



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

01 GSM850_Right Cheek_Ch251

DUT: 1D2801

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

Medium: HSL_850_120118 Medium parameters used: $f = 849$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 41.889$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.552 mW/g

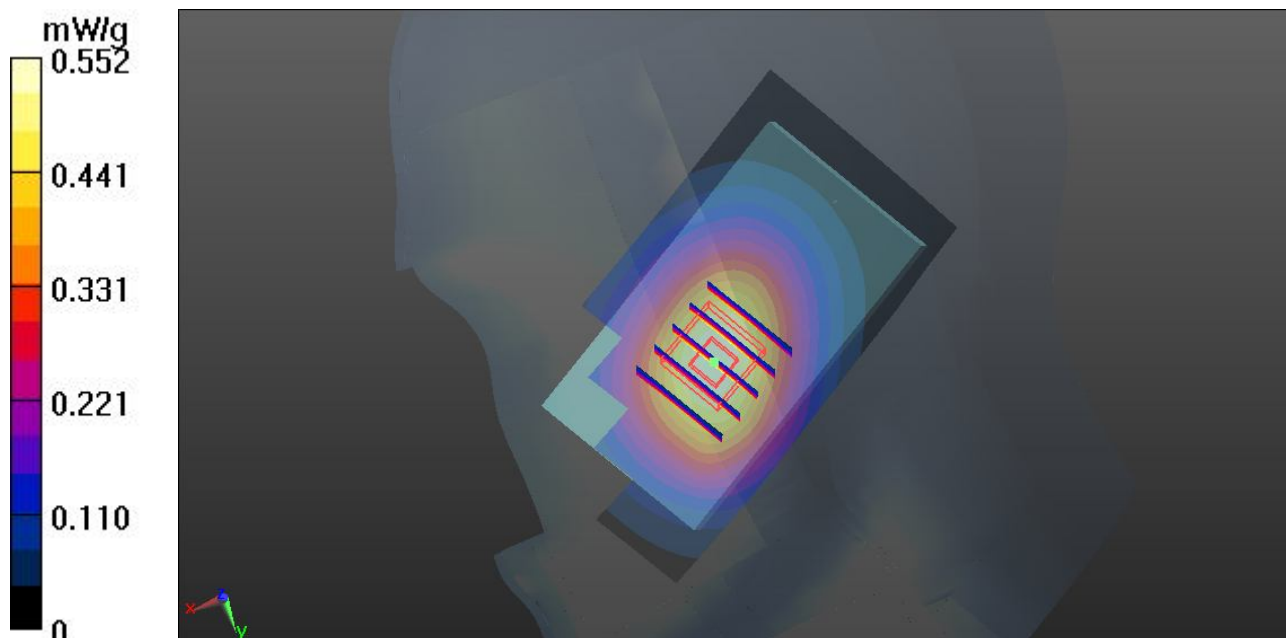
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.242 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.6810

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



02 GSM850_Right Tilted_Ch251

DUT: 1D2801

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

Medium: HSL_850_120118 Medium parameters used: $f = 849$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 41.889$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.292 mW/g

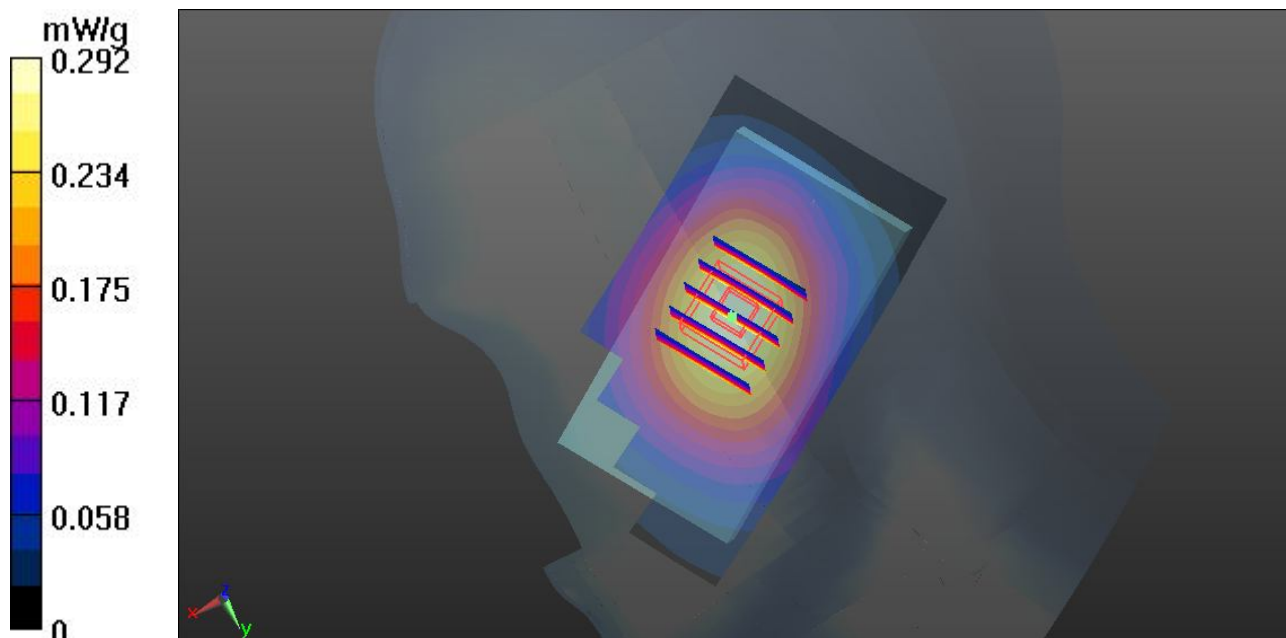
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.207 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.3550

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



03 GSM850_Left Cheek_Ch251

DUT: 1D2801

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

Medium: HSL_850_120118 Medium parameters used: $f = 849$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 41.889$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.566 mW/g

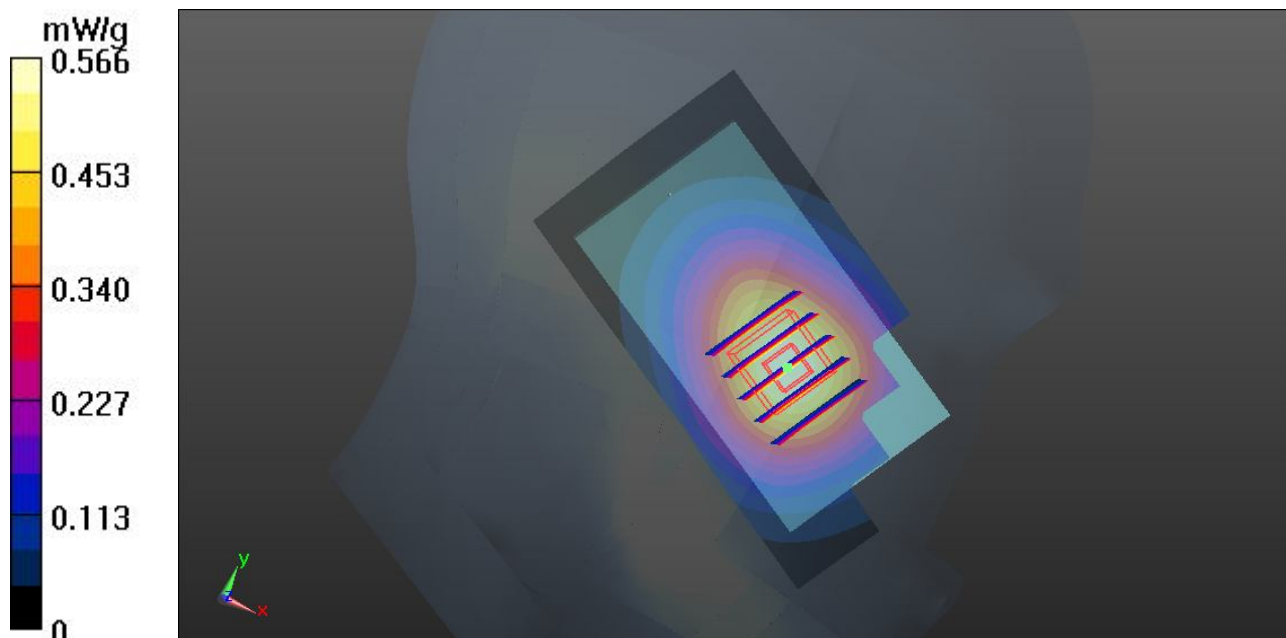
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.349 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.6780

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.382 mW/g

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



03 GSM850_Left Cheek_Ch251_2D**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 849$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 41.889$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.566 mW/g

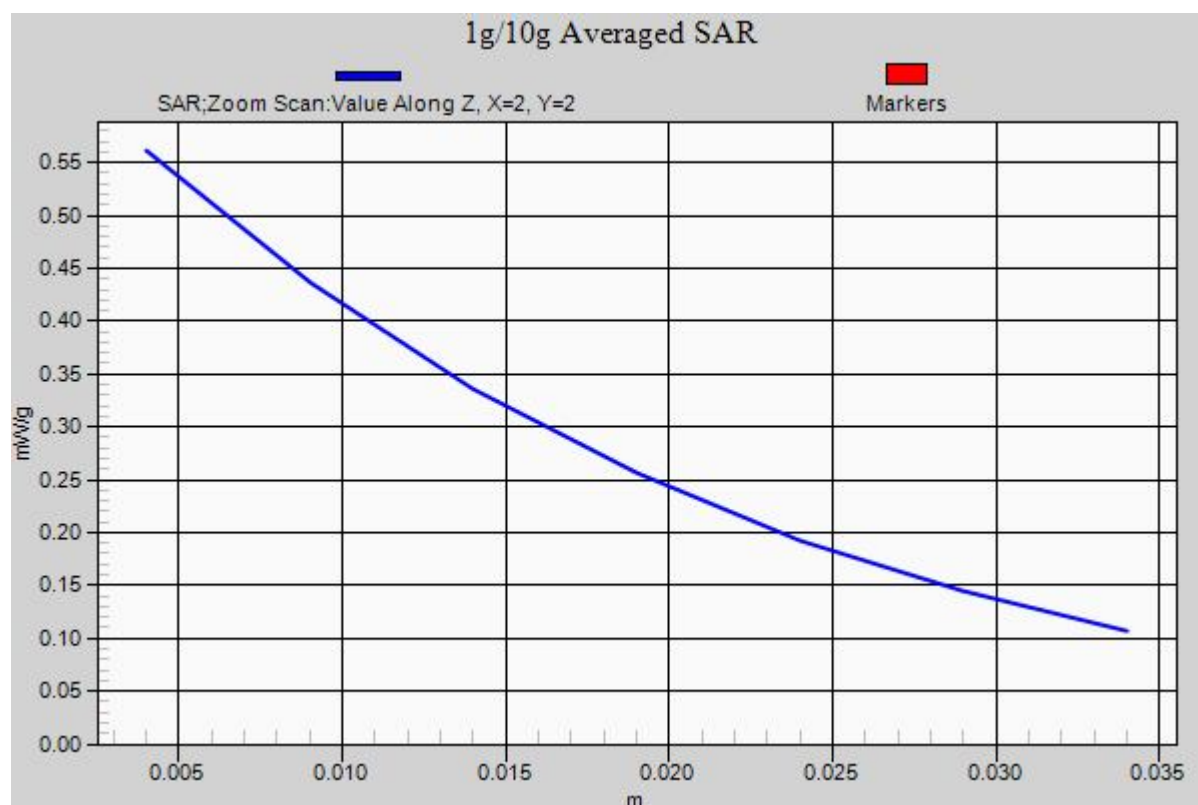
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.349 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.6780

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.382 mW/g

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



04 GSM850_Left Tilted_Ch251

DUT: 1D2801

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

Medium: HSL_850_120118 Medium parameters used: $f = 849$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 41.889$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.287 mW/g

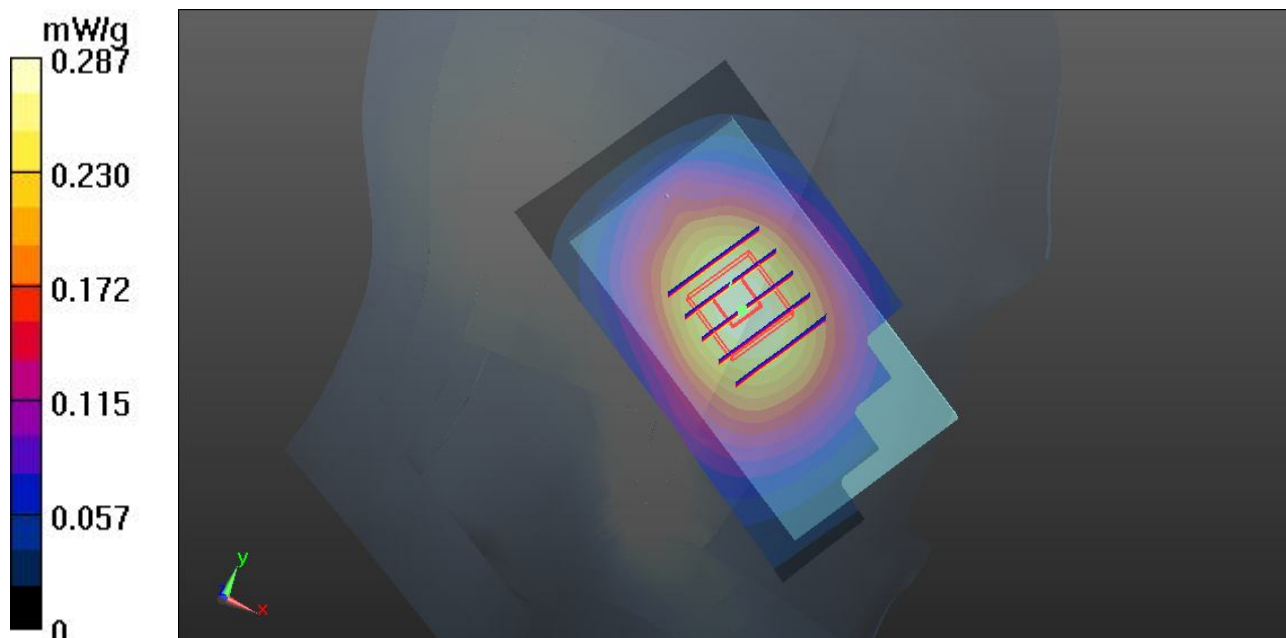
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.120 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.3530

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.199 mW/g

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



11 GSM1900_Right Cheek_Ch810

DUT: 1D2801

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$

39.115; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.115 mW/g

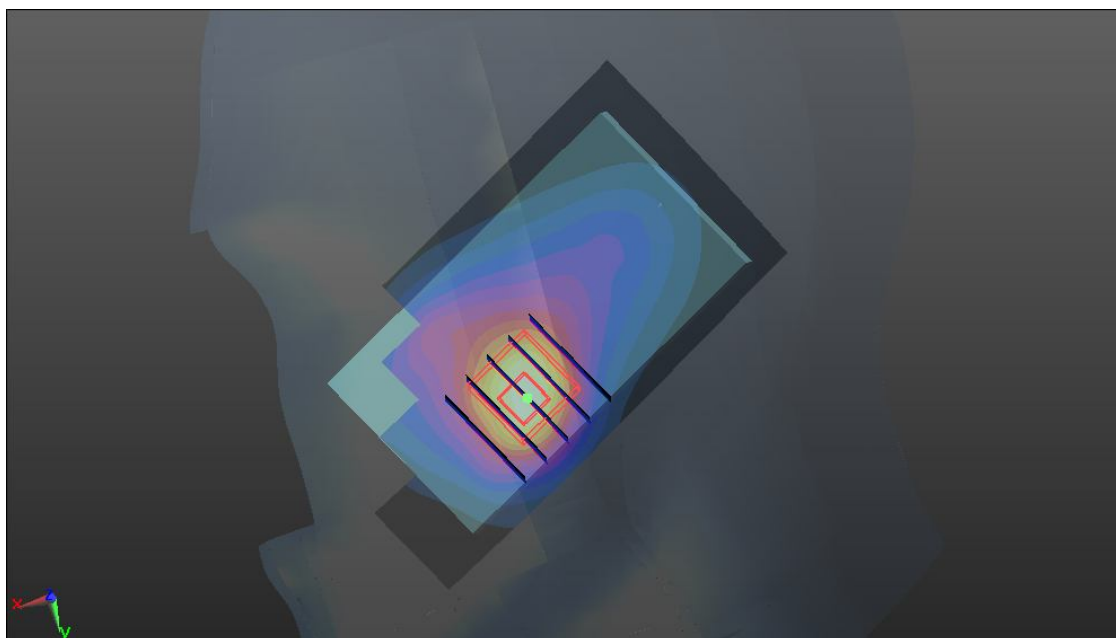
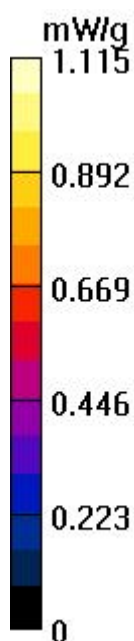
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.494 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.6850

