



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_Right Cheek_Ch128

DUT: 1D1401

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

Medium: HSL_850_111227 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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)

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

Maximum value of SAR (interpolated) = 0.570 mW/g

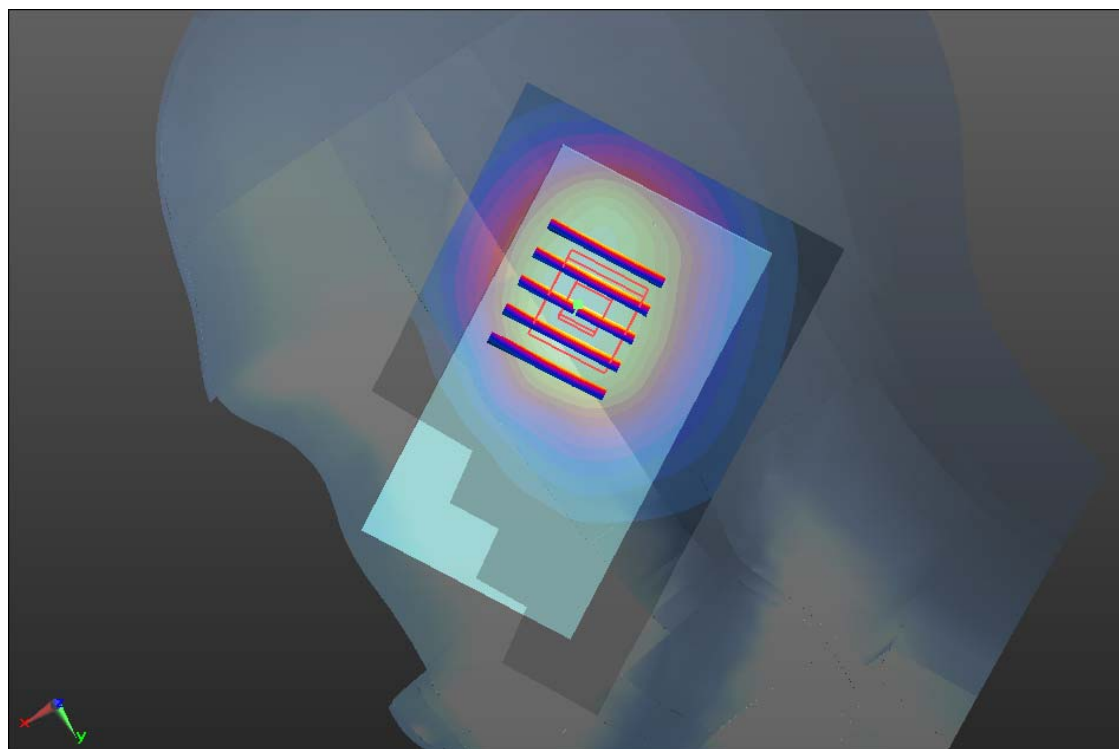
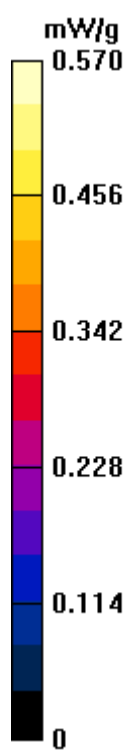
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.294 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.558 mW/g



#01 GSM850_Right Cheek_Ch128_2D

DUT: 1D1401

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

Medium: HSL_850_111227 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.899 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.6°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)

Ch128/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.570 mW/g

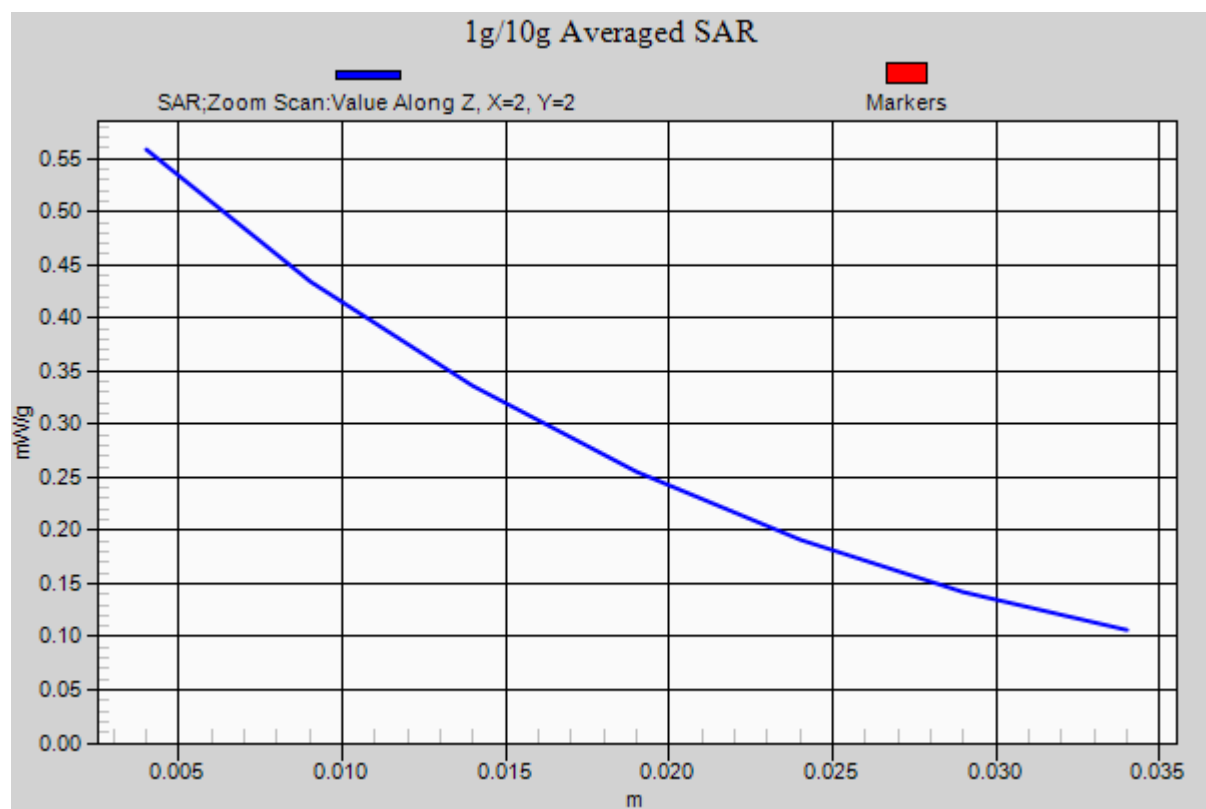
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.294 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.529 mW/g ; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.558 mW/g



#02 GSM850_Right Tilted_Ch128

DUT: 1D1401

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

Medium: HSL_850_111227 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.6 °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)

