



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_Right Cheek_Ch128

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- 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) = 0.598 mW/g

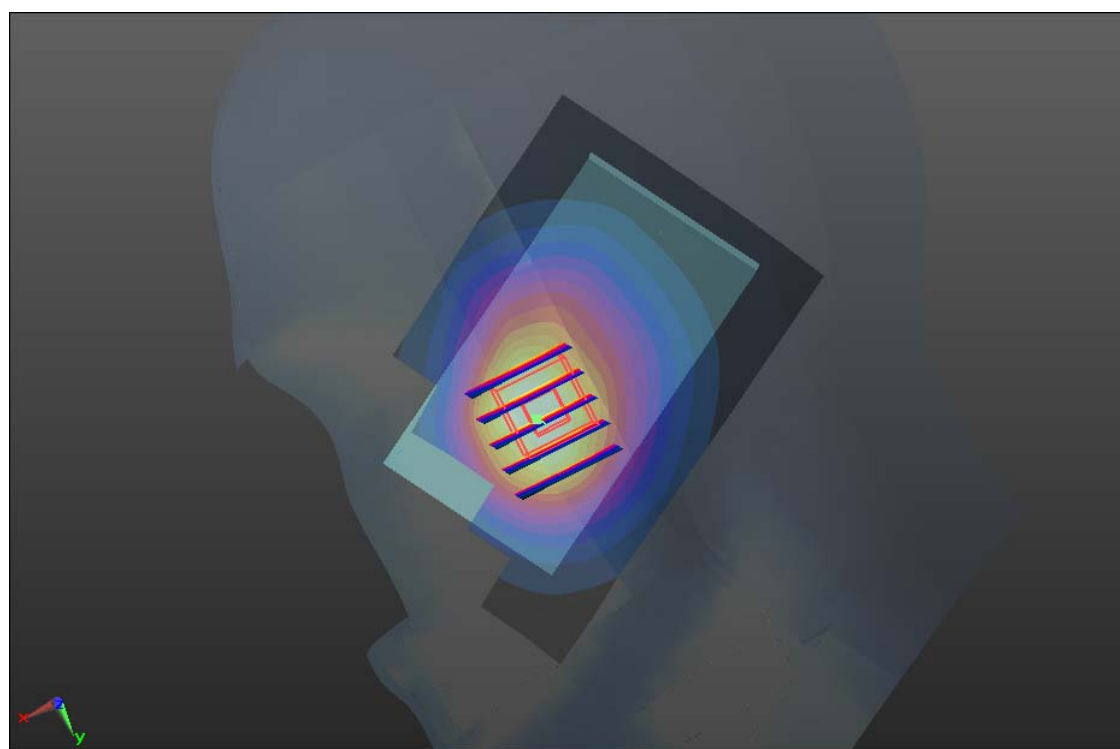
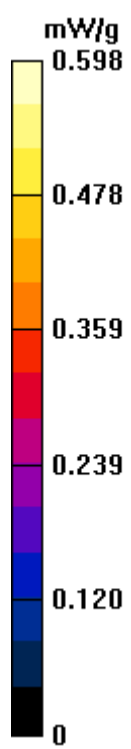
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.245 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.571 mW/g



#02 GSM850_Right Tilted_Ch128

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- 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) = 0.287 mW/g

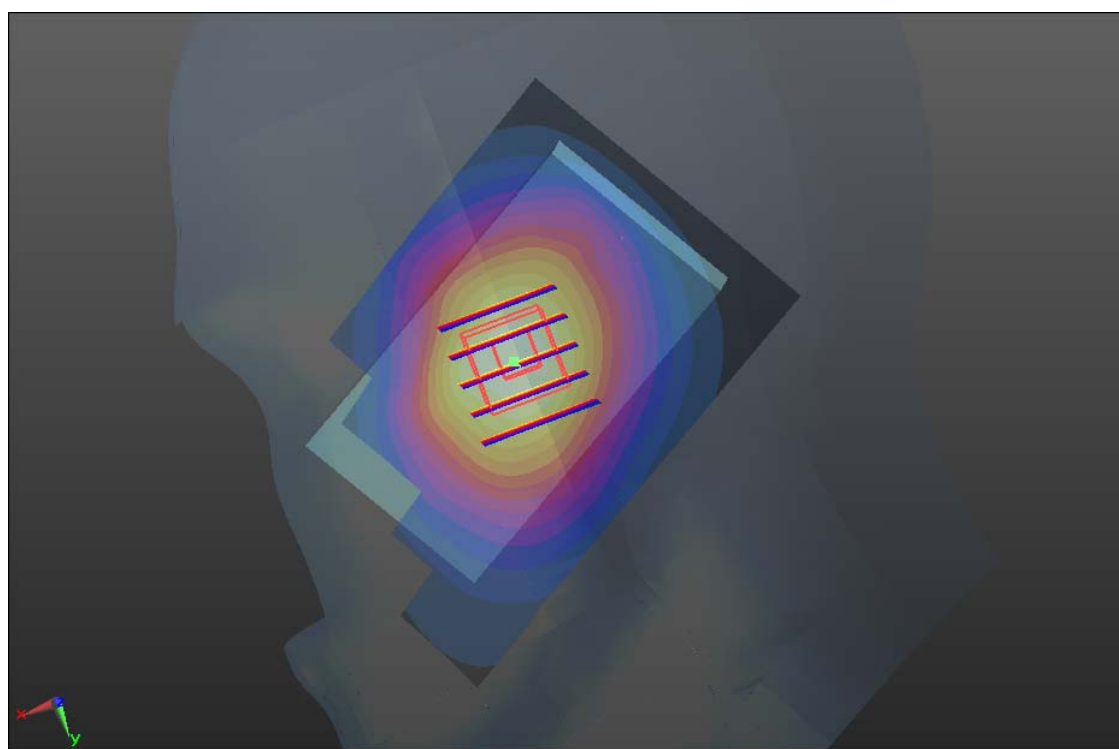
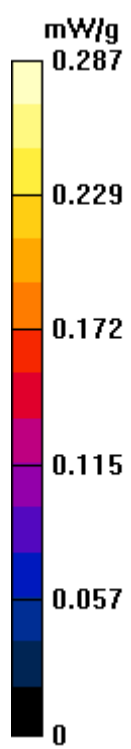
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.872 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



#03 GSM850_Left Cheek_Ch128

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- 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) = 0.651 mW/g

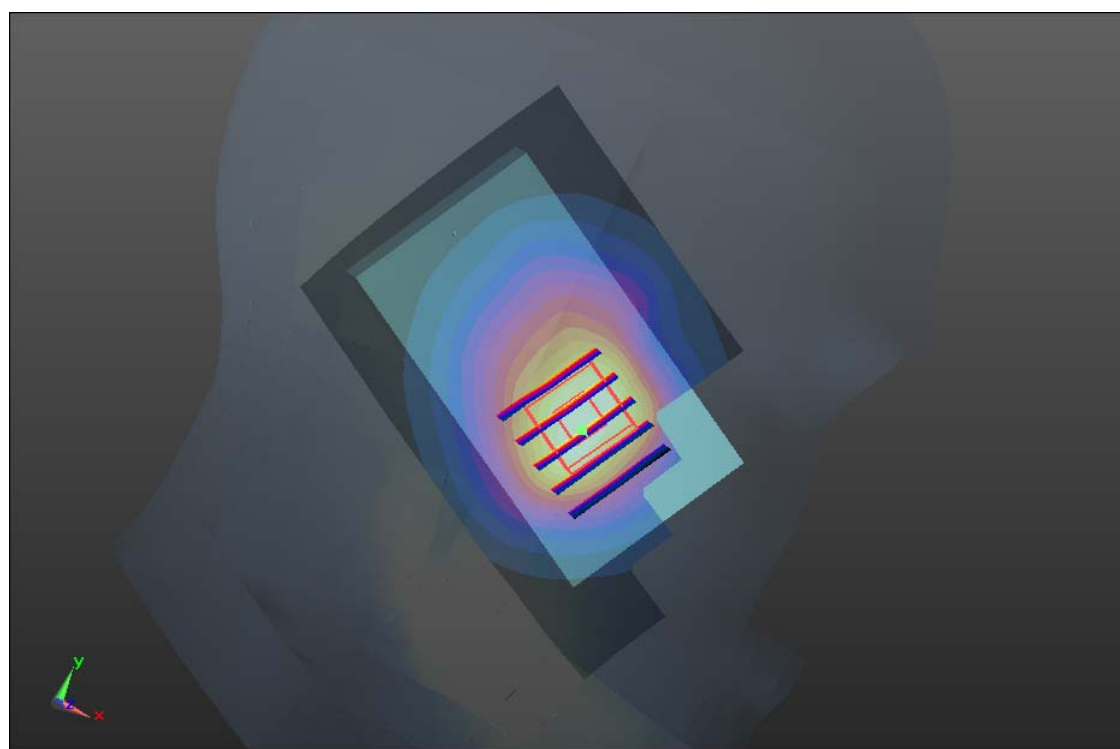
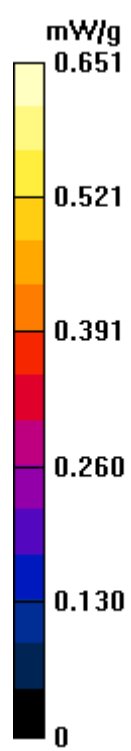
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.775 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 0.622 mW/g



#03 GSM850_Left Cheek_Ch128_2D

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- 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) = 0.651 mW/g

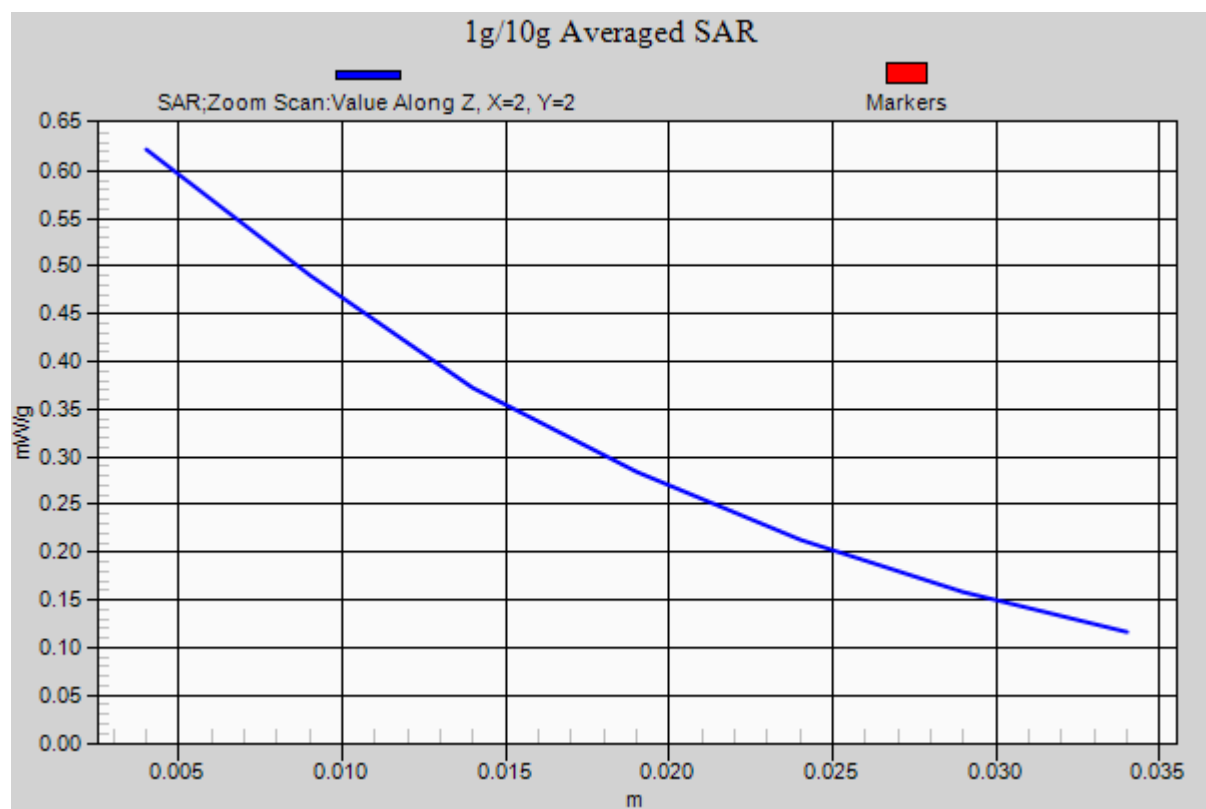
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.775 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 0.622 mW/g



#04 GSM850_Left Tilted_Ch128

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r =$

41.926; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- 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) = 0.311 mW/g

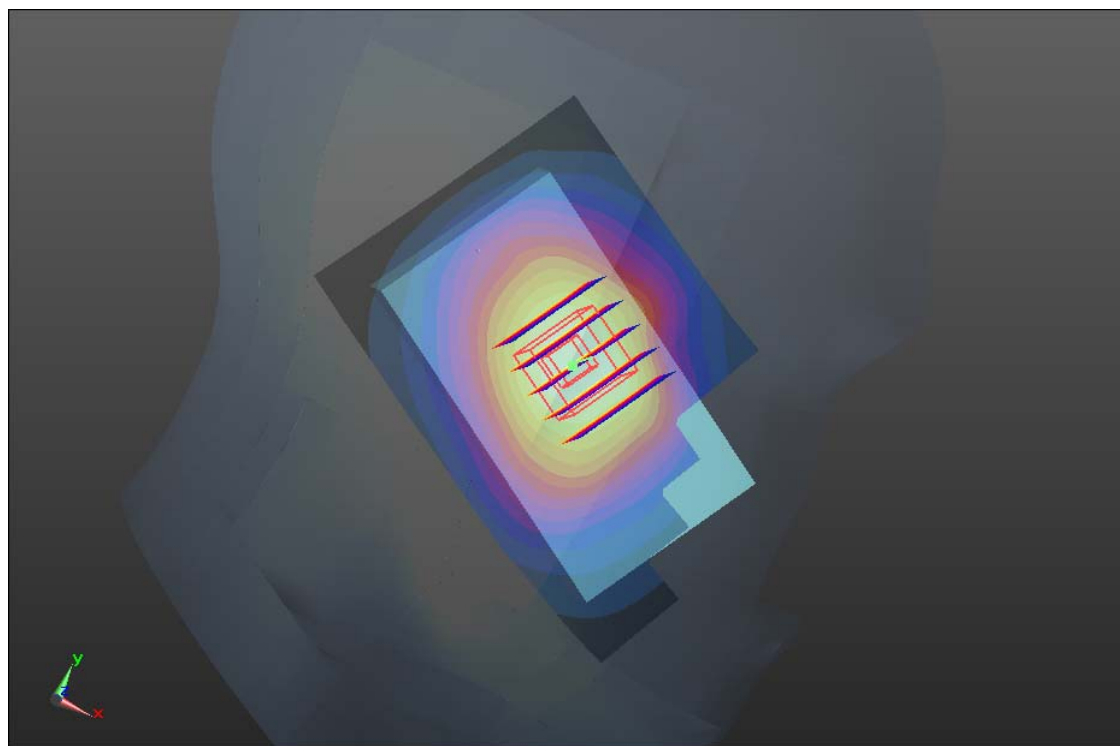
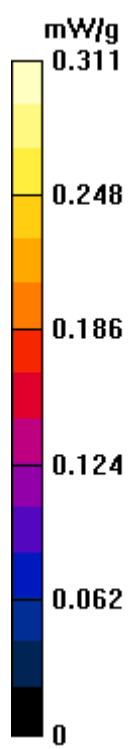
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.751 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.371 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.311 mW/g



#05 GSM1900_Right Cheek_Ch512

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.401$ mho/m; $\epsilon_r =$

39.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.573 mW/g

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

Reference Value = 5.162 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.075 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.612 mW/g

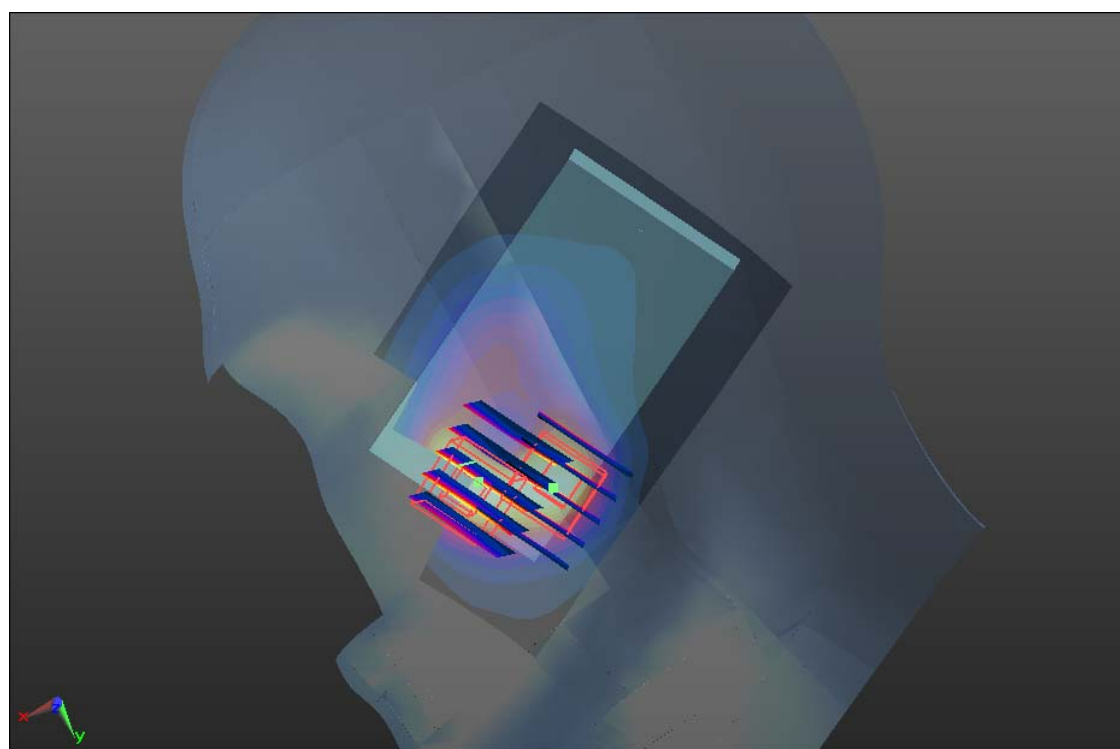
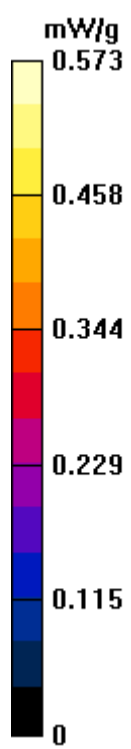
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.162 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.051 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.630 mW/g



#06 GSM1900_Right Tilted_Ch512

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.401$ mho/m; $\epsilon_r =$

39.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

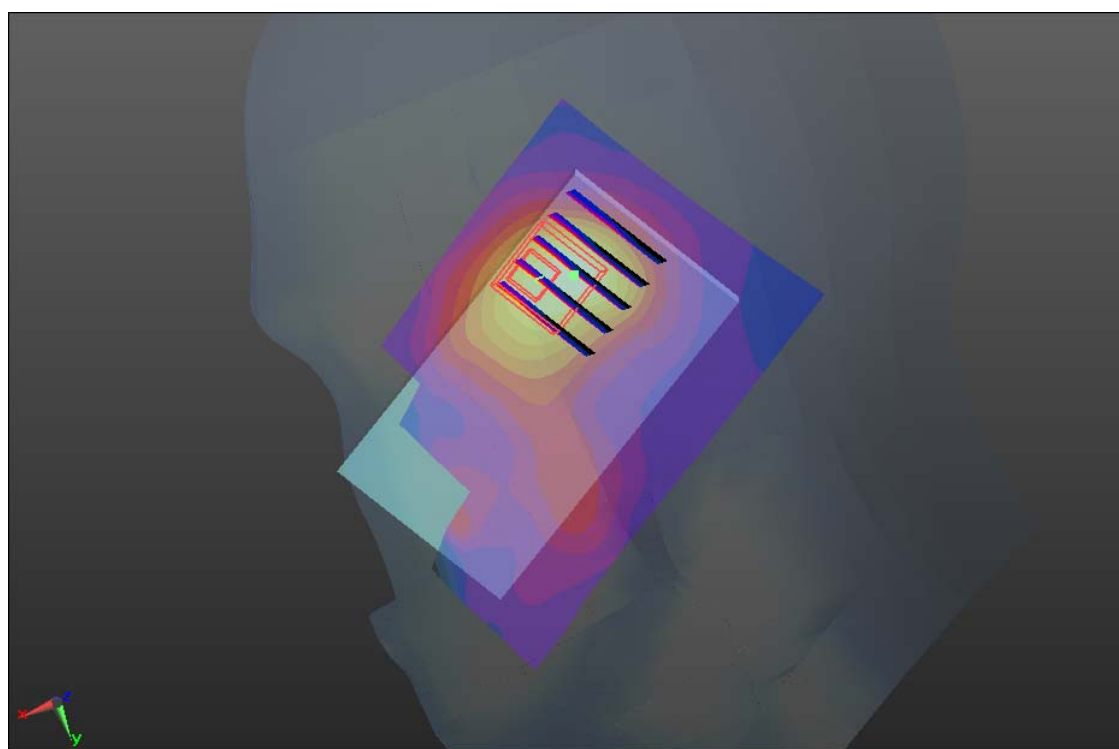
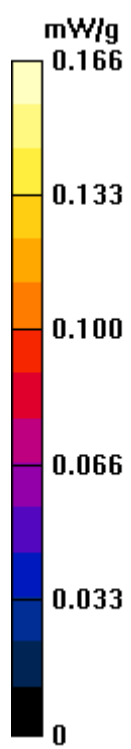
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.607 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



#07 GSM1900_Left Cheek_Ch512

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.401$ mho/m; $\epsilon_r =$

39.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.770 mW/g

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

Reference Value = 5.552 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.206 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.723 mW/g

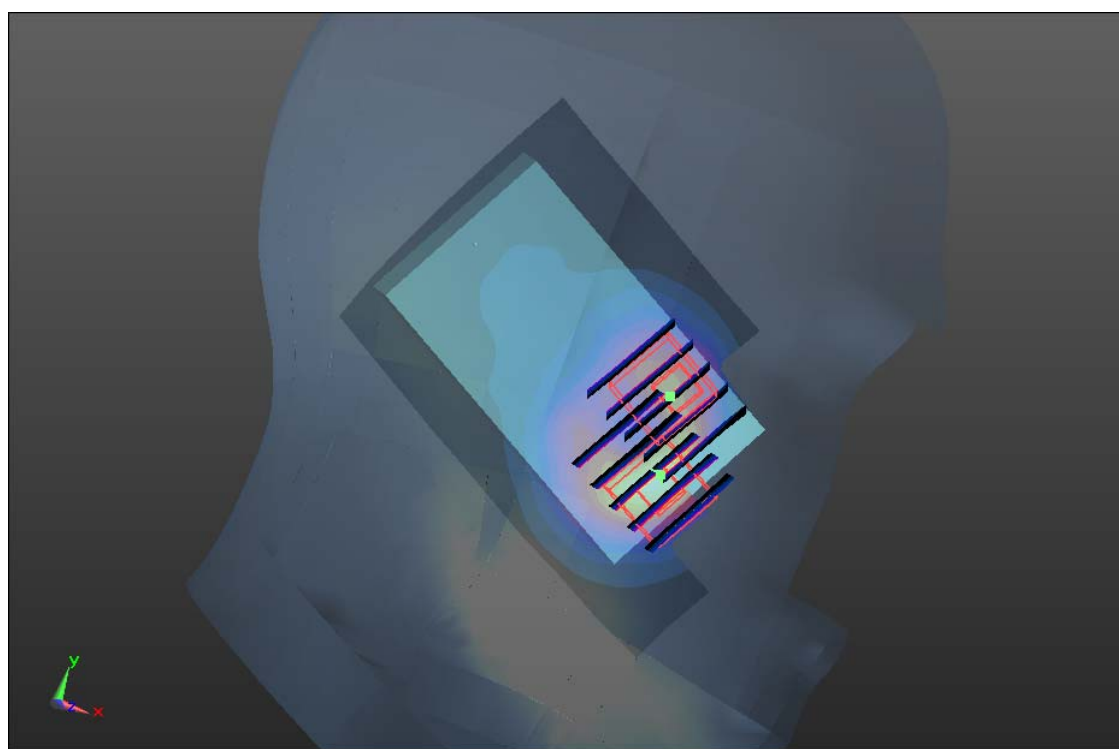
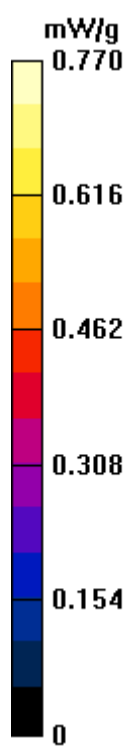
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.552 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.058 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.751 mW/g



#07 GSM1900_Left Cheek_Ch512_2D

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.401$ mho/m; $\epsilon_r =$

39.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.770 mW/g

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

Reference Value = 5.552 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.206 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.723 mW/g

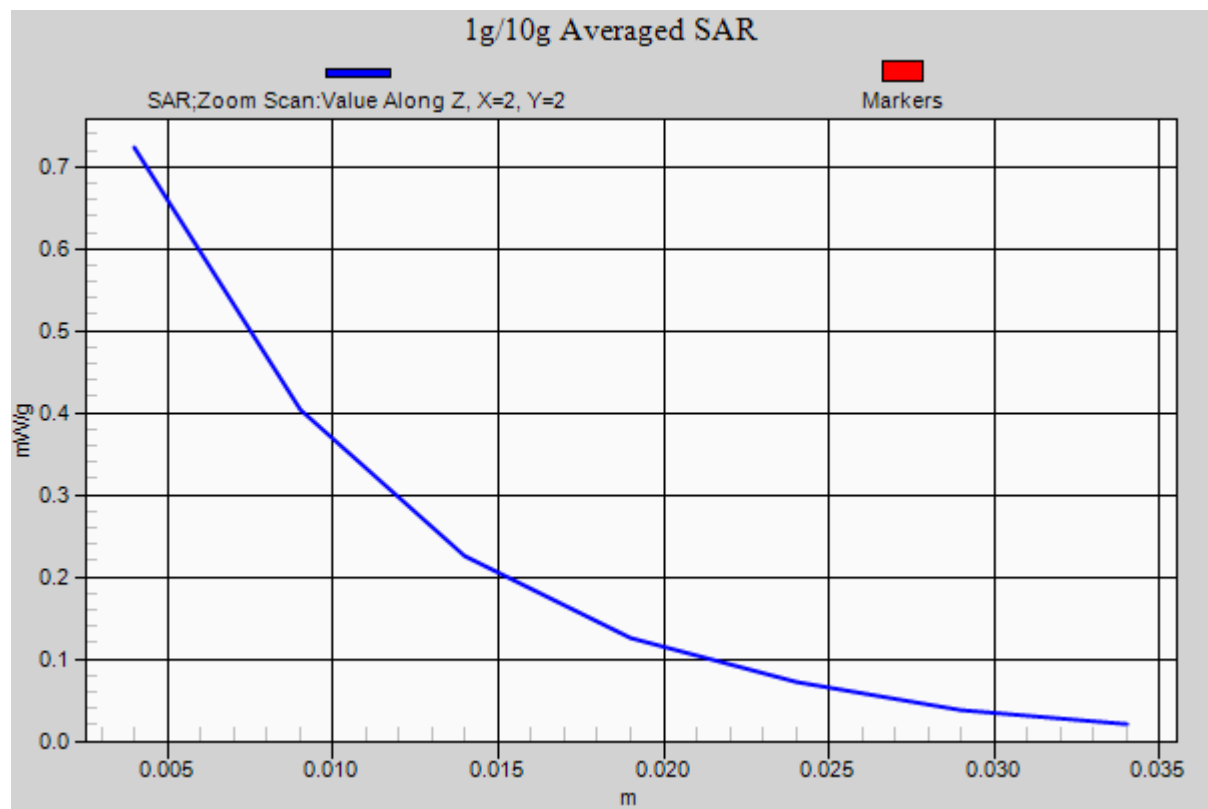
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.552 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.058 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.751 mW/g



