



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

173 CDMA2000 BC0_RC3 SO55_Right Cheek_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_120423 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

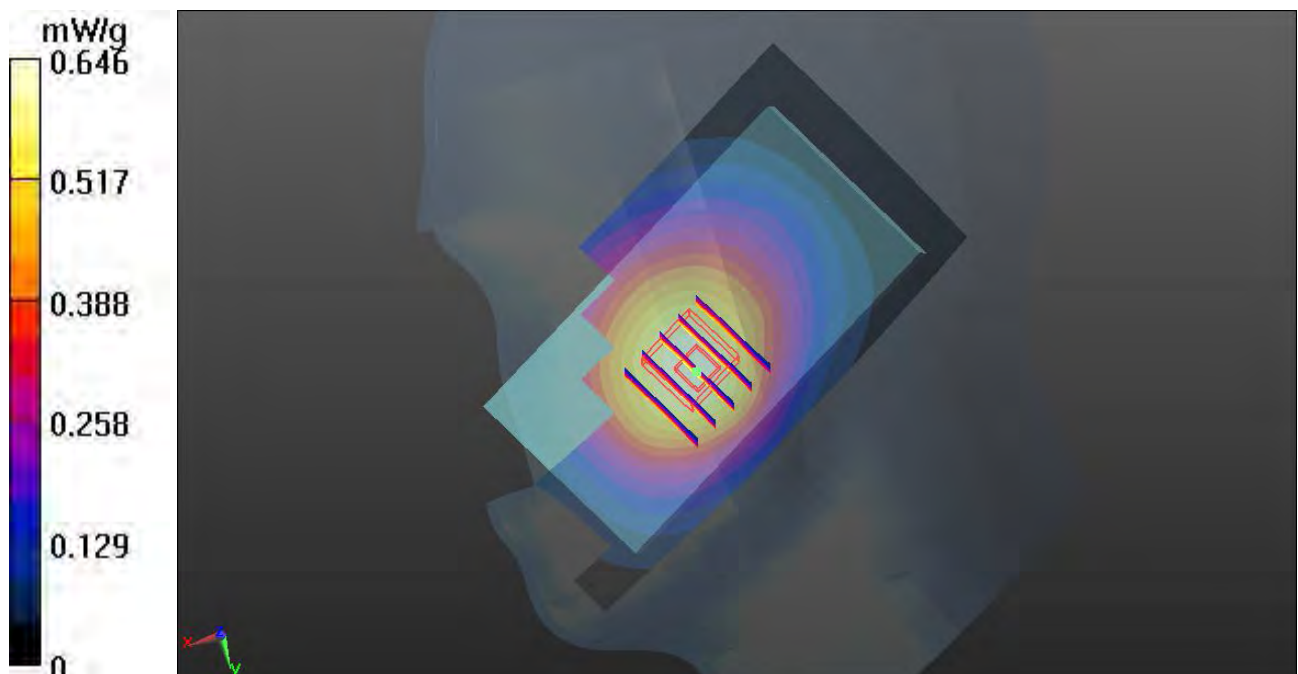
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.600 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.7500

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.484 mW/g

Maximum value of SAR (measured) = 0.654 mW/g



174 CDMA2000 BC0_RC3 SO55_Right Tilted_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_120423 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.409 mW/g

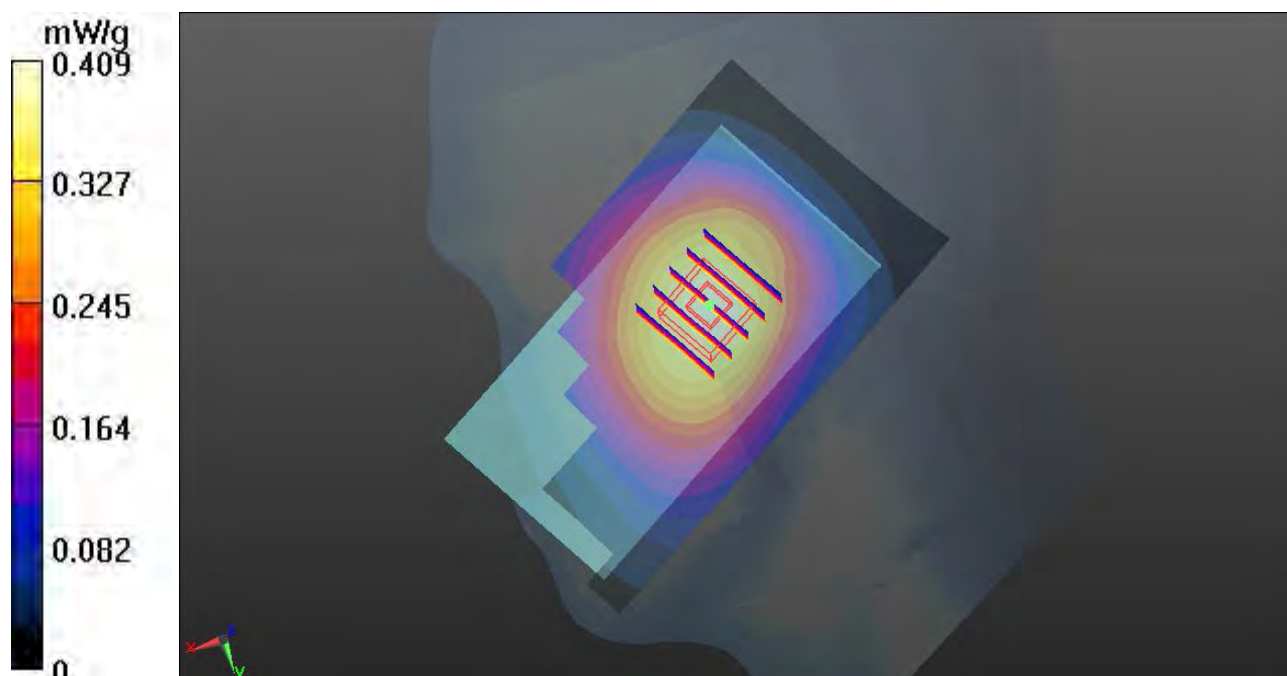
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.470 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.4700