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.150 mW/g



11 GSM1900_Right Cheek_Ch810_2D**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$

39.115; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.115 mW/g

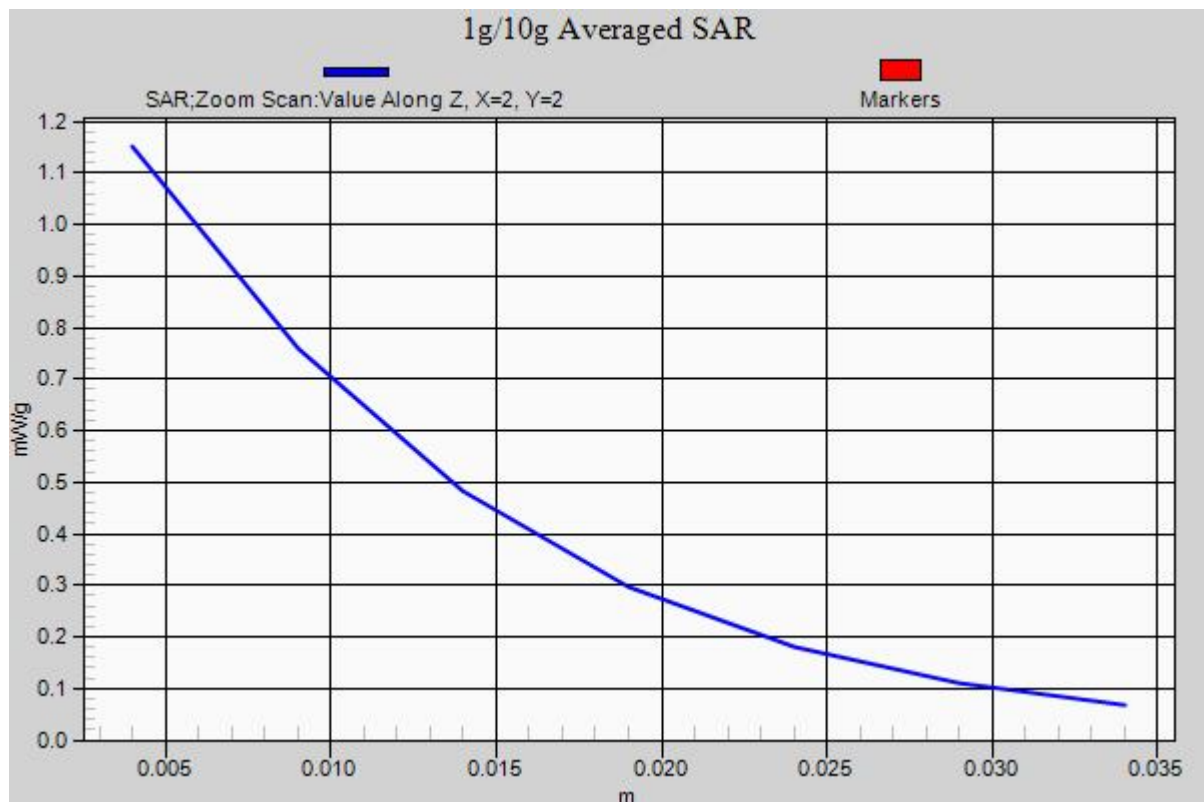
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.494 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.6850

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.150 mW/g



12 GSM1900_Right Tilted_Ch810

DUT: 1D2801

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$

39.115; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

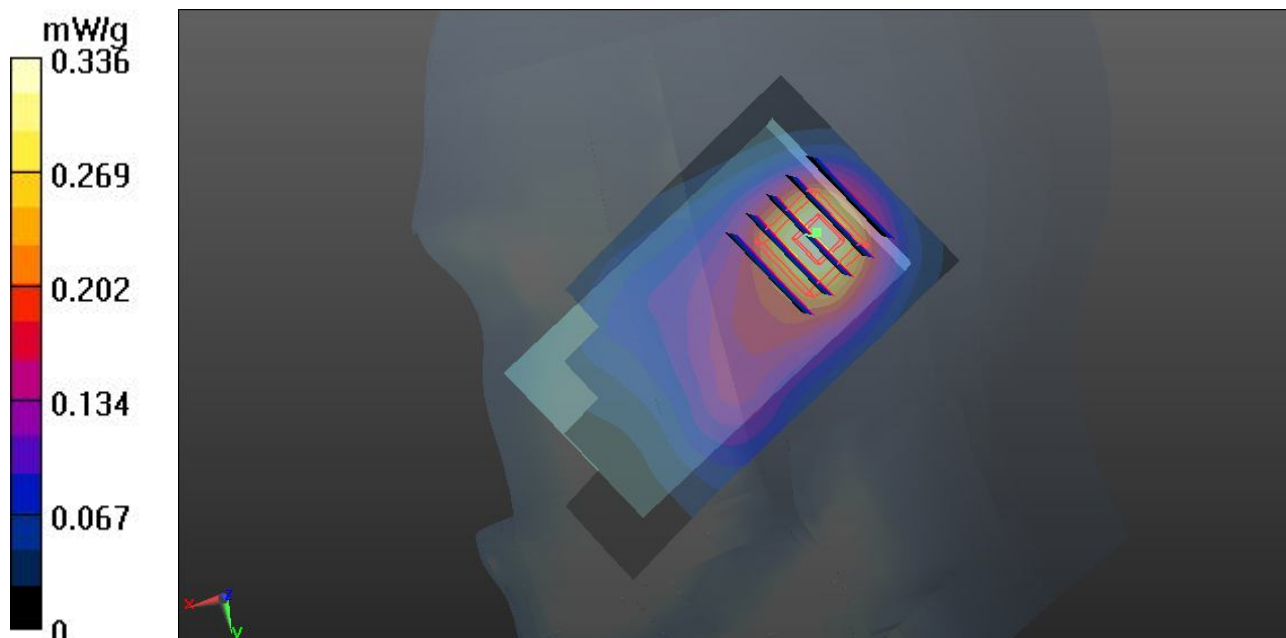
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.478 V/m; Power Drift = 0.0024 dB

Peak SAR (extrapolated) = 0.4780

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.336 mW/g



13 GSM1900_Left Cheek_Ch810

DUT: 1D2801

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$

39.115; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.940 mW/g

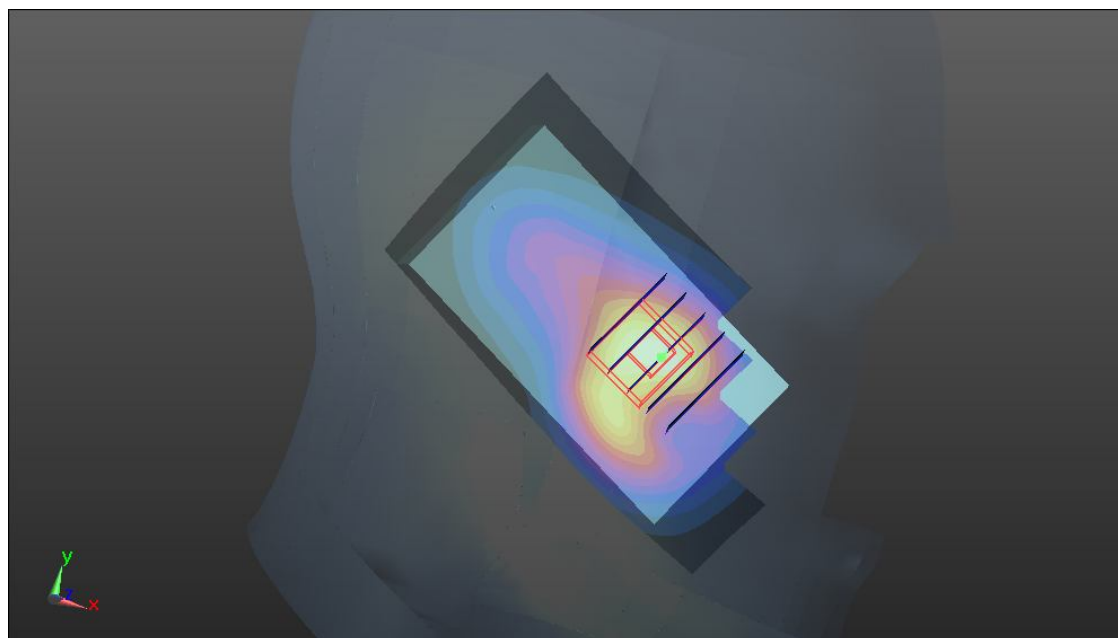
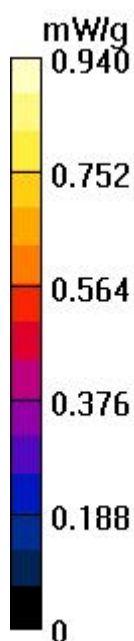
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.681 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.3590

SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 0.936 mW/g



14 GSM1900_Left Tilted_Ch810

DUT: 1D2801

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$

39.115; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

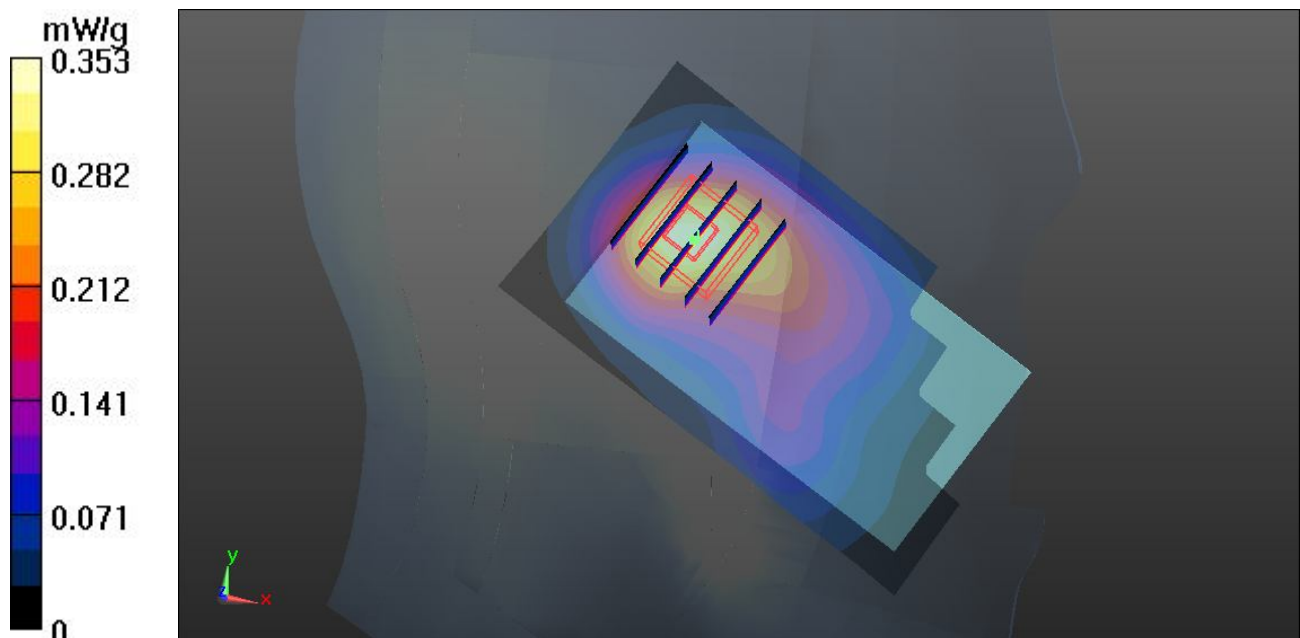
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.147 V/m; Power Drift = 0.007 dB

Peak SAR (extrapolated) = 0.4770

SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.332 mW/g



15 GSM1900_Right Cheek_Ch512**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.398$ mho/m; $\epsilon_r =$

39.327; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

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

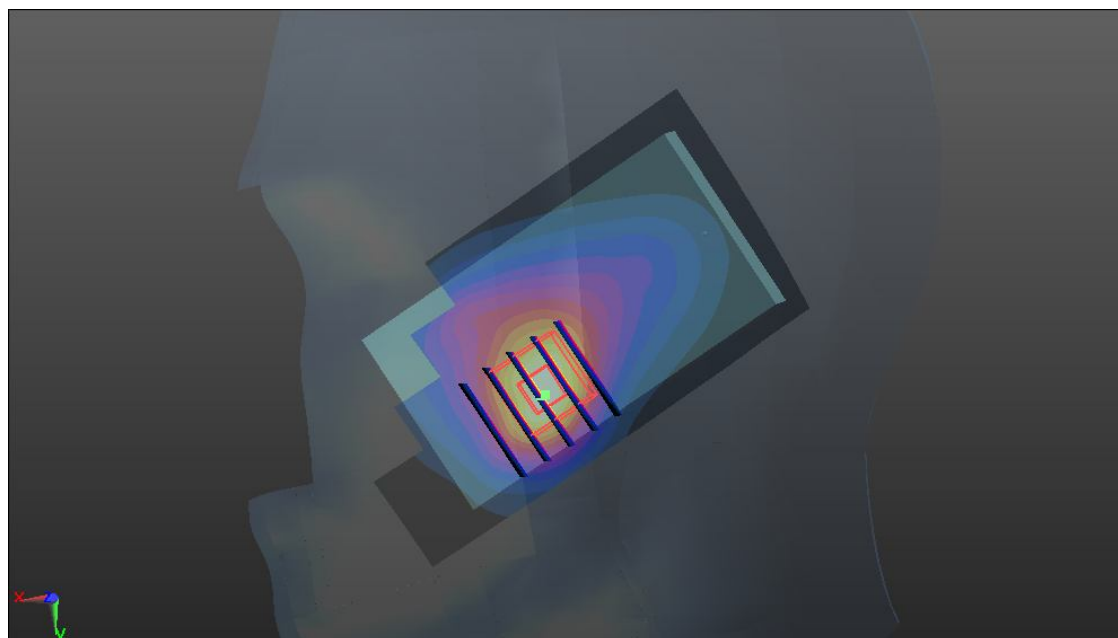
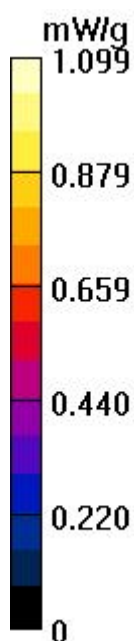
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.715 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.6010

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.601 mW/g

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



16 GSM1900_Right Cheek_Ch661**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

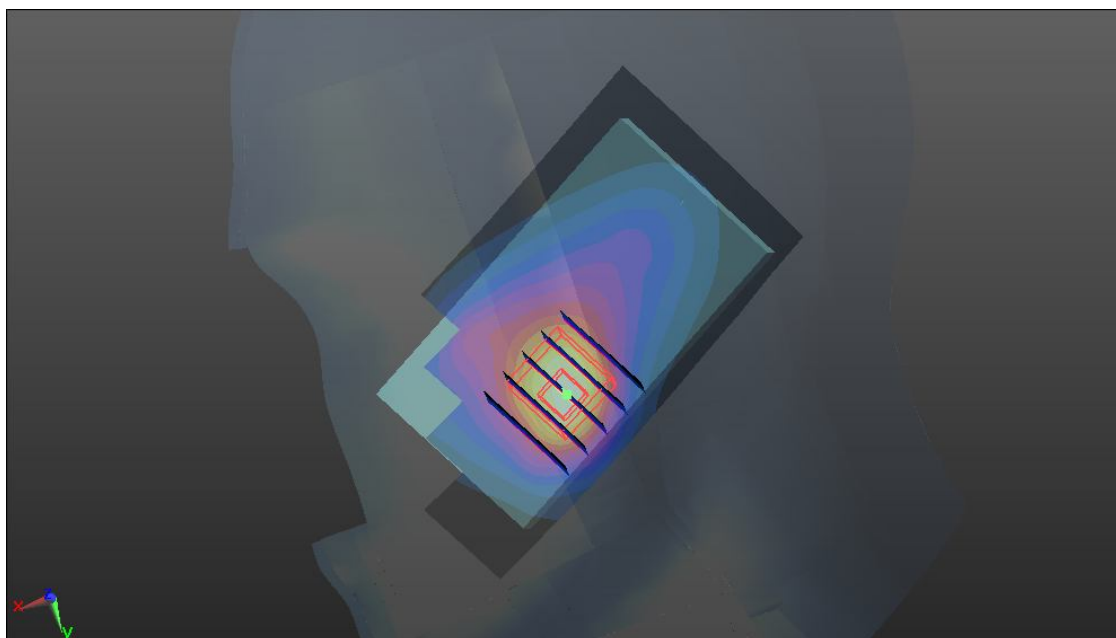
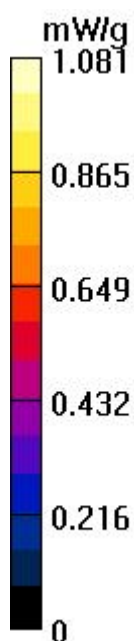
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.274 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.5880