#08 GSM1900_Left Tilted_Ch512

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.401$ mho/m; $\epsilon_r =$

39.311; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.200 mW/g

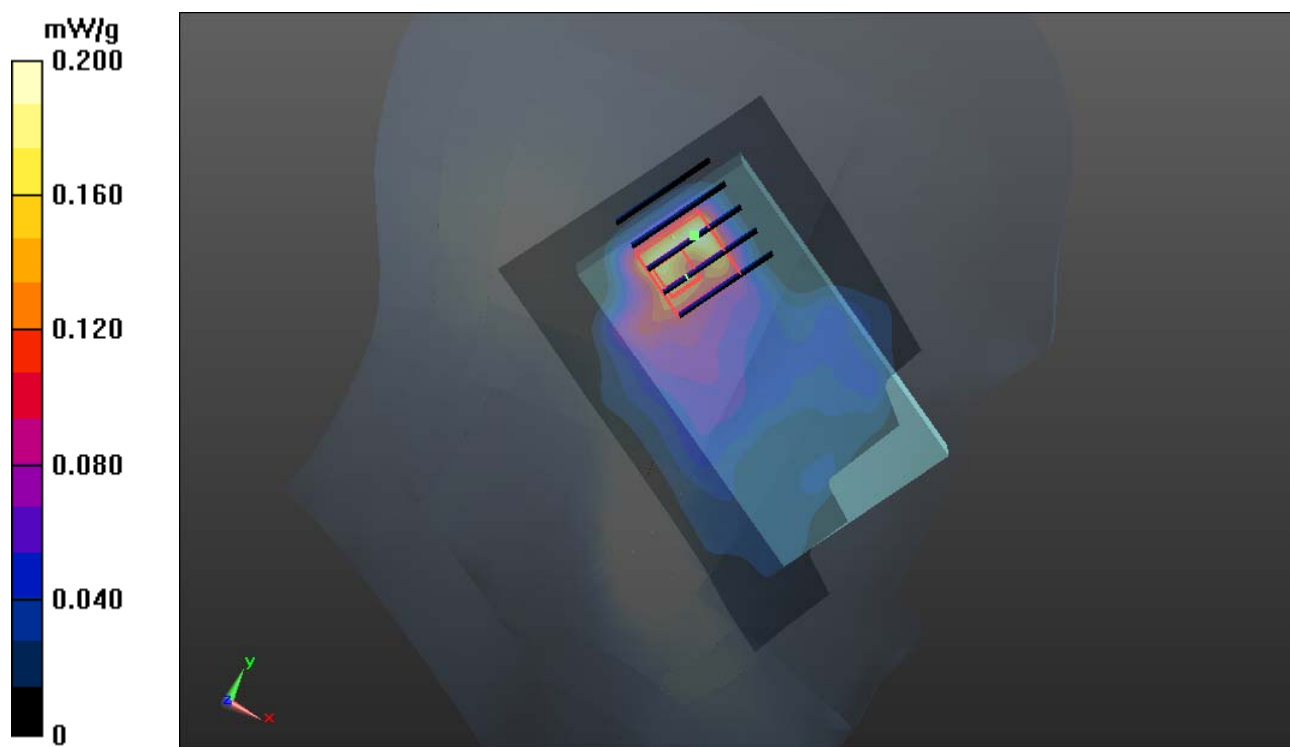
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.381 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



#09 WCDMA V_RMC12.2K_Right Cheek_Ch4132

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.767 mW/g

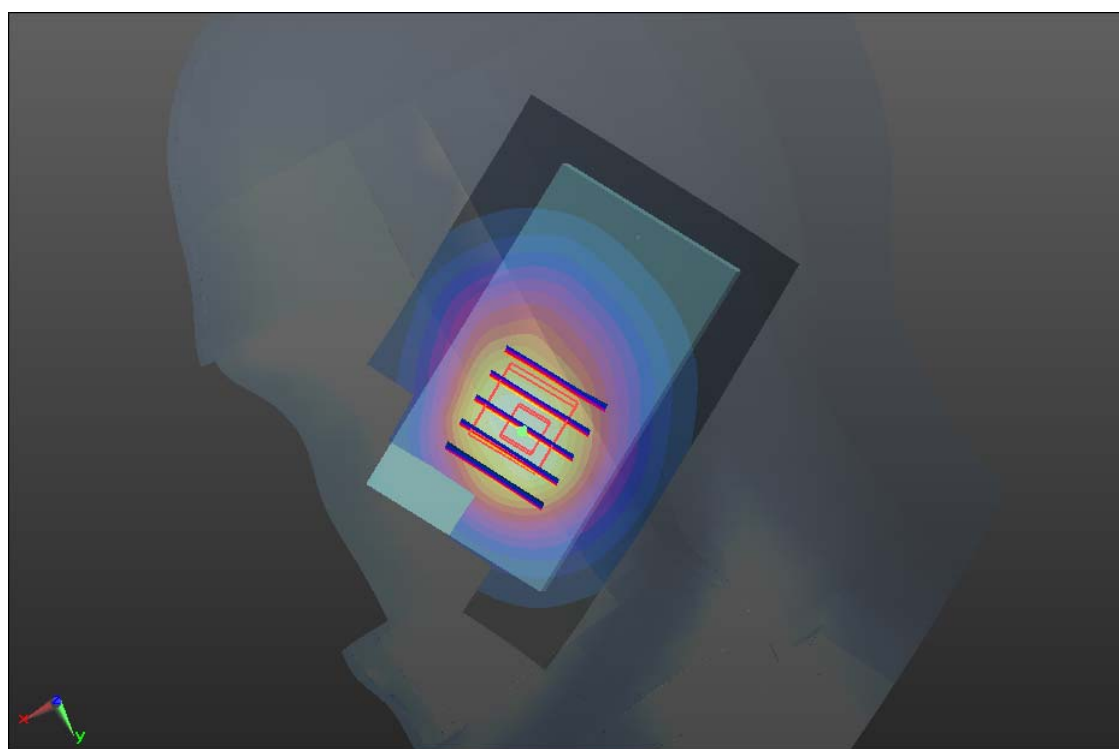
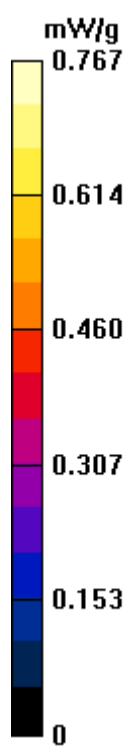
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.167 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.935 W/kg

SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 0.745 mW/g



#10 WCDMA V_RMC12.2K_Right Tilted_Ch4132

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.360 mW/g

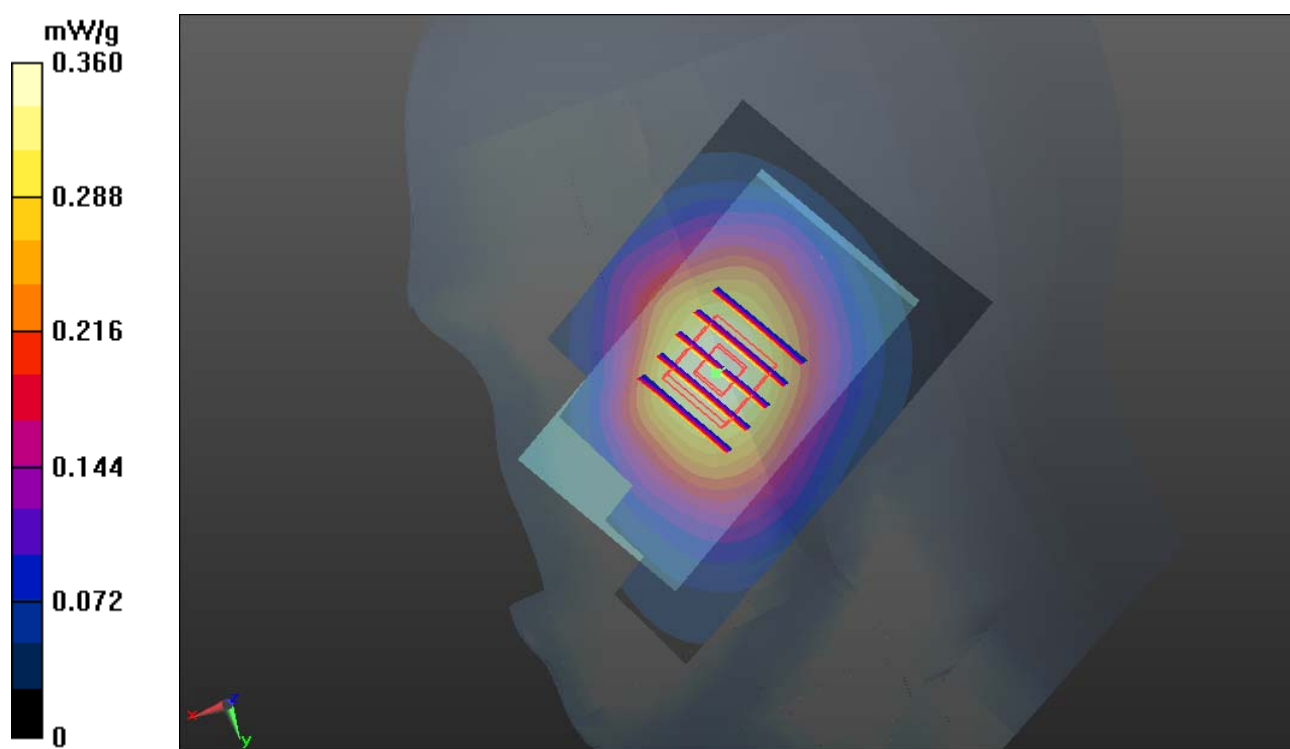
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.291 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



#11 WCDMA V_RMC12.2K_Left Cheek_Ch4132

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.901 mW/g

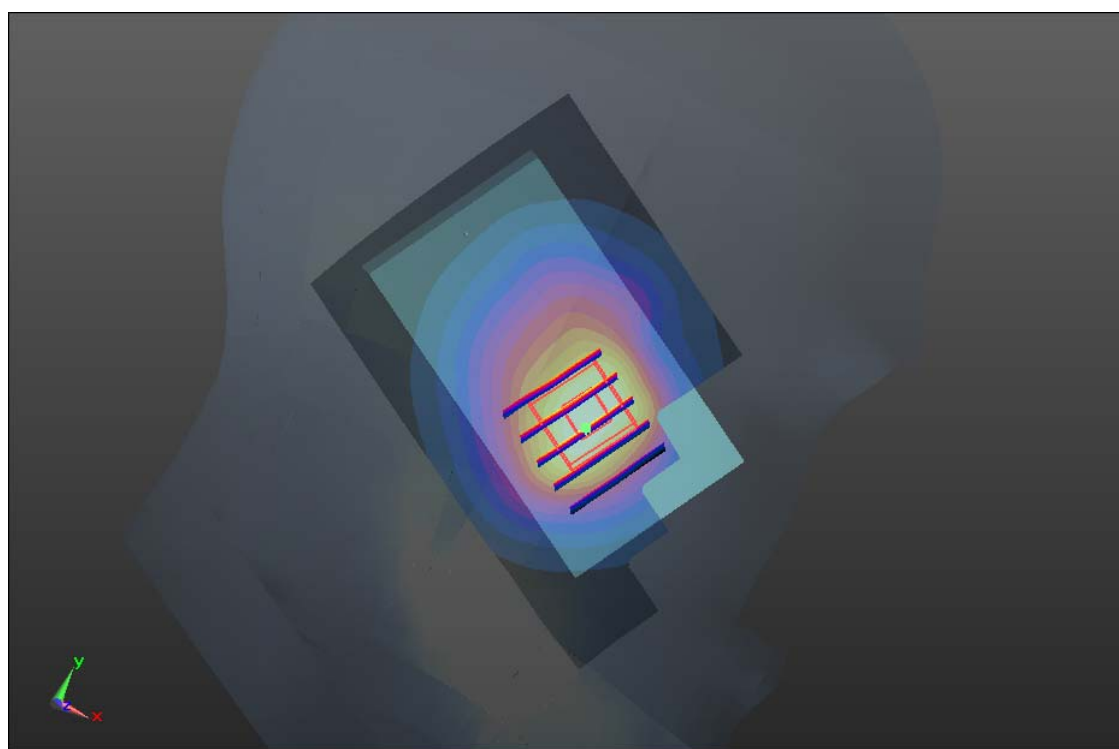
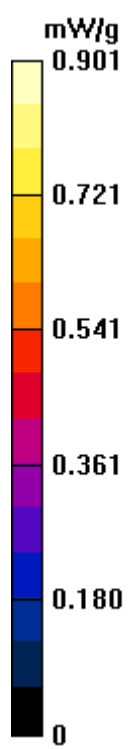
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.014 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.039 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 0.863 mW/g



#11 WCDMA V_RMC12.2K_Left Cheek_Ch4132_2D

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.901 mW/g

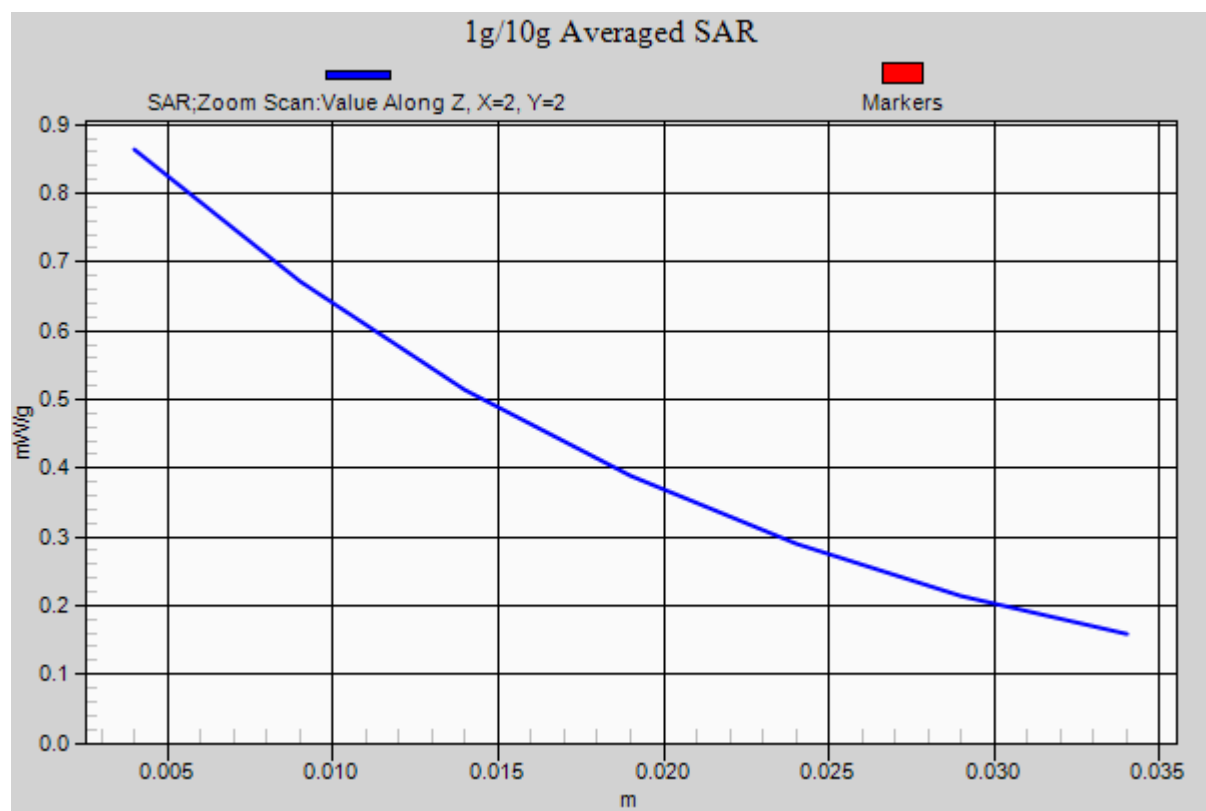
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.014 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.039 W/kg

SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.588 mW/g

Maximum value of SAR (measured) = 0.863 mW/g



#12 WCDMA V_RMC12.2K_Left Tilted_Ch4132

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r =$

41.902; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4132/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.436 mW/g

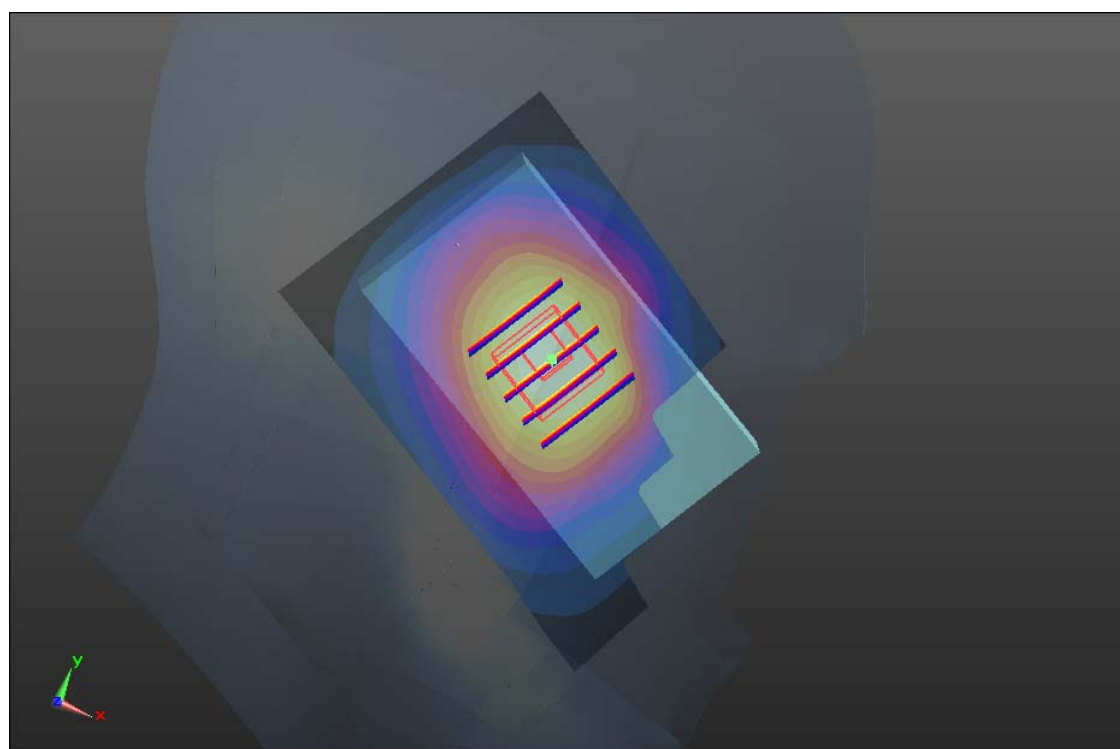
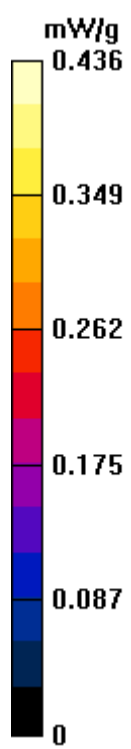
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.149 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



#13 WCDMA V_RMC12.2K_Left Cheek_Ch4182

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.795$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4182/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.695 mW/g

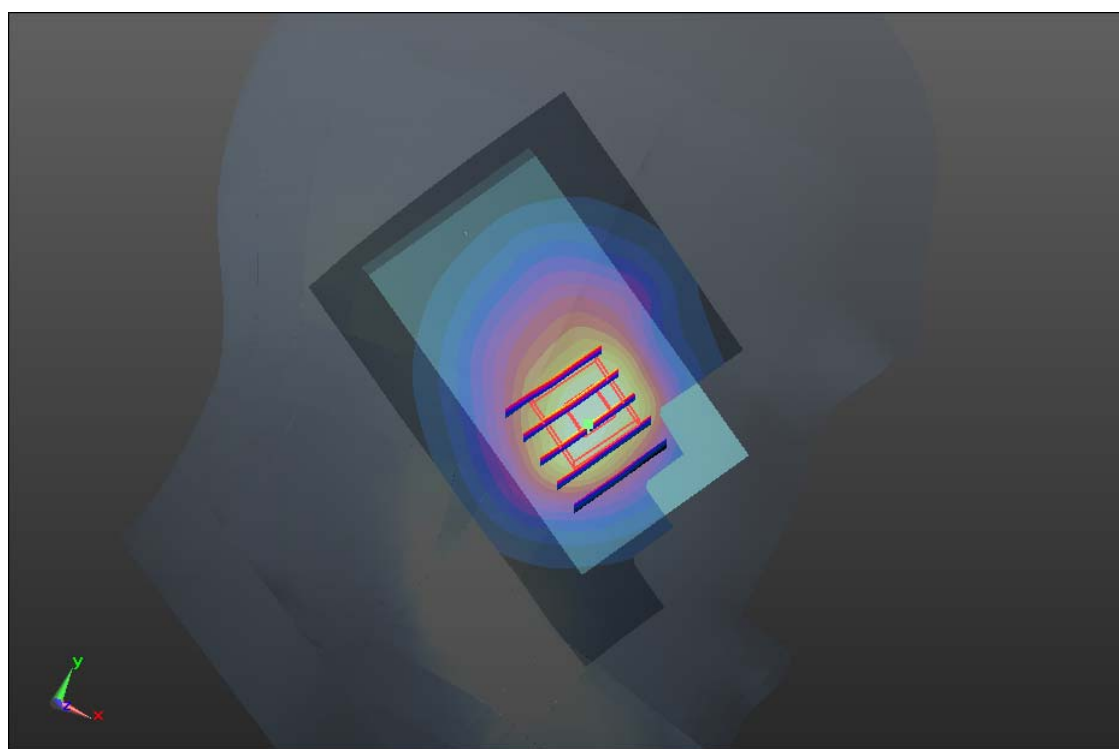
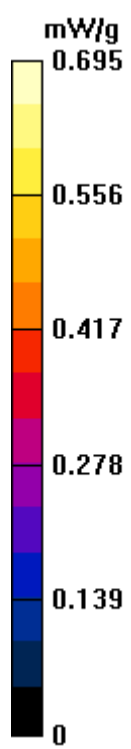
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.704 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



#14 WCDMA V_RMC12.2K_Left Cheek_Ch4233

DUT: 192004-01

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

Medium: HSL_835_120201 Medium parameters used: $f = 847$ MHz; $\sigma = 0.918$ mho/m; $\epsilon_r = 41.672$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch4233/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.635 mW/g

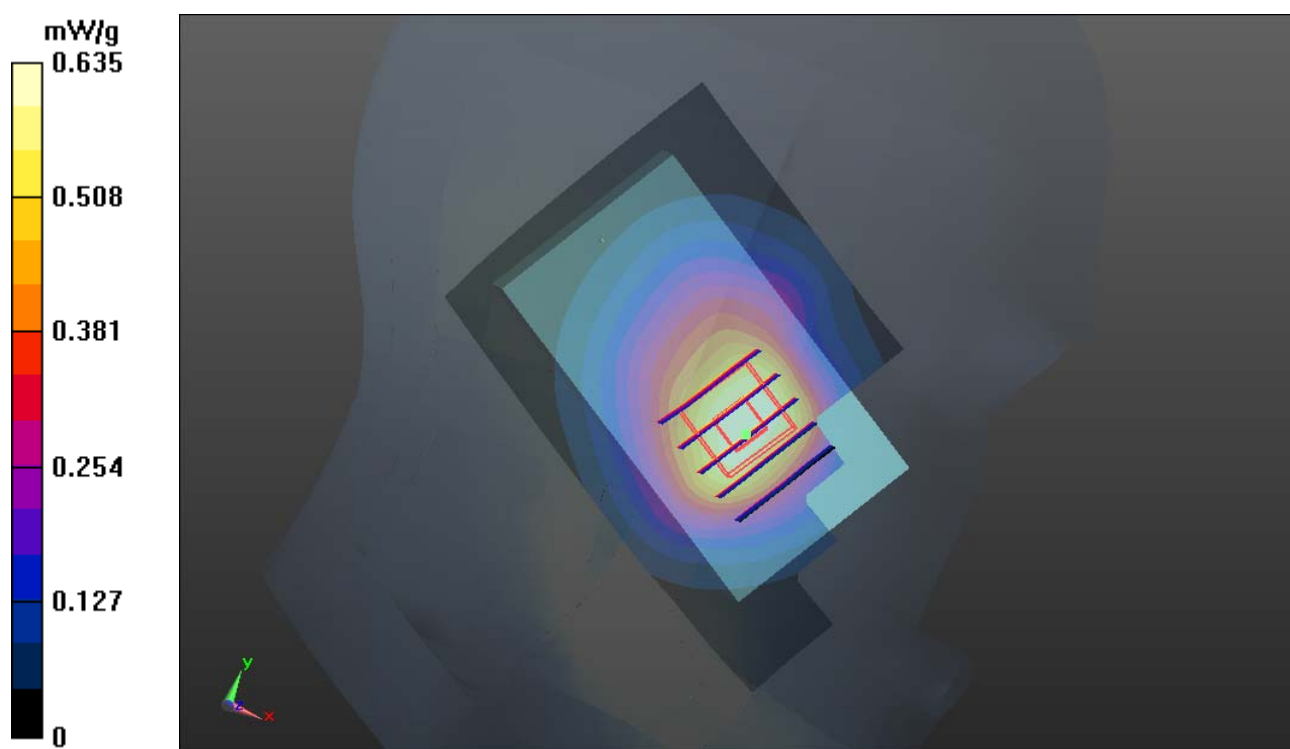
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.371 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.422 mW/g

Maximum value of SAR (measured) = 0.623 mW/g



#15 WCDMA II_RMC12.2K_Right Cheek_Ch9262

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

39.304; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

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

Reference Value = 4.883 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.520 W/kg