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.401 mW/g



175 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_120423 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.664 mW/g

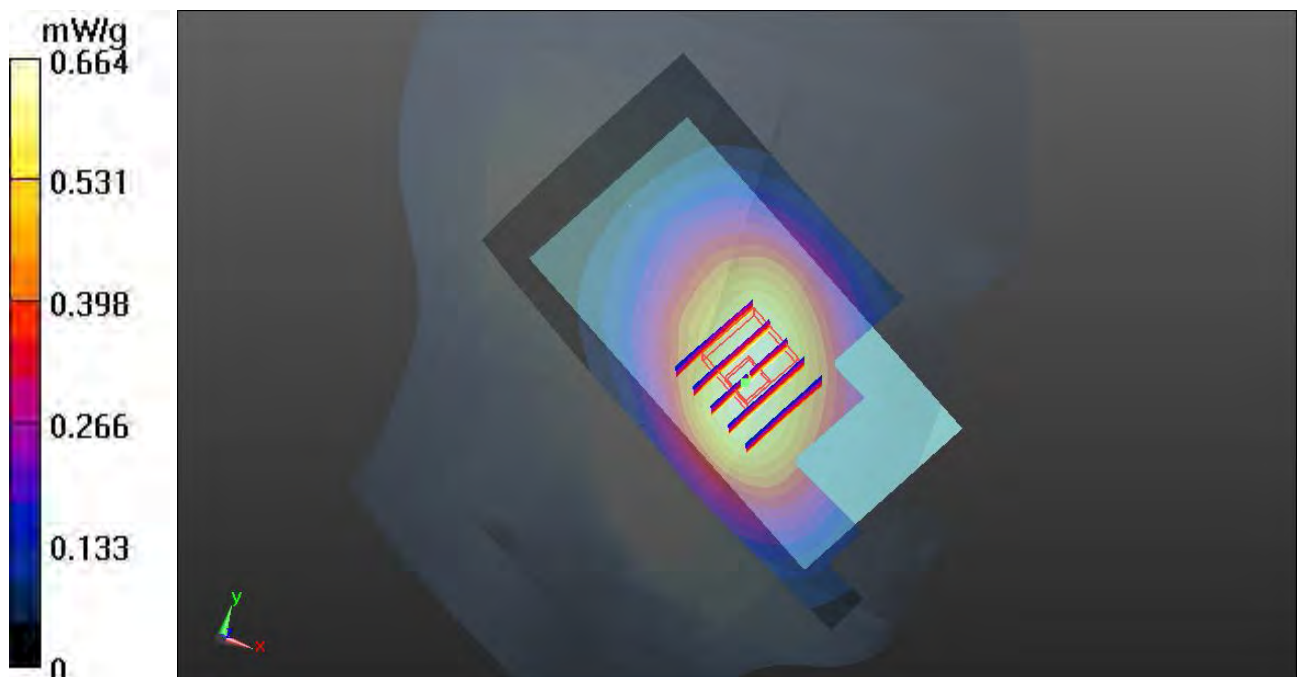
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.391 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.8190

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



175 CDMA2000 BC0_RC3 SO55_Left Cheek_Ch1013_2D**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: HSL_835_120423 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.664 mW/g

