

#36 GSM850_Right Cheek_Ch128

DUT: 192004

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111012 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

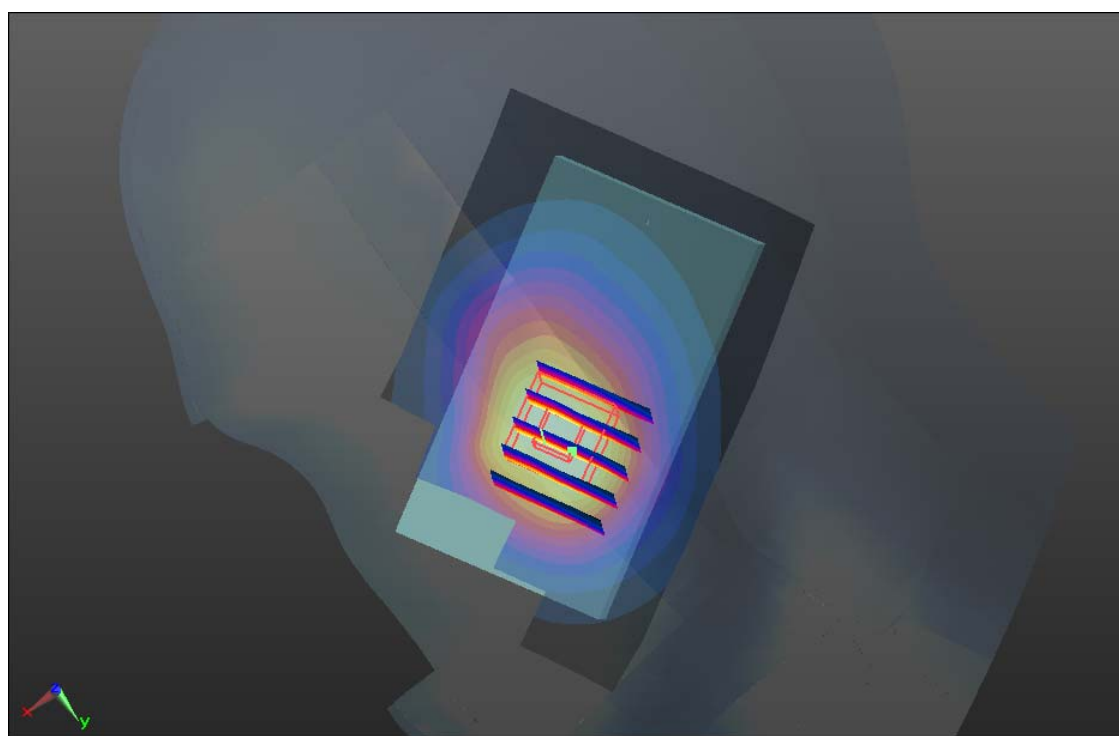
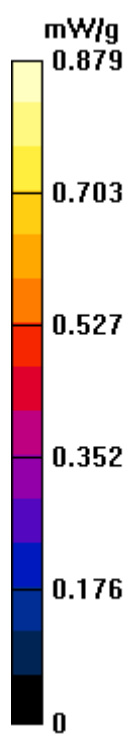
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.610 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.065 W/kg

SAR(1 g) = 0.814 mW/g; SAR(10 g) = 0.587 mW/g

Maximum value of SAR (measured) = 0.846 mW/g



#37 GSM850_Right Tilted_Ch128

DUT: 192004

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111012 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.392 mW/g

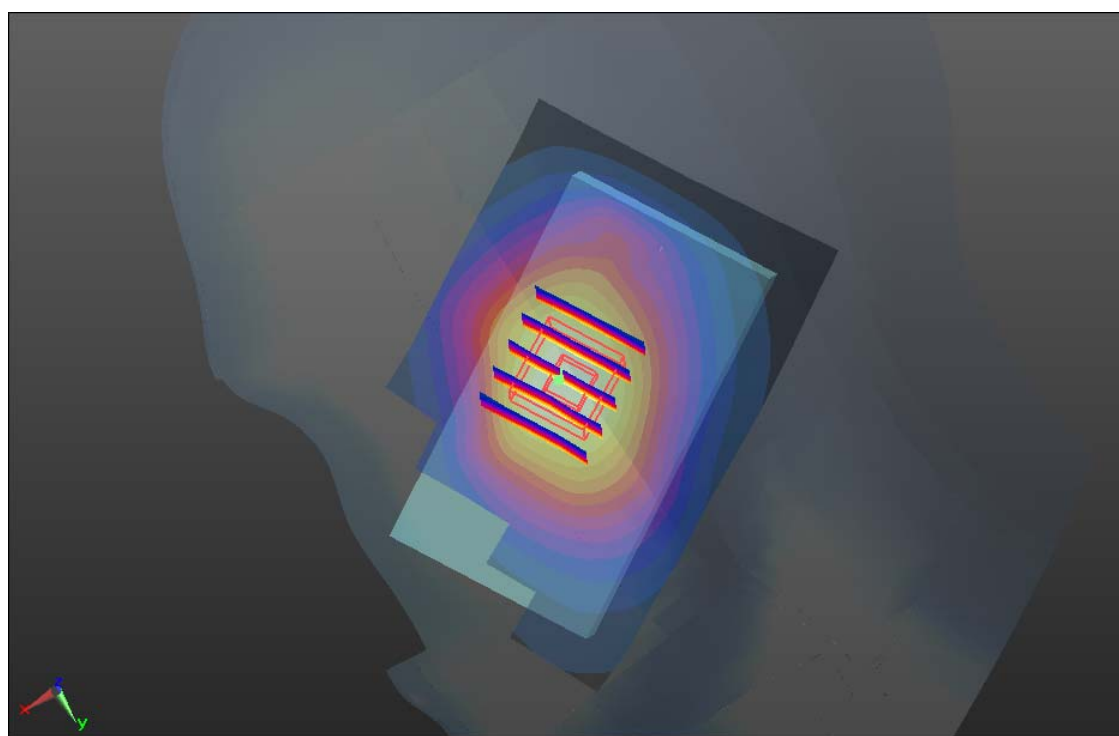
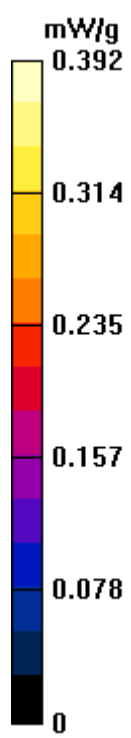
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.875 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



#38 GSM850_Left Cheek_Ch128

DUT: 192004

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111012 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

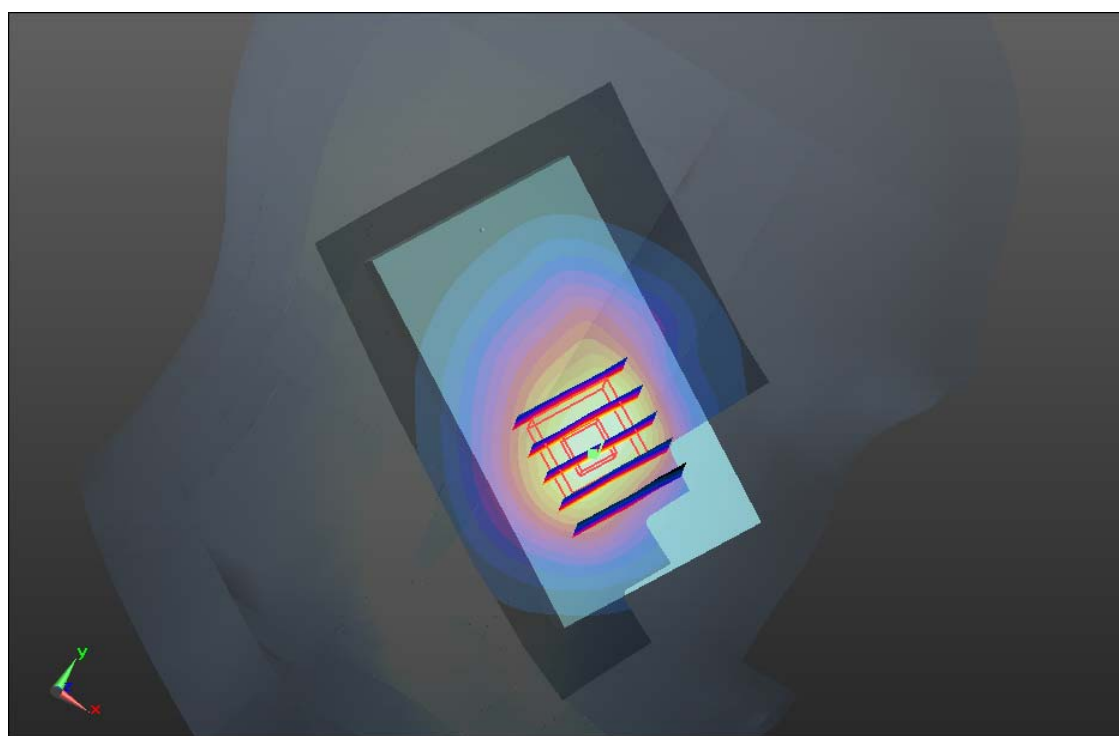
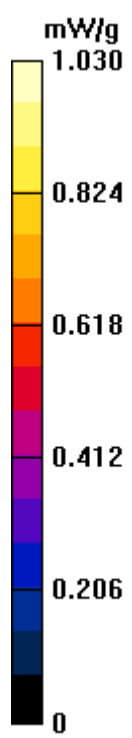
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.684 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.136 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.706 mW/g

Maximum value of SAR (measured) = 1.008 mW/g



#39 GSM850_Left Tilted_Ch128

DUT: 192004

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111012 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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)

Ch128/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.366 mW/g

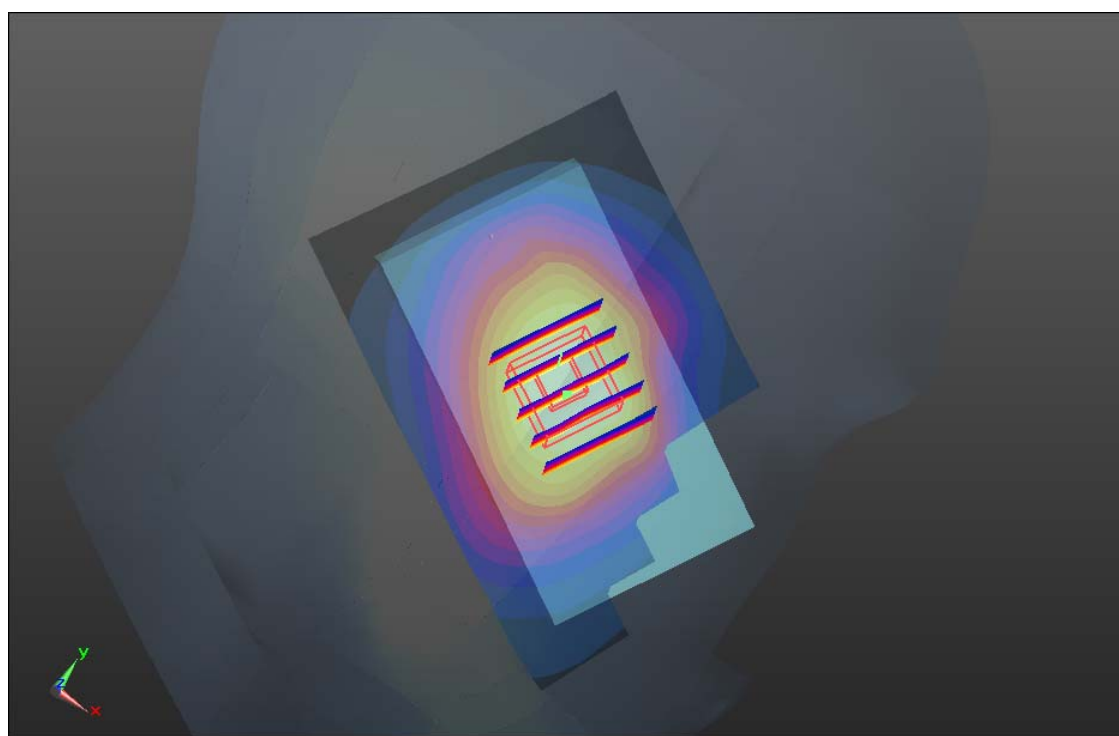
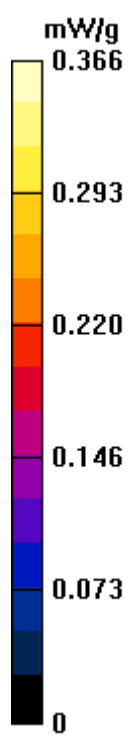
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.997 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.366 mW/g



#40 GSM850_Right Cheek_Ch189

DUT: 192004

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111012 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.795$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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)

Ch189/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

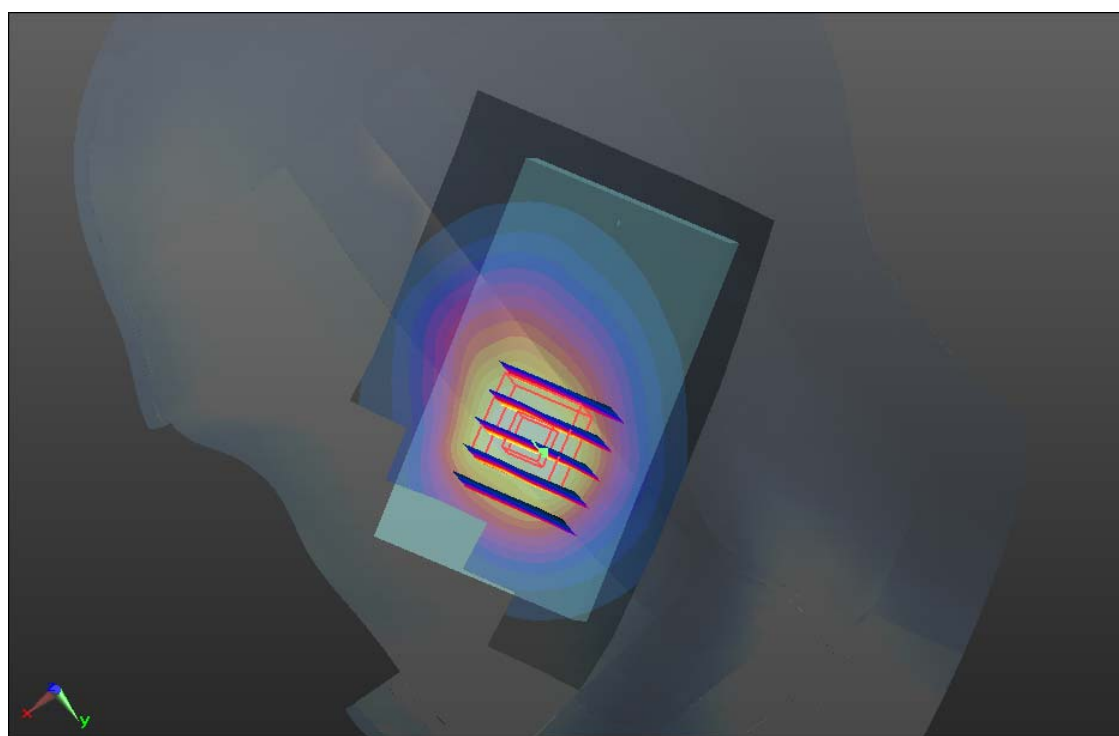
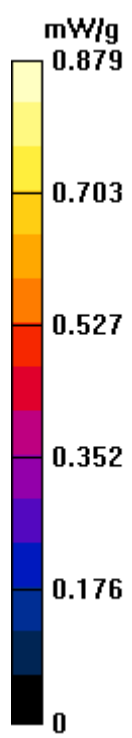
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.161 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.069 W/kg

SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.580 mW/g

Maximum value of SAR (measured) = 0.844 mW/g



#41 GSM850_Right Cheek_Ch251

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.949 mW/g

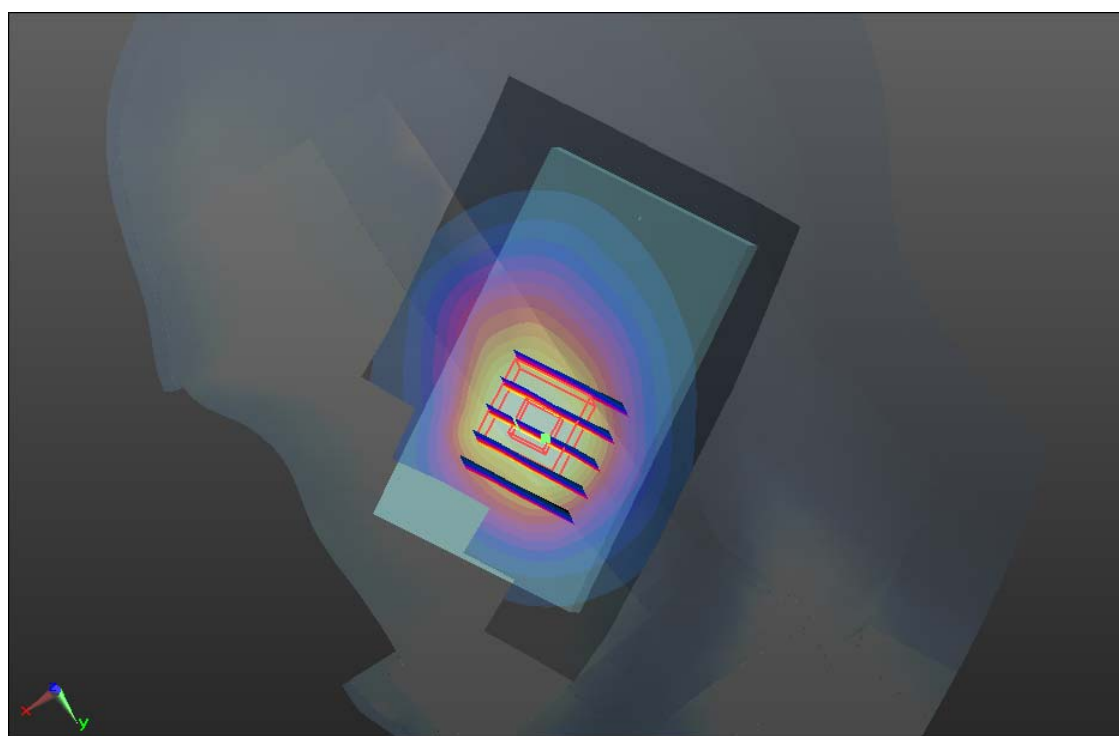
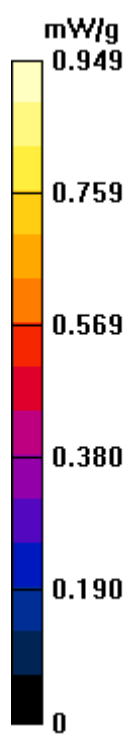
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.398 V/m ; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.155 W/kg

SAR(1 g) = 0.884 mW/g ; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 0.915 mW/g



#42 GSM850_Left Cheek_Ch189

DUT: 192004

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_111012 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.795$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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)

Ch189/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.105 mW/g

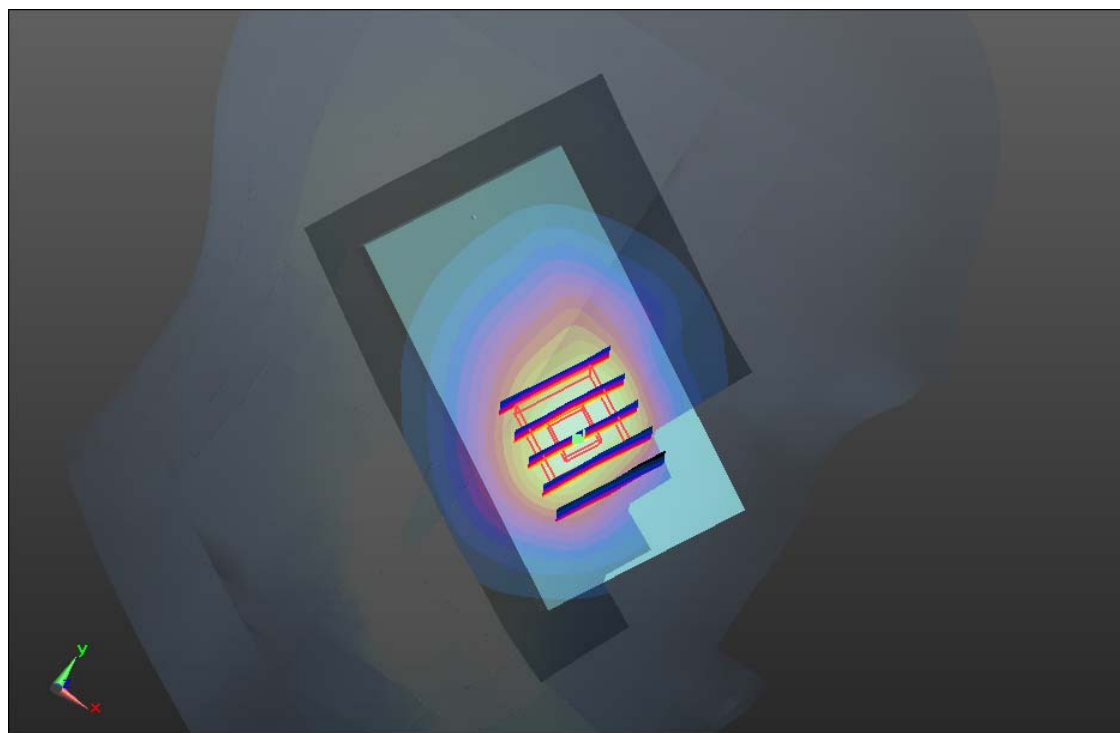
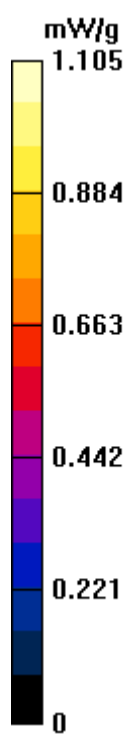
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.769 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.213 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.757 mW/g

Maximum value of SAR (measured) = 1.081 mW/g



#43 GSM850_Left Cheek_Ch251

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.180 mW/g

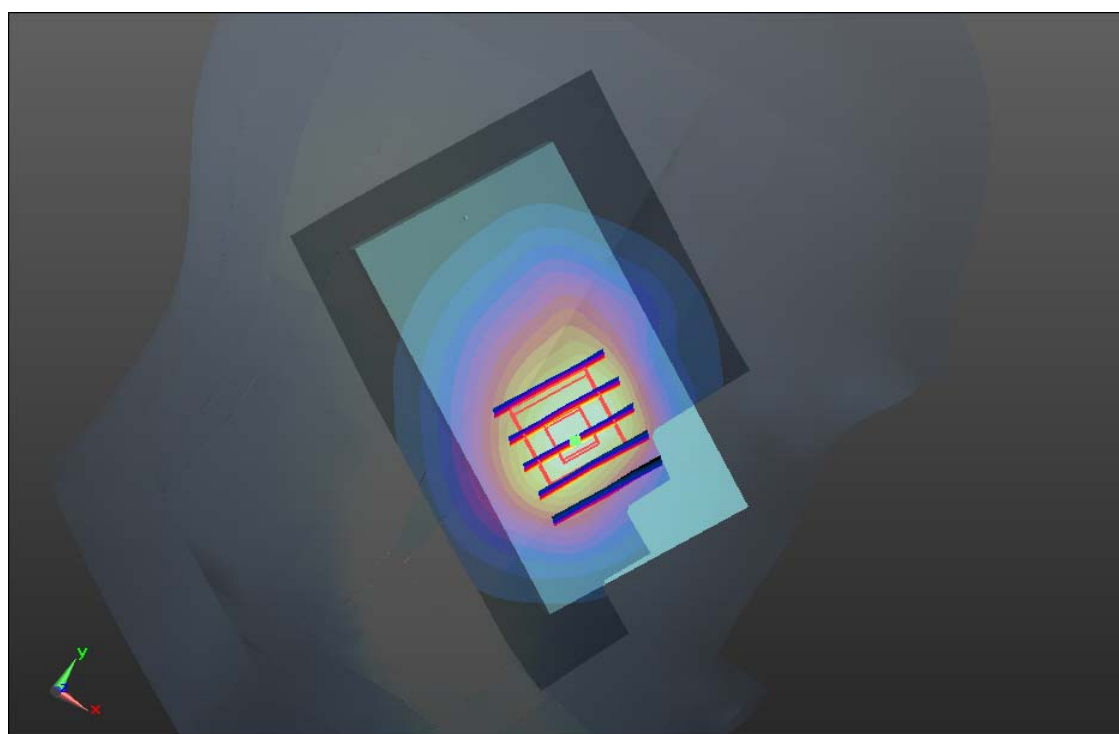
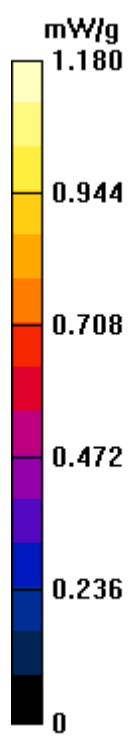
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.921 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.268 W/kg

SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.799 mW/g

Maximum value of SAR (measured) = 1.129 mW/g



#43 GSM850_Left Cheek_Ch251_2D

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.646$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.180 mW/g

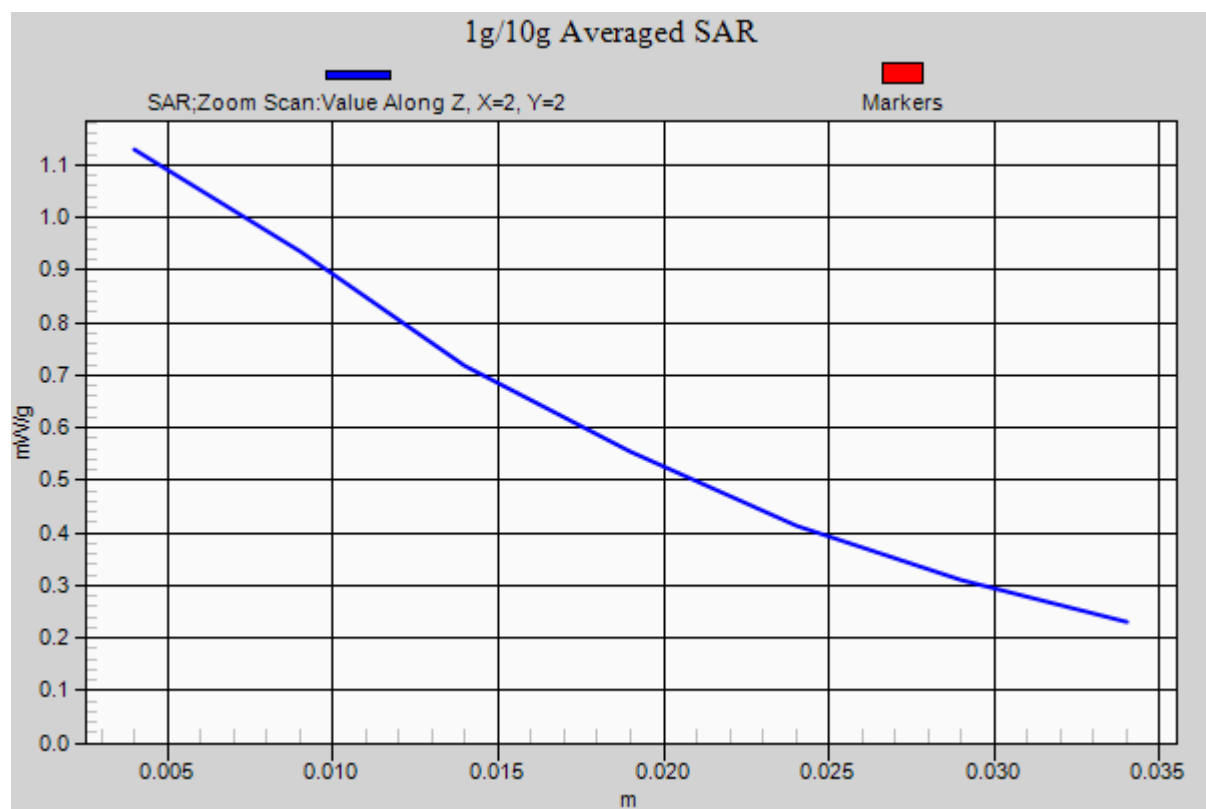
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.921 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.268 W/kg

SAR(1 g) = 1.08 mW/g ; SAR(10 g) = 0.799 mW/g

Maximum value of SAR (measured) = 1.129 mW/g



#44 GSM1900_Right Cheek_Ch512

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.365 \text{ mho/m}$; $\epsilon_r =$

41.266 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.667 mW/g

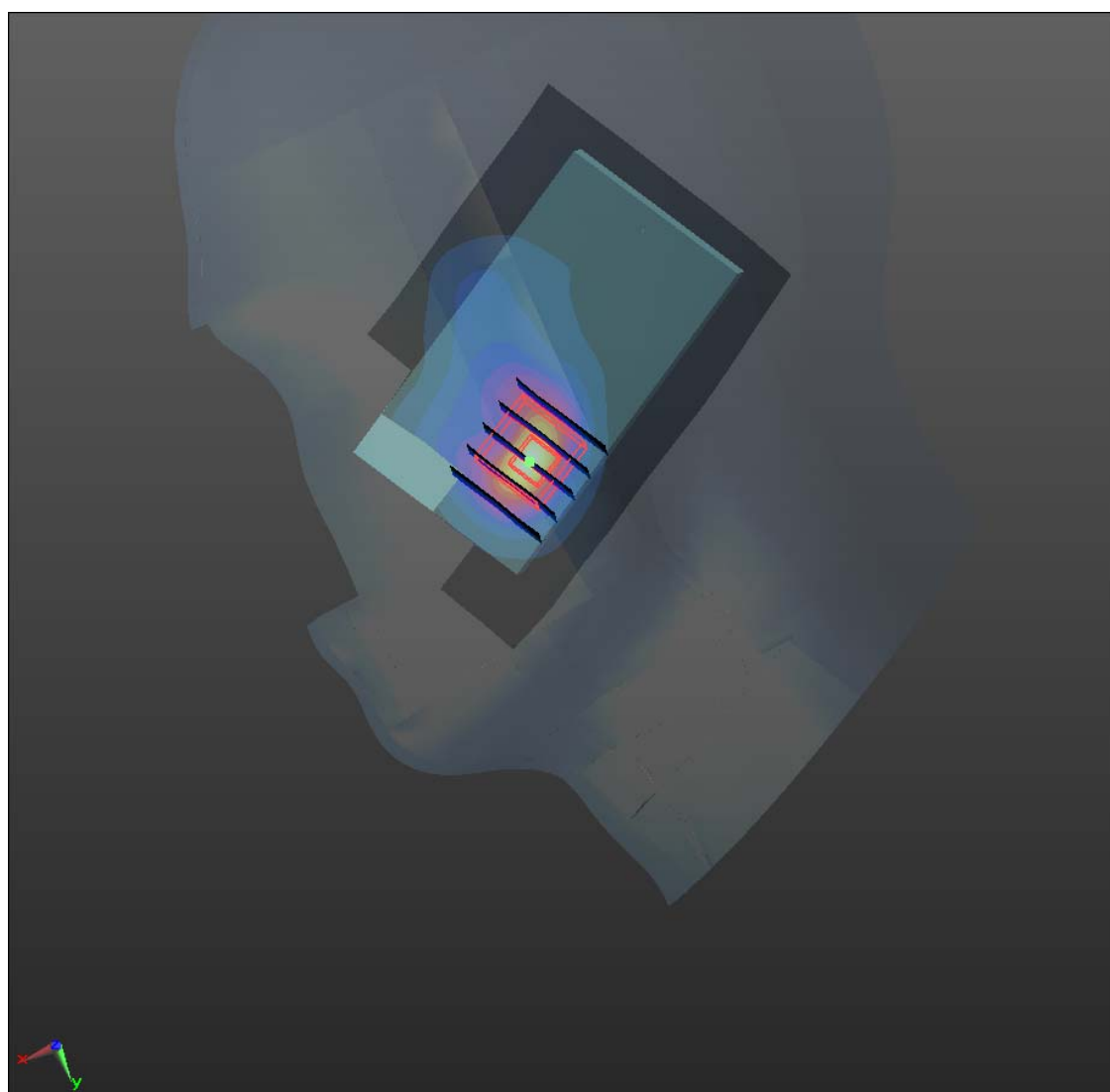
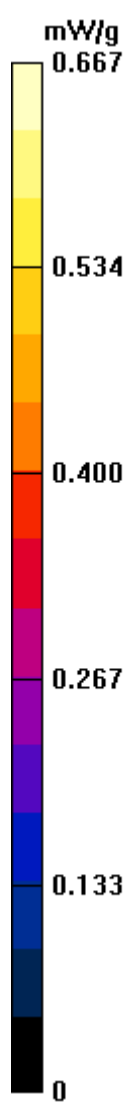
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.602 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.547 mW/g ; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.640 mW/g



#44 GSM1900_Right Cheek_Ch512_2D

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.365 \text{ mho/m}$; $\epsilon_r =$