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

Maximum value of SAR (interpolated) = 0.390 mW/g

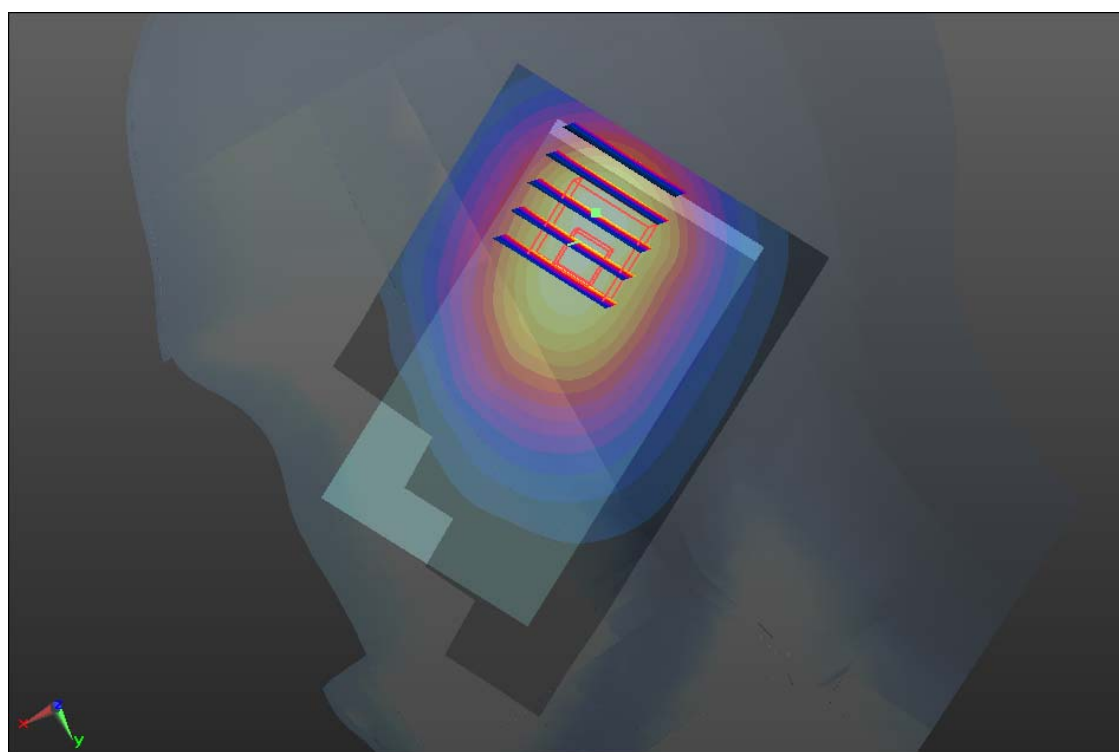
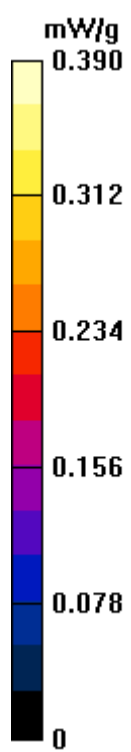
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.413 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



#03 GSM850_Left Cheek_Ch128

DUT: 1D1401

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

Medium: HSL_850_111227 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.899 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : 23.4°C ; Liquid Temperature : 21.6°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)

Ch128/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.521 mW/g

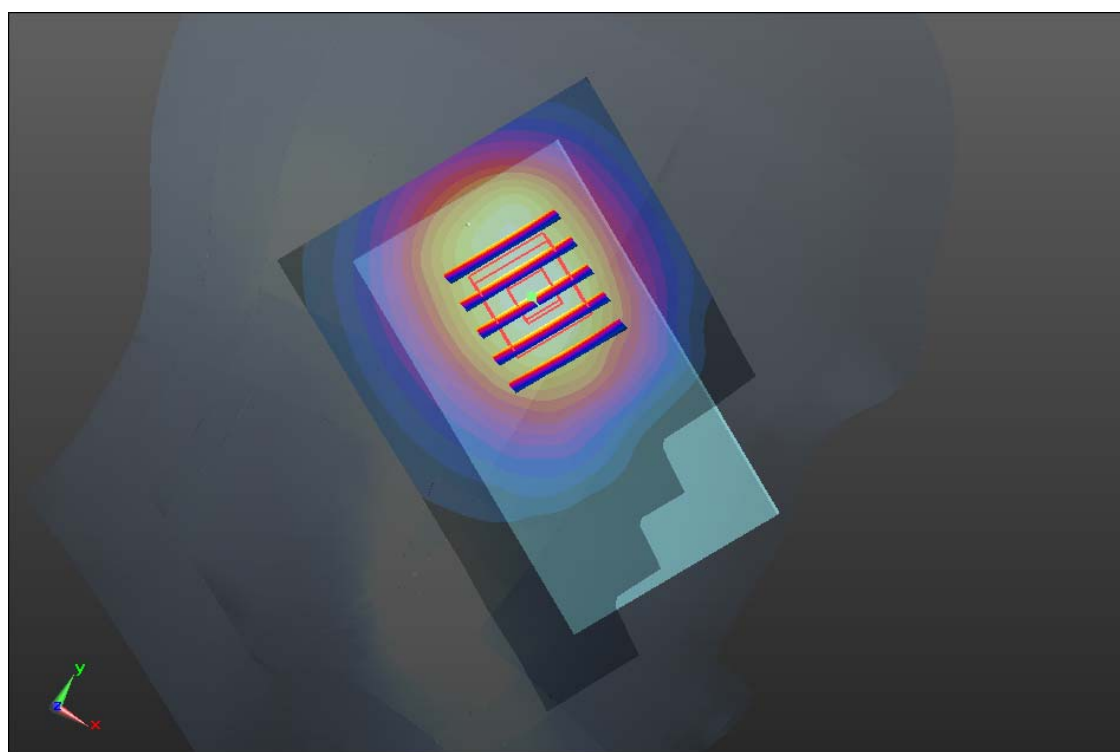
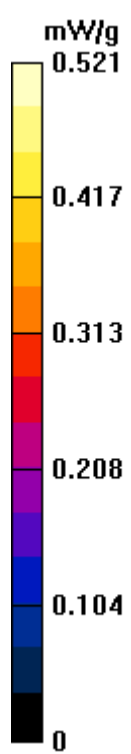
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.716 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.490 mW/g ; SAR(10 g) = 0.364 mW/g

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



#04 GSM850_Left Tilted_Ch128

DUT: 1D1401

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

Medium: HSL_850_111227 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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)