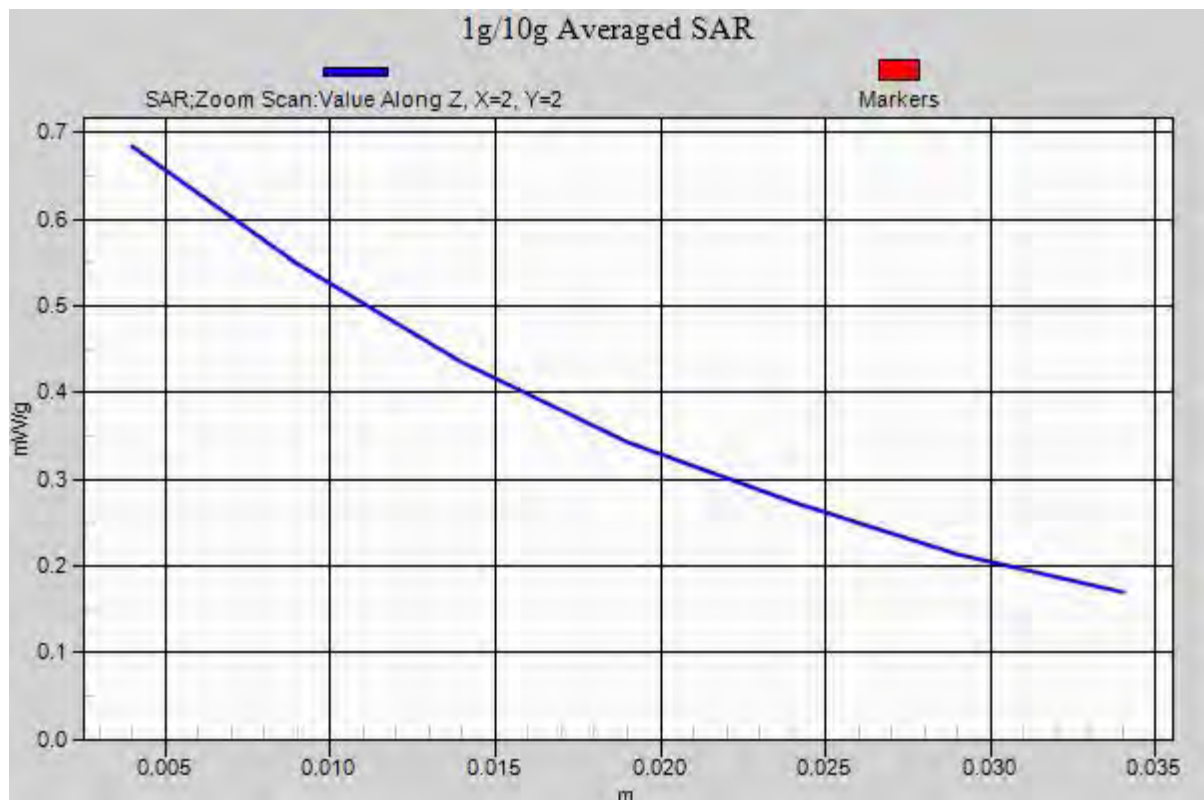
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.391 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.8190

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.499 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



176 CDMA2000 BC0_RC3 SO55_Left Tilted_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_835_120423 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.888$ mho/m; $\epsilon_r = 40.881$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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)

Ch1013/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

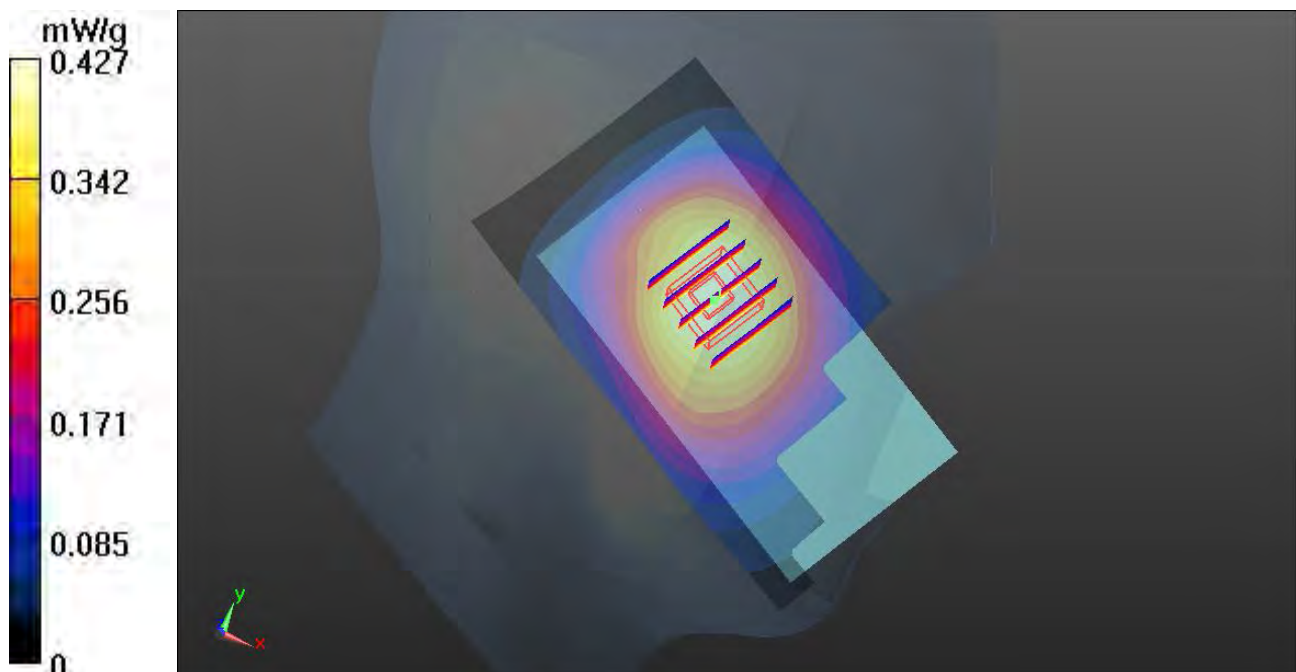
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.638 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.5040