41.266; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.667 mW/g

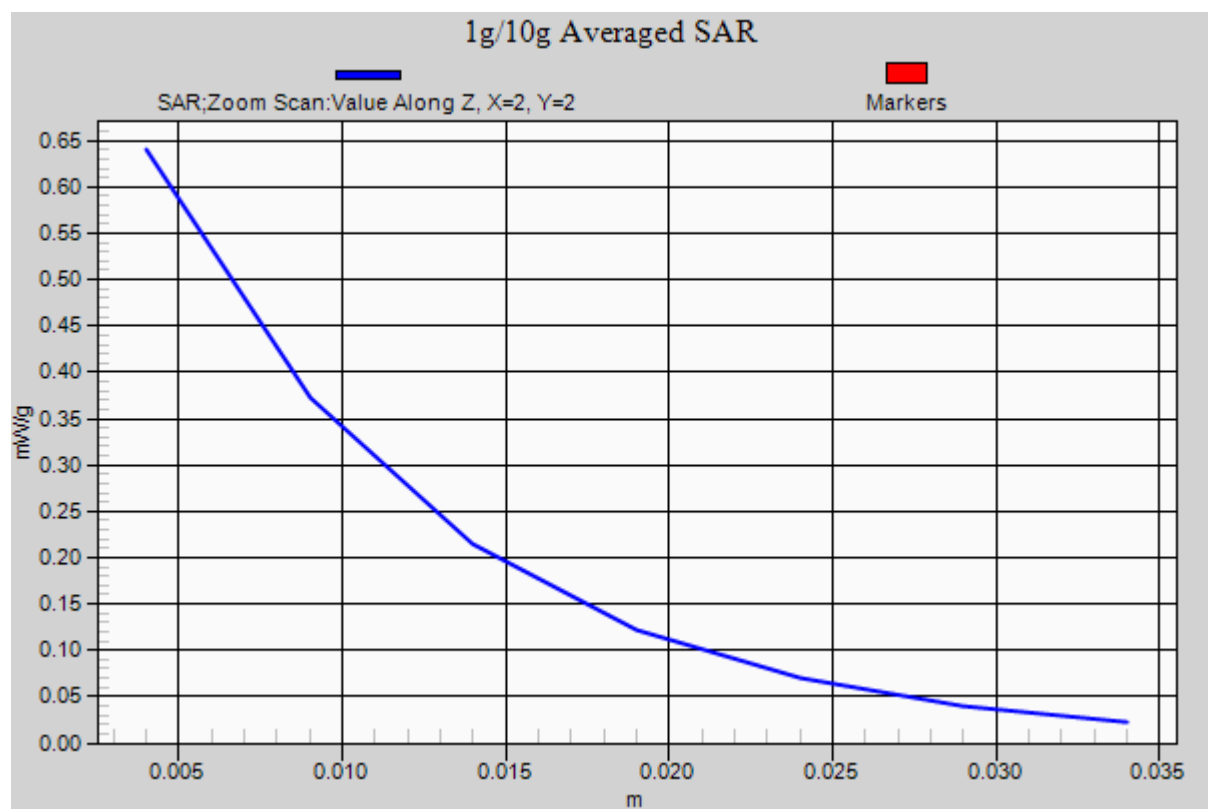
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.602 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.547 mW/g ; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.640 mW/g



#45 GSM1900_Right Tilted_Ch512

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.365 \text{ mho/m}$; $\epsilon_r =$

41.266 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.095 mW/g

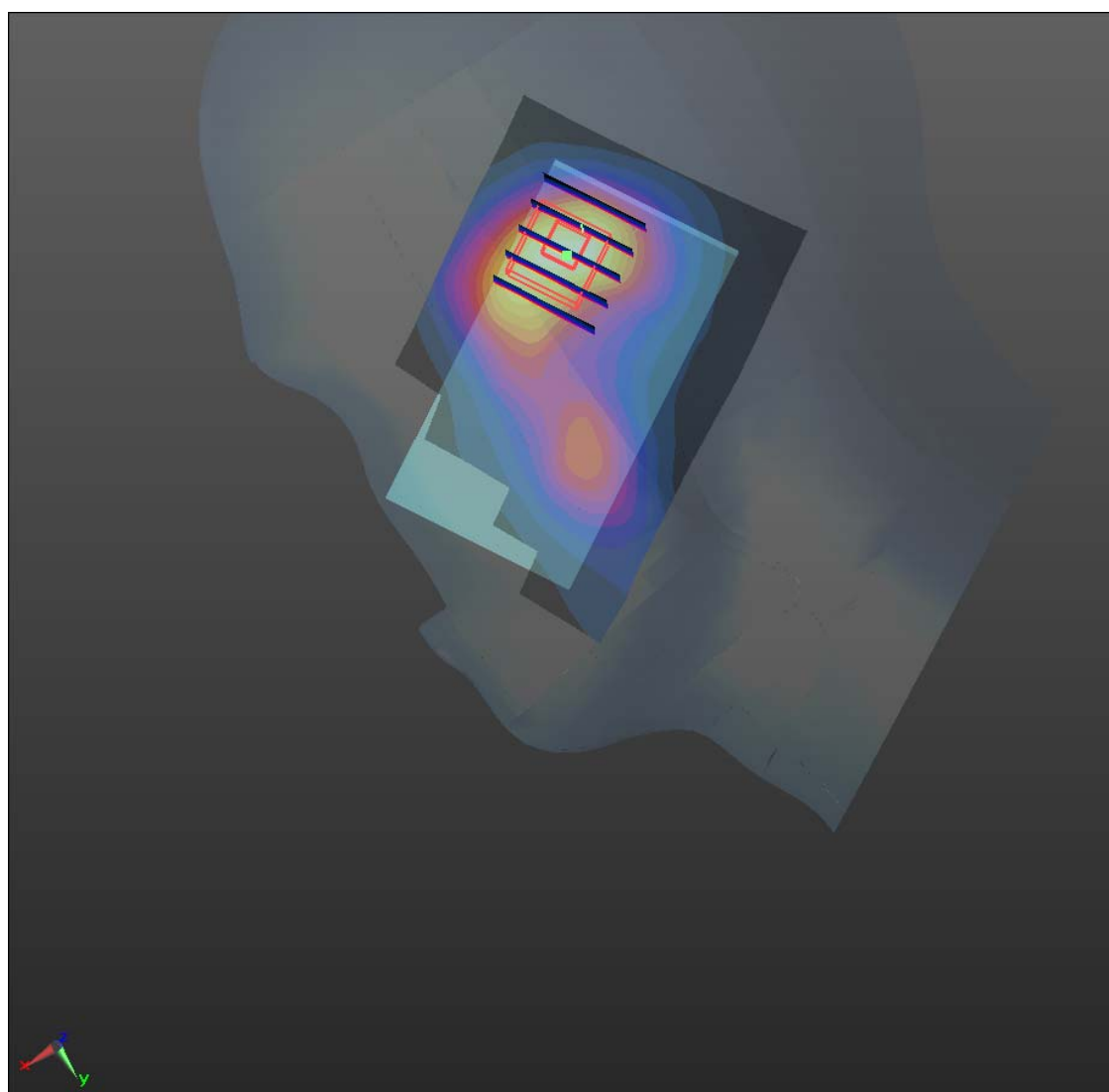
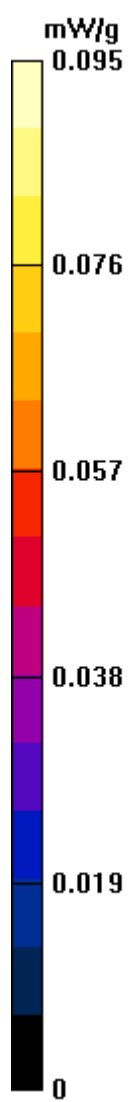
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.897 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.082 mW/g ; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.087 mW/g



#46 GSM1900_Left Cheek_Ch512

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r =$

41.266; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.375 mW/g

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

Reference Value = 4.723 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.354 mW/g

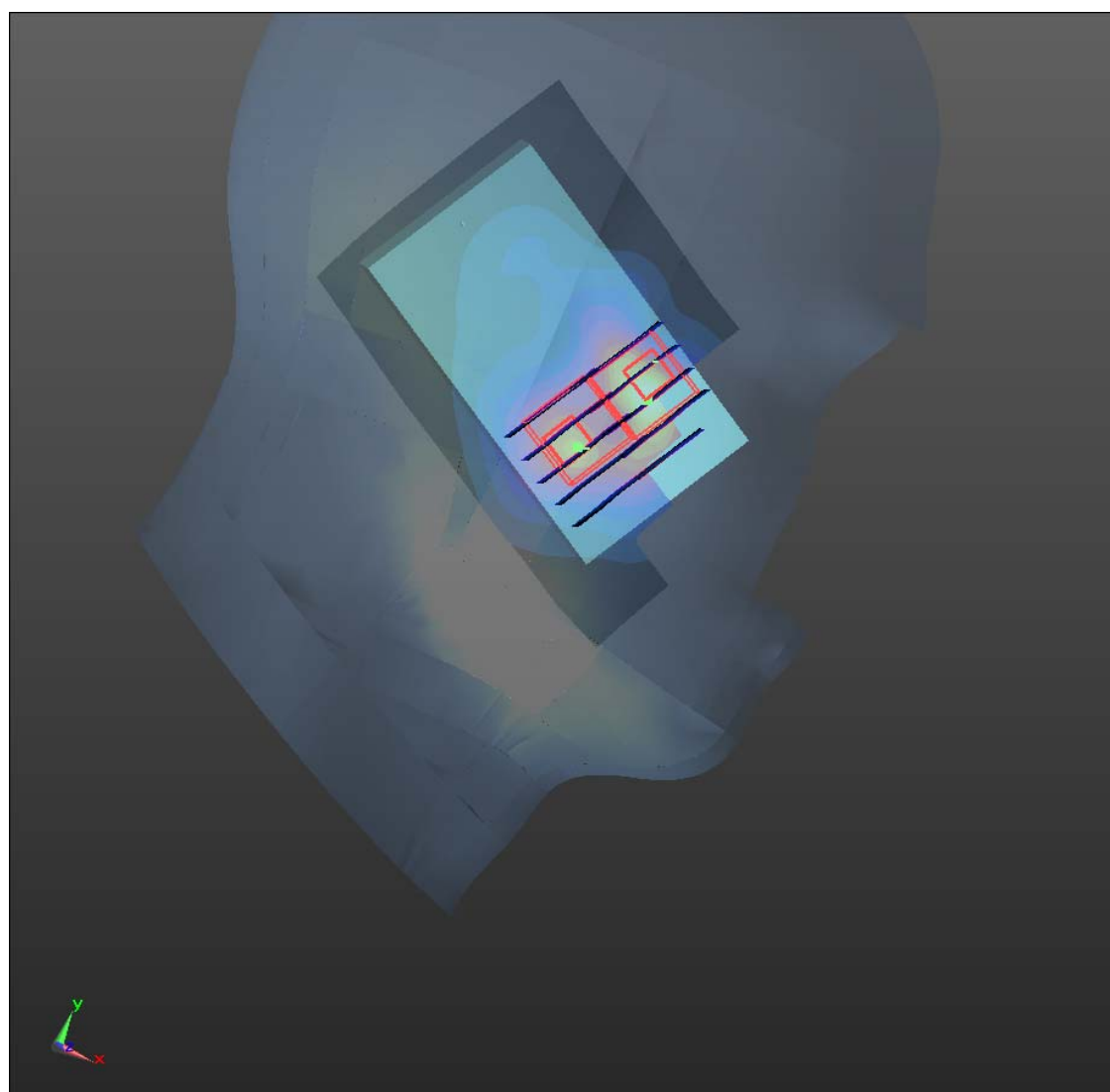
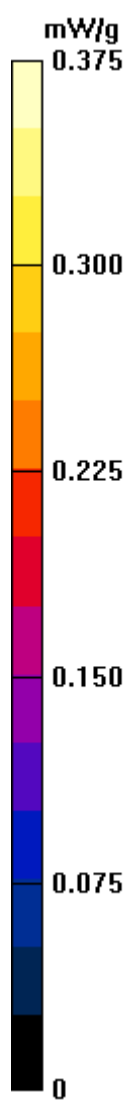
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.723 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



#47 GSM1900_Left Tilted_Ch512

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r =$

41.266; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

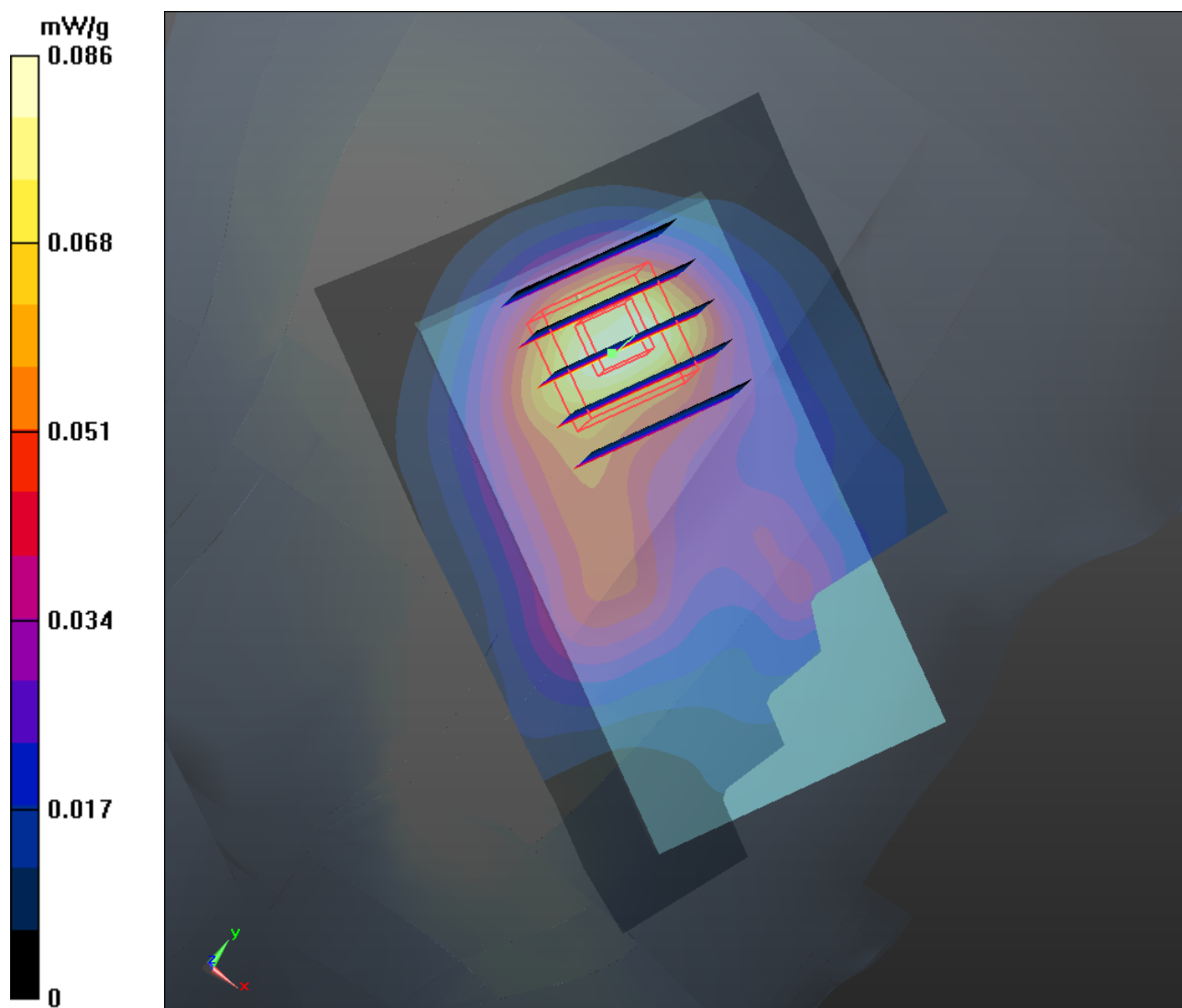
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.045 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.082 mW/g



#54 WCDMA V_RMC12.2K_Right Cheek_Ch4132

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.737 mW/g

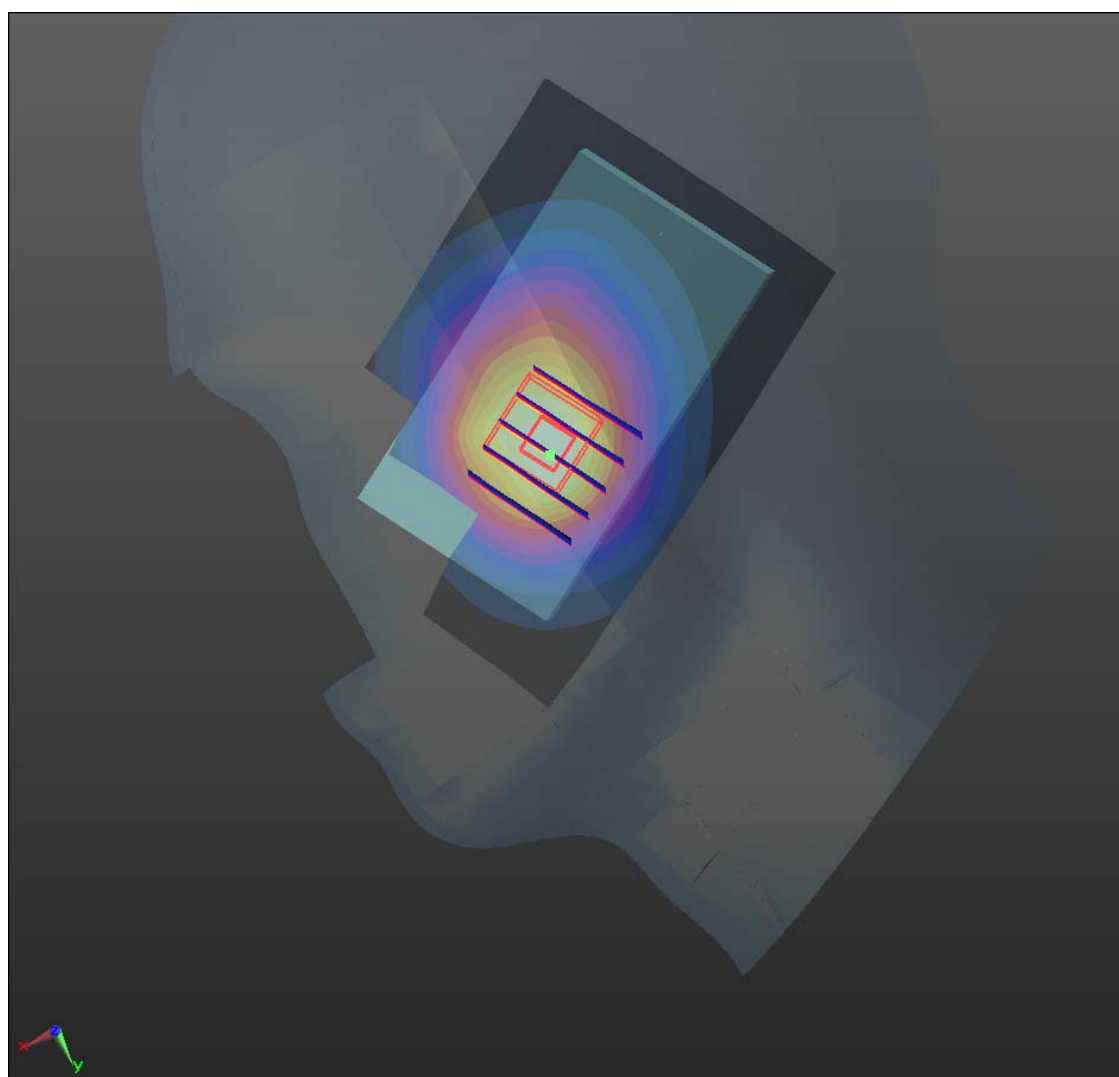
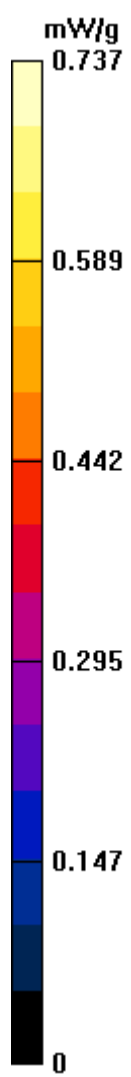
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.597 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 0.701 mW/g



#55 WCDMA V_RMC12.2K_Right Tilted_Ch4132

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.337 mW/g

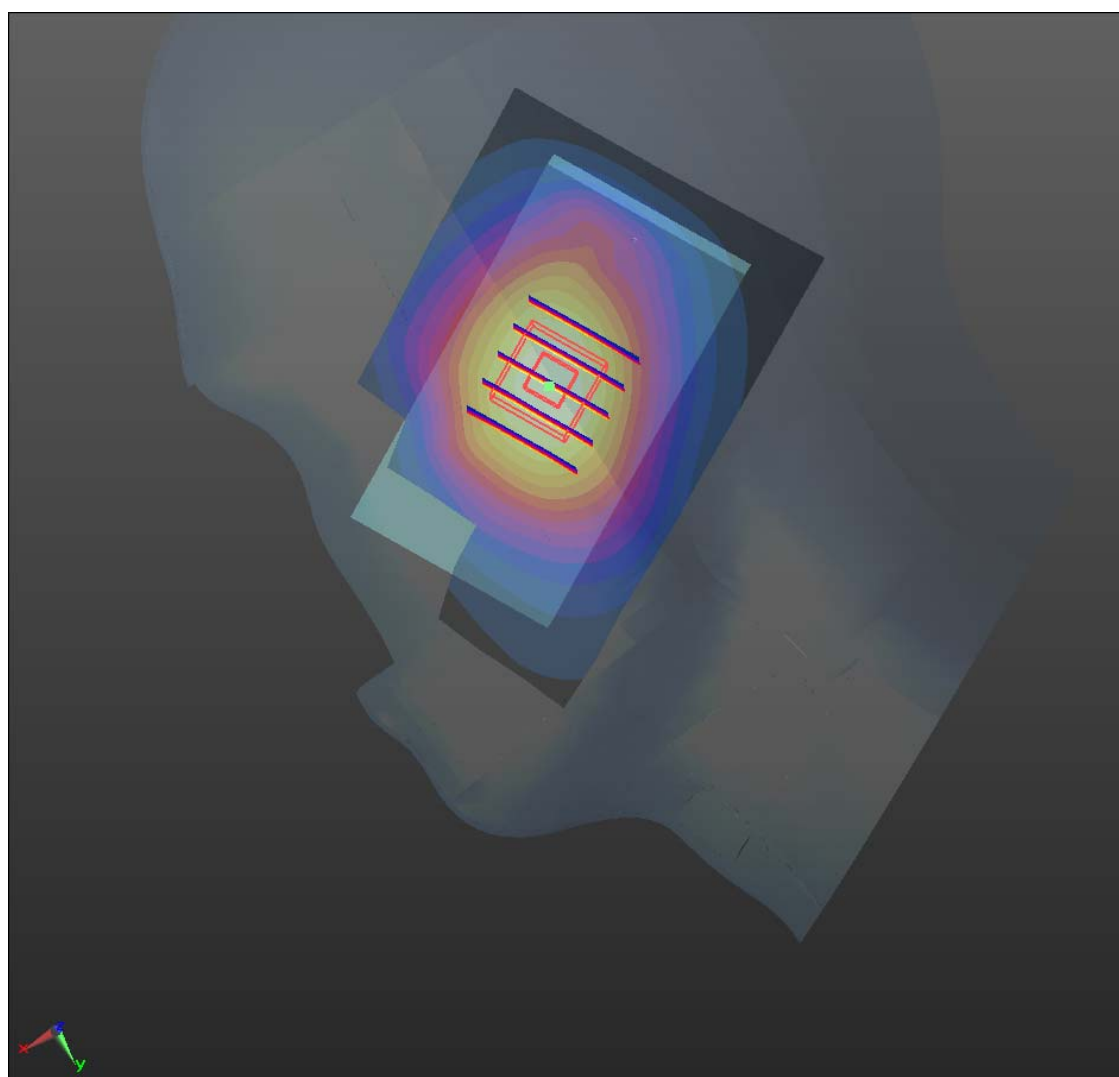
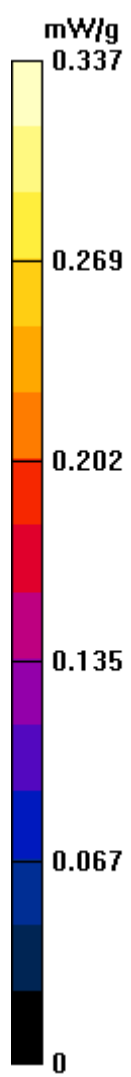
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.192 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.337 mW/g



#56 WCDMA V_RMC12.2K_Left Cheek_Ch4132

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.899 mW/g

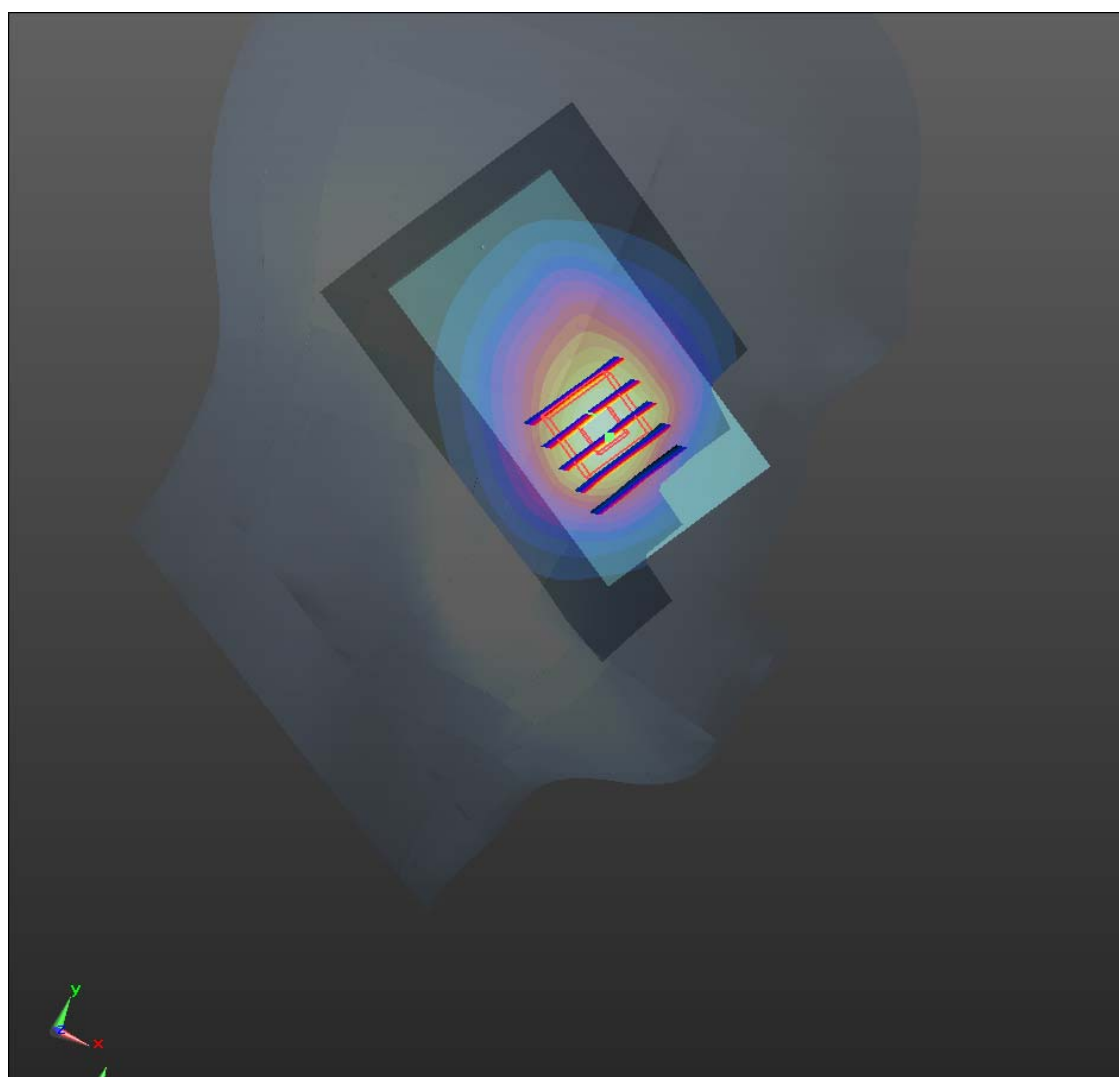
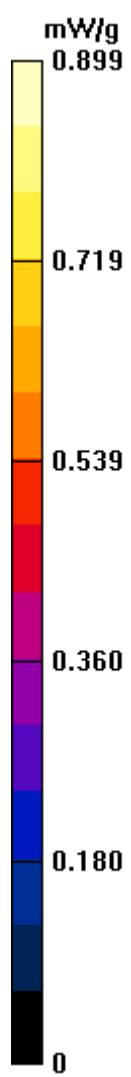
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.572 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.959 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 0.850 mW/g



#57 WCDMA V_RMC12.2K_Left Tilted_Ch4132

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.331 mW/g

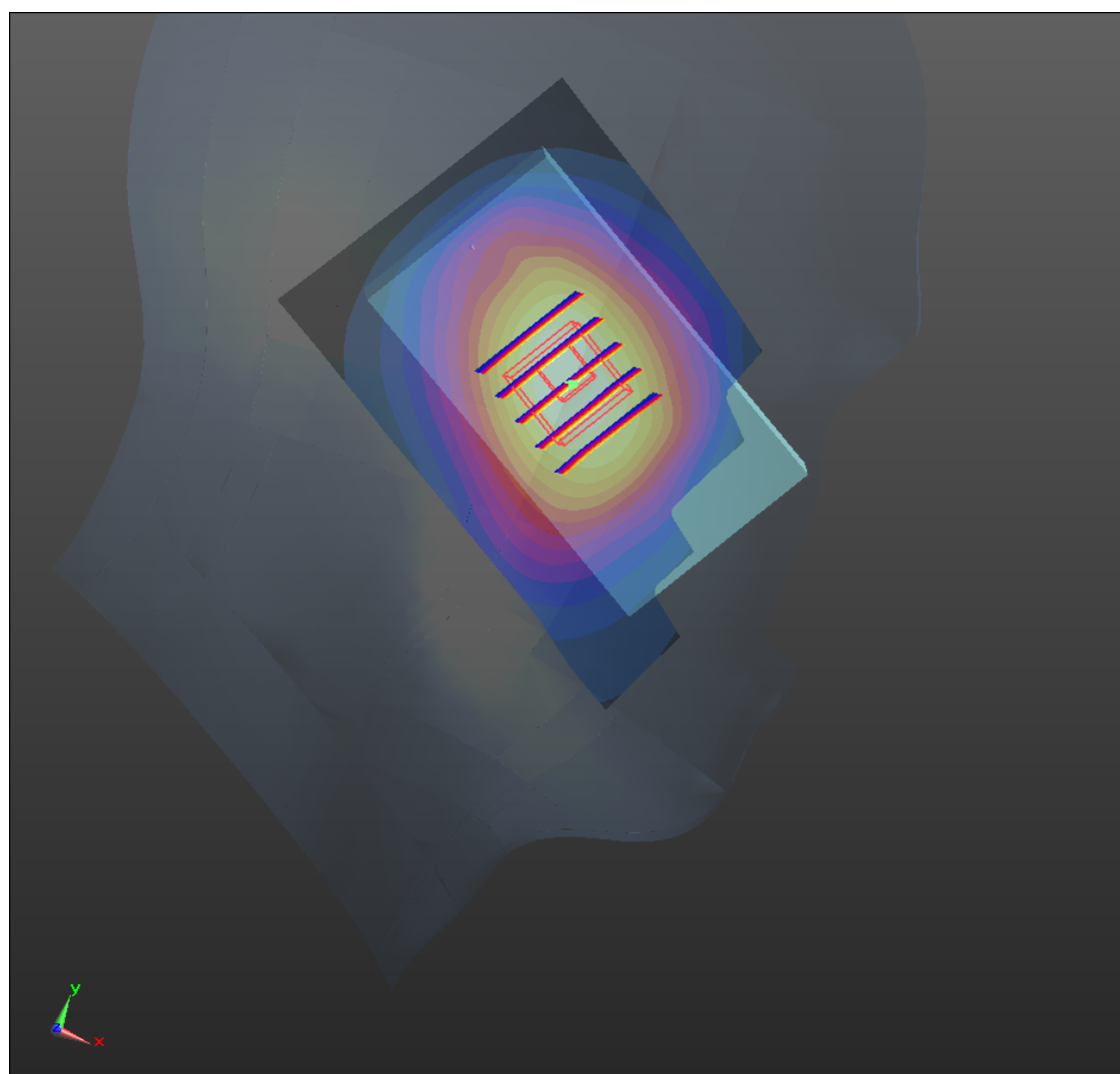
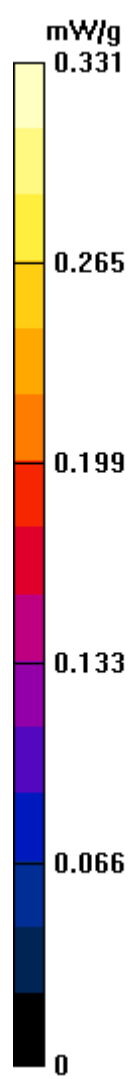
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.462 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



#58 WCDMA V_RMC12.2K_Left Cheek_Ch4182

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.795$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.162 mW/g