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 1.109 mW/g



17 GSM1900_Left Cheek_Ch512**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.398$ mho/m; $\epsilon_r =$

39.327; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

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

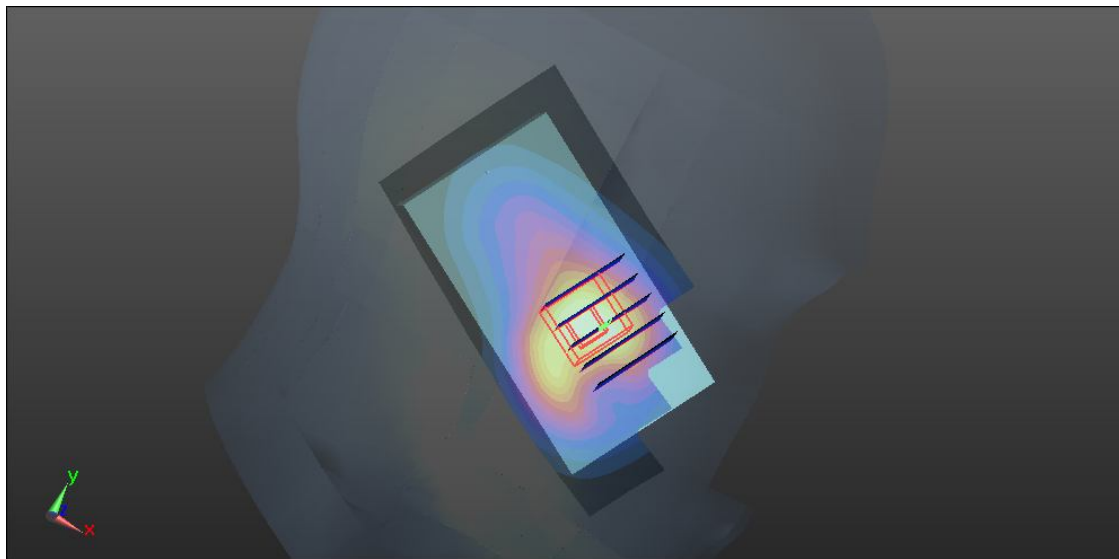
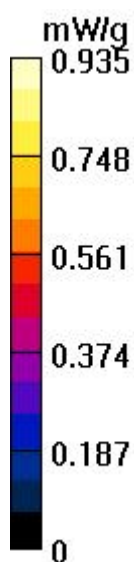
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.610 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.3890

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.932 mW/g



18 GSM1900_Left Cheek_Ch661**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.932 mW/g

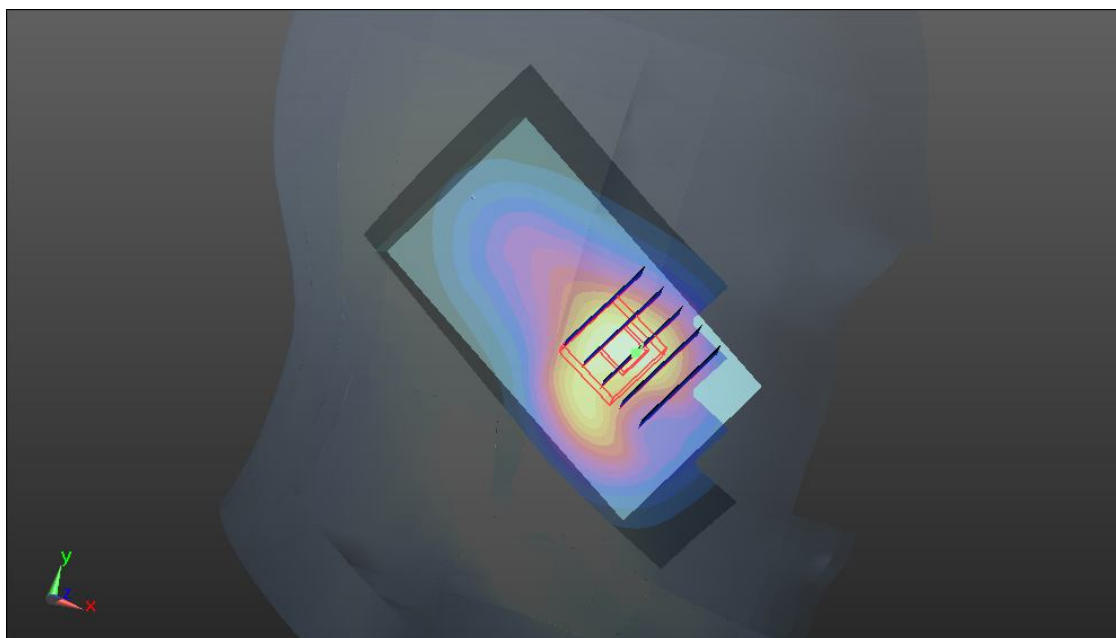
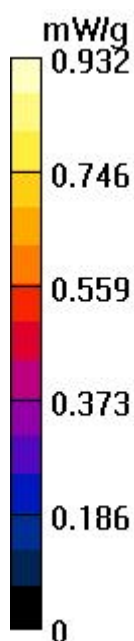
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.483 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.3210

SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.536 mW/g

Maximum value of SAR (measured) = 0.916 mW/g



05 WCDMA V_RMC 12.2K_Right Cheek_Ch4132**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 42.141$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

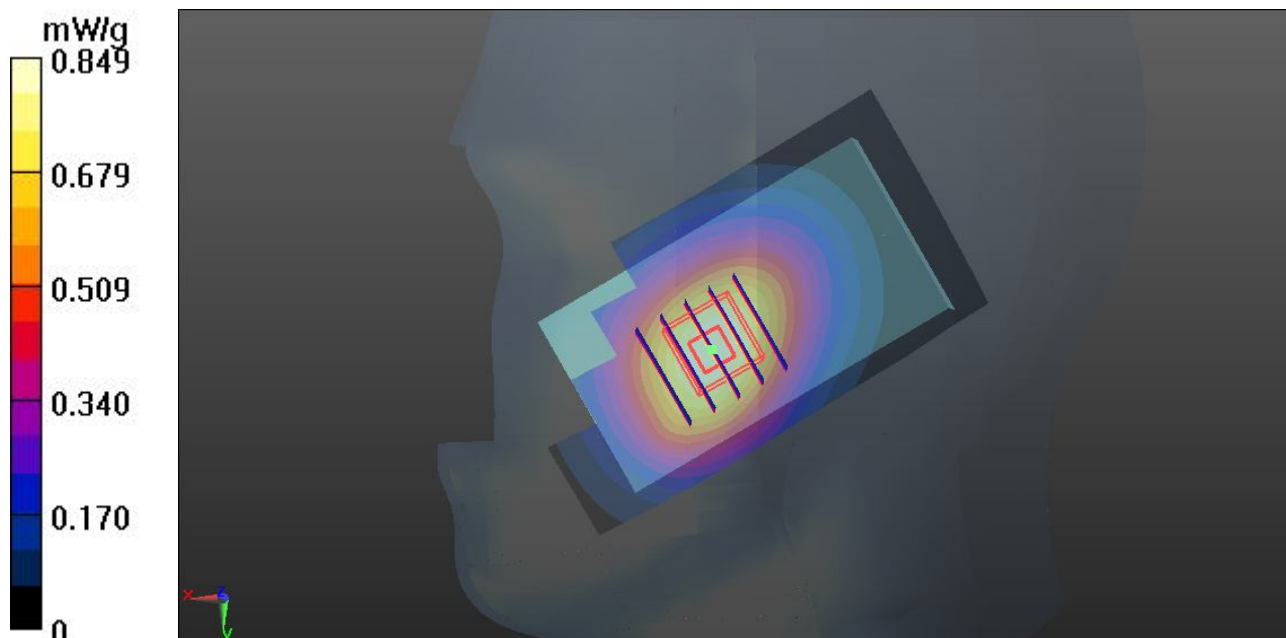
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.536 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.0450

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.556 mW/g

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



06 WCDMA V_RMC 12.2K_Right Tilted_Ch4132**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 42.141$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.437 mW/g

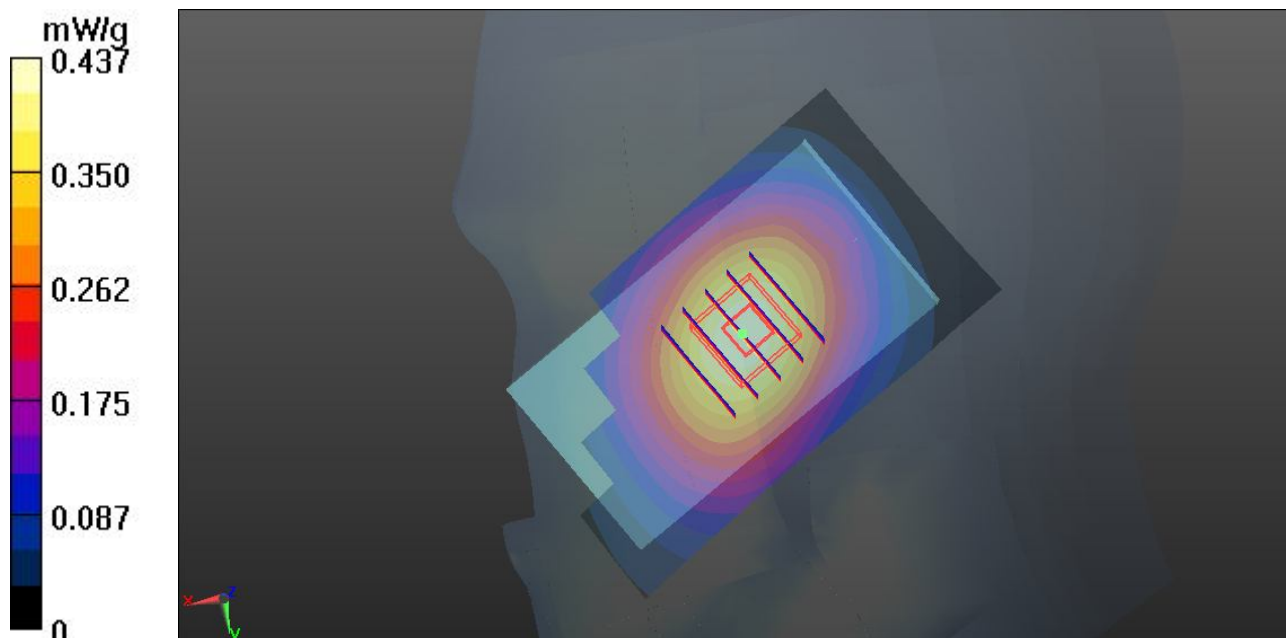
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.962 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.5290

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.306 mW/g

Maximum value of SAR (measured) = 0.432 mW/g



07 WCDMA V_RMC 12.2K_Left Cheek_Ch4132**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 42.141$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.874 mW/g

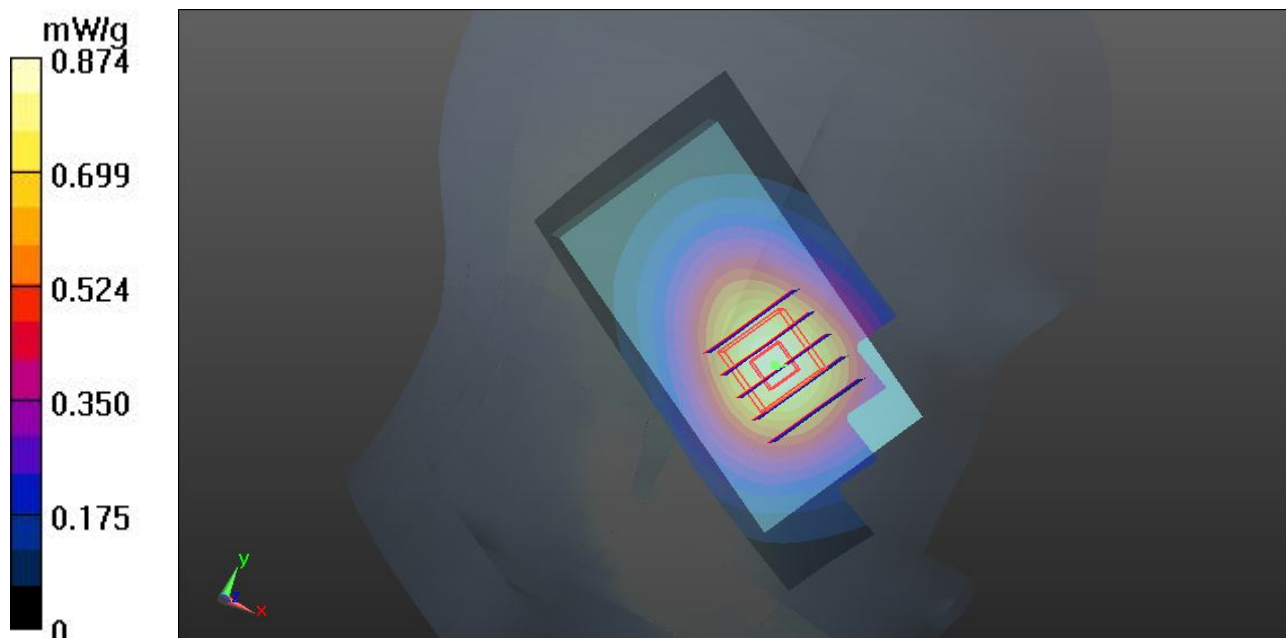
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.257 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.0570

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.592 mW/g

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



07 WCDMA V_RMC 12.2K_Left Cheek_Ch4132_2D**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r =$

42.141; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.874 mW/g

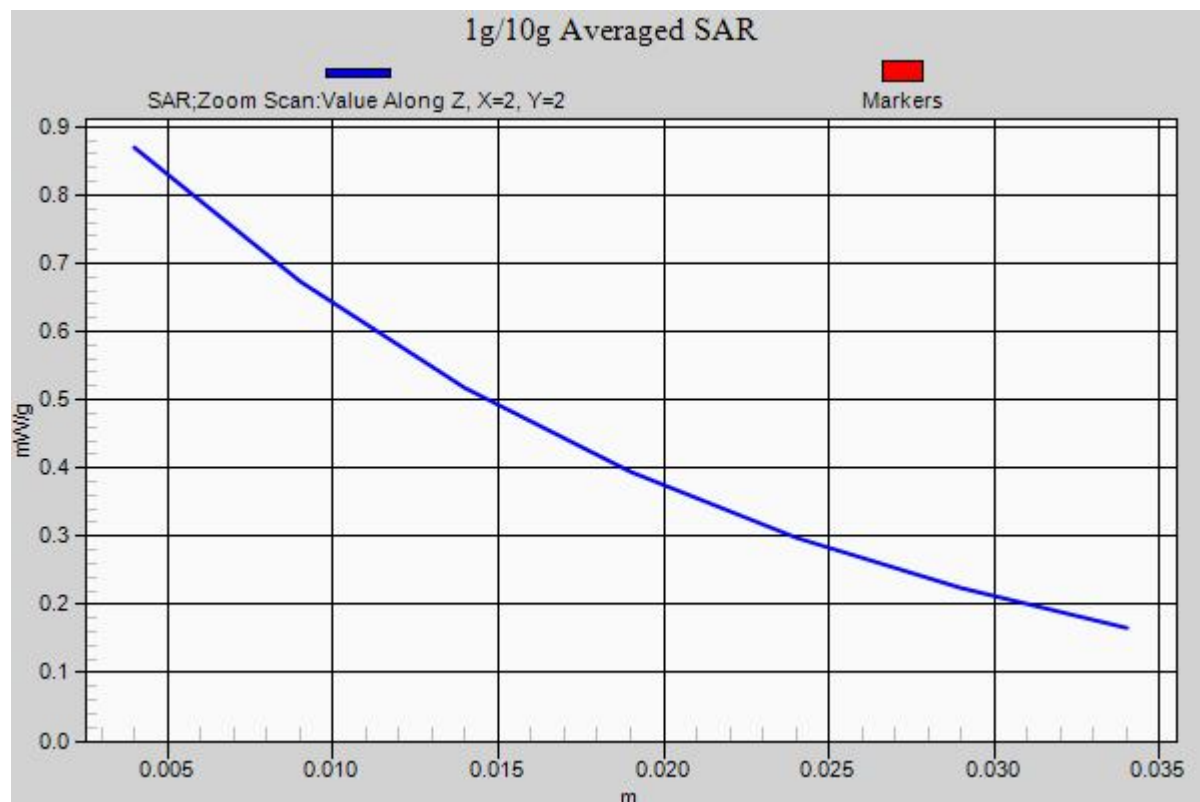
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.257 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.0570