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

Maximum value of SAR (interpolated) = 0.382 mW/g

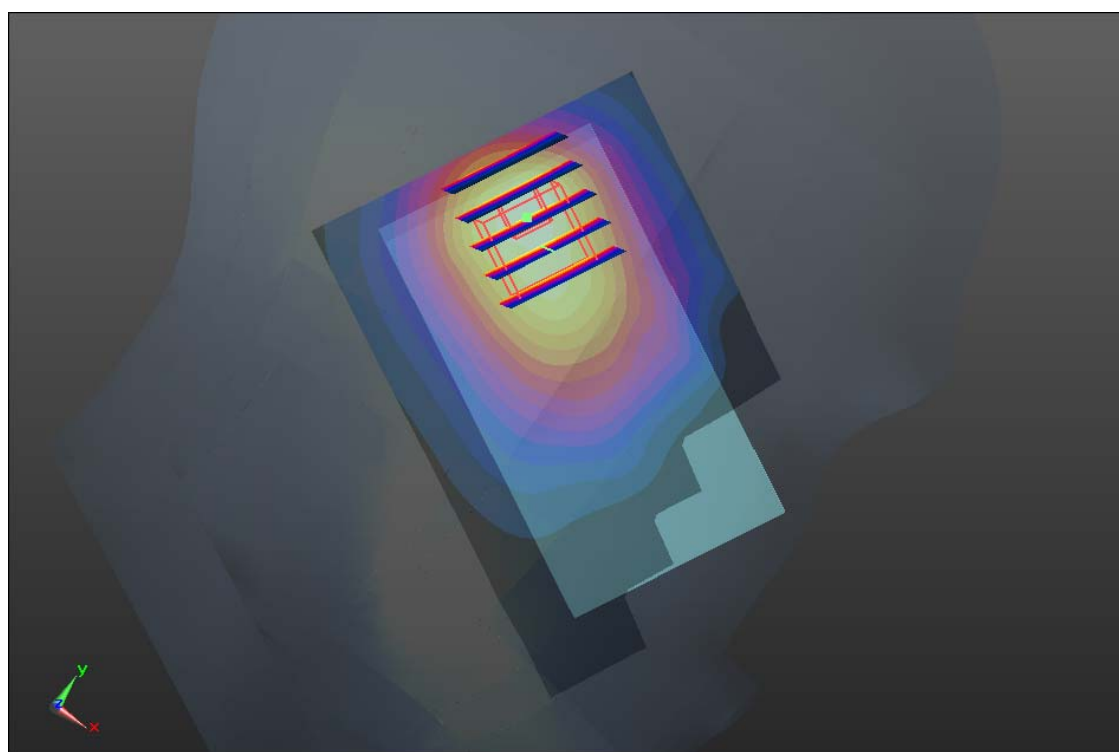
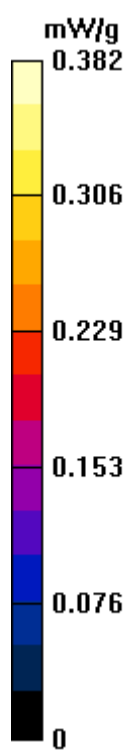
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.770 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.244 mW/g

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



#05 GSM1900_Right Cheek_Ch810

DUT: 1D1401

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

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

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.719 mW/g

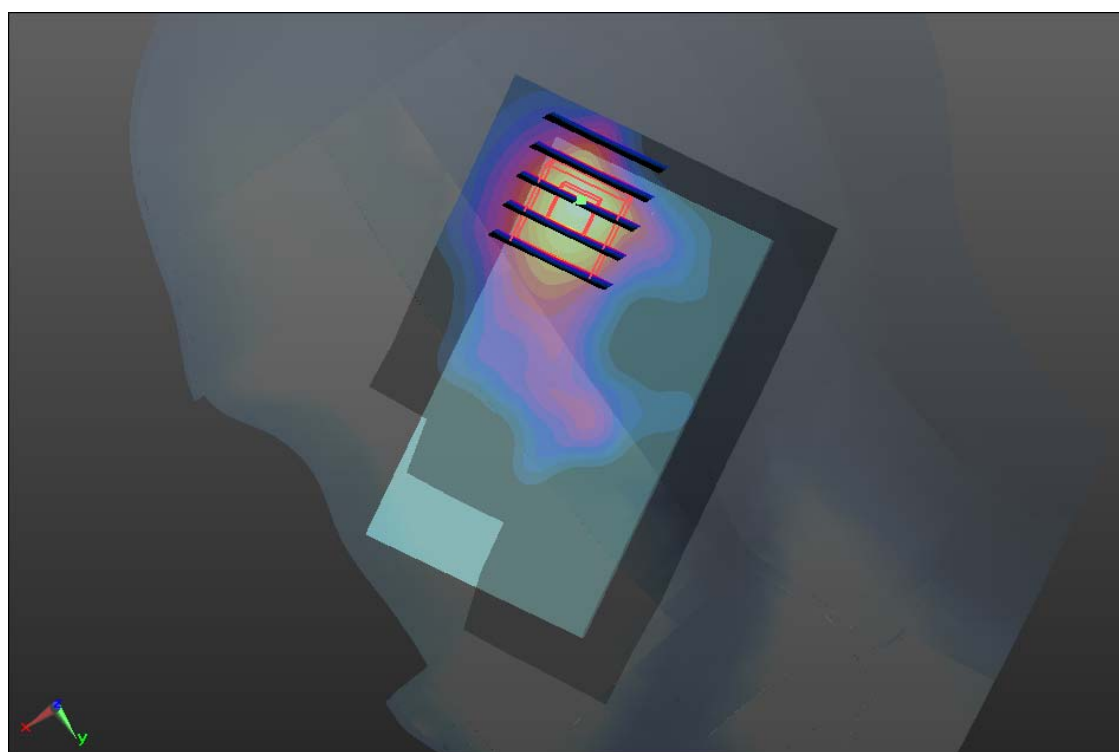
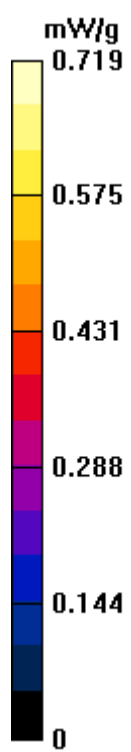
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.876 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.112 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.339 mW/g

