



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#09 GSM850_Right Cheek_Ch251

DUT: 1D2304

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

Medium: HSL_850_111227 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 : 23.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); 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) = 0.371 mW/g

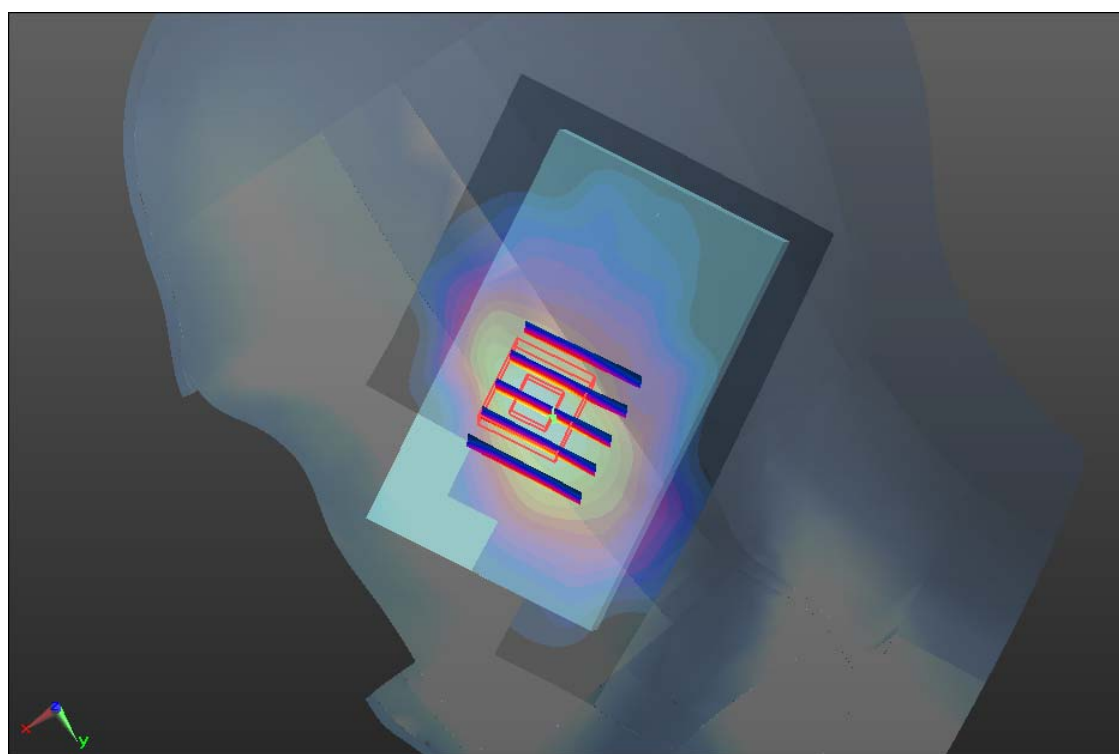
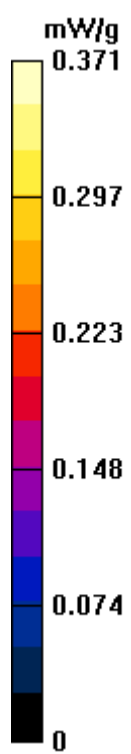
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.802 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.337 mW/g ; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.356 mW/g



#09 GSM850_Right Cheek_Ch251_2D

DUT: 1D2304

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

Medium: HSL_850_111227 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 : 23.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); 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) = 0.371 mW/g

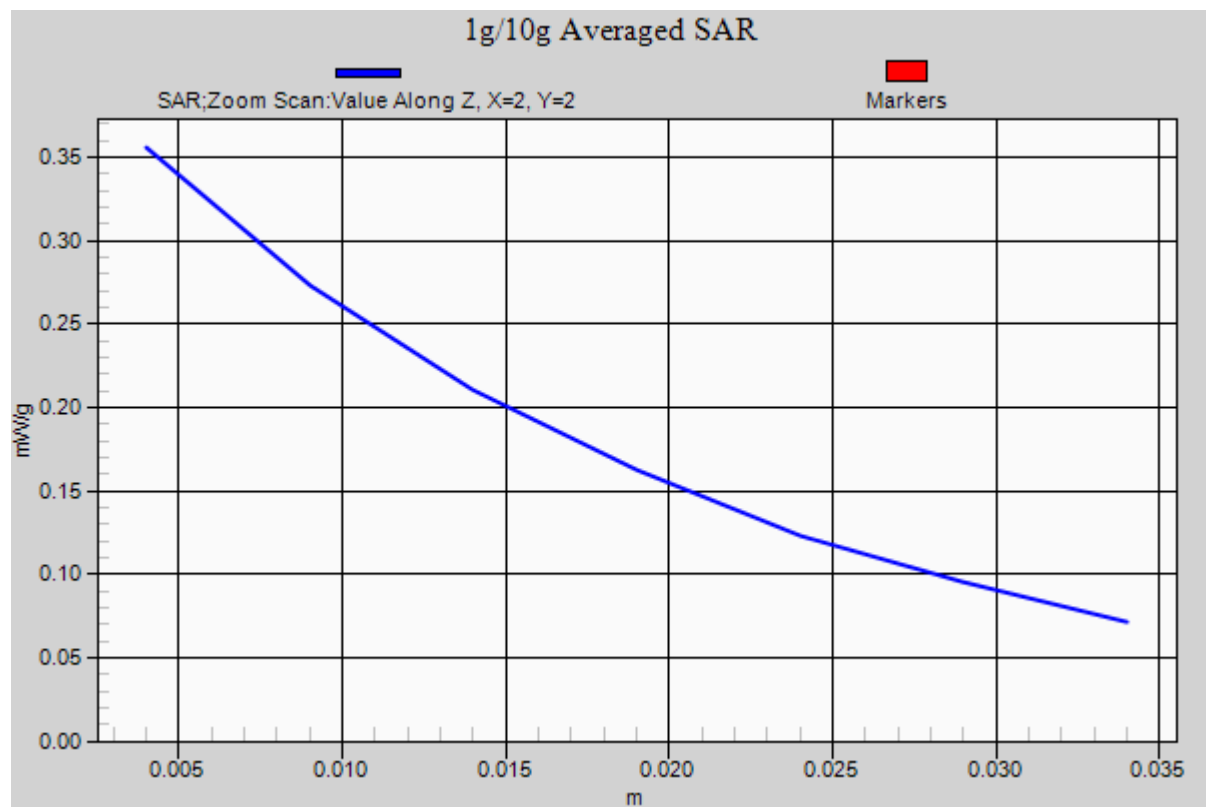
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.802 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.337 mW/g ; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.356 mW/g



#10 GSM850_Right Tilted_Ch251

DUT: 1D2304

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

Medium: HSL_850_111227 Medium parameters used: $f = 849$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.646$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.209 mW/g

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

Reference Value = 9.544 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.173 mW/g

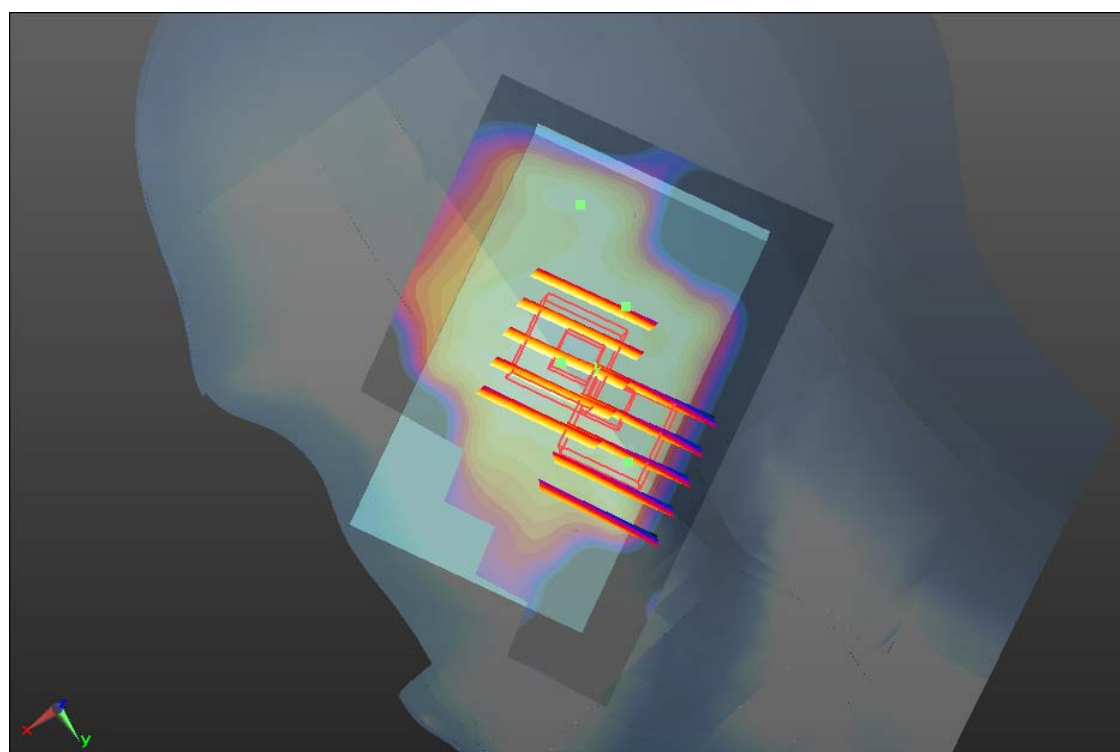
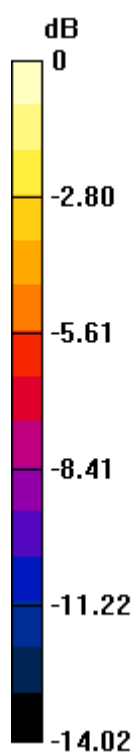
Maximum value of SAR (measured) = 0.235 mW/g