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.592 mW/g

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



08 WCDMA V_RMC 12.2K_Left Tilted_Ch4132**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.904$ mho/m; $\epsilon_r = 42.141$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

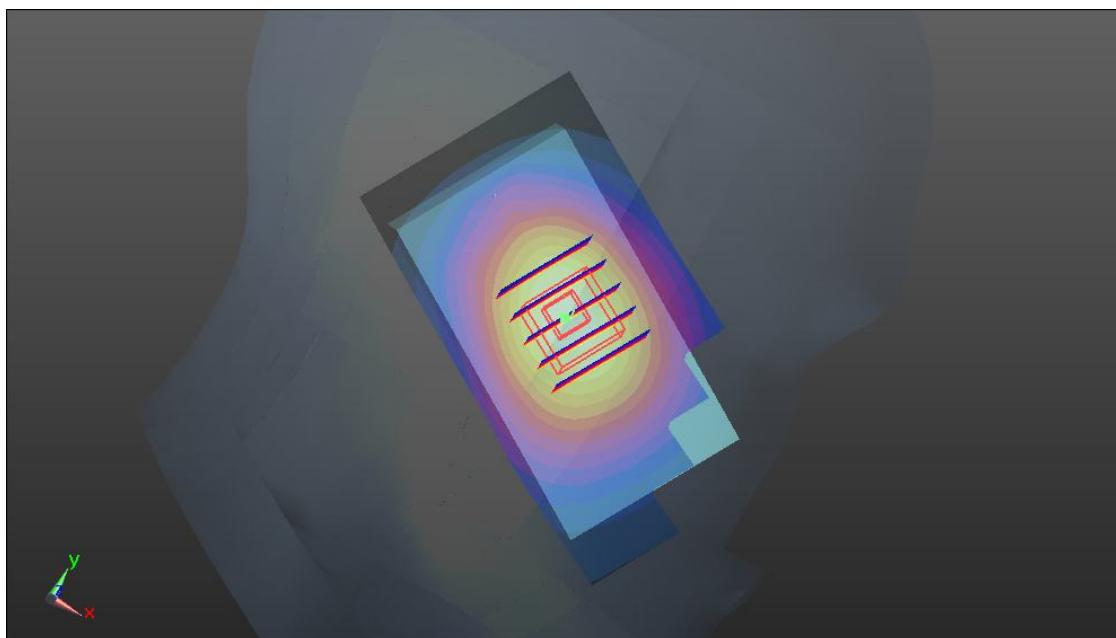
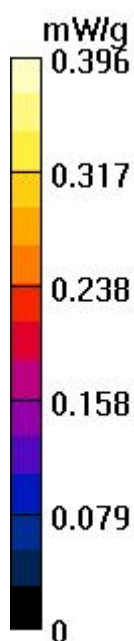
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.225 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.4880

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.398 mW/g



09 WCDMA V_RMC 12.2K_Left Cheek_Ch4182**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 42.034$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4182/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.884 mW/g

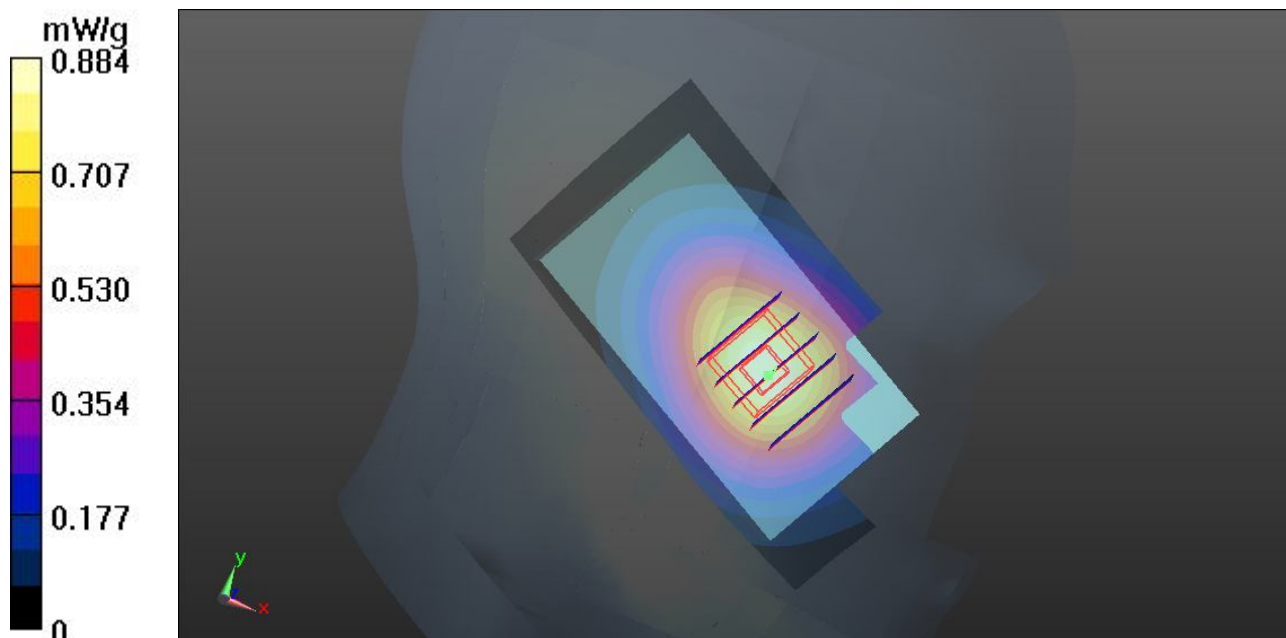
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.102 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.0610

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.592 mW/g

Maximum value of SAR (measured) = 0.864 mW/g



10 WCDMA V_RMC 12.2K_Left Cheek_Ch4233**DUT: 1D2801**

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

Medium: HSL_850_120118 Medium parameters used: $f = 847$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 41.915$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.675 mW/g

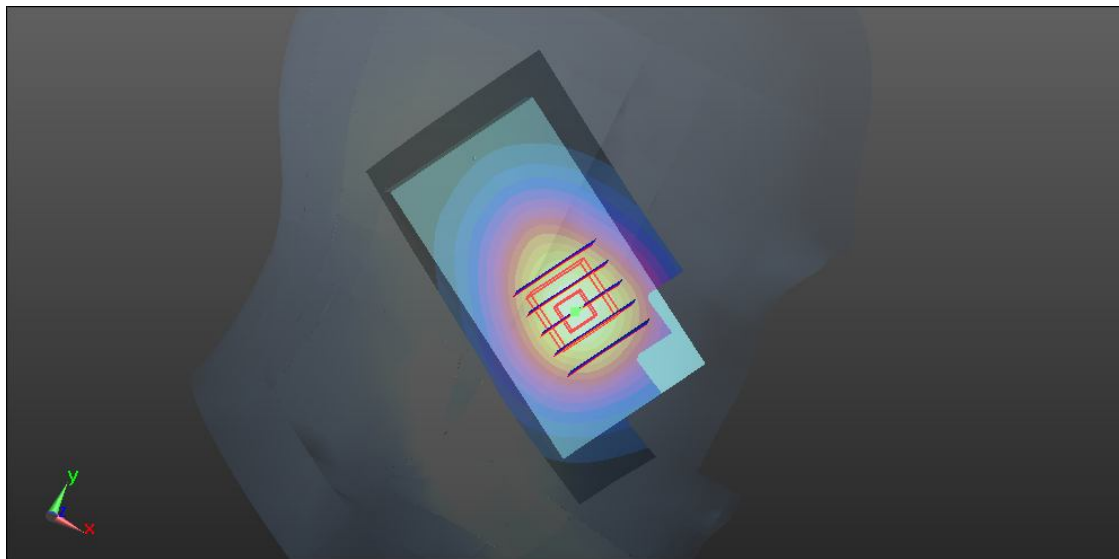
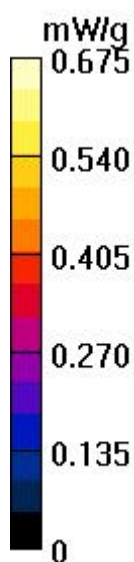
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.817 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.8170

SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.672 mW/g



27 WCDMA II_RMC 12.2K_Right Cheek_Ch9400**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 1.226 mW/g

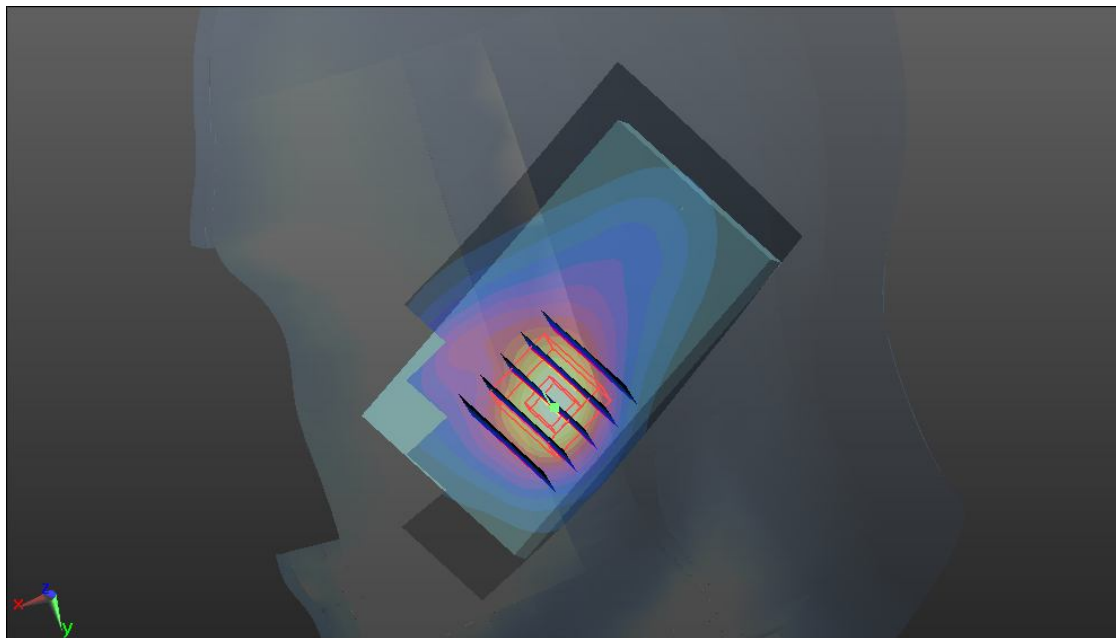
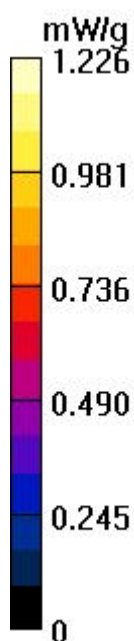
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.370 V/m; Power Drift = 0.00082 dB

Peak SAR (extrapolated) = 1.8240

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.662 mW/g

Maximum value of SAR (measured) = 1.265 mW/g



27 WCDMA II_RMC 12.2K_Right Cheek_Ch9400_2D**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 1.226 mW/g

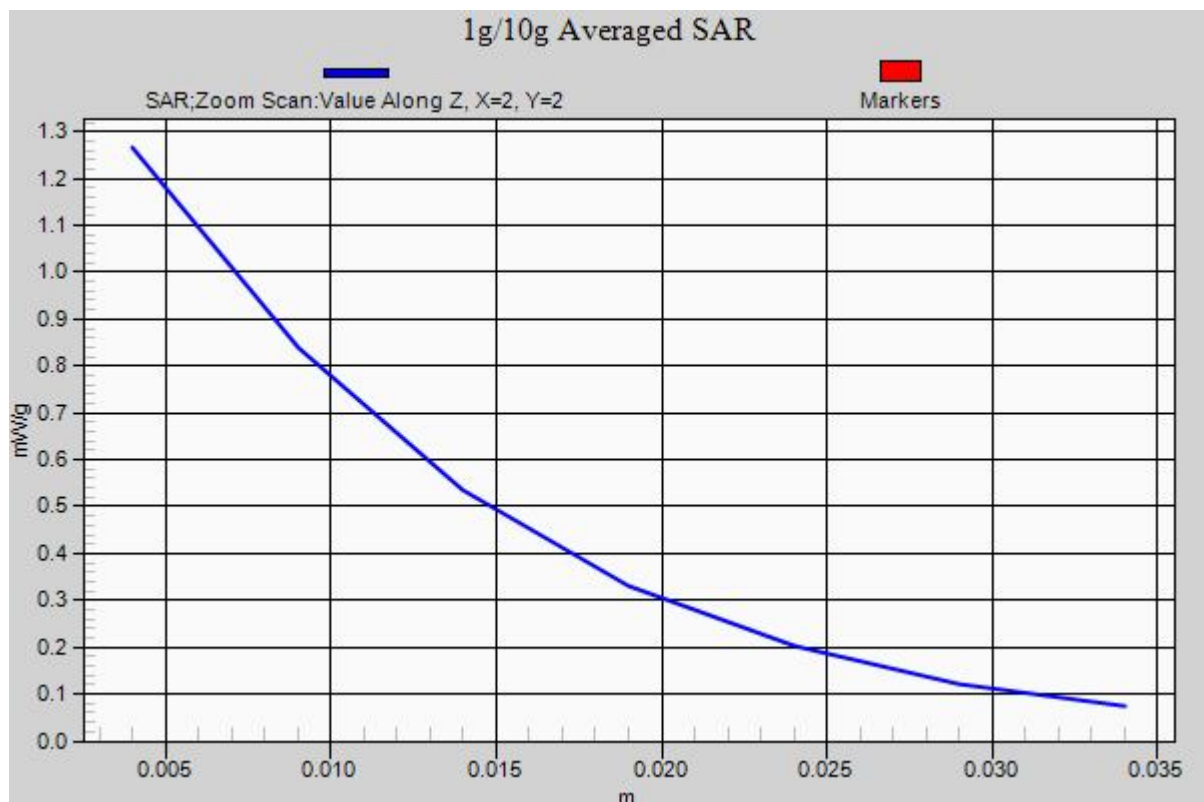
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.370 V/m; Power Drift = 0.00082 dB

Peak SAR (extrapolated) = 1.8240

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.662 mW/g

Maximum value of SAR (measured) = 1.265 mW/g



28 WCDMA II_RMC 12.2K_Right Tilted_Ch9400**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.342 mW/g

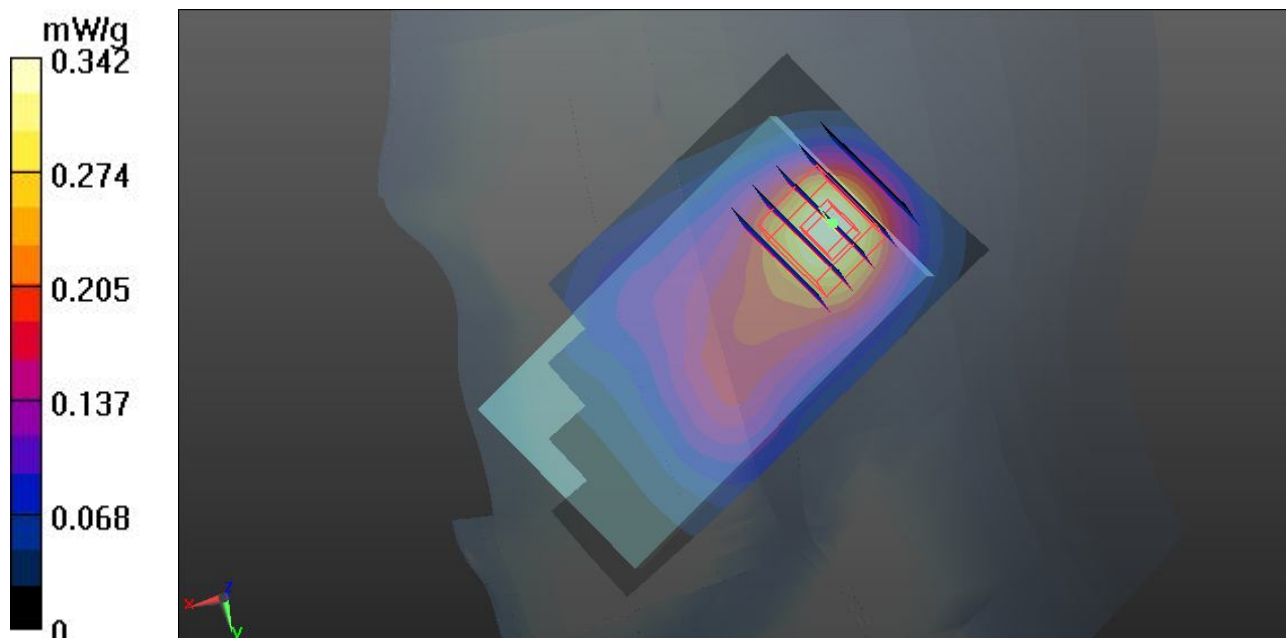
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.040 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.4800

