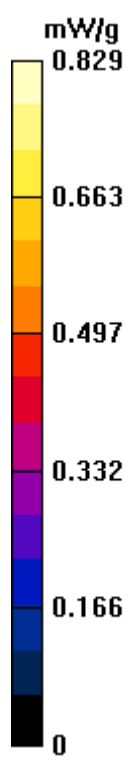
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.147 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.797 mW/g



#13 GSM850_Right Cheek_Ch251_2D

DUT: 1O1401

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111024 Medium parameters used: $f = 849$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 41.688$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.829 mW/g

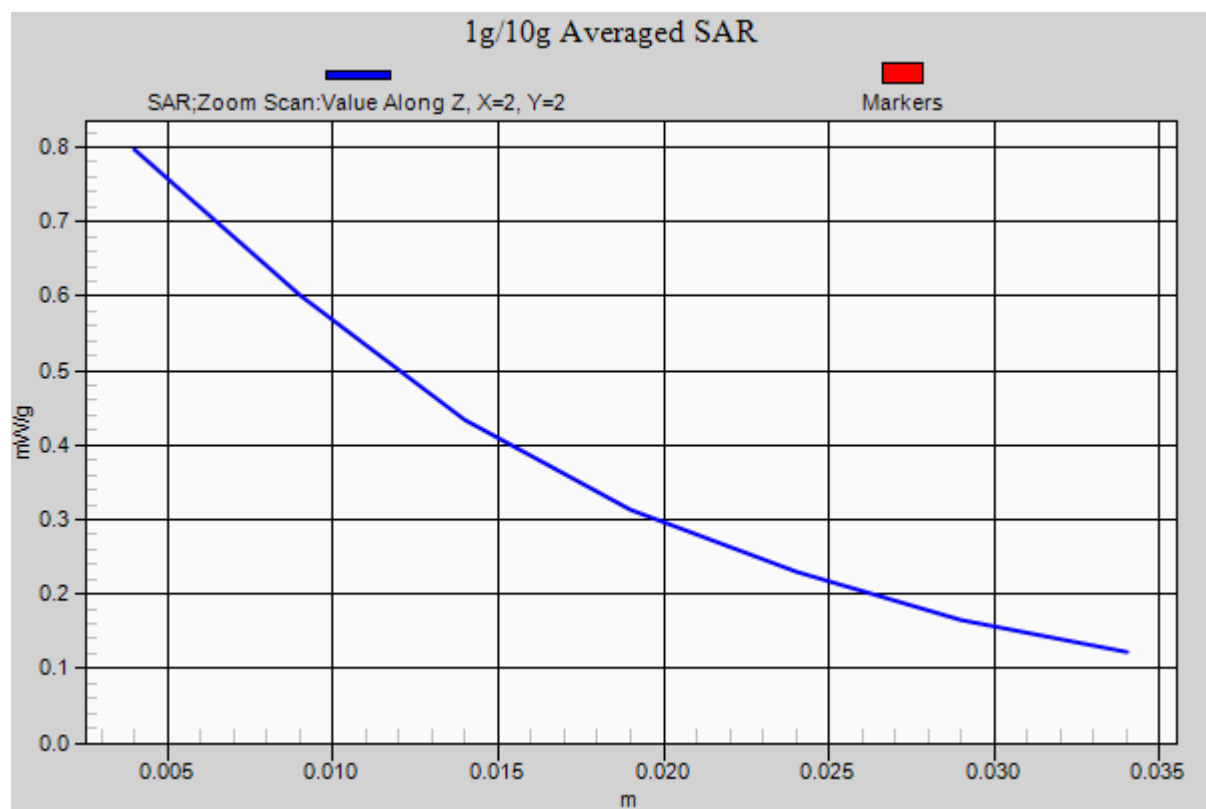
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.147 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.968 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.797 mW/g



#14 GSM850_Right Tilted_Ch251

DUT: 1O1401

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111024 Medium parameters used: $f = 849$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 41.688$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.409 mW/g

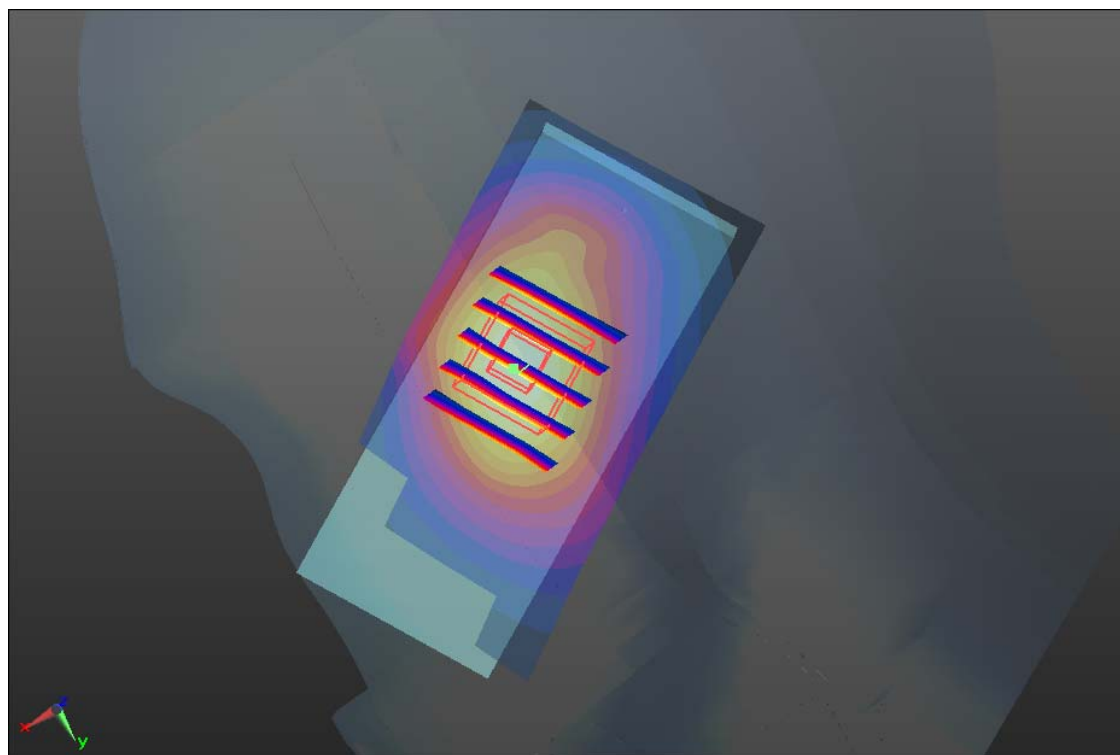
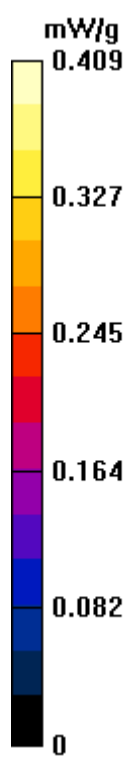
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.719 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.470 W/kg

SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.277 mW/g

Maximum value of SAR (measured) = 0.401 mW/g



#15 GSM850_Left Cheek_Ch251

DUT: 1O1401

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111024 Medium parameters used: $f = 849$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 41.688$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.796 mW/g

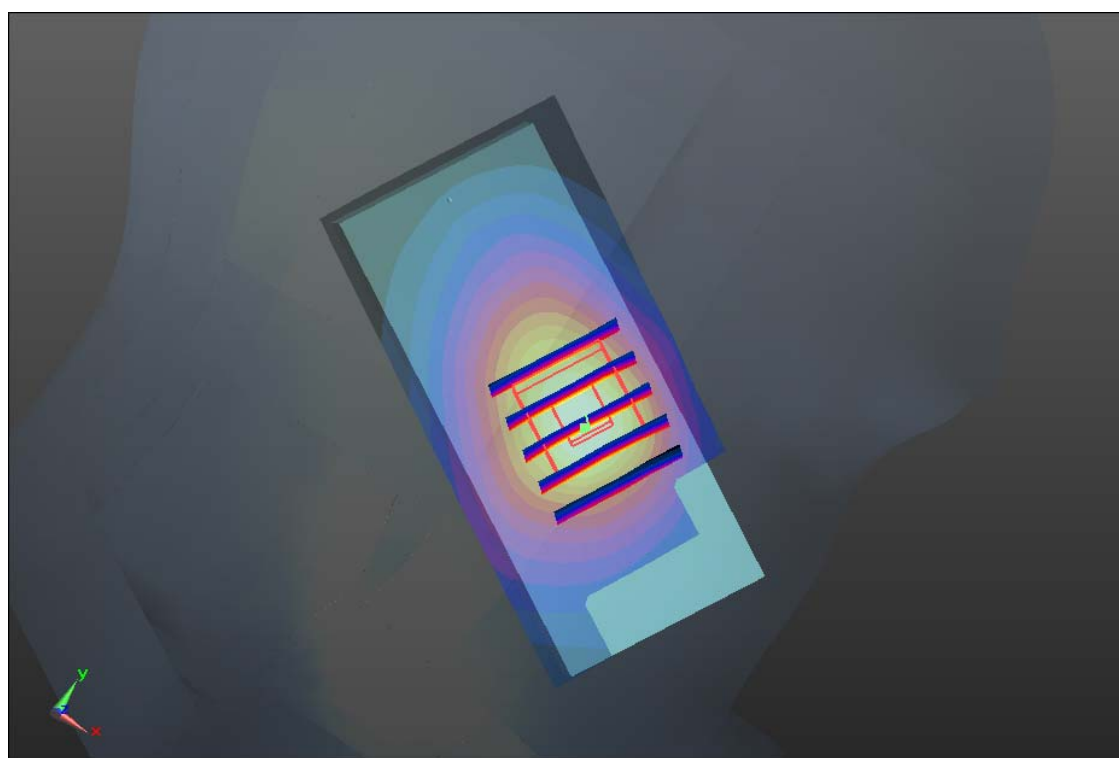
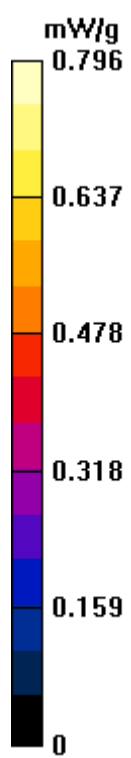
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.560 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.746 mW/g



#16 GSM850_Left Tilted_Ch251

DUT: 1O1401

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111024 Medium parameters used: $f = 849$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 41.688$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.362 mW/g

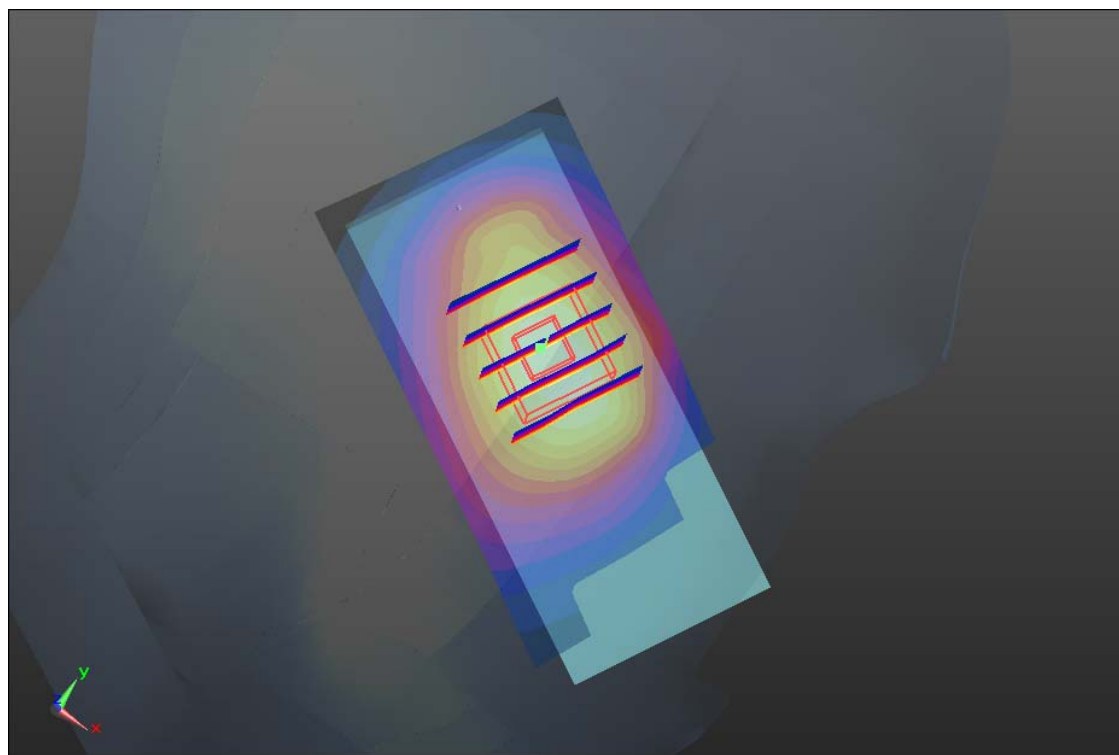
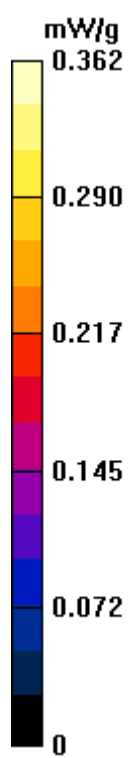
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.709 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.365 mW/g



#01 GSM1900_Right Cheek_Ch512

DUT: 1O1401

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111024 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ mho/m; $\epsilon_r =$

40.694; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.652 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.986 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.637 mW/g

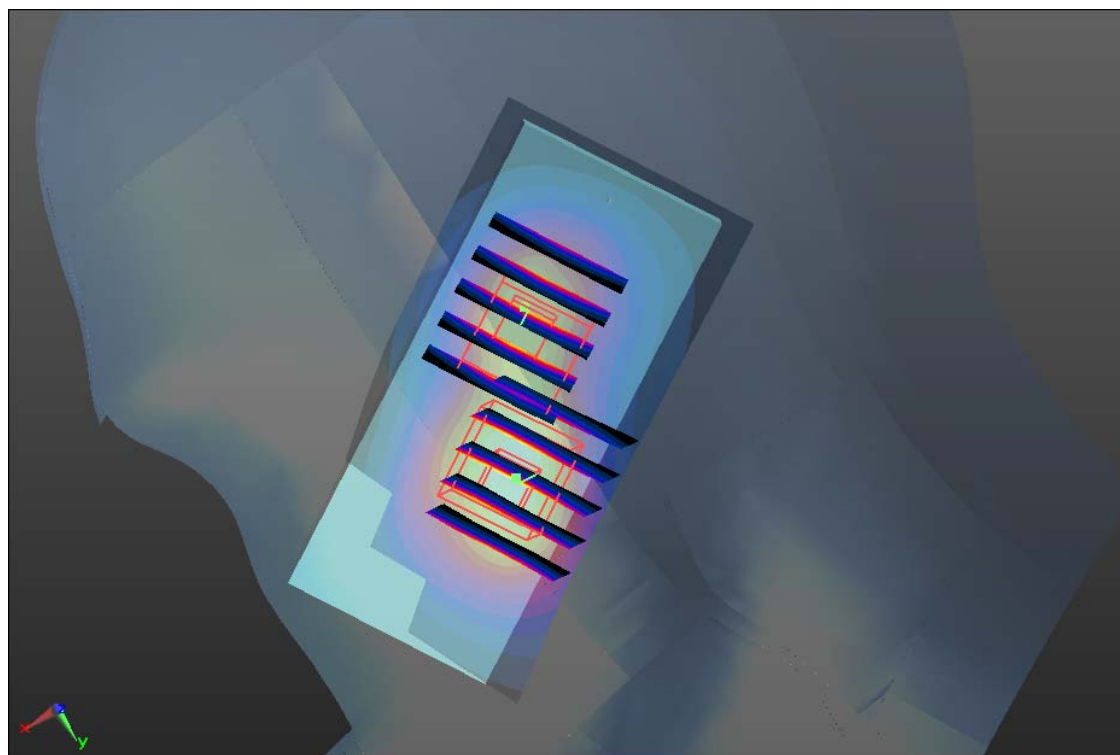
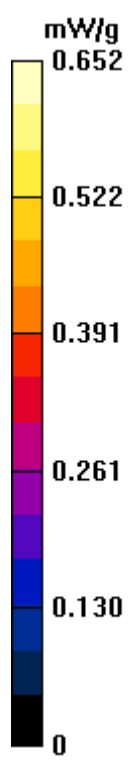
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.986 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.532 mW/g