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

Reference Value = 9.544 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.125 mW/g



0 dB = 0.230mW/g

#11 GSM850_Left Cheek_Ch251

DUT: 1D2304

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

Medium: HSL_850_111227 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 : 23.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); 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) = 0.300 mW/g

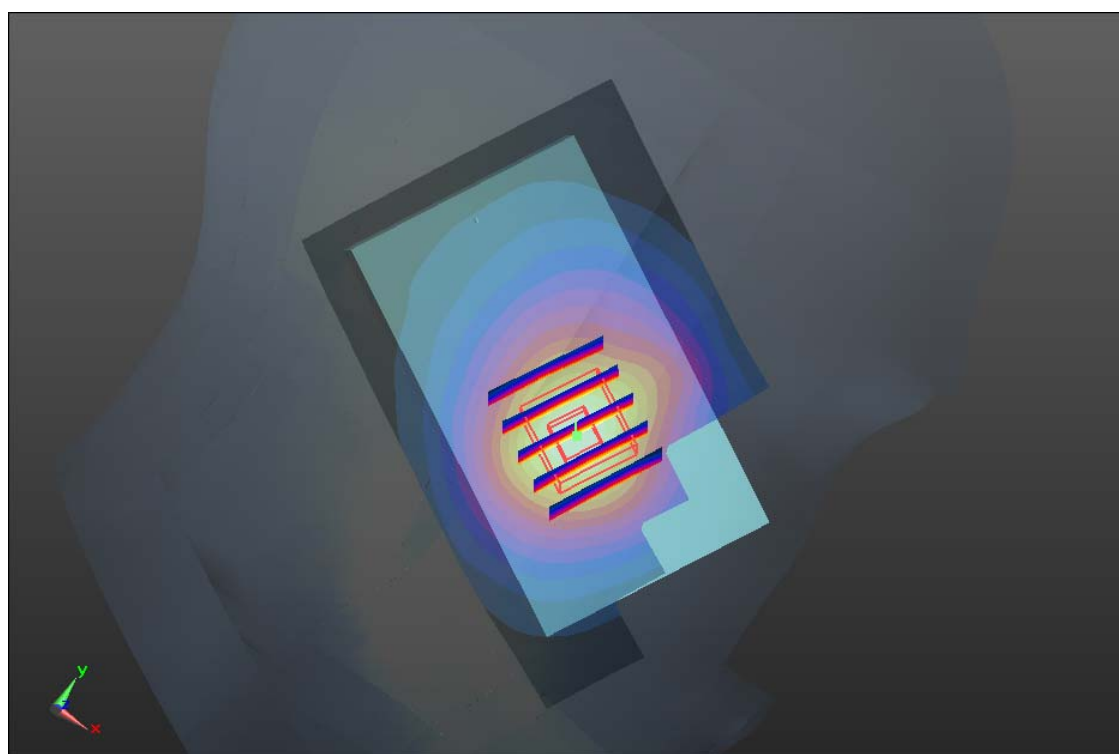
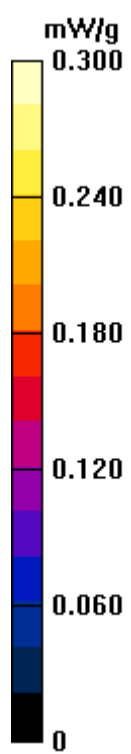
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.758 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.285 mW/g ; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



#12 GSM850_Left Tilted_Ch251

DUT: 1D2304

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

Medium: HSL_850_111227 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 : 23.4°C ; Liquid Temperature : 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); 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) = 0.248 mW/g

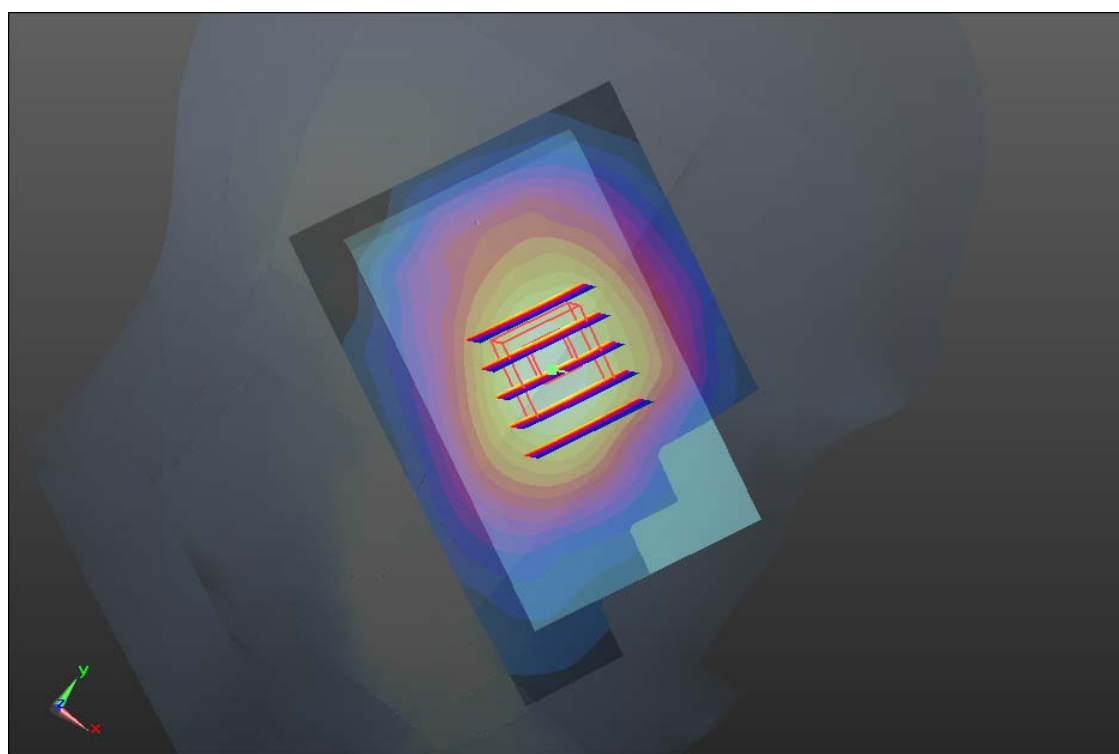
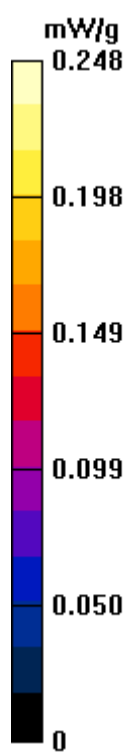
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.348 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.238 mW/g ; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.250 mW/g



#03 GSM1900_Right Cheek_Ch661

DUT: 1D2304

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.352 mW/g

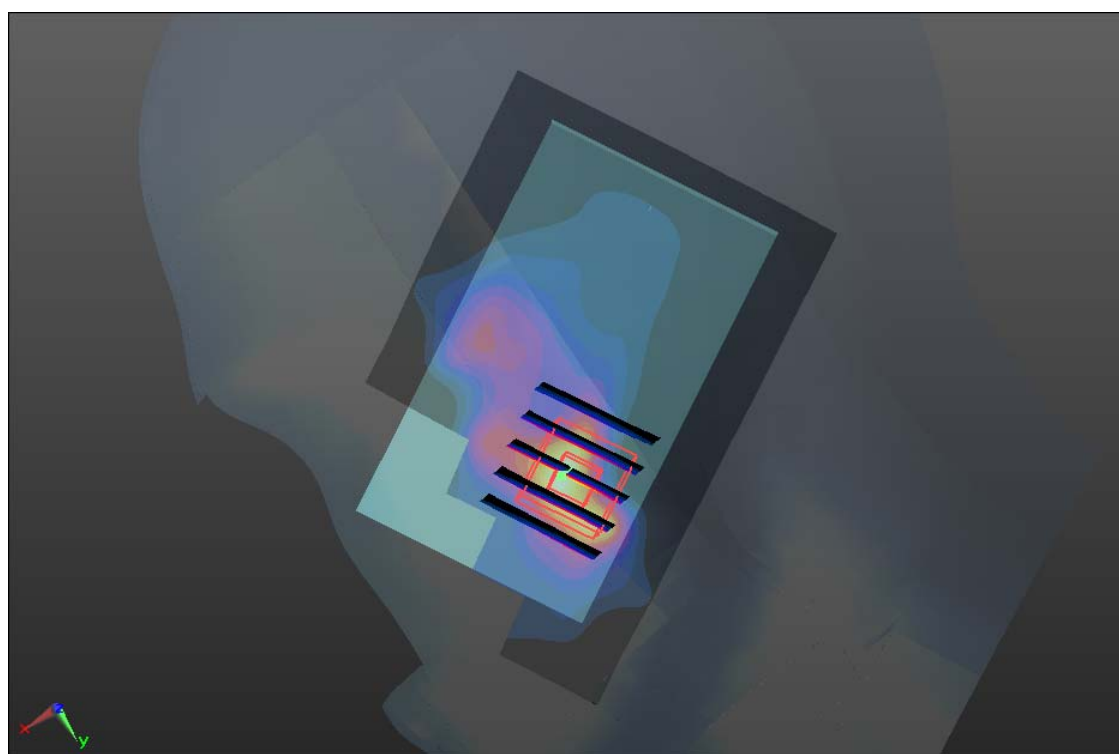
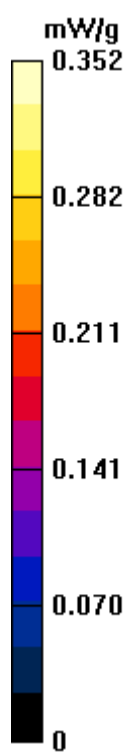
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.313 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.313 mW/g