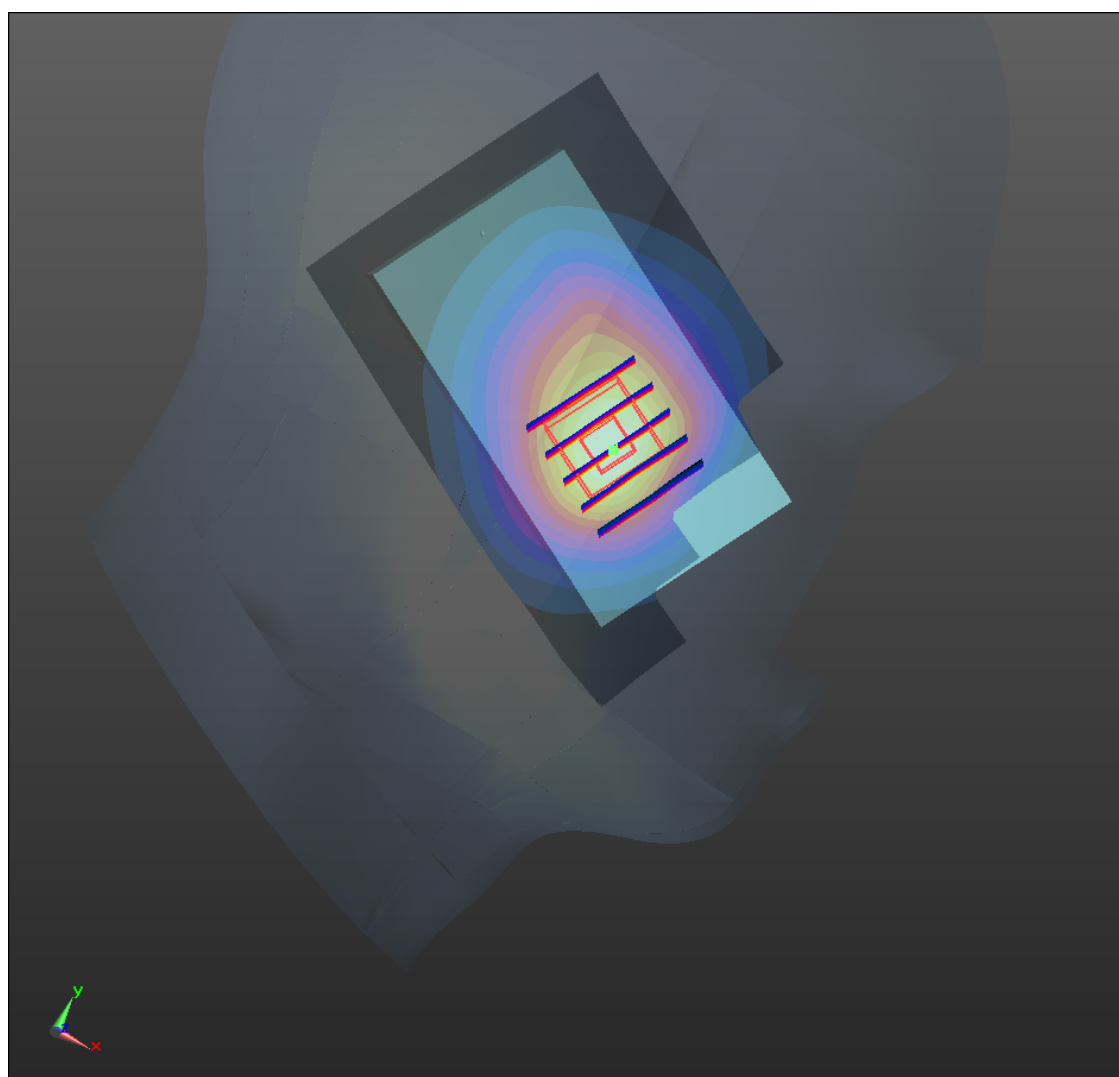
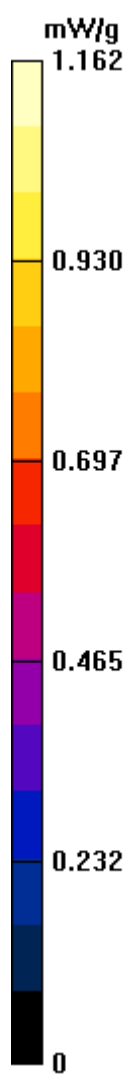
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.493 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.230 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.776 mW/g

Maximum value of SAR (measured) = 1.097 mW/g



#59 WCDMA V_RMC12.2K_Left Cheek_Ch4233

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 847$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.183 mW/g

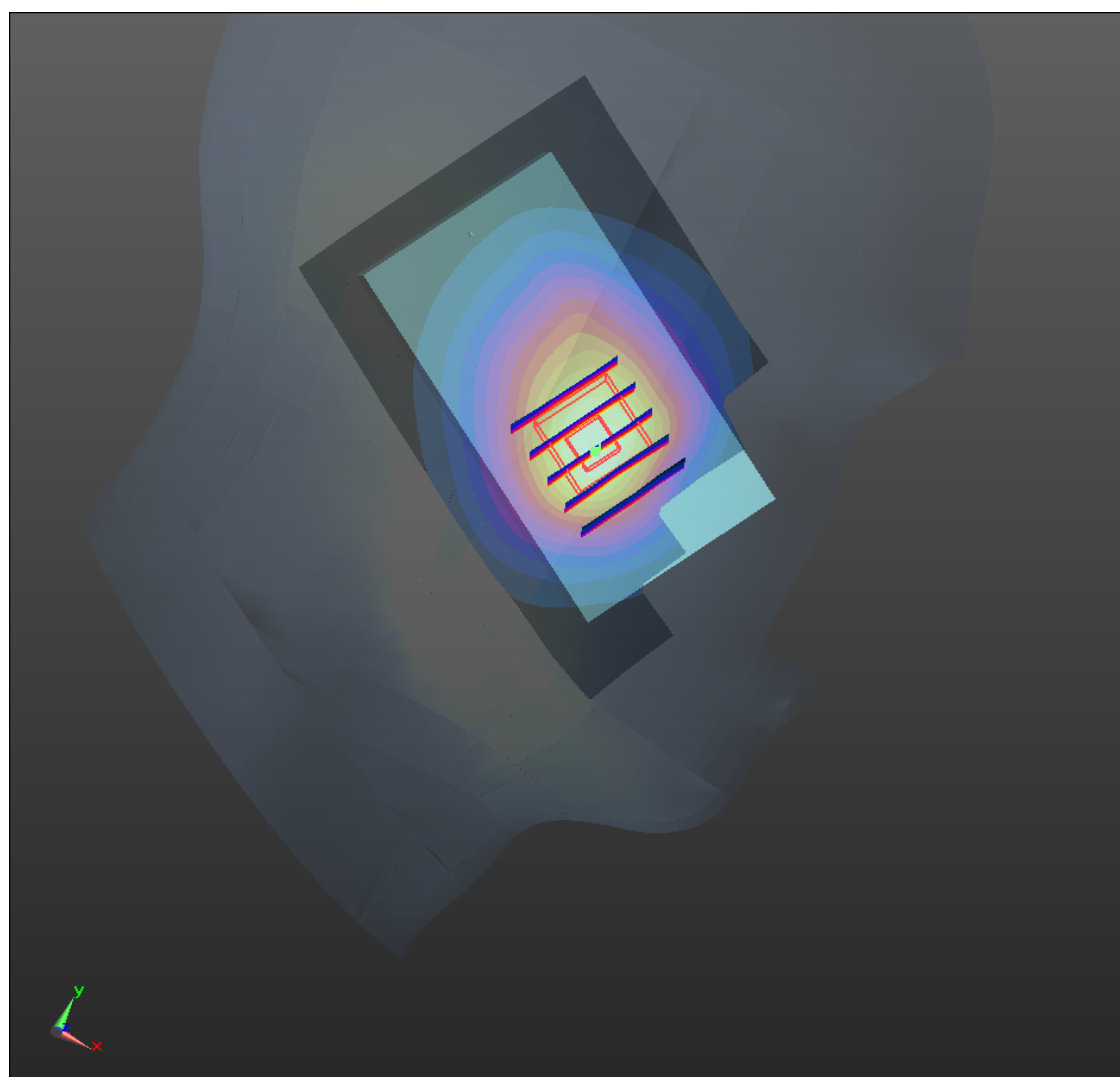
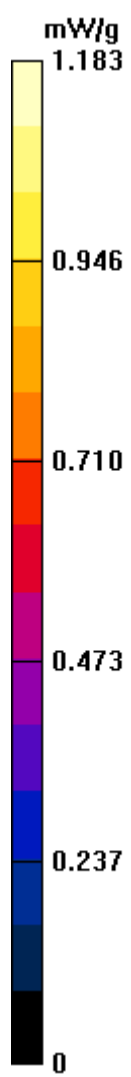
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.491 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.253 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.787 mW/g

Maximum value of SAR (measured) = 1.123 mW/g



#59 WCDMA V_RMC12.2K_Left Cheek_Ch4233_2D

DUT: 192004

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

Medium: HSL_835_111012 Medium parameters used: $f = 847$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); 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 (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.183 mW/g

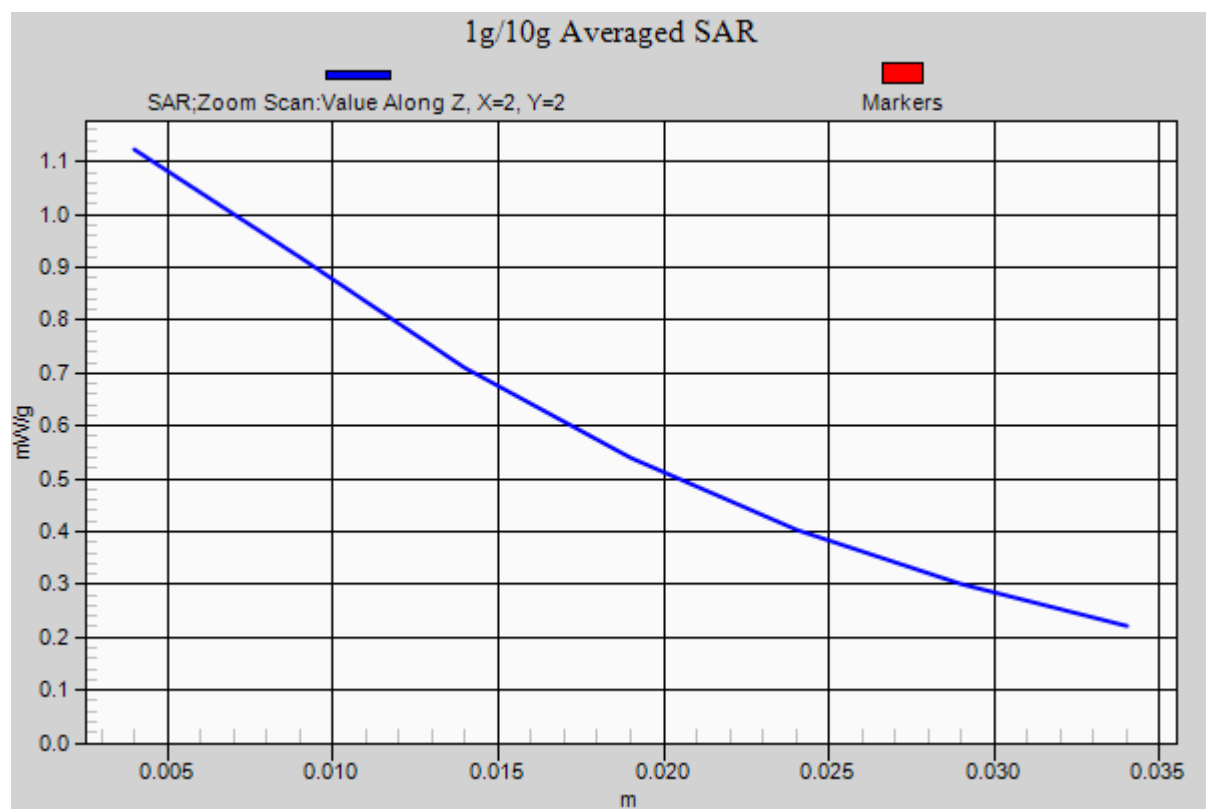
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.491 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.253 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.787 mW/g

Maximum value of SAR (measured) = 1.123 mW/g



#48 WCDMA II_RMC12.2K_Right Cheek_Ch9262

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$

41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.187 mW/g

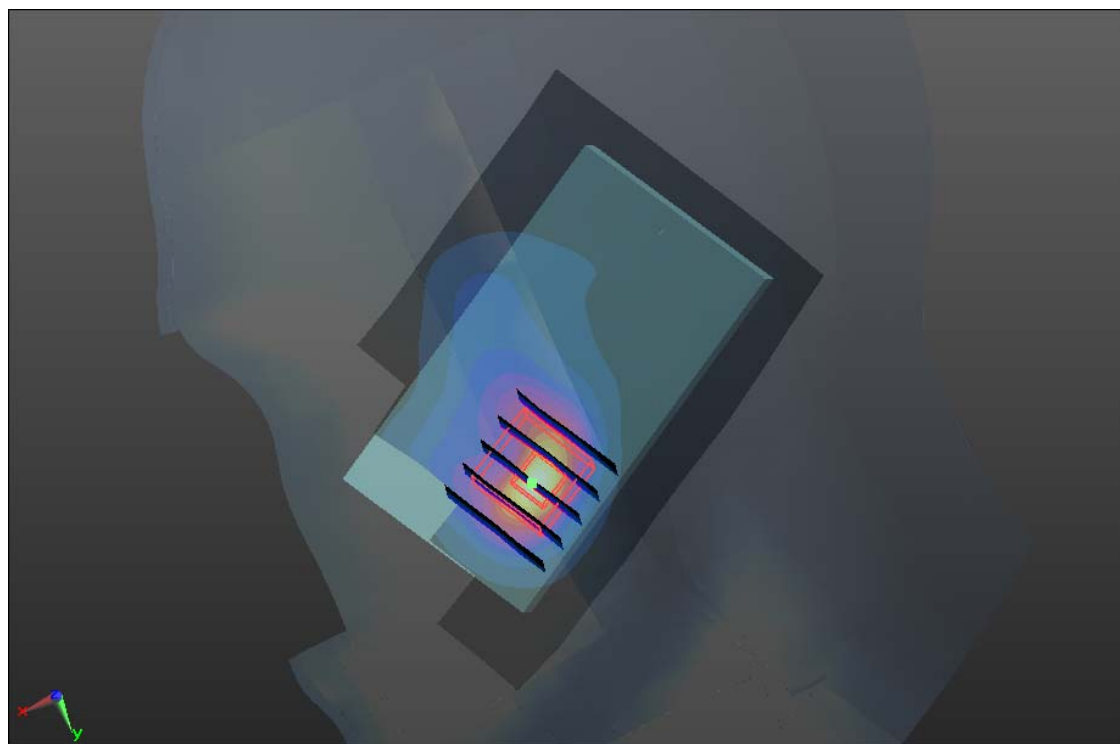
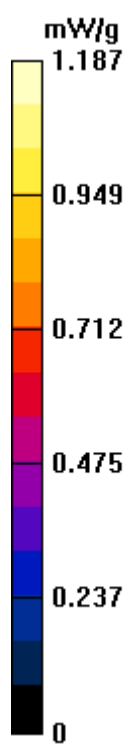
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.486 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.757 W/kg

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 1.122 mW/g



#49 WCDMA II_RMC12.2K_Right Tilted_Ch9262

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$

41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.175 mW/g

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

Reference Value = 10.057 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.162 mW/g

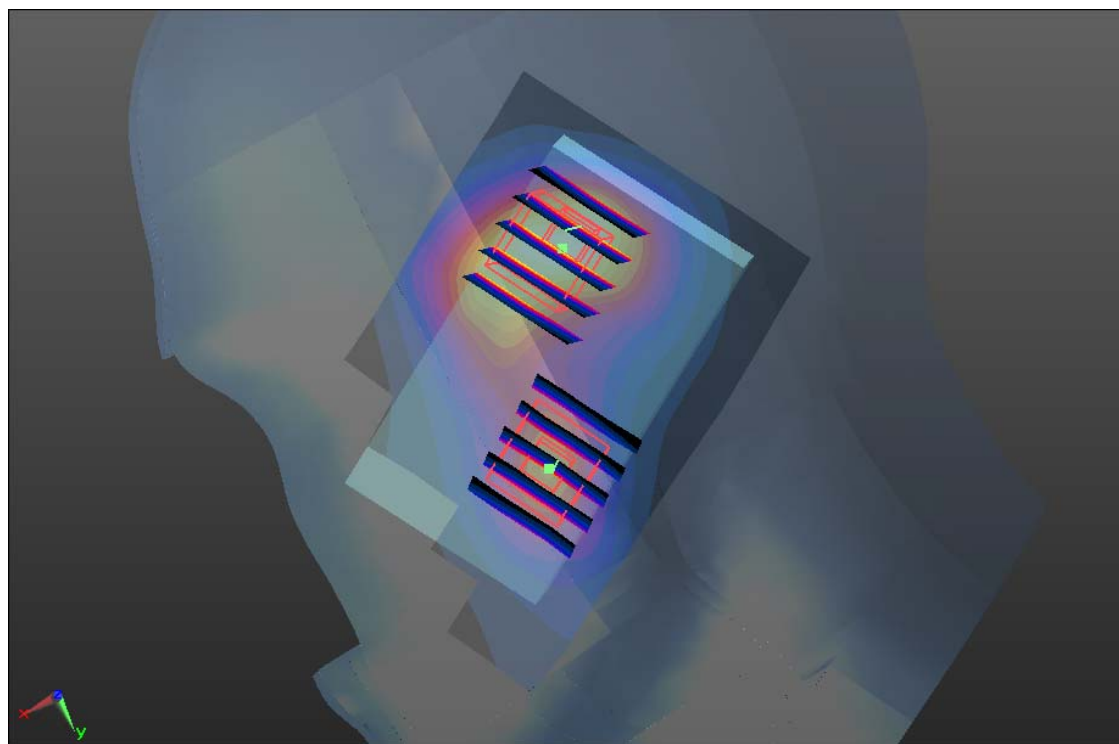
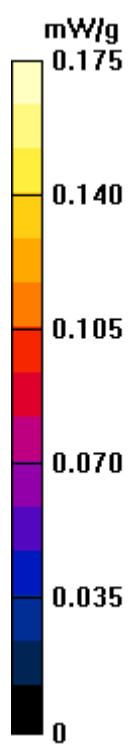
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.057 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.120 mW/g



#50 WCDMA II_RMC12.2K_Left Cheek_Ch9262

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$

41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.653 mW/g

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

Reference Value = 6.714 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.929 W/kg

SAR(1 g) = 0.566 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.625 mW/g

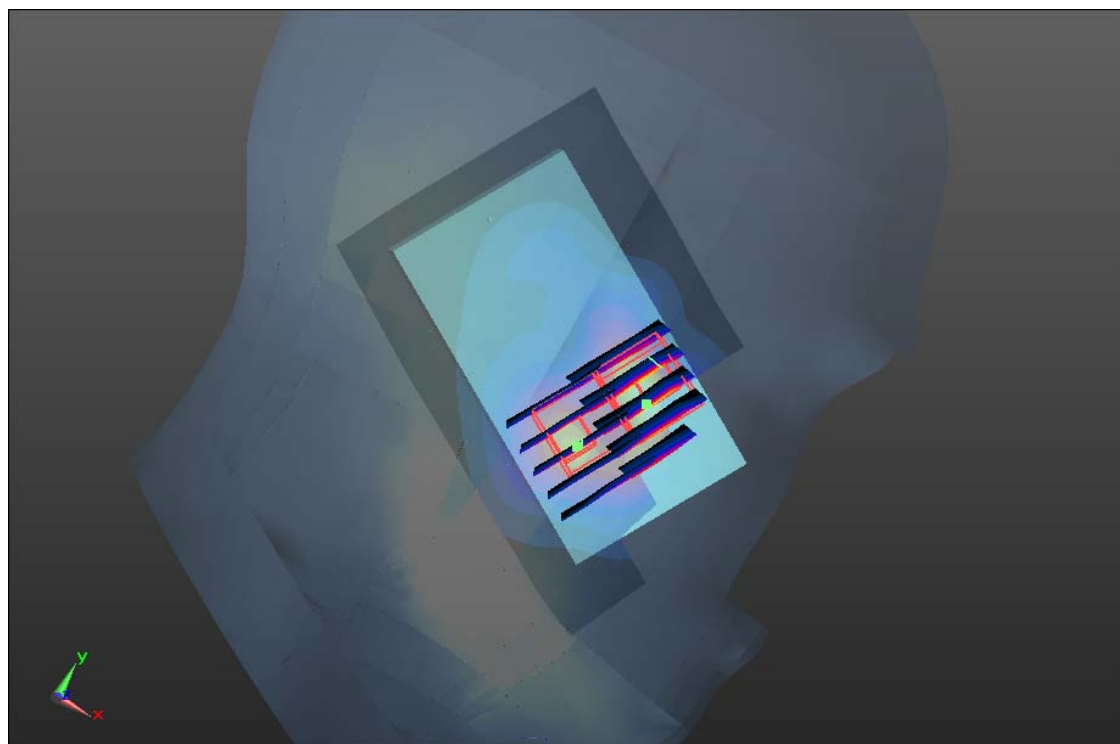
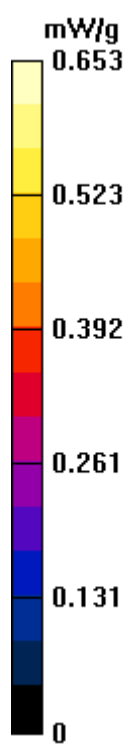
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.714 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.659 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.446 mW/g



#51 WCDMA II_RMC12.2K_Left Tilted_Ch9262

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.368 \text{ mho/m}$; $\epsilon_r =$

41.253 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5°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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.160 mW/g

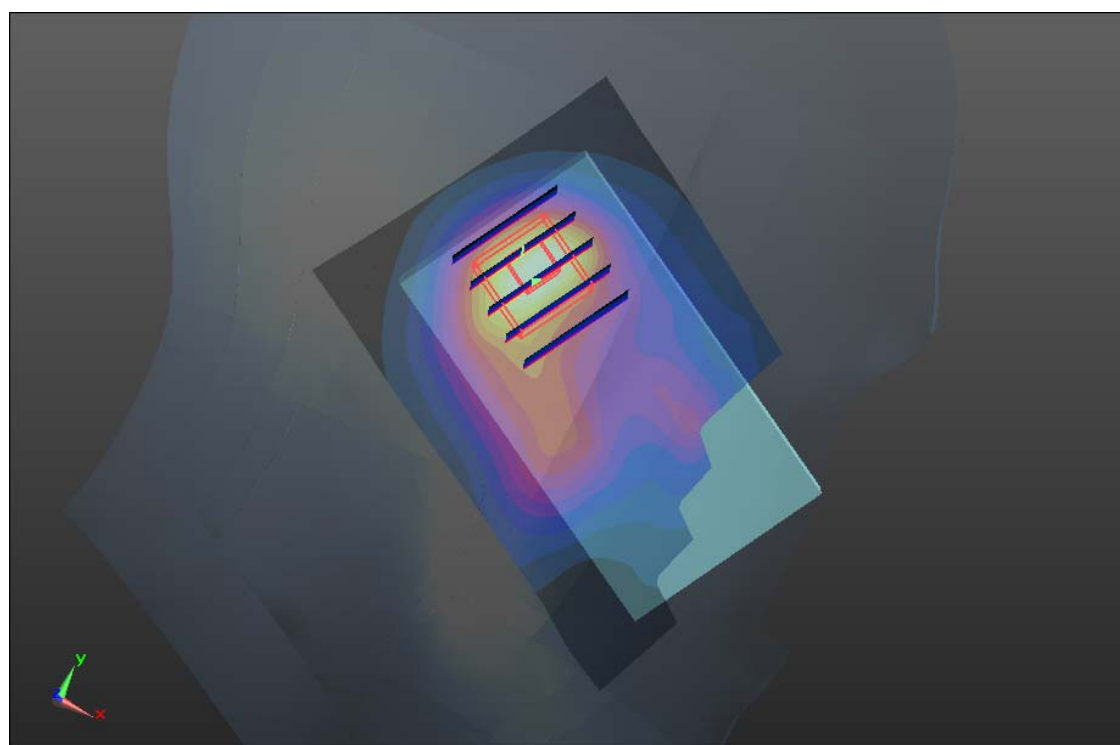
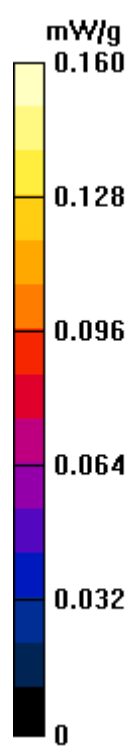
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.629 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.142 mW/g ; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.152 mW/g



#52 WCDMA II_RMC12.2K_Right Cheek_Ch9400

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.392 mW/g

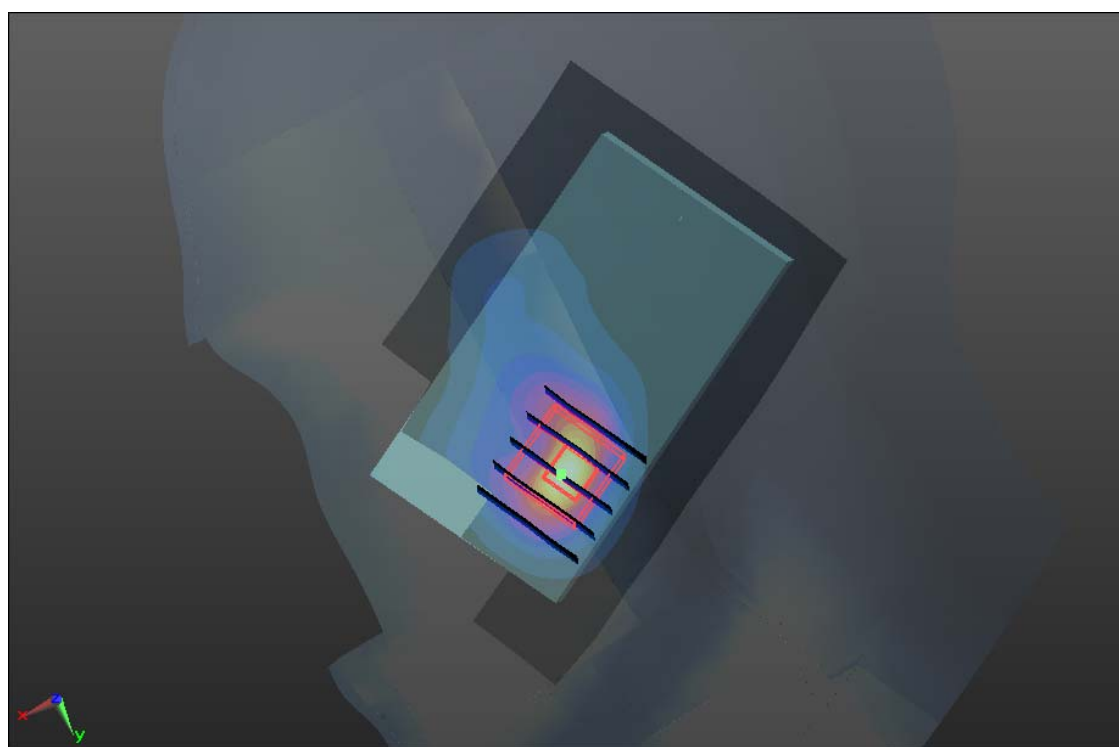
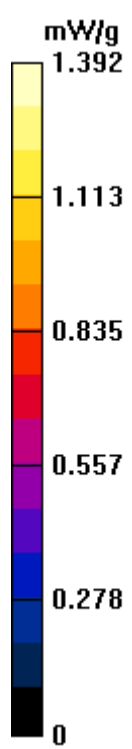
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.774 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.071 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 1.289 mW/g



#53 WCDMA II_RMC12.2K_Right Cheek_Ch9538

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 41.19$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.431 mW/g

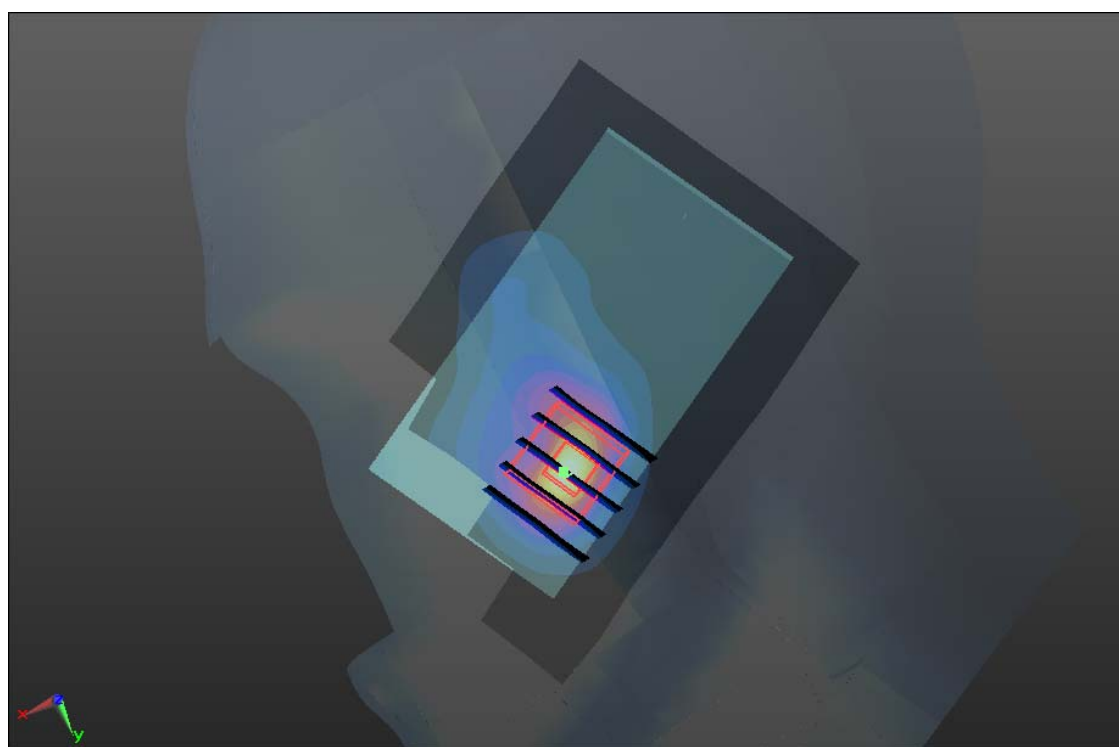
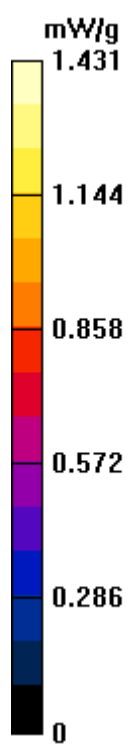
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.601 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.128 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.549 mW/g

Maximum value of SAR (measured) = 1.308 mW/g



#53 WCDMA II_RMC12.2K_Right Cheek_Ch9538_2D

DUT: 192004

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

Medium: HSL_1900_111013 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 41.19$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.431 mW/g

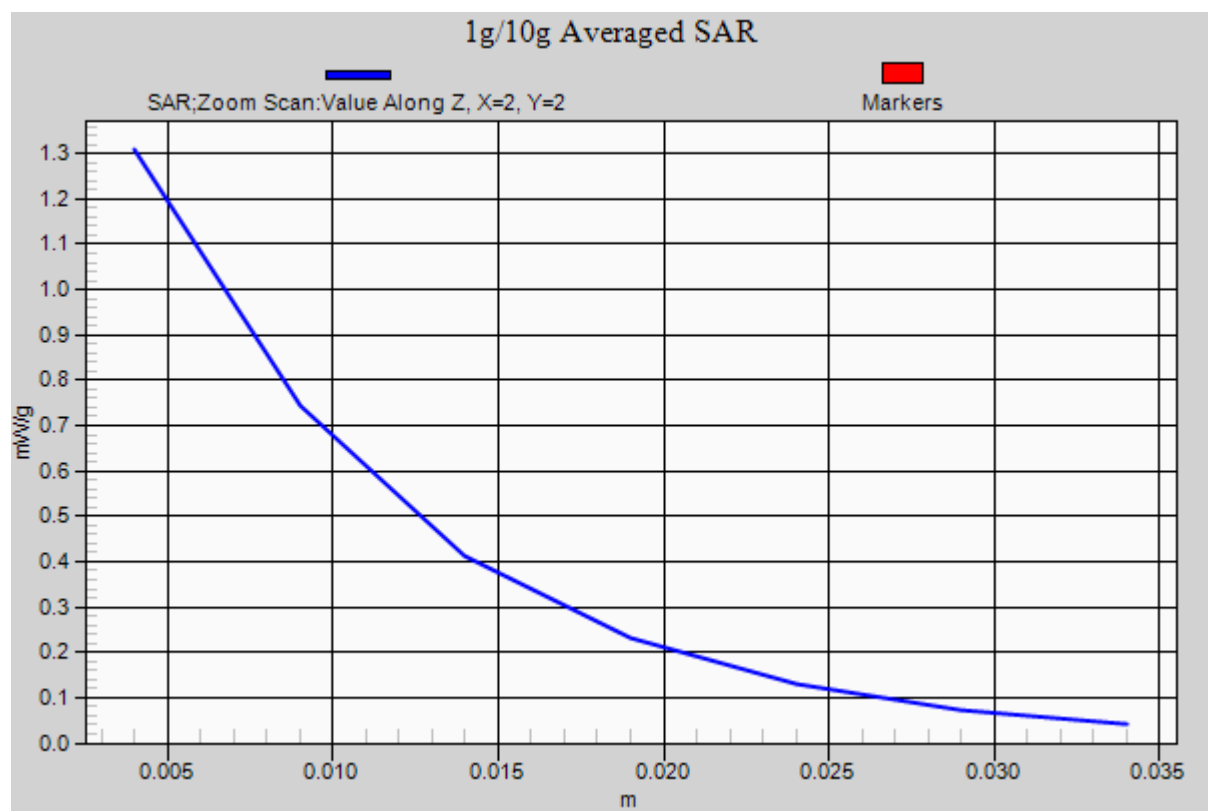
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.601 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.128 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.549 mW/g

Maximum value of SAR (measured) = 1.308 mW/g



#60 802.11b_Right Cheek_Ch1_1M_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); 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)