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.918 mW/g

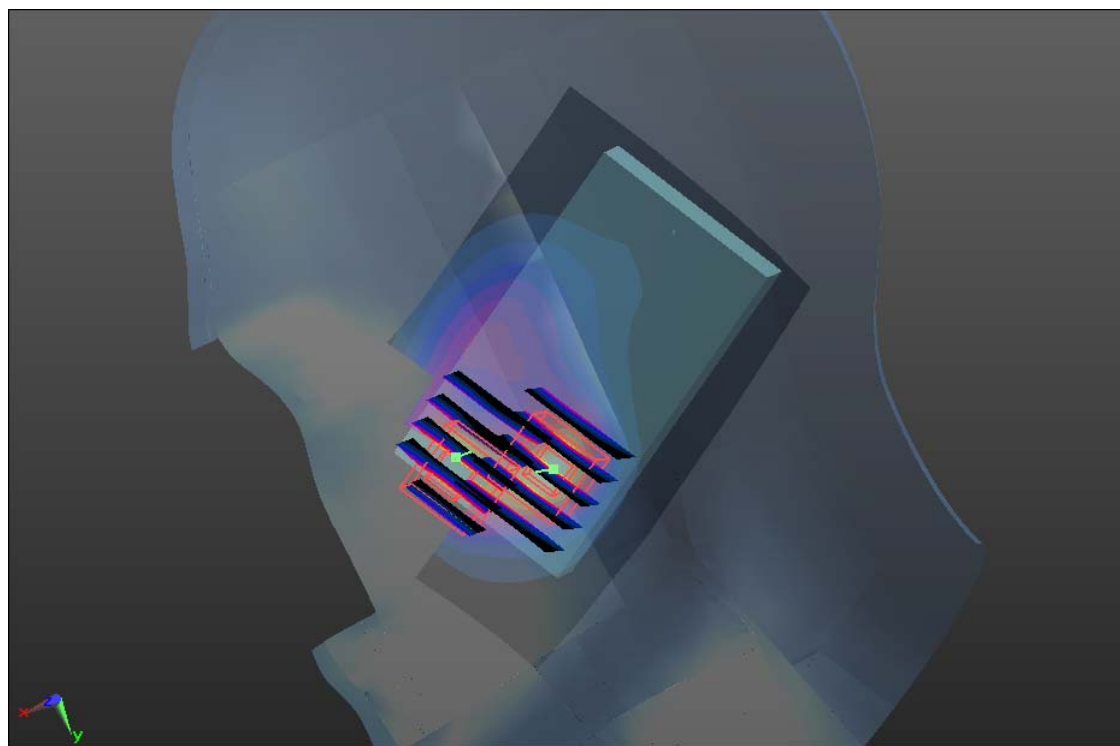
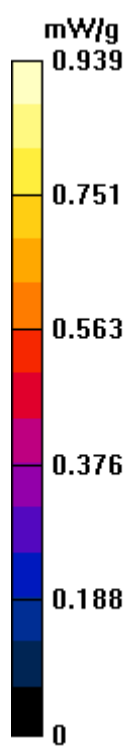
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.883 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.214 W/kg

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.349 mW/g

Maximum value of SAR (measured) = 0.773 mW/g



#16 WCDMA II_RMC12.2K_Right Tilted_Ch9262

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

39.304; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

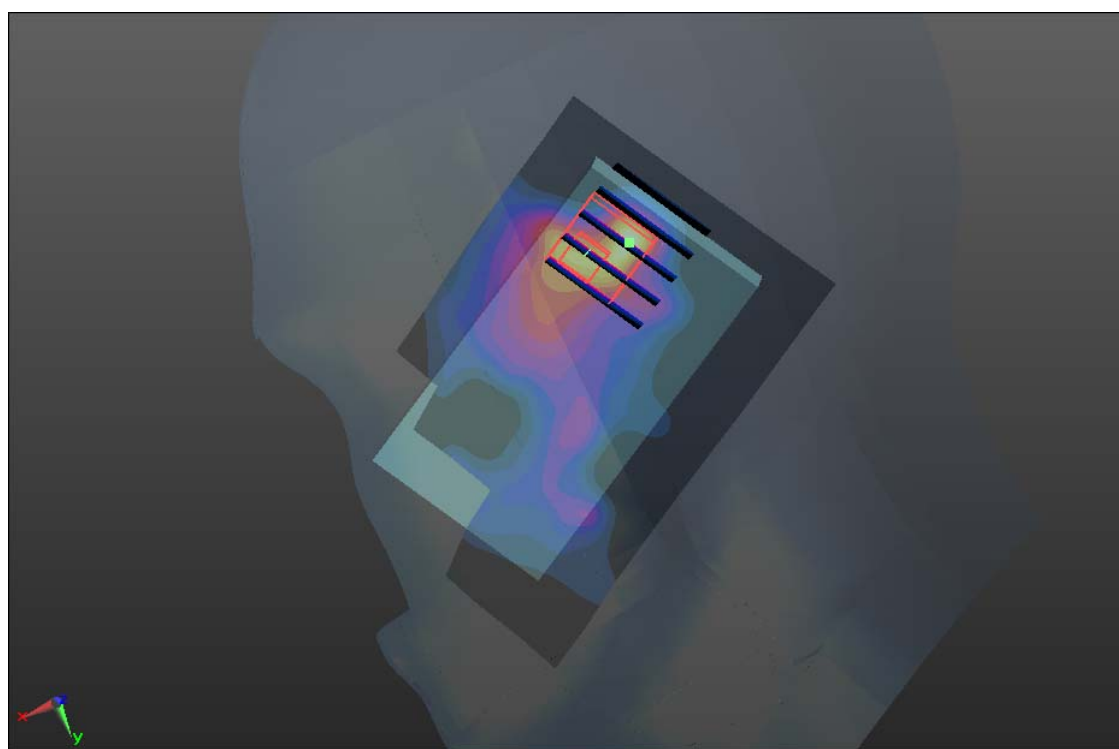
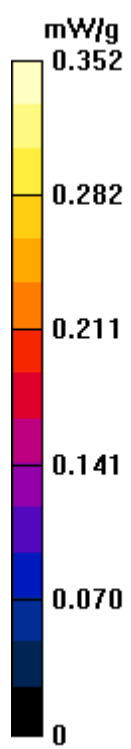
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.447 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.229 mW/g



#17 WCDMA II_RMC12.2K_Left Cheek_Ch9262

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

39.304; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 1.019 mW/g

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

Reference Value = 7.377 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.728 W/kg

SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.473 mW/g

Maximum value of SAR (measured) = 1.013 mW/g

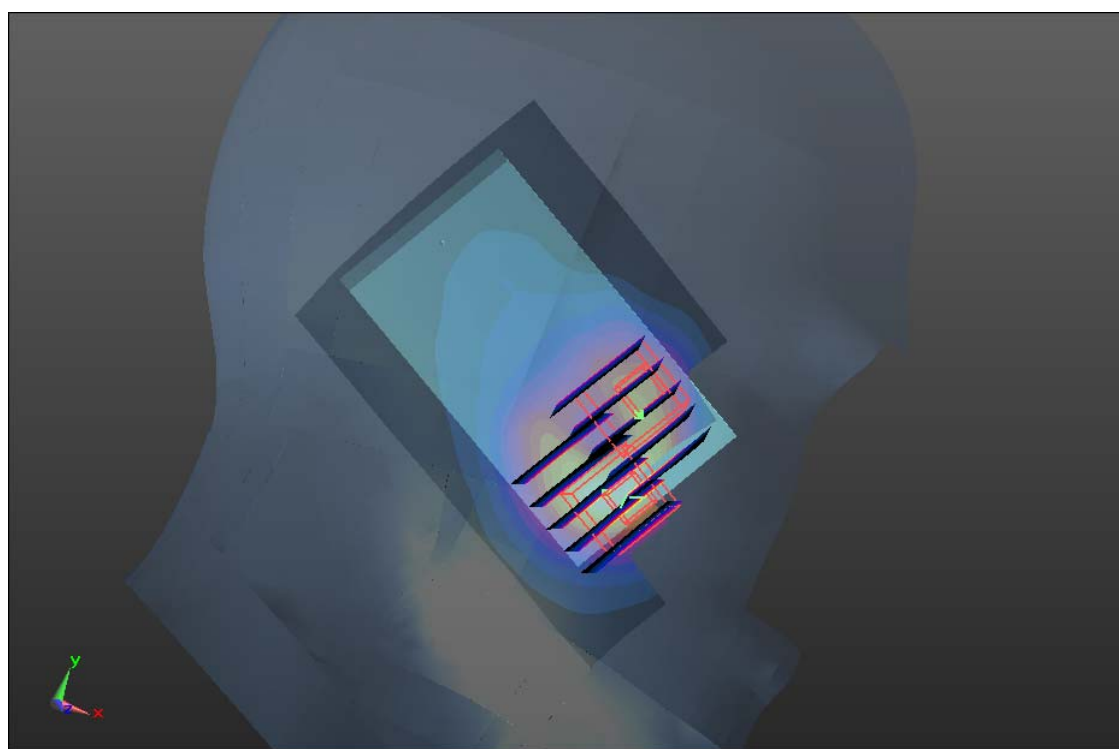
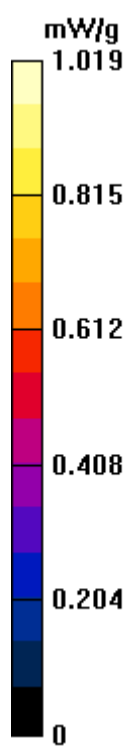
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.377 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.547 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 1.101 mW/g



#18 WCDMA II_RMC12.2K_Left Tilted_Ch9262

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.404$ mho/m; $\epsilon_r =$

39.304; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.261 mW/g

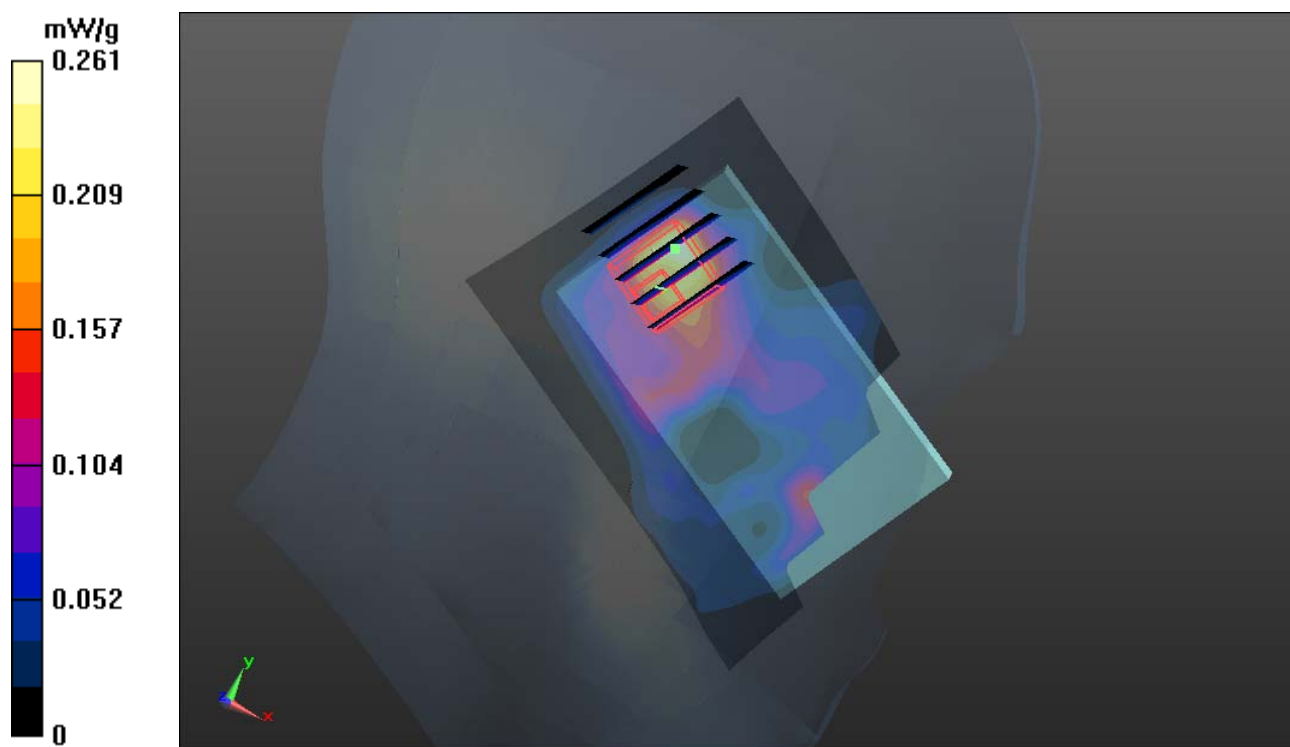
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.965 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



#19 WCDMA II_RMC12.2K_Right Cheek_Ch9400

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.205; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 1.114 mW/g

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

Reference Value = 5.850 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.797 W/kg

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 1.068 mW/g

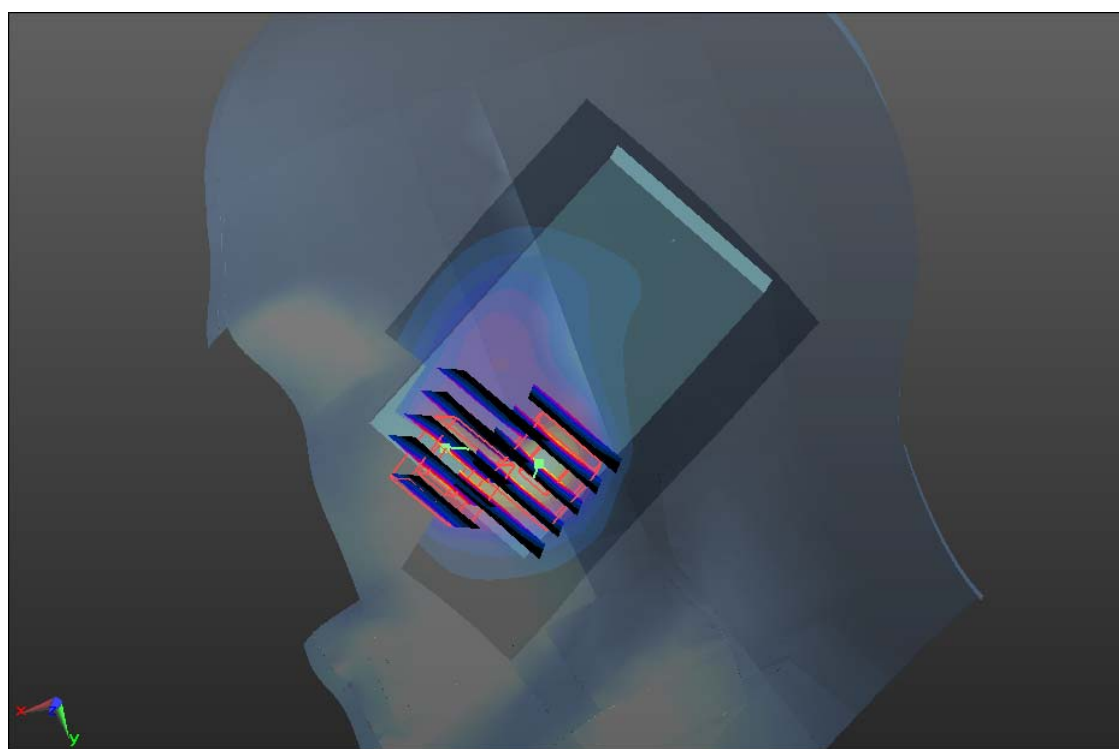
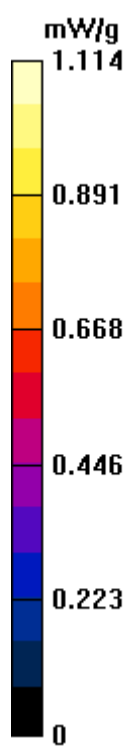
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.850 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.417 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.869 mW/g



#20 WCDMA II_RMC12.2K_Right Cheek_Ch9538

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$

39.105 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 1.074 mW/g

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

Reference Value = 6.090 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.818 W/kg

SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 1.041 mW/g

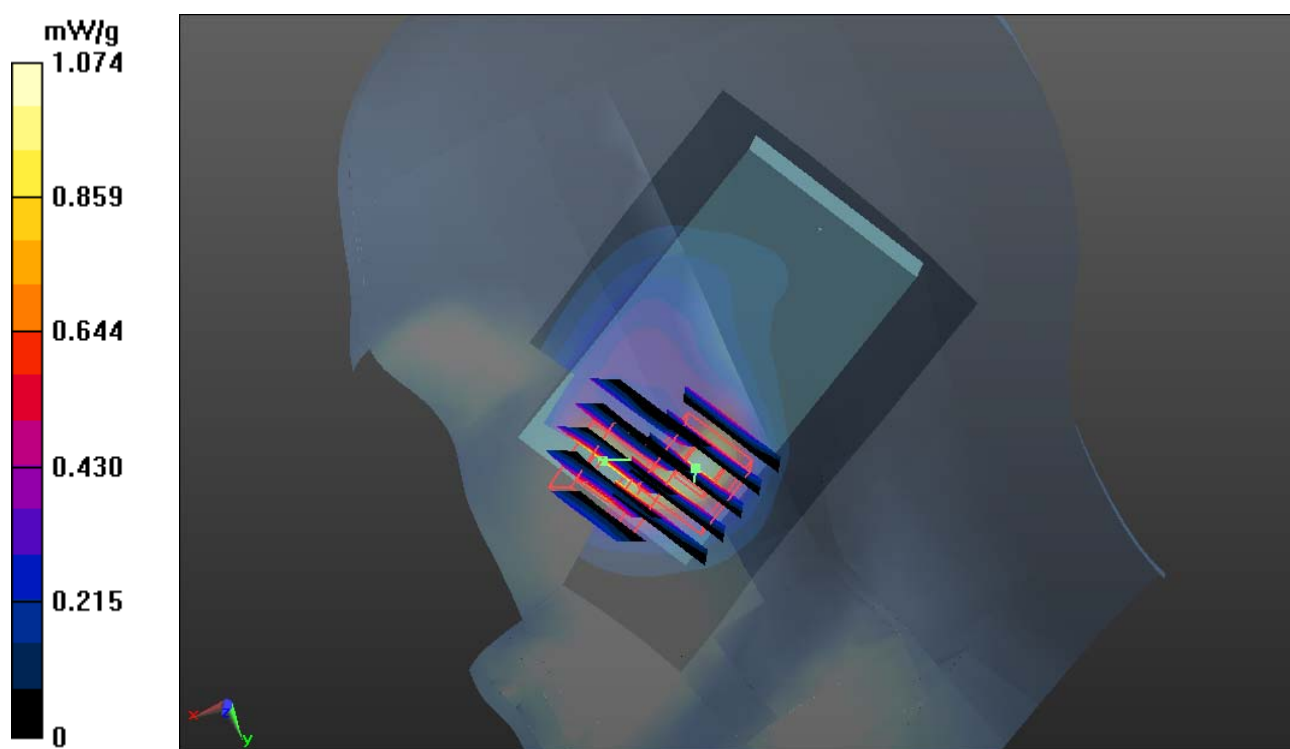
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.090 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.552 W/kg

SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 1.006 mW/g



#21 WCDMA II_RMC12.2K_Left Cheek_Ch9400

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.205; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

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

Reference Value = 7.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.735 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 1.017 mW/g

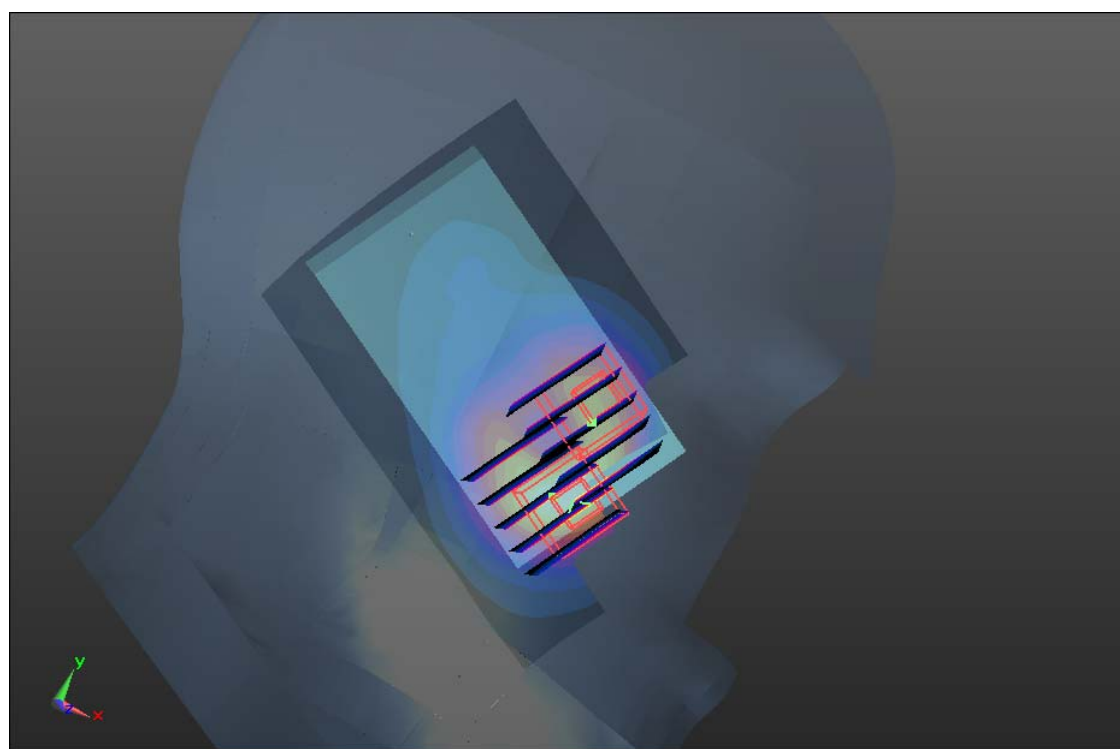
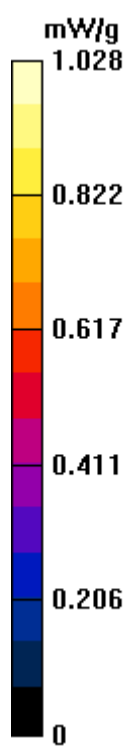
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.592 W/kg

SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 1.126 mW/g



#21 WCDMA II_RMC12.2K_Left Cheek_Ch9400_2D

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

39.205; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

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

Reference Value = 7.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.735 W/kg

SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 1.017 mW/g

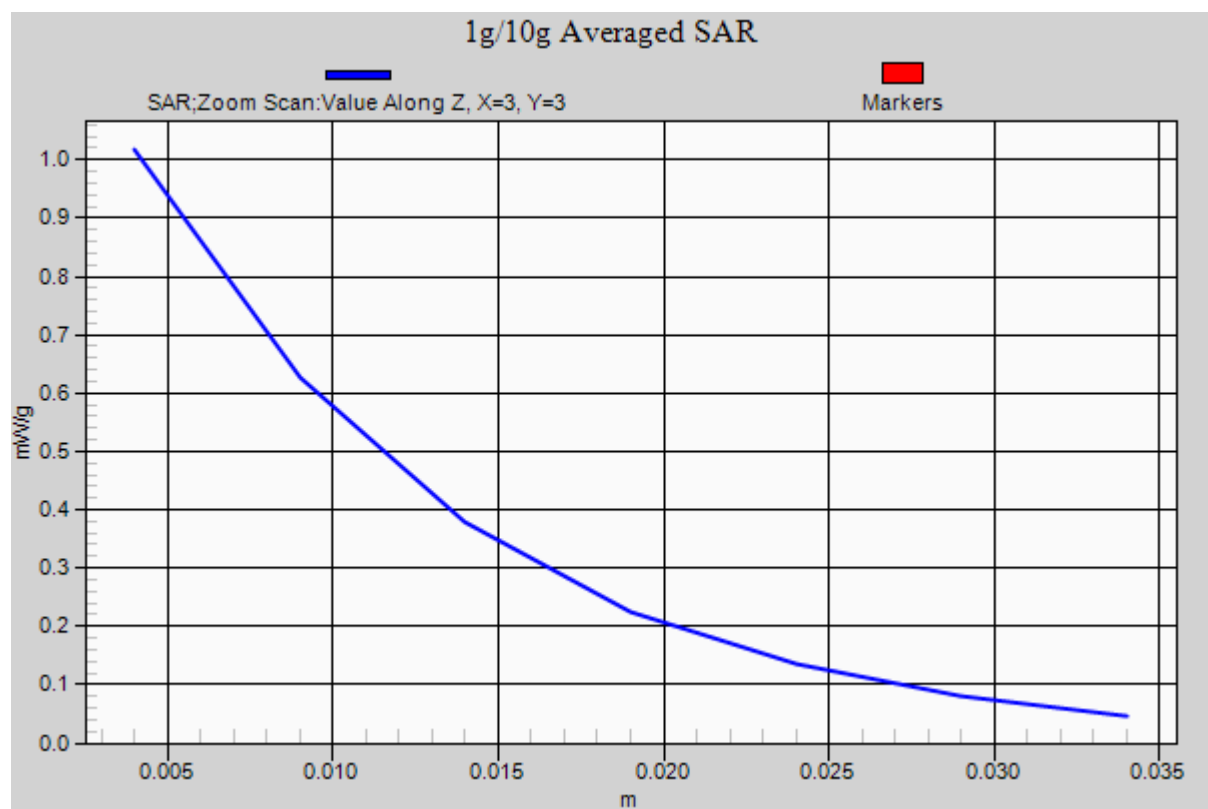
Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.592 W/kg

SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 1.126 mW/g



#22 WCDMA II_RMC12.2K_Left Cheek_Ch9538

DUT: 192004-01

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

Medium: HSL_1900_120201 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.458$ mho/m; $\epsilon_r =$

39.105; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

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

Reference Value = 7.217 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.683 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 1.067 mW/g