#03 GSM1900_Right Cheek_Ch661_2D

DUT: 1D2304

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.352 mW/g

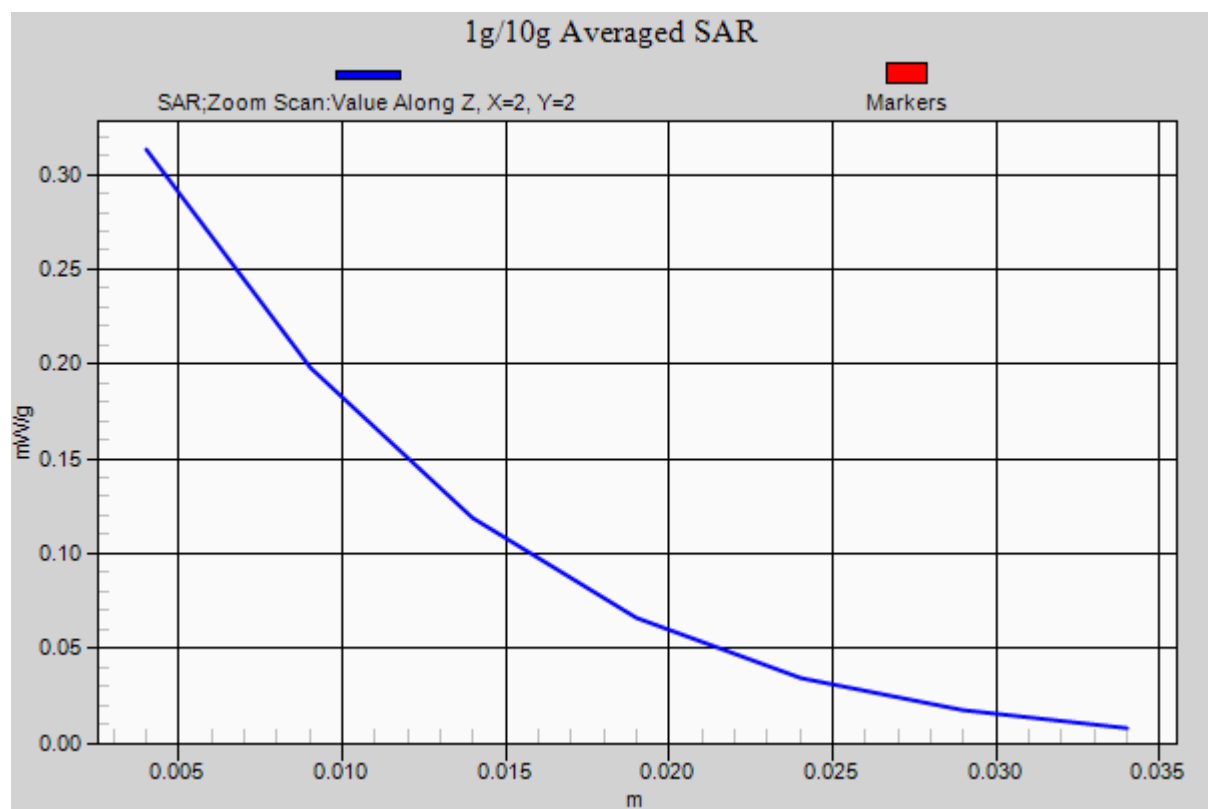
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.313 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.313 mW/g



#04 GSM1900_Right Tilted_Ch661

DUT: 1D2304

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.139 mW/g

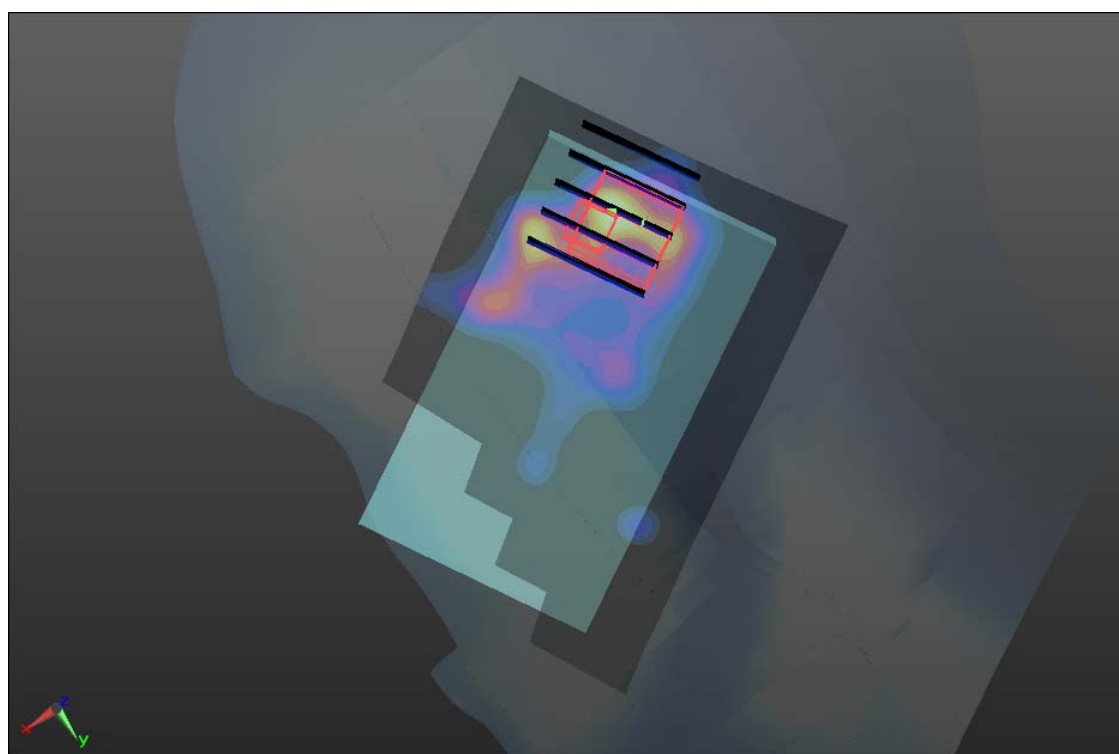
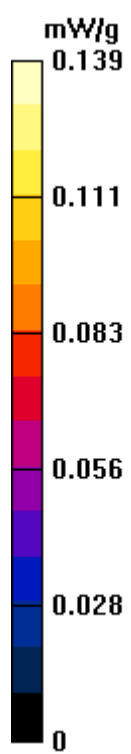
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.176 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



#05 GSM1900_Left Cheek_Ch661

DUT: 1D2304

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.476 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.225 mW/g