Ch1/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

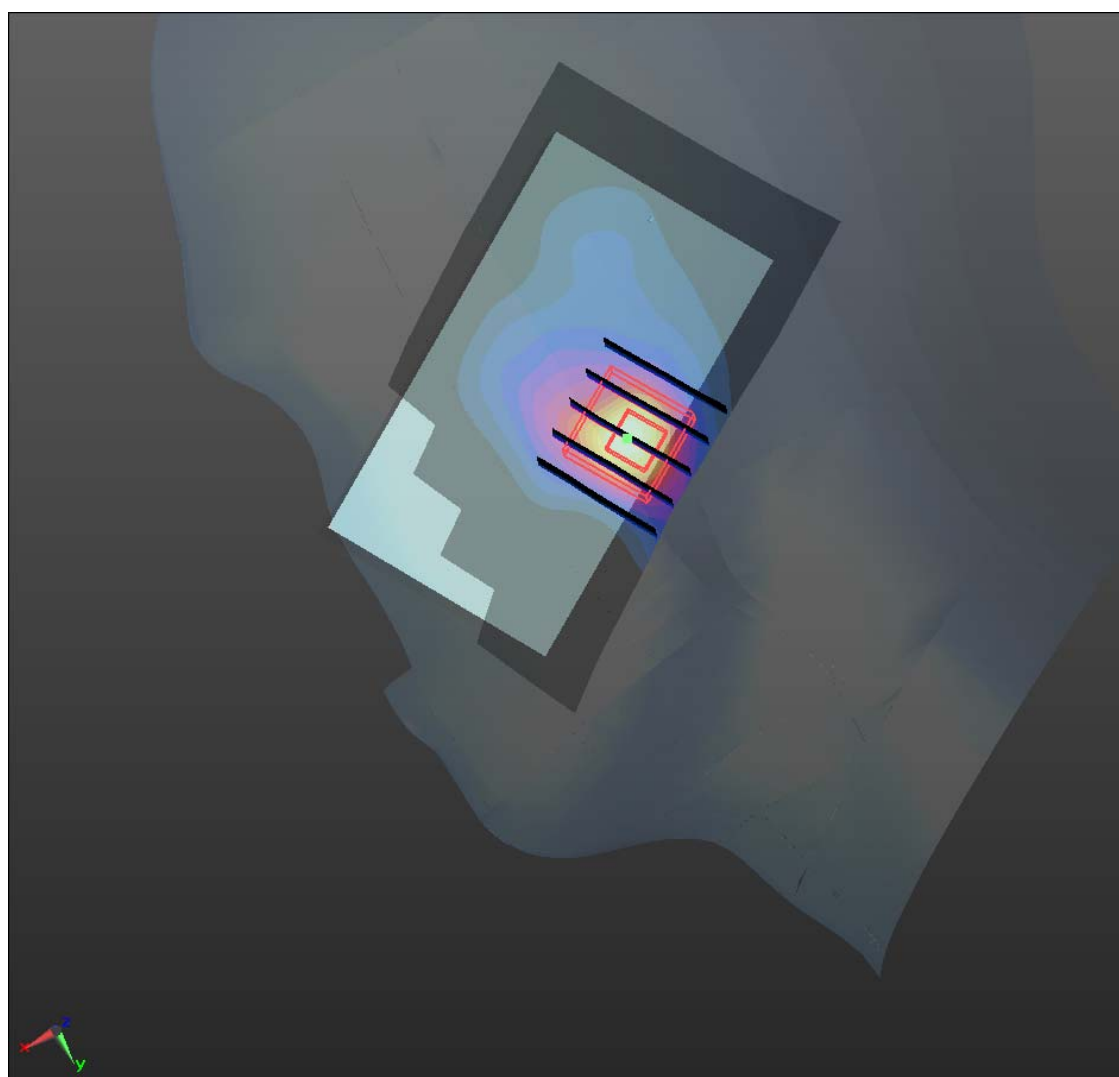
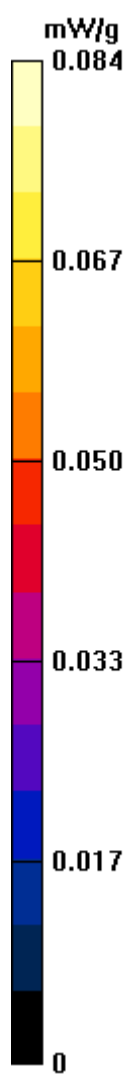
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.052 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



#60 802.11b_Right Cheek_Ch1_1M_18_2D

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); 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)

Ch1/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

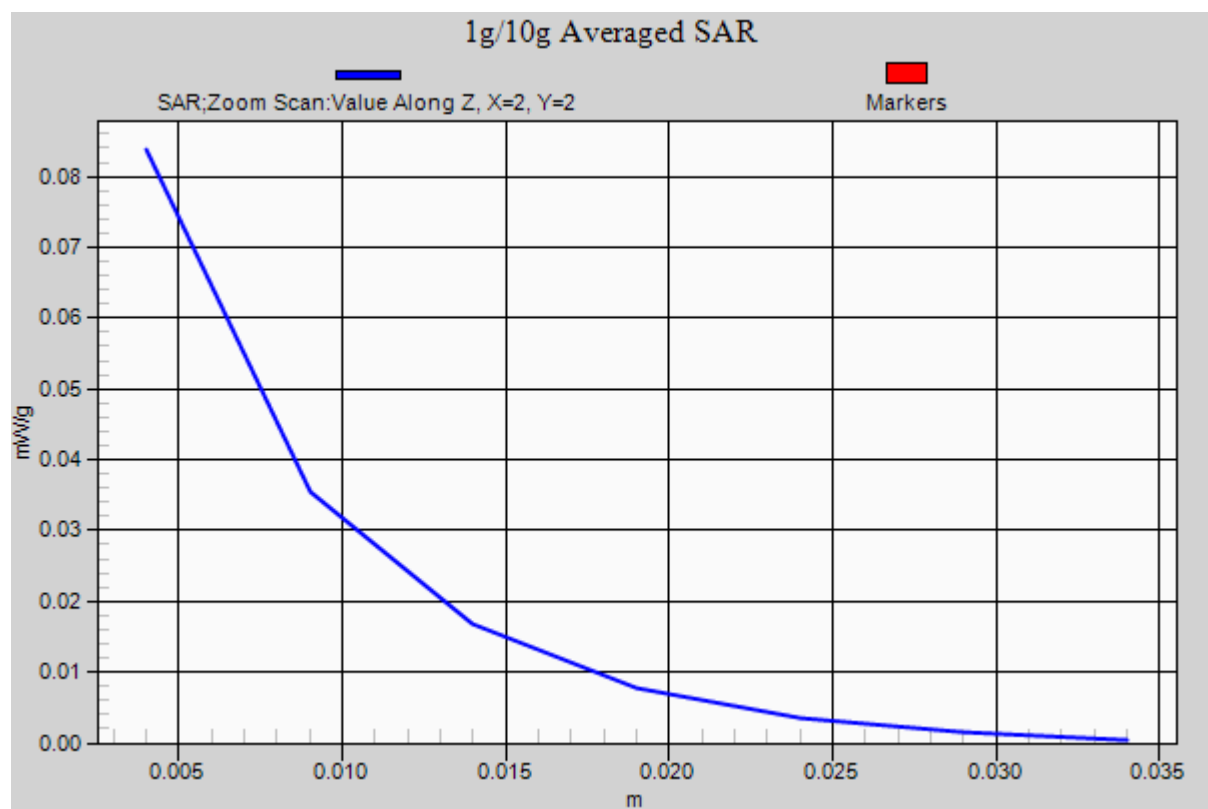
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.052 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



#61 802.11b_Right Tilted_Ch1_1M_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); 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)

Ch1/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.019 mW/g

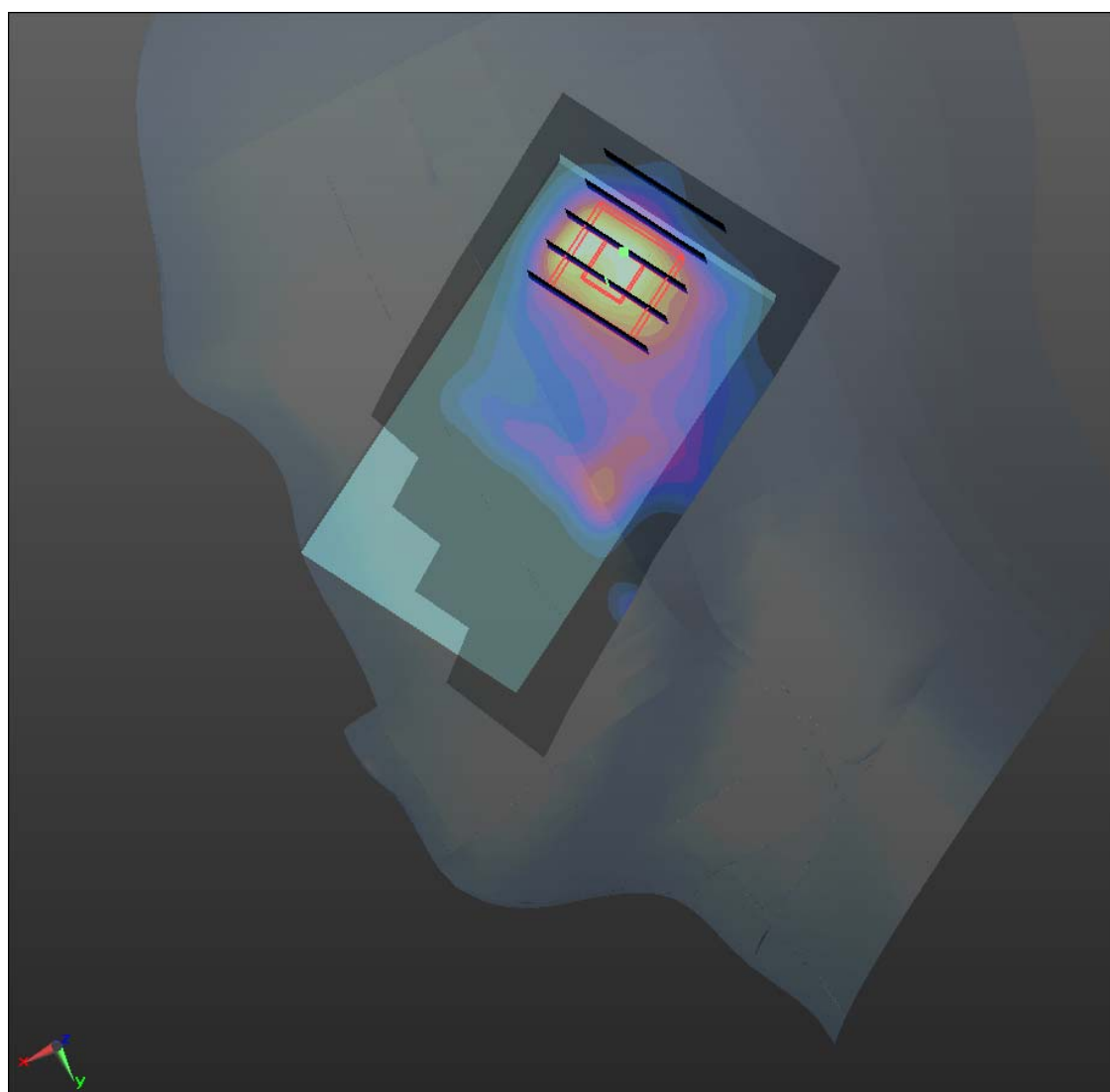
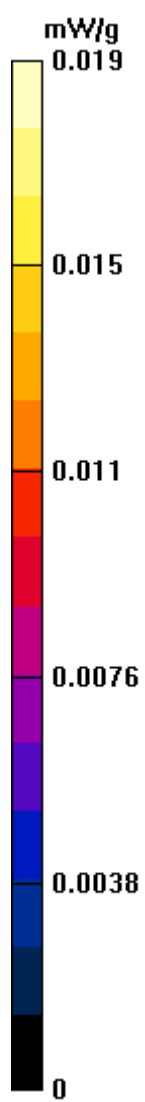
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.881 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00774 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



#62 802.11b_Left Cheek_Ch1_1M_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); 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)

Ch1/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.062 mW/g

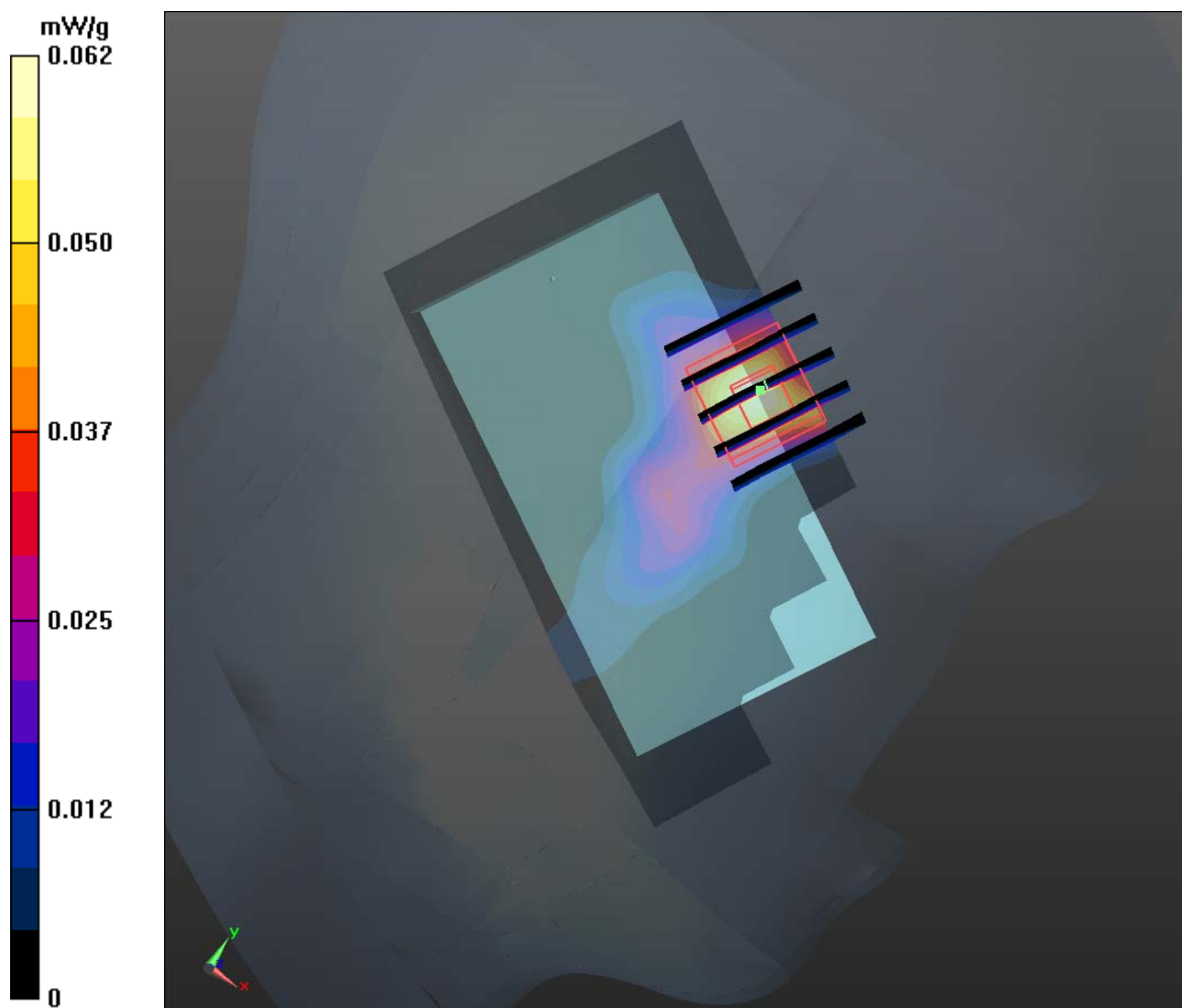
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.133 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



#63 802.11b_Left Tilted_Ch1_1M_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ mho/m; $\epsilon_r =$

39.891 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); 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)

Ch1/Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.025 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.776 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00669 mW/g

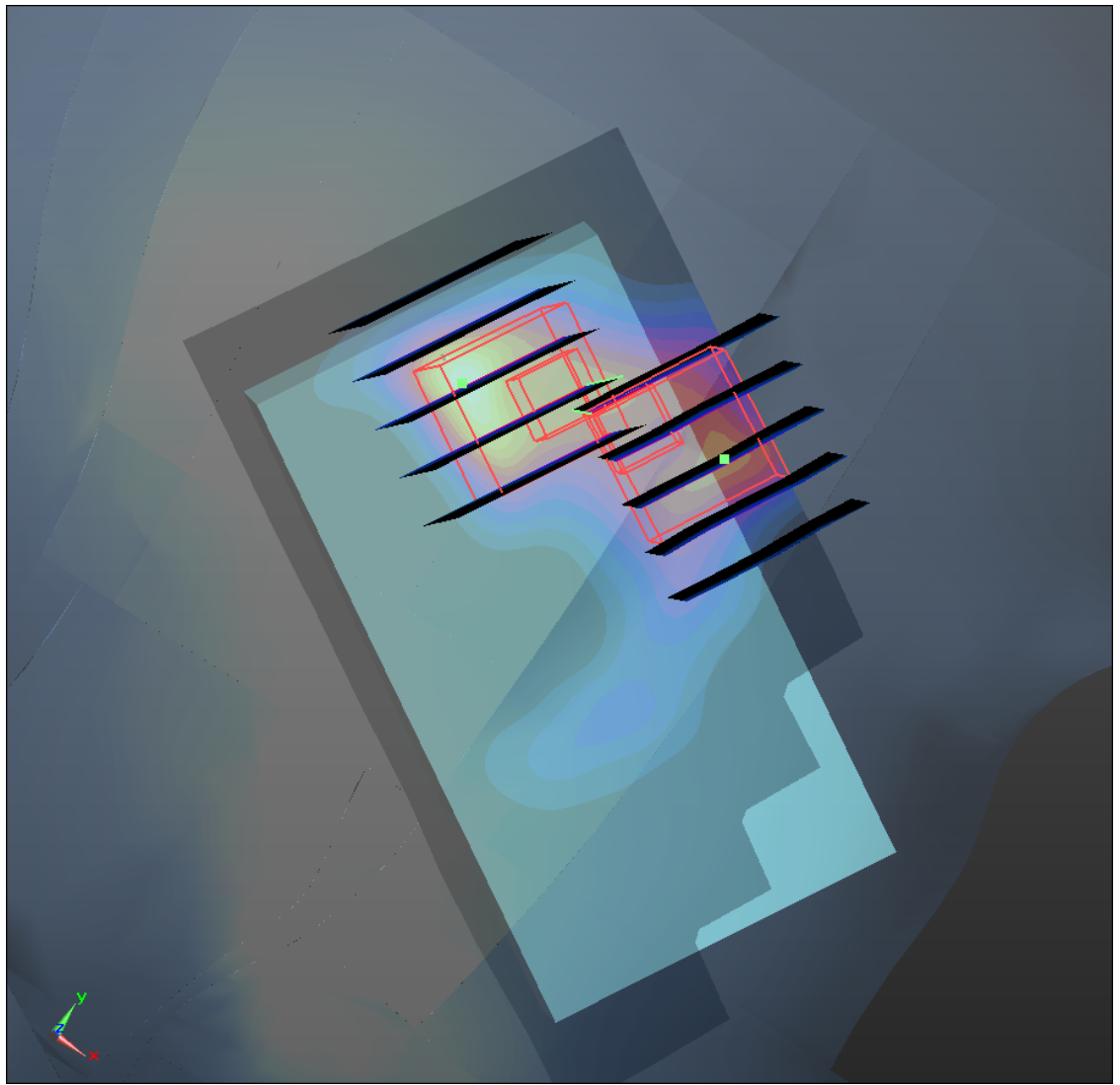
Maximum value of SAR (measured) = 0.016 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.776 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.0053 mW/g



#01 GSM850_GPRS10_Front_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.027 mW/g

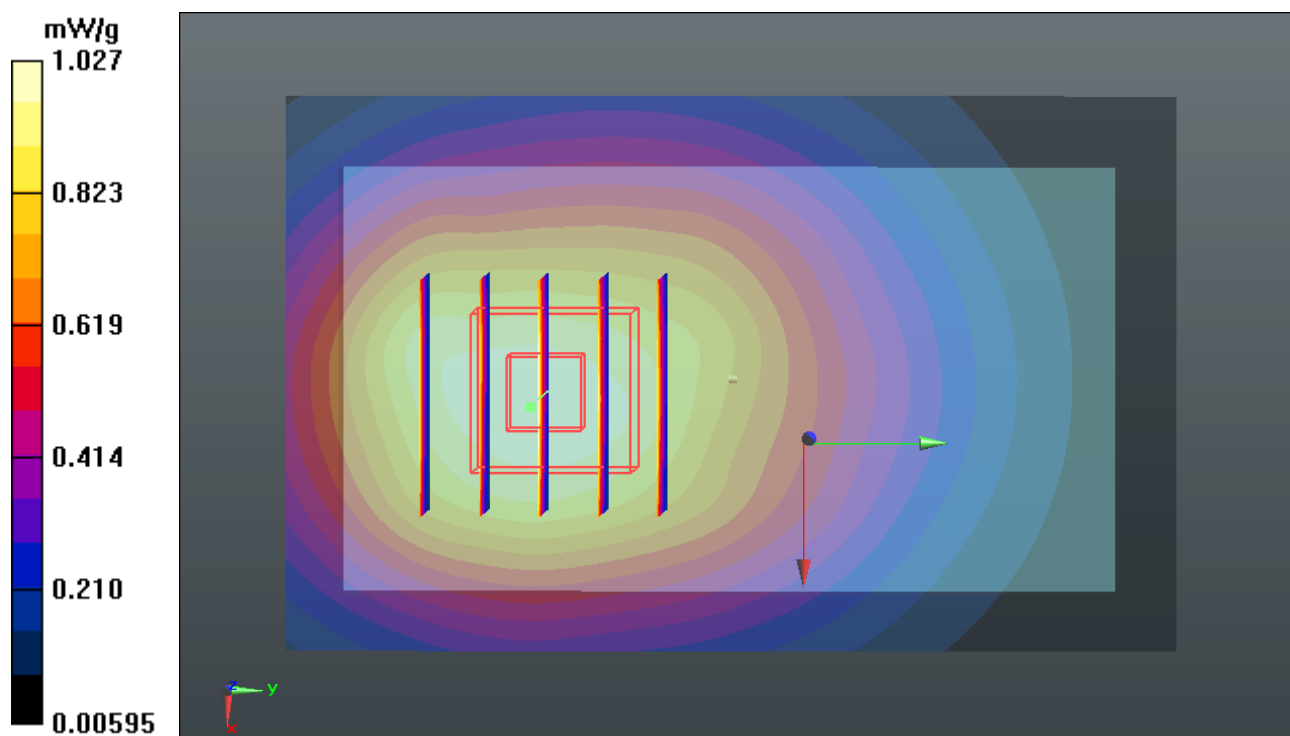
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.892 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.177 W/kg

SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.731 mW/g

Maximum value of SAR (measured) = 1.032 mW/g



#02 GSM850_GPRS10_Back_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.401 mW/g

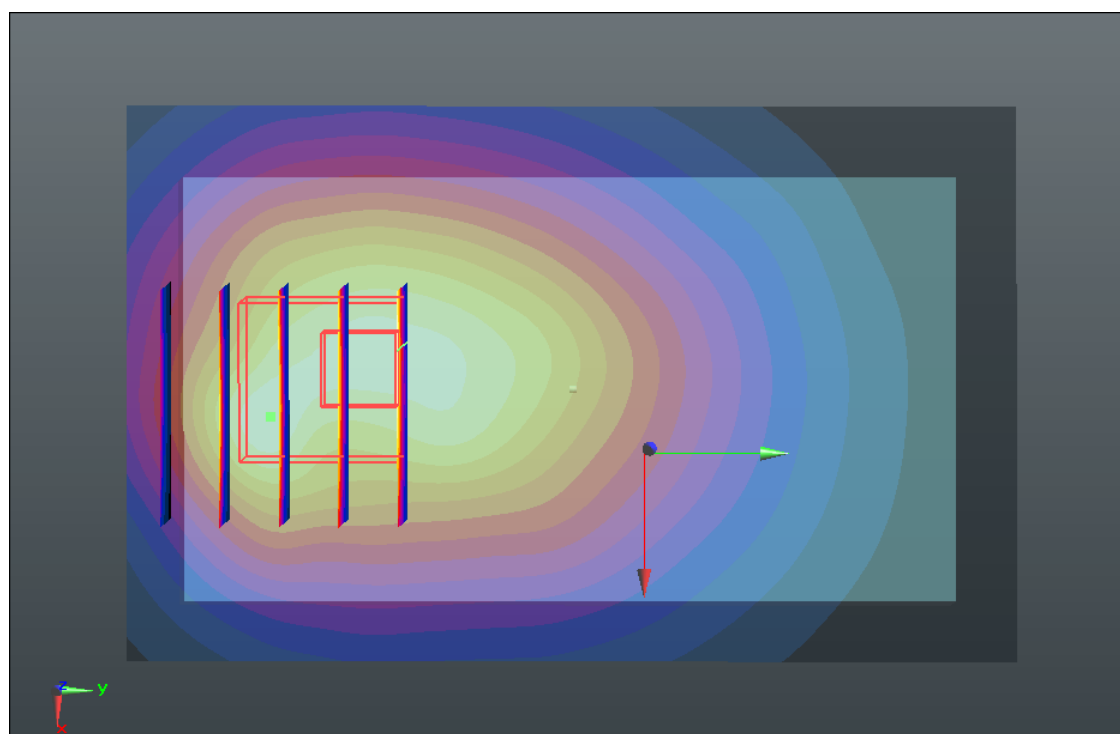
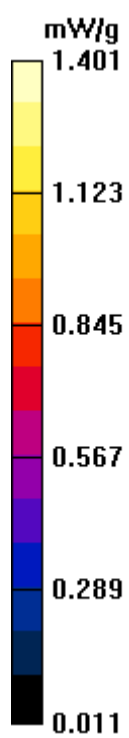
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.819 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.674 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.911 mW/g

Maximum value of SAR (measured) = 1.396 mW/g



#02 GSM850_GPRS10_Back_1.0cm_Ch128_2D

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.401 mW/g

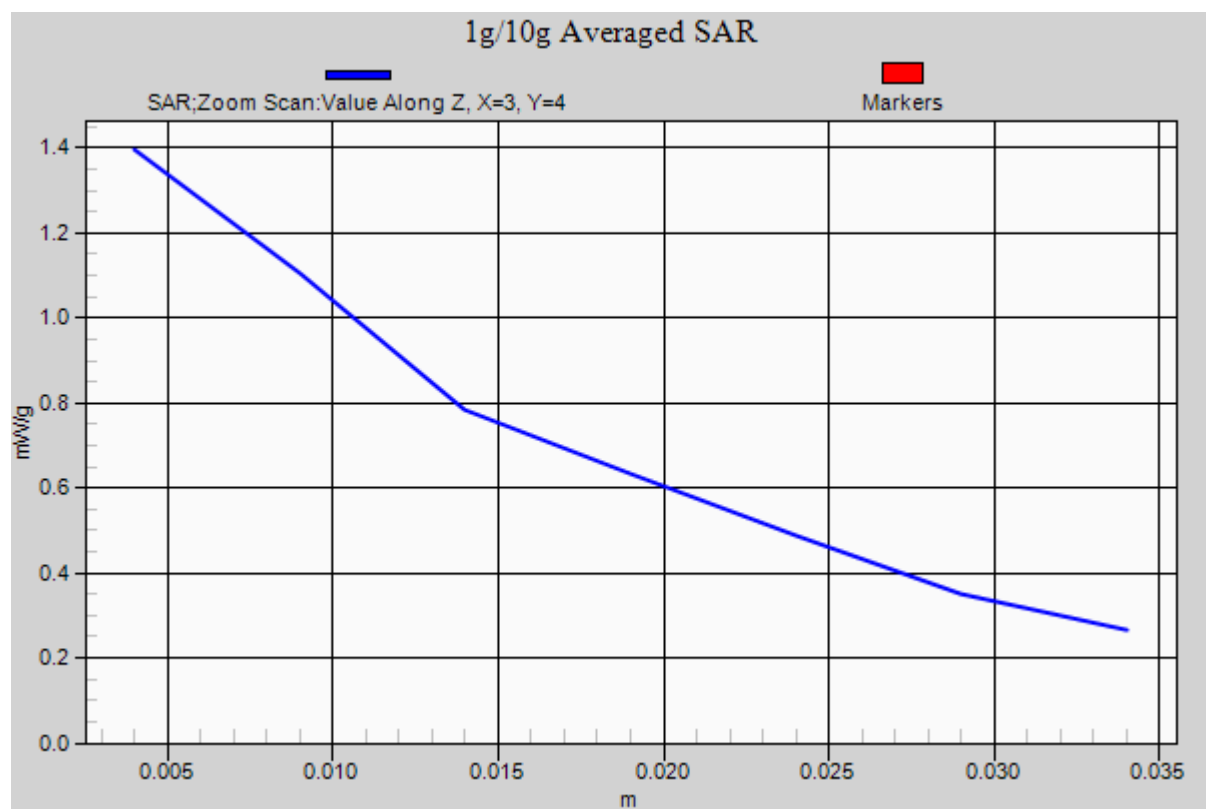
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.819 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.674 W/kg

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.911 mW/g

Maximum value of SAR (measured) = 1.396 mW/g



#03 GSM850_GPRS10_Left Side_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.839 mW/g

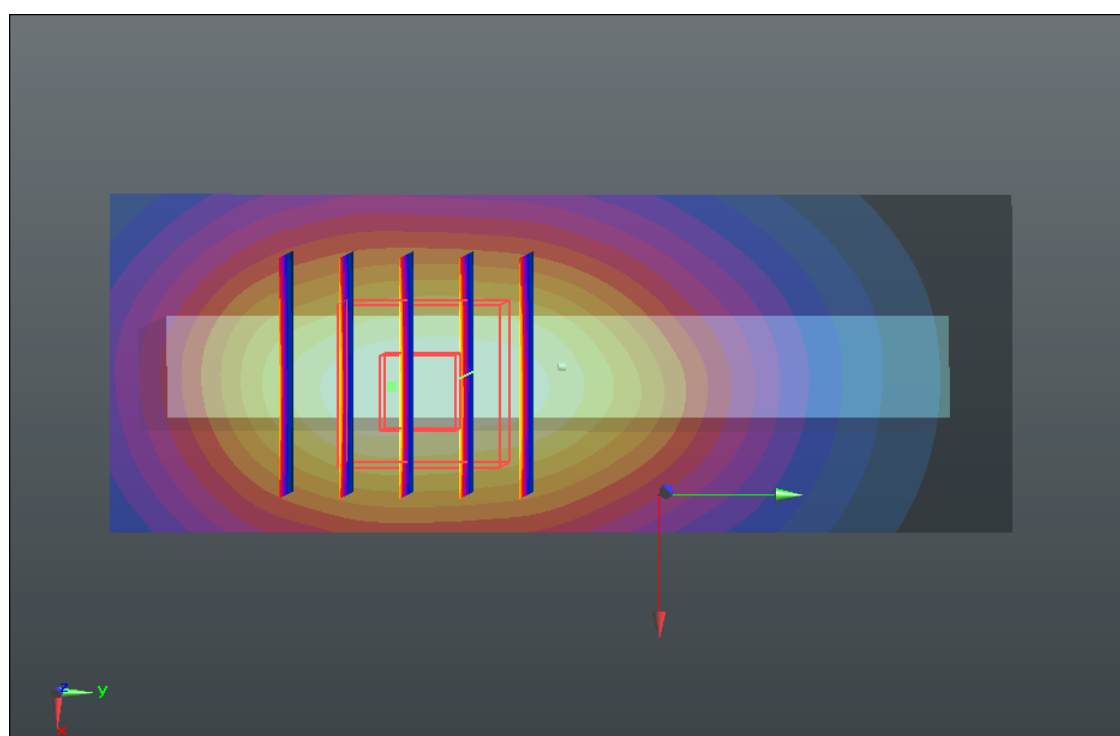
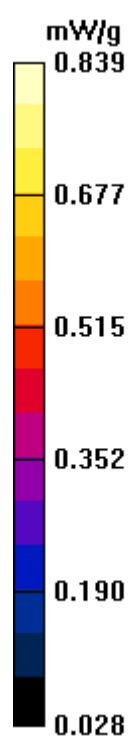
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.928 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.563 mW/g

Maximum value of SAR (measured) = 0.837 mW/g



#04 GSM850_GPRS10_Right Side_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.752 mW/g

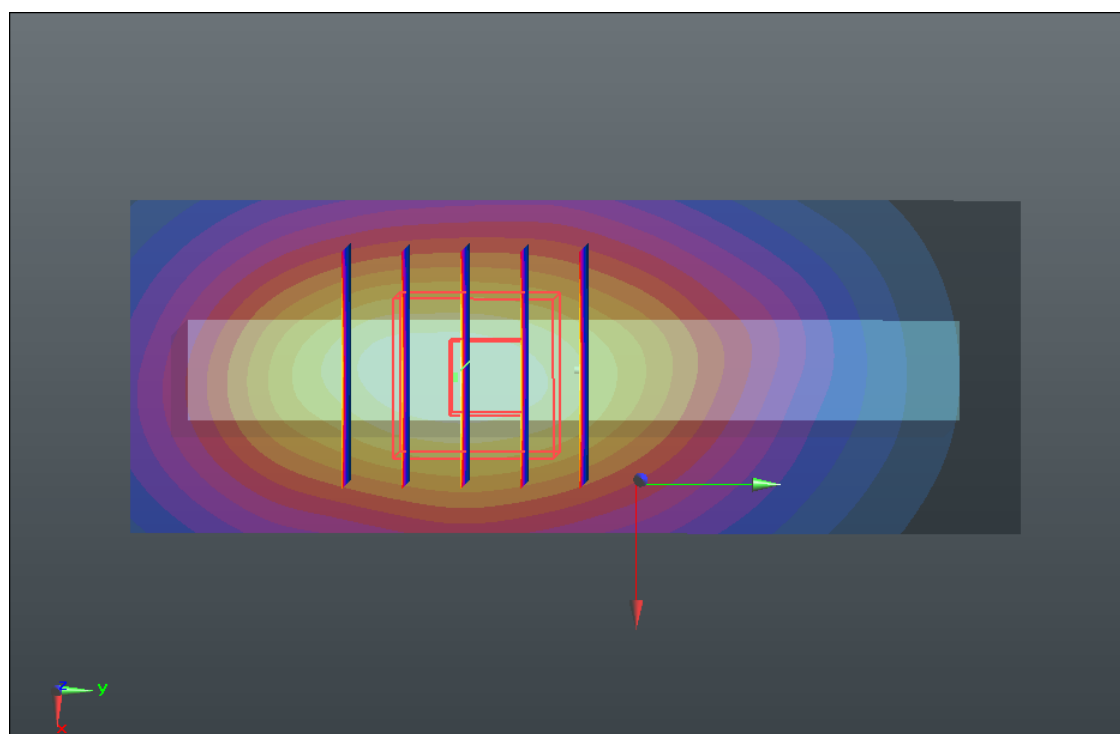
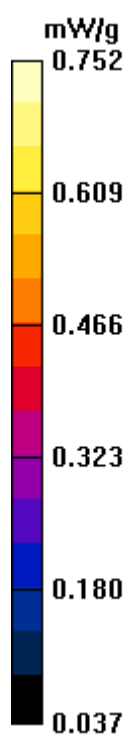
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.056 V/m; Power Drift = 0.0078 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