#01 GSM1900_Right Cheek_Ch512_2D

DUT: 1O1401

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111024 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ mho/m; $\epsilon_r =$

40.694; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.652 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.986 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.637 mW/g

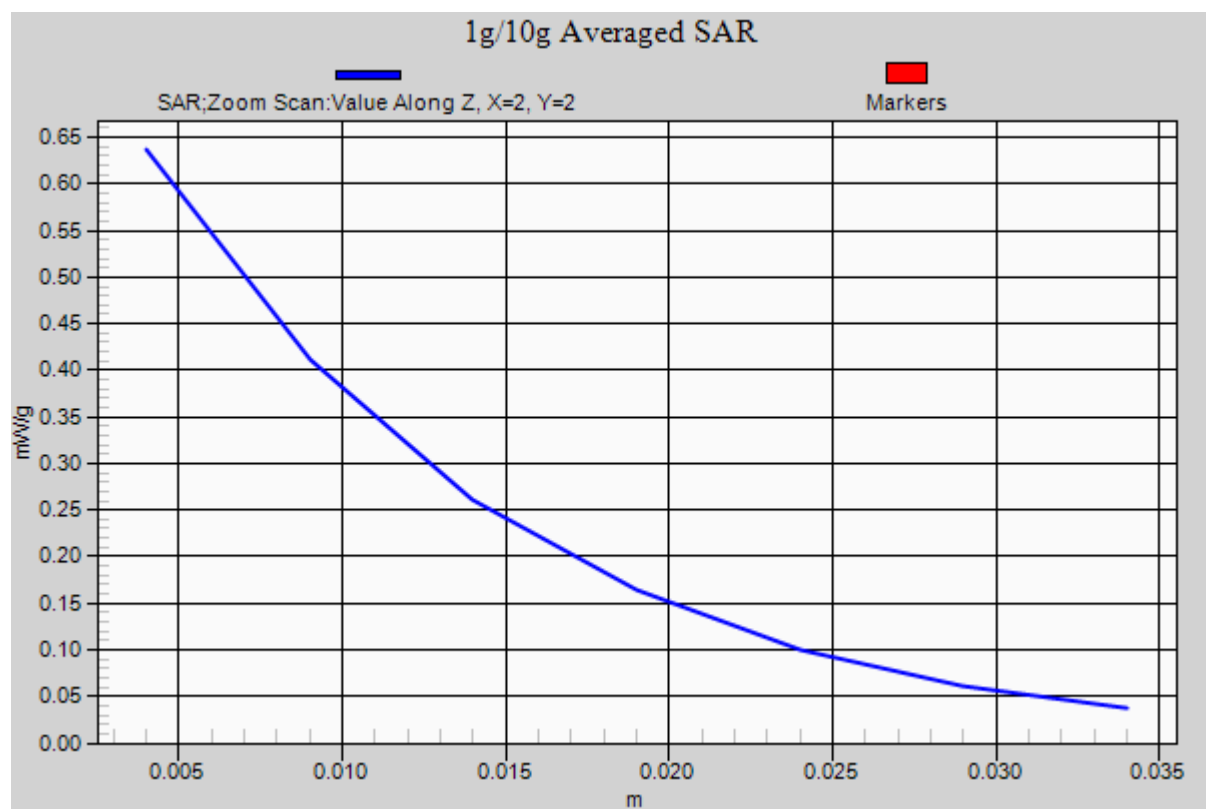
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.986 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.693 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.532 mW/g



#02 GSM1900_Right Tilted_Ch512

DUT: 1O1401

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111024 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.369 \text{ mho/m}$; $\epsilon_r = 40.694$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.420 mW/g

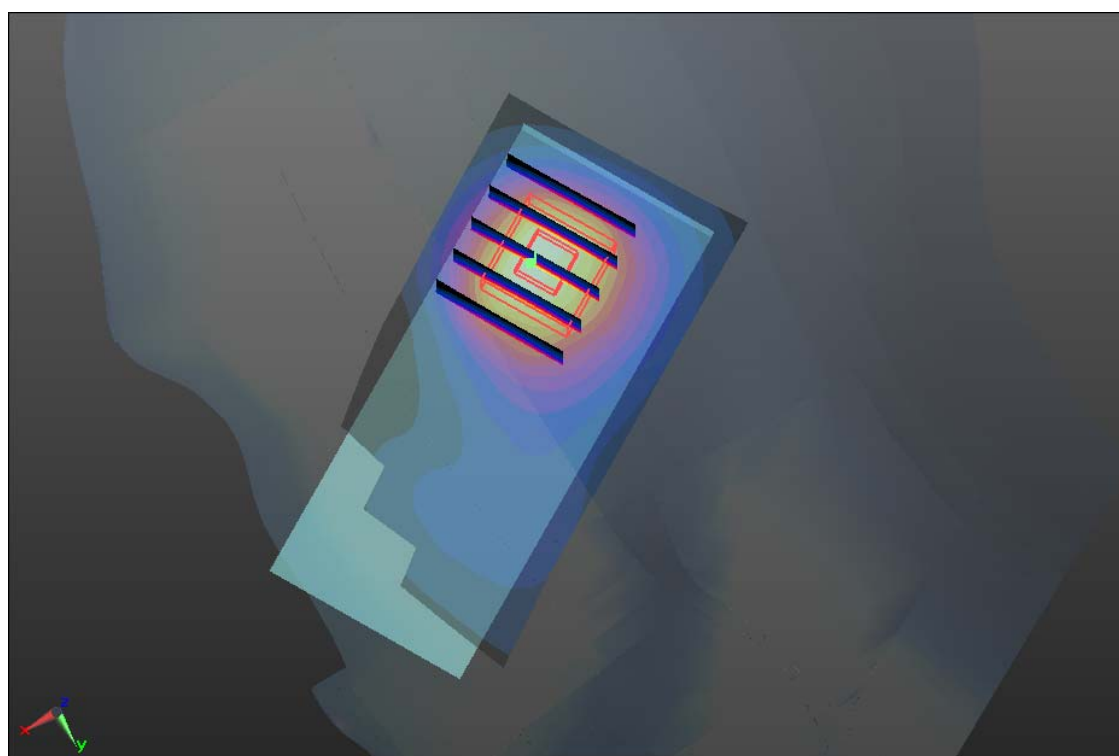
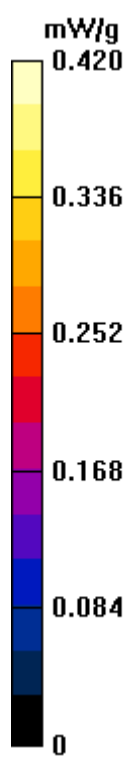
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.382 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.363 mW/g ; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.391 mW/g



#03 GSM1900_Left Cheek_Ch512

DUT: 1O1401

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111024 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ mho/m; $\epsilon_r =$

40.694; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.419 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.393 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.401 mW/g

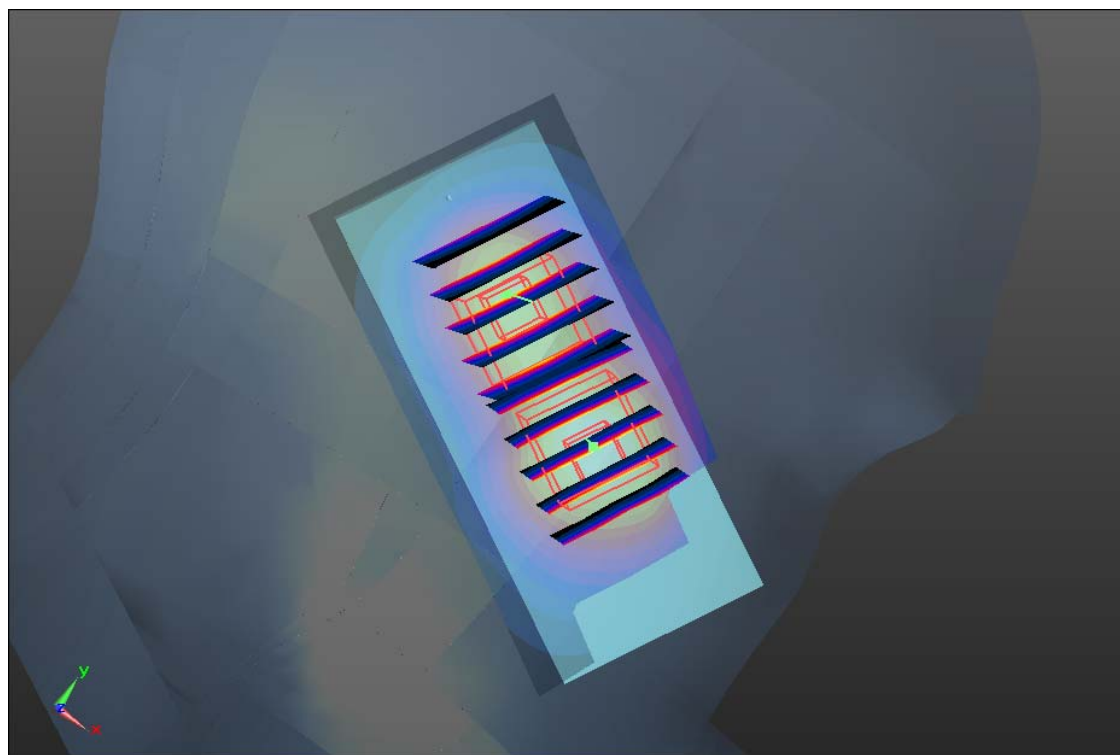
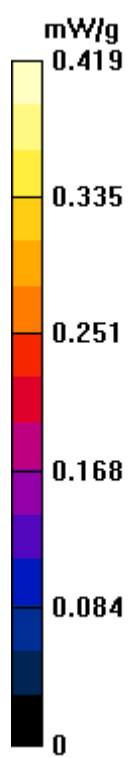
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.393 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.378 mW/g



#04 GSM1900_Left Tilted_Ch512

DUT: 1O1401

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111024 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ mho/m; $\epsilon_r =$

40.694; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.362 mW/g

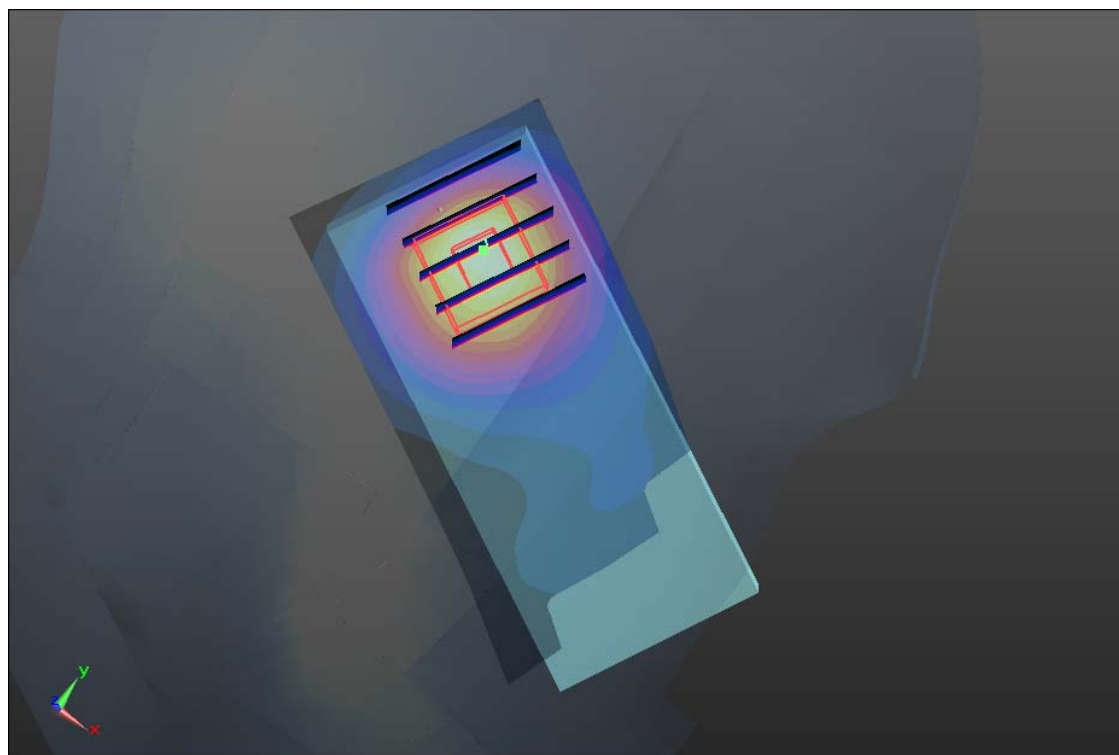
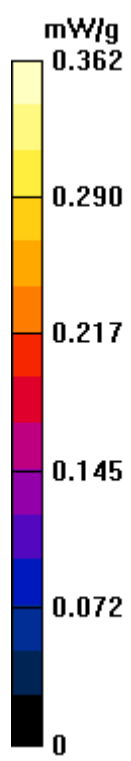
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.265 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.341 mW/g



#17 WCDMA V_RMC12.2K_Right Cheek_Ch4233

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 847$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 41.71$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.939 mW/g

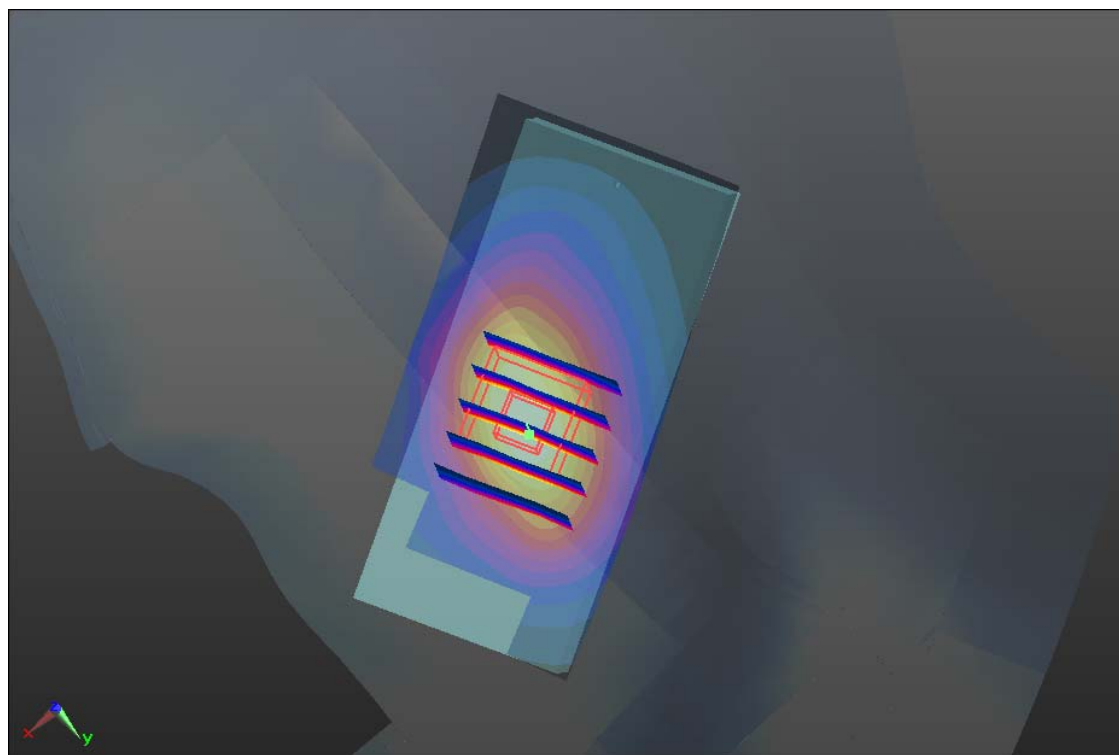
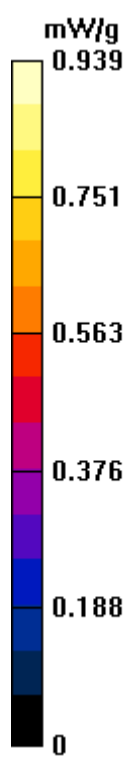
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.484 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.081 W/kg

SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 0.877 mW/g



#17 WCDMA V_RMC12.2K_Right Cheek_Ch4233_2D

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 847$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 41.71$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.939 mW/g

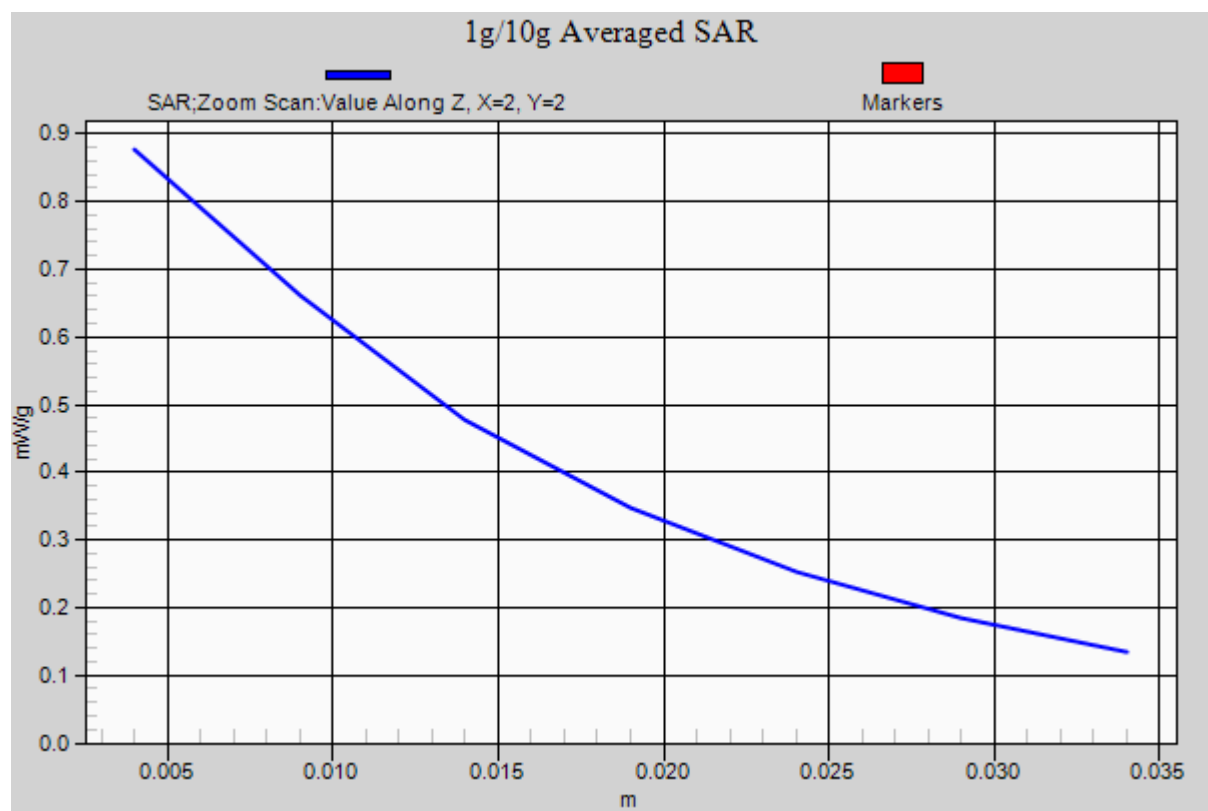
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.484 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.081 W/kg

SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.574 mW/g

Maximum value of SAR (measured) = 0.877 mW/g



#18 WCDMA V_RMC12.2K_Right Tilted_Ch4233

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 847$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 41.71$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.420 mW/g

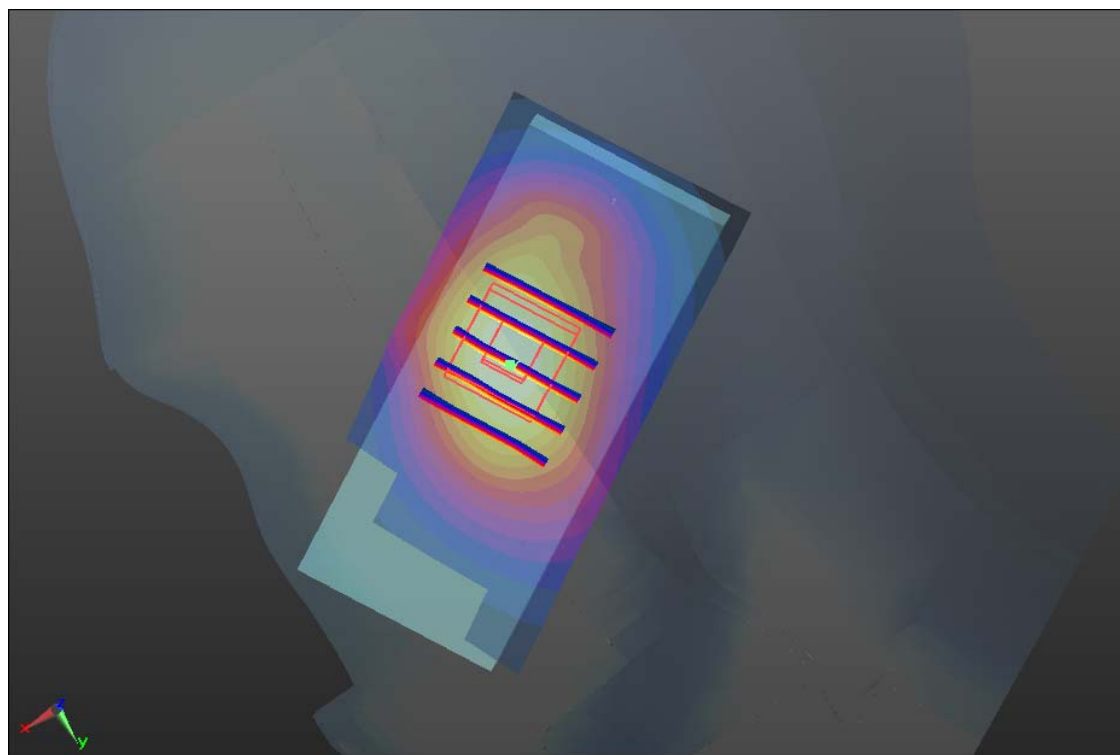
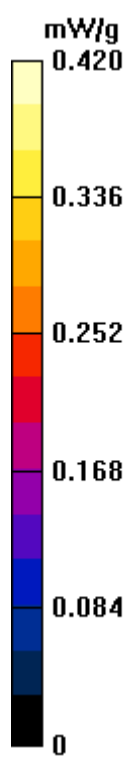
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.496 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 0.406 mW/g



#19 WCDMA V_RMC12.2K_Left Cheek_Ch4233

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 847$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 41.71$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.879 mW/g

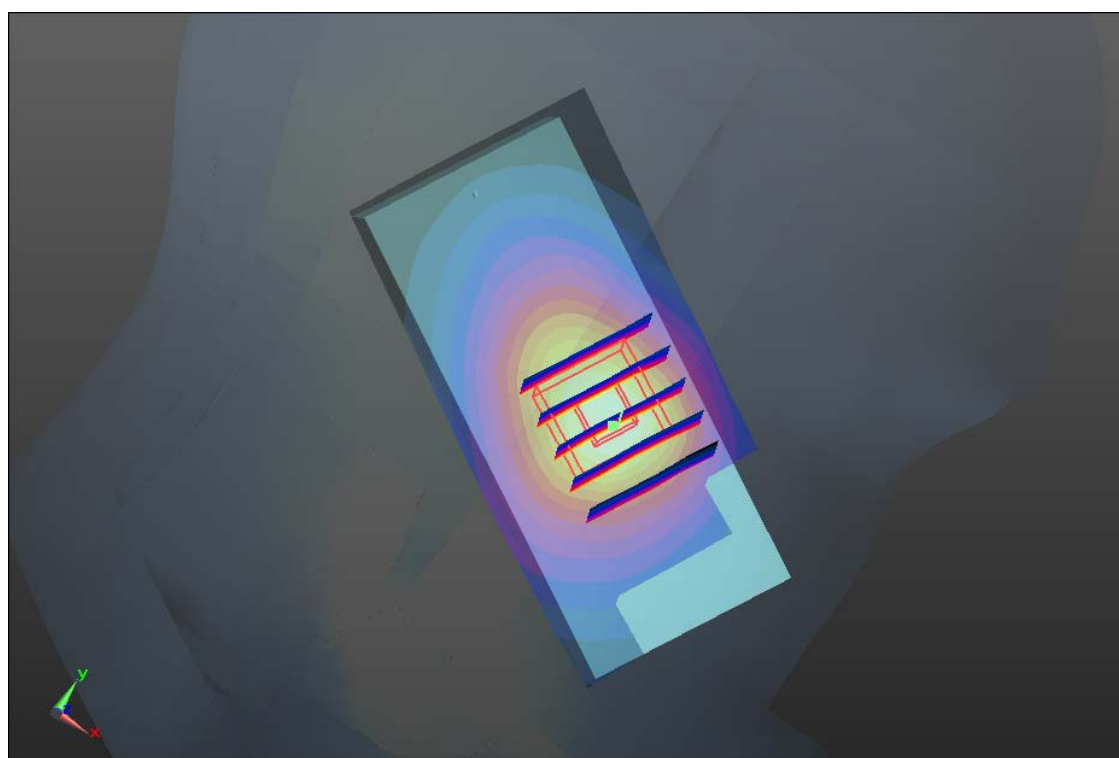
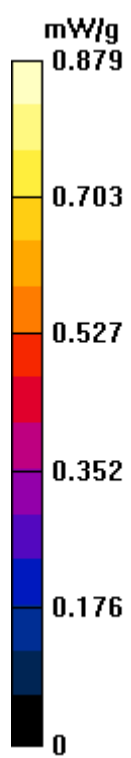
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.887 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.993 W/kg

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 0.828 mW/g



#20 WCDMA V_RMC12.2K_Left Tilted_Ch4233

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 847$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 41.71$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.393 mW/g

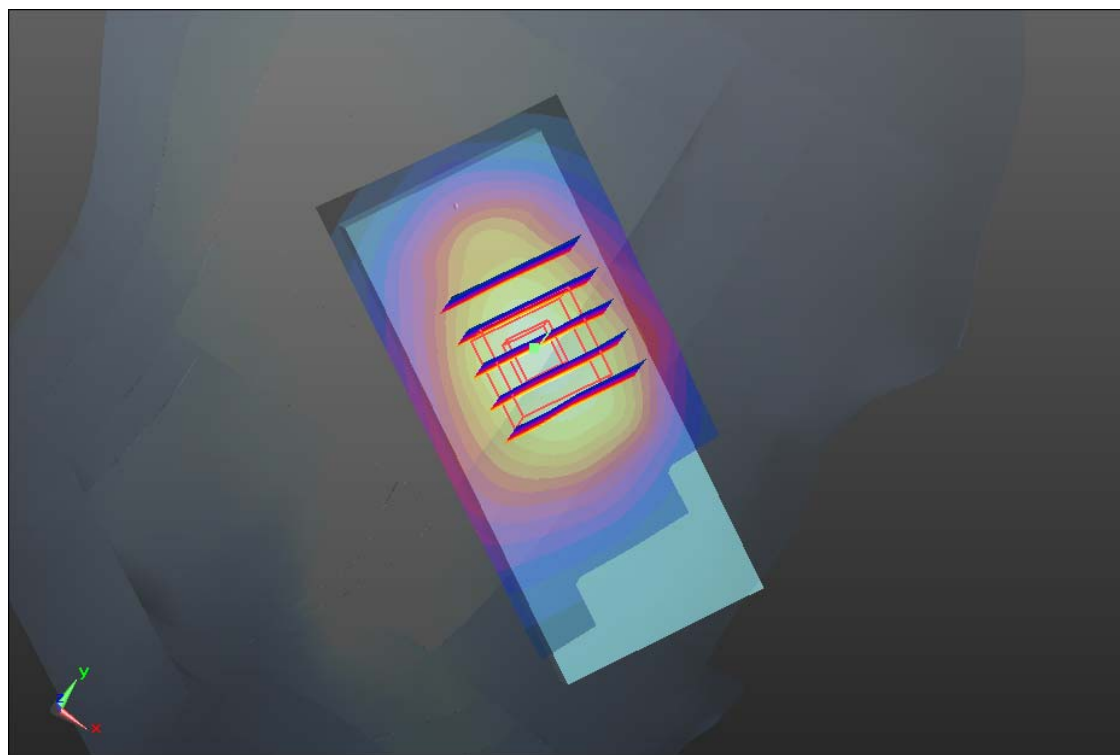
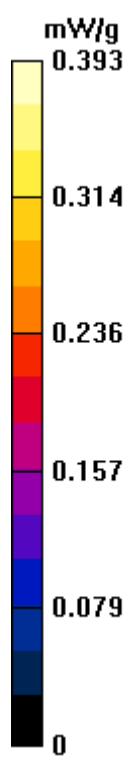
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.818 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.386 mW/g