Maximum value of SAR (measured) = 0.678 mW/g



#06 GSM1900_Right Tilted_Ch810

DUT: 1D1401

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

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

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.698 mW/g

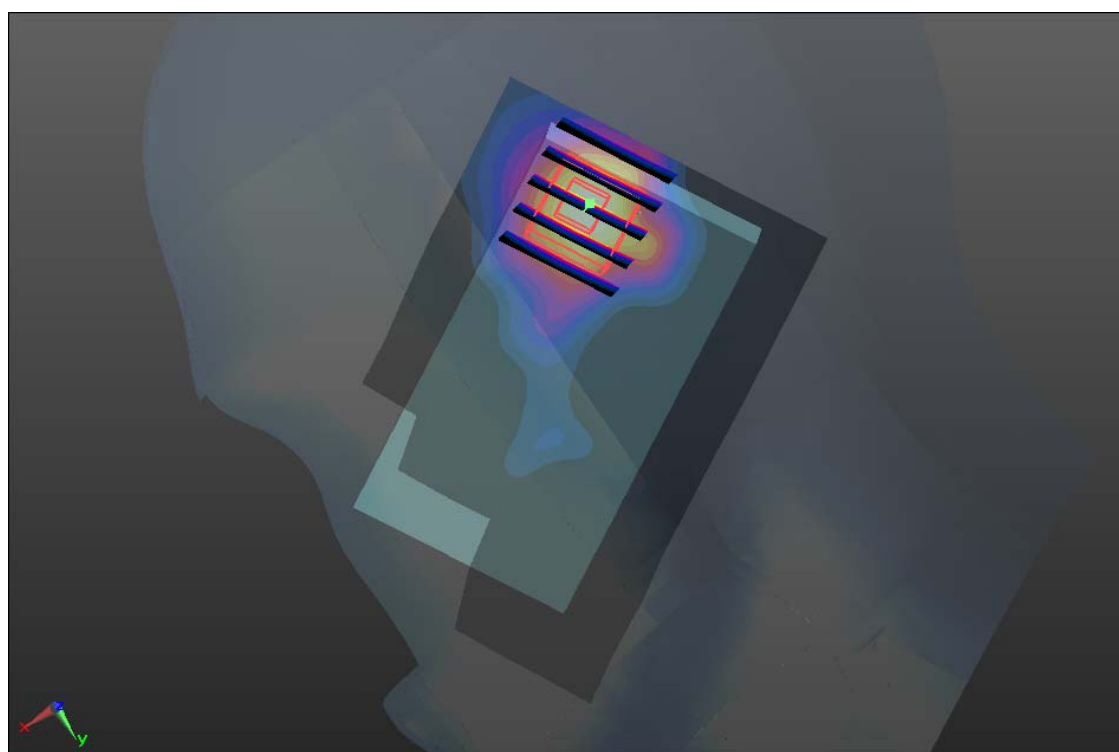
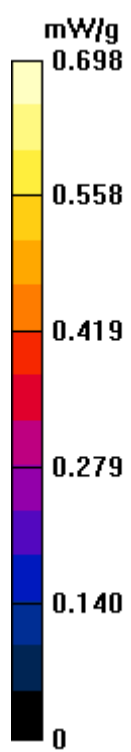
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.853 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.114 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.694 mW/g



#06 GSM1900_Right Tilted_Ch810_2D

DUT: 1D1401

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

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

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.698 mW/g

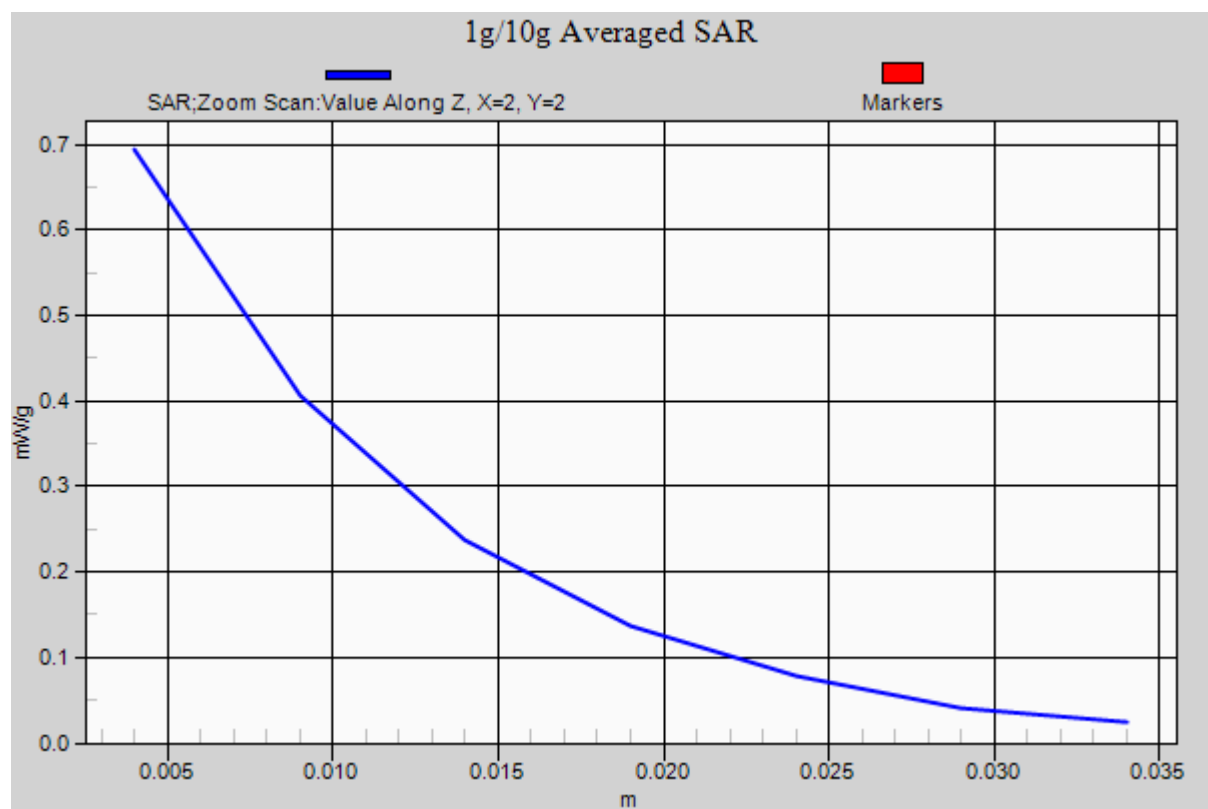
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.853 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.114 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.345 mW/g

Maximum value of SAR (measured) = 0.694 mW/g



#07 GSM1900_Left Cheek_Ch810

DUT: 1D1401

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

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

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.486 mW/g

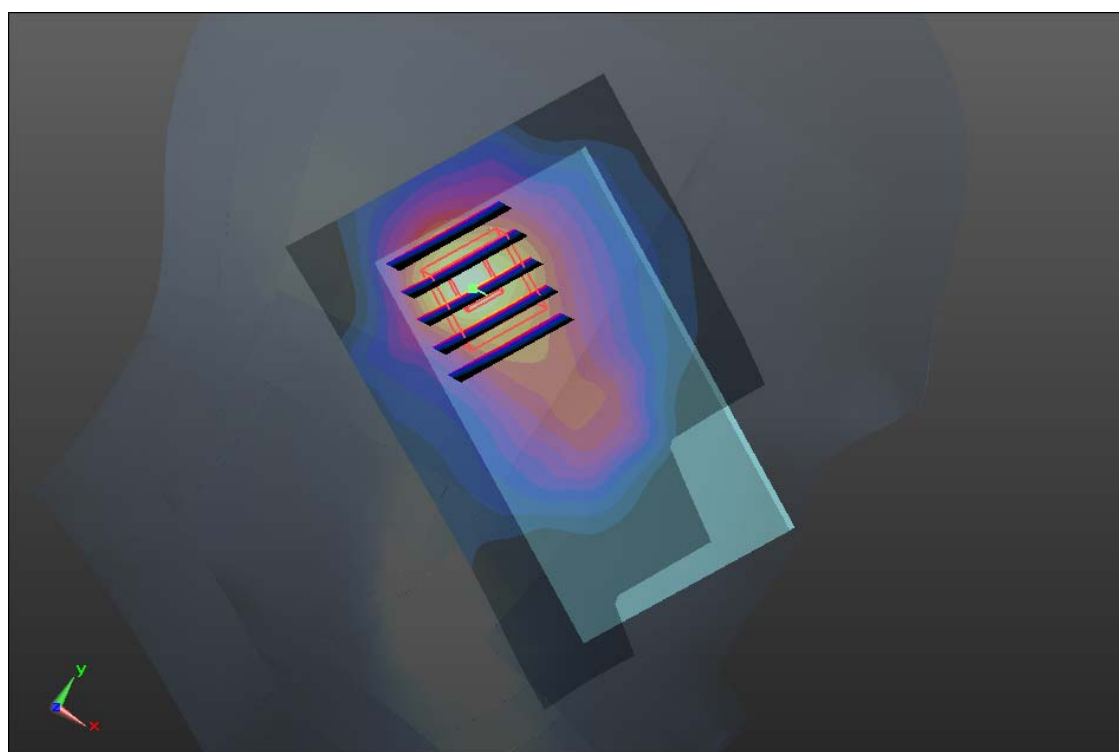
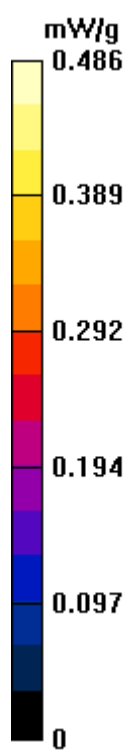
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.683 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.468 mW/g