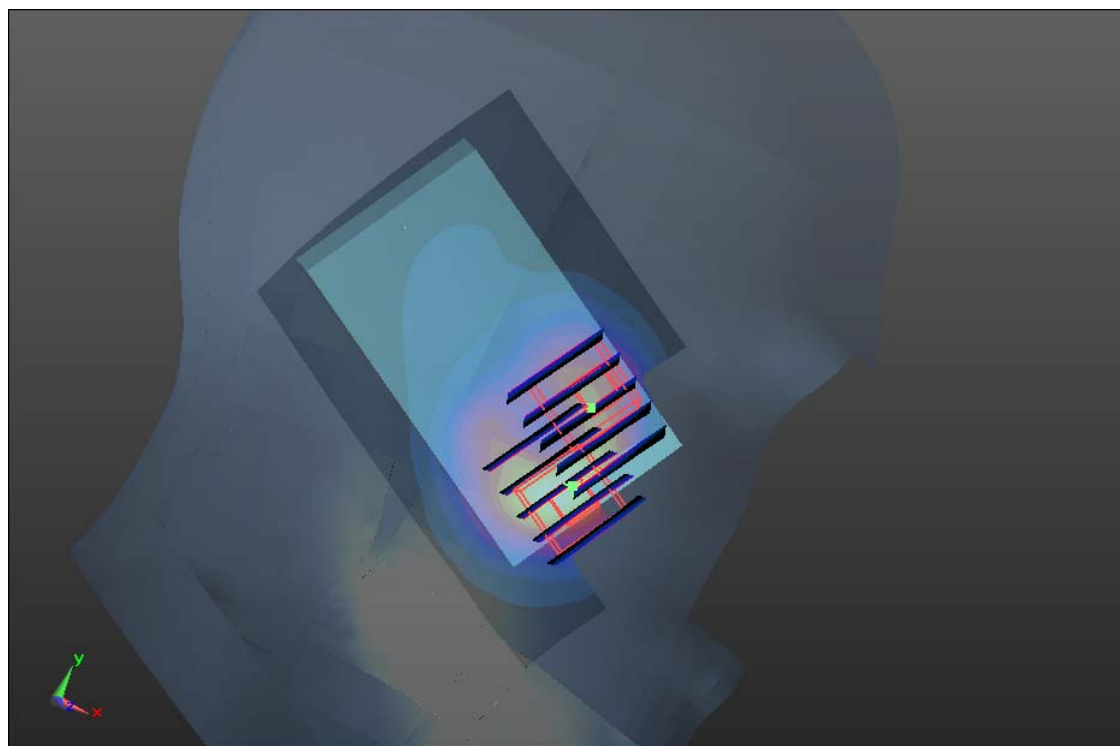
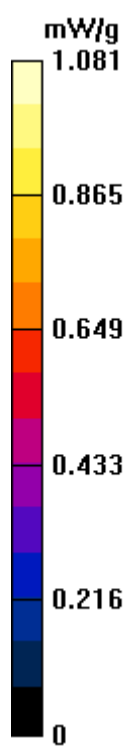
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.217 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.557 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.346 mW/g

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



#51 802.11b_Right Cheek_Ch6_1M_18

DUT: 192004-01

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

Medium: HSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.070 mW/g

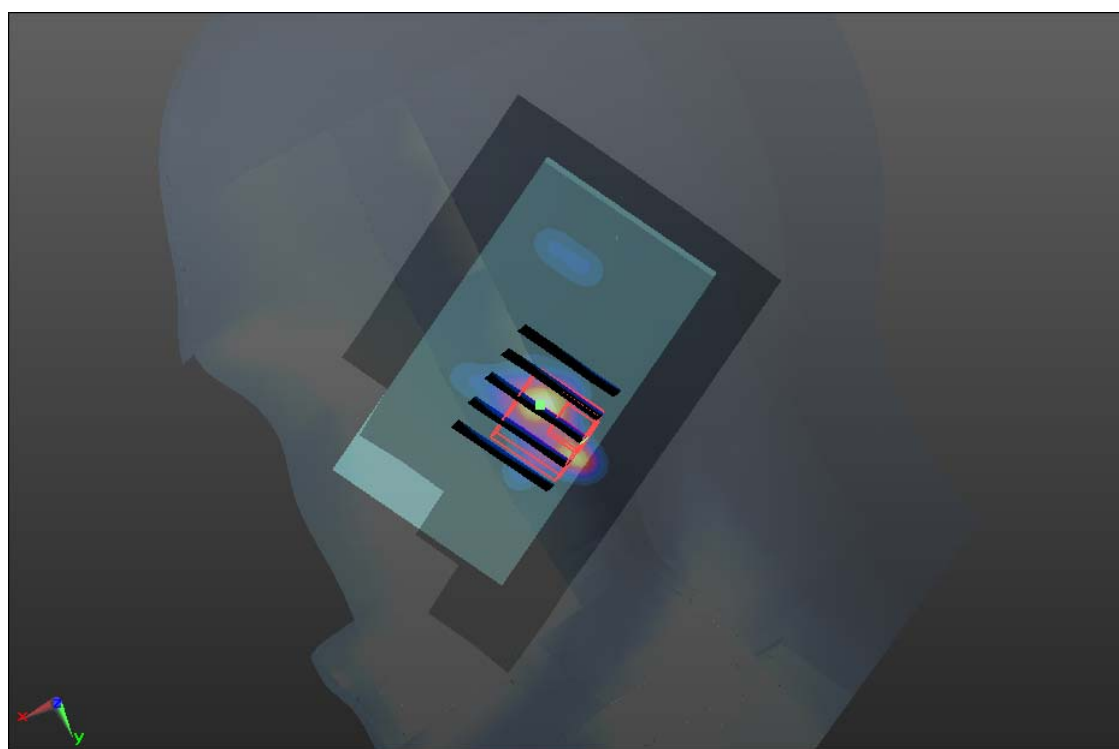
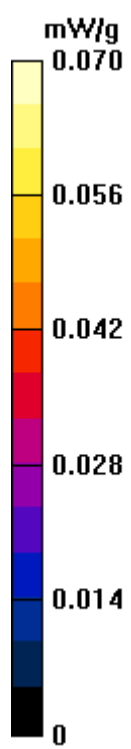
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.441 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.039 mW/g



#52 802.11b_Right Tilted_Ch6_1M_18

DUT: 192004-01

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

Medium: HSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

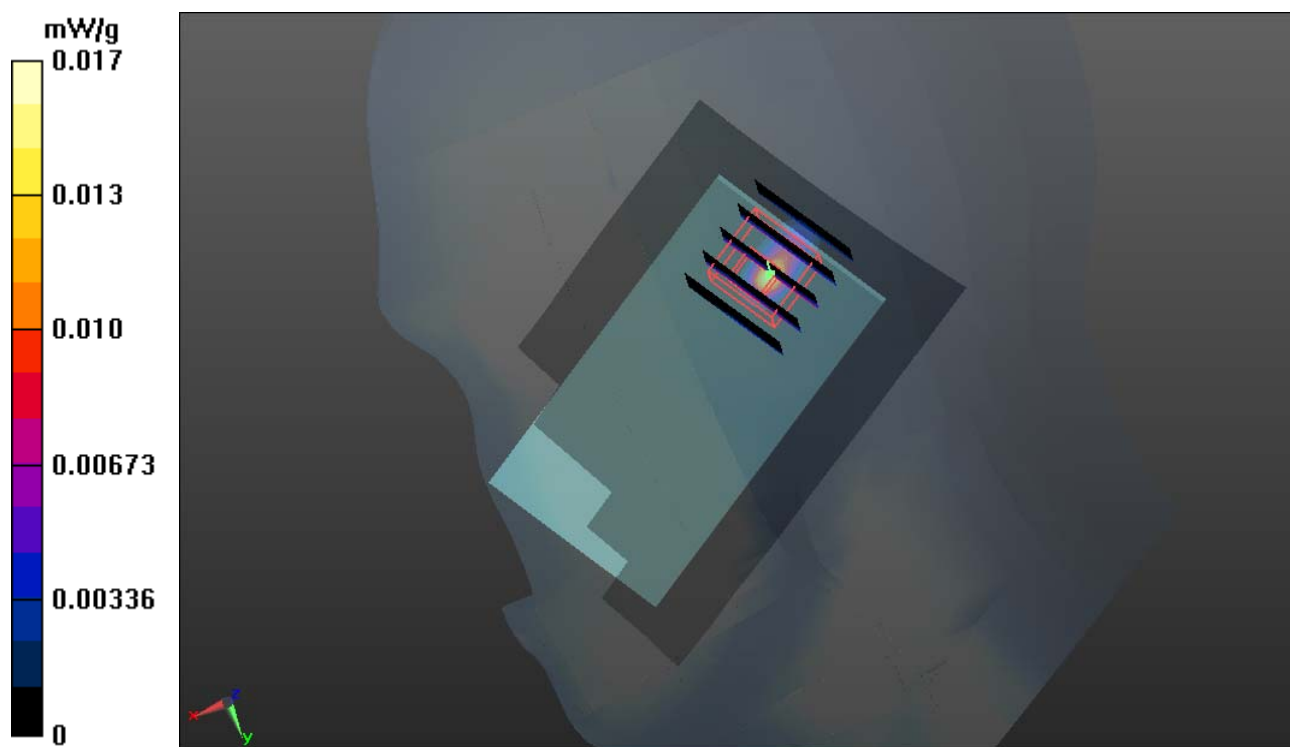
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.445 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.022 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00426 mW/g

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



#53 802.11b_Left Cheek_Ch6_1M_18

DUT: 192004-01

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

Medium: HSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.064 mW/g

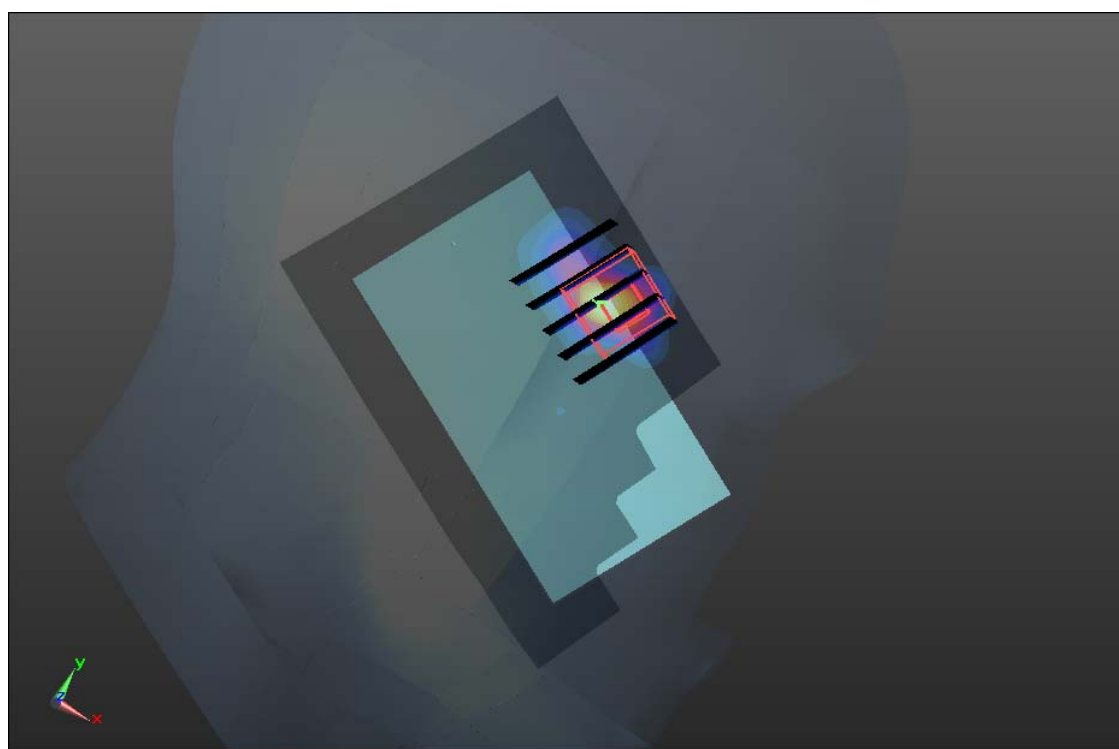
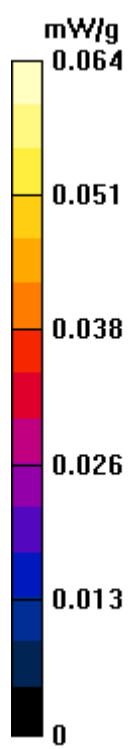
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.034 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.046 mW/g



#53 802.11b_Left Cheek_Ch6_1M_18_2D

DUT: 192004-01

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

Medium: HSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.064 mW/g

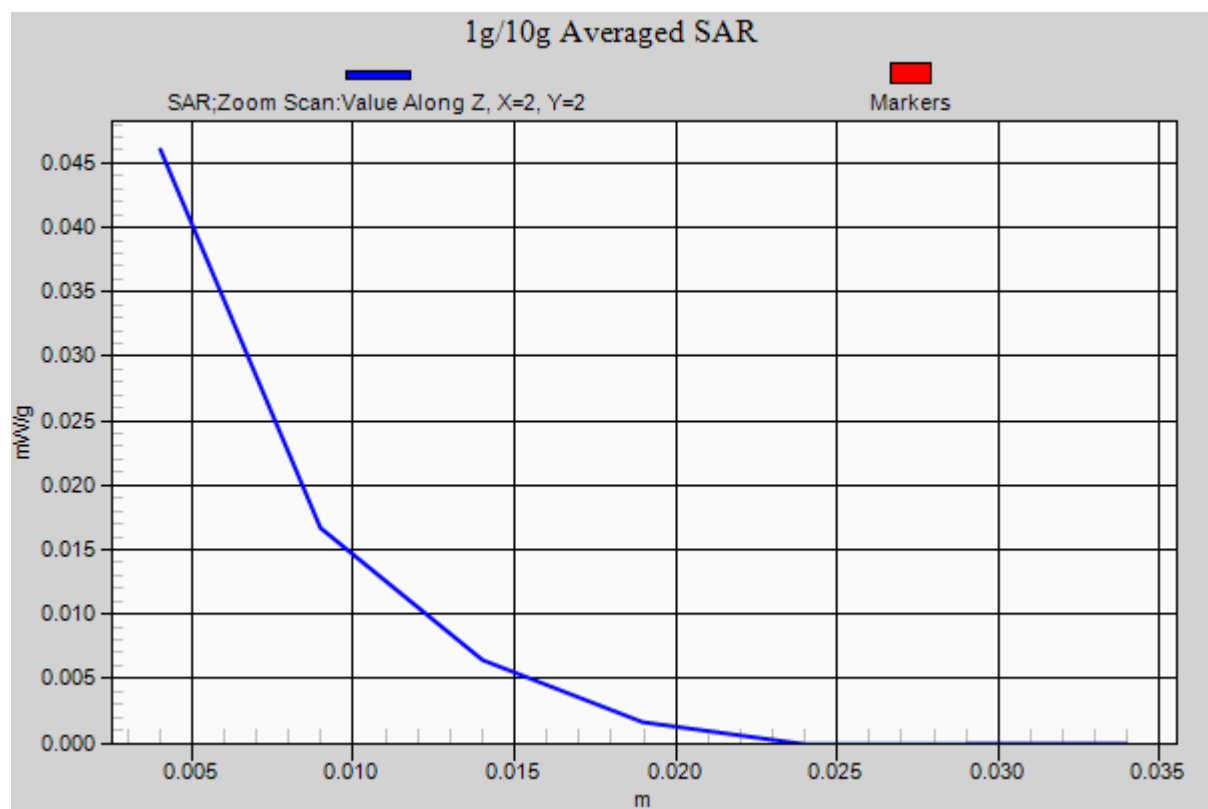
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.034 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.046 mW/g



#54 802.11b_Left Tilted_Ch6_1M_18

DUT: 192004-01

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

Medium: HSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.809$ mho/m; $\epsilon_r =$

38.036; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

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

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

Reference Value = 2.591 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00533 mW/g

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

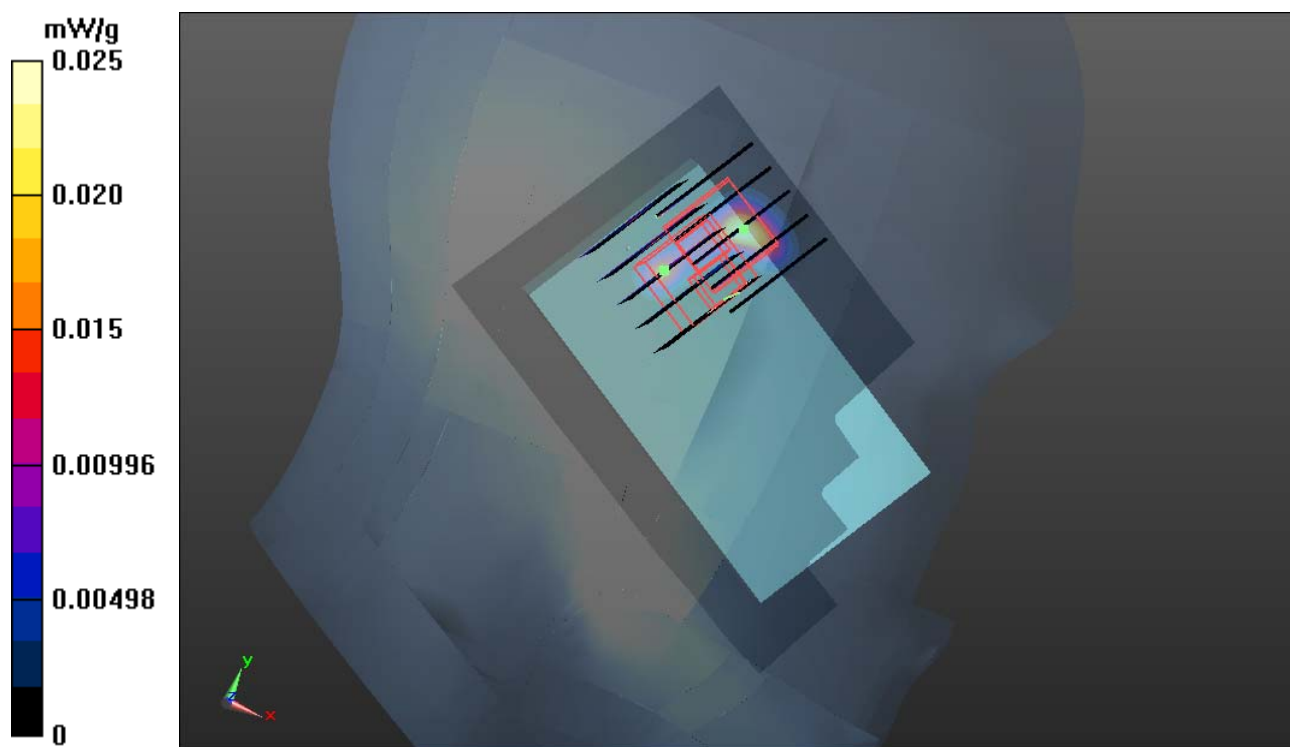
Configuration/Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.591 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.00344 mW/g; SAR(10 g) = 0.0005 mW/g

Maximum value of SAR (measured) = 0.294 mW/g



#23 GSM850_GPRS10_Front_1.0cm_Ch128

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

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

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

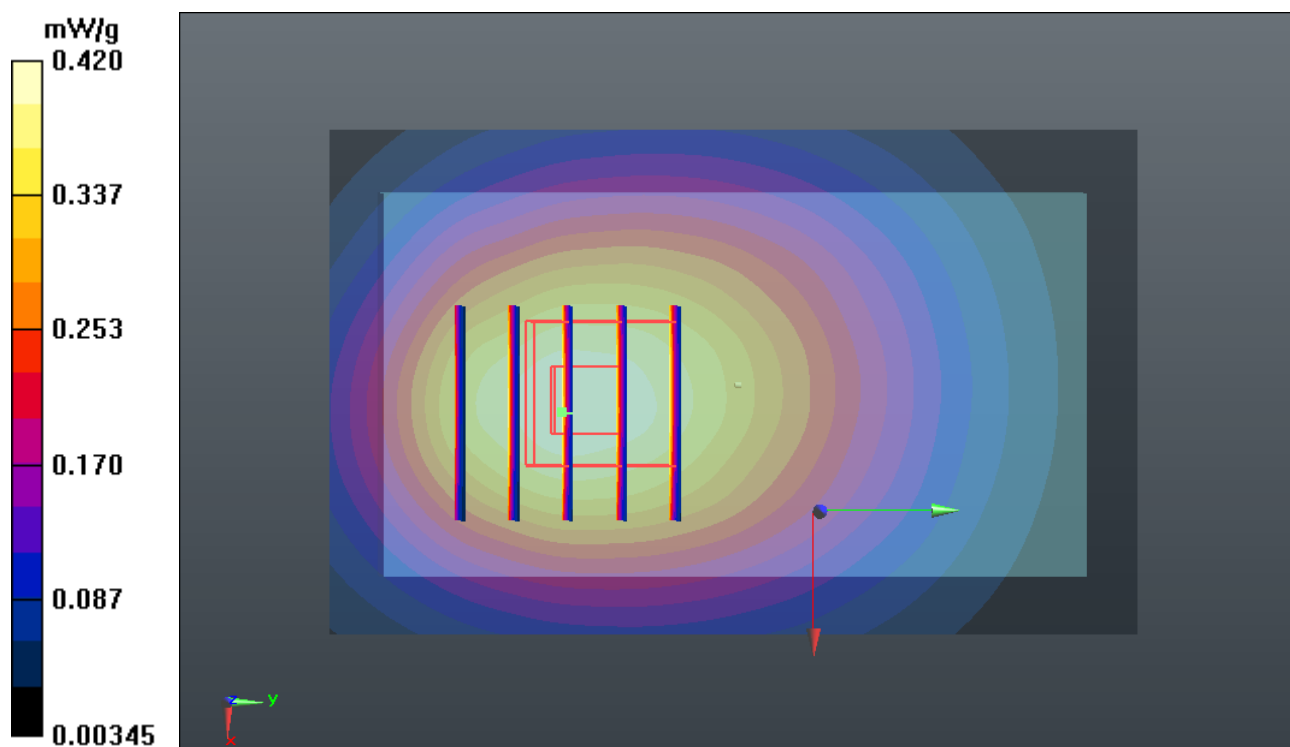
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.527 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.405 mW/g



#24 GSM850_GPRS10_Back_1.0cm_Ch128

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

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

Maximum value of SAR (interpolated) = 0.491 mW/g

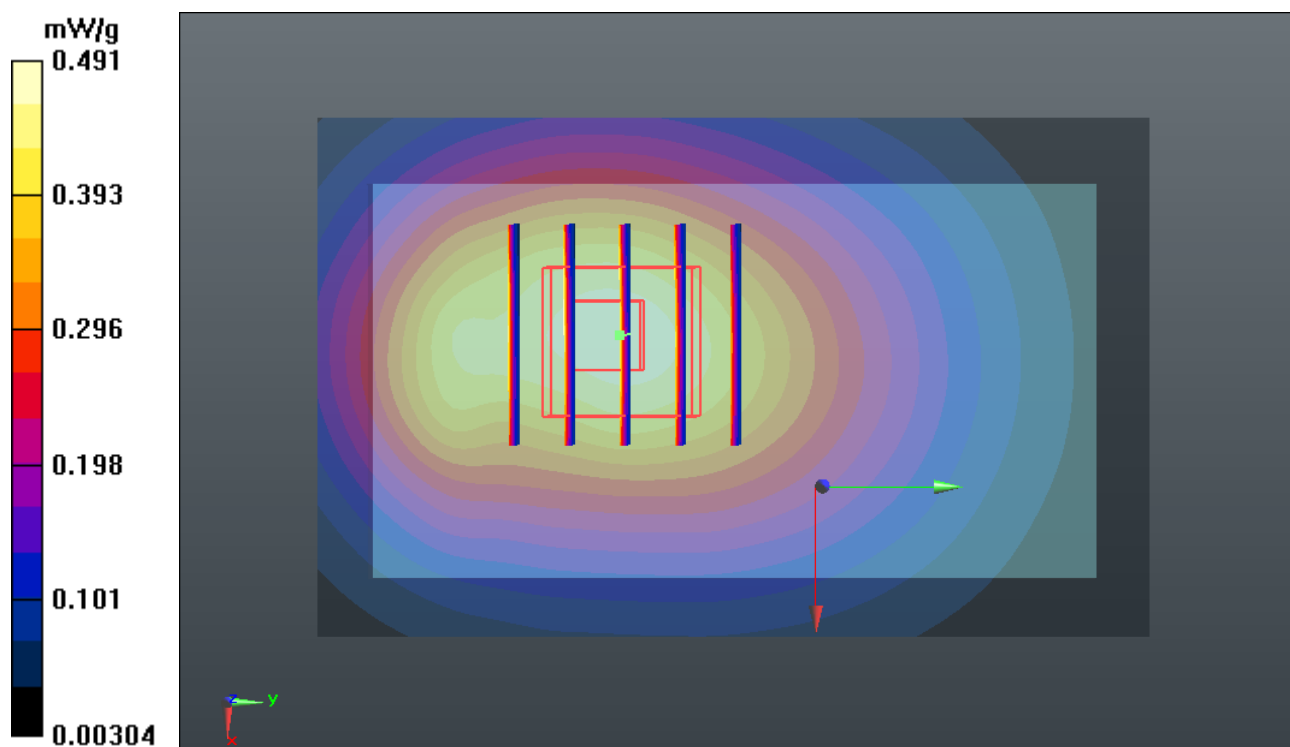
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.986 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.491 mW/g



#24 GSM850_GPRS10_Back_1.0cm_Ch128_2D

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825 \text{ MHz}$; $\sigma = 0.967 \text{ mho/m}$; $\epsilon_r = 54.459$;

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

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

Maximum value of SAR (interpolated) = 0.491 mW/g

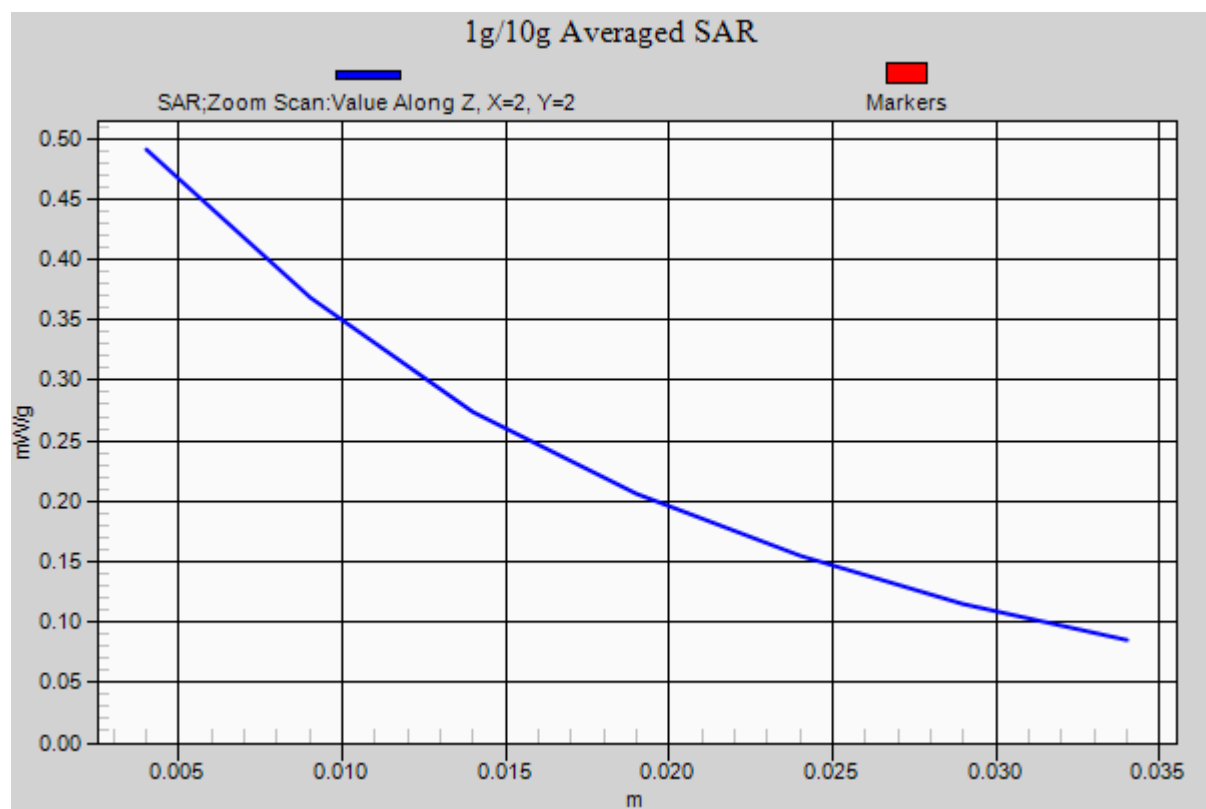
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.986 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.461 mW/g ; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.491 mW/g