#05 GSM850_GPRS10_Top Side_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.041 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.262 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.042 mW/g

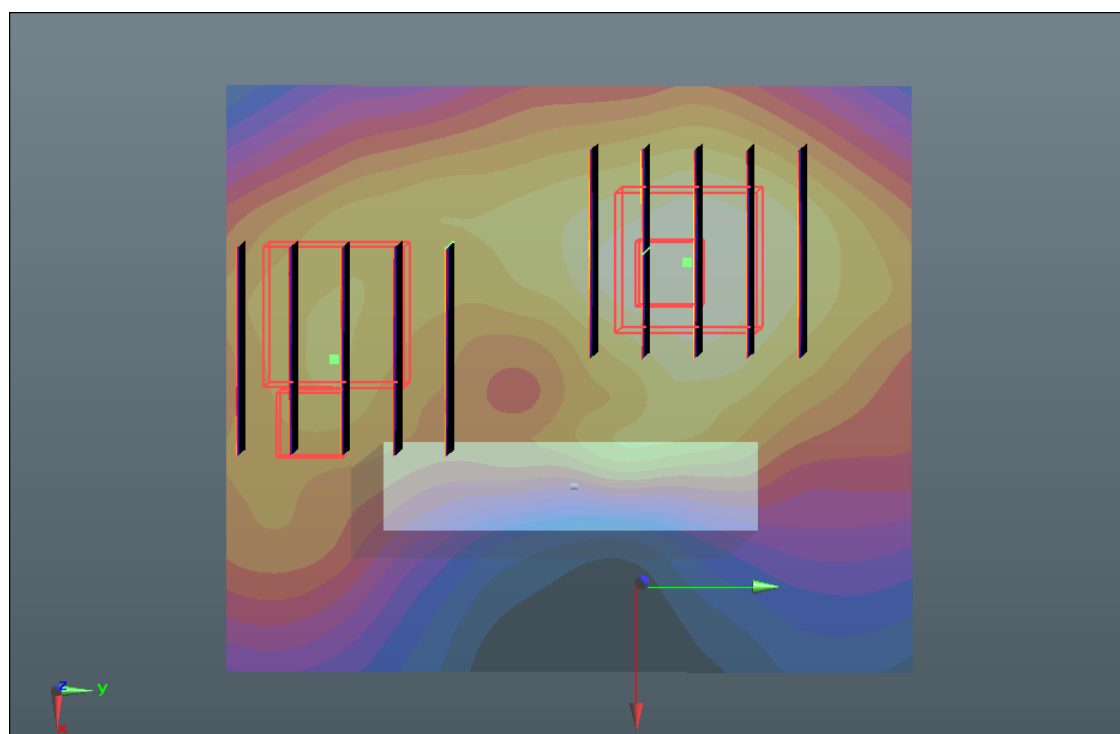
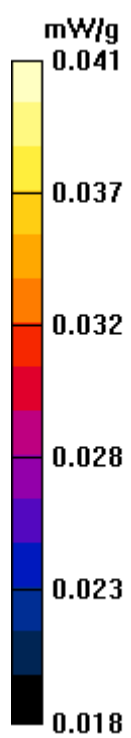
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.262 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.050 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.037 mW/g



#06 GSM850_GPRS10_Down Side_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.184 mW/g

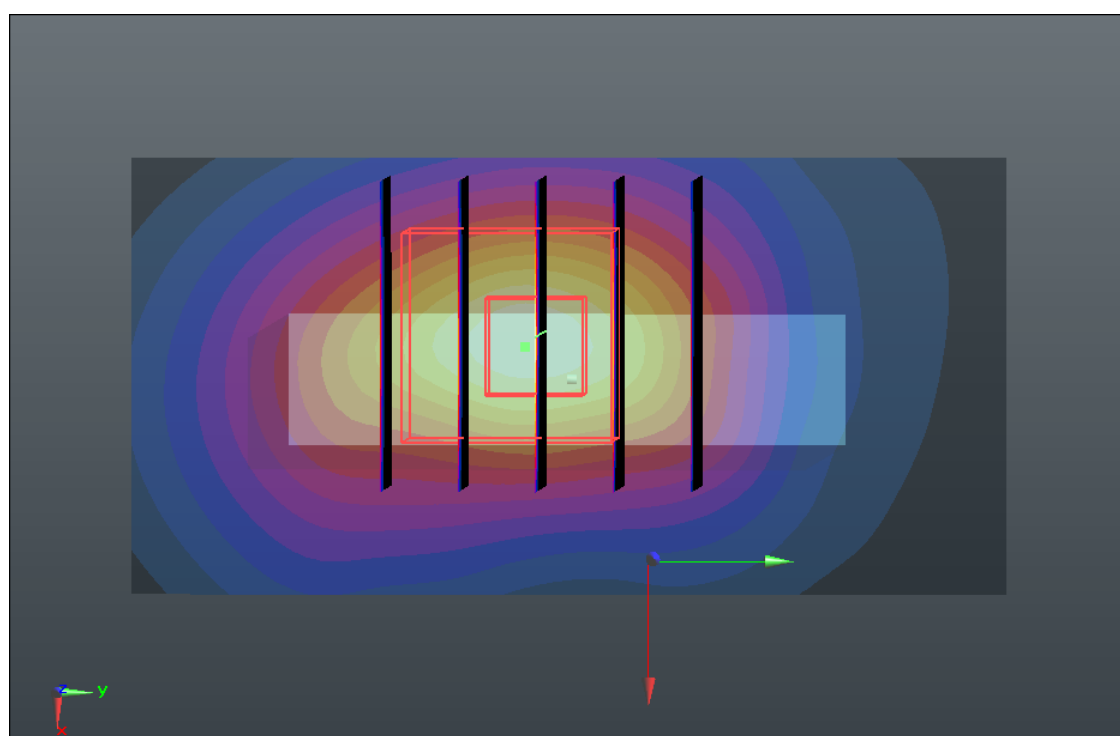
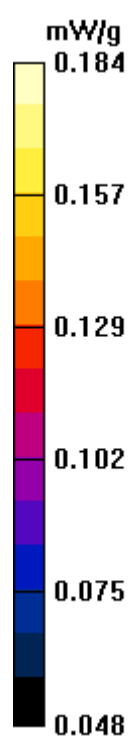
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.288 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.189 mW/g



#07 GSM850_GPRS10_Back_1.0cm_Ch189

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_835_111012 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 54.404$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

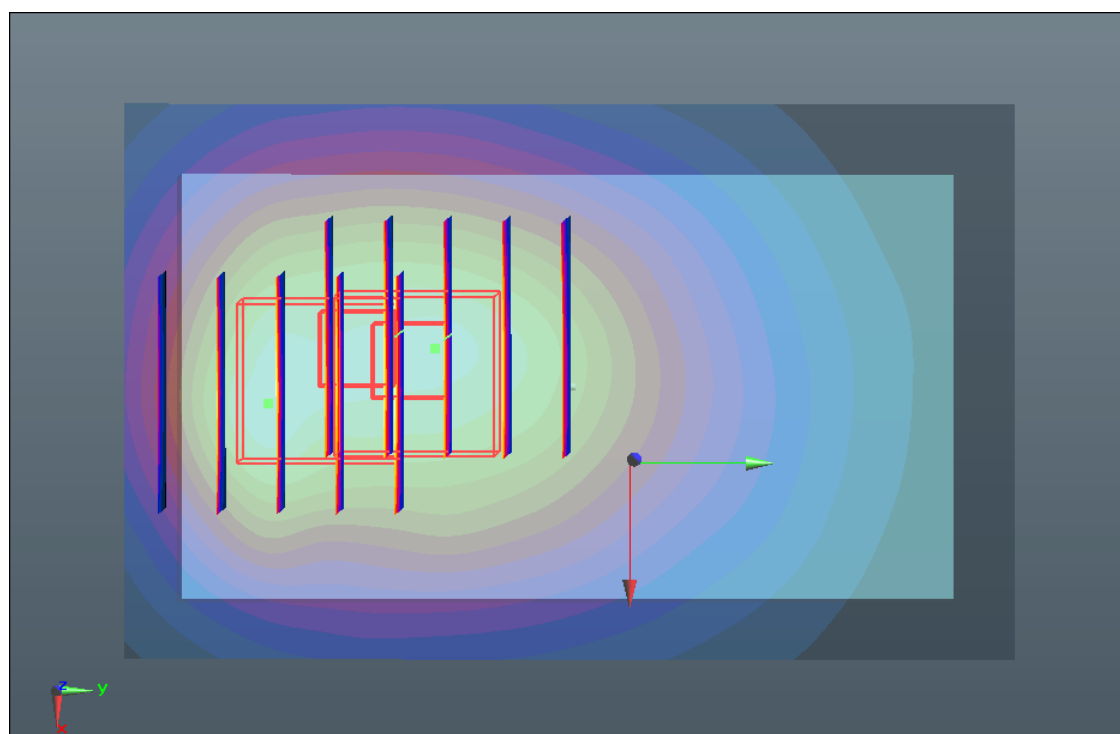
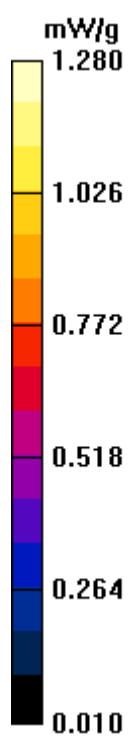
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.280 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.650 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.719 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.857 mW/g
Maximum value of SAR (measured) = 1.323 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.650 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.493 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.883 mW/g
Maximum value of SAR (measured) = 1.242 mW/g



#08 GSM850_GPRS10_Back_1.0cm_Ch251

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 54.291$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.271 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.953 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.460 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.842 mW/g

Maximum value of SAR (measured) = 1.218 mW/g

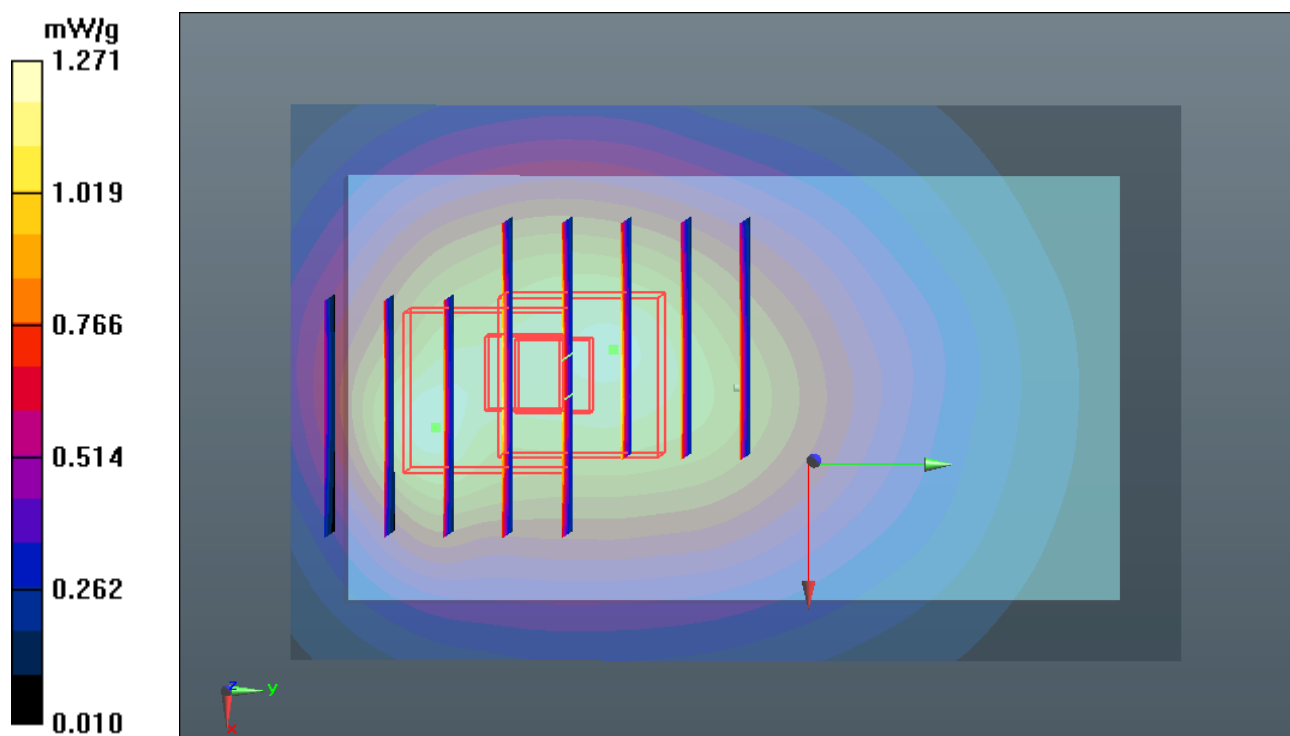
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.953 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.619 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.782 mW/g

Maximum value of SAR (measured) = 1.183 mW/g



#09 GSM850_GPRS10_Front_1.0cm_Ch189

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r =$

54.404; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.057 mW/g

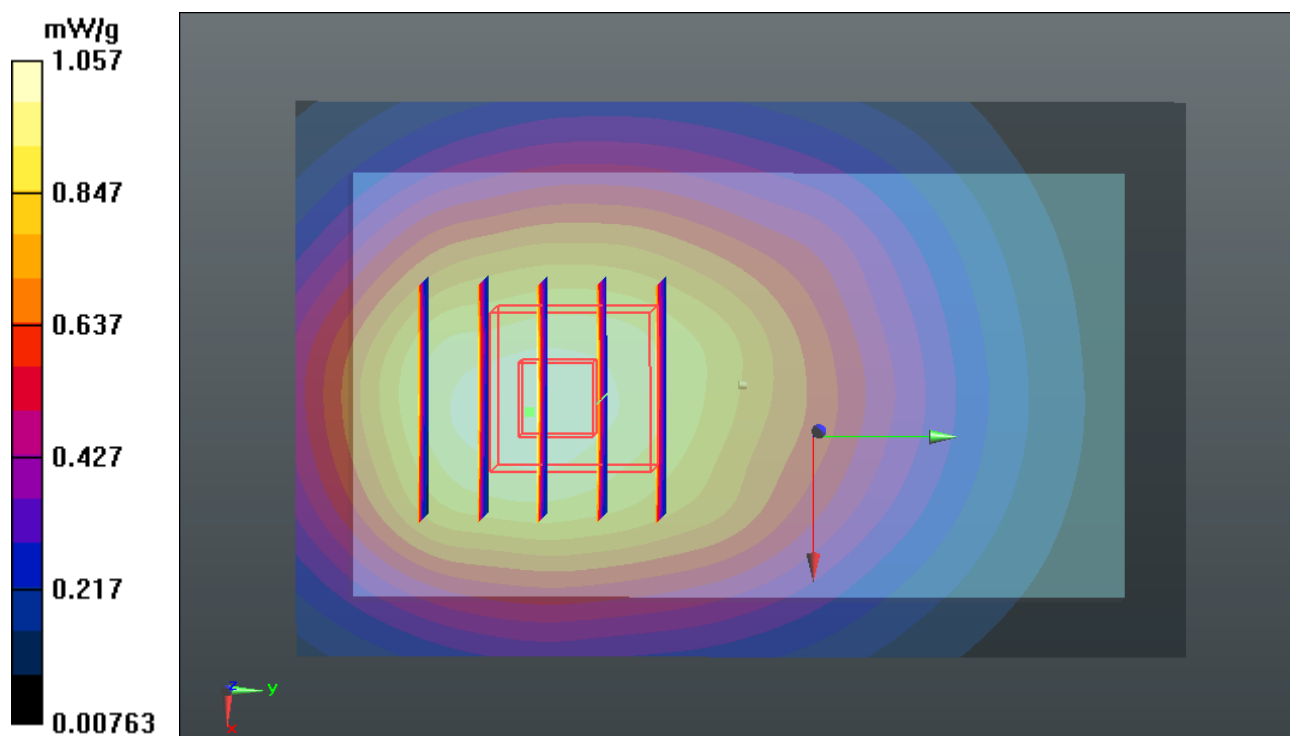
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.540 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.256 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.763 mW/g

Maximum value of SAR (measured) = 1.055 mW/g



#10 GSM850_GPRS10_Front_1.0cm_Ch251

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 54.291$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.078 mW/g

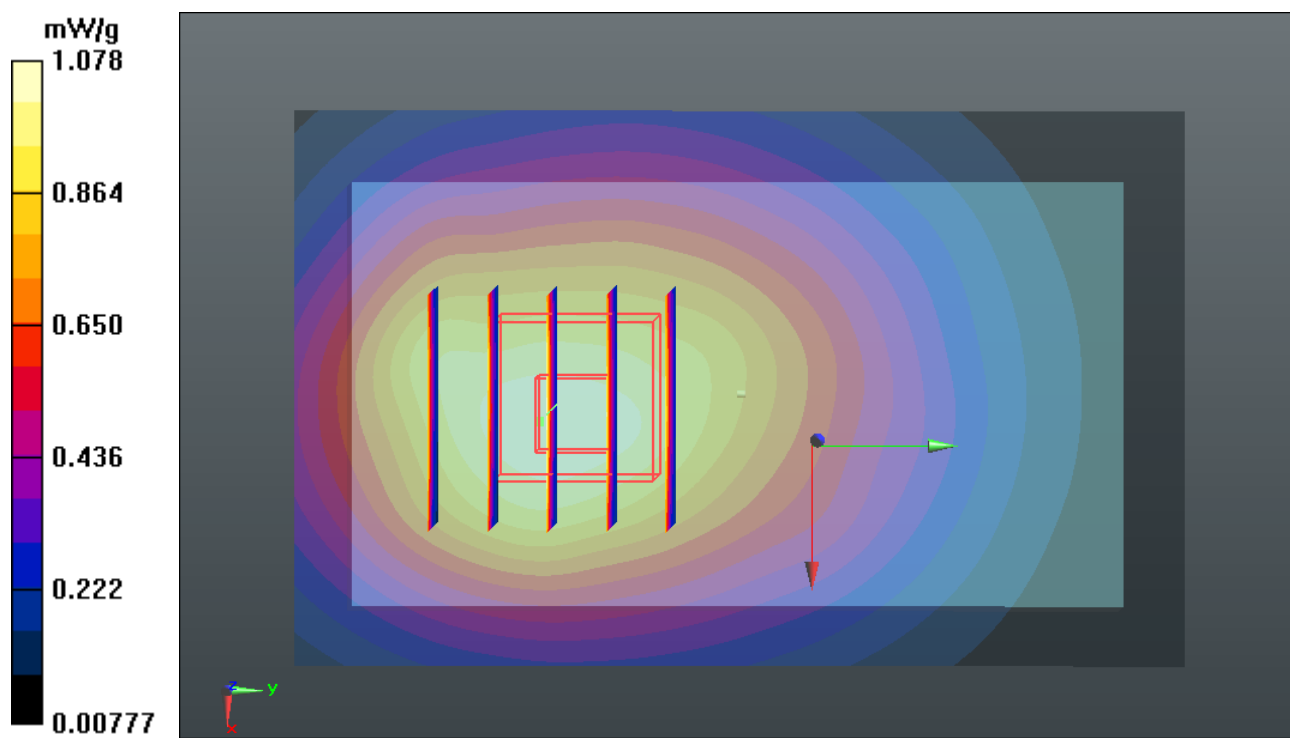
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.575 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.242 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.743 mW/g

Maximum value of SAR (measured) = 1.063 mW/g



#11 GSM850_EDGE10_Back_1.0cm_Ch128

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.435 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.549 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.901 mW/g

Maximum value of SAR (measured) = 1.309 mW/g

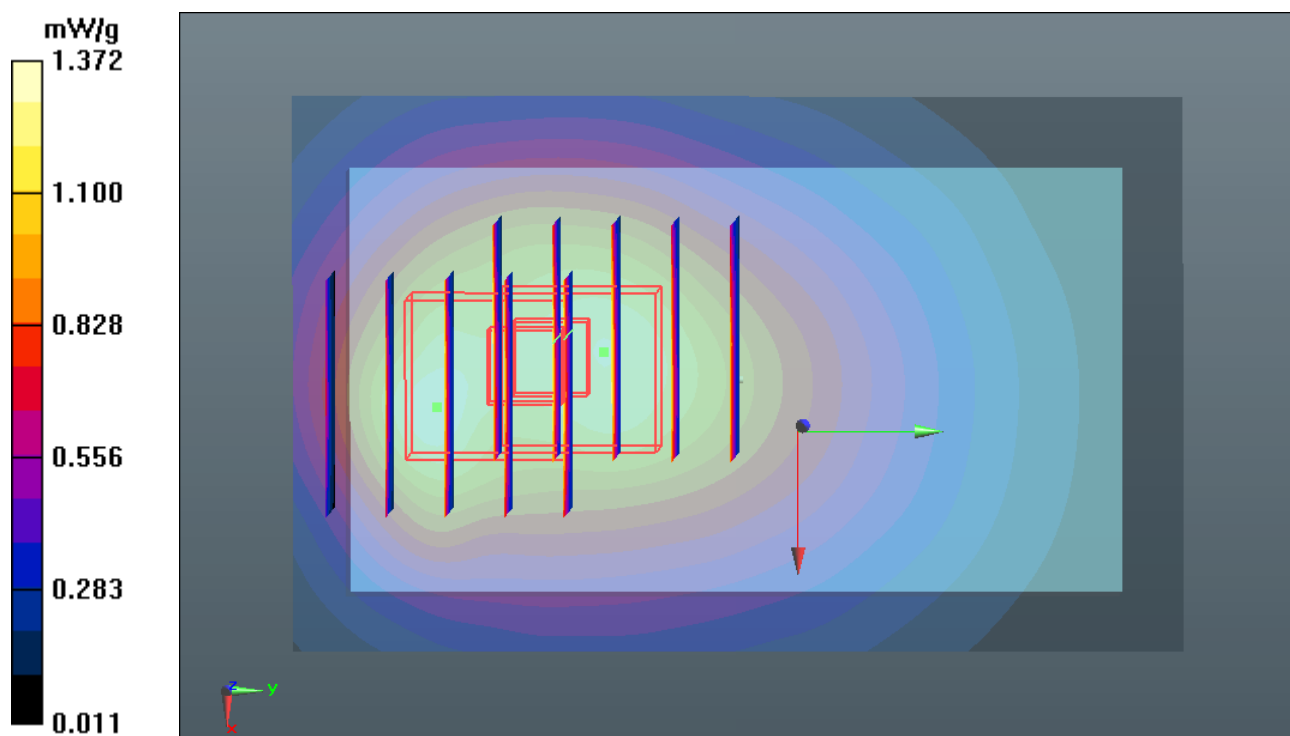
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.435 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.546 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.837 mW/g

Maximum value of SAR (measured) = 1.231 mW/g



#12 GSM850_GPRS10_Back_1.0cm_Ch128_Earphone

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 824.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.484$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.153 mW/g

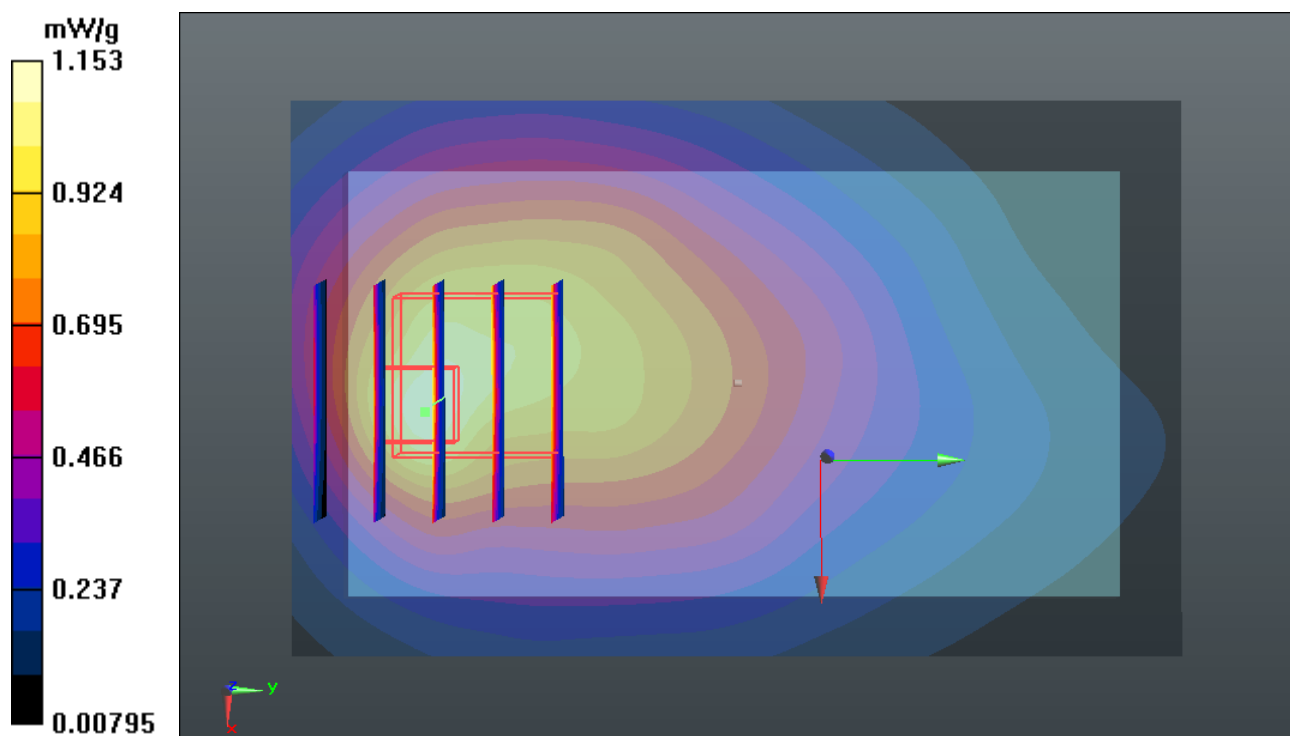
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.249 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.503 W/kg

SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.702 mW/g

Maximum value of SAR (measured) = 1.047 mW/g



#13 GSM850_GPRS10_Back_1.0cm_Ch189_Earphone

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r =$

54.404; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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)

Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.129 mW/g

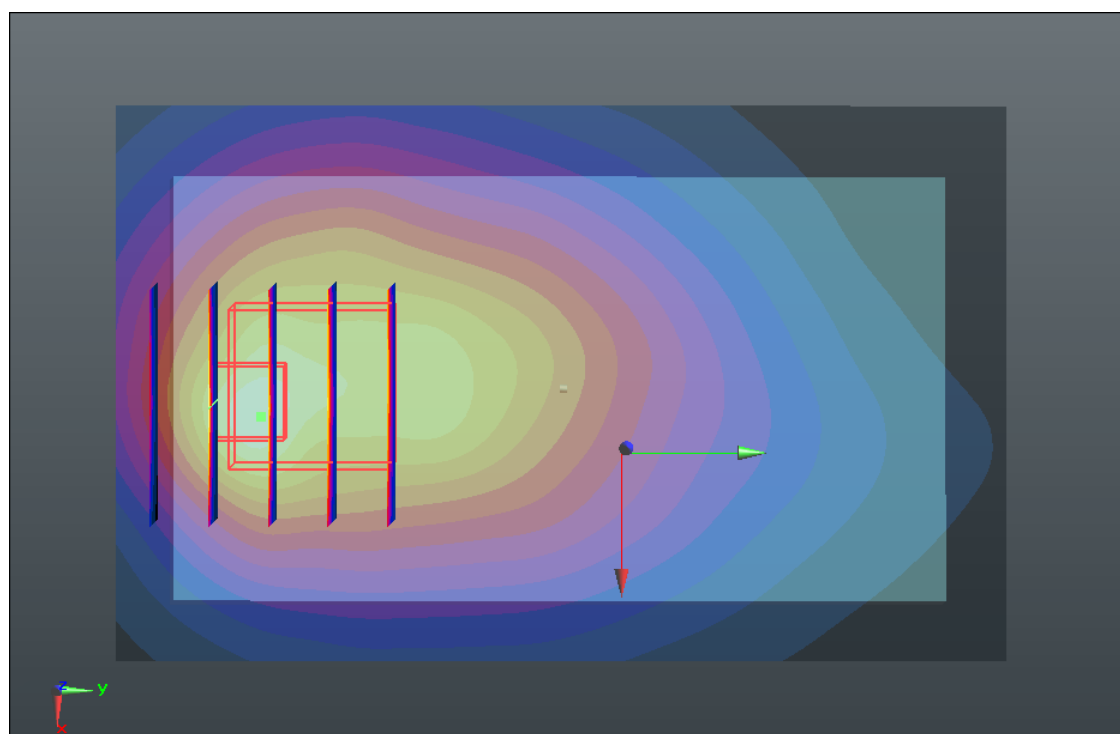
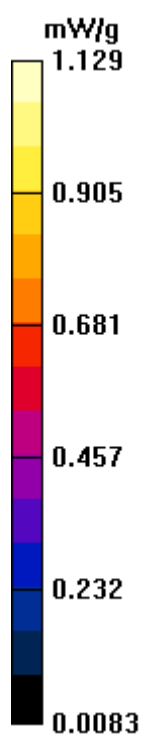
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.557 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.566 W/kg

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.679 mW/g

Maximum value of SAR (measured) = 1.076 mW/g



#14 GSM850_GPRS10_Back_1.0cm_Ch251_Earphone

DUT: 192004

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_835_111012 Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 54.291$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.062 mW/g

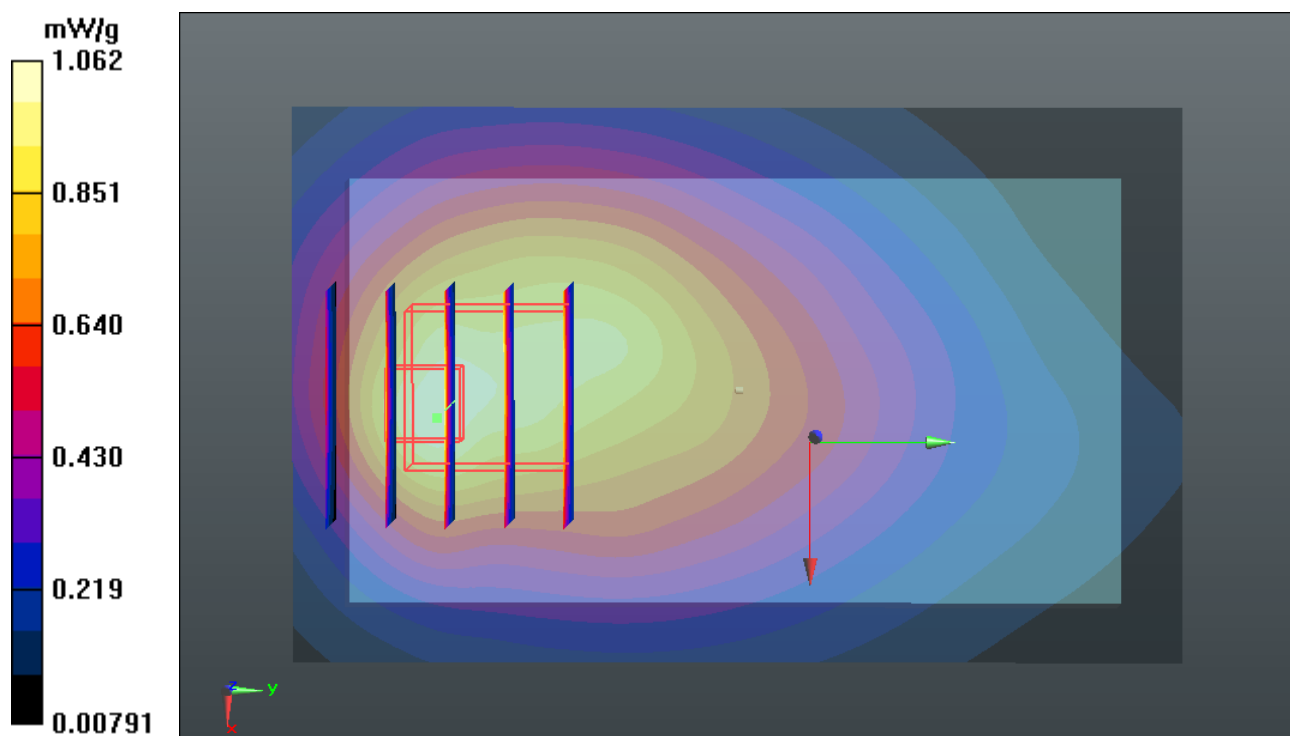
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.608 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.426 W/kg

SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.665 mW/g

Maximum value of SAR (measured) = 1.018 mW/g



#29 GSM1900_GPRS12_Front_1.0cm_Ch512

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.413 mW/g

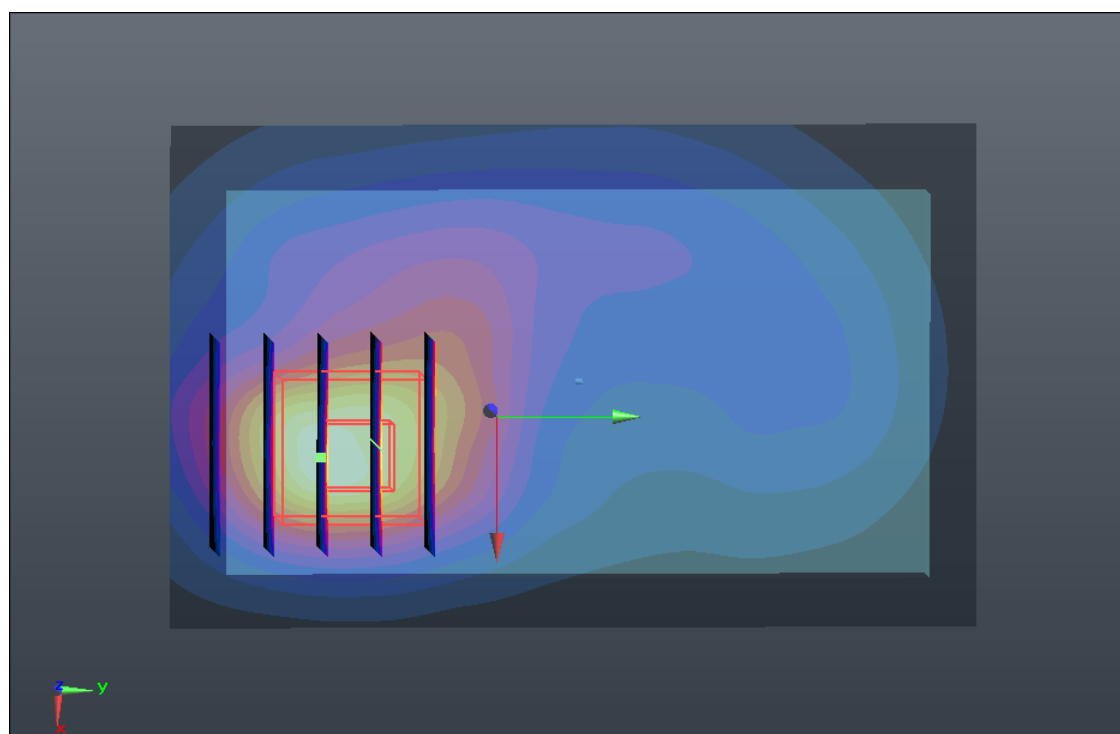
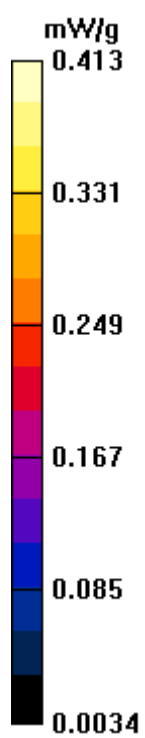
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.911 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.411 mW/g



#29 GSM1900_GPRS12_Front_1.0cm_Ch512_2D

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.413 mW/g

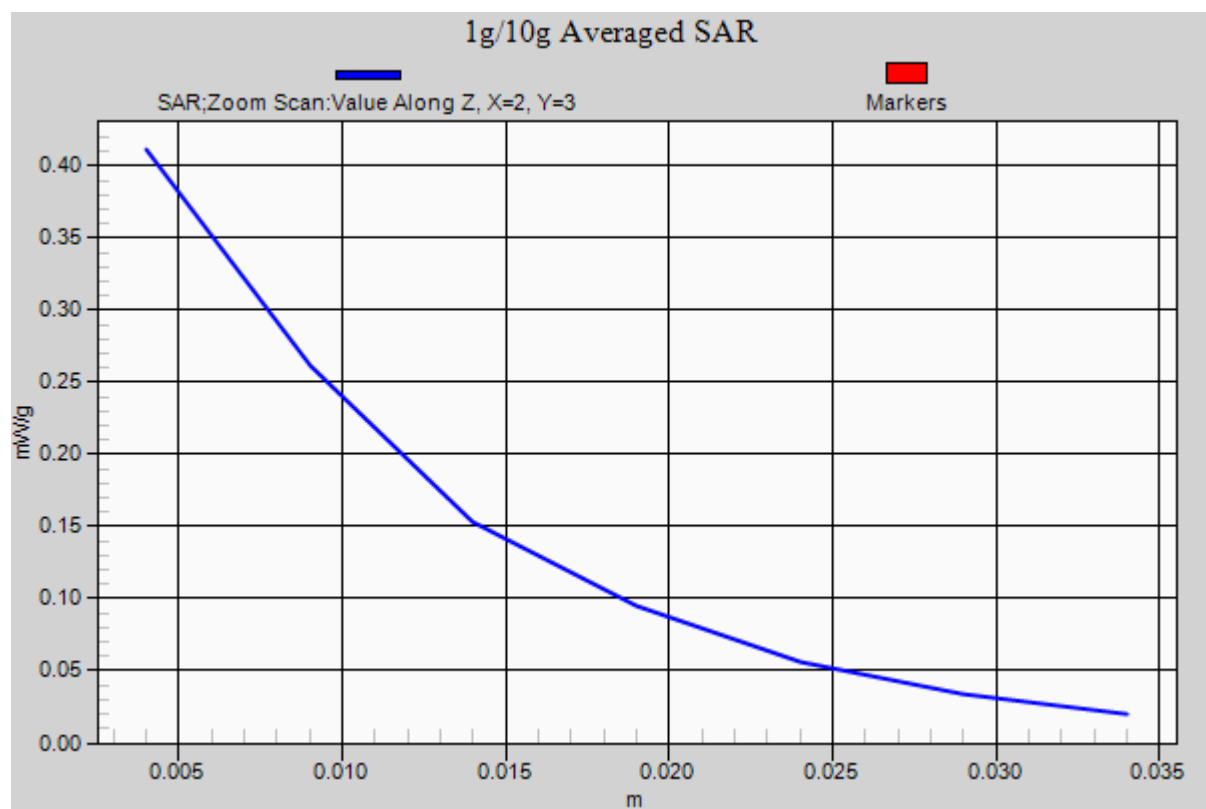
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.911 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.411 mW/g



#30 GSM1900_GPRS12_Back_1.0cm_Ch512

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.338 mW/g

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

Reference Value = 13.293 V/m; Power Drift = -0.0069 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.353 mW/g

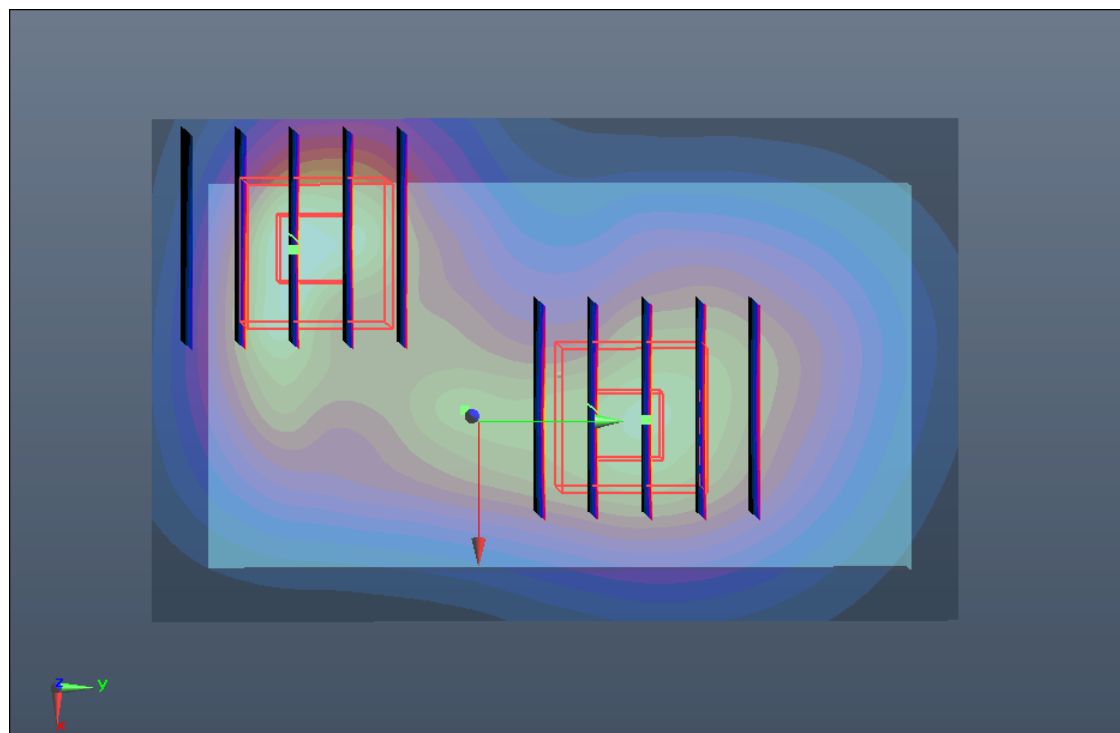
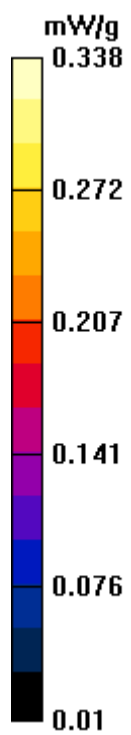
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.293 V/m; Power Drift = -0.0069 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



#31 GSM1900_GPRS12_Left Side_1.0cm_Ch512

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.177 mW/g

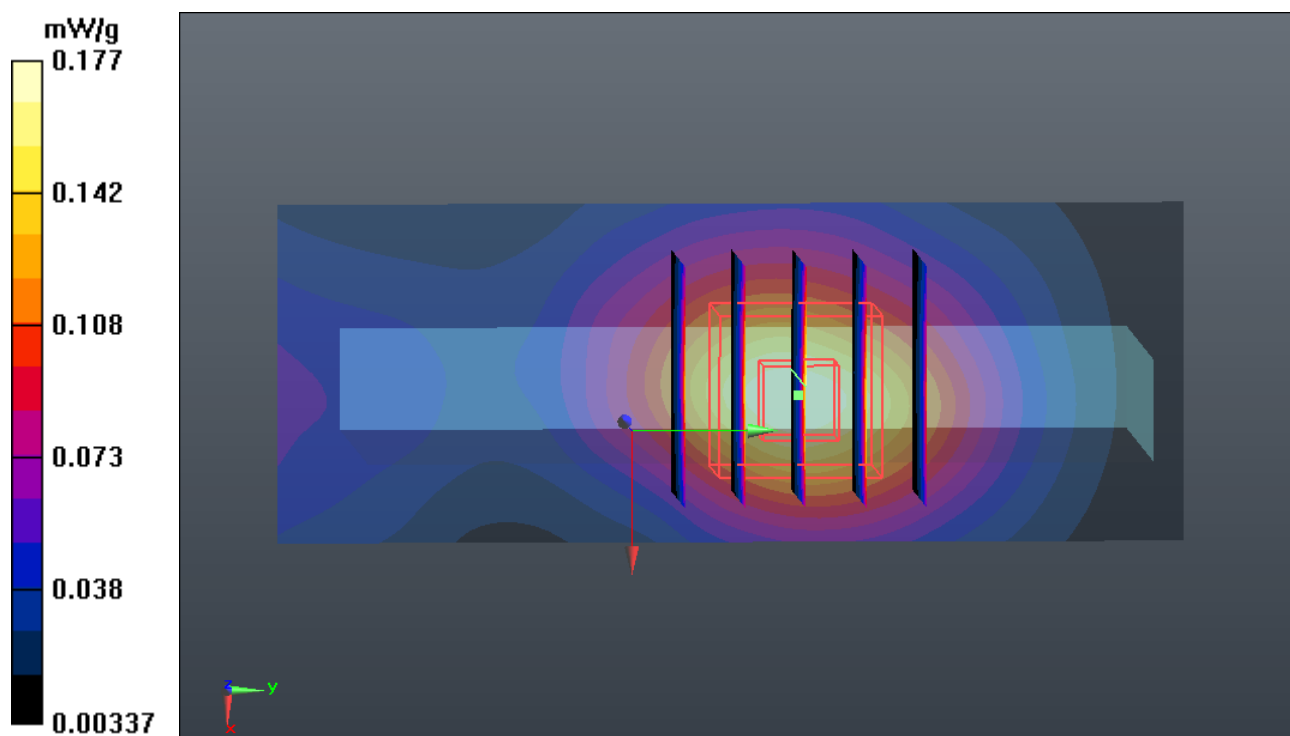
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.684 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.161 mW/g



#32 GSM1900_GPRS12_Right Side_1.0cm_Ch512

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.124 mW/g

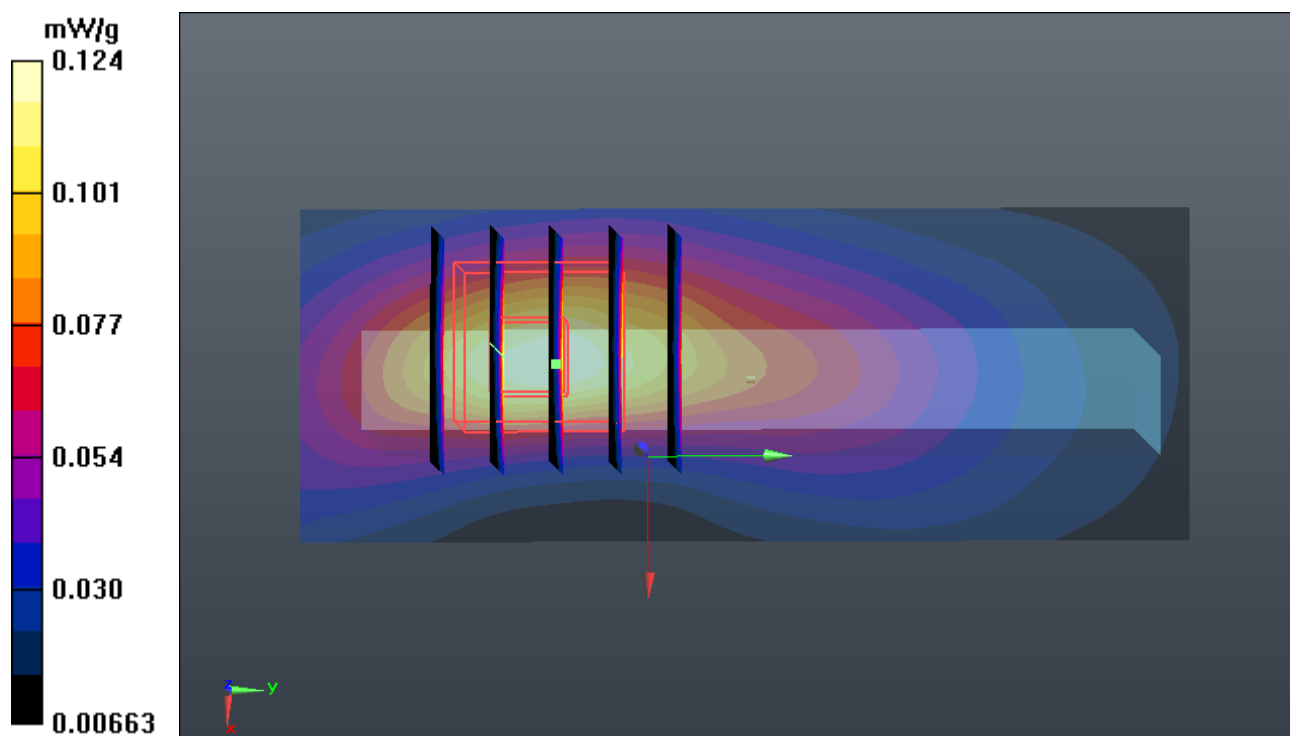
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.741 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.123 mW/g



#33 GSM1900_GPRS12_Top Side_1.0cm_Ch512

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.045 mW/g

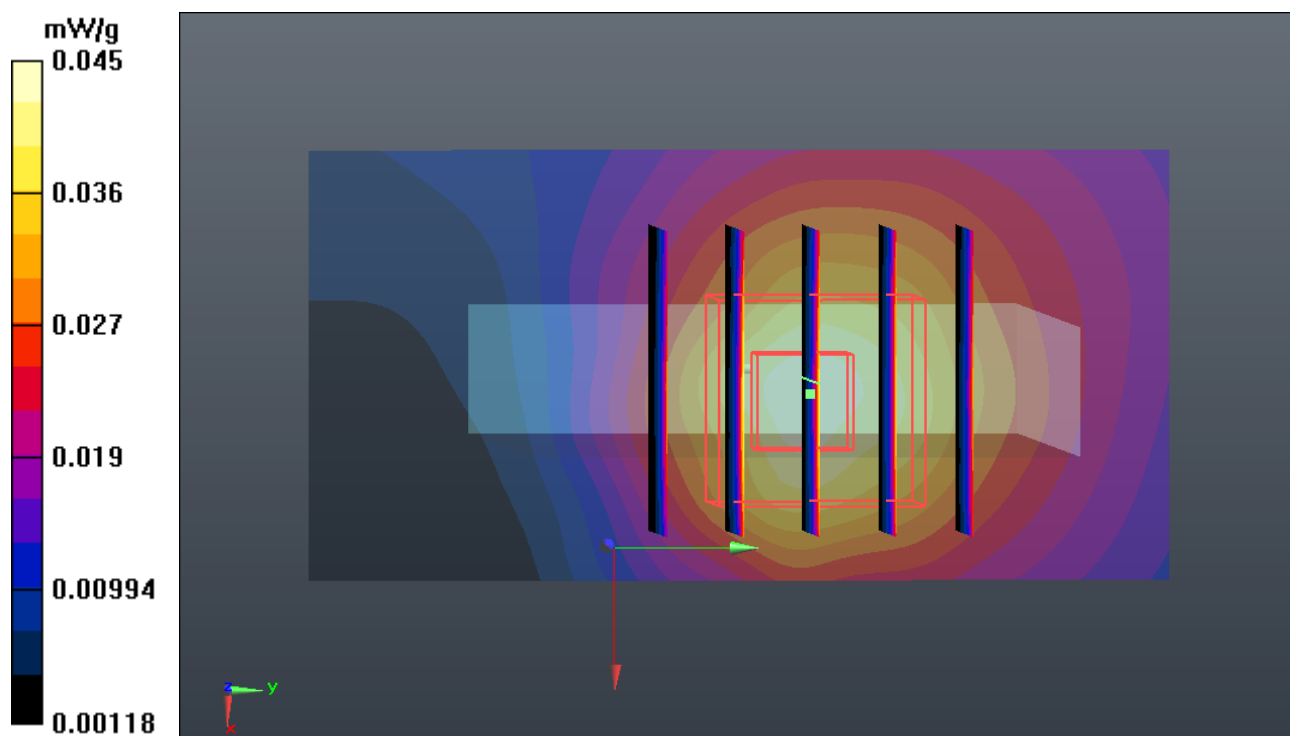
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.565 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.043 mW/g



#34 GSM1900_GPRS12_Down Side_1.0cm_Ch512

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.385 mW/g

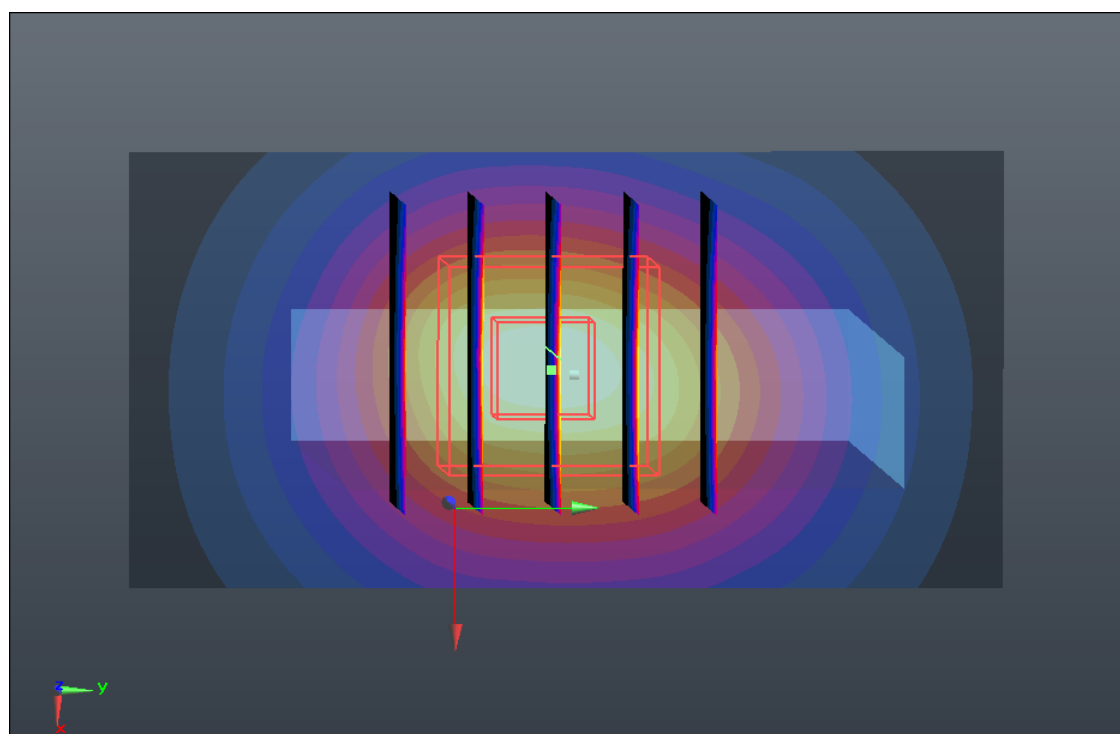
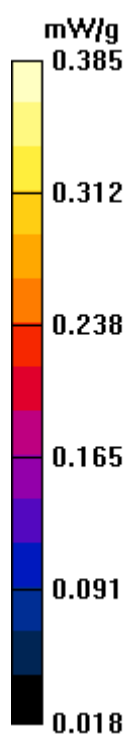
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.865 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.396 mW/g



#35 GSM1900_GPRS12_Front_1.0cm_Ch512_Earphone

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.669; $\rho = 1000$ 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.369 mW/g

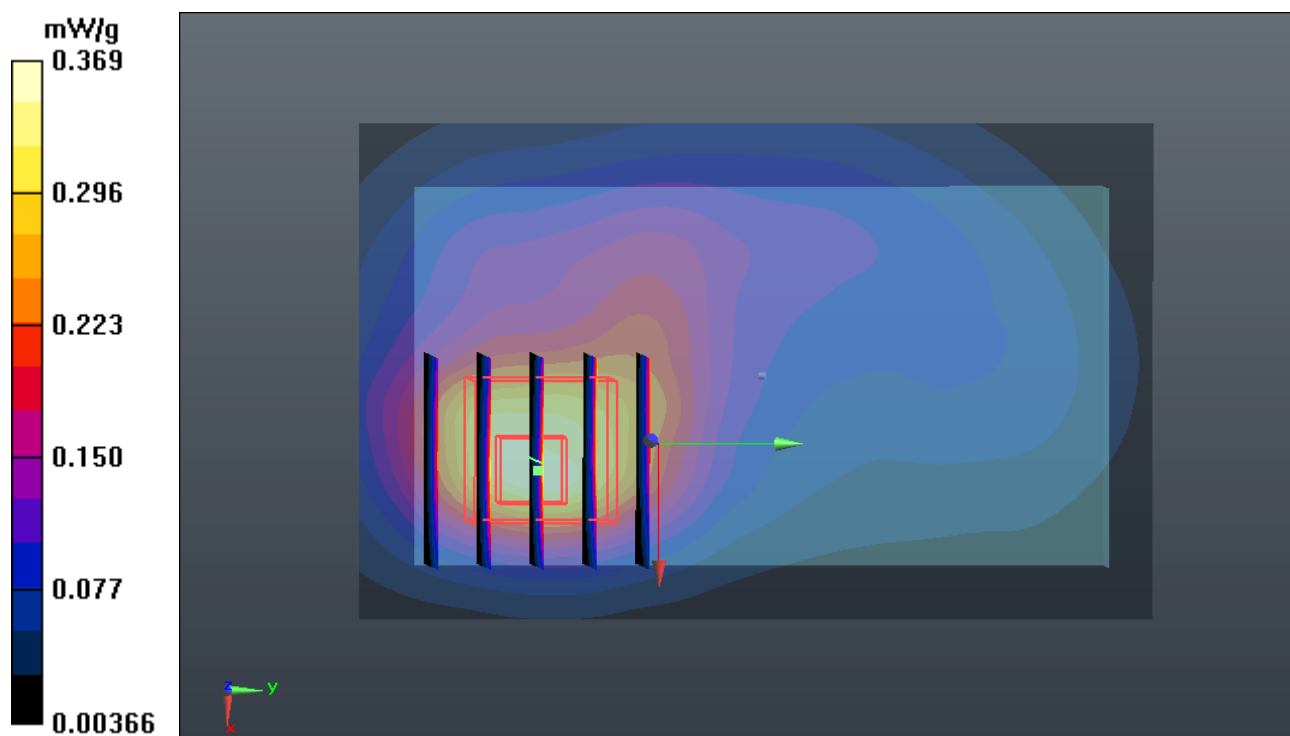
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.203 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.376 mW/g



#15 WCDMA V_RMC 12.2K_Front_1.0cm_Ch4132

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r =$

54.473 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.598 mW/g

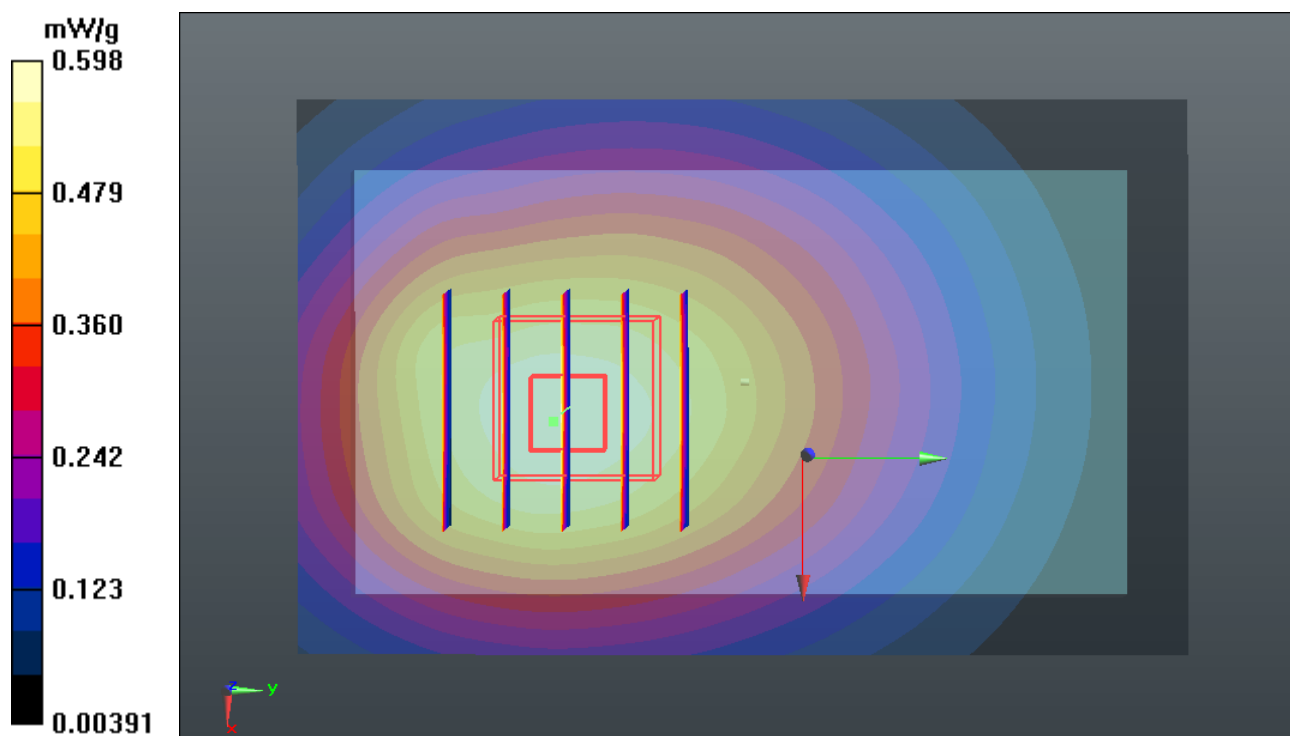
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.579 V/m ; Power Drift = -0.0027 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.564 mW/g ; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.596 mW/g



#16 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4132

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

54.473; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.818 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.230 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.791 mW/g

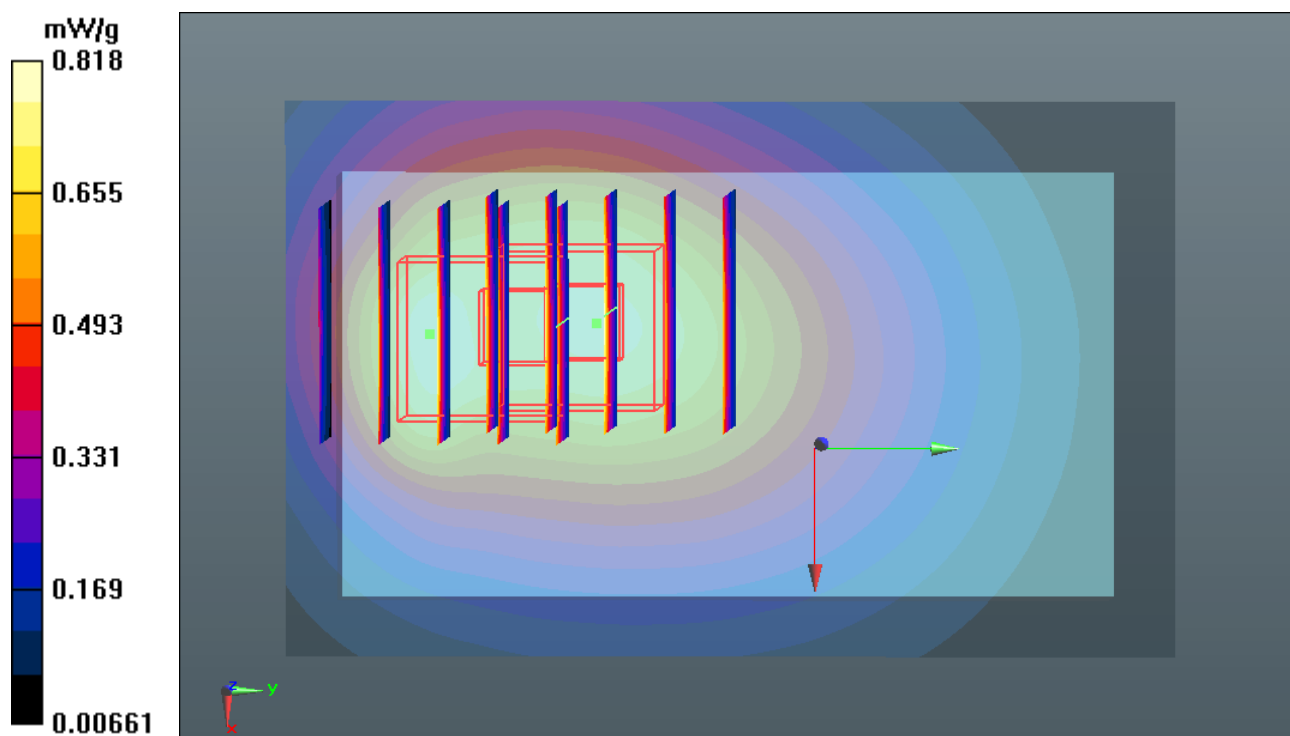
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.230 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.004 W/kg

SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.526 mW/g

Maximum value of SAR (measured) = 0.789 mW/g



#16 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4132_2D

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

54.473; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.818 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.230 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.791 mW/g

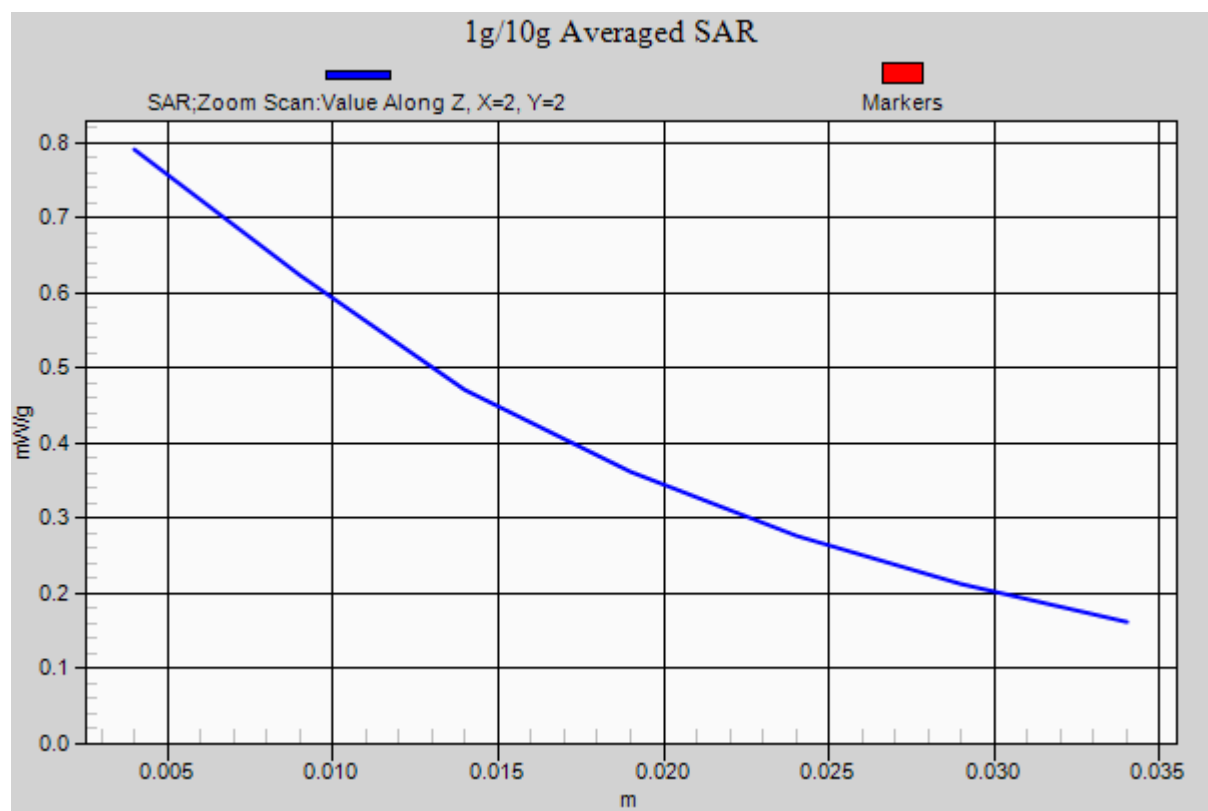
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.230 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.004 W/kg

SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.526 mW/g

Maximum value of SAR (measured) = 0.789 mW/g



#17 WCDMA V_RMC 12.2K_Left Side_1.0cm_Ch4132

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

54.473 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (31x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.581 mW/g

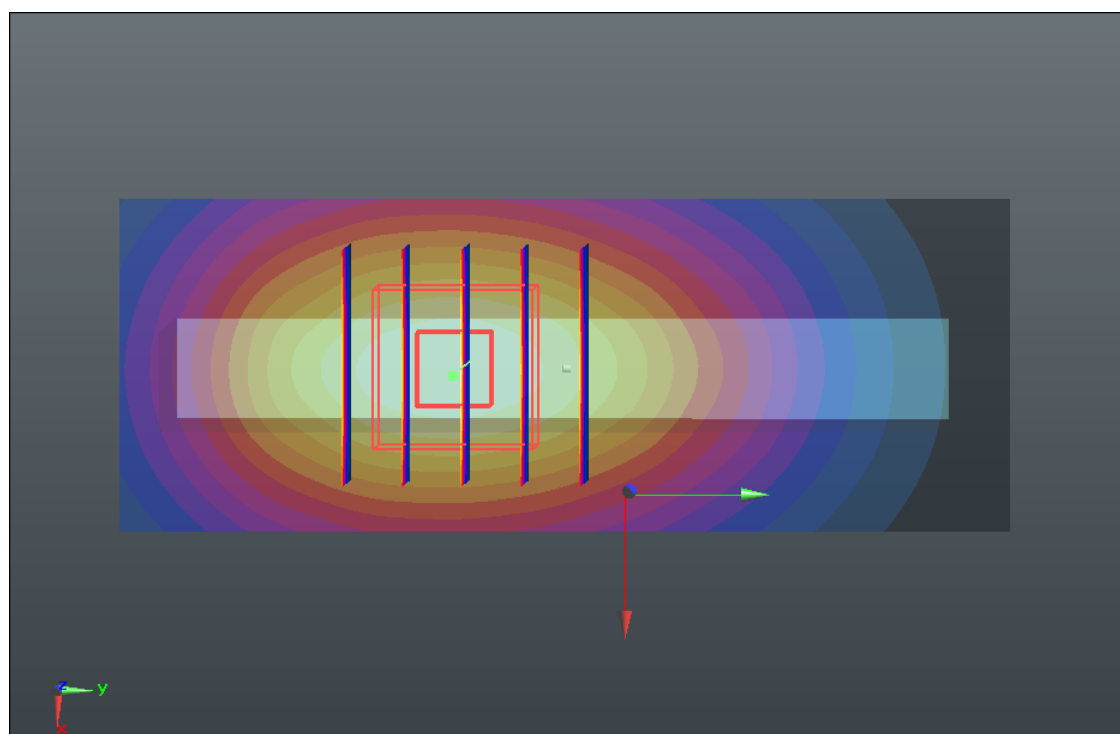
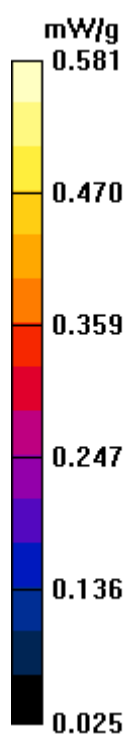
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.600 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.587 mW/g



#18 WCDMA V_RMC 12.2K_Right Side_1.0cm_Ch4132

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

54.473 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (31x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.498 mW/g

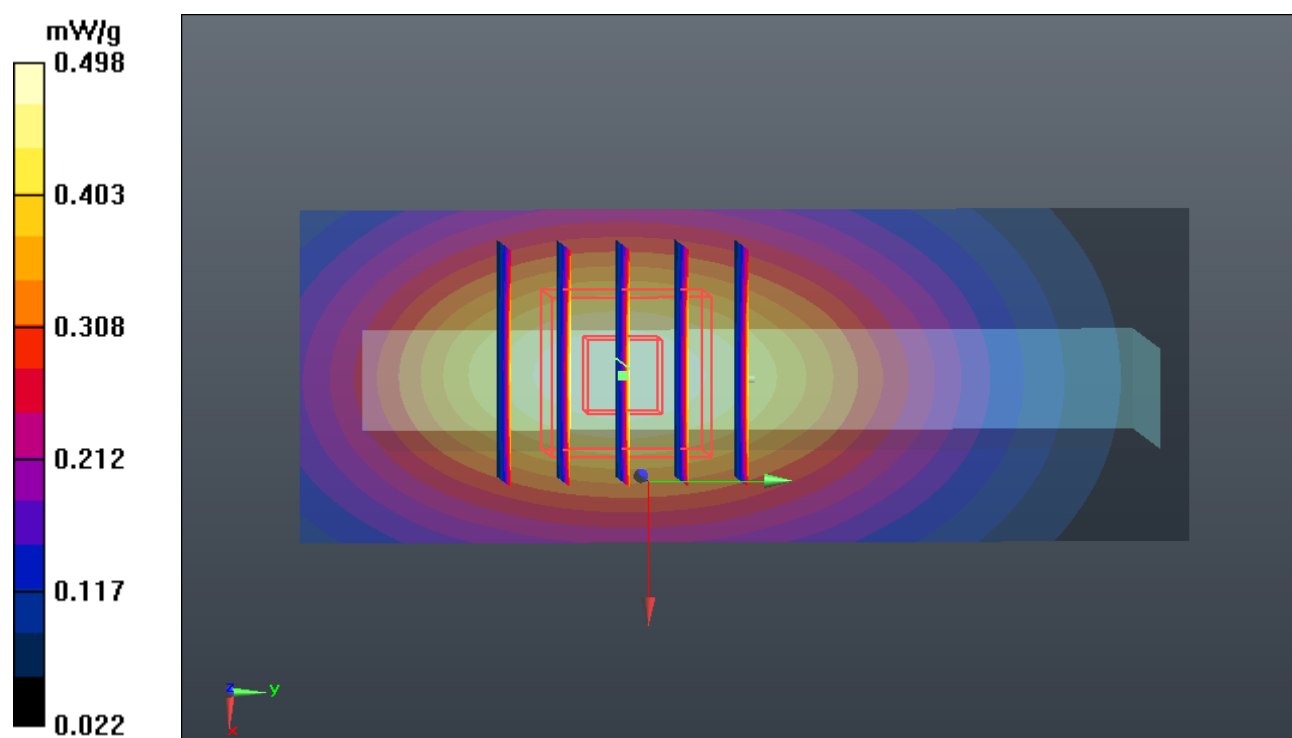
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.276 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.323 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



#19 WCDMA V_RMC 12.2K_Top Side_1.0cm_Ch4132

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

54.473; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.027 mW/g

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

Reference Value = 4.988 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.027 mW/g

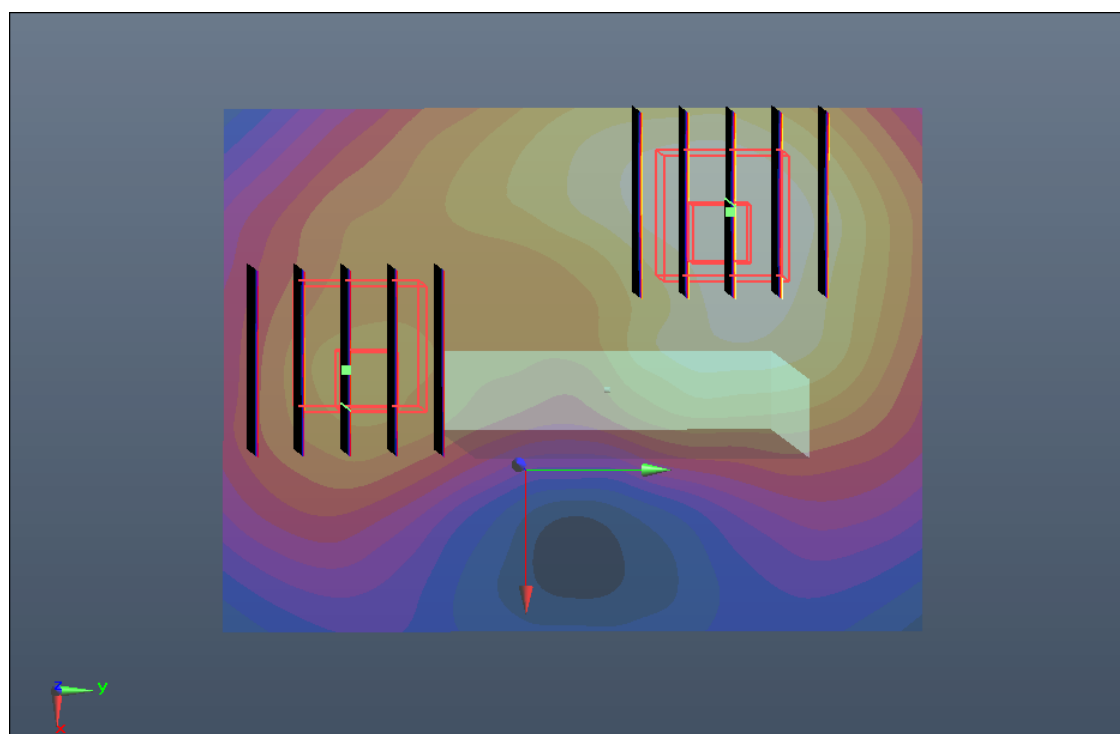
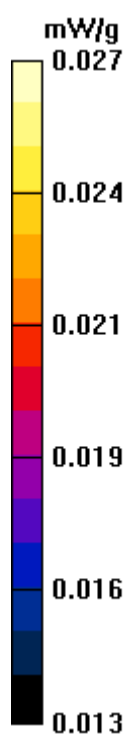
Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.988 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.030 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.024 mW/g



#20 WCDMA V_RMC 12.2K_Down Side_1.0cm_Ch4132

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r =$

54.473 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (31x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.098 mW/g

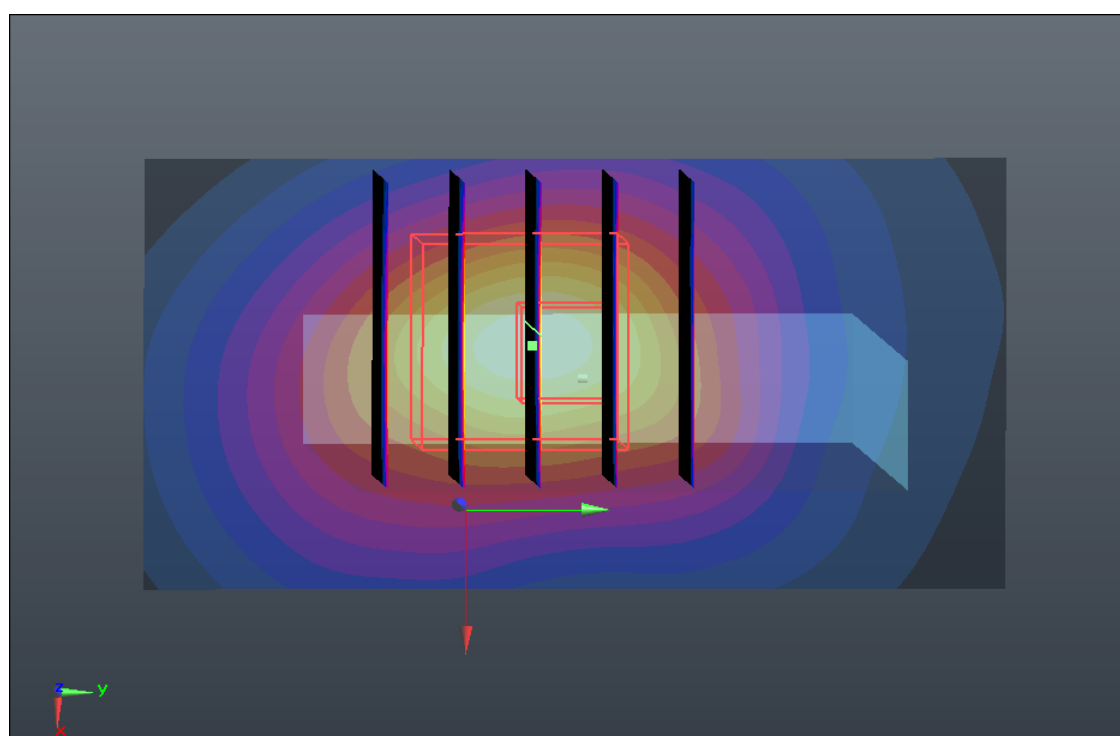
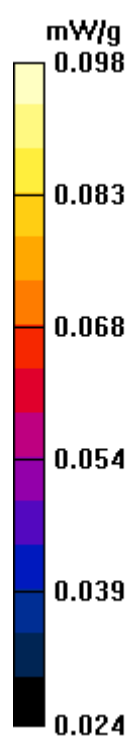
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.198 V/m ; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.091 mW/g ; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.096 mW/g



#21 WCDMA V_RMC 12.2K_Back_1.0cm_Ch4132_Earphone

DUT: 192004

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

Medium: MSL_835_111012 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r =$

54.473; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.822 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.343 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 0.737 mW/g

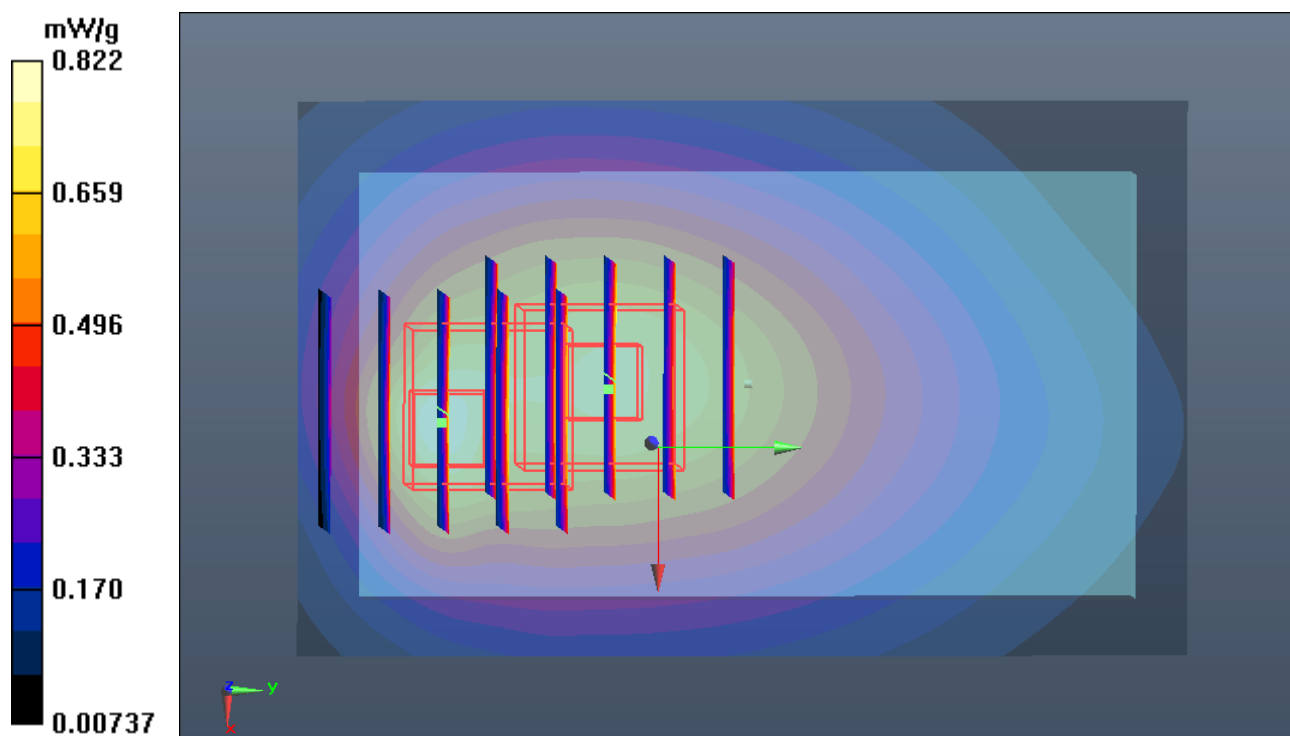
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.343 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.010 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 0.727 mW/g



#22 WCDMA II_RMC 12.2K_Front_1.0cm_Ch9262

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661; $\rho = 1000$ 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.476 mW/g

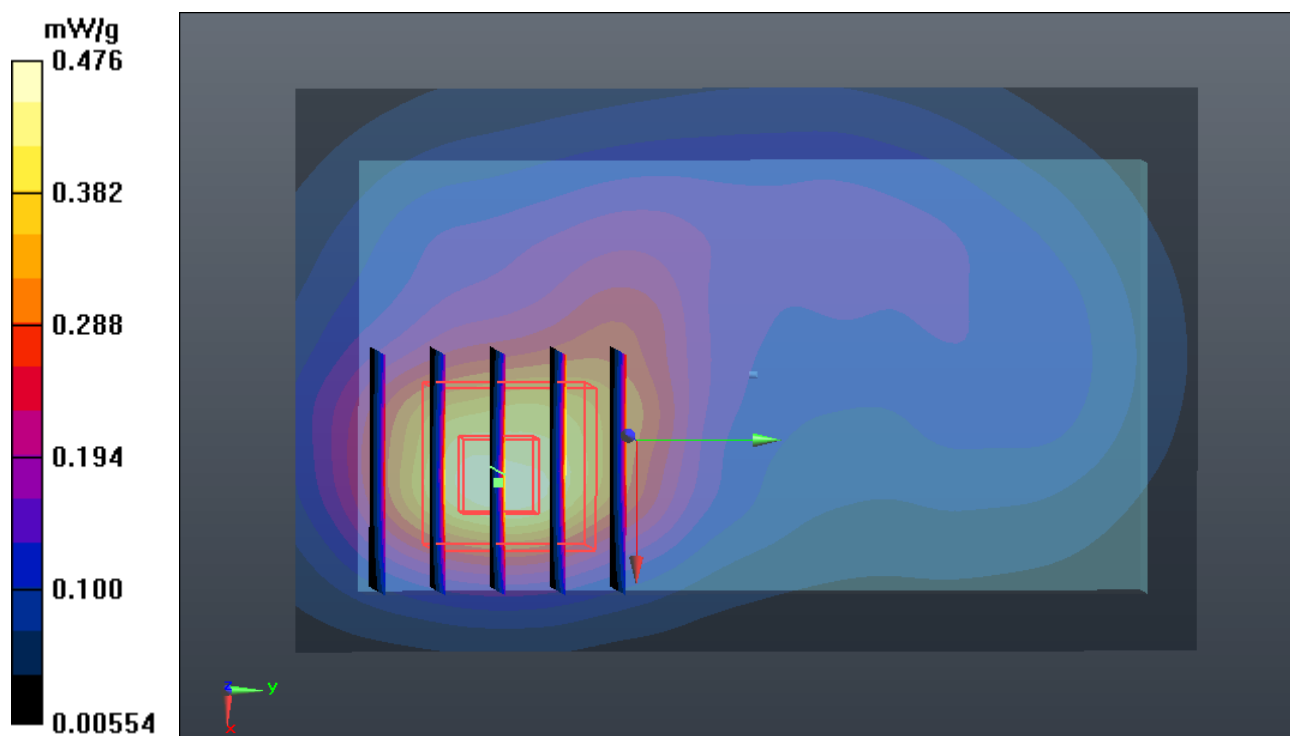
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.177 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.483 mW/g



#23 WCDMA II_RMC 12.2K_Back_1.0cm_Ch9262

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661 ; $\rho = 1000$ 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 (51x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.430 mW/g

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

Reference Value = 14.746 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.384 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.424 mW/g

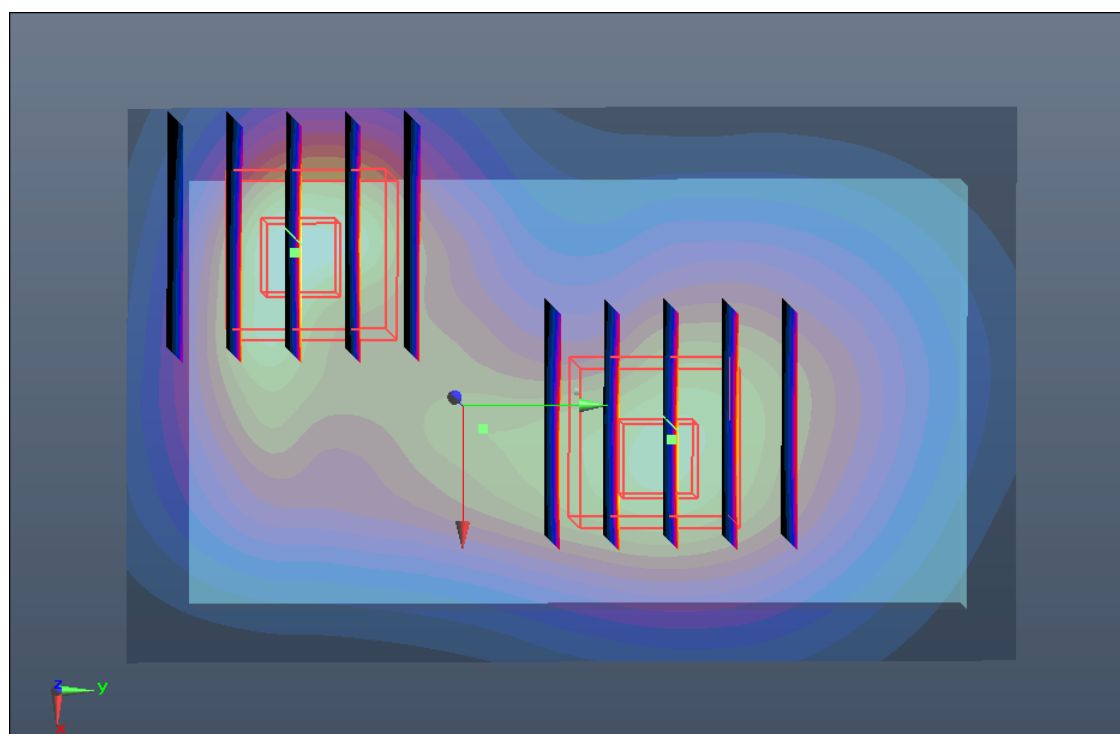
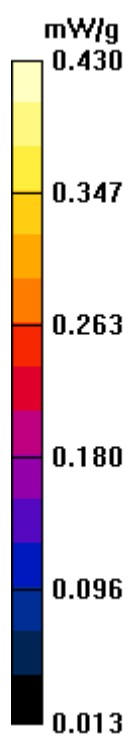
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.746 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.387 mW/g



#24 WCDMA II_RMC 12.2K_Left Side_1.0cm_Ch9262

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661; $\rho = 1000$ 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 (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.215 mW/g

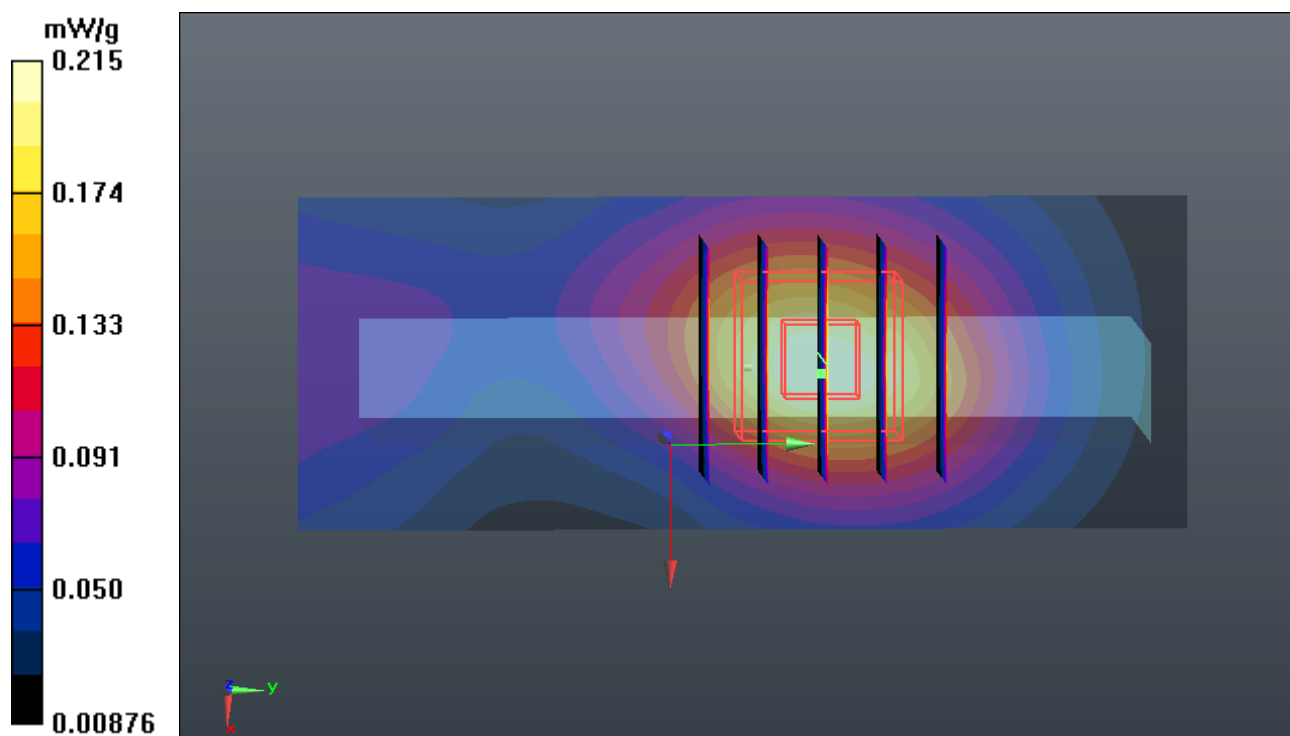
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.835 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



#25 WCDMA II_RMC 12.2K_Right Side_1.0cm_Ch9262

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661; $\rho = 1000$ 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 (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.204 mW/g

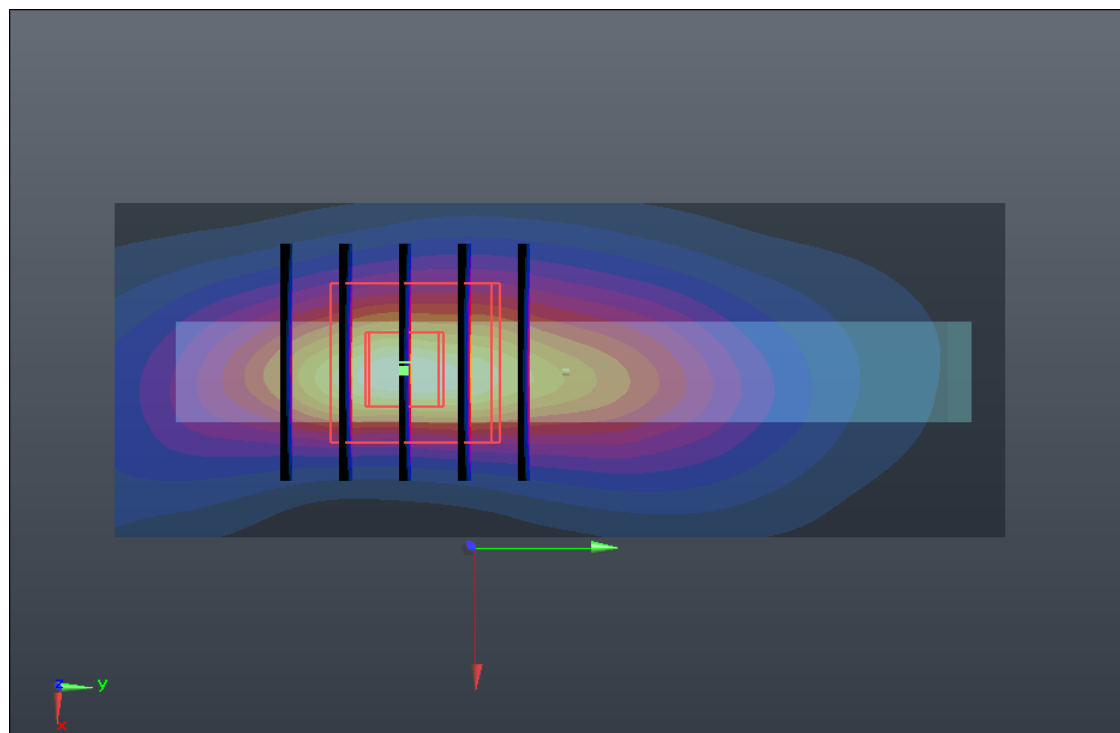
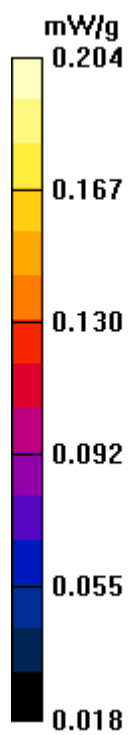
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.635 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



#26 WCDMA II_RMC 12.2K_Top Side_1.0cm_Ch9262

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661; $\rho = 1000$ 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.073 mW/g

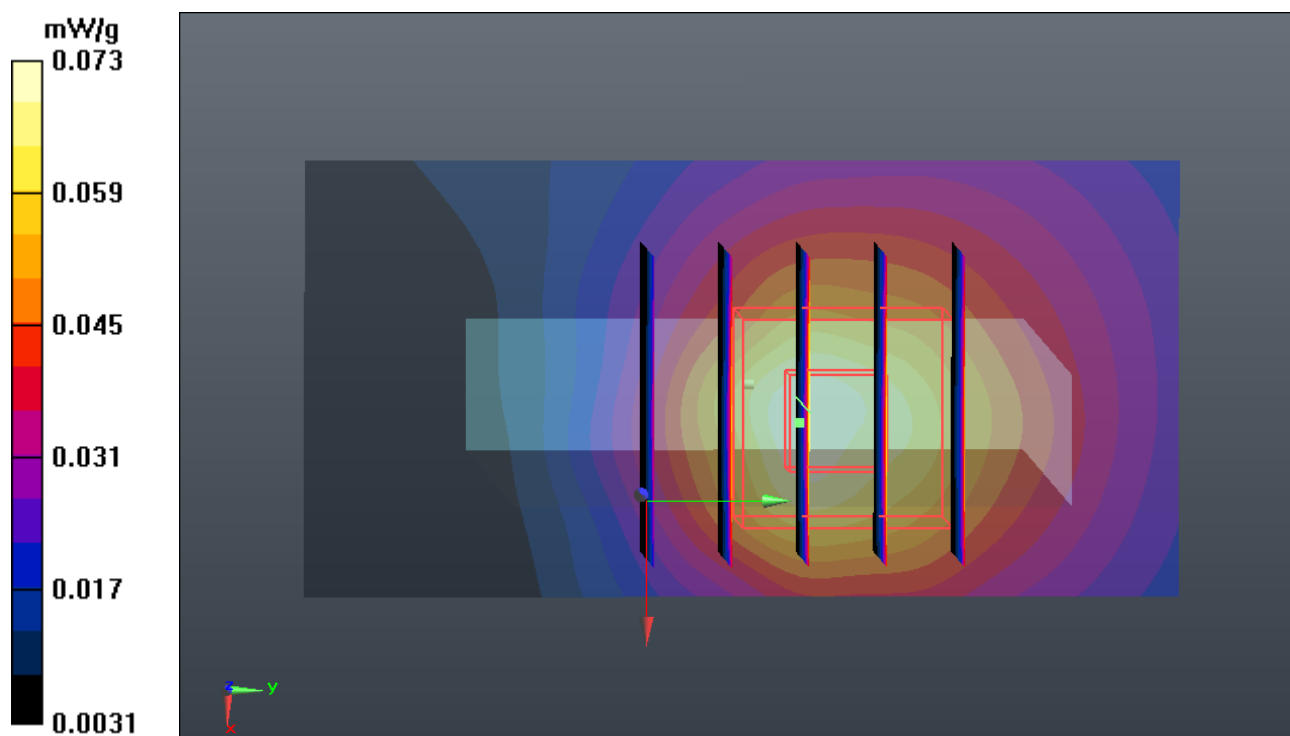
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.882 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.069 mW/g



#27 WCDMA II_RMC 12.2K_Down Side_1.0cm_Ch9262

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661; $\rho = 1000$ 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 (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.451 mW/g

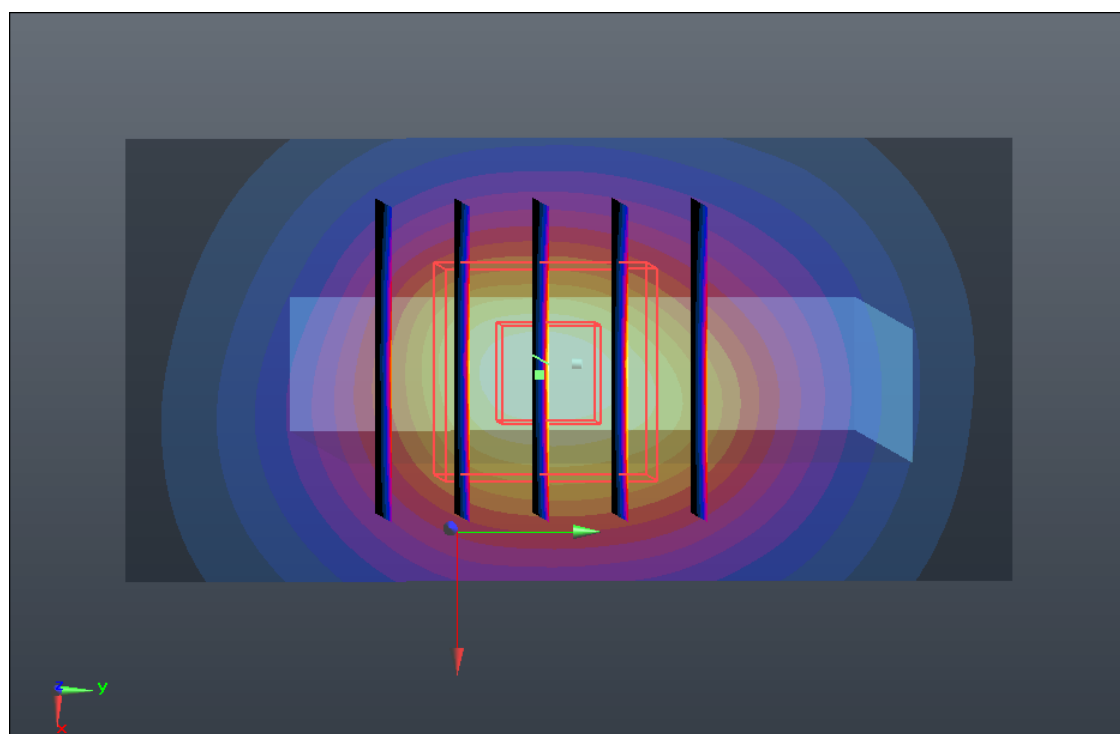
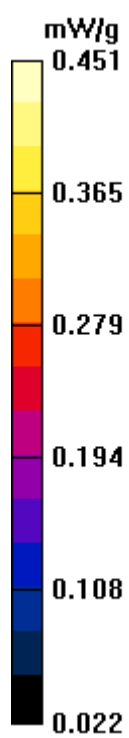
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.953 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.648 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.252 mW/g