#08 GSM1900_Left Tilted_Ch810

DUT: 1D1401

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

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

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.560 mW/g

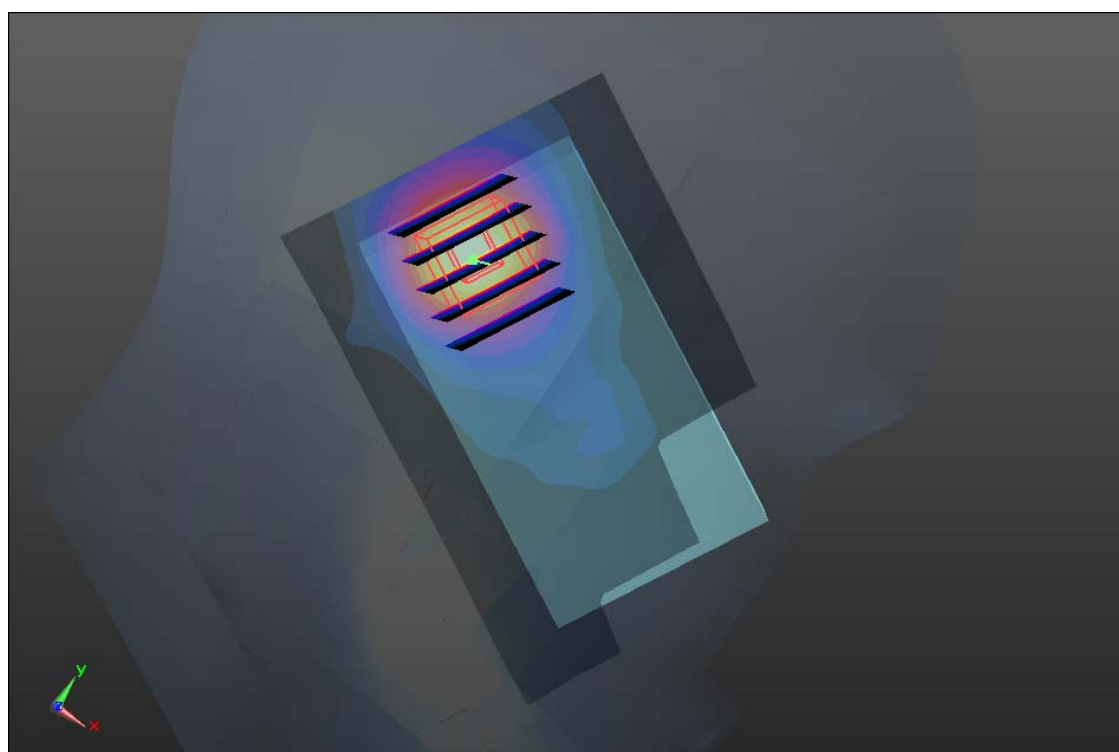
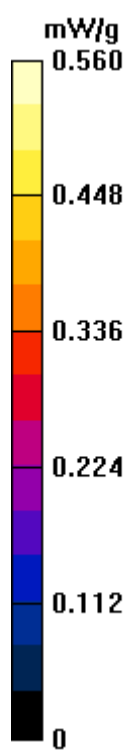
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.812 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 0.559 mW/g



#09 GSM850_GPRS10_Face_1.5cm_Ch128

DUT: 1D1401

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

Medium: MSL_850_111227 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.475$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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)

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

Maximum value of SAR (interpolated) = 0.269 mW/g

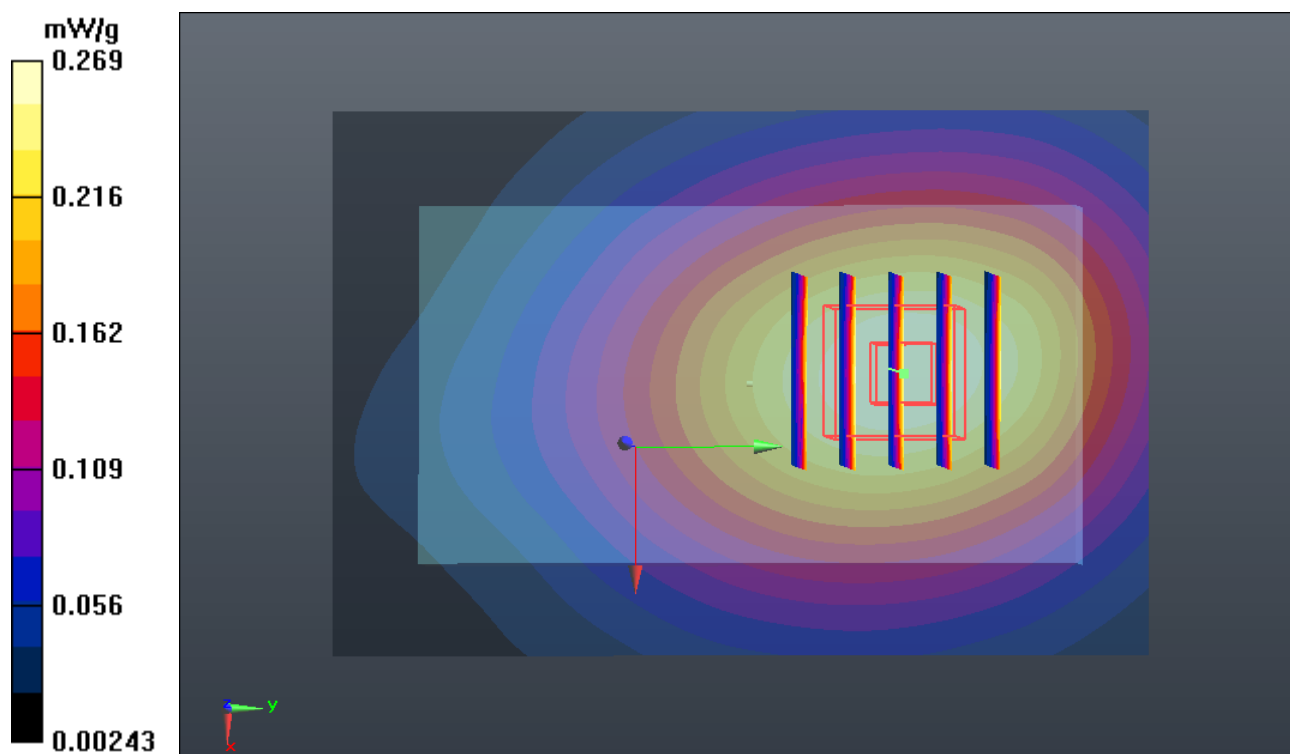
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.382 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