#25 GSM850_GPRS10_Left Side_1.0cm_Ch128

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 mW/g

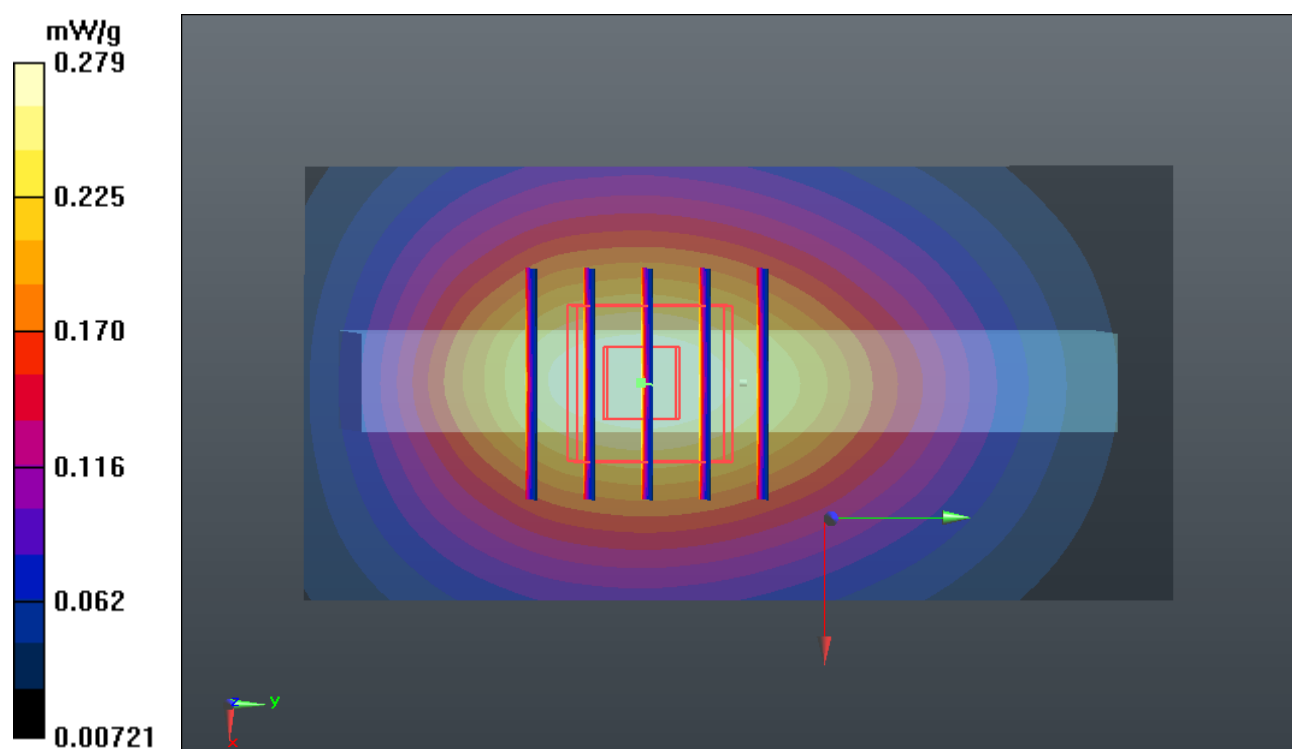
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.339 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.276 mW/g



#26 GSM850_GPRS10_Right Side_1.0cm_Ch128

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.253 mW/g

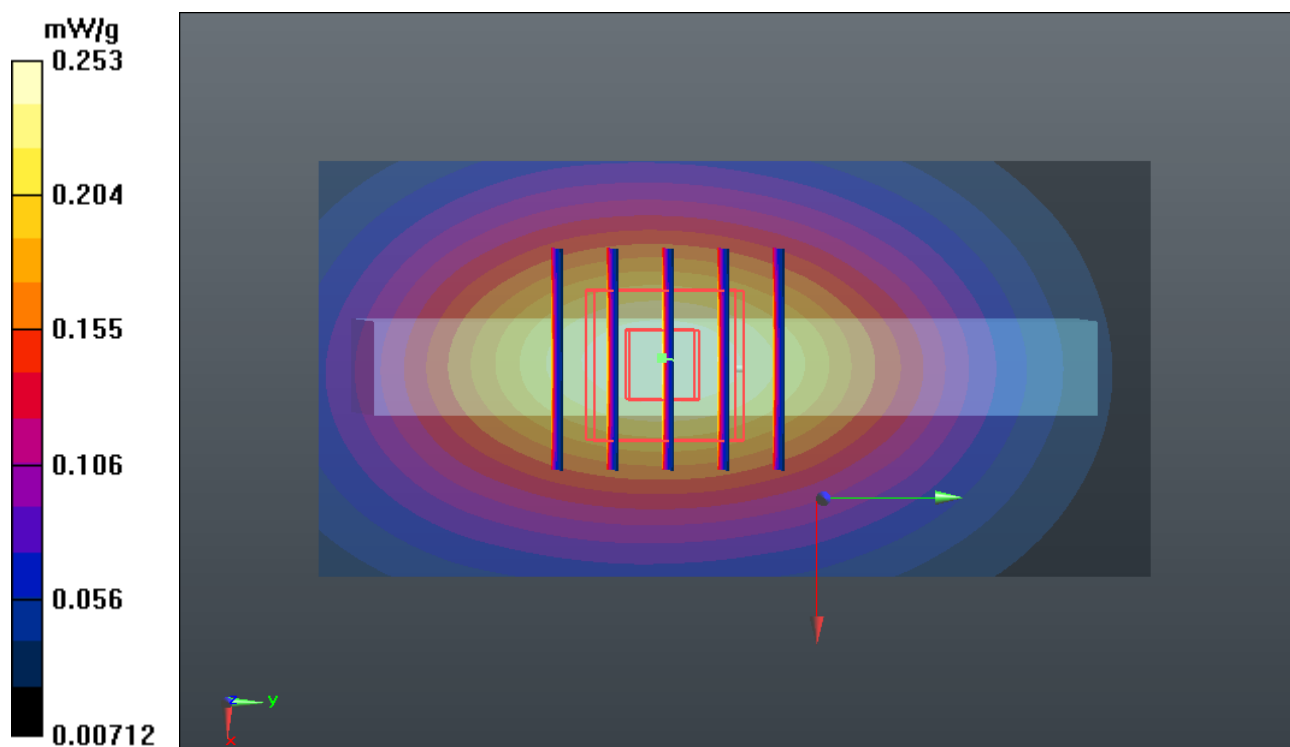
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.782 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.251 mW/g



#27 GSM850_GPRS10_Bottom Side_1.0cm_Ch128

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

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

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

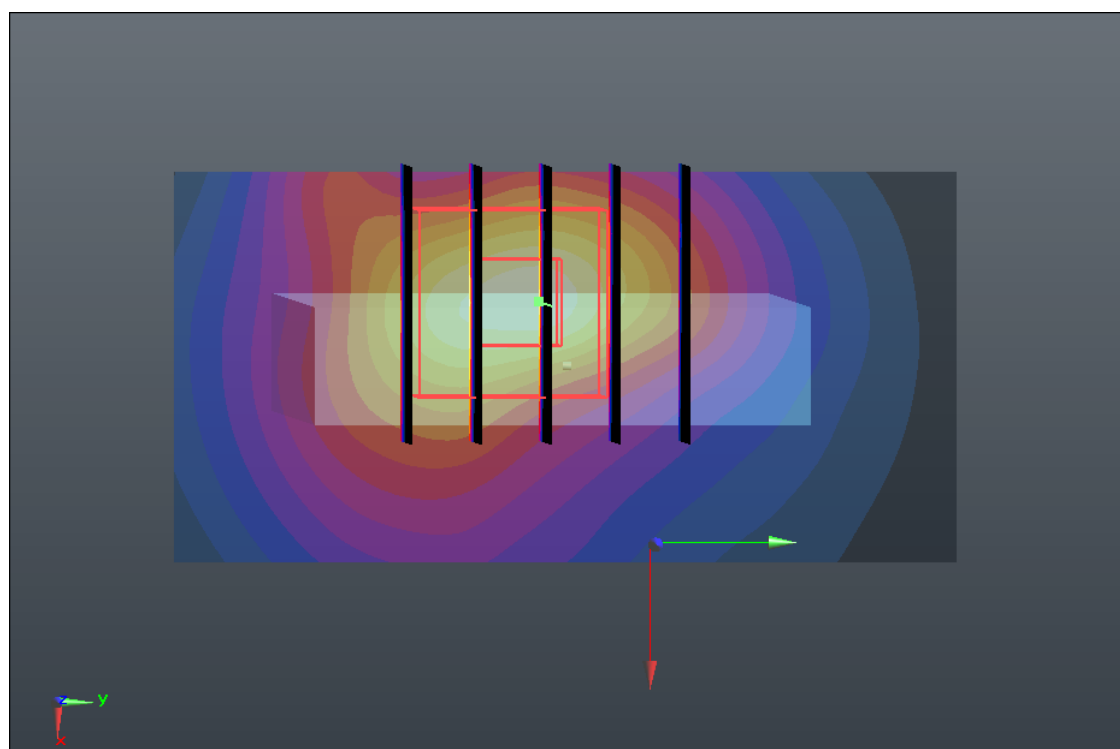
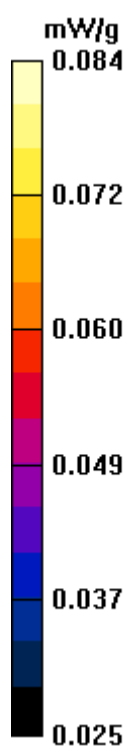
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.410 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.048 mW/g

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



#28 GSM850_GPRS10_Back_1.0cm_Ch128_Earphone

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.459$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

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

Maximum value of SAR (interpolated) = 0.426 mW/g

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

Reference Value = 18.613 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.422 mW/g

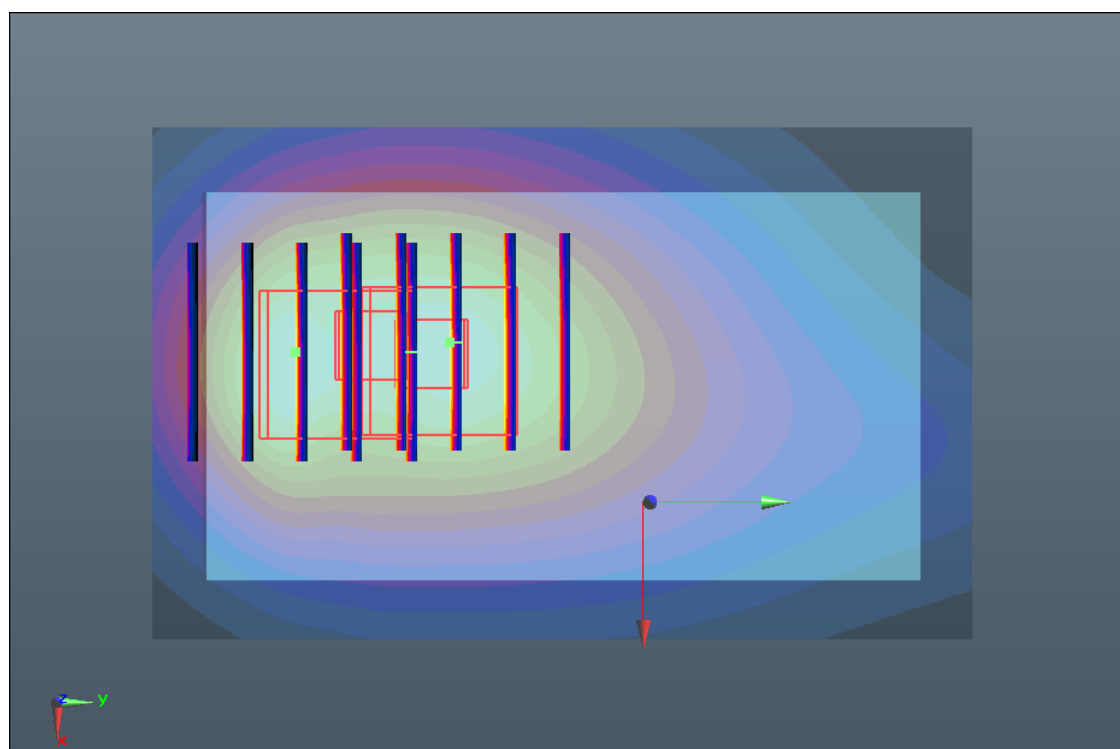
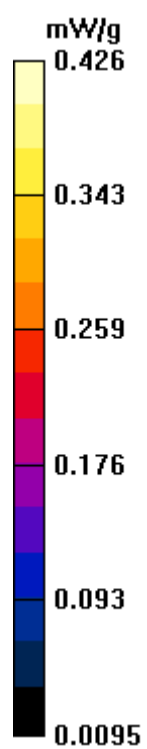
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.613 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.563 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.425 mW/g



#35 GSM1900_GPRS12_Front_1.0cm_Ch512

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.682; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.642 mW/g

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

Reference Value = 10.975 V/m; Power Drift = 0.0073 dB

Peak SAR (extrapolated) = 1.024 W/kg

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.646 mW/g

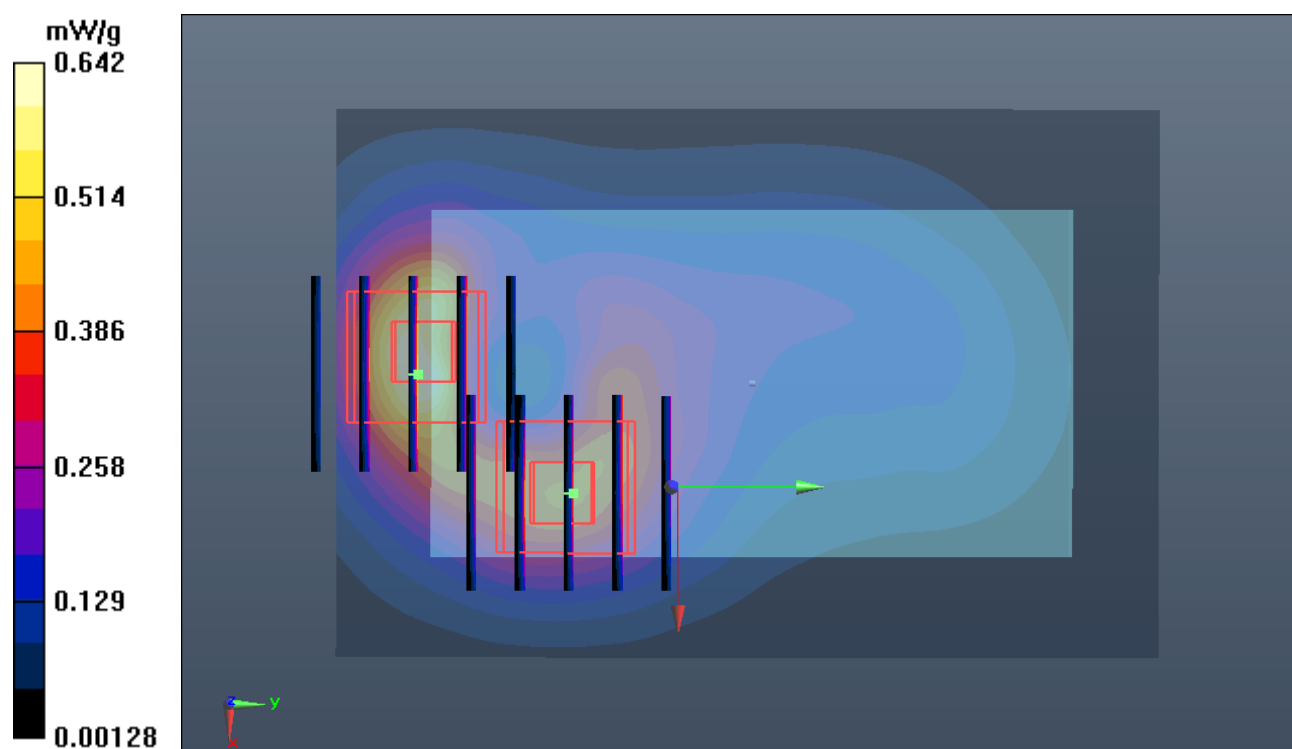
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.975 V/m; Power Drift = 0.0073 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.462 mW/g



#36 GSM1900_GPRS12_Back_1.0cm_Ch512

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.682; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.465 mW/g

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

Reference Value = 10.647 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.469 mW/g

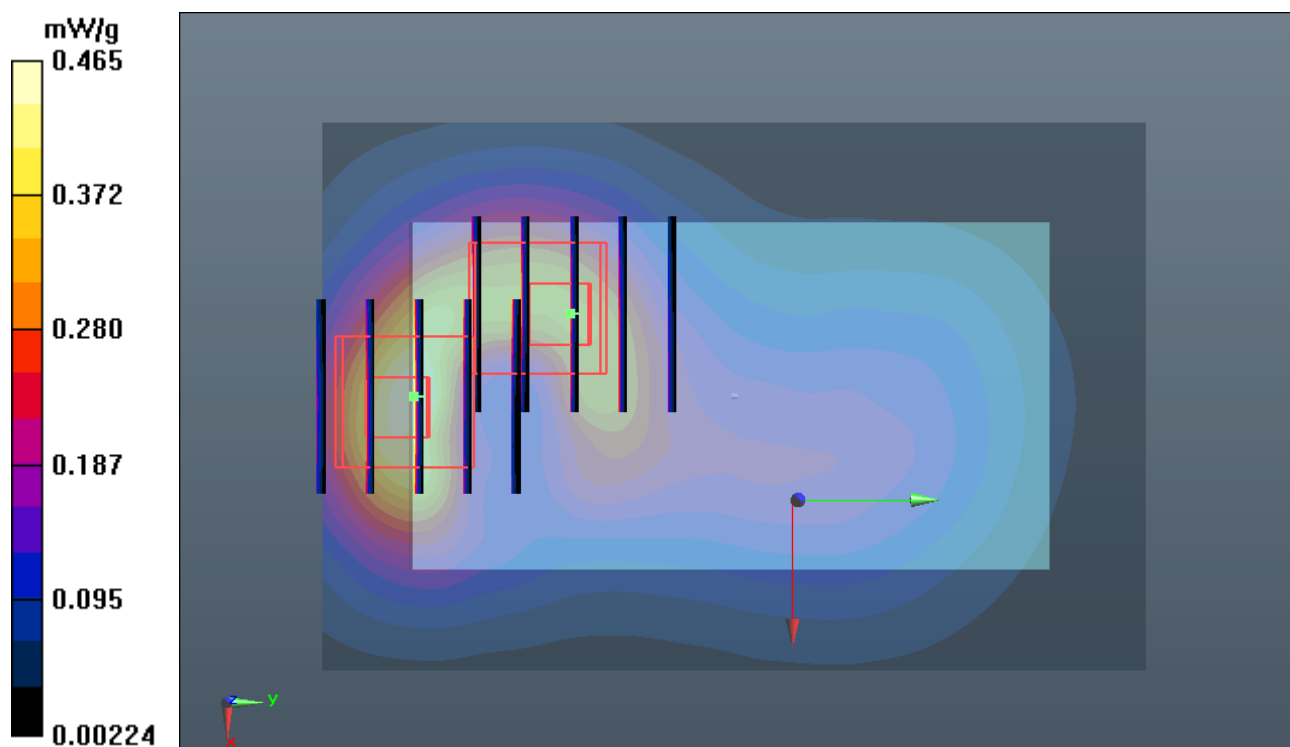
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.647 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.372 mW/g



#37 GSM1900_GPRS12_Left Side_1.0cm_Ch512

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.682; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

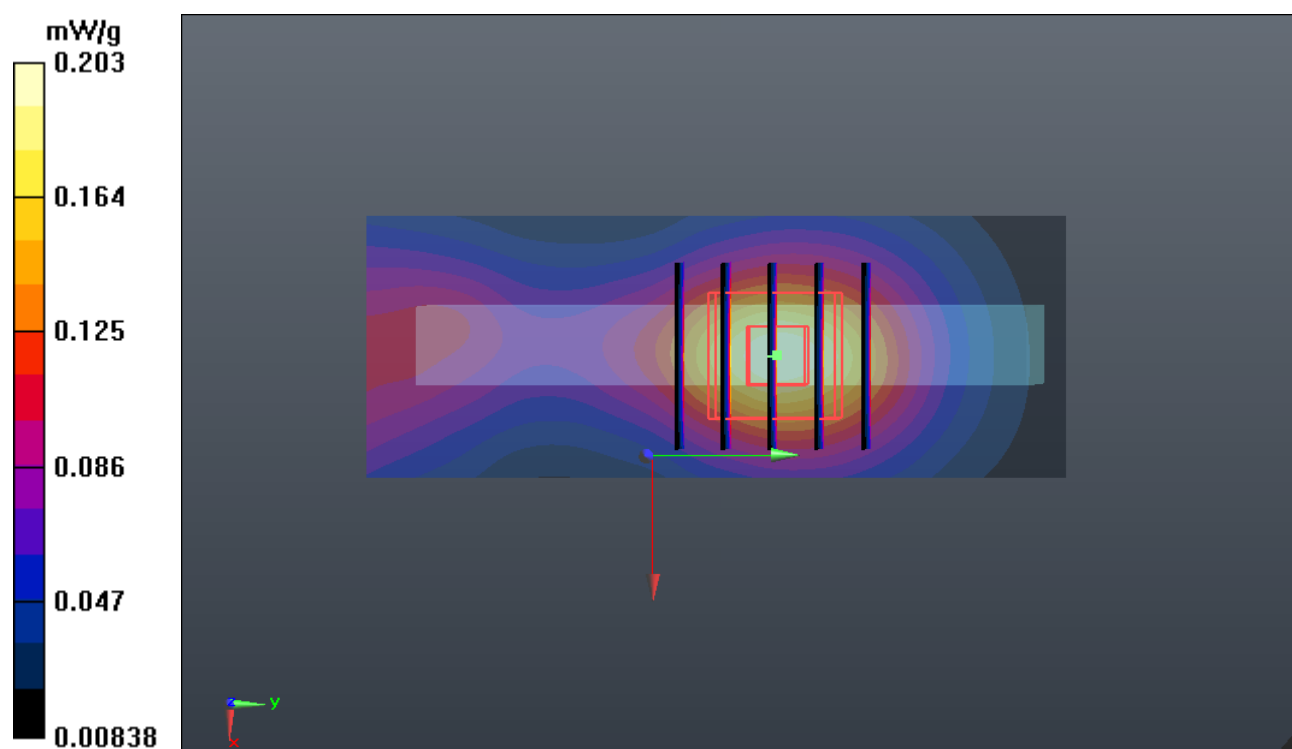
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.829 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



#38 GSM1900_GPRS12_Right Side_1.0cm_Ch512

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.472 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.107 mW/g

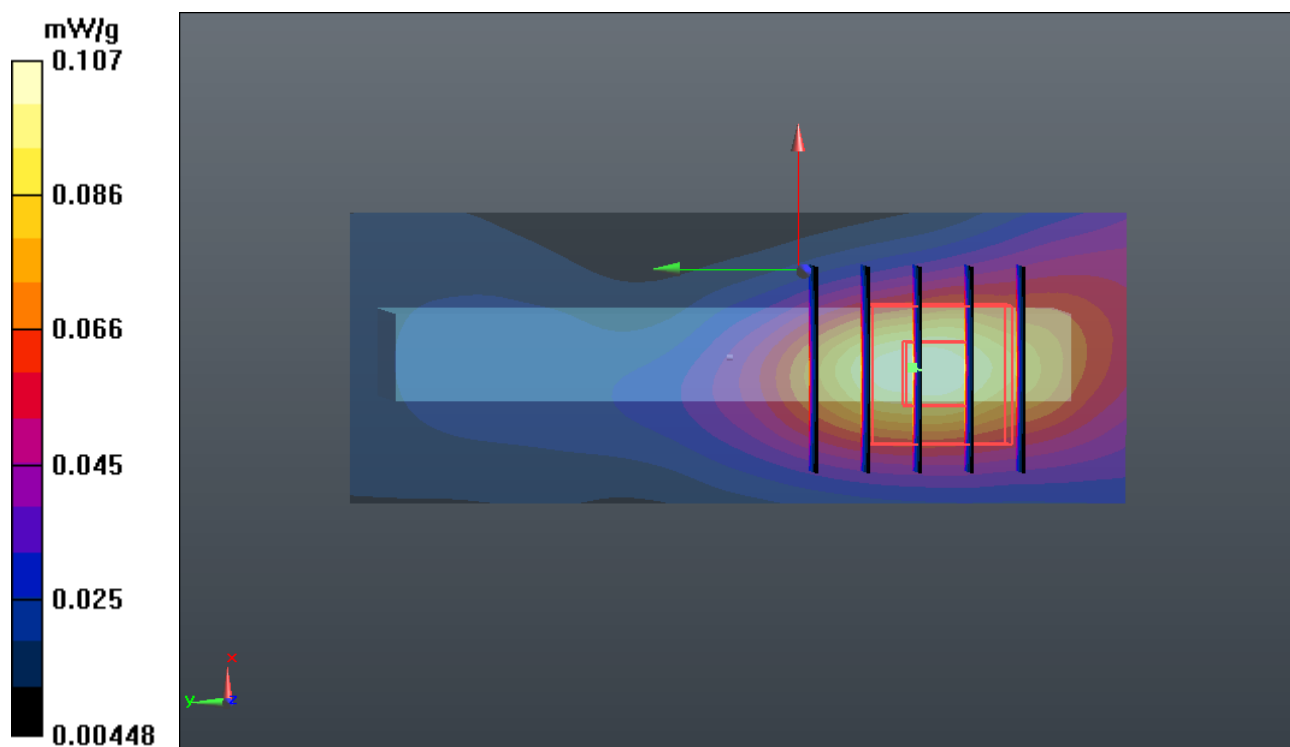
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.454 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.094 mW/g ; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



#39 GSM1900_GPRS12_Bottom Side_1.0cm_Ch512

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.682; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.099 mW/g