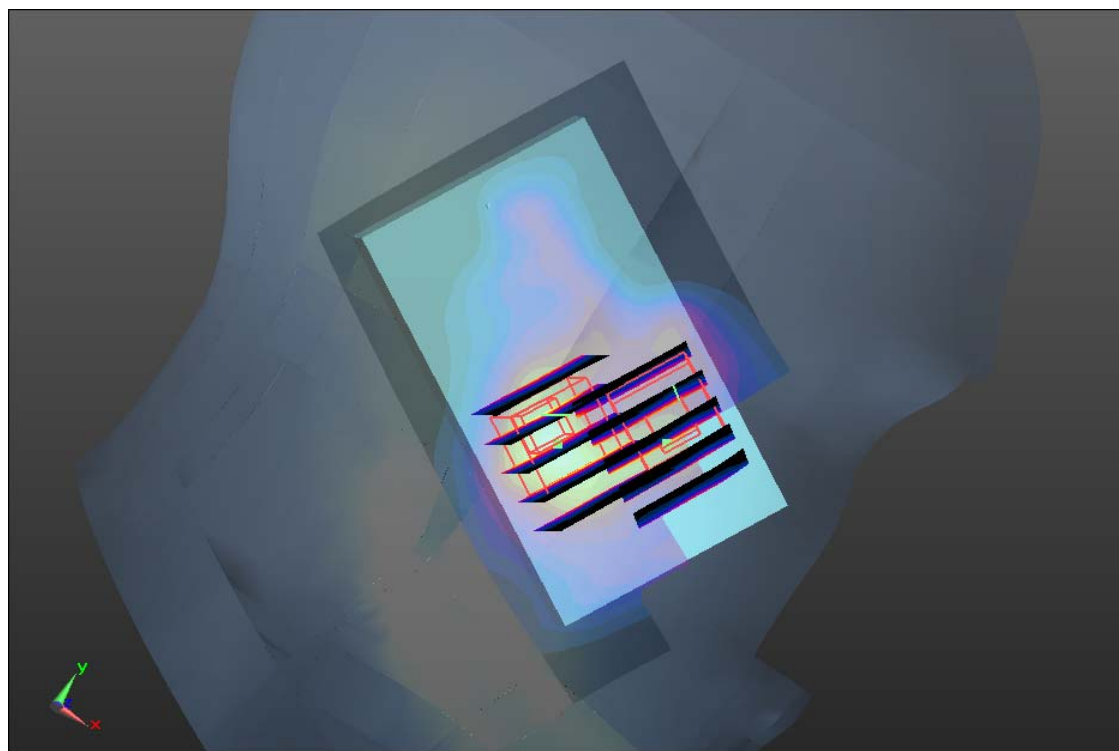
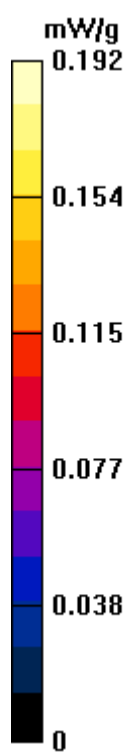
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.476 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



#06 GSM1900_Left Tilted_Ch661

DUT: 1D2304

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$

41.184; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.094 mW/g

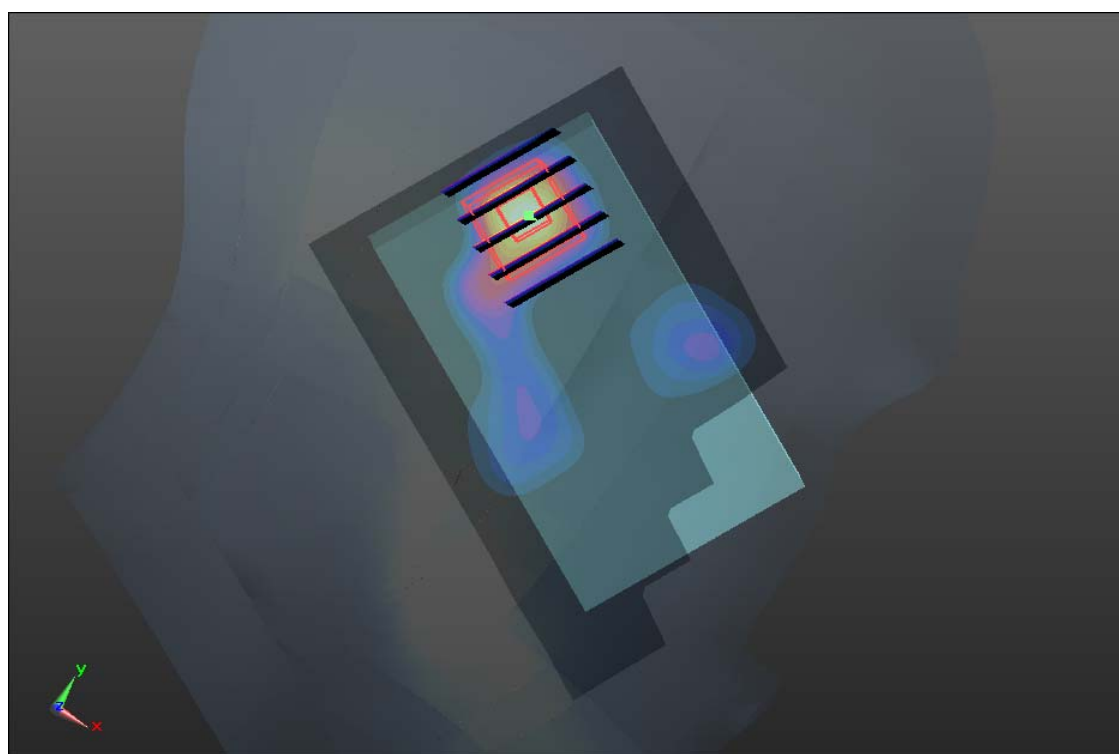
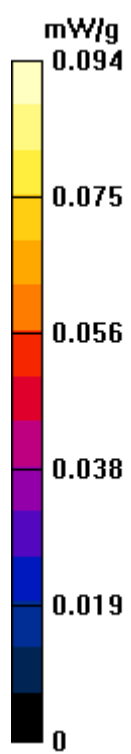
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.343 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



#13 802.11b_Right Cheek_Ch6**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r =$

37.736; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

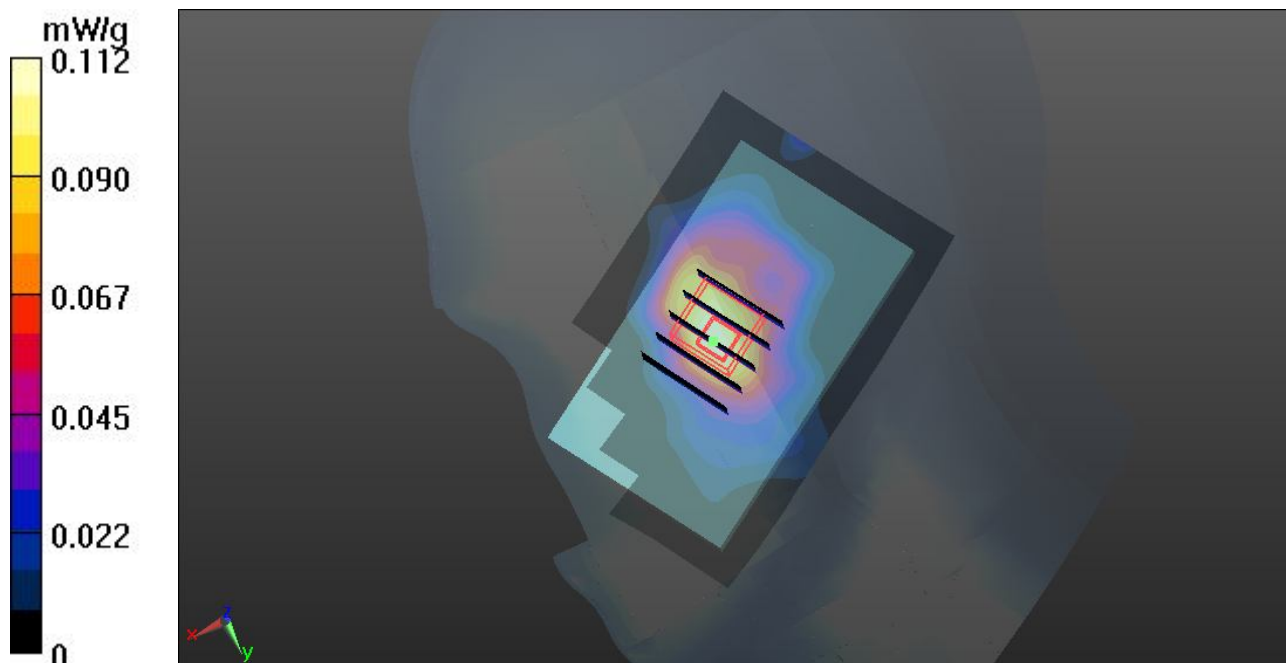
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.773 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.2870

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



#13 802.11b_Right Cheek_Ch6_2D**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r =$