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.189 mW/g

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



29 WCDMA II_RMC 12.2K_Left Cheek_Ch9400**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.981 mW/g

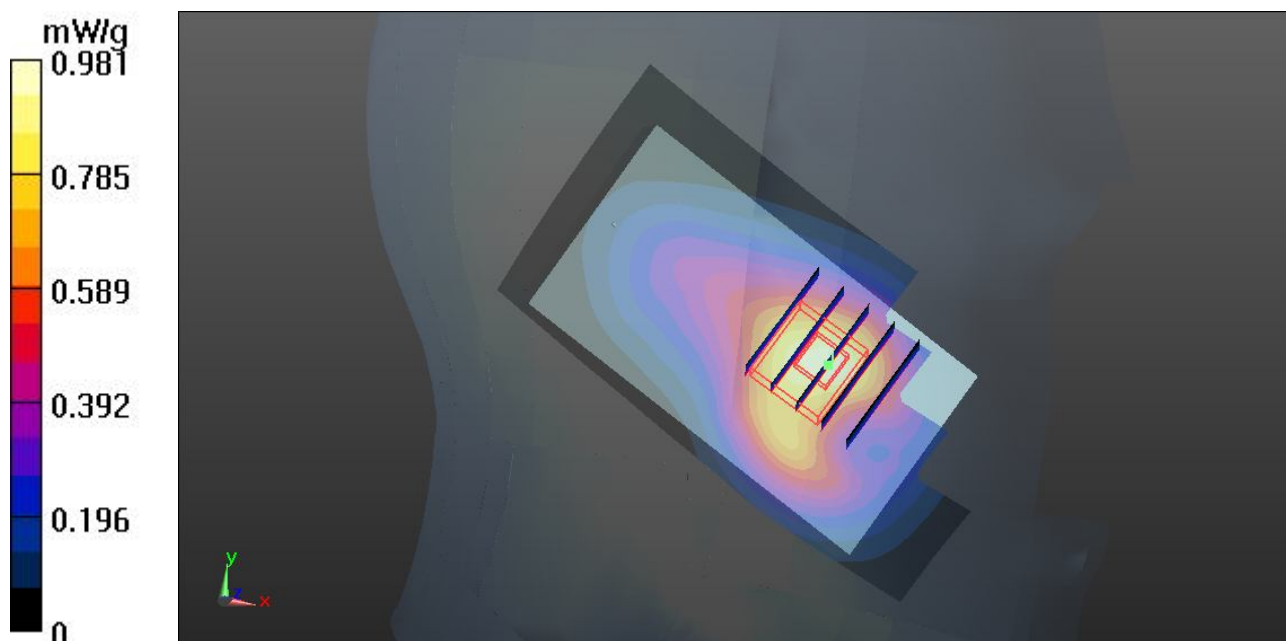
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.709 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.3750

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.544 mW/g

Maximum value of SAR (measured) = 0.967 mW/g



30 WCDMA II_RMC 12.2K_Left Tilted_Ch9400**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ mho/m; $\epsilon_r =$

39.222; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.339 mW/g

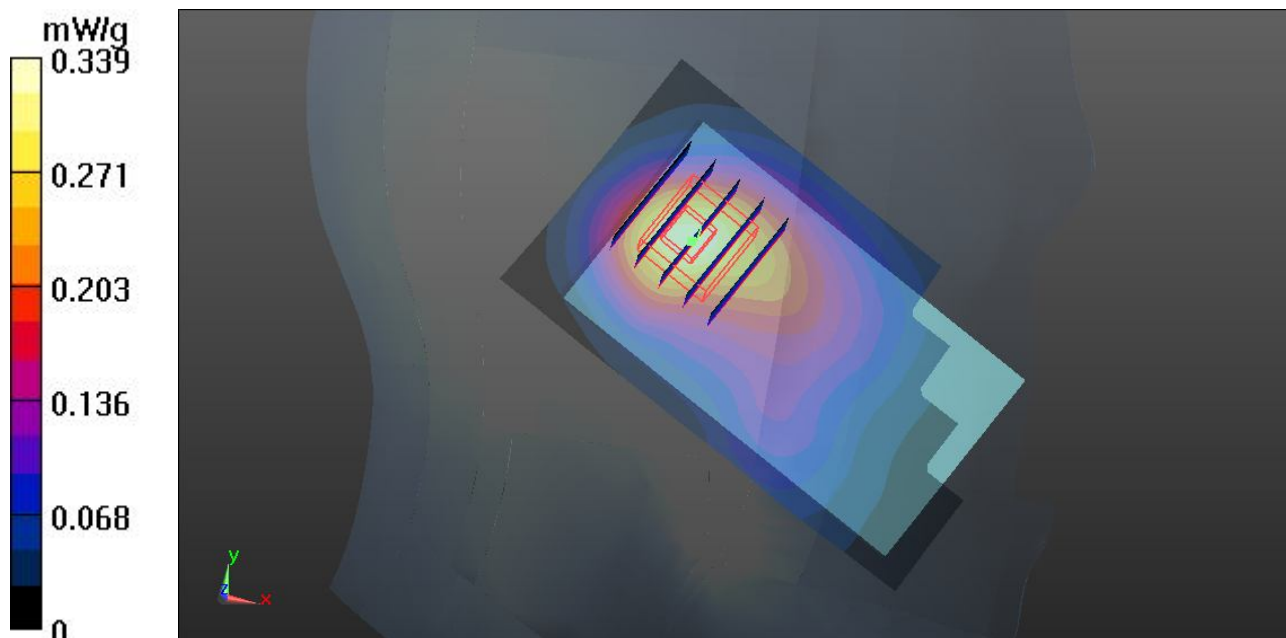
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.950 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.4600

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.321 mW/g



31 WCDMA II_RMC 12.2K_Right Cheek_Ch9262**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r =$

39.319; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 1.146 mW/g

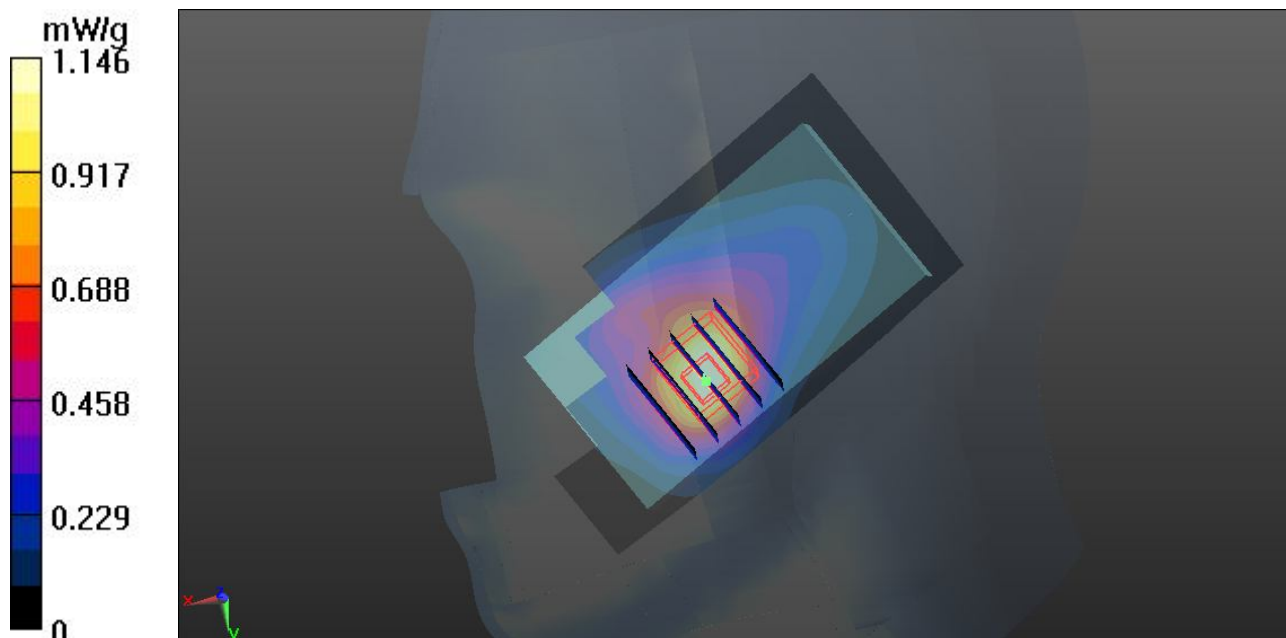
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.497 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.6930

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.628 mW/g

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



32 WCDMA II_RMC 12.2K_Right Cheek_Ch9538**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.457$ mho/m; $\epsilon_r =$

39.121; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

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

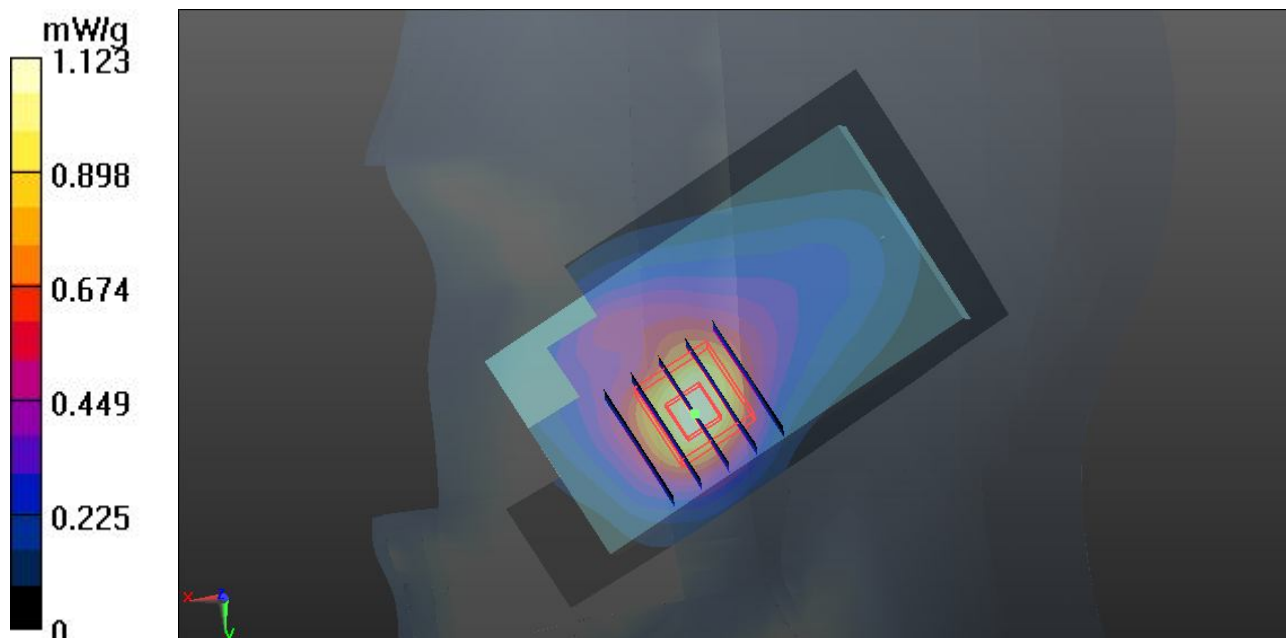
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.876 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.6880

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.604 mW/g

Maximum value of SAR (measured) = 1.167 mW/g



33 WCDMA II_RMC 12.2K_Left Cheek_Ch9262**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r =$

39.319; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.985 mW/g

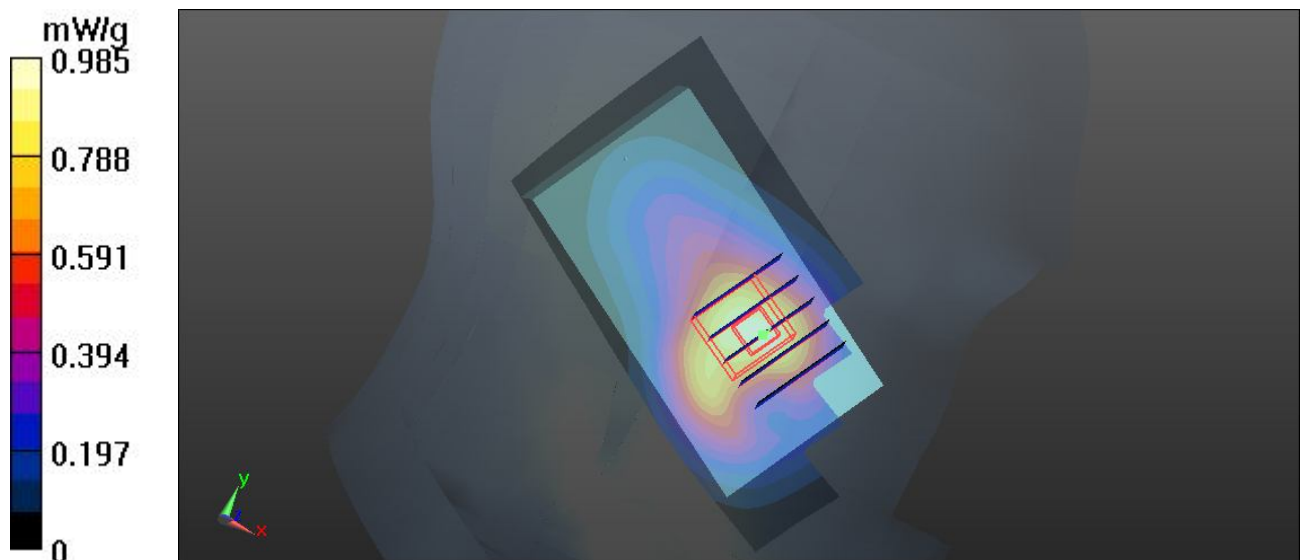
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.070 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.3750

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.555 mW/g

Maximum value of SAR (measured) = 0.969 mW/g



34 WCDMA II_RMC 12.2K_Left Cheek_Ch9538**DUT: 1D2801**

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

Medium: HSL_1900_120119 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.457$ mho/m; $\epsilon_r =$

39.121; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.845 mW/g

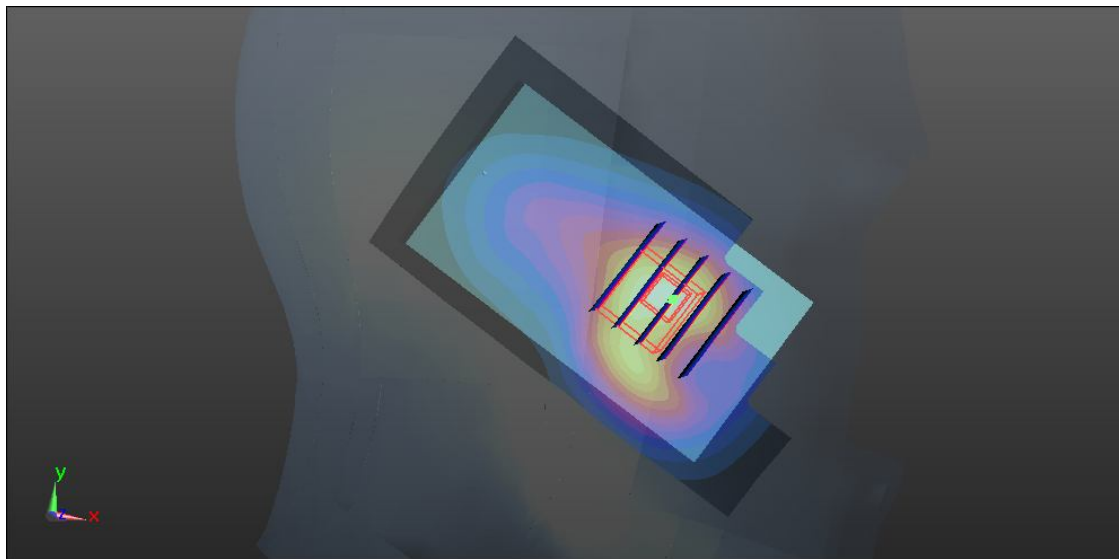
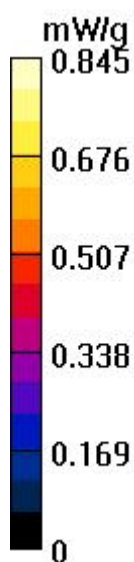
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.936 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.2020