#10 GSM850_GPRS10_Bottom_1.5cm_Ch128

DUT: 1D1401

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

Medium: MSL_850_111227 Medium parameters used: $f = 825$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.475$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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)

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

Maximum value of SAR (interpolated) = 0.923 mW/g

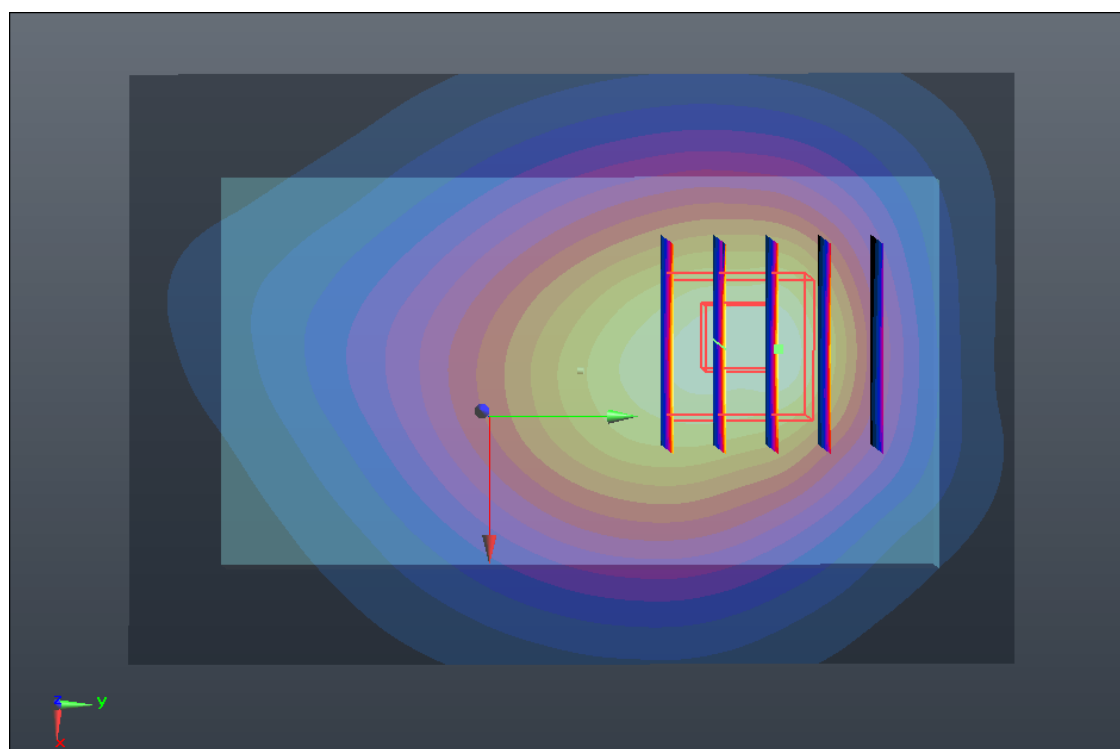
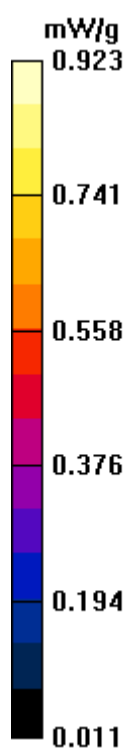
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.378 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.777 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.594 mW/g

Maximum value of SAR (measured) = 0.885 mW/g



#11 GSM850_GPRS10_Bottom_1.5cm_Ch189

DUT: 1D1401

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

Medium: MSL_850_111227 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r =$

54.392; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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)

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

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

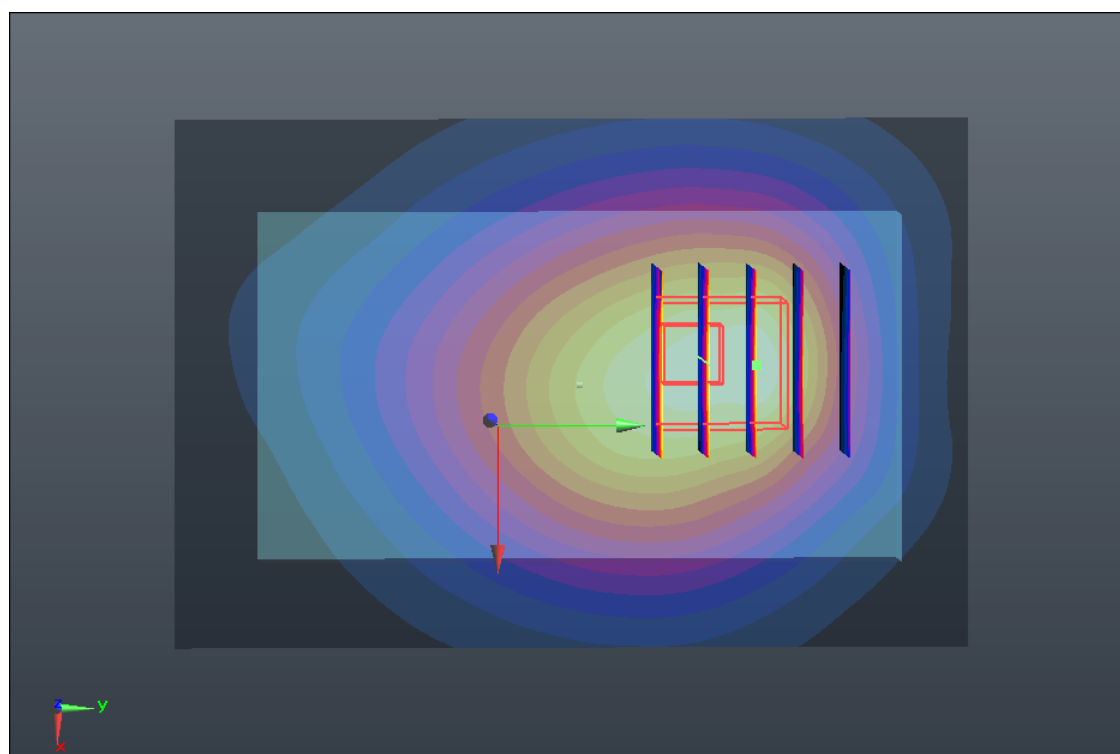
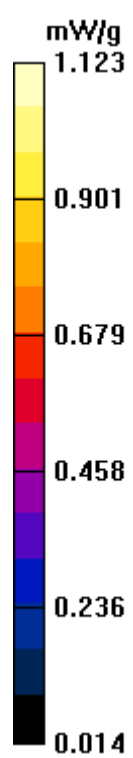
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.405 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.264 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.733 mW/g