Maximum value of SAR (measured) = 0.476 mW/g



#28 WCDMA II_RMC 12.2K_Front_1.0cm_Ch9262_Earphone

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.475 \text{ mho/m}$; $\epsilon_r =$

54.661 ; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

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 (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.502 mW/g

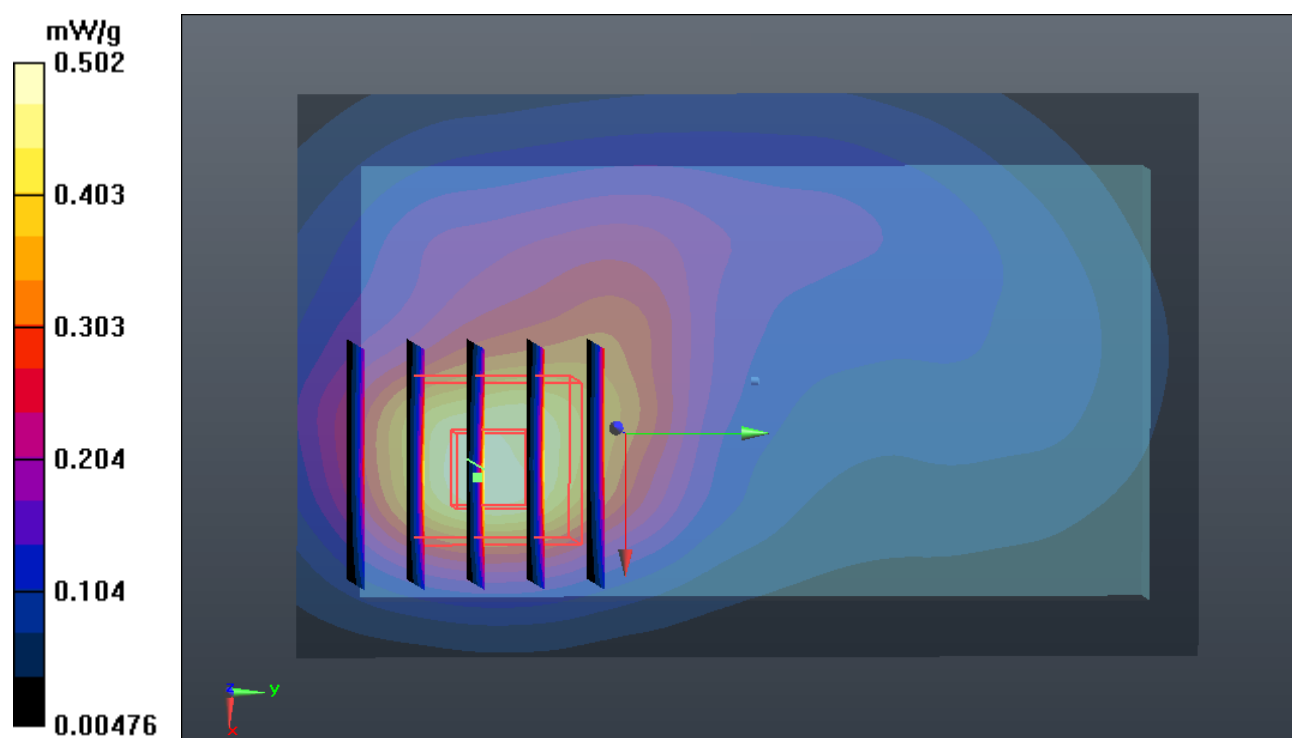
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.225 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.459 mW/g ; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.515 mW/g



#28 WCDMA II_RMC 12.2K_Front_1.0cm_Ch9262_Earphone_2D

DUT: 192004

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

Medium: MSL_1900_111012 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.661; $\rho = 1000$ 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.502 mW/g

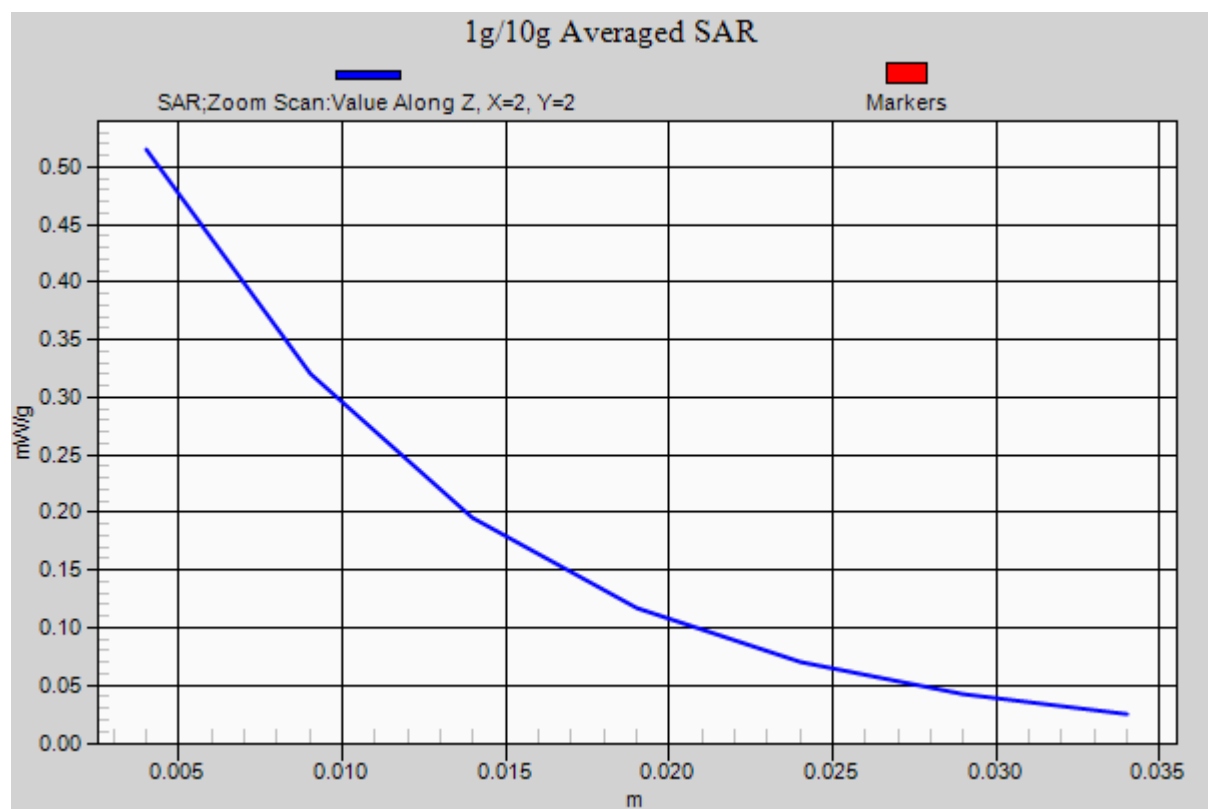
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.225 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.515 mW/g



#64 802.11b_Front_1.0cm_Ch1_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.023 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.258 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.022 mW/g

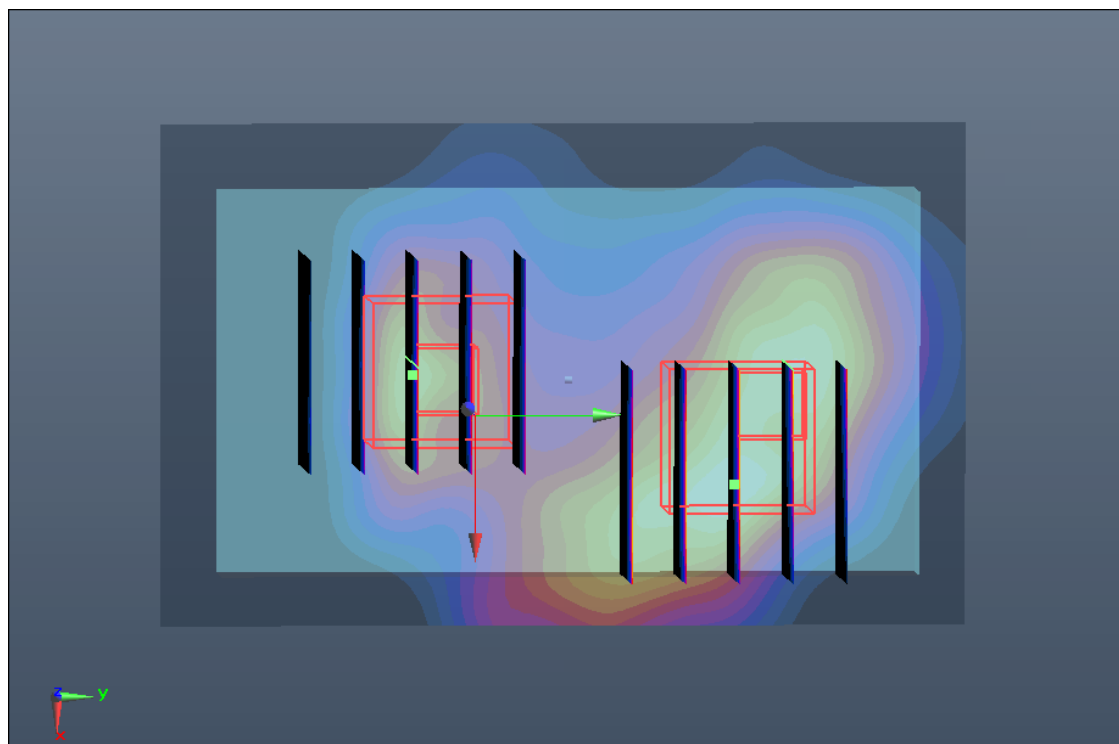
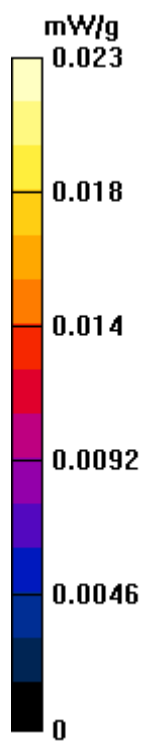
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.258 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00778 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



#65 802.11b_Back_1.0cm_Ch1_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.102 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.424 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.108 mW/g

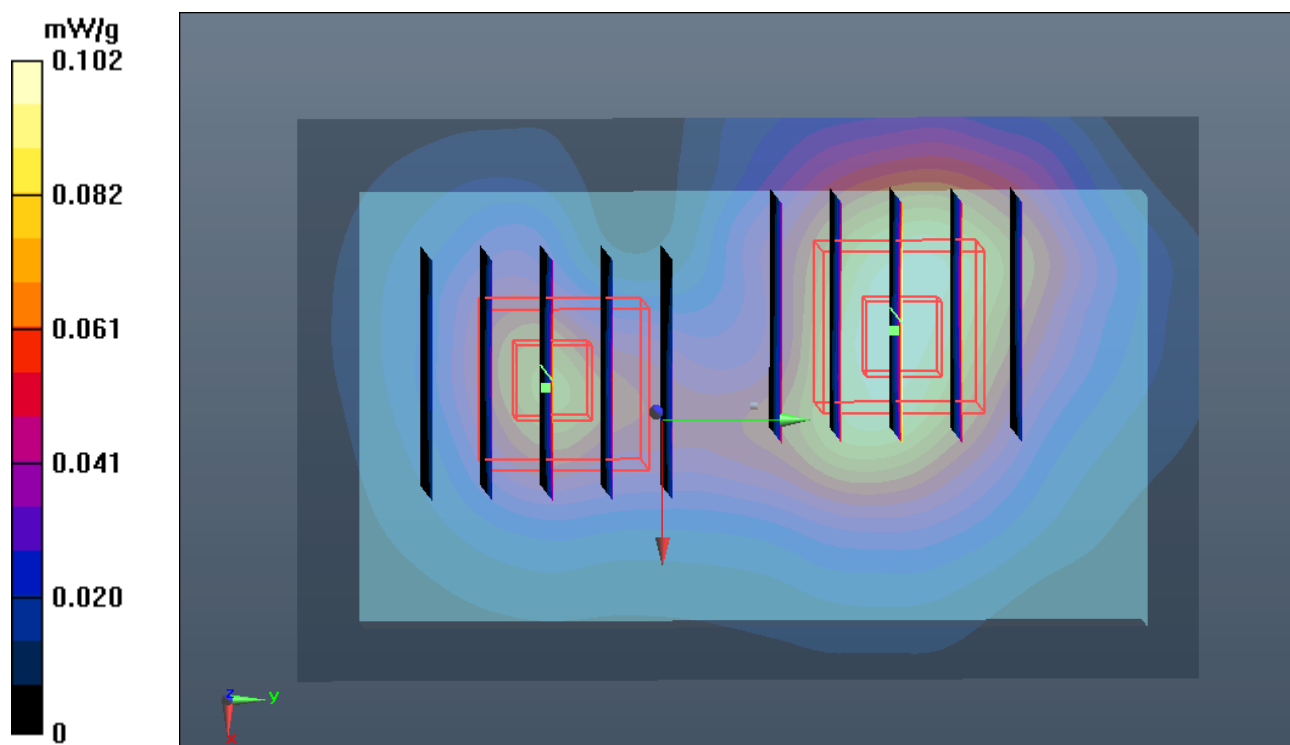
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.424 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



#65 802.11b_Back_1.0cm_Ch1_18_2D

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.102 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.424 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.108 mW/g

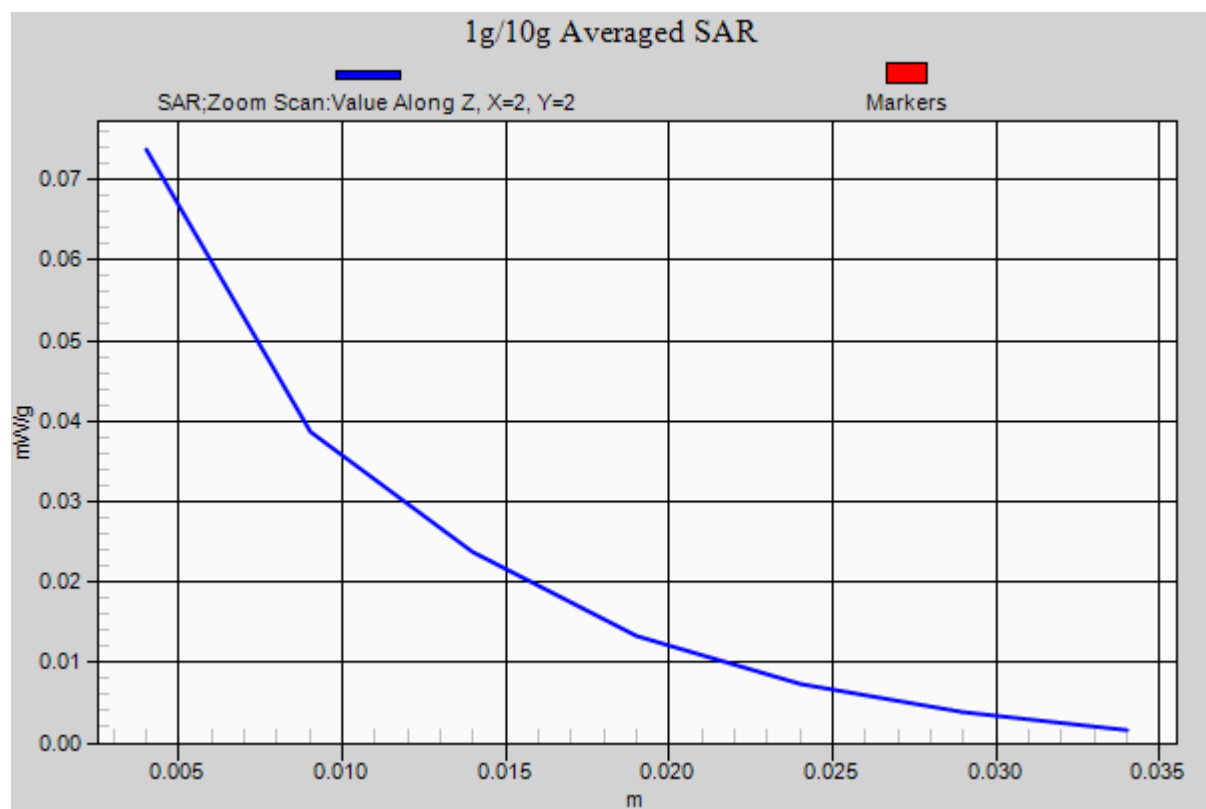
Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.424 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.074 mW/g



#66 802.11b_Left Side_1.0cm_Ch1_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$ 53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.012 mW/g

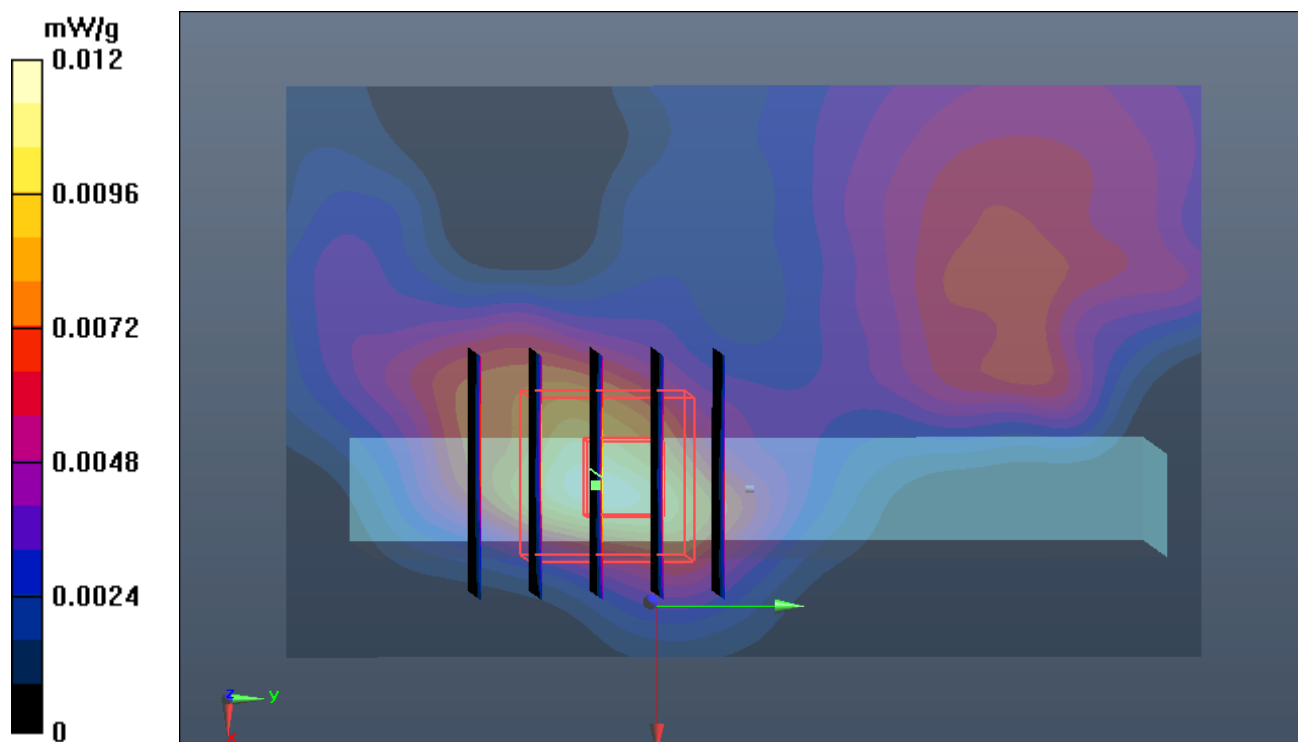
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.624 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.0099 mW/g; SAR(10 g) = 0.00453 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



#67 802.11b_Right Side_1.0cm_Ch1_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.089 mW/g

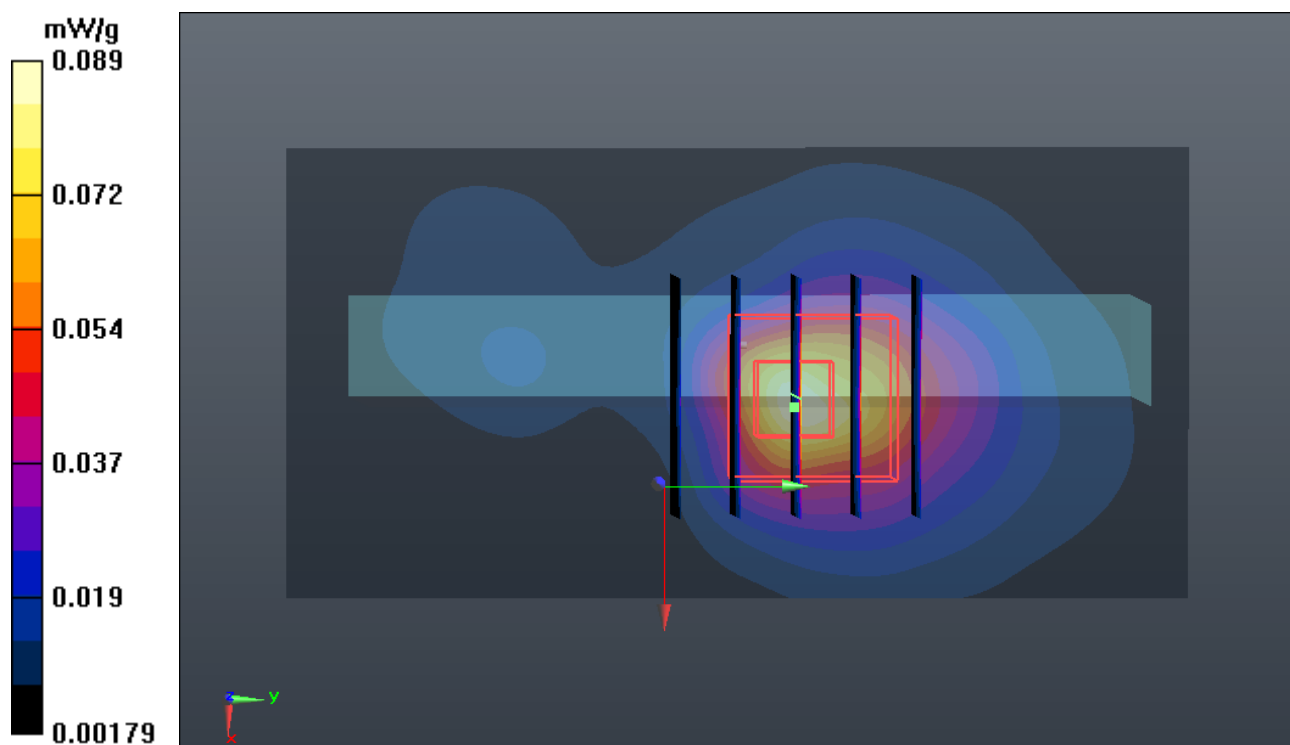
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.858 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.079 mW/g



#68 802.11b_Top Side_1.0cm_Ch1_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.012 mW/g

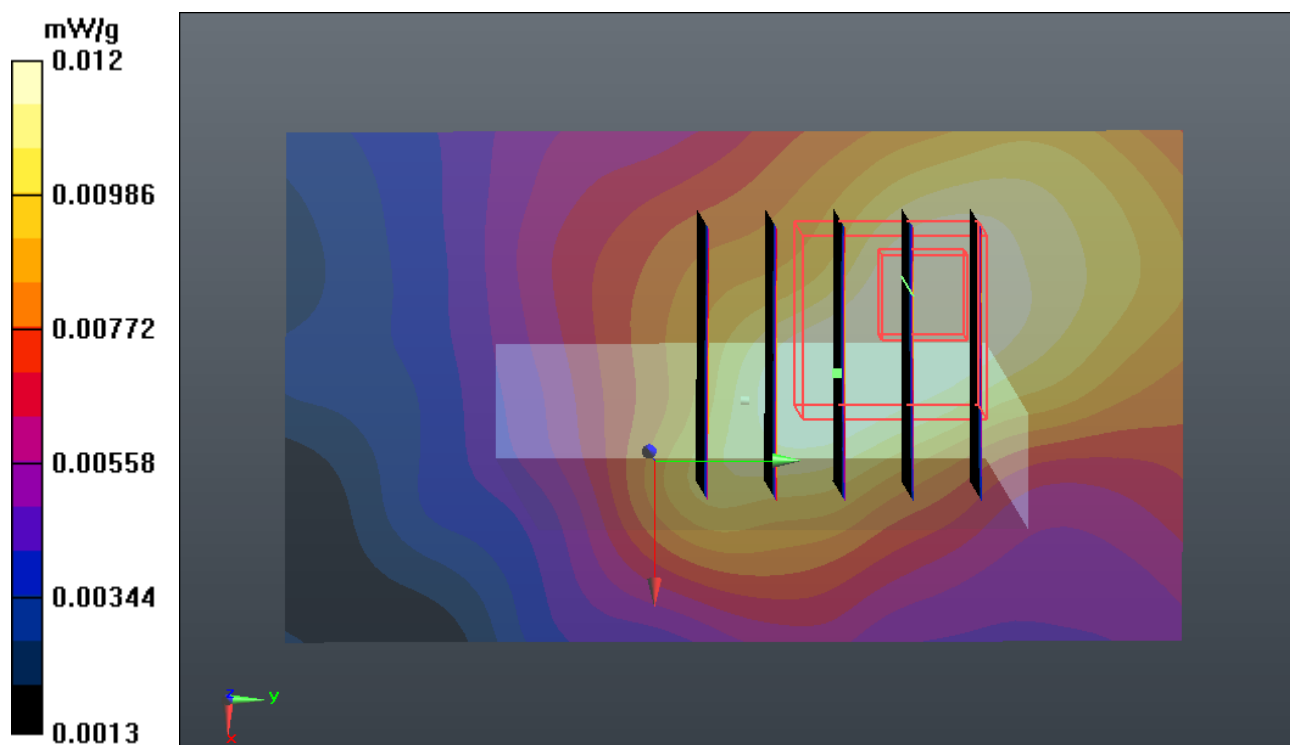
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.450 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.00938 mW/g; SAR(10 g) = 0.00479 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



#69 802.11b_Down Side_1.0cm_Ch1_18

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.00987 mW/g

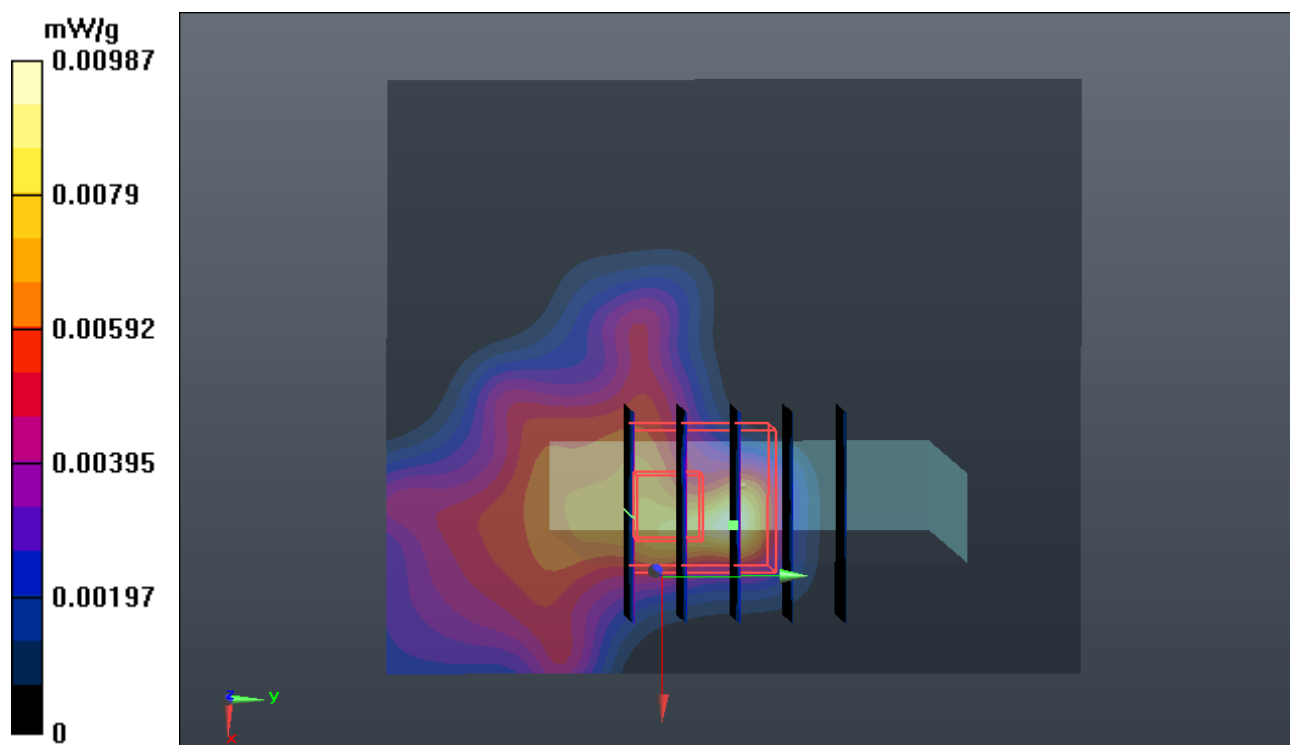
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.640 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.011 W/kg

SAR(1 g) = 0.00525 mW/g; SAR(10 g) = 0.00237 mW/g

Maximum value of SAR (measured) = 0.00616 mW/g



#70 802.11b_Back_1.0cm_Ch1_18_Earphone

DUT: 192004

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.933$ mho/m; $\epsilon_r =$

53.535; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.082 mW/g

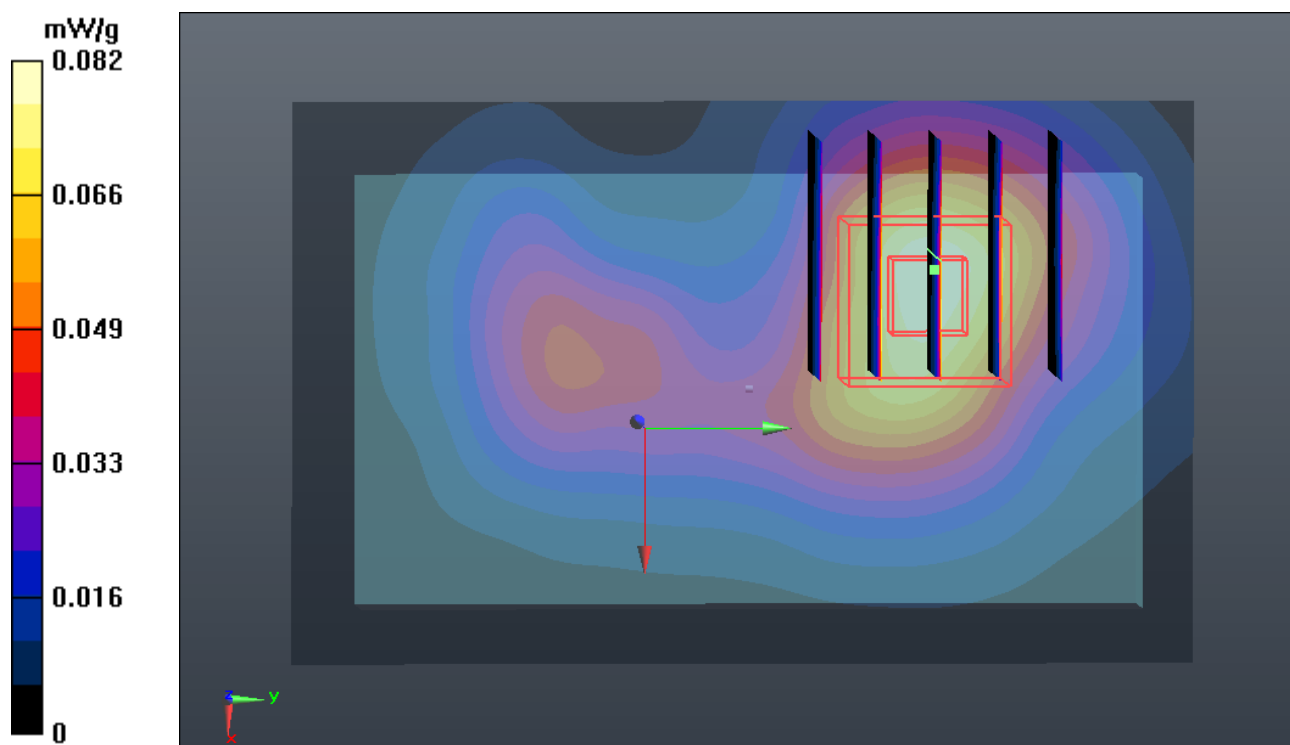
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.407 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.080 mW/g



#71 Bluetooth_Back_1.0cm_Ch39_DH5**DUT: 192004**

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: MSL_2450_111014 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.983$ mho/m; $\epsilon_r =$

53.48; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); 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)

Ch39/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0 mW/g