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.468 mW/g

Maximum value of SAR (measured) = 0.832 mW/g



35 802.11b_Right Cheek_Ch6**DUT: 1D2801**

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

Medium: HSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ mho/m; $\epsilon_r =$

40.127; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.033 mW/g

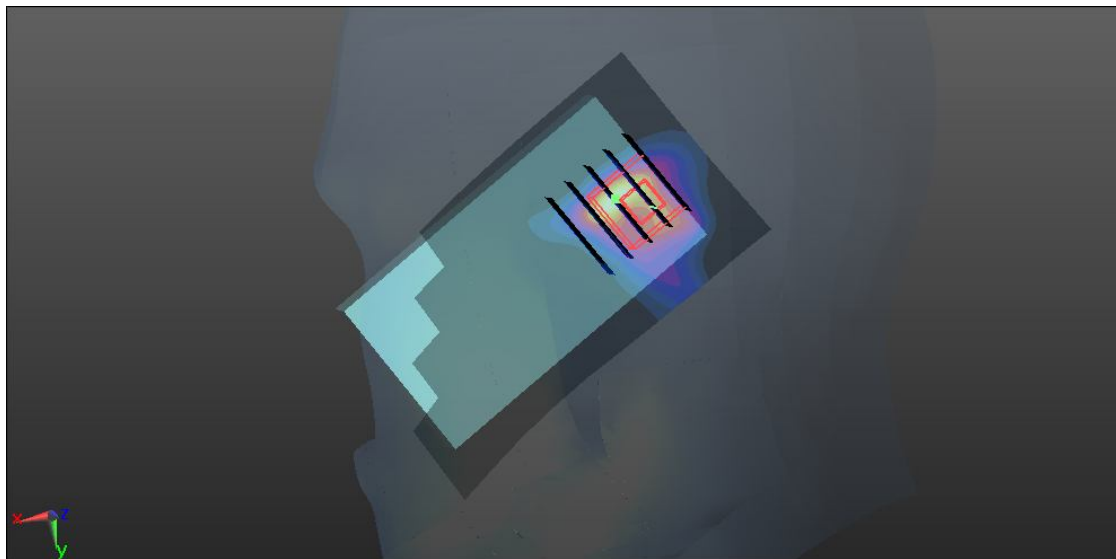
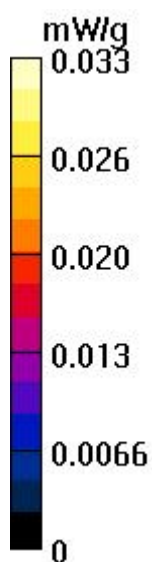
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.223 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0480

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00671 mW/g

Maximum value of SAR (measured) = 0.018 mW/g



36 802.11b_Right Tilted_Ch6**DUT: 1D2801**

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

Medium: HSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ mho/m; $\epsilon_r =$

40.127; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.038 mW/g

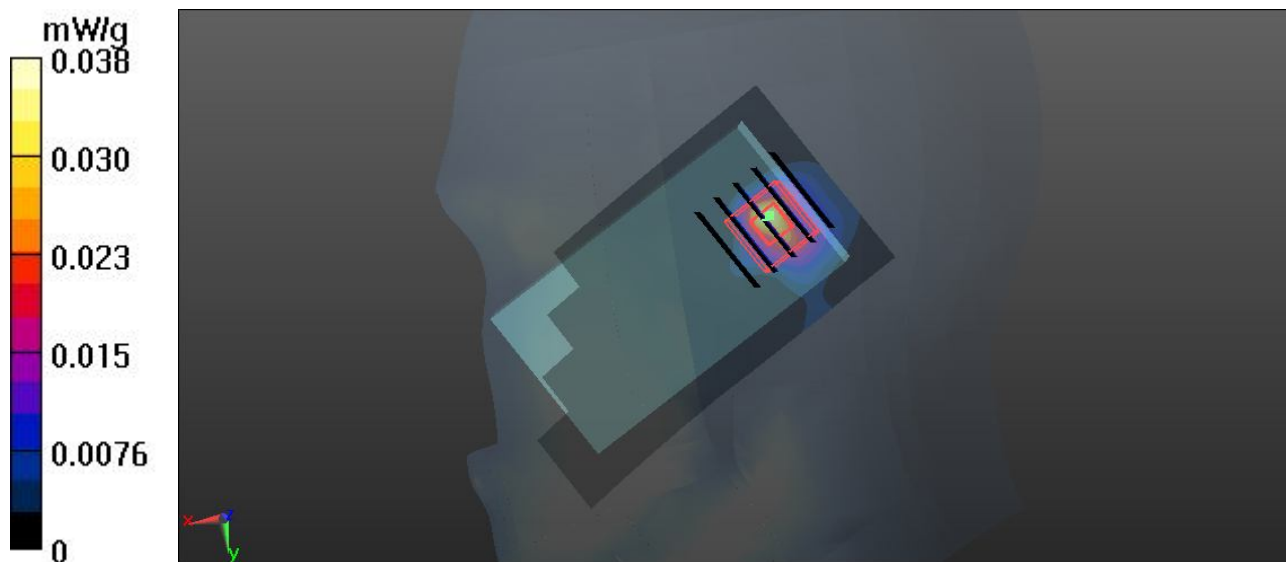
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.565 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0470

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00733 mW/g

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



37 802.11b_Left Cheek_Ch6**DUT: 1D2801**

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

Medium: HSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ mho/m; $\epsilon_r =$

40.127; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

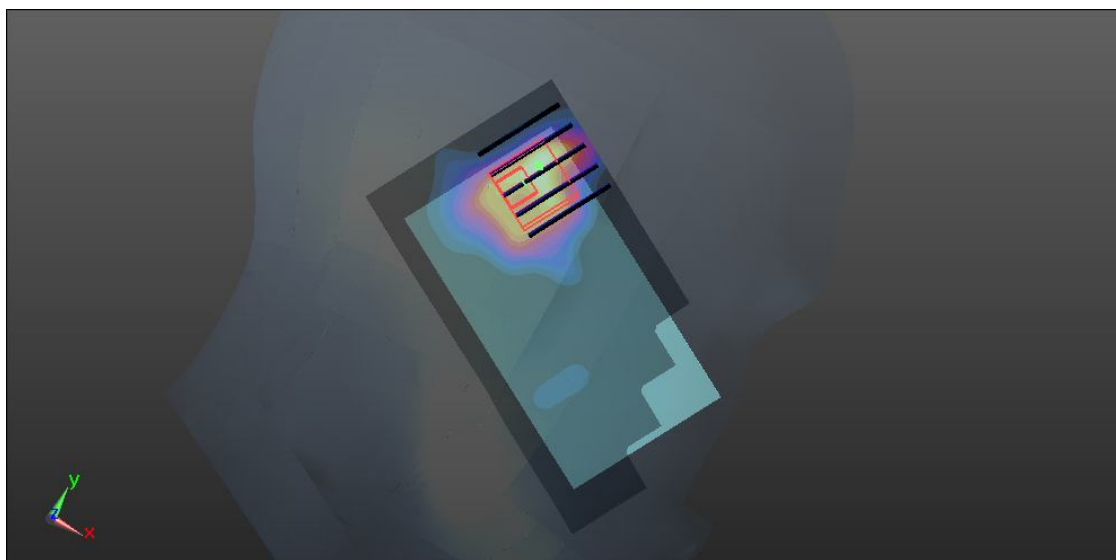
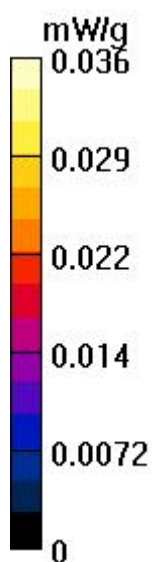
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.549 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0470

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



37 802.11b_Left Cheek_Ch6_2D**DUT: 1D2801**

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

Medium: HSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ mho/m; $\epsilon_r =$

40.127; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

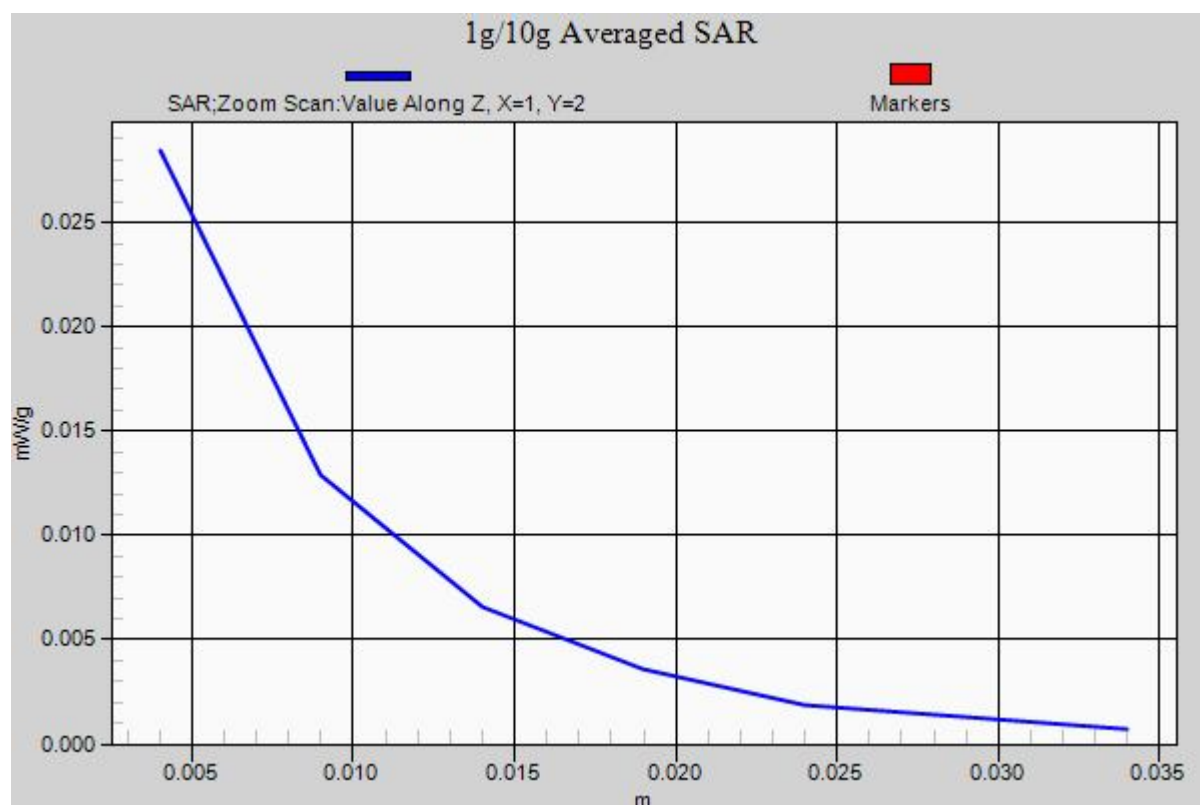
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.549 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0470

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



38 802.11b_Left Tilted_Ch6**DUT: 1D2801**

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

Medium: HSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.814$ mho/m; $\epsilon_r =$

40.127; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

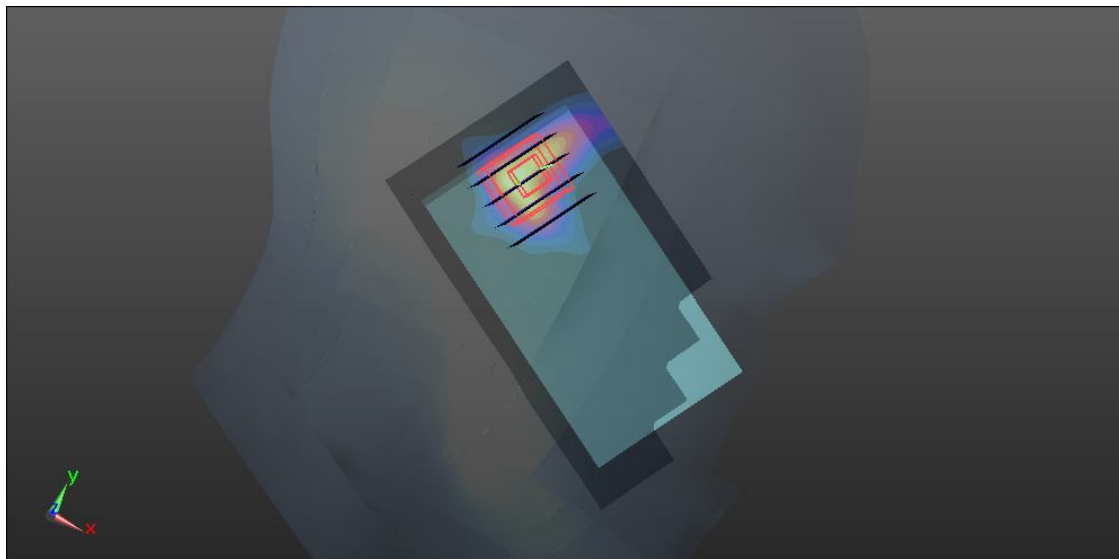
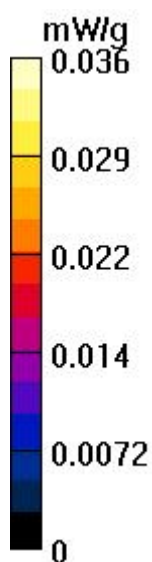
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.427 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0930

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00922 mW/g

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



19 GSM850_GPRS11_Face_1.5cm_Ch251**DUT: 1D2801**

Communication System: GPRS/EDGE11; Frequency: 848.8 MHz; Duty Cycle: 1:2.7

Medium: MSL_850_120119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.168$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.373 mW/g

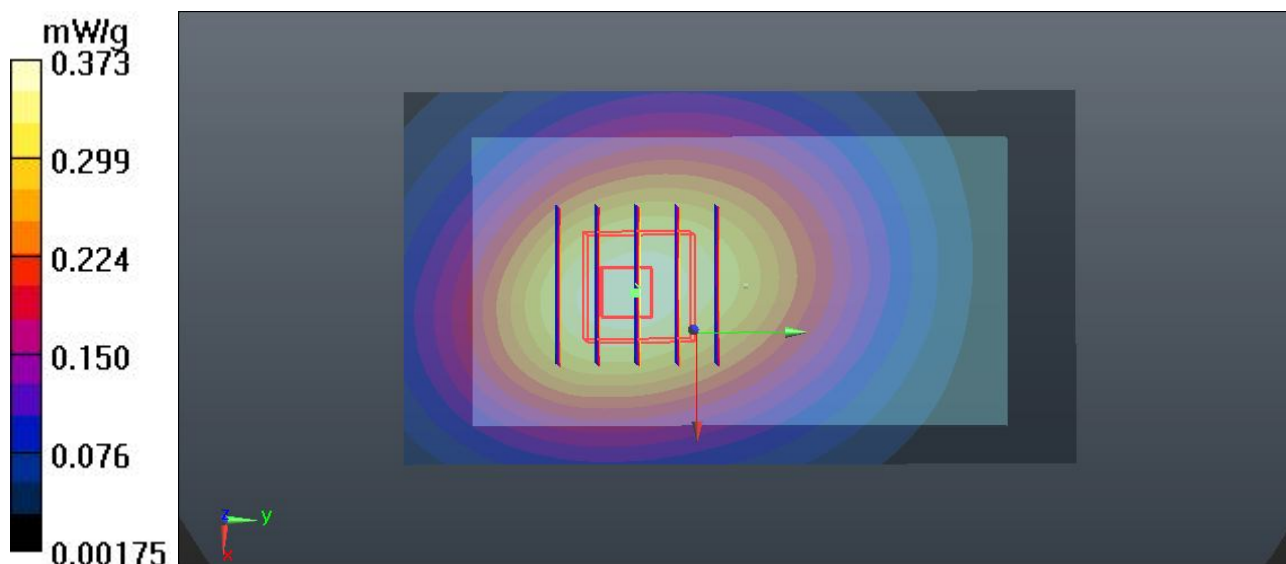
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.117 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.4730

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.253 mW/g

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



20 GSM850_GPRS11_Bottom_1.5cm_Ch251**DUT: 1D2801**

Communication System: GPRS/EDGE11; Frequency: 848.8 MHz; Duty Cycle: 1:2.7

Medium: MSL_850_120119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.168$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