#21 WCDMA V_RMC12.2K_Right Cheek_Ch4132

DUT: 1O1401

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r =$

41.937; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.657 mW/g

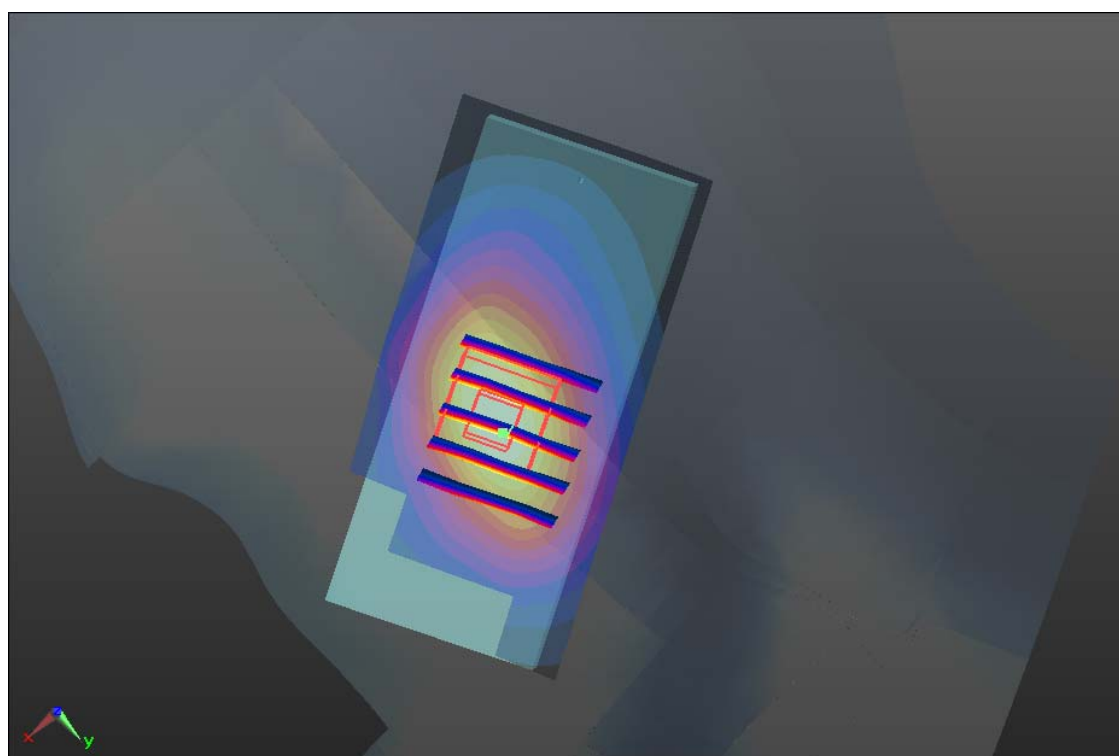
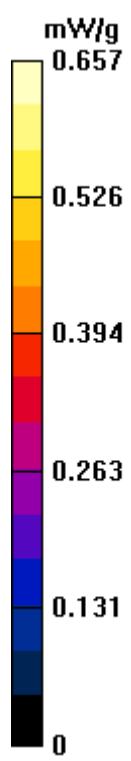
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.540 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.431 mW/g

Maximum value of SAR (measured) = 0.643 mW/g



#22 WCDMA V_RMC12.2K_Right Cheek_Ch4182

DUT: 1O1401

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_111024 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 41.83$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.588 mW/g

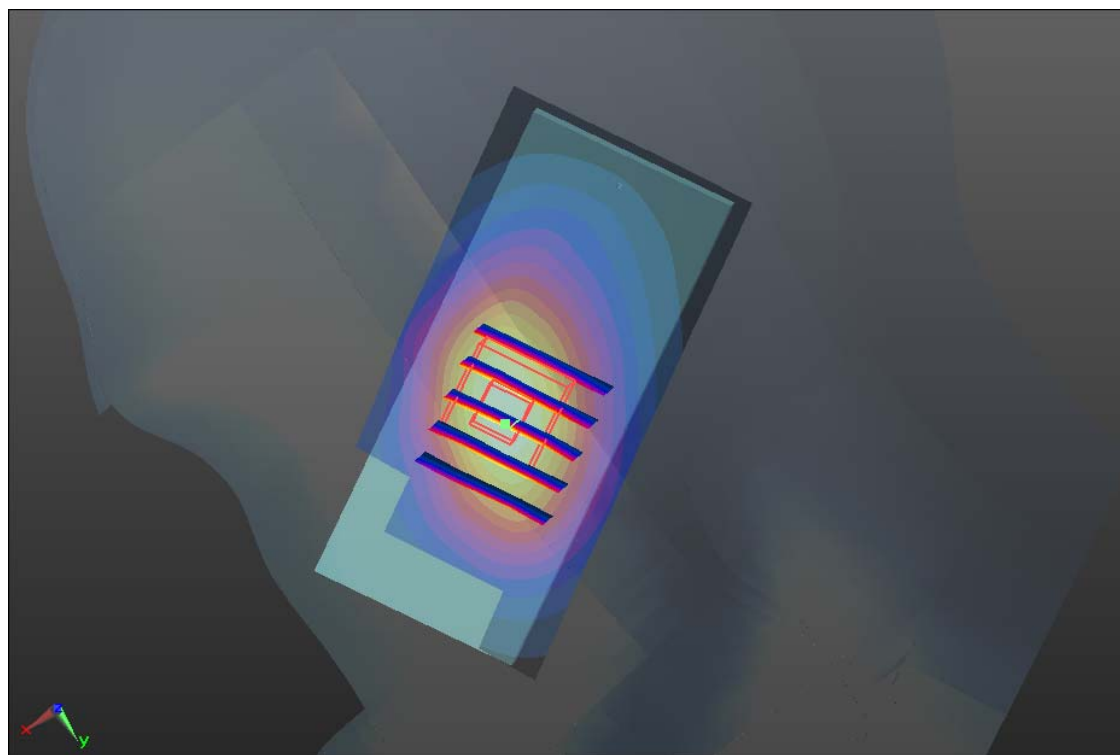
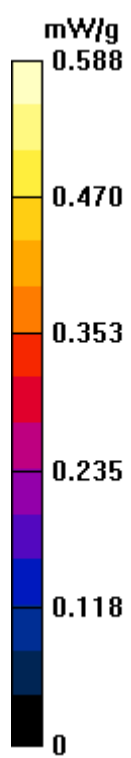
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.099 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.561 mW/g



#05 WCDMA II_RMC12.2K_Right Cheek_Ch9262

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.371$ mho/m; $\epsilon_r =$

40.687 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.507 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.731 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.008 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.795 mW/g

Maximum value of SAR (measured) = 1.414 mW/g

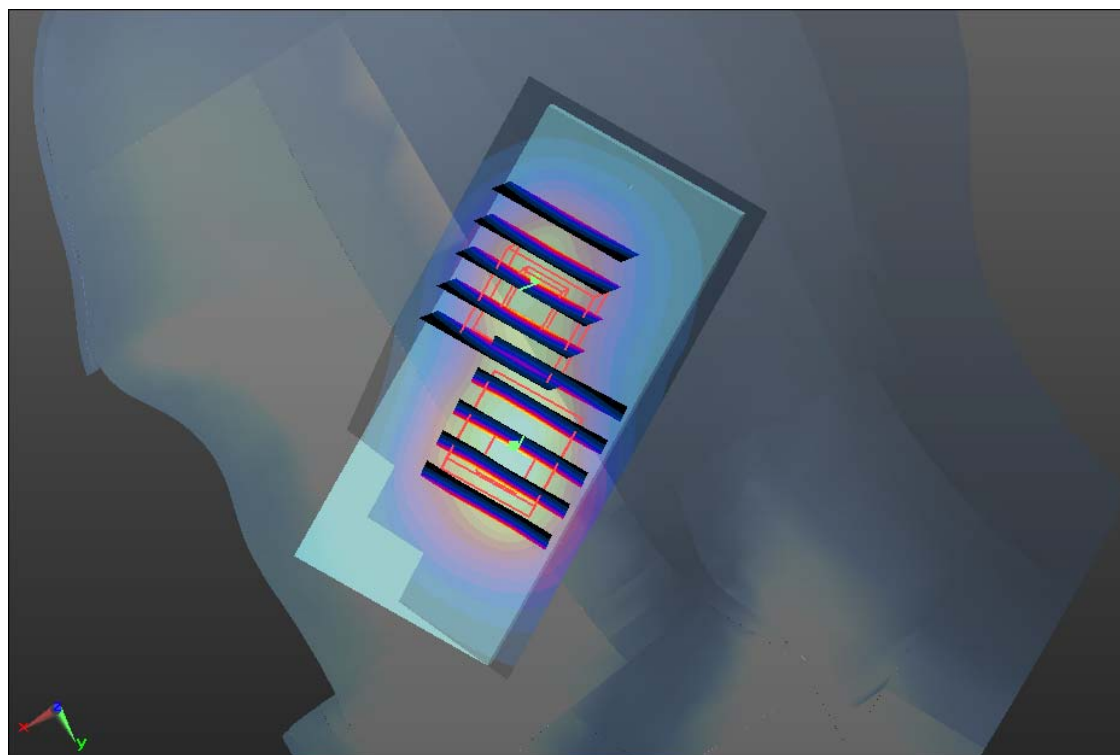
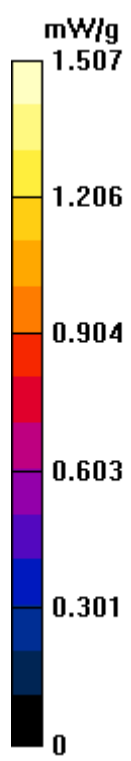
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.731 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.530 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.692 mW/g

Maximum value of SAR (measured) = 1.189 mW/g



#06 WCDMA II_RMC12.2K_Right Tilted_Ch9262

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.371$ mho/m; $\epsilon_r =$

40.687; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.867 mW/g

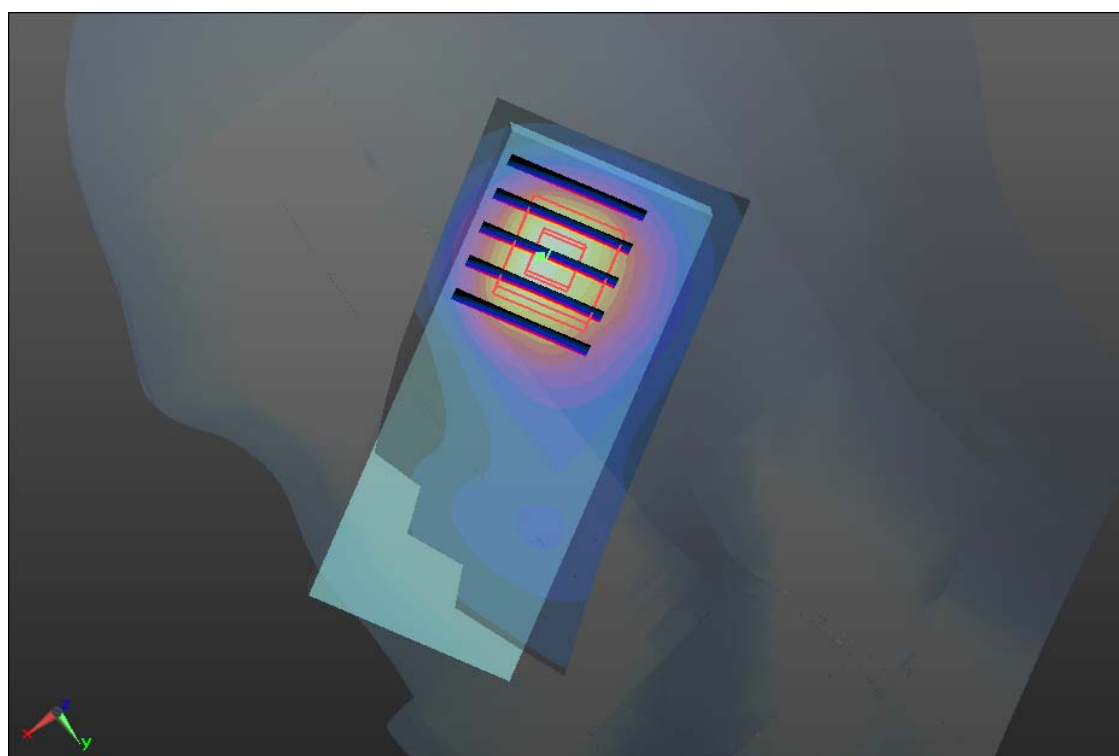
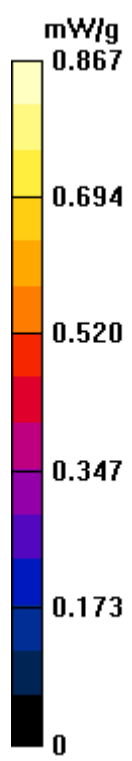
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.575 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.102 W/kg

SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.808 mW/g



#07 WCDMA II_RMC12.2K_Left Cheek_Ch9262

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.371$ mho/m; $\epsilon_r =$

40.687; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.001 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.376 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.367 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.995 mW/g

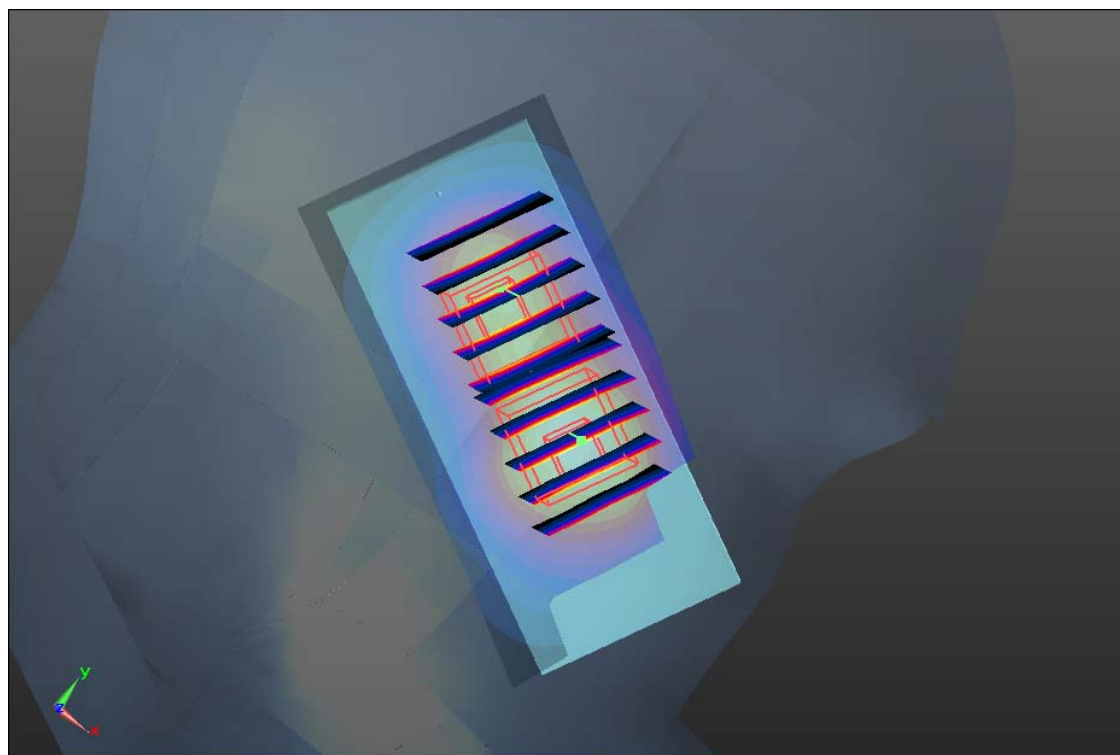
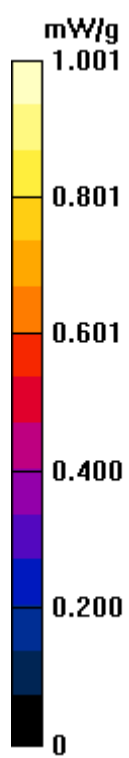
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.376 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.175 W/kg