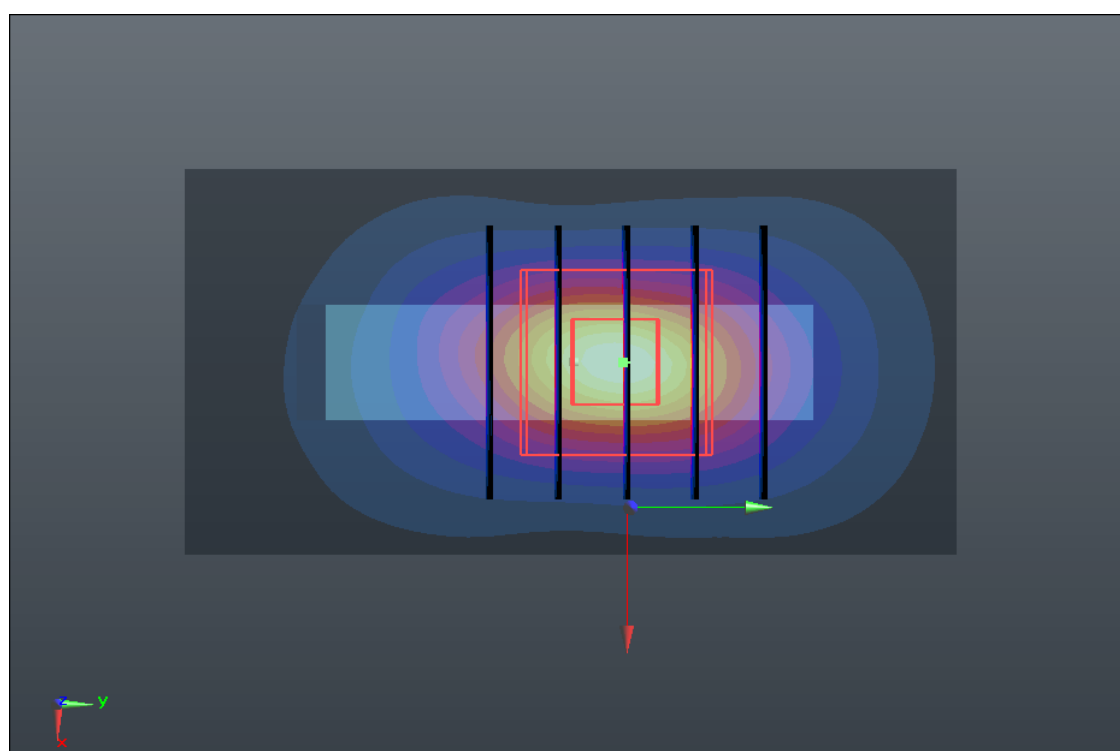
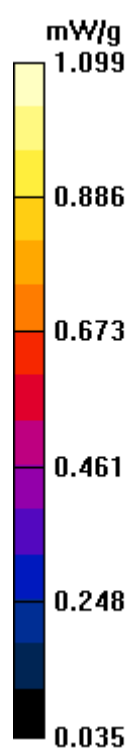
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.562 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.578 W/kg

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.441 mW/g

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



#39 GSM1900_GPRS12_Bottom Side_1.0cm_Ch512_2D

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.682; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch512/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.099 mW/g

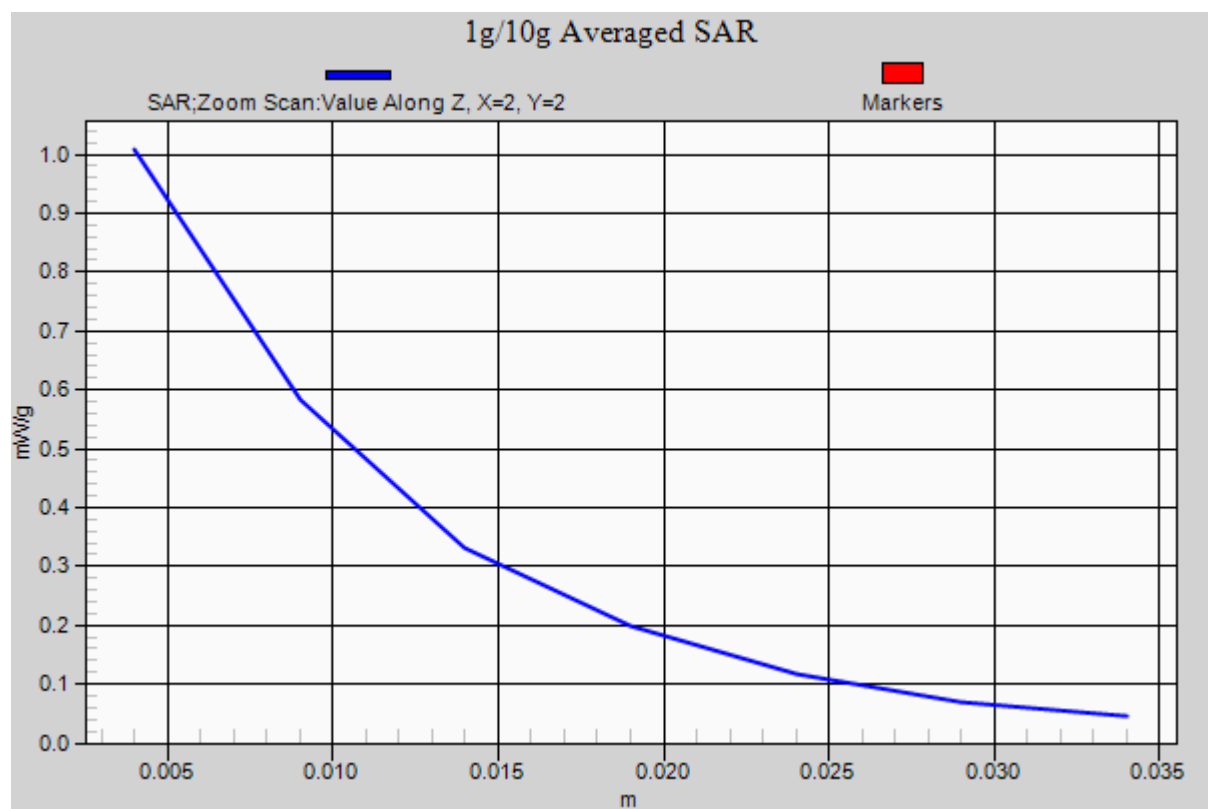
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.562 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.578 W/kg

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.441 mW/g

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



#47 GSM1900_GPRS12_Bottom Side_1.0cm_Ch661

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch661/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.823 mW/g

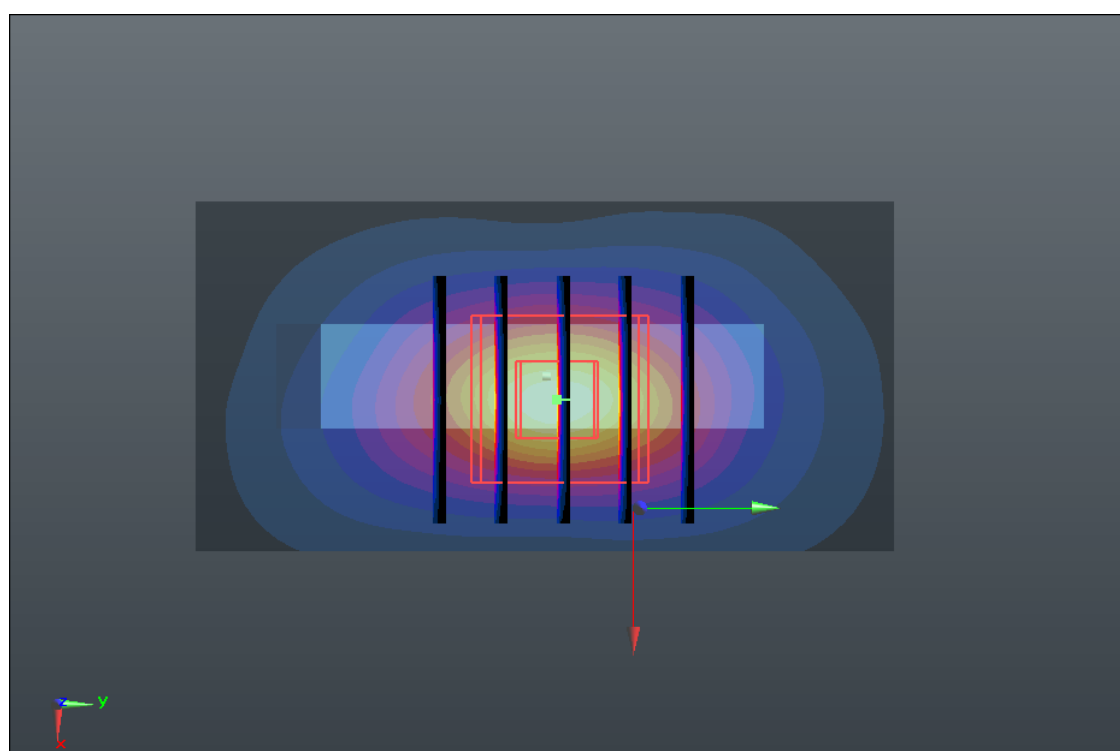
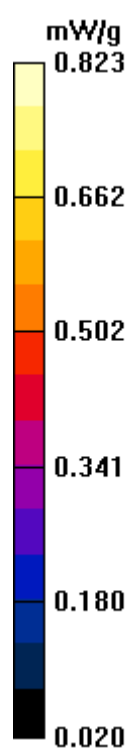
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.983 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.374 W/kg

SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.377 mW/g

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



#48 GSM1900_GPRS12_Bottom Side_1.0cm_Ch810

DUT: 192004-01

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_120202 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ mho/m; $\epsilon_r =$

54.559; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch810/Area Scan (31x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.735 mW/g

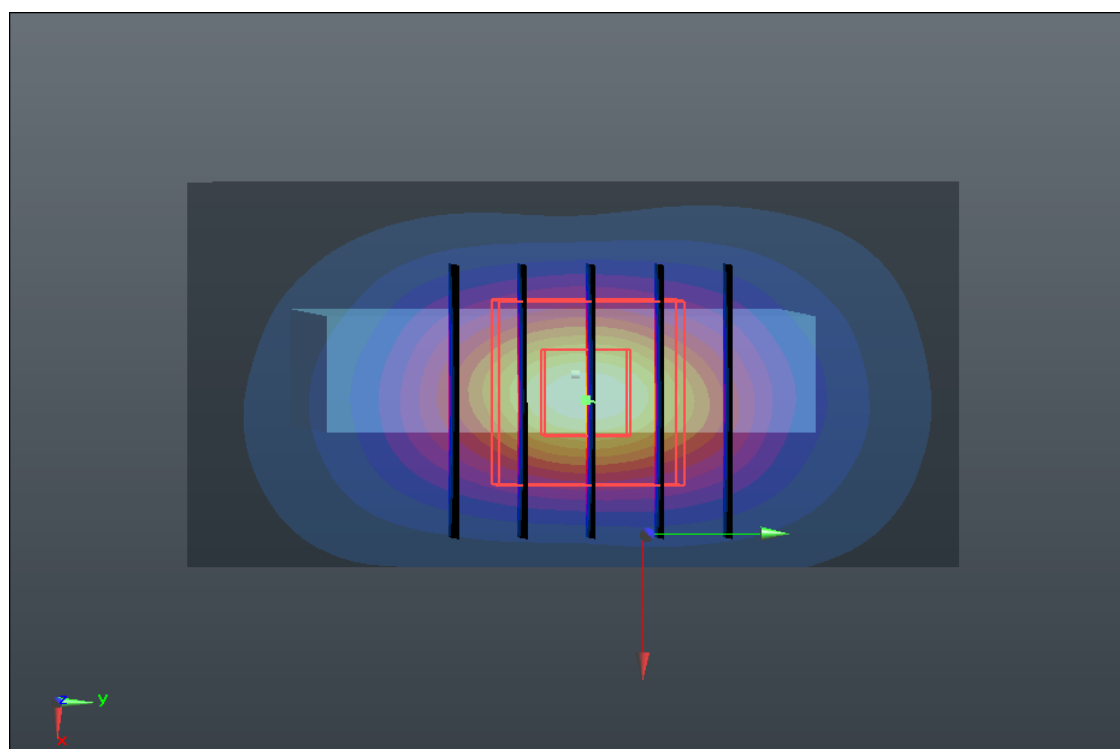
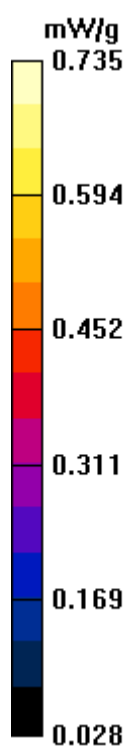
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.208 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.143 W/kg

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.708 mW/g



#40 GSM1900_GPRS12_Front_1.0cm_Ch512_Earphone

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.472$ mho/m; $\epsilon_r =$

54.682 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.482 mW/g

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

Reference Value = 11.390 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.234 mW/g

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

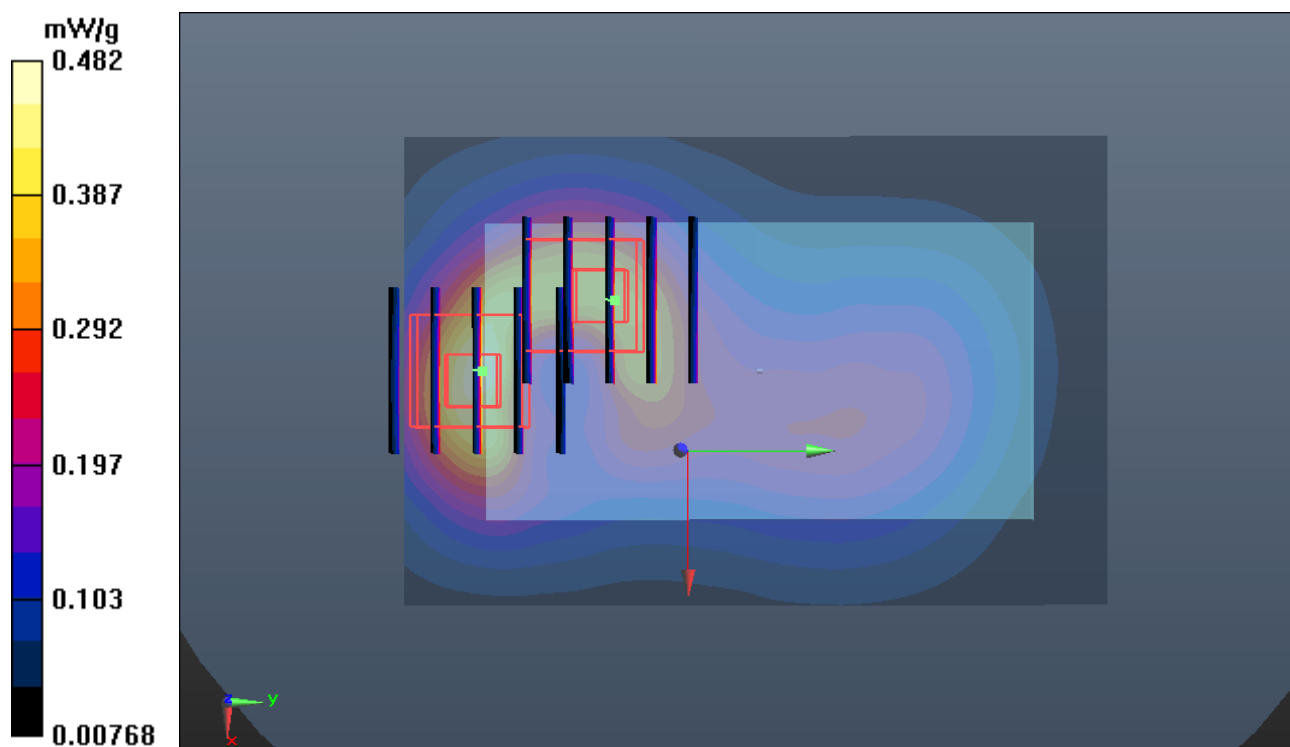
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.390 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.209 mW/g

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



#29 WCDMA V_RMC12.2K_Front_1.0cm_Ch4132

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.491 mW/g

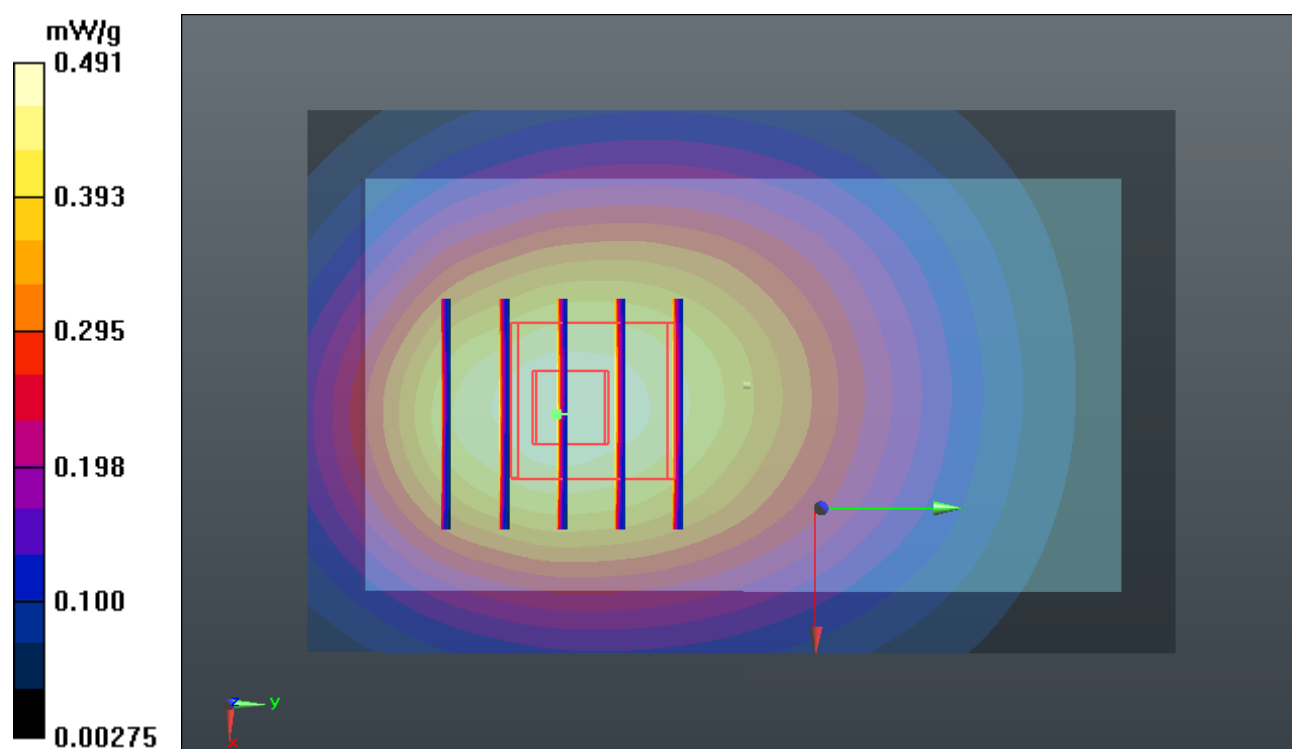
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.581 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.487 mW/g



#30 WCDMA V_RMC12.2K_Back_1.0cm_Ch4132

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

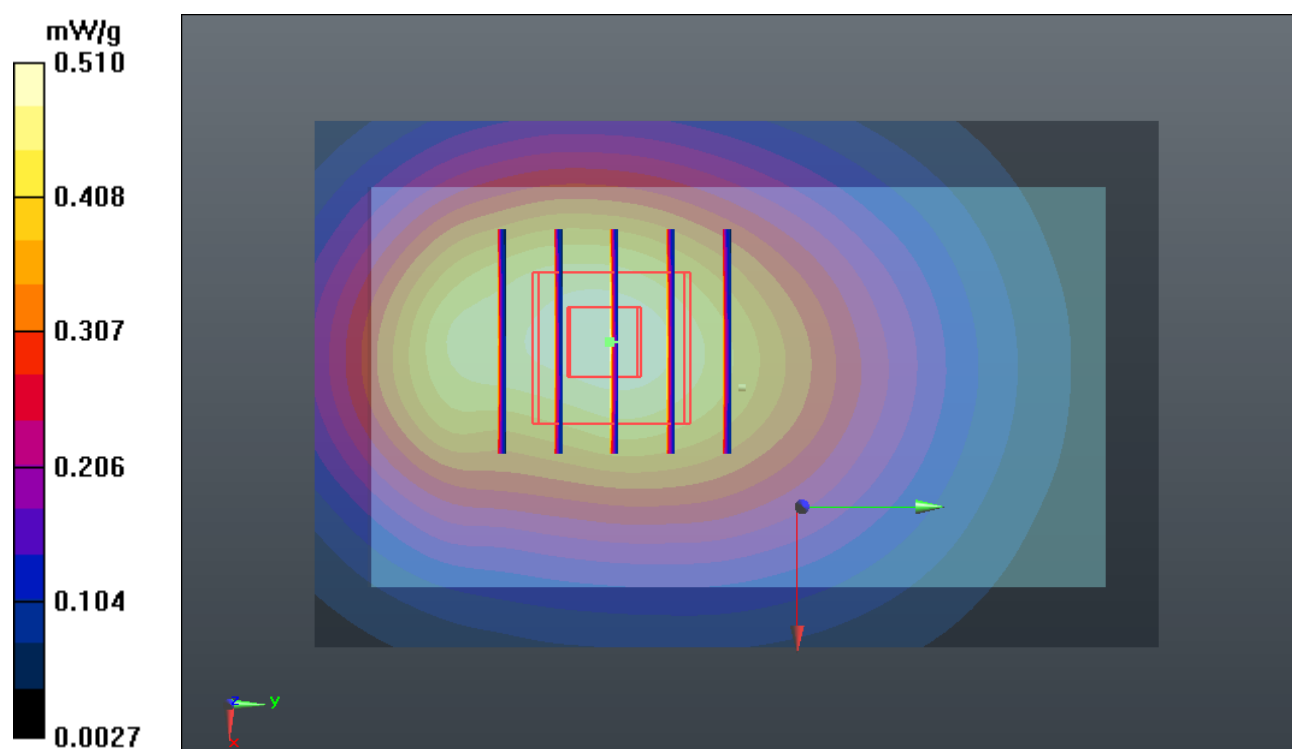
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.156 V/m; Power Drift = -0.00015 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.512 mW/g



#30 WCDMA V_RMC12.2K_Back_1.0cm_Ch4132_2D

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch4132/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

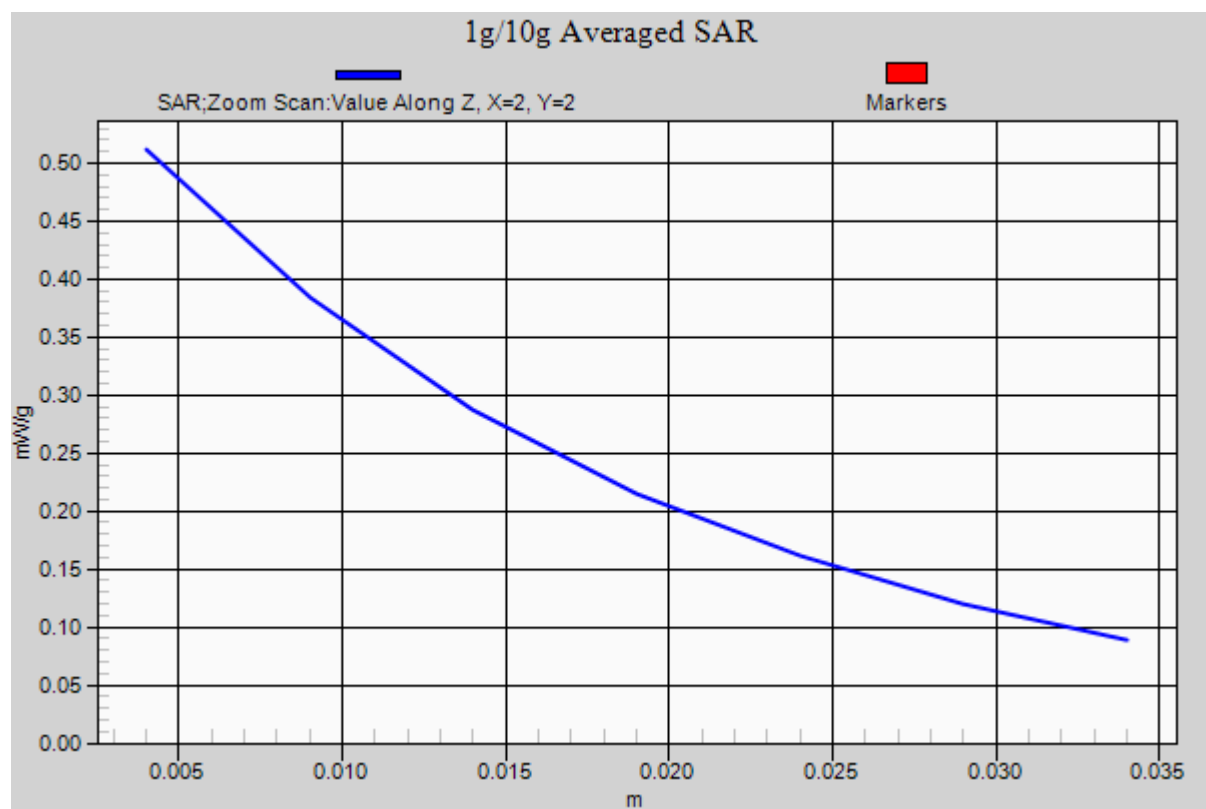
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.156 V/m; Power Drift = -0.00015 dB

Peak SAR (extrapolated) = 0.645 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.512 mW/g



#31 WCDMA V_RMC12.2K_Left Side_1.0cm_Ch4132

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch4132/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 mW/g

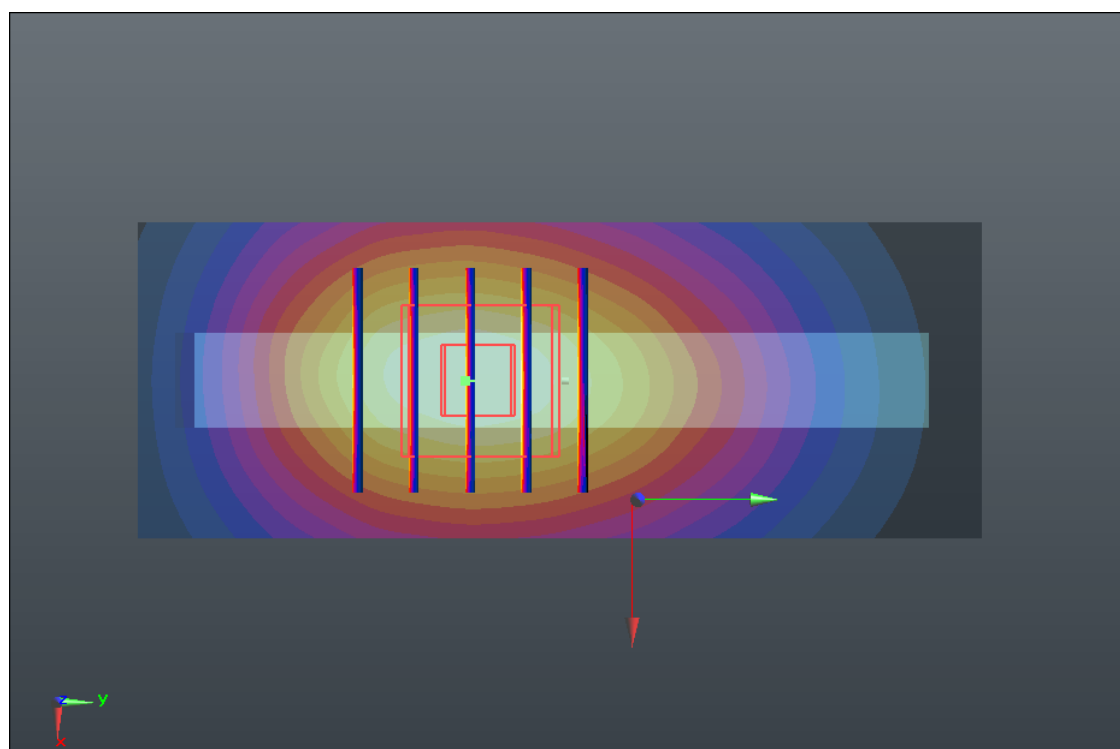
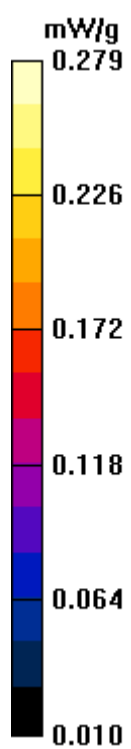
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.479 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