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

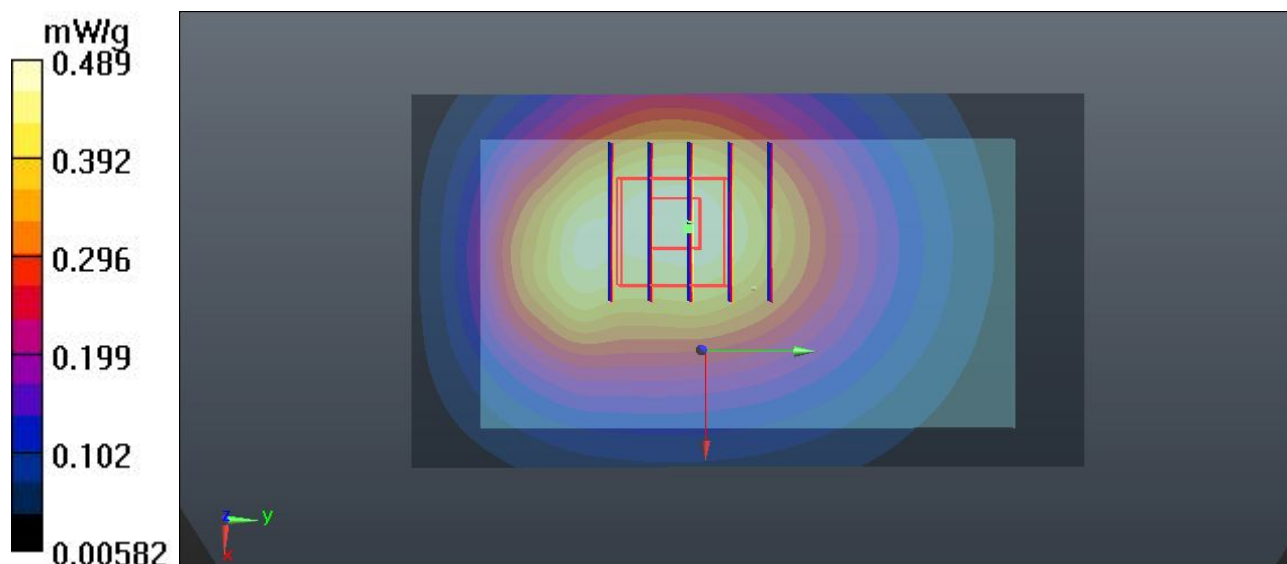
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.782 V/m; Power Drift = 0.0083 dB

Peak SAR (extrapolated) = 0.6400

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.492 mW/g



20 GSM850_GPRS11_Bottom_1.5cm_Ch251_2D**DUT: 1D2801**

Communication System: GPRS/EDGE11; Frequency: 848.8 MHz; Duty Cycle: 1:2.7

Medium: MSL_850_120119 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.168$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

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

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

Reference Value = 19.782 V/m; Power Drift = 0.0083 dB

Peak SAR (extrapolated) = 0.6400

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.492 mW/g



25 GSM1900_GPRS11_Face_1.5cm_Ch810**DUT: 1D2801**

Communication System: GPRS/EDGE11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.347 mW/g

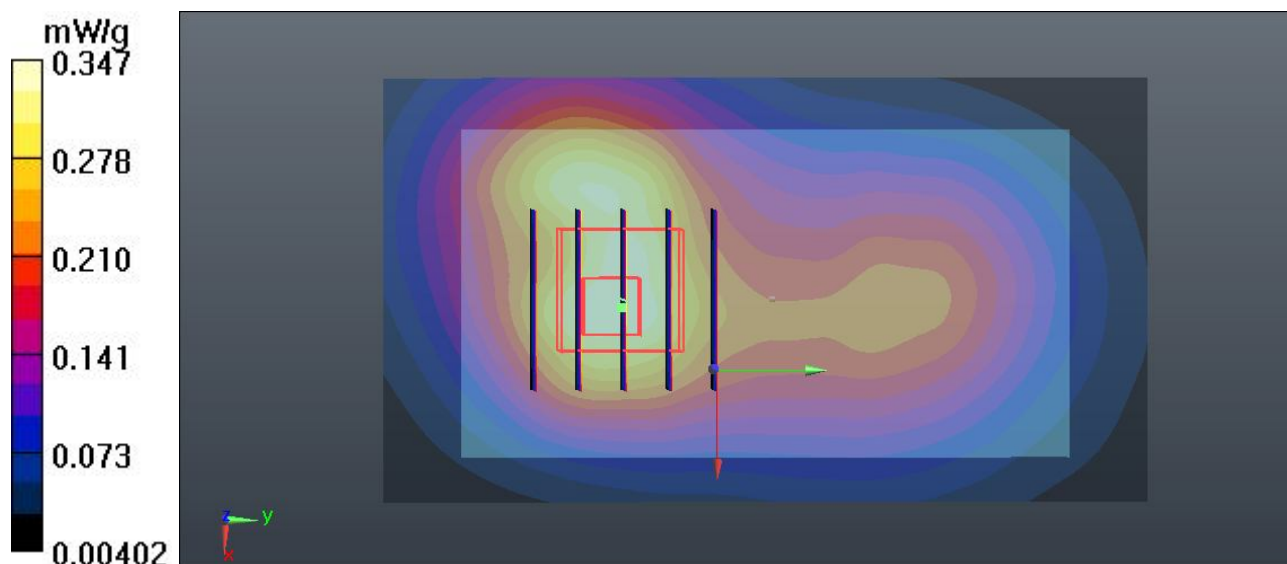
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.535 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.5290

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



25 GSM1900_GPRS11_Face_1.5cm_Ch810_2D**DUT: 1D2801**

Communication System: GPRS/EDGE11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.347 mW/g

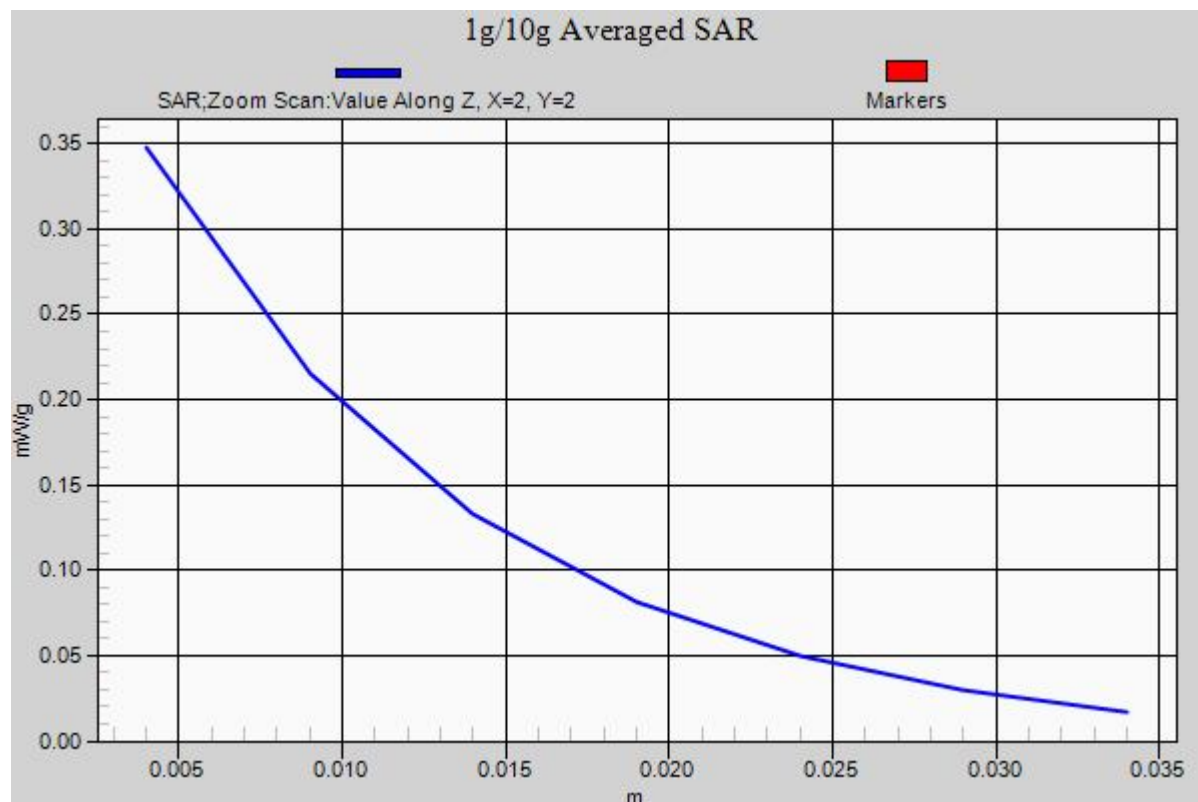
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.535 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.5290

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.348 mW/g



26 GSM1900_GPRS11_Bottom_1.5cm_Ch810**DUT: 1D2801**

Communication System: GPRS/EDGE11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_120119 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.536$ mho/m; $\epsilon_r =$

54.849; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch810/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.277 mW/g

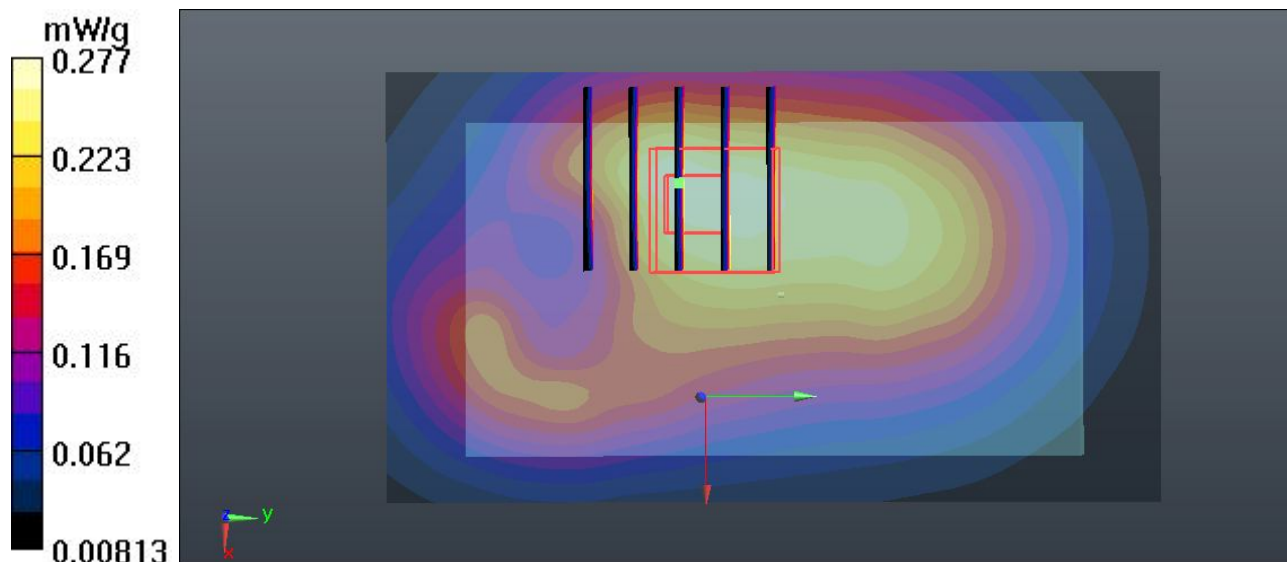
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.764 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.4090

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.161 mW/g

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



21 WCDMA V_RMC 12.2K_Face_1.5cm_Ch4132**DUT: 1D2801**

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

Medium: MSL_850_120119 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$

54.349; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

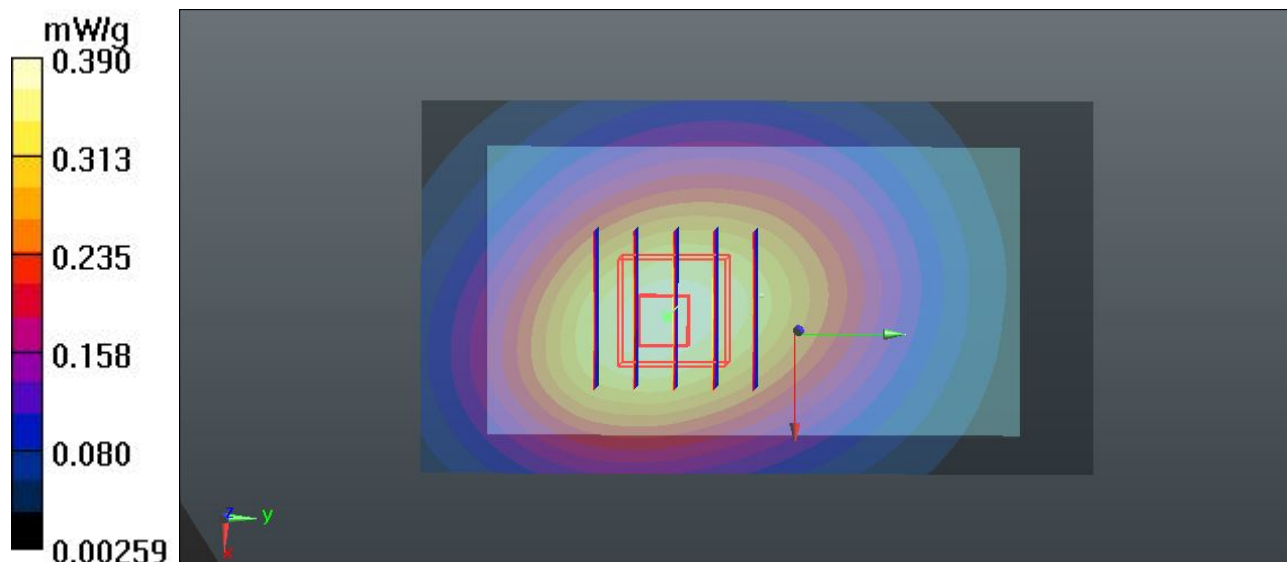
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.466 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.4870

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



22 WCDMA V_RMC 12.2K_Bottom_1.5cm_Ch4132**DUT: 1D2801**

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

Medium: MSL_850_120119 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$

54.349; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.520 mW/g

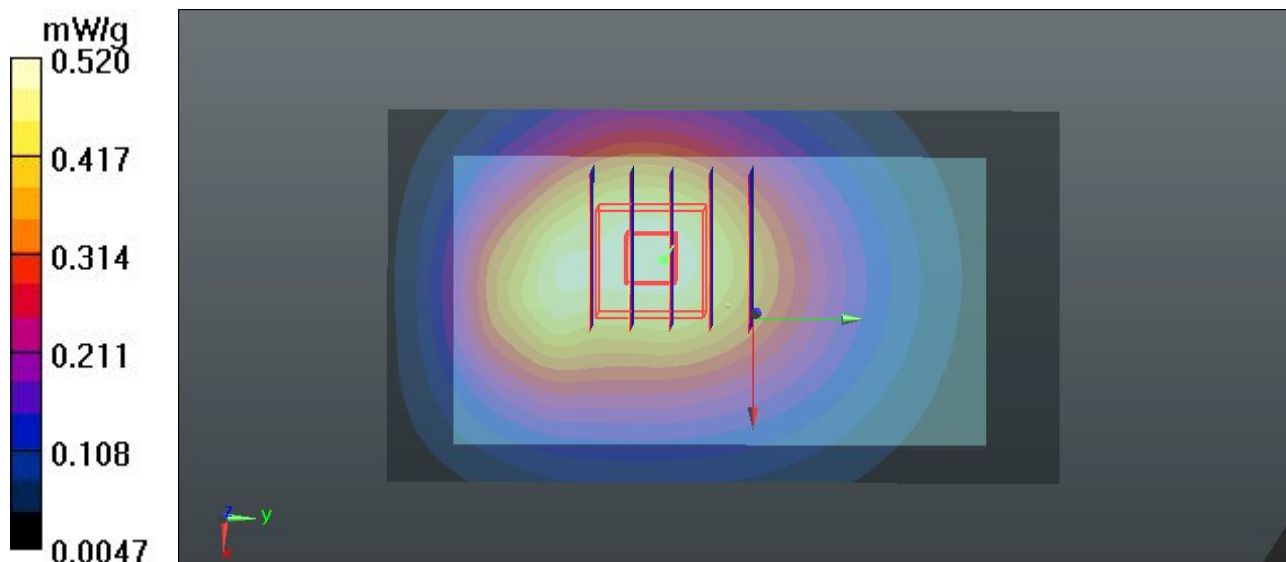
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.899 V/m; Power Drift = -0.0066 dB

Peak SAR (extrapolated) = 0.6840

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.347 mW/g

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



22 WCDMA V_RMC 12.2K_Bottom_1.5cm_Ch4132_2D**DUT: 1D2801**

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

Medium: MSL_850_120119 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$

54.349; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.72, 9.72, 9.72); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch4132/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.520 mW/g