37.736 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.112 mW/g

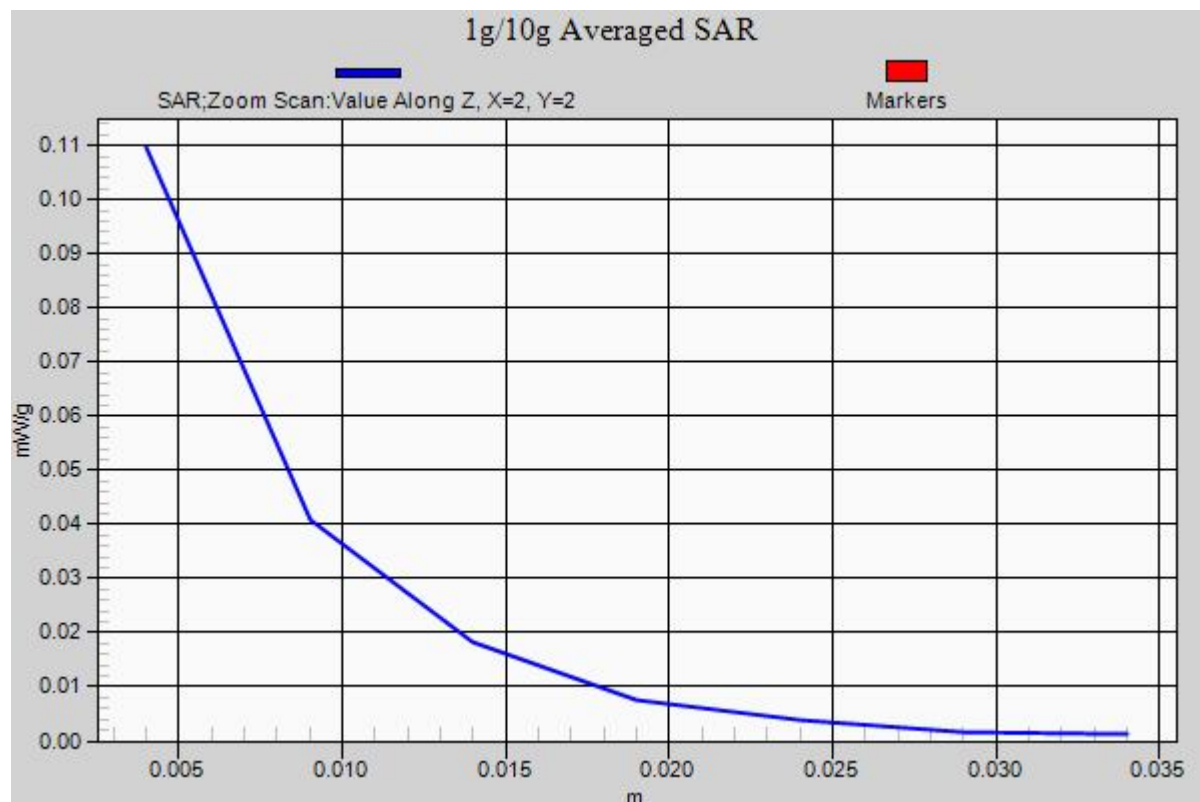
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.773 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.2870

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



#14 802.11b_Right Tilted_Ch6**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r =$

37.736 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.020 mW/g

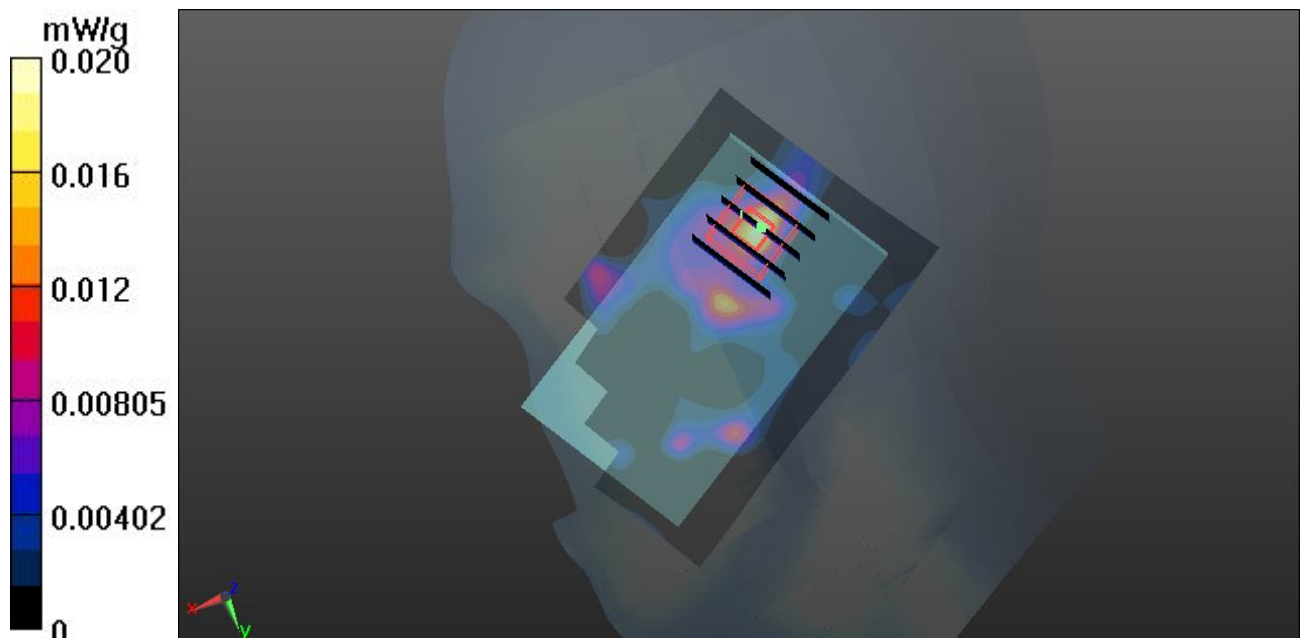
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.312 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0360

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00437 mW/g

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



#15 802.11b_Left Cheek_Ch6**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r =$

37.736 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.104 mW/g

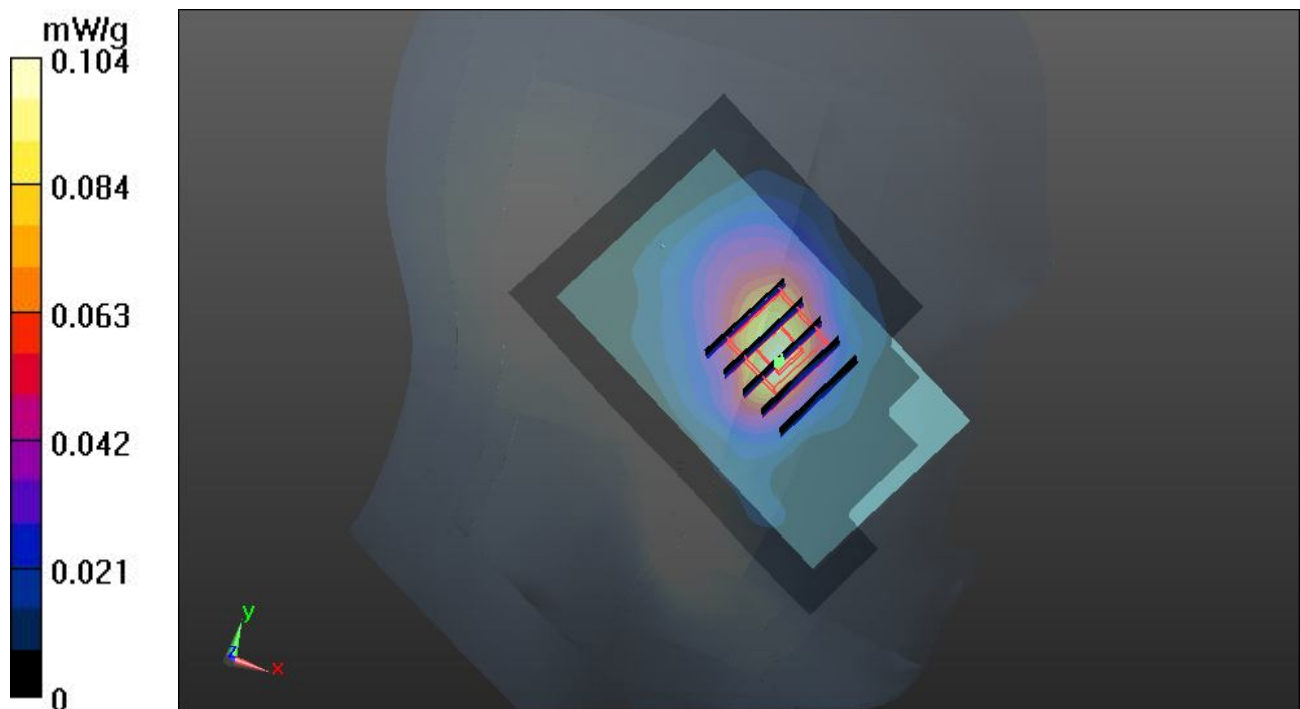
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.443 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.2430

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



#16 802.11b_Left Tilted_Ch6**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r =$

37.736 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

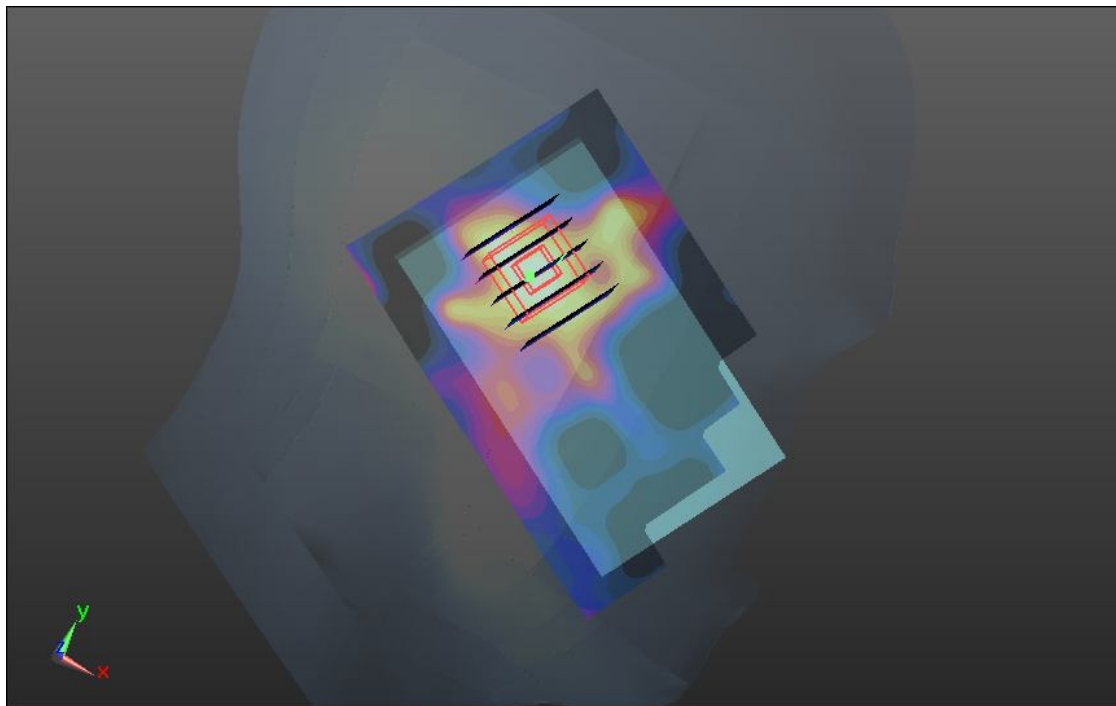
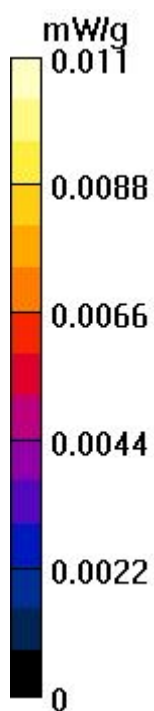
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.895 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0270