Maximum value of SAR (measured) = 1.096 mW/g



#12 GSM850_GPRS10_Bottom_1.5cm_Ch251

DUT: 1D1401

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

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 : 21.2 °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) = 1.349 mW/g

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

Reference Value = 33.313 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.378 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.837 mW/g

Maximum value of SAR (measured) = 1.282 mW/g

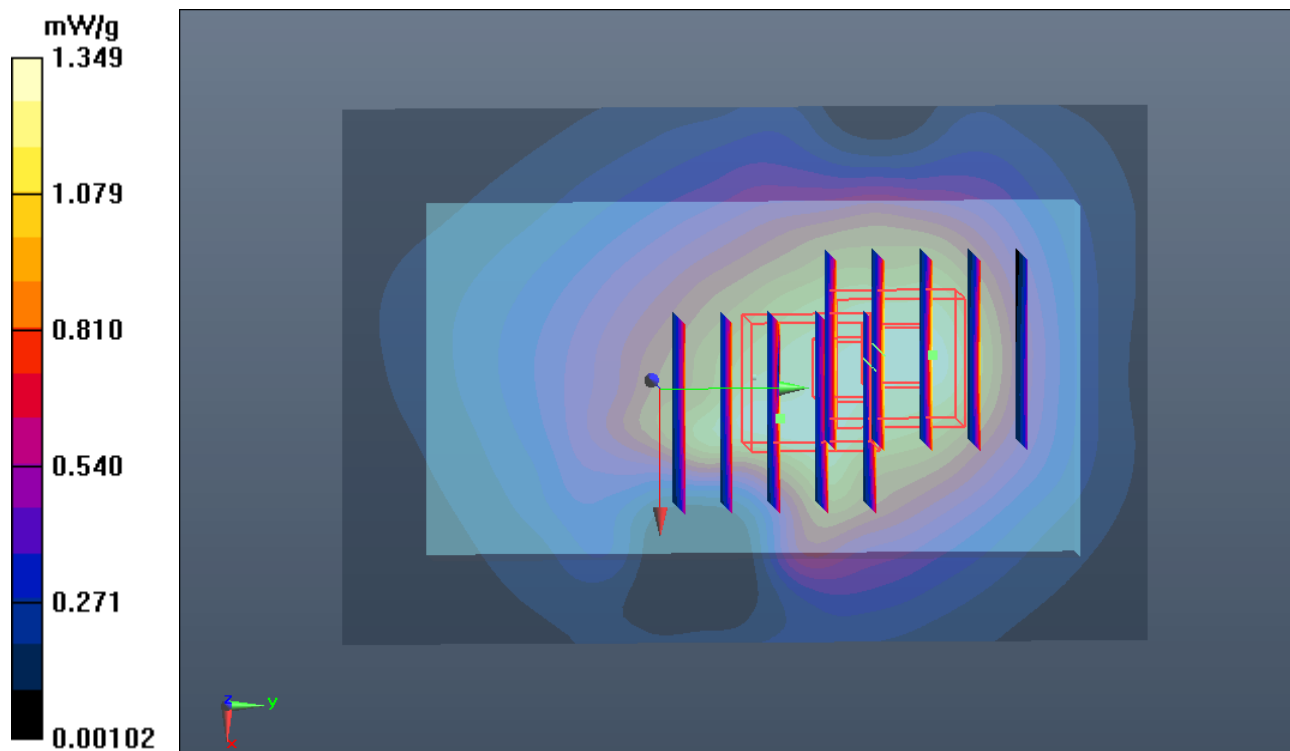
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.313 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.647 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.858 mW/g

Maximum value of SAR (measured) = 1.279 mW/g



#12 GSM850_GPRS10_Bottom_1.5cm_Ch251_2D

DUT: 1D1401

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

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 : 21.2 °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) = 1.349 mW/g

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

Reference Value = 33.313 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.378 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.837 mW/g

Maximum value of SAR (measured) = 1.282 mW/g

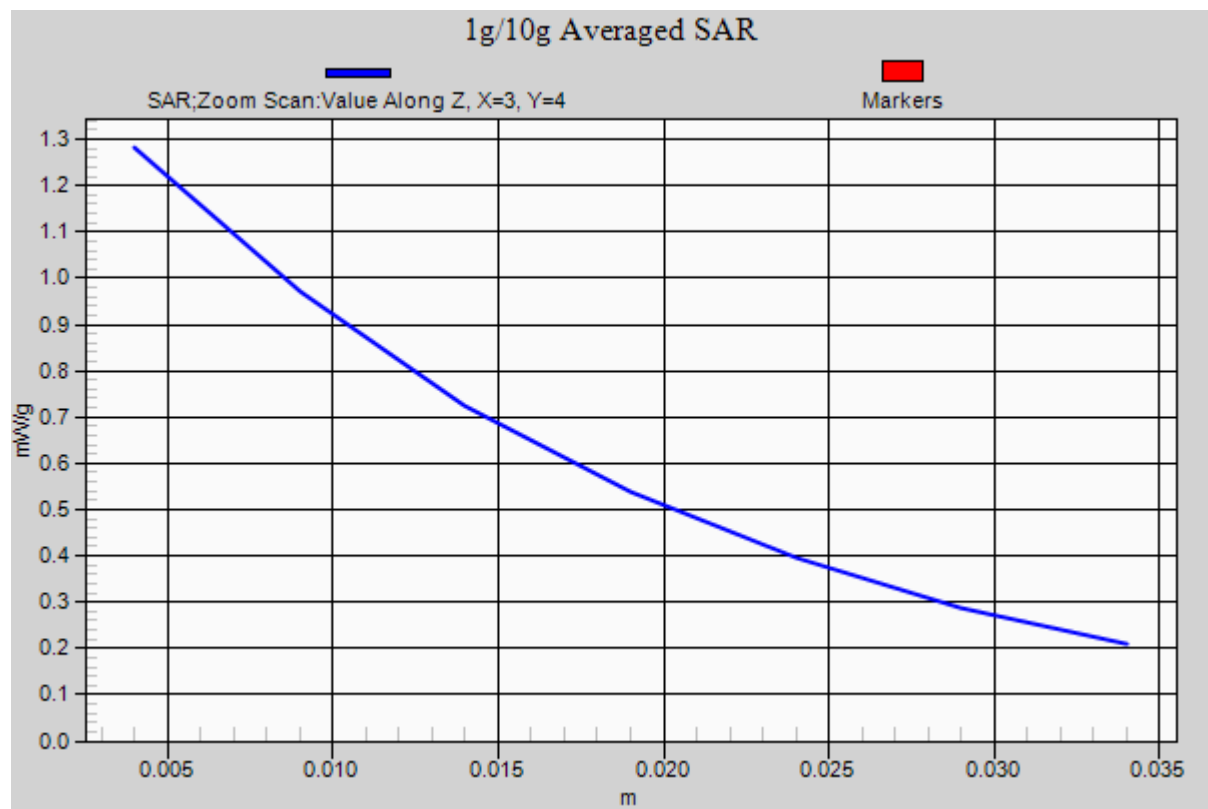
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.313 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.647 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.858 mW/g