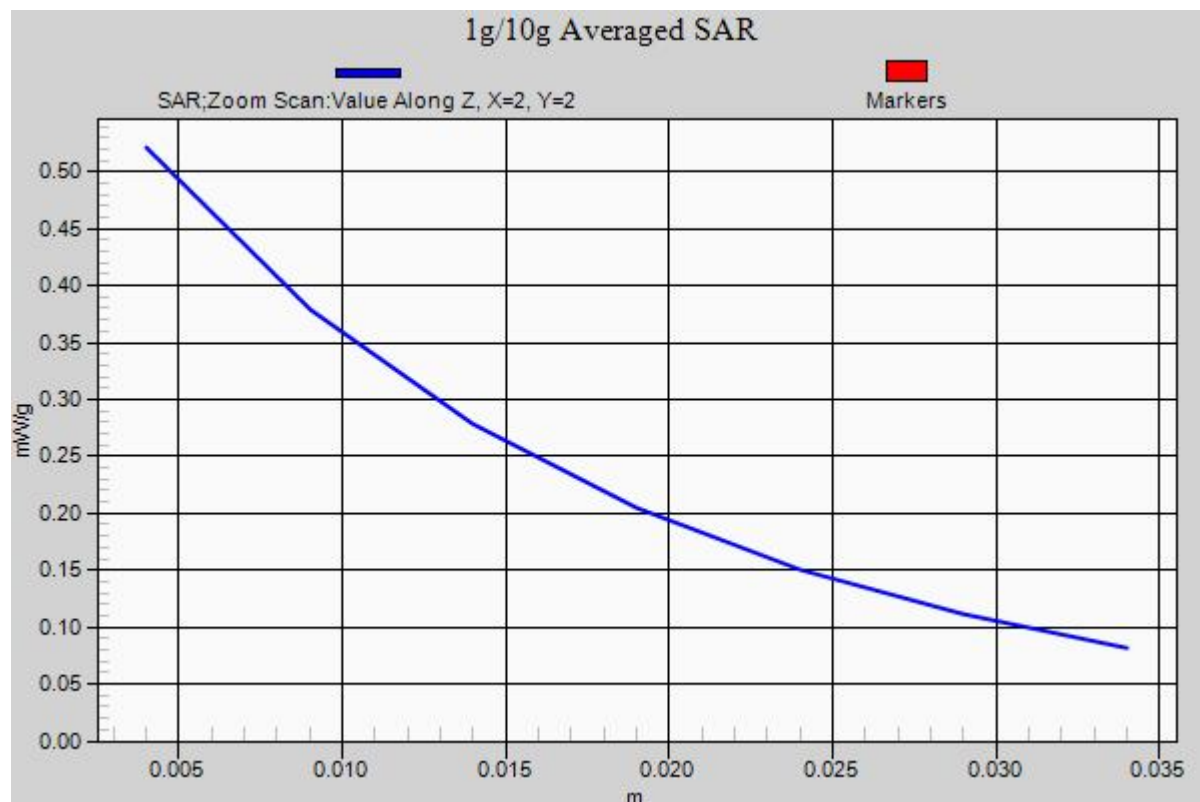
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.899 V/m; Power Drift = -0.0066 dB

Peak SAR (extrapolated) = 0.6840

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.347 mW/g

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



23 WCDMA II_RMC 12.2K_Face_1.5cm_Ch9400**DUT: 1D2801**

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

Medium: MSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.297 mW/g

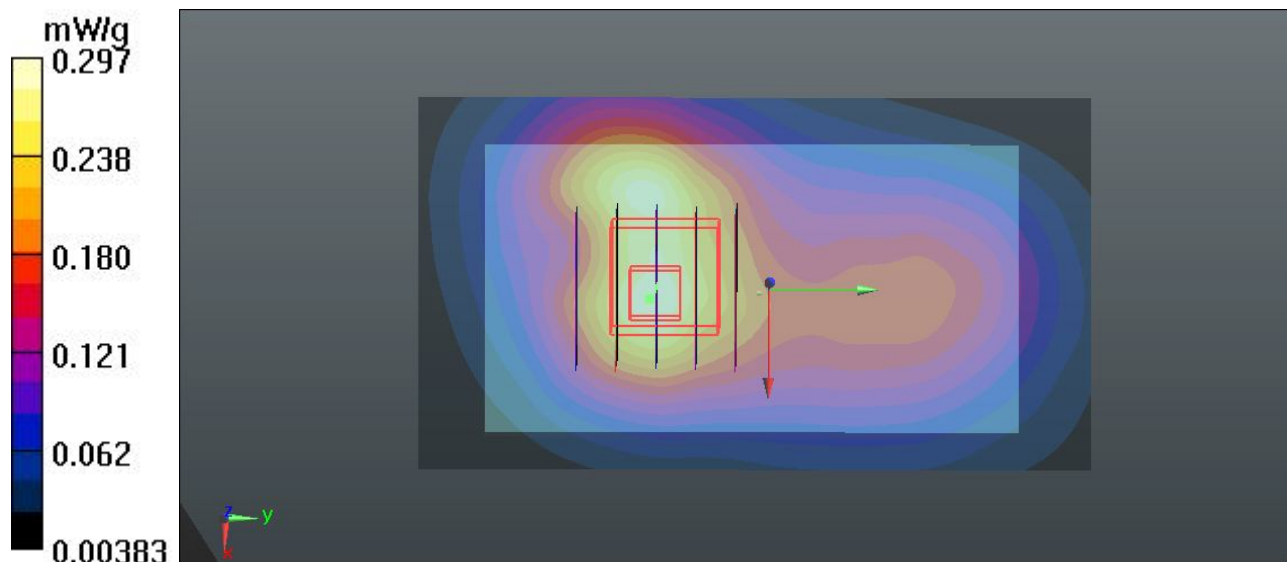
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.077 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.4300

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



23 WCDMA II_RMC 12.2K_Face_1.5cm_Ch9400_2D**DUT: 1D2801**

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

Medium: MSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.297 mW/g

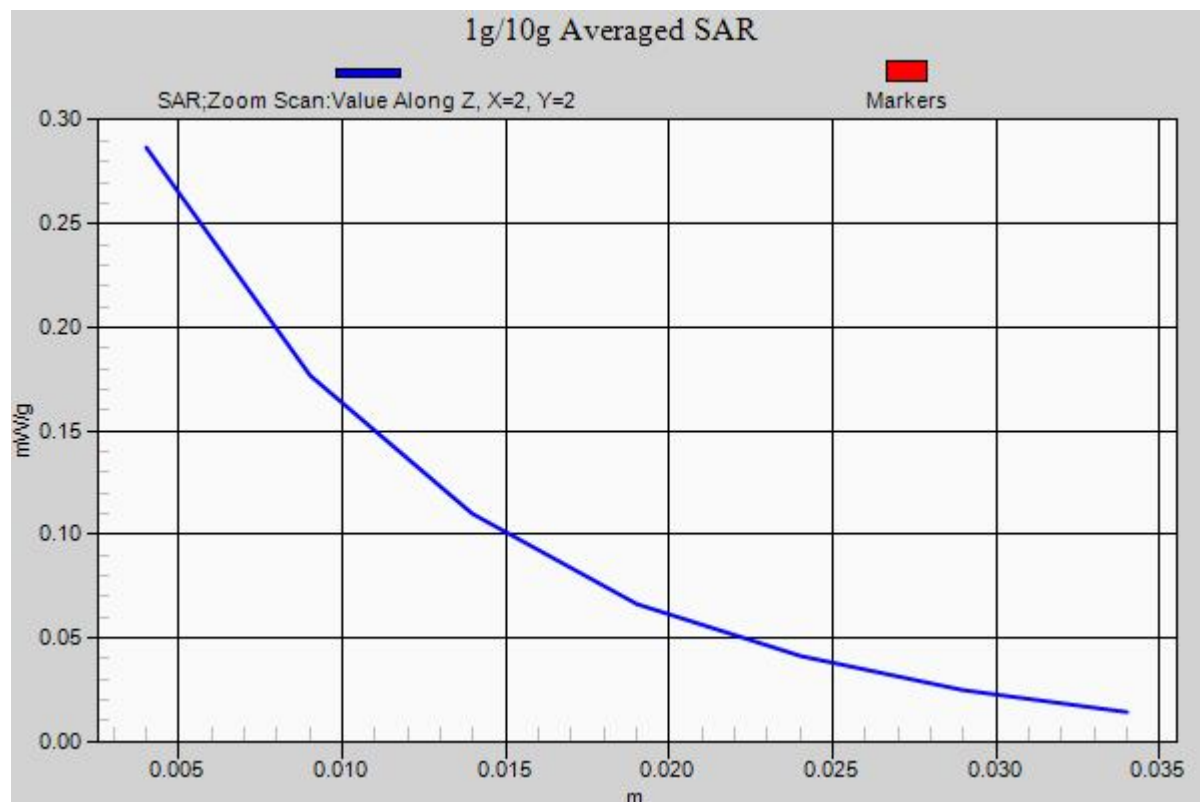
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.077 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.4300

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.287 mW/g



24 WCDMA II_RMC 12.2K_Bottom_1.5cm_Ch9400**DUT: 1D2801**

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

Medium: MSL_1900_120119 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ mho/m; $\epsilon_r = 54.9$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.71, 7.71, 7.71); Calibrated: 16.11.2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 10.11.2011
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

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

Maximum value of SAR (interpolated) = 0.272 mW/g

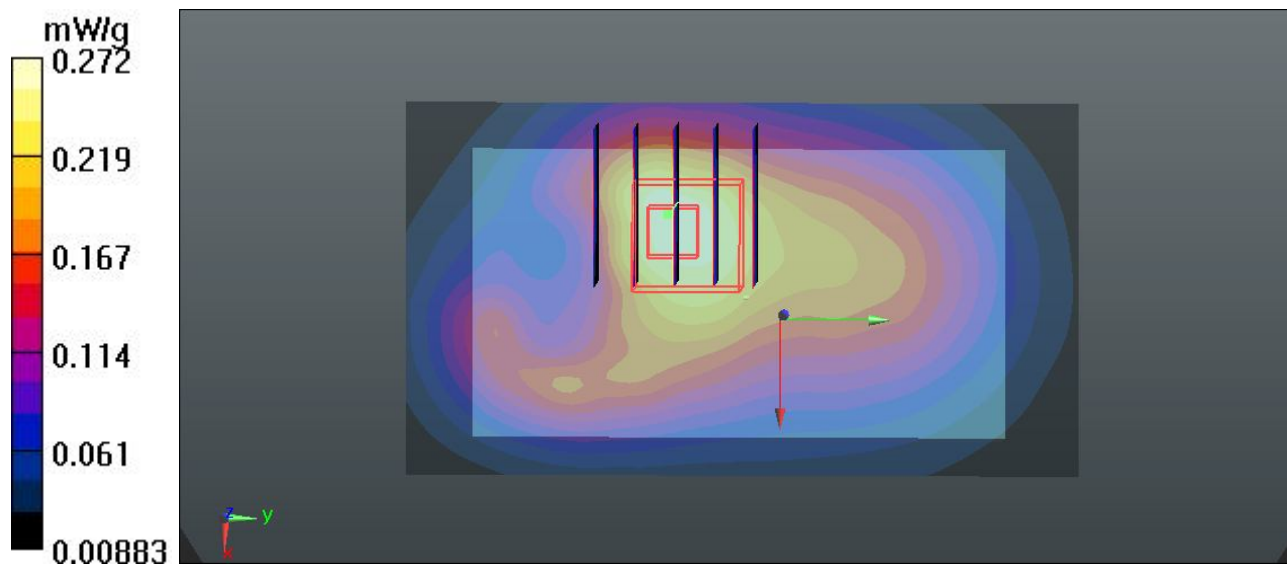
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.685 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.4080

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



39 802.11b_Face_1.5cm_Ch6**DUT: 1D2801**

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

Medium: MSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.013 mW/g

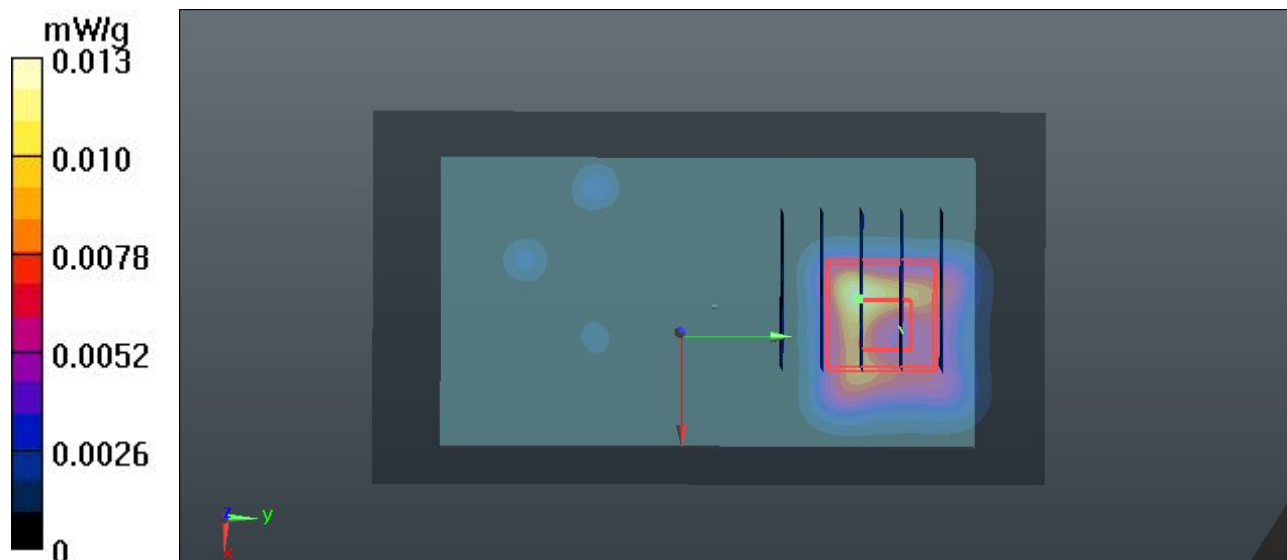
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.632 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0120

SAR(1 g) = 0.00532 mW/g; SAR(10 g) = 0.00234 mW/g

Maximum value of SAR (measured) = 0.00618 mW/g



40 802.11b_Bottom_1.5cm_Ch6**DUT: 1D2801**

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

Medium: MSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

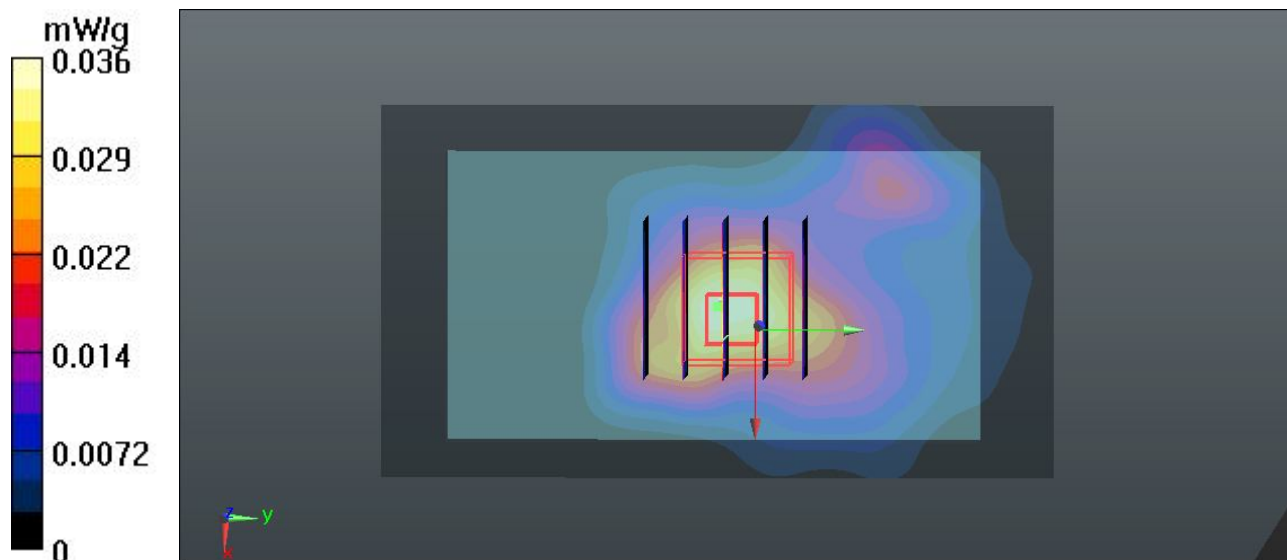
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.923 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0540

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



40 802.11b_Bottom_1.5cm_Ch6_2D**DUT: 1D2801**

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

Medium: MSL_2450_120120 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

54.149; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch6/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

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

Reference Value = 3.923 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0540

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