SAR(1 g) = 0.00852 mW/g; SAR(10 g) = 0.00371 mW/g

Maximum value of SAR (measured) = 0.00884 mW/g



#01 GSM850_GPRS12_Face_1.5cm_Ch251

DUT: 1D2304

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

Medium: MSL_850_111227 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.278$;

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

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); 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) = 0.242 mW/g

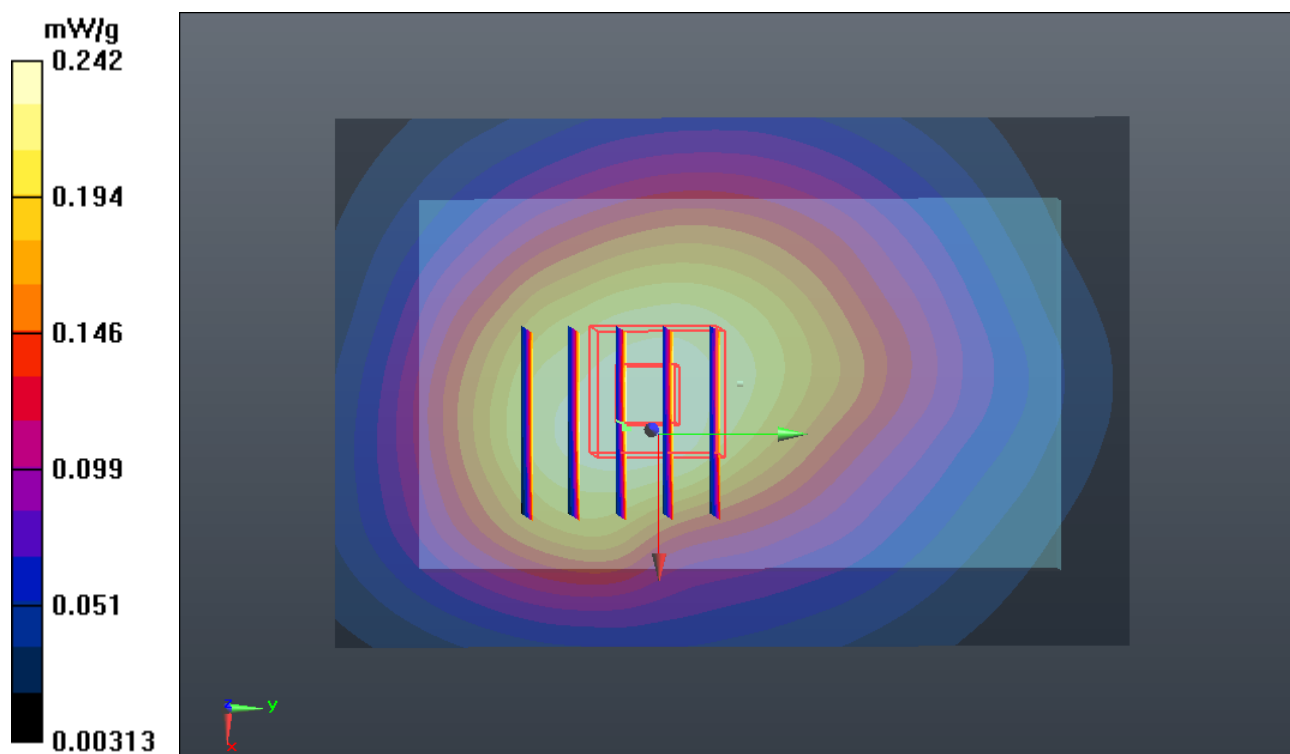
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.502 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.240 mW/g ; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.250 mW/g



#02 GSM850_GPRS12_Bottom_1.5cm_Ch251

DUT: 1D2304

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

Medium: MSL_850_111227 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.278$;

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

Ambient Temperature : 23.5°C ; Liquid Temperature : 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); 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) = 0.489 mW/g

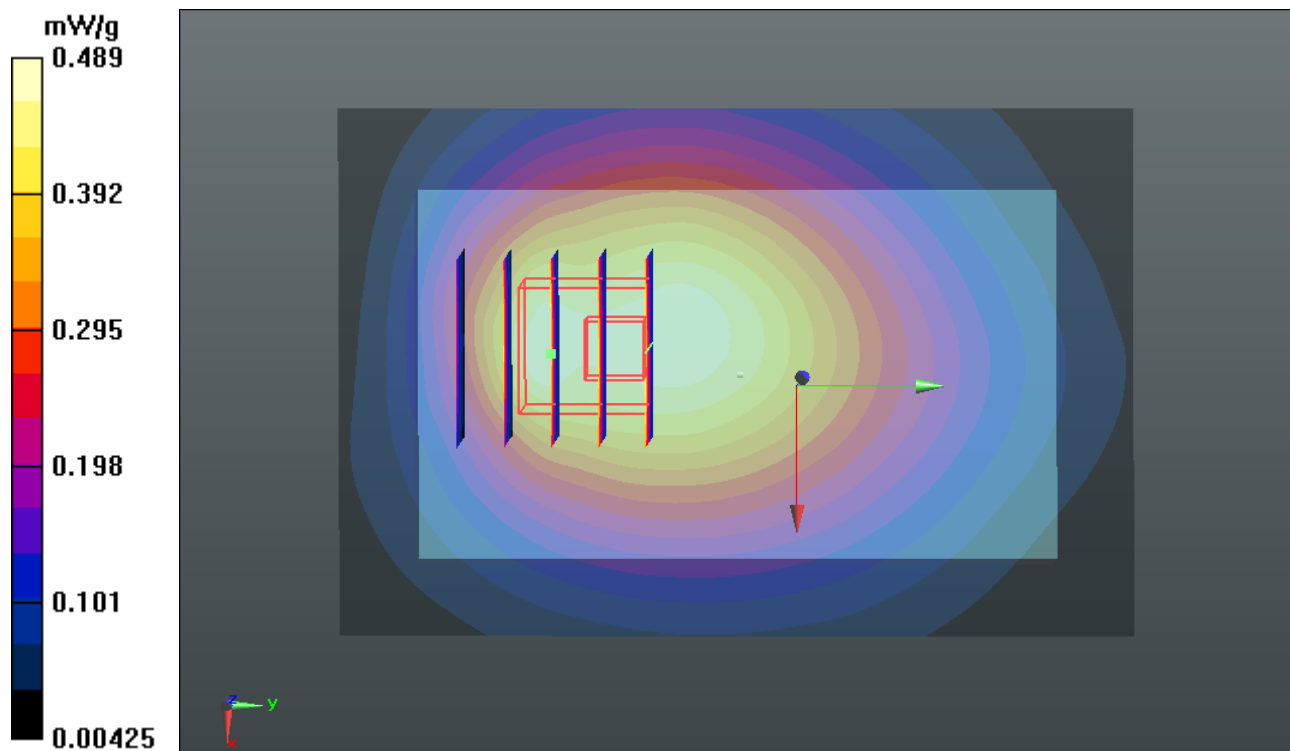
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.212 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.447 mW/g ; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



#02 GSM850_GPRS12_Bottom_1.5cm_Ch251_2D

DUT: 1D2304

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

Medium: MSL_850_111227 Medium parameters used: $f = 849$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.278$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch251/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.489 mW/g