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.910 mW/g



#08 WCDMA II_RMC12.2K_Left Tilted_Ch9262

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.371$ mho/m; $\epsilon_r =$

40.687; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.930 mW/g

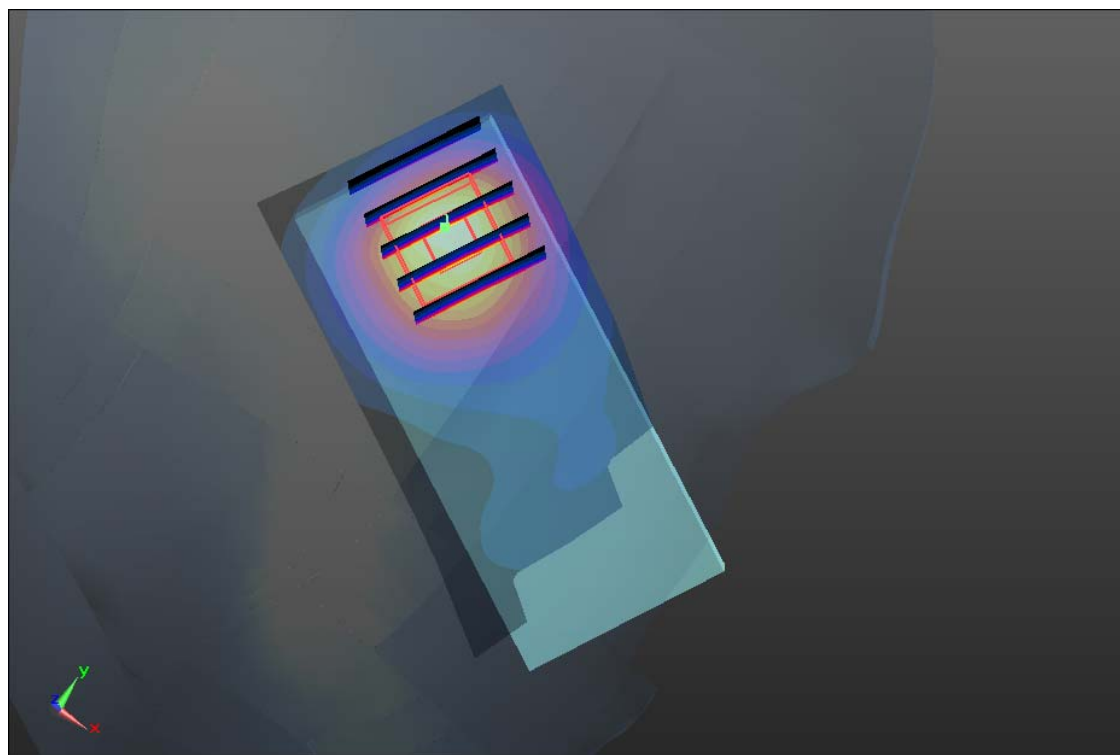
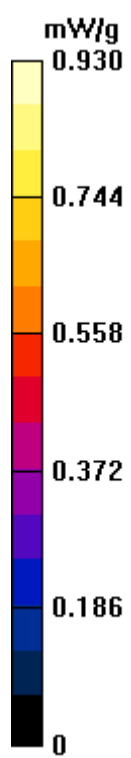
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.218 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.183 W/kg

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.849 mW/g



#09 WCDMA II_RMC12.2K_Right Cheek_Ch9400

DUT: 1O1401

Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.397$ mho/m; $\epsilon_r =$

40.608; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.570 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.752 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.209 W/kg

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.855 mW/g

Maximum value of SAR (measured) = 1.536 mW/g

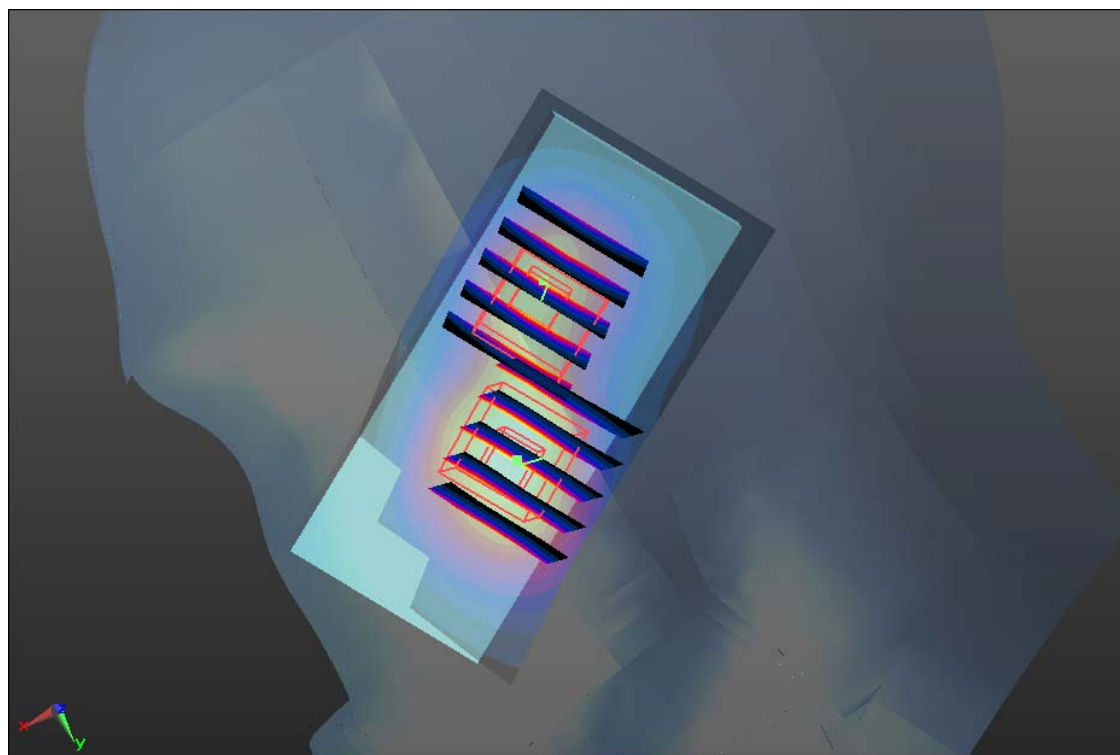
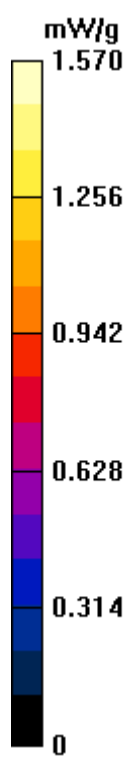
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.752 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.625 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.720 mW/g

Maximum value of SAR (measured) = 1.244 mW/g



#10 WCDMA II_RMC12.2K_Right Cheek_Ch9538

DUT: 1O1401

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.423$ mho/m; $\epsilon_r =$

40.497; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.372 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.205 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.343 W/kg

SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.882 mW/g

Maximum value of SAR (measured) = 1.622 mW/g

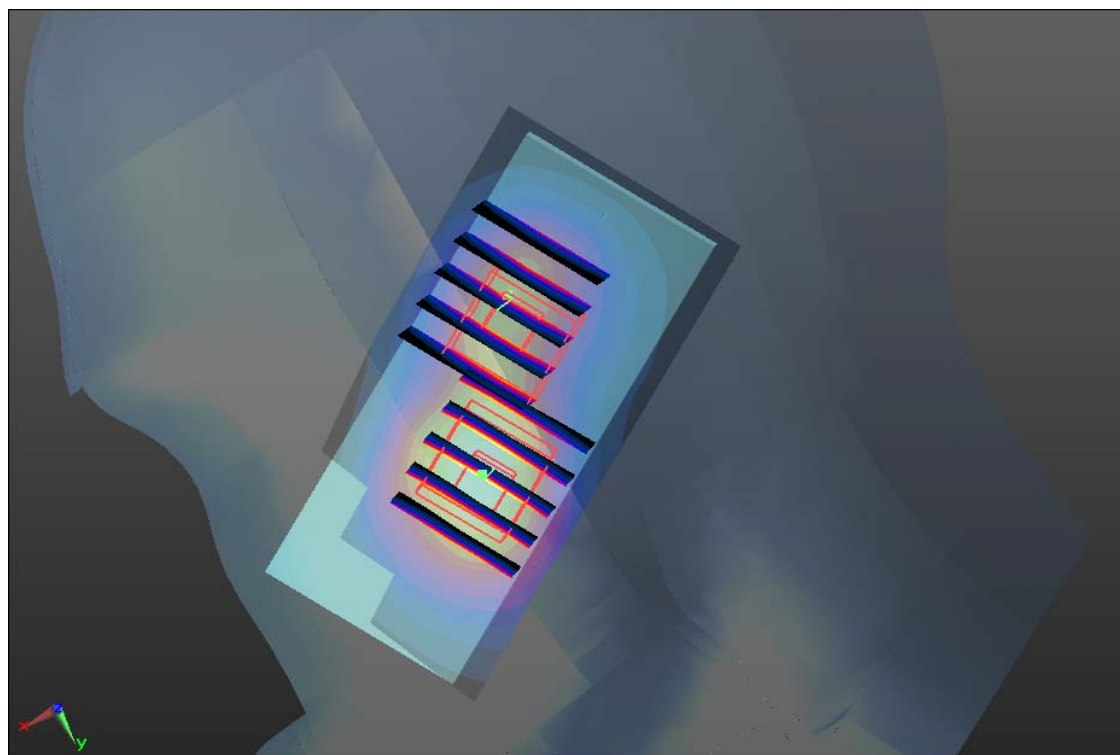
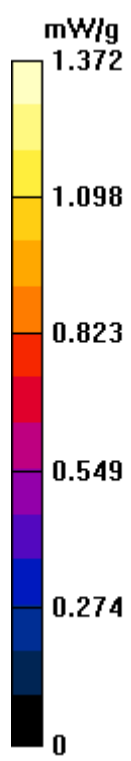
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.205 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.408 W/kg

SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 1.028 mW/g



#10 WCDMA II_RMC12.2K_Right Cheek_Ch9538_2D

DUT: 1O1401

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.423$ mho/m; $\epsilon_r = 40.497$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.372 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.205 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.343 W/kg

SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.882 mW/g

Maximum value of SAR (measured) = 1.622 mW/g

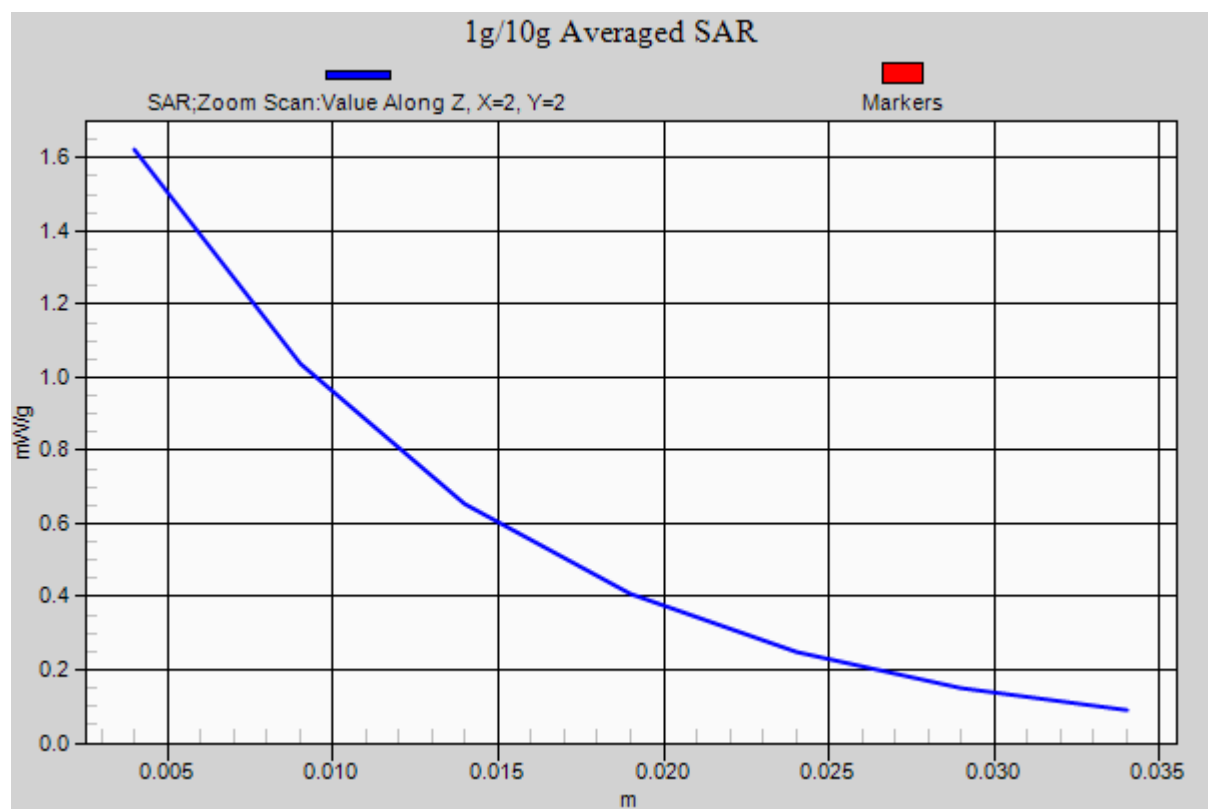
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.205 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.408 W/kg

SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 1.028 mW/g



#11 WCDMA II_RMC12.2K_Left Cheek_Ch9400

DUT: 1O1401

Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.397$ mho/m; $\epsilon_r =$

40.608; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.087 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.221 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.407 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.594 mW/g

Maximum value of SAR (measured) = 1.028 mW/g

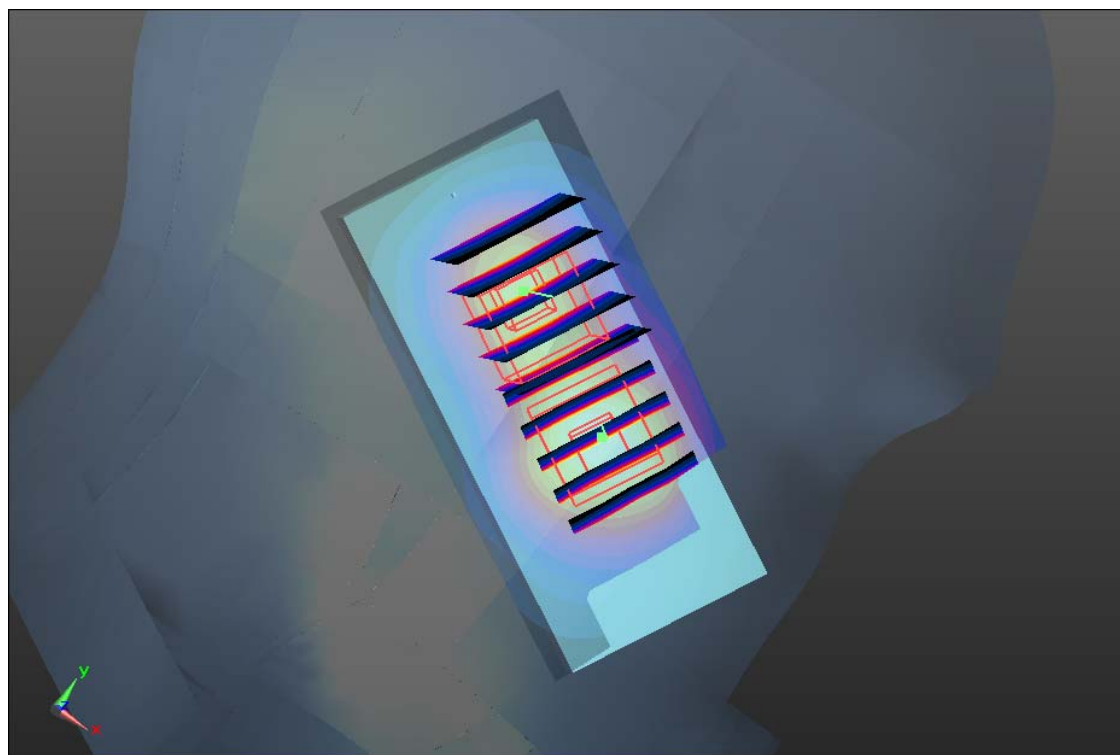
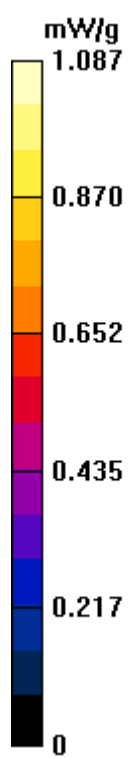
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.221 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.183 W/kg