Maximum value of SAR (measured) = 1.279 mW/g



#13 GSM1900_GPRS10_Face_1.5cm_Ch810

DUT: 1D1401

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849; $\rho = 1000$ 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)

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.333 mW/g

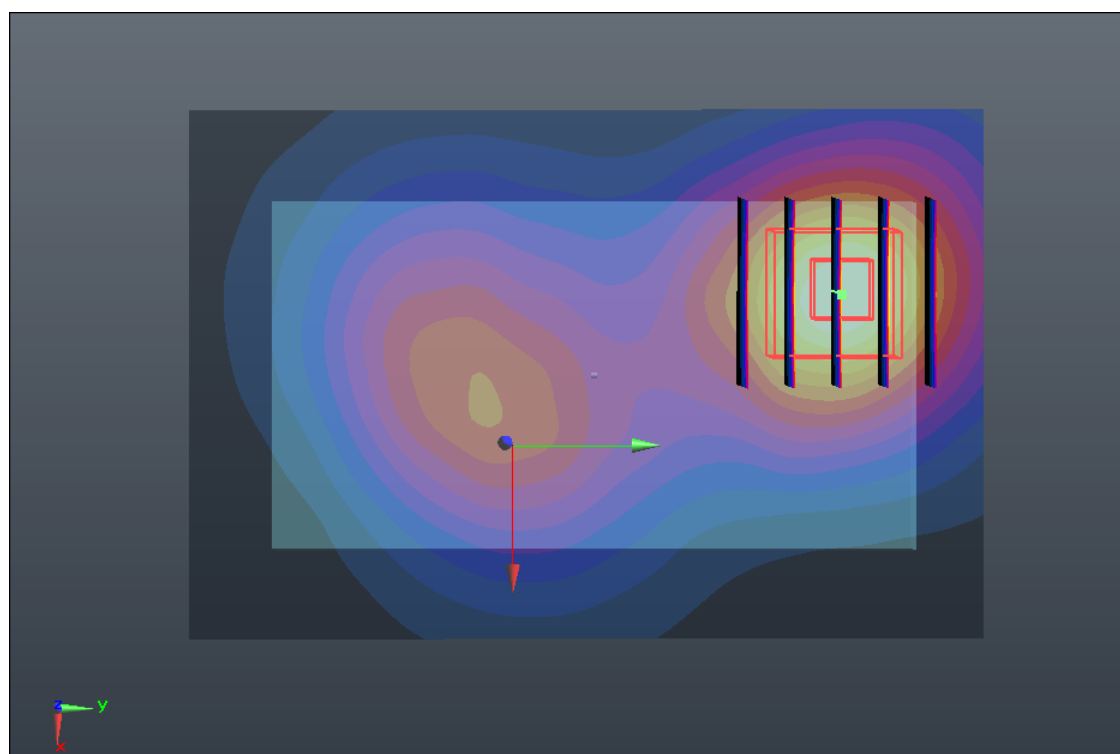
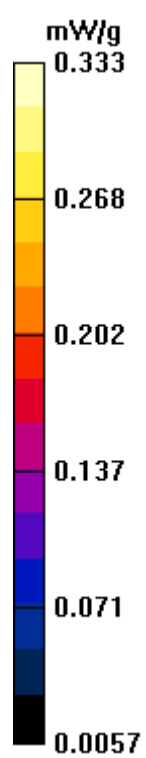
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.345 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.326 mW/g



#14 GSM1900_GPRS10_Bottom_1.5cm_Ch810

DUT: 1D1401

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849; $\rho = 1000$ 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)

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.541 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.990 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.519 mW/g

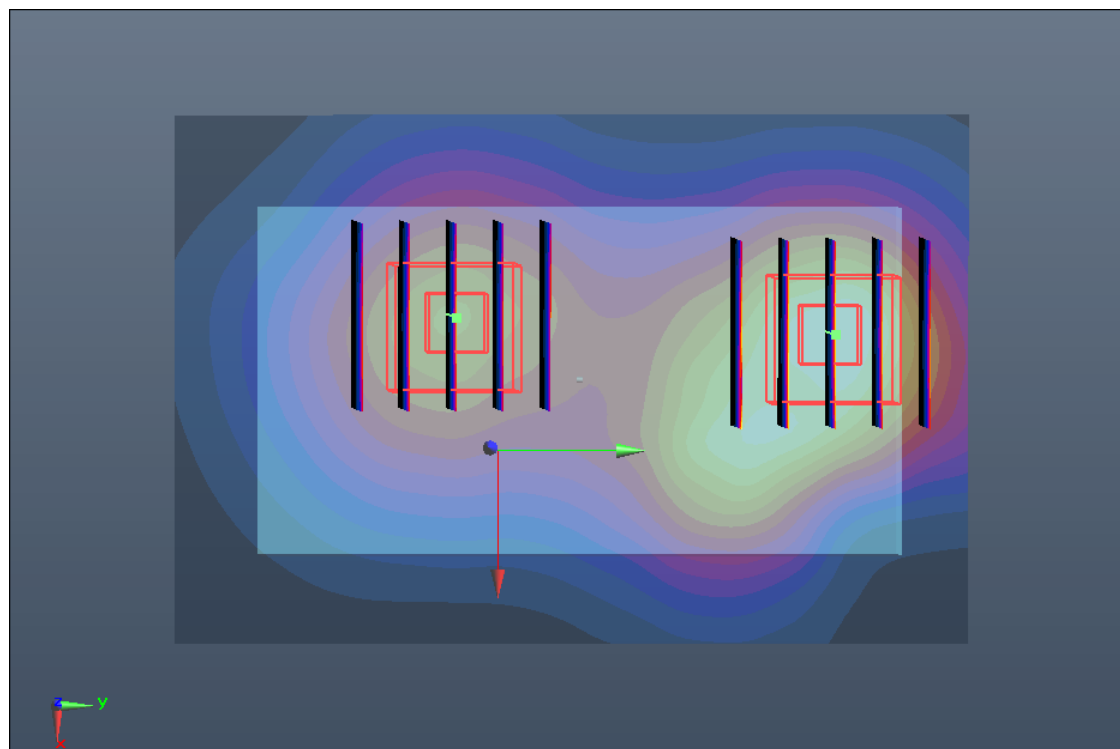
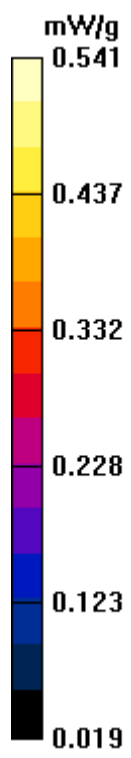
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.990 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.404 mW/g



#14 GSM1900_GPRS10_Bottom_1.5cm_Ch810_2D

DUT: 1D1401

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_111227 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849; $\rho = 1000$ 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)

Ch810/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.541 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.990 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.519 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.990 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 0.404 mW/g