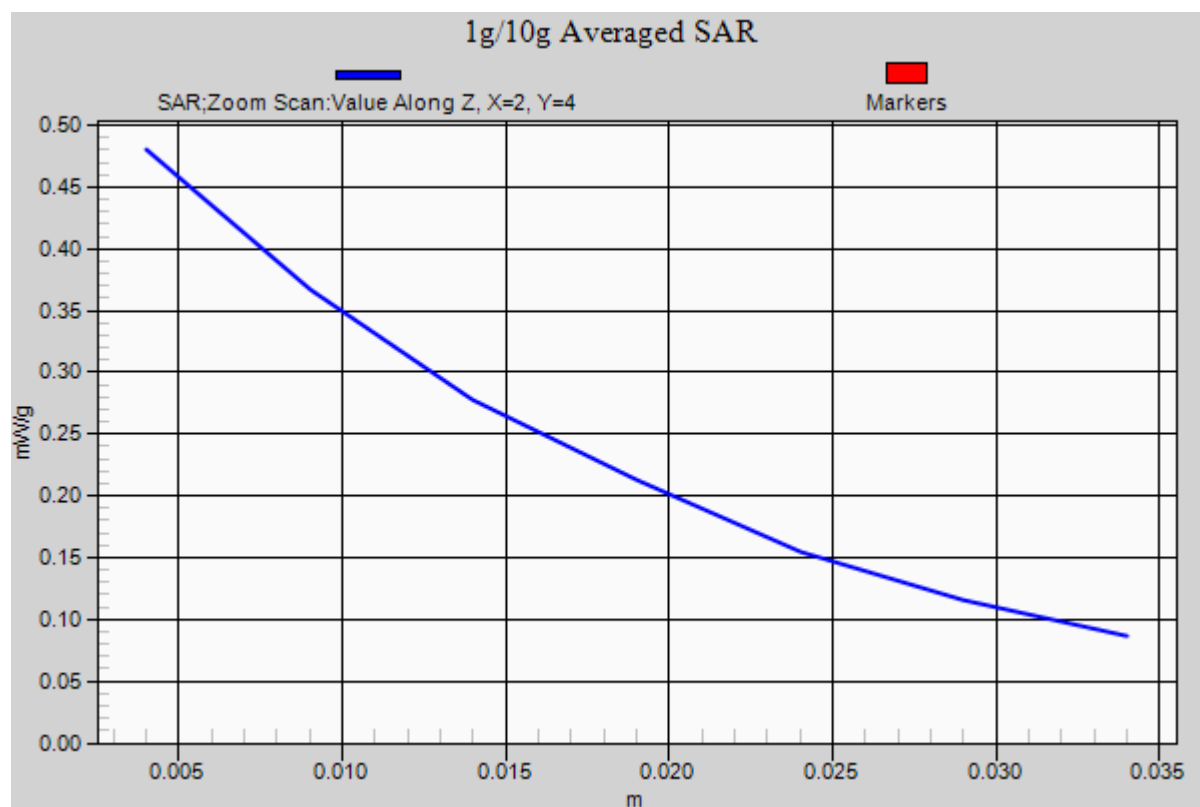
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.212 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



#07 GSM1900_GPRS12_Face_1.5cm_Ch661

DUT: 1D2304

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.193 mW/g

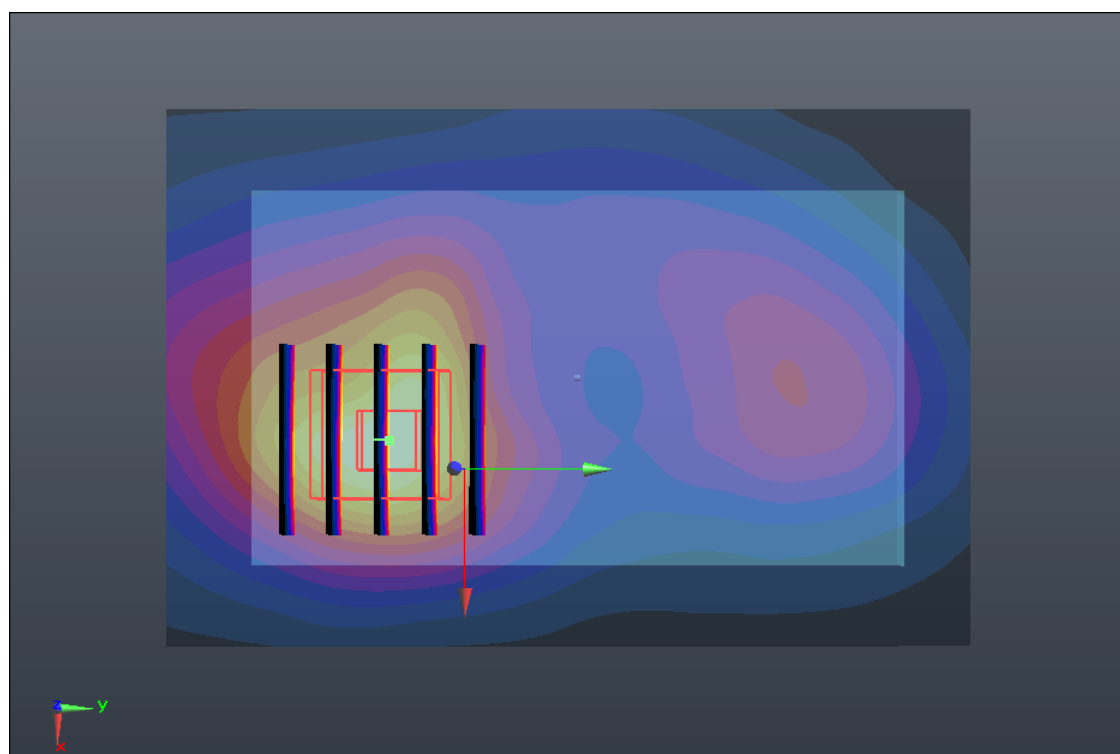
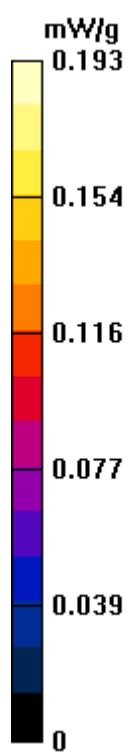
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.832 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.207 mW/g



#08 GSM1900_GPRS12_Bottom_1.5cm_Ch661

DUT: 1D2304

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

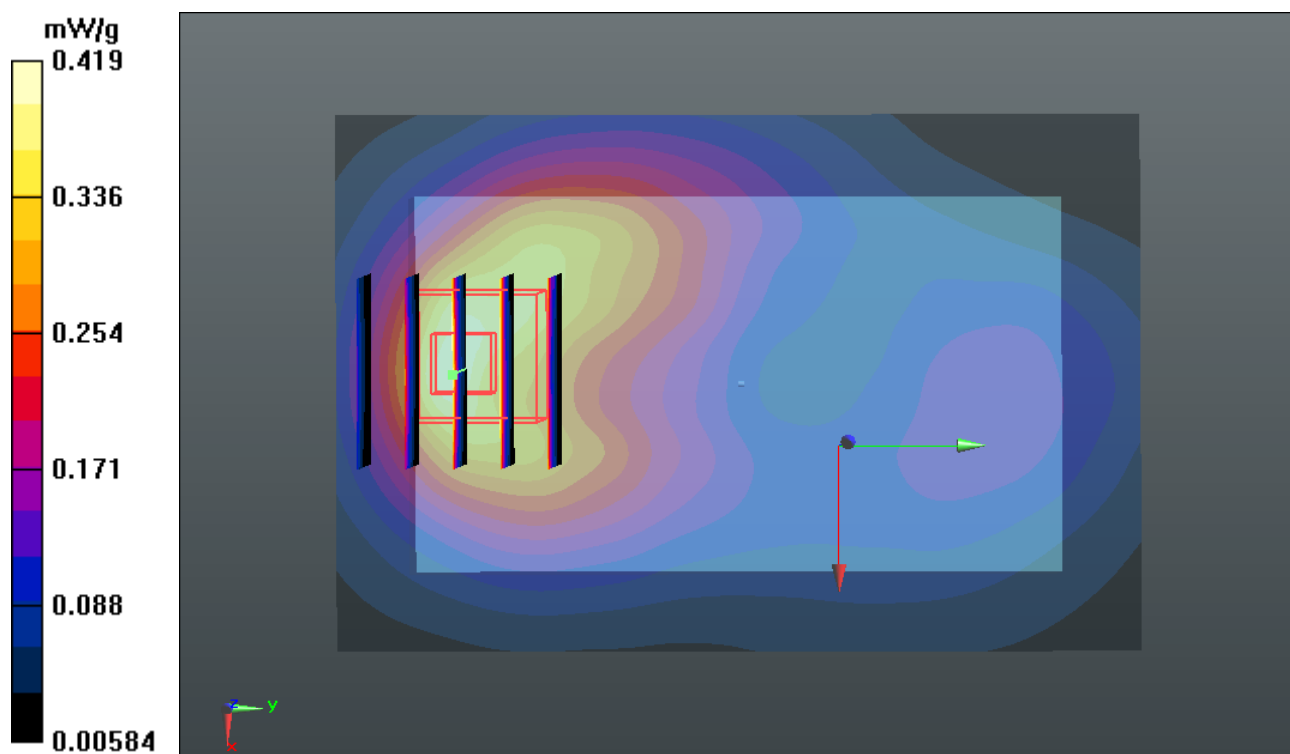
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.150 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.447 mW/g



#08 GSM1900_GPRS12_Bottom_1.5cm_Ch661_2D

DUT: 1D2304

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_111227 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