SAR(1 g) = 0.847 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 0.920 mW/g



#12 WCDMA II_RMC12.2K_Left Cheek_Ch9538

DUT: 1O1401

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_111024 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.423$ mho/m; $\epsilon_r =$

40.497; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.935 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.535 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.431 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.590 mW/g

Maximum value of SAR (measured) = 1.030 mW/g

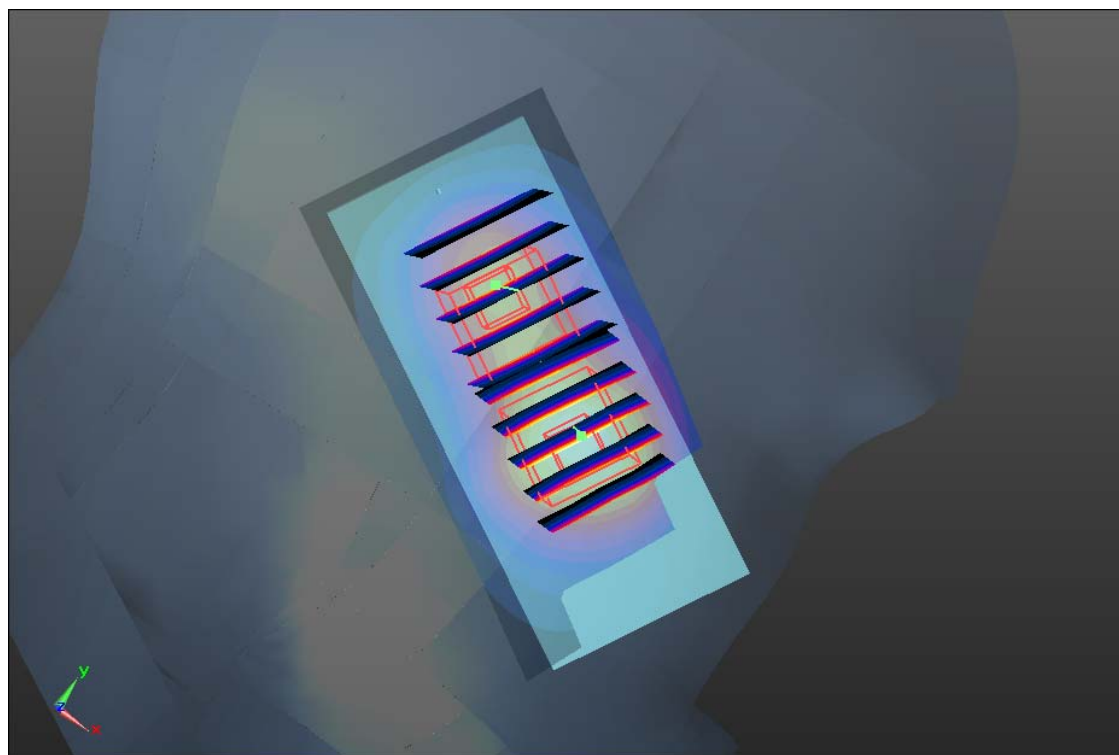
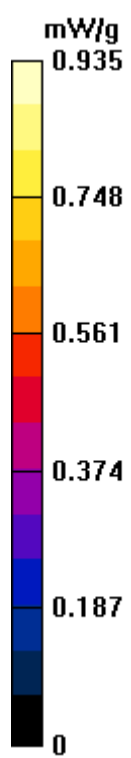
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.535 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.715 mW/g



#29 GSM850_GPRS12_Face_1.5cm_Ch251

DUT: 1O1401

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_111025 Medium parameters used: $f = 849$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.078$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.320 mW/g

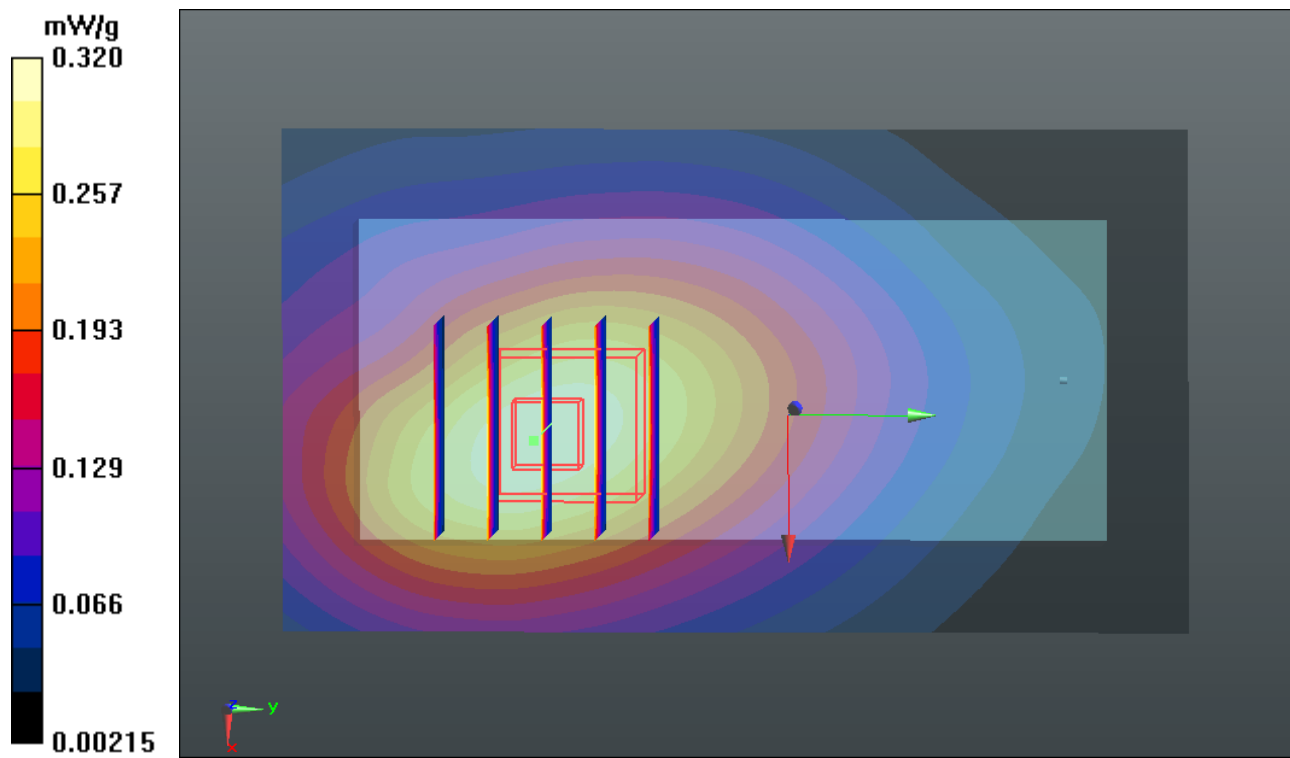
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.149 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.209 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



#30 GSM850_GPRS12_Bottom_1.5cm_Ch251

DUT: 1O1401

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_111025 Medium parameters used: $f = 849$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.078$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.648 mW/g

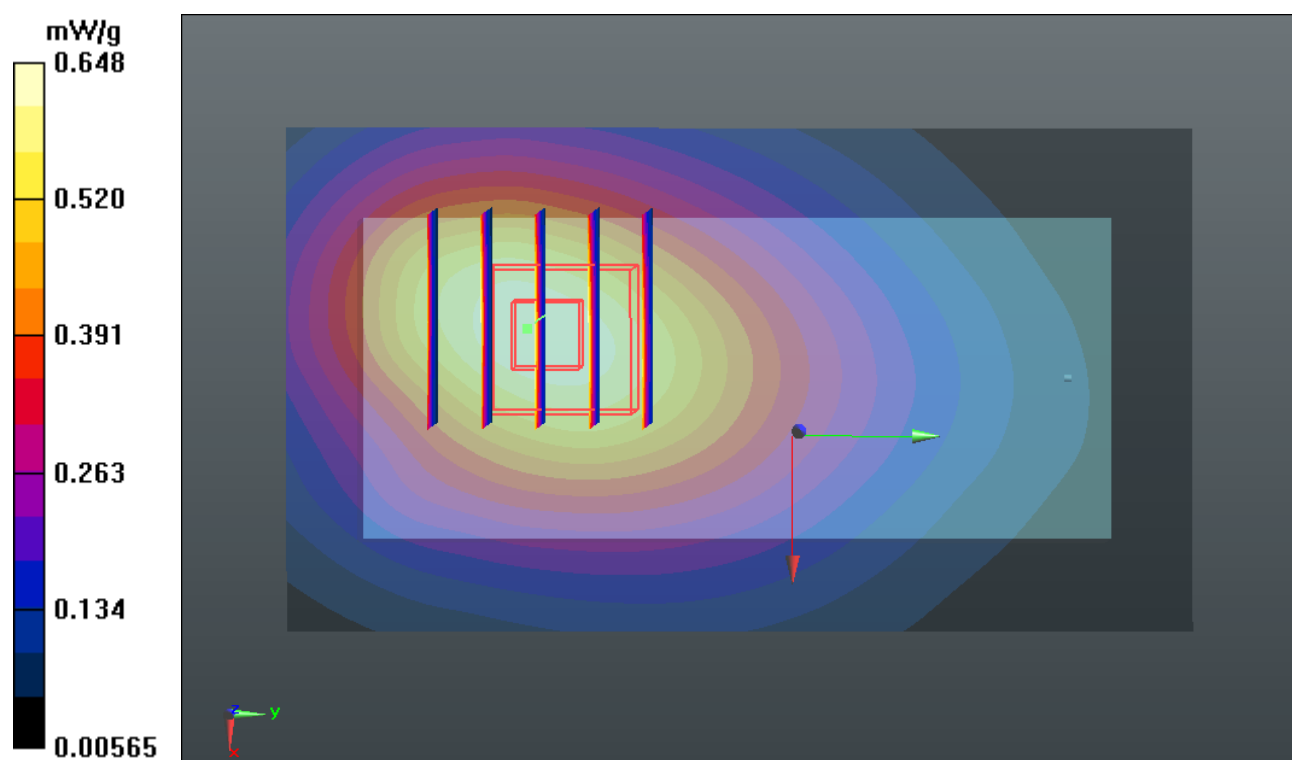
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.255 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.654 mW/g



#30 GSM850_GPRS12_Bottom_1.5cm_Ch251_2D

DUT: 1O1401

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_111025 Medium parameters used: $f = 849$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 54.078$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.648 mW/g

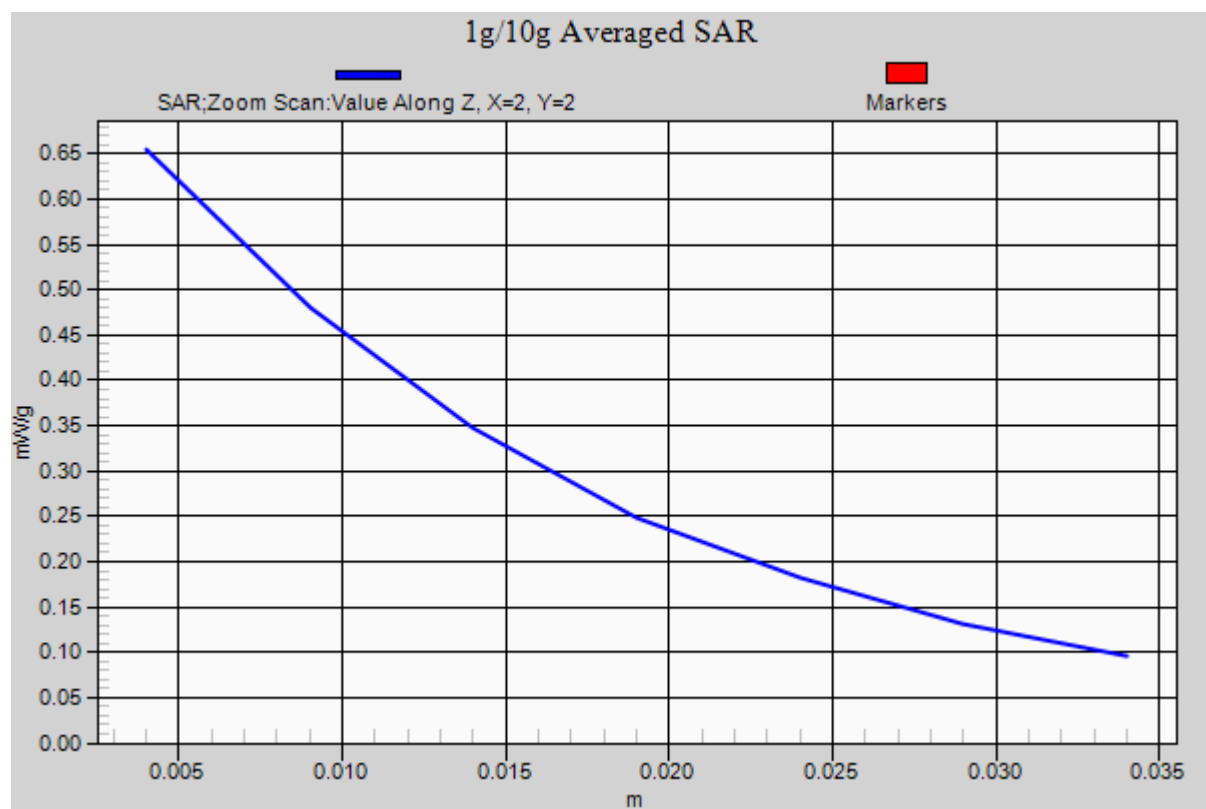
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.255 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.430 mW/g

Maximum value of SAR (measured) = 0.654 mW/g



#27 GSM1900_GPRS12_Face_1.5cm_Ch512

DUT: 1O1401

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111025 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.464$ mho/m; $\epsilon_r =$

54.607 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.293 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.011 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.283 mW/g

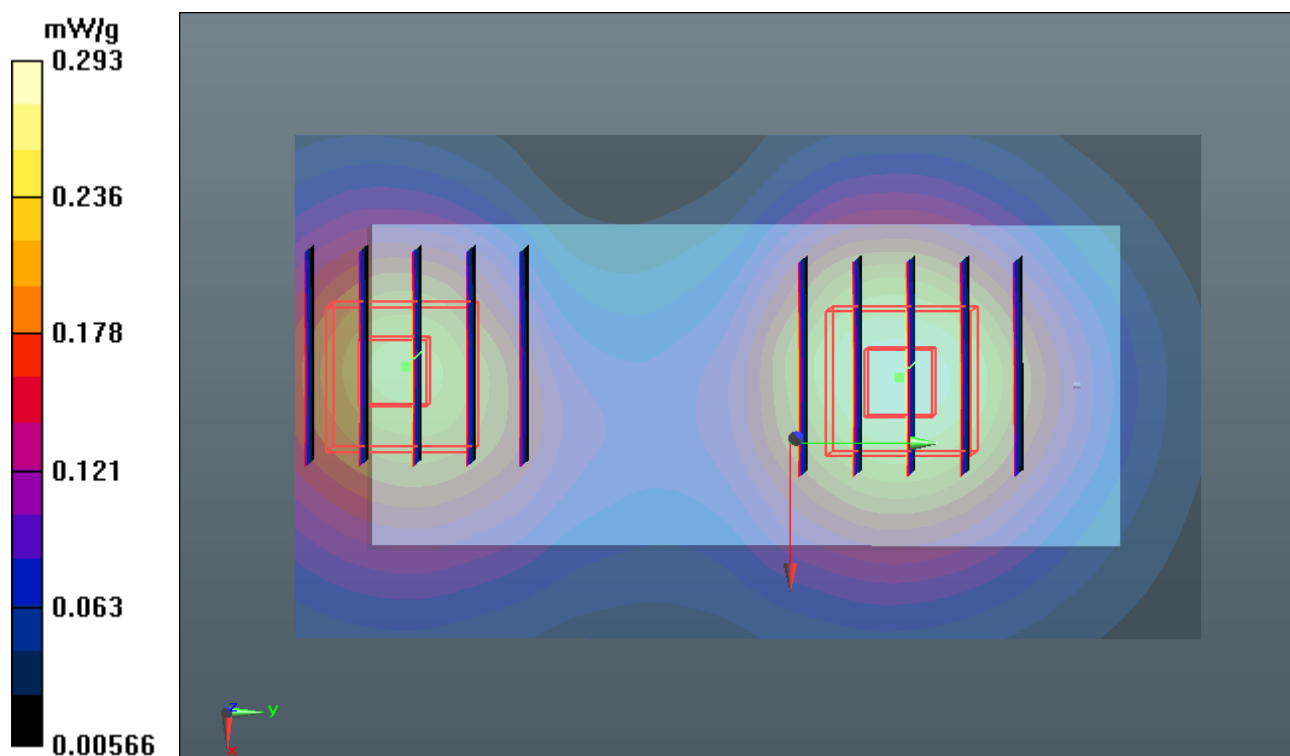
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.011 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.238 mW/g