#32 WCDMA V_RMC12.2K_Right Side_1.0cm_Ch4132

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$

54.448; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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)

Ch4132/Area Scan (31x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.263 mW/g

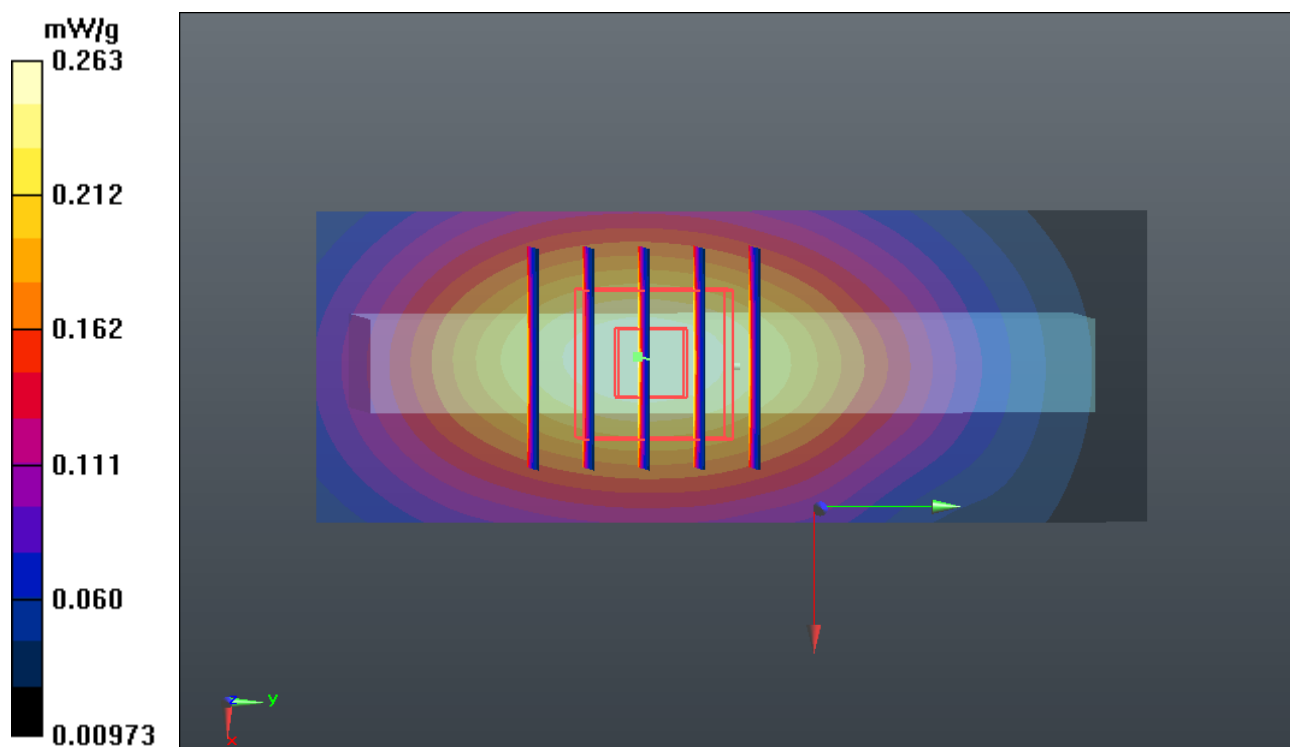
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.932 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



#33 WCDMA V_RMC12.2K_Bottom Side_1.0cm_Ch4132

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.968 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

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)

Ch4132/Area Scan (31x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.070 mW/g

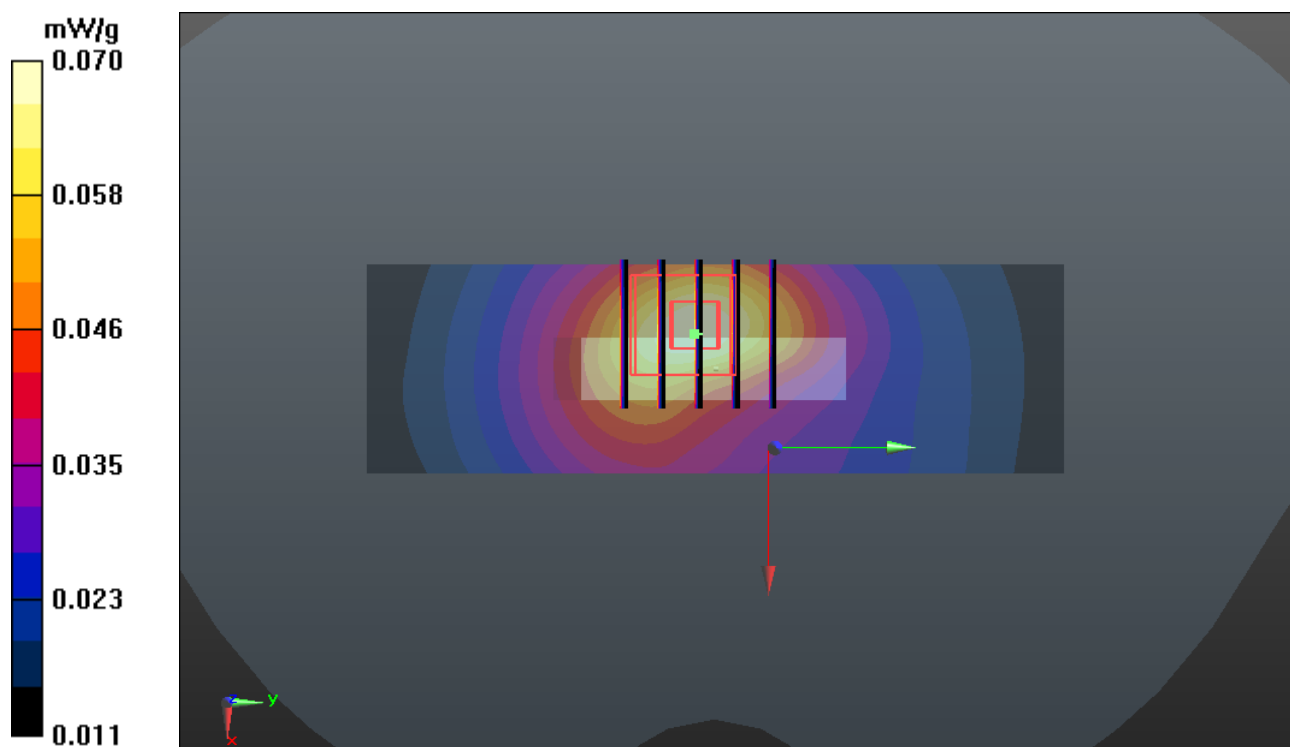
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.601 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.065 mW/g ; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.071 mW/g



#34 WCDMA V_RMC12.2K_Back_1.0cm_Ch4132_Earphone

DUT: 192004-01

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

Medium: MSL_835_120202 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.968 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

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)

Ch4132/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.433 mW/g

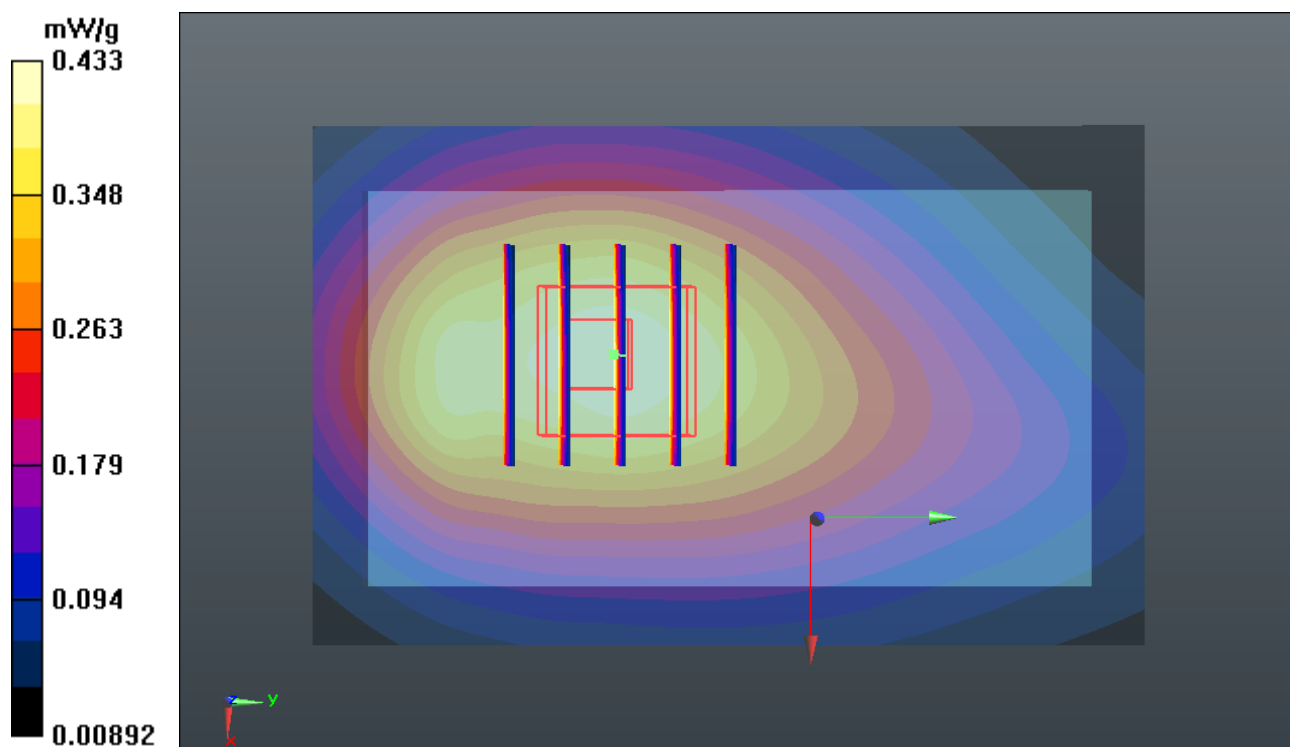
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.224 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.406 mW/g ; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.427 mW/g



#41 WCDMA II_RMC12.2K_Front_1.0cm_Ch9262

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.674; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.765 mW/g

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

Reference Value = 12.188 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.288 W/kg

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 0.804 mW/g

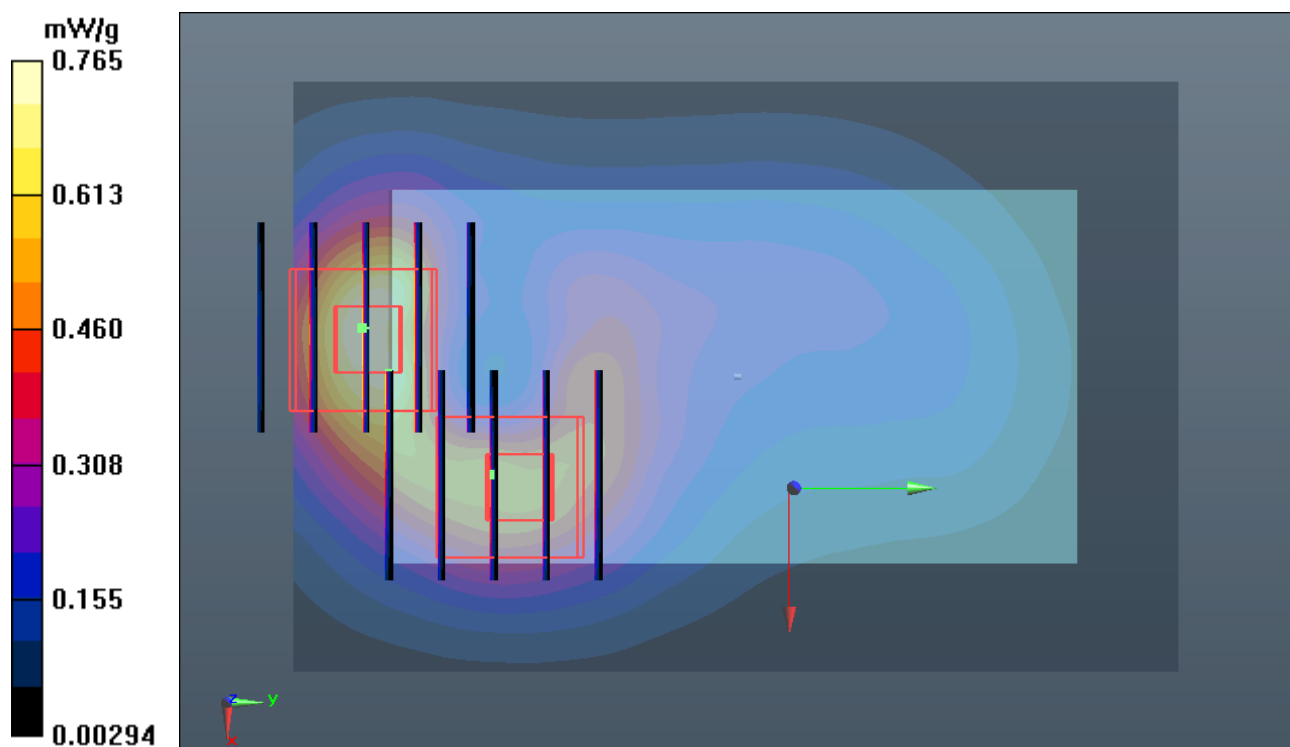
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.188 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.208 W/kg

SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.767 mW/g



#42 WCDMA II_RMC12.2K_Back_1.0cm_Ch9262

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.674; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.599 mW/g

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

Reference Value = 11.397 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 0.600 mW/g

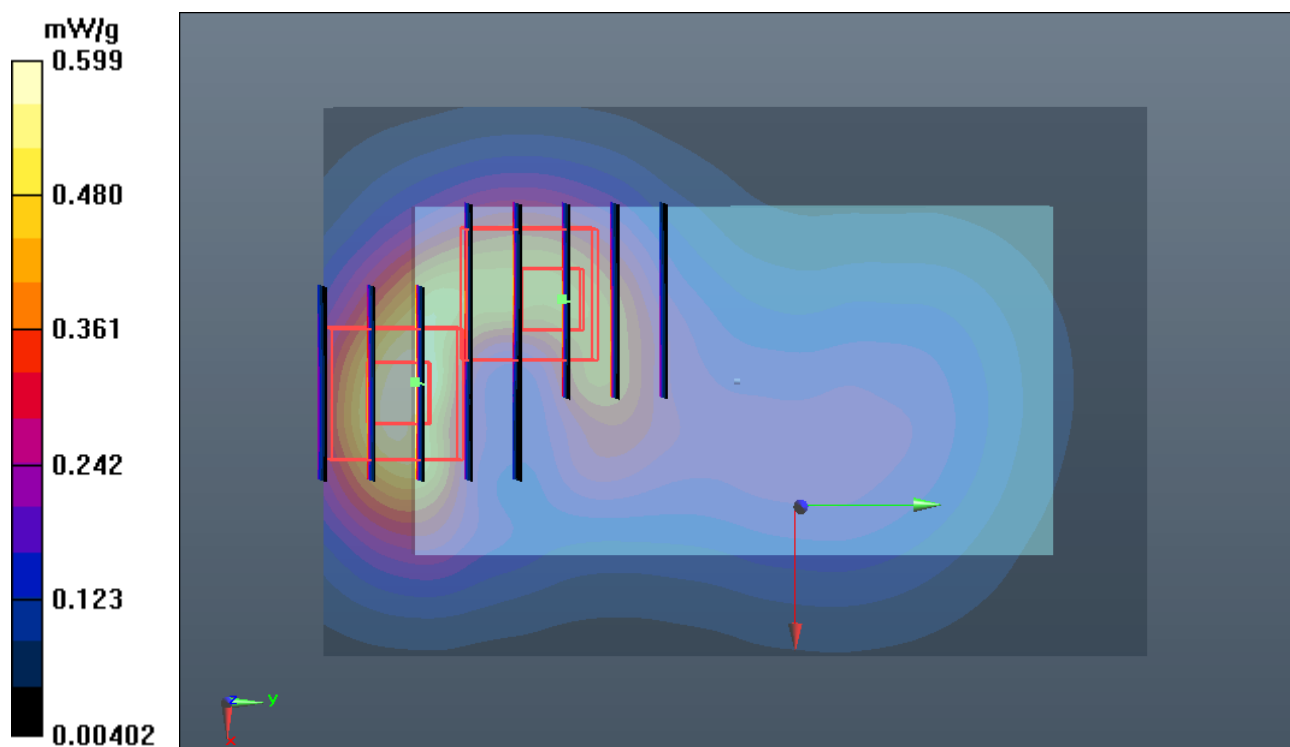
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.397 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.250 mW/g

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



#43 WCDMA II_RMC12.2K_Left Side_1.0cm_Ch9262

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.674; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.244 mW/g

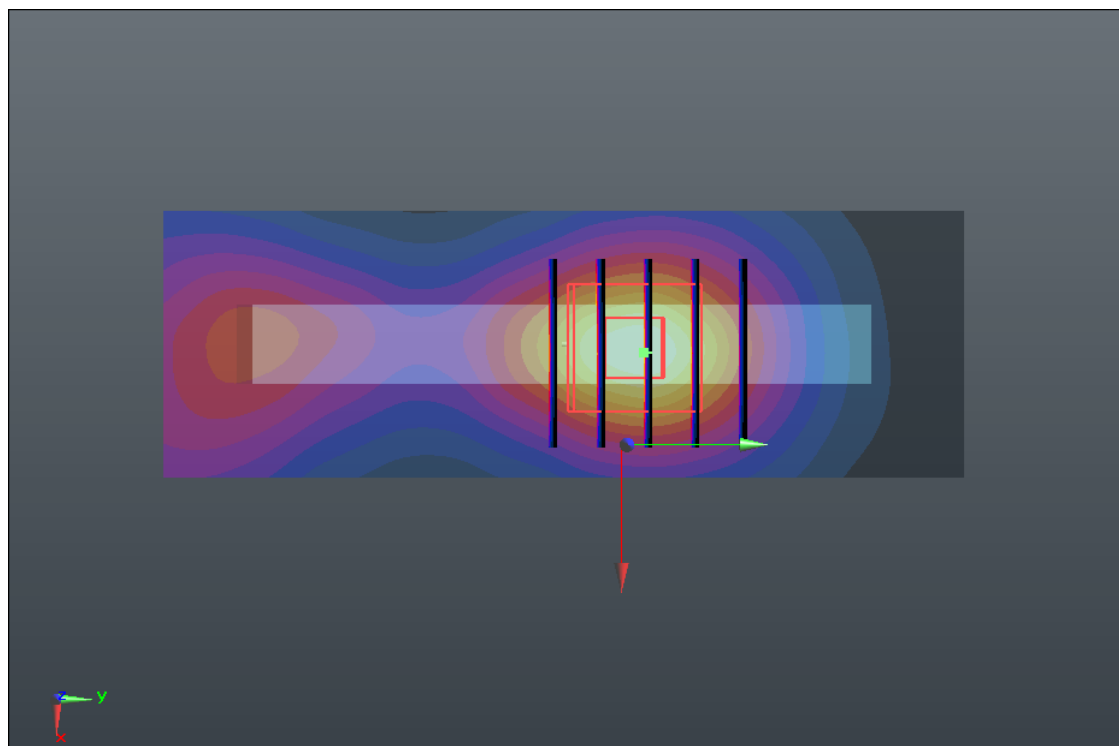
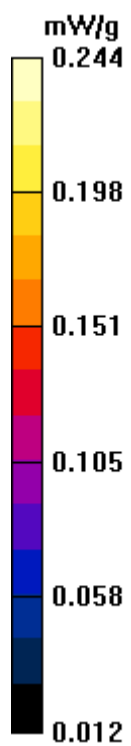
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.509 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



#44 WCDMA II_RMC12.2K_Right Side_1.0cm_Ch9262

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.674; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.138 mW/g

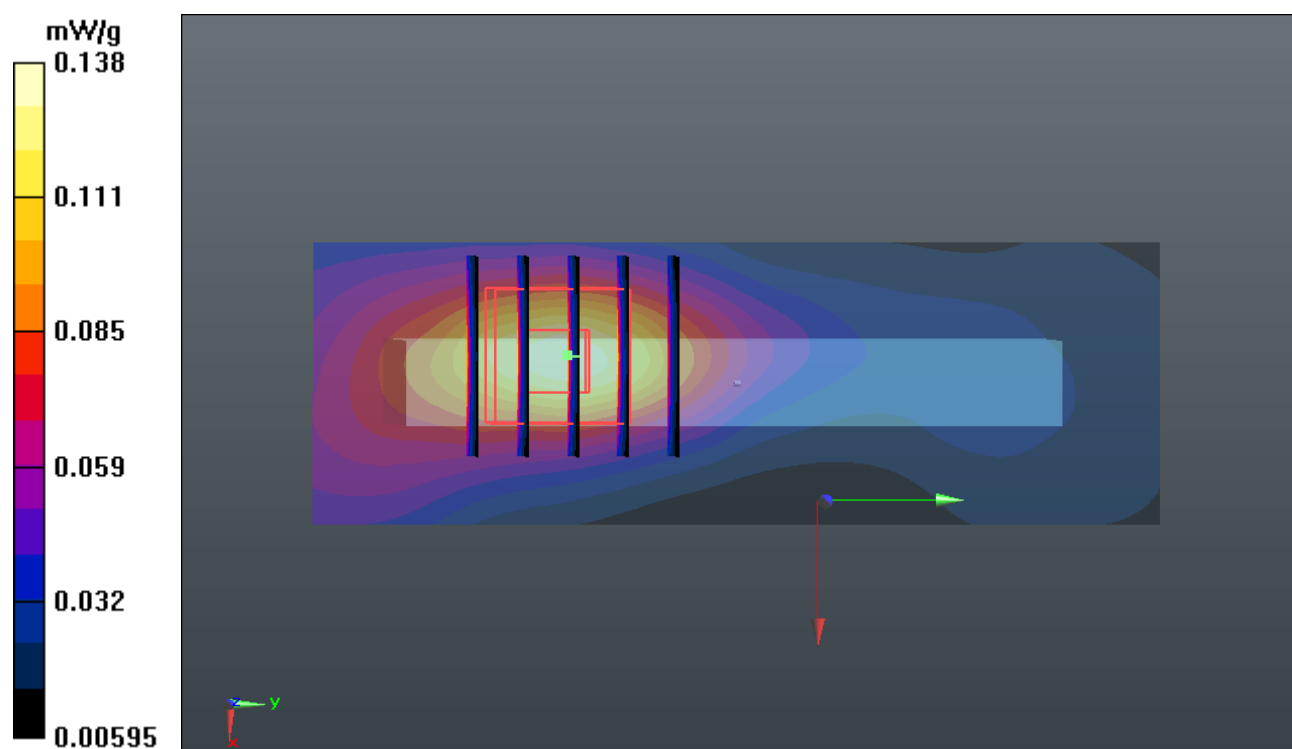
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.523 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.130 mW/g



#45 WCDMA II_RMC12.2K_Bottom Side_1.0cm_Ch9262

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.674; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9262/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

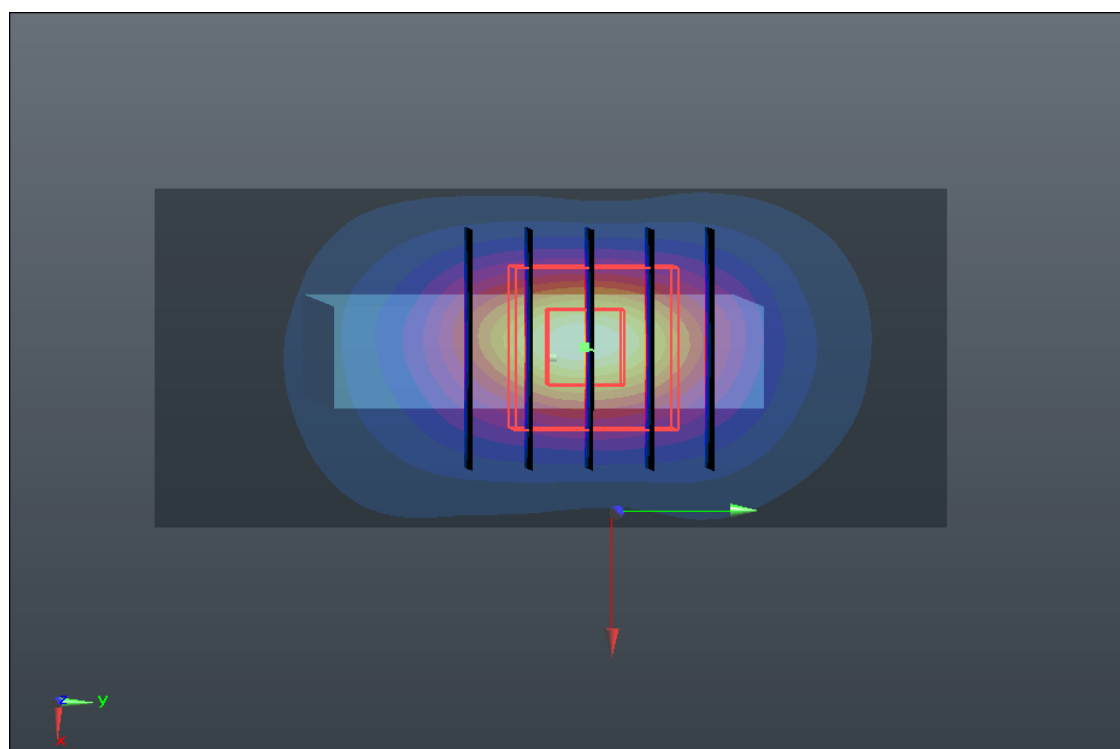
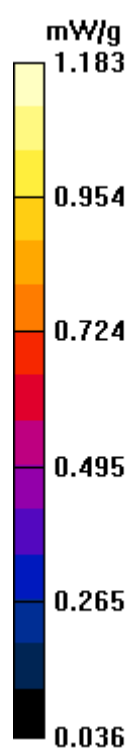
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.805 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.824 W/kg