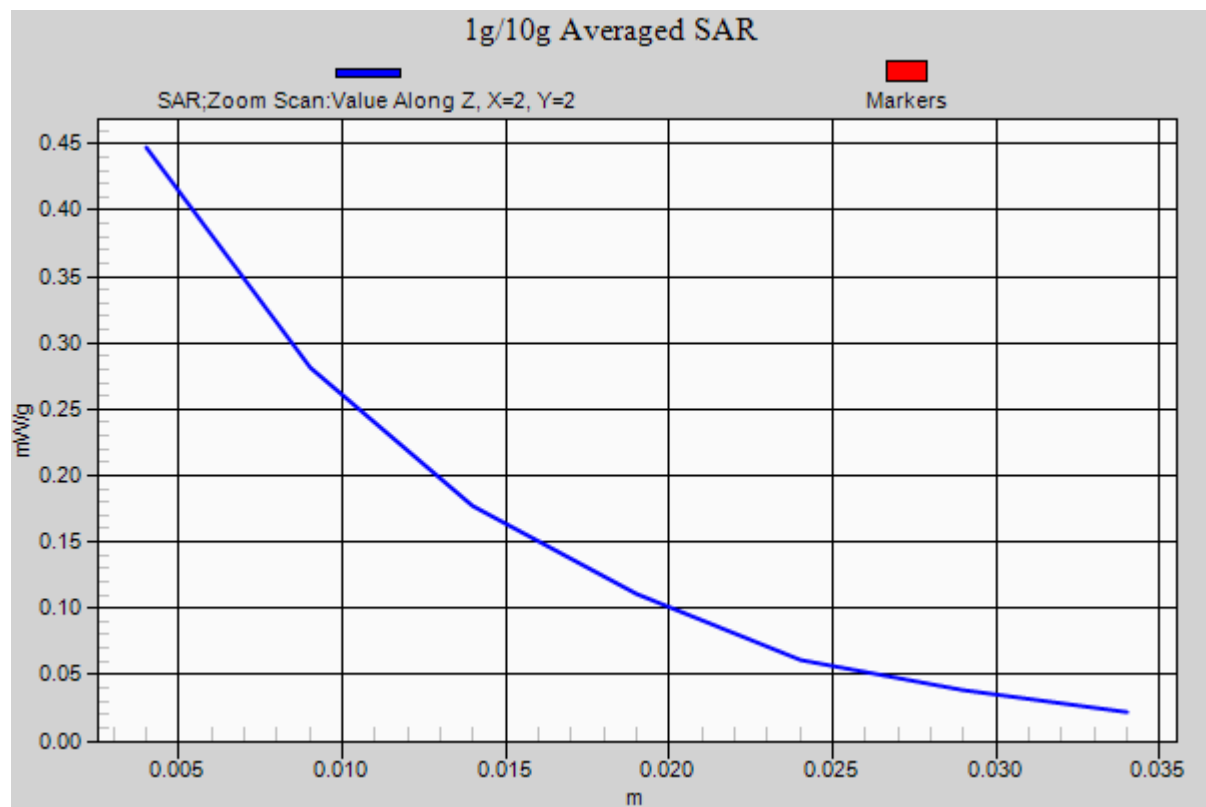
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.150 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.447 mW/g



#17 802.11b_Face_1.5cm_Ch6**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

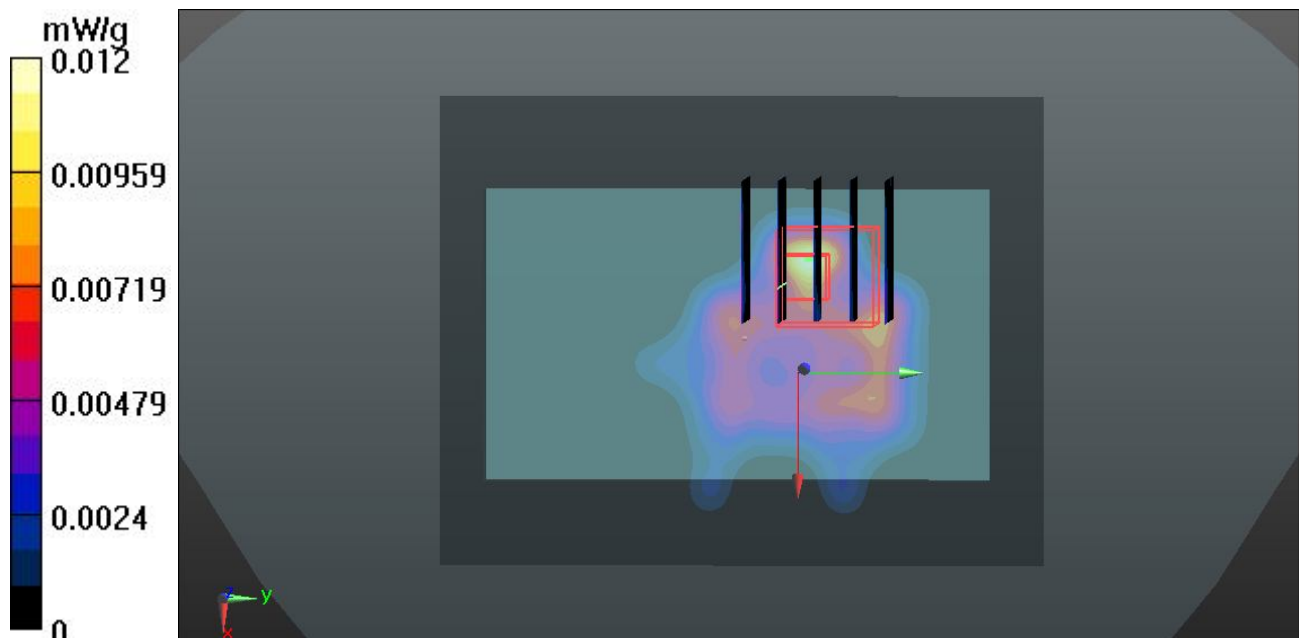
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.320 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0220

SAR(1 g) = 0.00535 mW/g; SAR(10 g) = 0.00198 mW/g

Maximum value of SAR (measured) = 0.00509 mW/g



#18 802.11b_Bottom_1.5cm_Ch6**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.017 mW/g

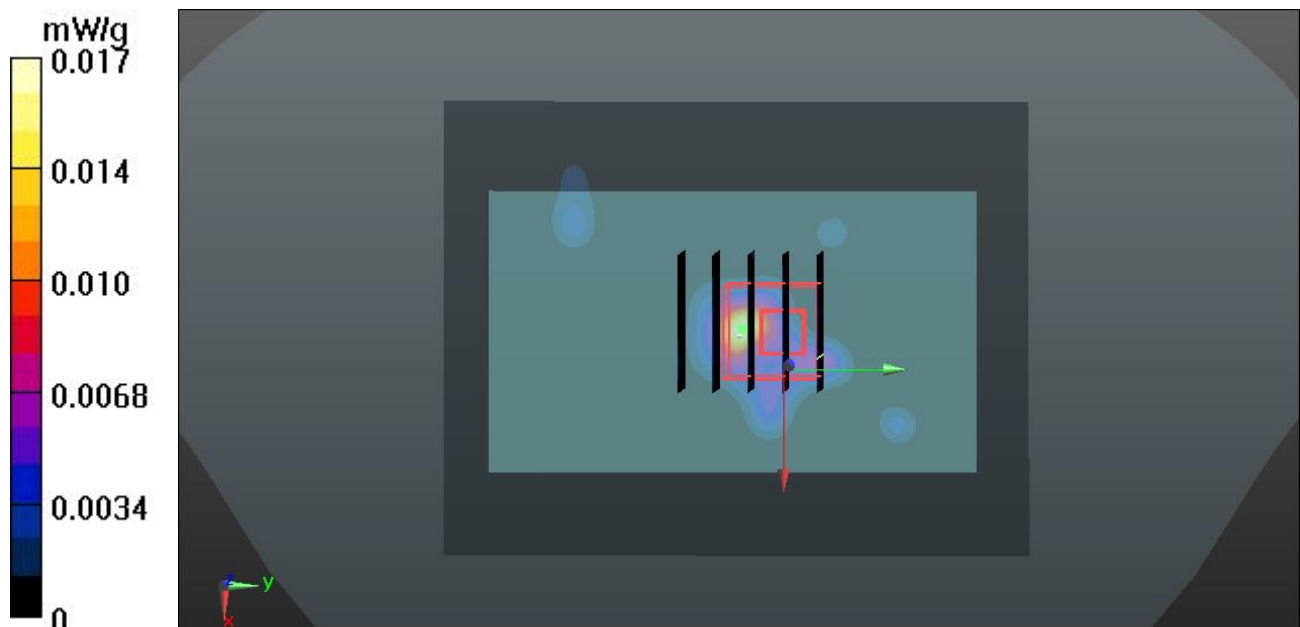
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.708 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0360

SAR(1 g) = 0.00765 mW/g; SAR(10 g) = 0.00299 mW/g

Maximum value of SAR (measured) = 0.00632 mW/g



#18 802.11b_Bottom_1.5cm_Ch6_2D**DUT: 1D2304**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120105 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch6/Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.017 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.708 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0360

SAR(1 g) = 0.00765 mW/g; SAR(10 g) = 0.00299 mW/g

Maximum value of SAR (measured) = 0.00632 mW/g