#28 GSM1900_GPRS12_Bottom_1.5cm_Ch512

DUT: 1O1401

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111025 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.464$ mho/m; $\epsilon_r =$

54.607 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.616 mW/g

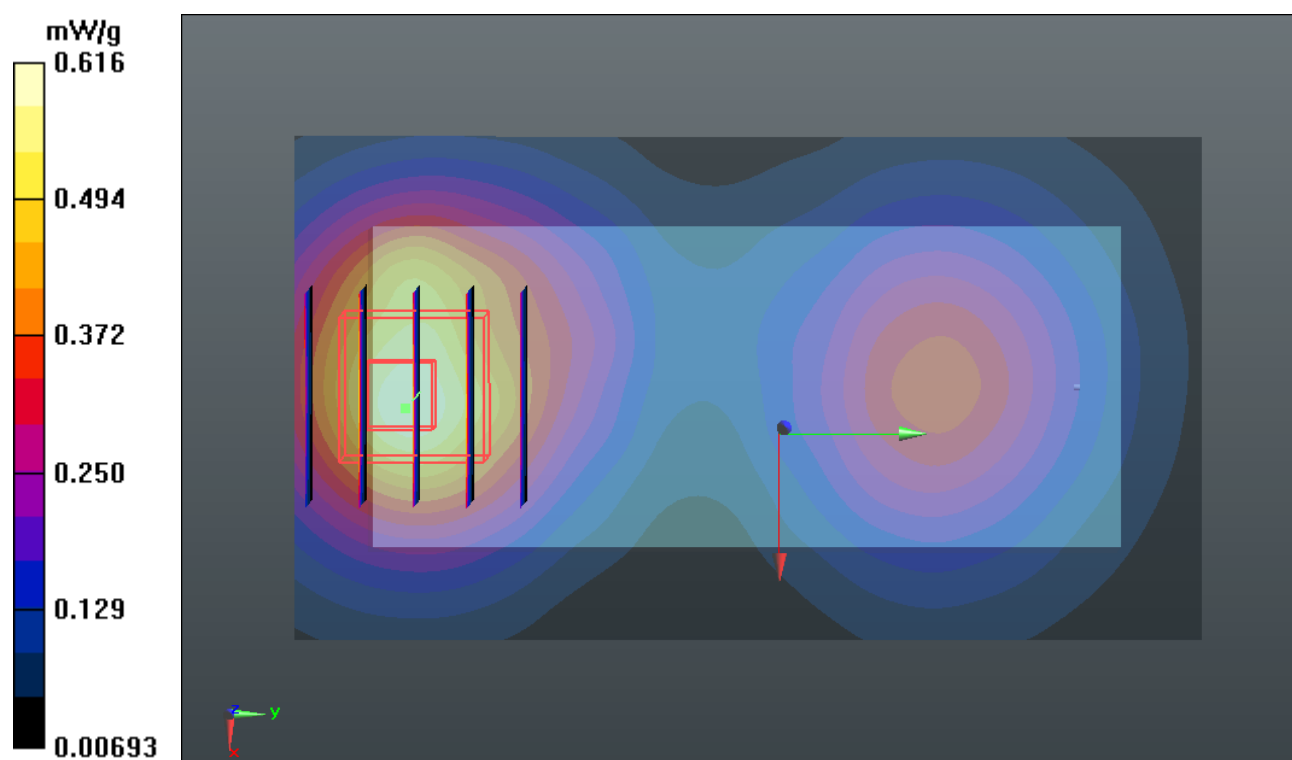
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.697 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.597 mW/g



#28 GSM1900_GPRS12_Bottom_1.5cm_Ch512_2D

DUT: 1O1401

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111025 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.464$ mho/m; $\epsilon_r =$

54.607 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.616 mW/g

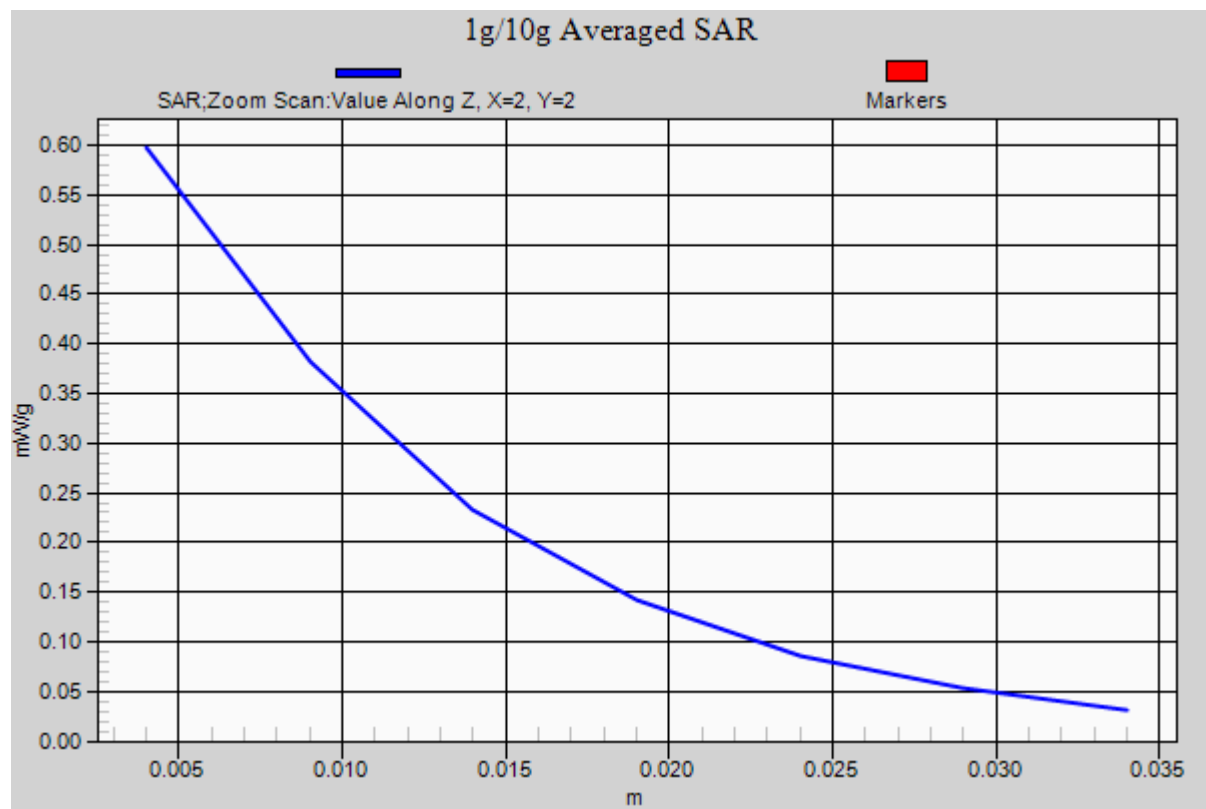
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.697 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.597 mW/g



#31 WCDMA V_RMC12.2K_Face_1.5cm_Ch4233

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_111025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.097$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.226 mW/g

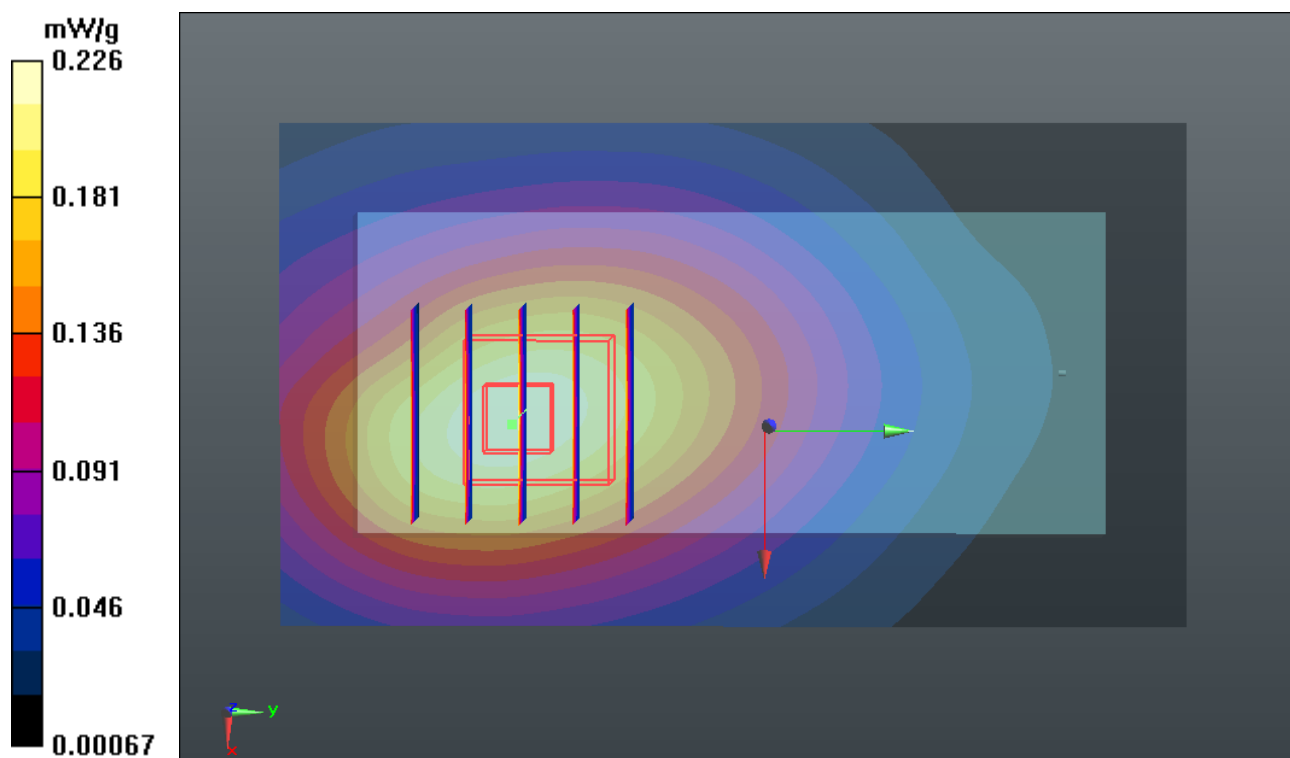
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.047 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



#32 WCDMA V_RMC12.2K_Bottom_1.5cm_Ch4233

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_111025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.097$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.508 mW/g

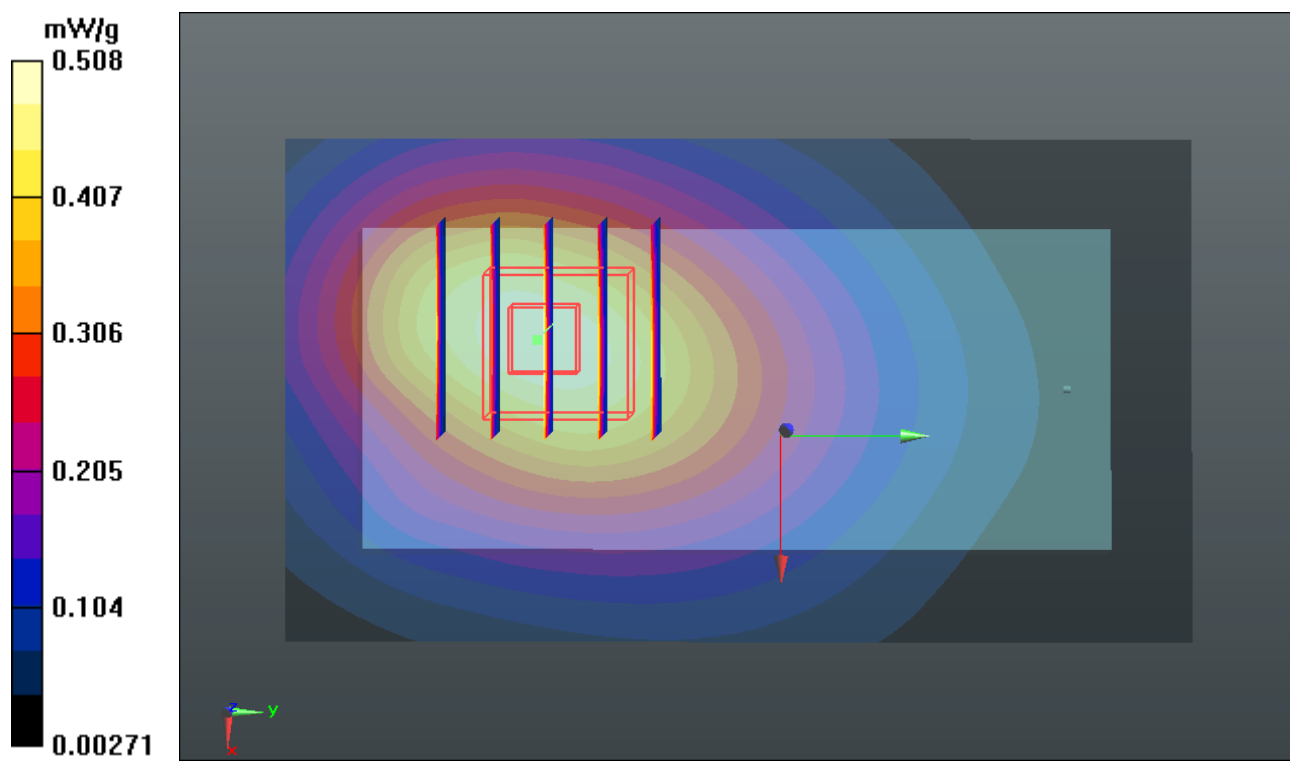
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.215 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.510 mW/g



#32 WCDMA V_RMC12.2K_Bottom_1.5cm_Ch4233_2D

DUT: 1O1401

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_835_111025 Medium parameters used: $f = 847$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.097$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.508 mW/g