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 1.137 mW/g



#49 WCDMA II_RMC12.2K_Bottom Side_1.0cm_Ch9400

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.290 mW/g

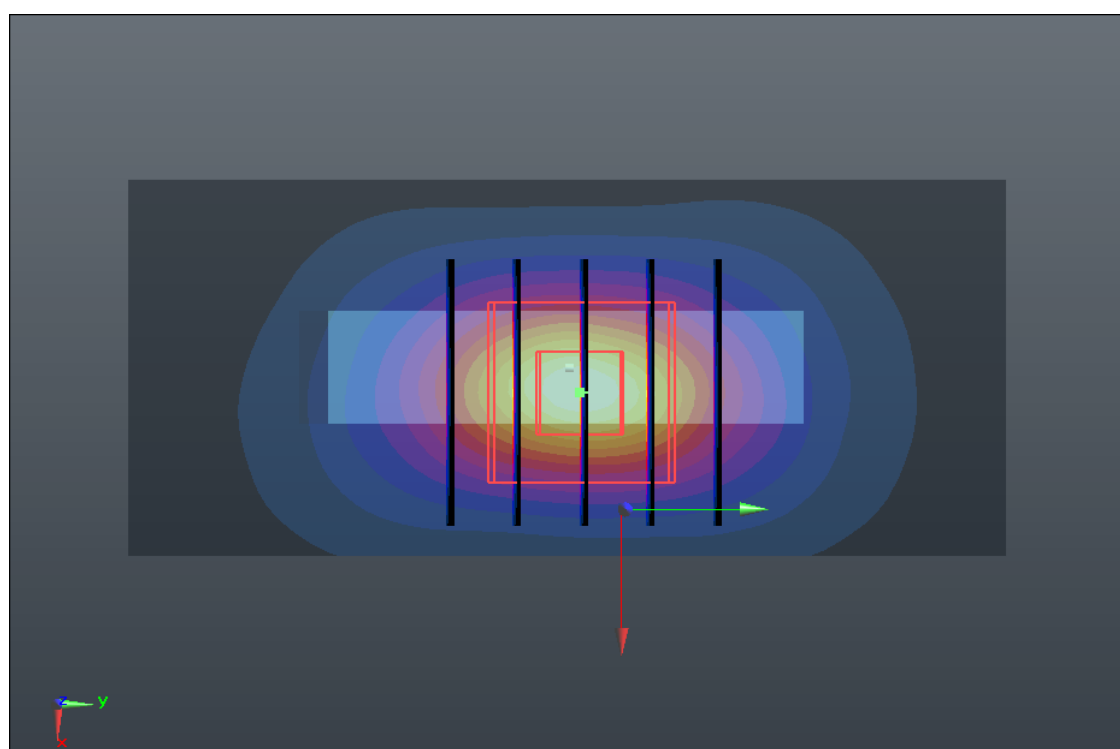
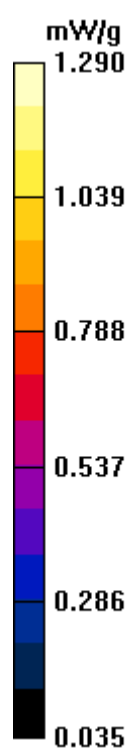
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.172 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.035 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 1.257 mW/g



#49 WCDMA II_RMC12.2K_Bottom Side_1.0cm_Ch9400_2D

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$

54.609 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9400/Area Scan (31x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.290 mW/g

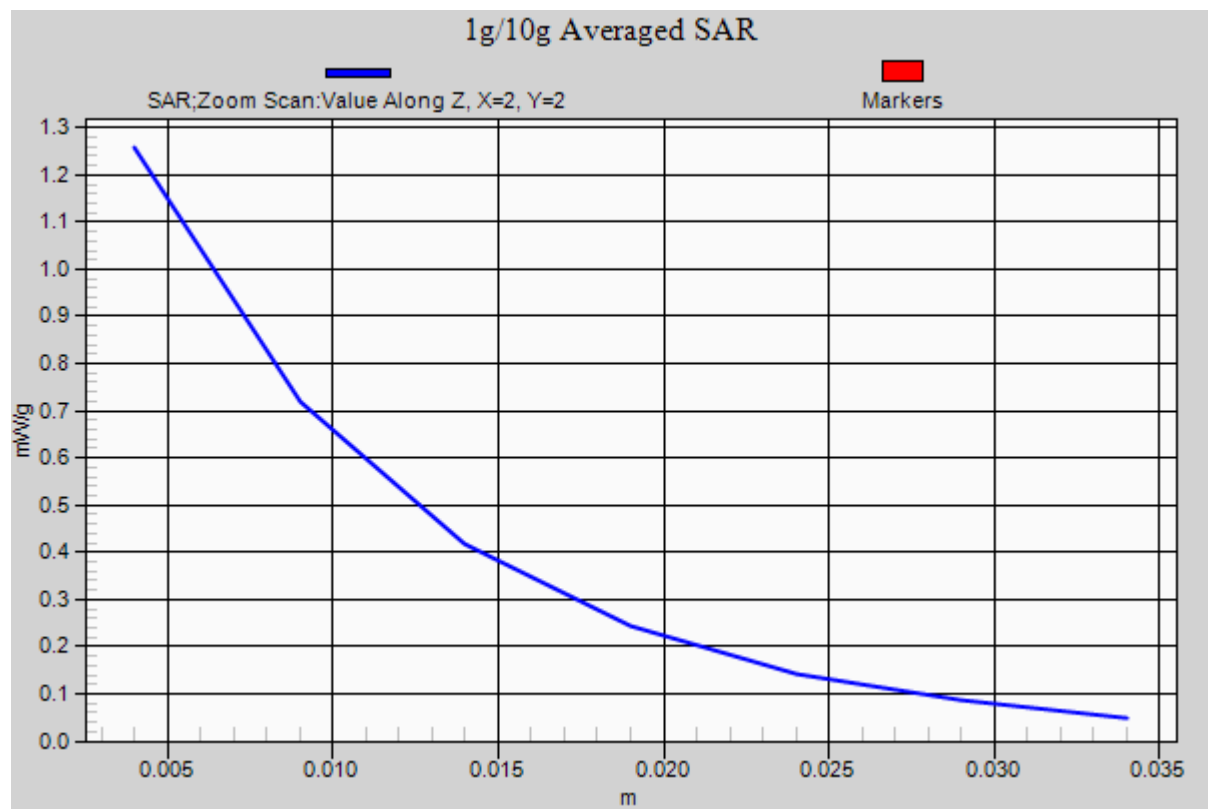
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.172 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.035 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 1.257 mW/g



#50 WCDMA II_RMC12.2K_Bottom Side_1.0cm_Ch9538

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.542$ mho/m; $\epsilon_r =$

54.565; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch9538/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm

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

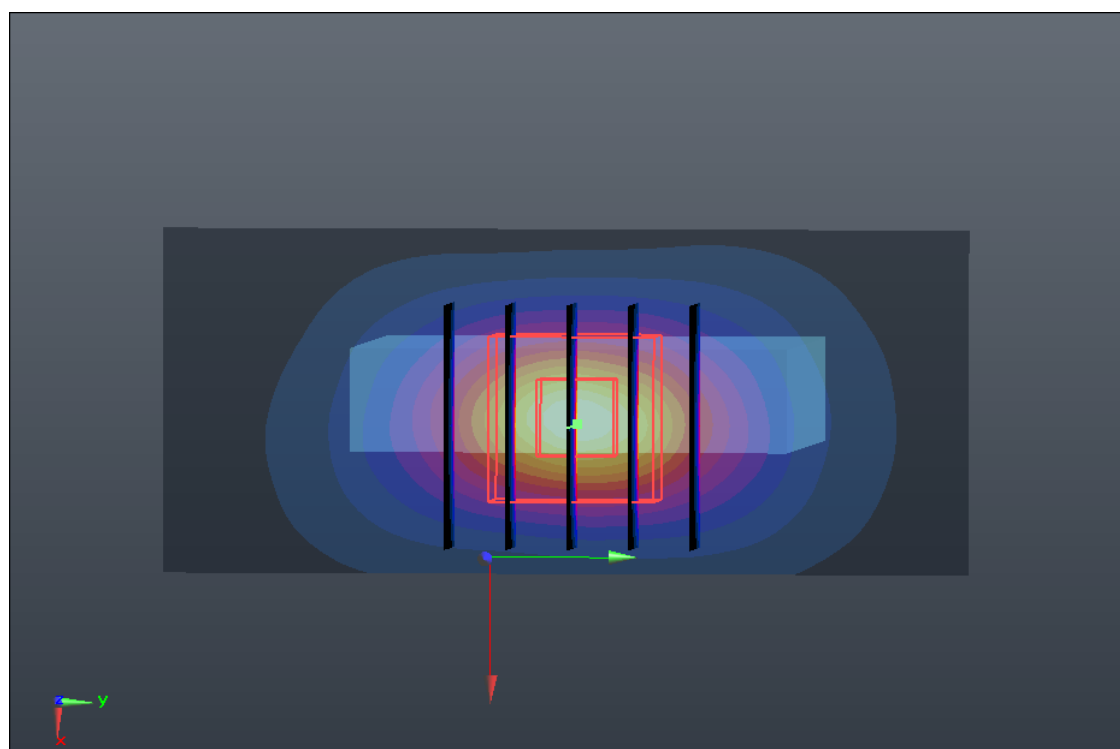
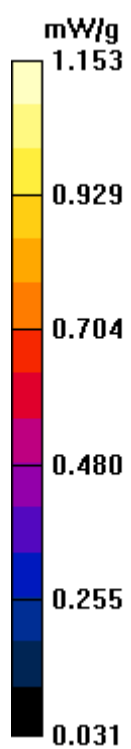
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.374 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.808 W/kg

SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 1.117 mW/g



#46 WCDMA II_RMC12.2K_Front_1.0cm_Ch9262_Earphone

DUT: 192004-01

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

Medium: MSL_1900_120202 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$

54.674 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.5 °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: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.794 mW/g

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

Reference Value = 12.821 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.345 W/kg

SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.860 mW/g

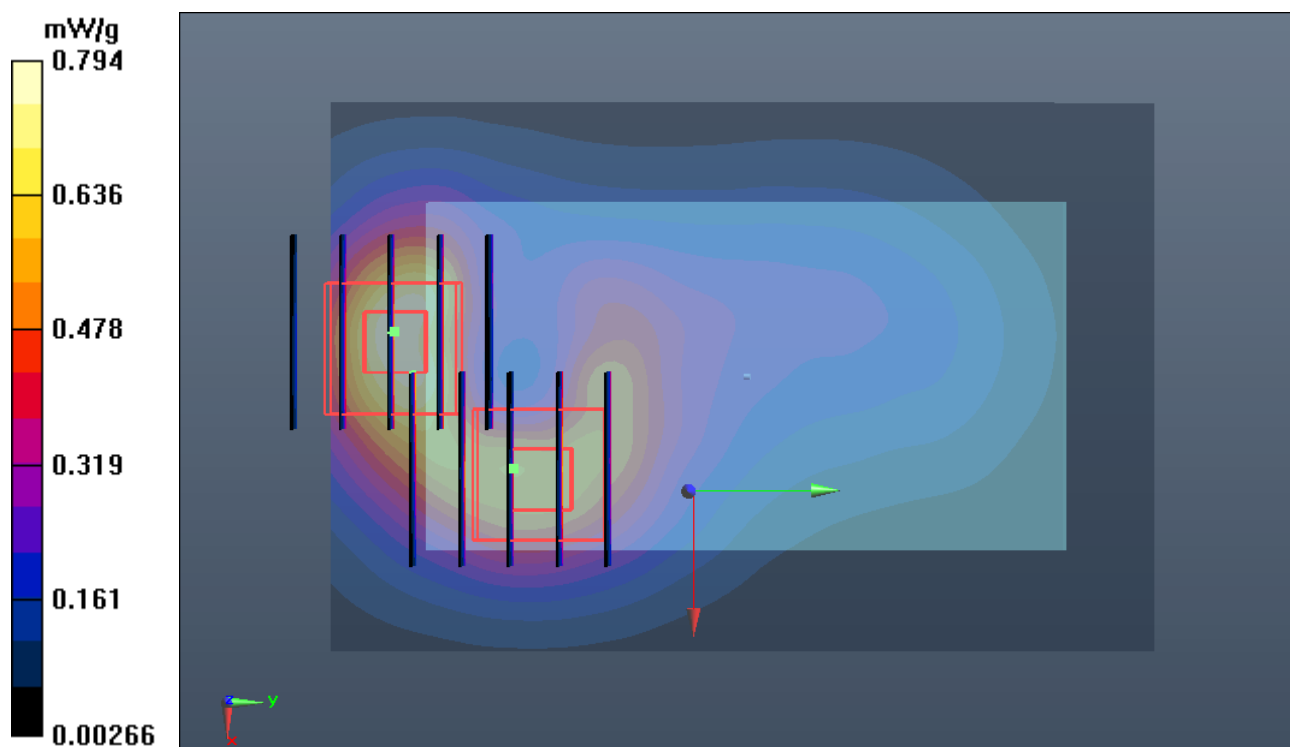
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.821 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.223 W/kg

SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.798 mW/g



#55 802.11b_Front_Ch6_1M_18

DUT: 192004-01

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

Medium: MSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.976$ mho/m; $\epsilon_r =$

53.488; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.00464 mW/g

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

Reference Value = 0.841 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.020 W/kg

SAR(1 g) = 0.00348 mW/g; SAR(10 g) = 0.000933 mW/g

Maximum value of SAR (measured) = 0.00528 mW/g

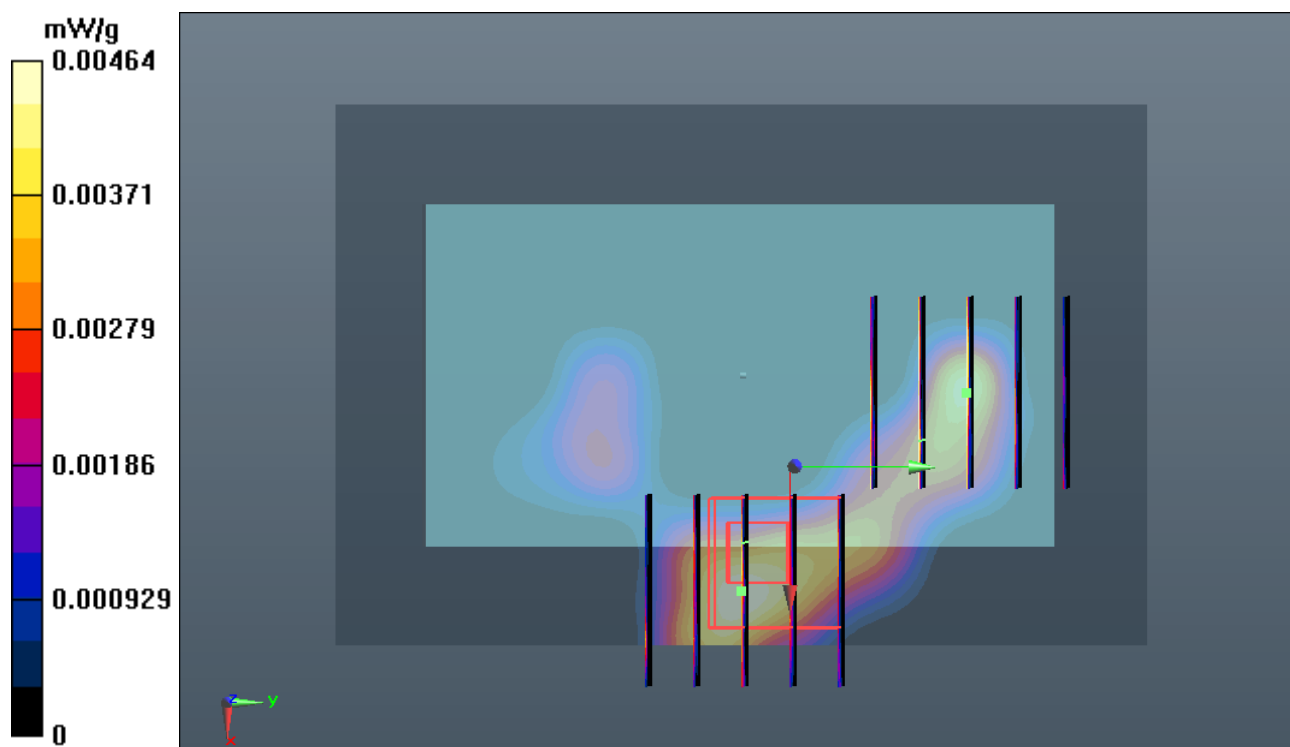
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.841 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = n.a. ; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.00561 mW/g



#56 802.11b_Back_Ch6_1M_18

DUT: 192004-01

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

Medium: MSL_2450_120203 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.976$ mho/m; $\epsilon_r =$

53.488; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.039 mW/g

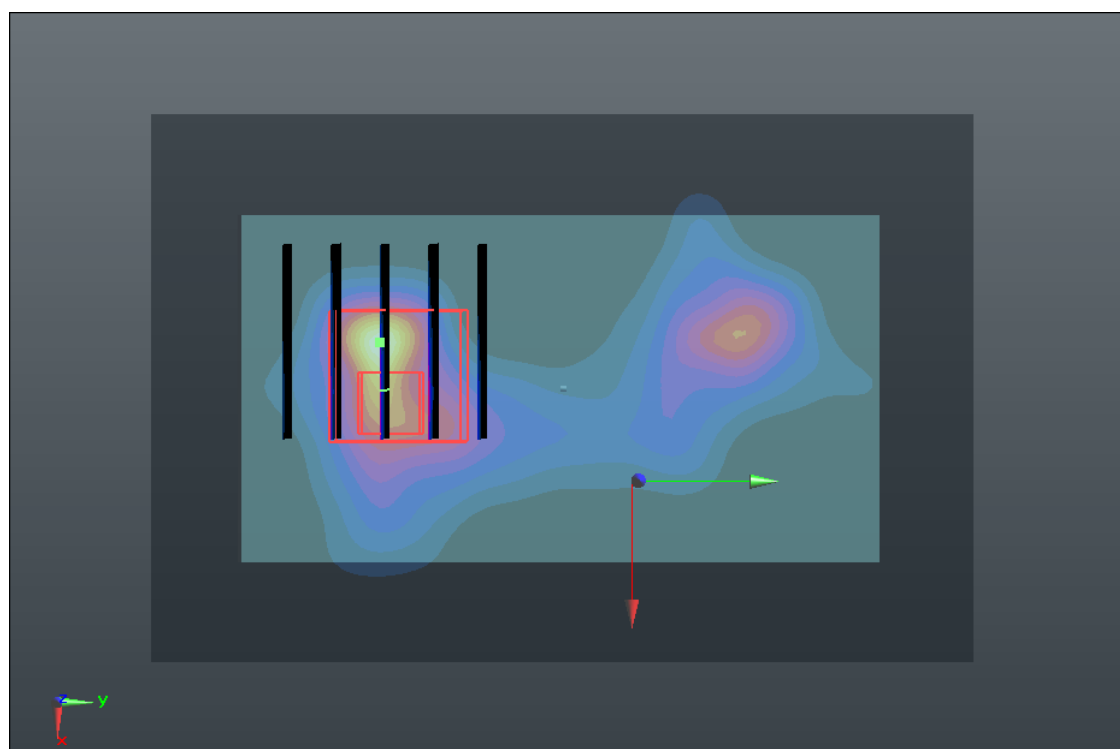
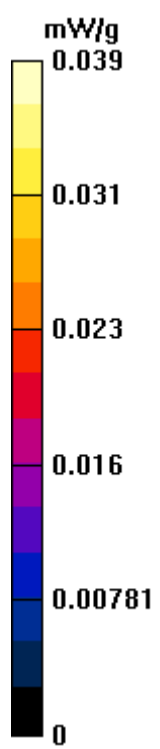
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.754 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.031 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00832 mW/g

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



#57 802.11b_Right Side_Ch6_1M_18

DUT: 192004-01

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

Medium: MSL_2450_120203 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.976 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (31x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

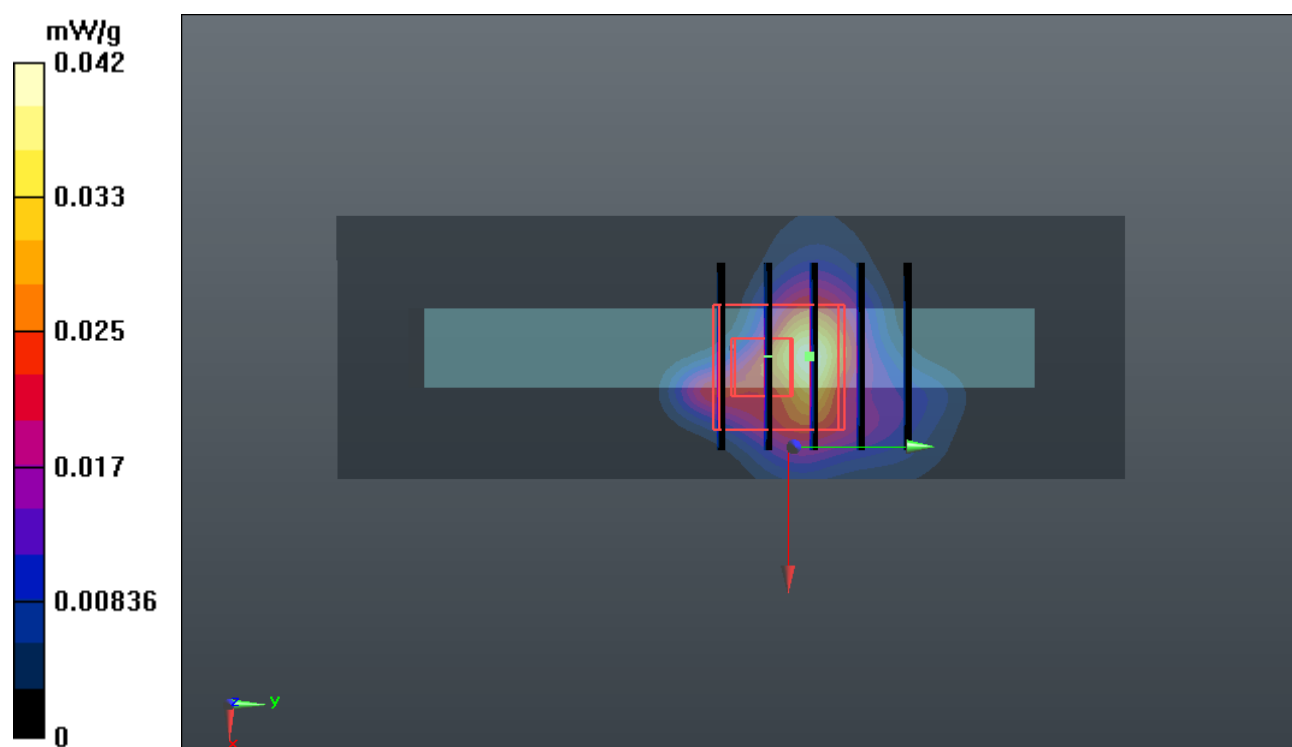
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.586 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.025 mW/g ; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



#57 802.11b_Right Side_Ch6_1M_18_2D

DUT: 192004-01

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

Medium: MSL_2450_120203 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.976 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (31x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

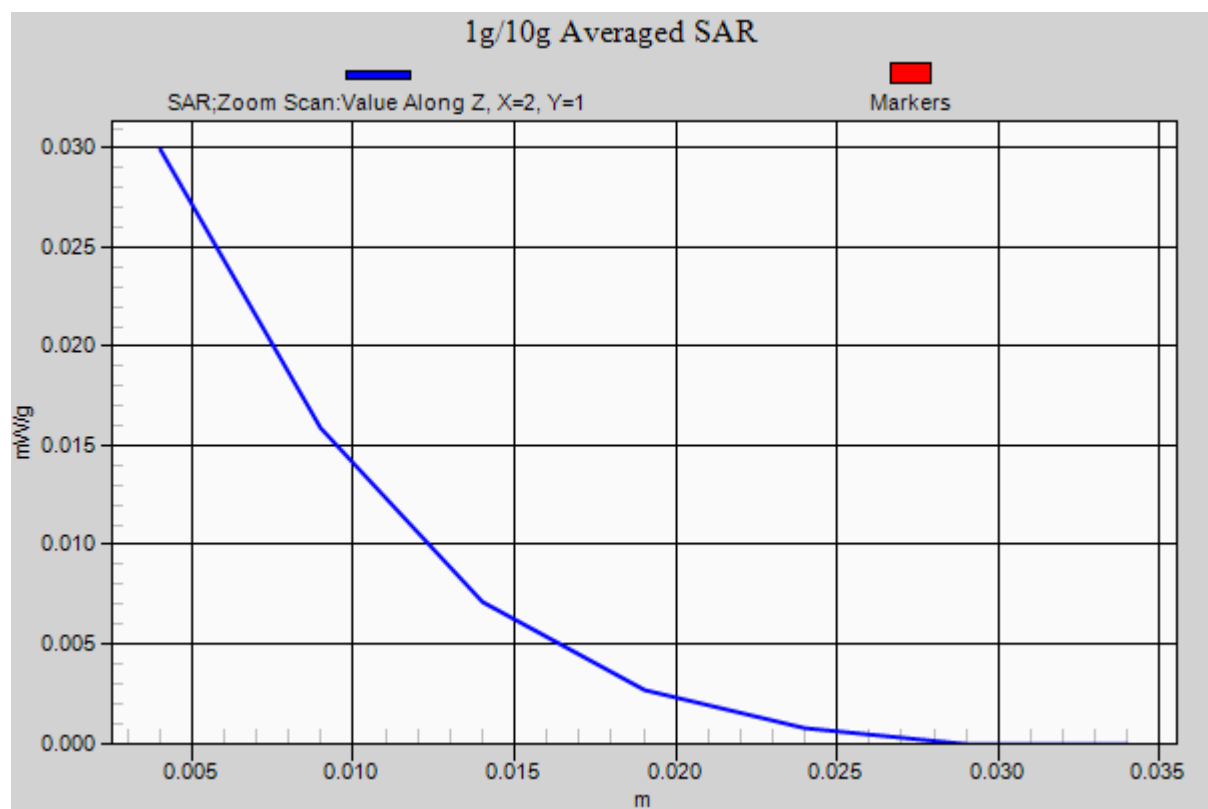
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.586 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.025 mW/g ; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.030 mW/g



#58 802.11b_Back_Ch6_1M_18_Earphone

DUT: 192004-01

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

Medium: MSL_2450_120203 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.976 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch6/Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.0092 mW/g

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

Reference Value = 1.535 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.034 W/kg

SAR(1 g) = 0.013 mW/g ; SAR(10 g) = 0.00378 mW/g

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