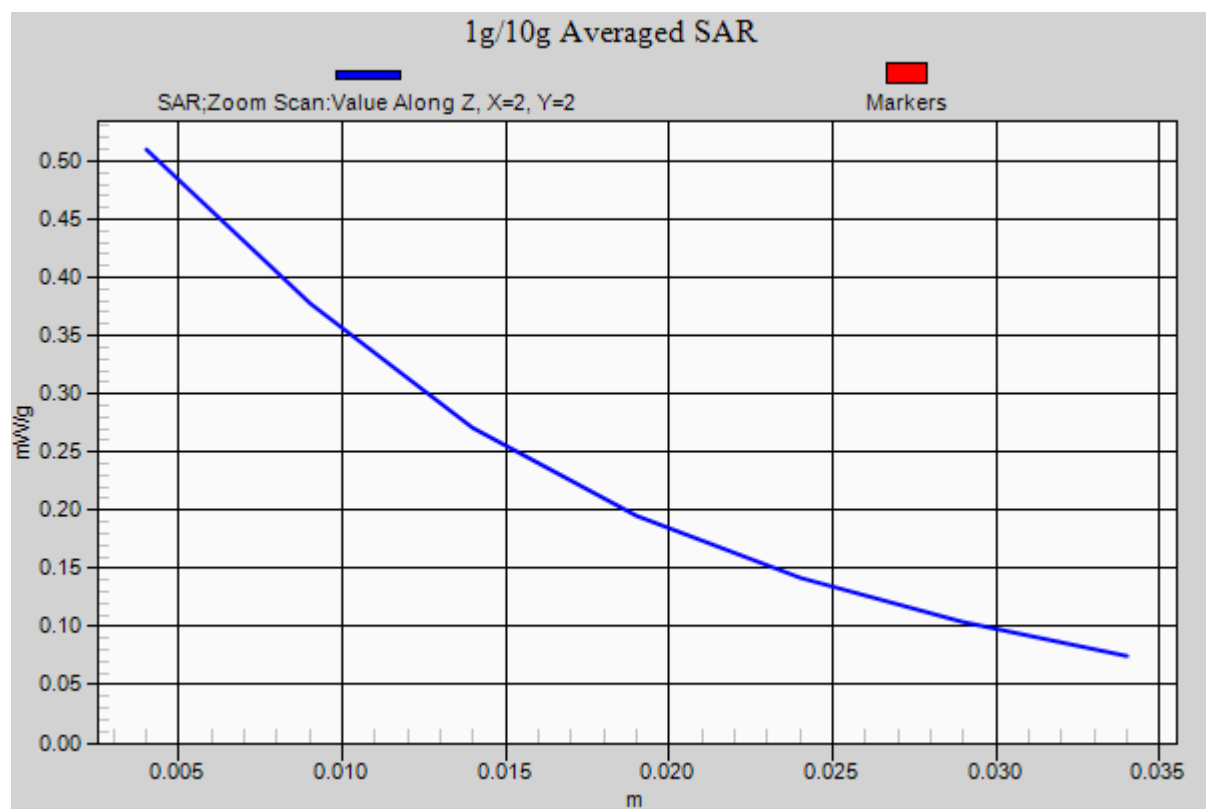
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.215 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.510 mW/g



#23 WCDMA II_RMC12.2K_Face_1.5cm_Ch9262

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111025 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r =$

54.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.591 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.658 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.547 mW/g

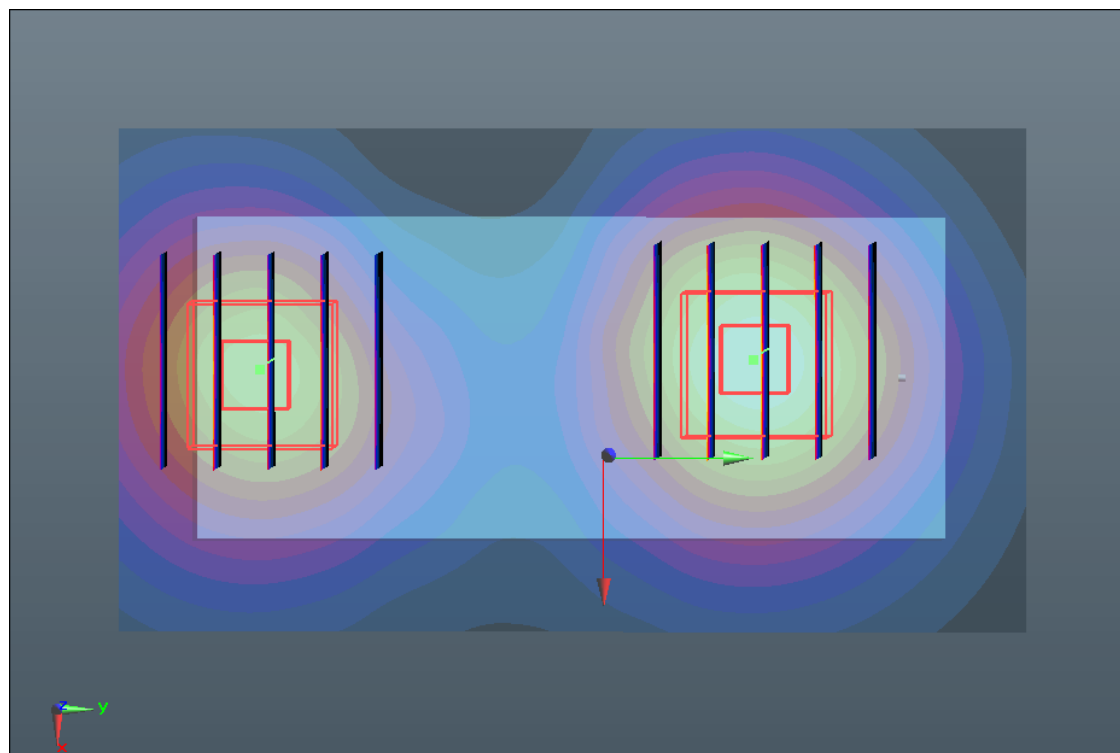
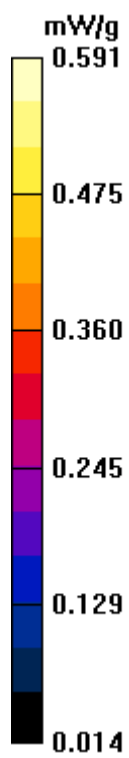
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.658 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



#24 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9262

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111025 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r =$

54.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.098 mW/g

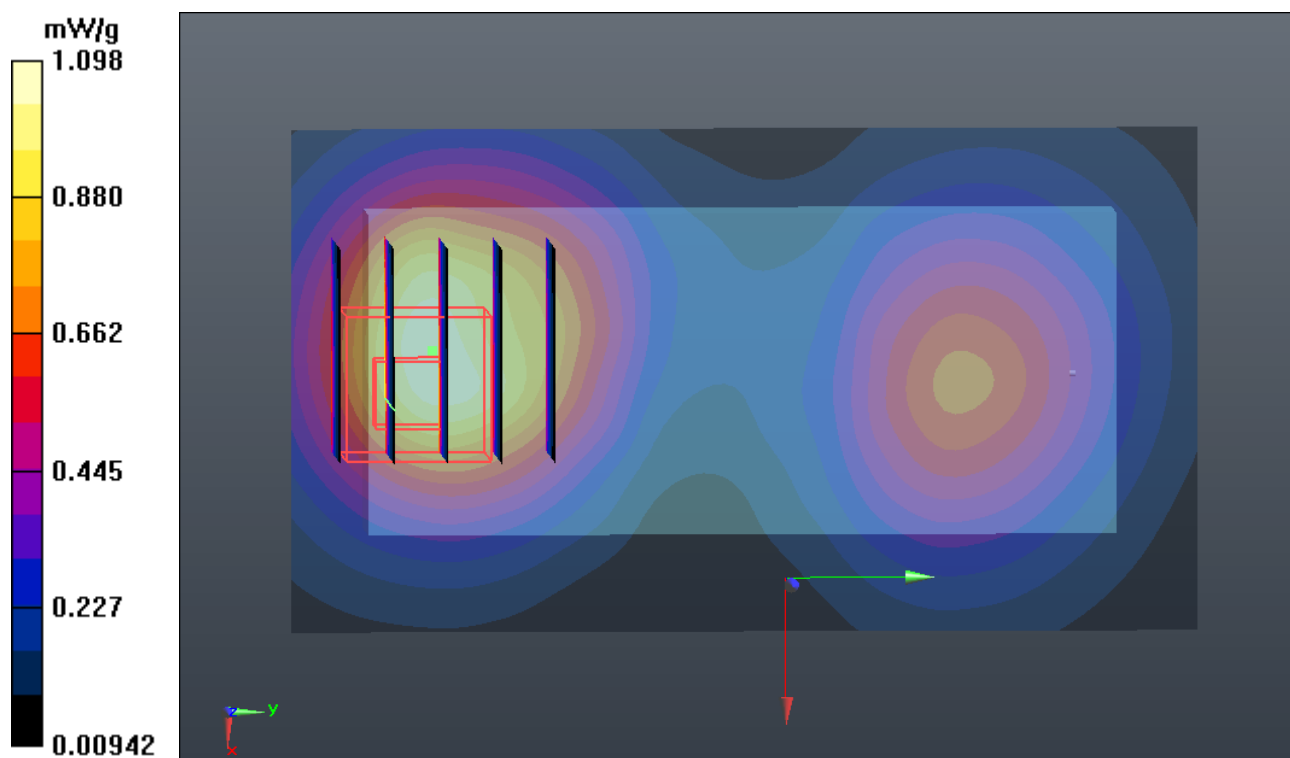
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.299 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.327 W/kg

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 0.930 mW/g



#24 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9262_2D

DUT: 1O1401

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111025 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r =$

54.6; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.098 mW/g

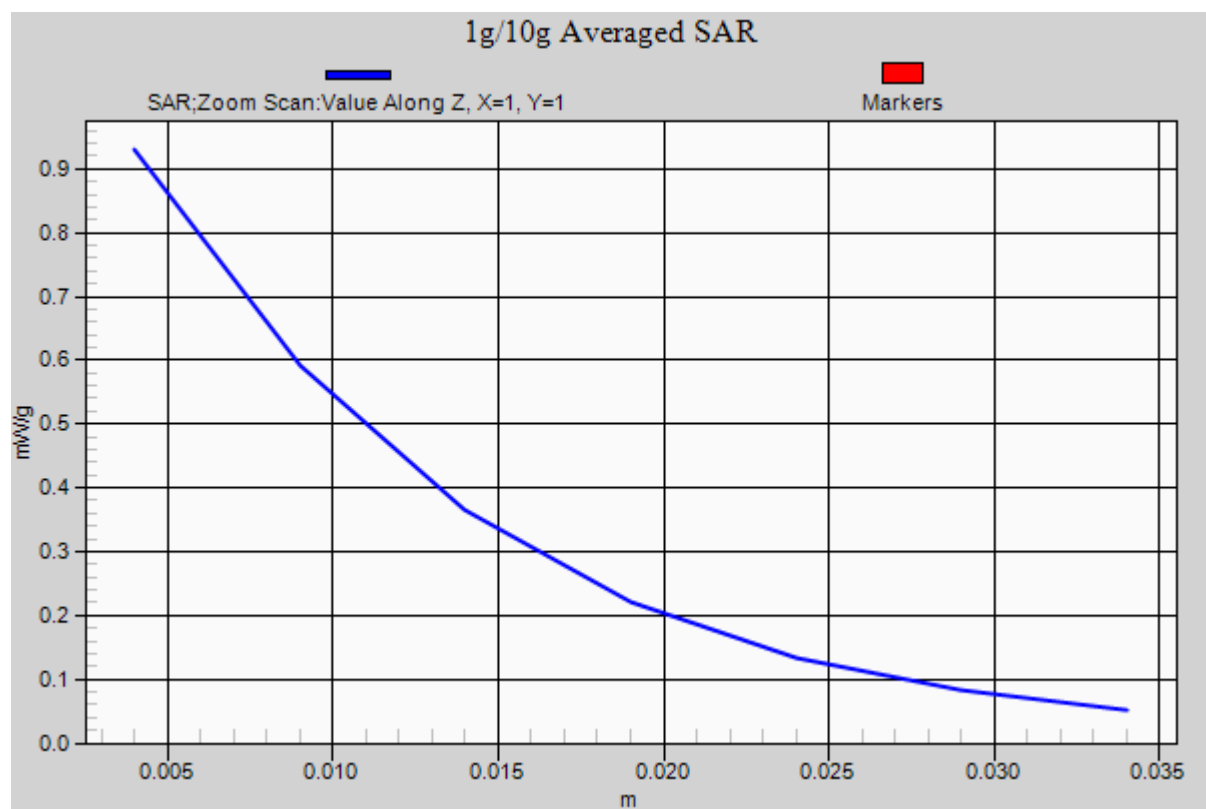
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.299 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.327 W/kg

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 0.930 mW/g



#25 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9400

DUT: 1O1401

Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111025 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.503$ mho/m; $\epsilon_r =$

54.538; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.861 mW/g

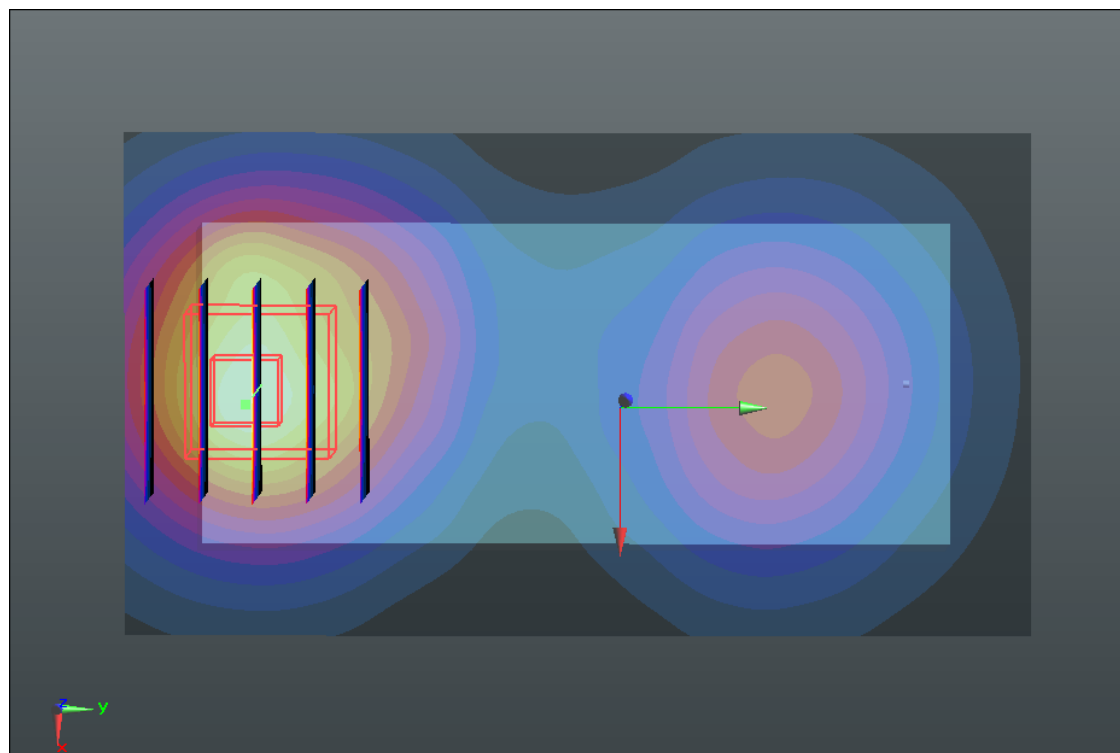
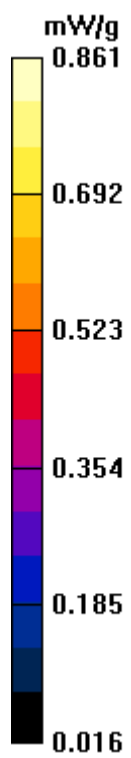
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.277 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.187 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.841 mW/g



#26 WCDMA II_RMC12.2K_Bottom_1.5cm_Ch9538

DUT: 1O1401

Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_111025 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.532$ mho/m; $\epsilon_r =$

54.489; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-5-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.783 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.839 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.115 W/kg

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.755 mW/g