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 0.428 mW/g



167 CDMA2000 BC15_RC3 SO55_Right Cheek_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120423 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.342$ mho/m; $\epsilon_r =$ 41.498; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

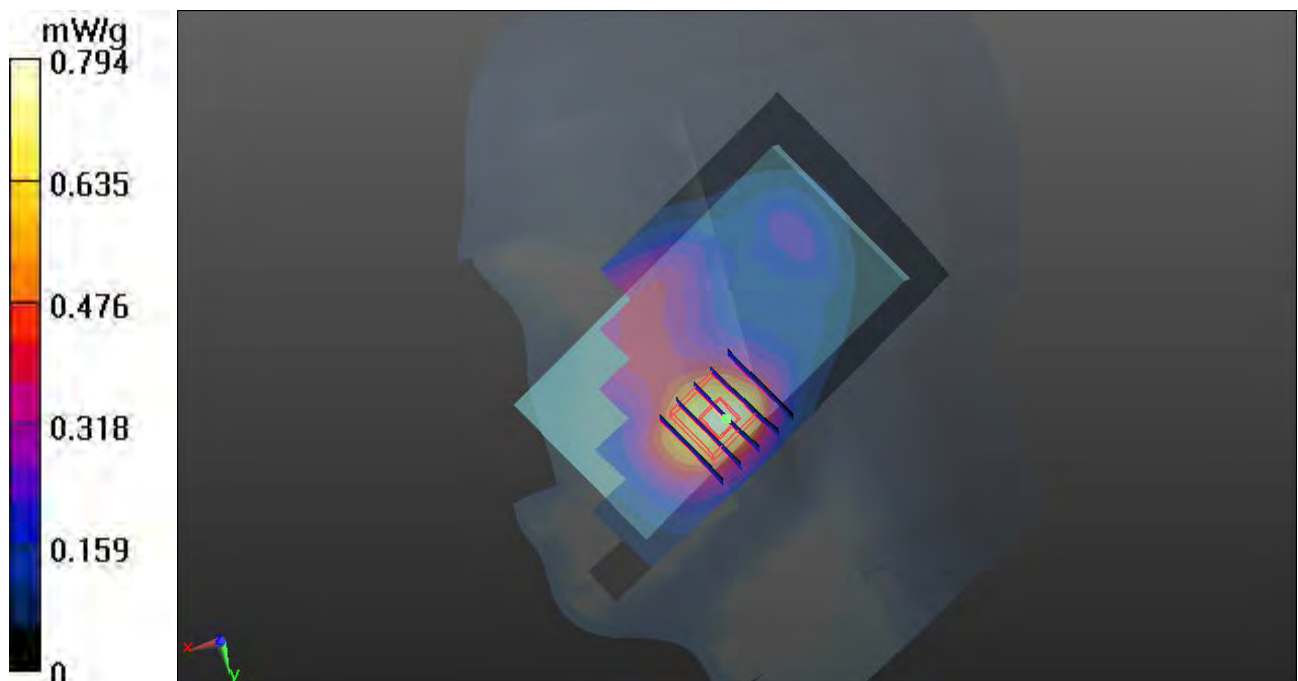
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.926 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.0830

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.446 mW/g

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



168 CDMA2000 BC15_RC3 SO55_Right Tilted_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120423 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.342$ mho/m; $\epsilon_r =$ 41.498 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

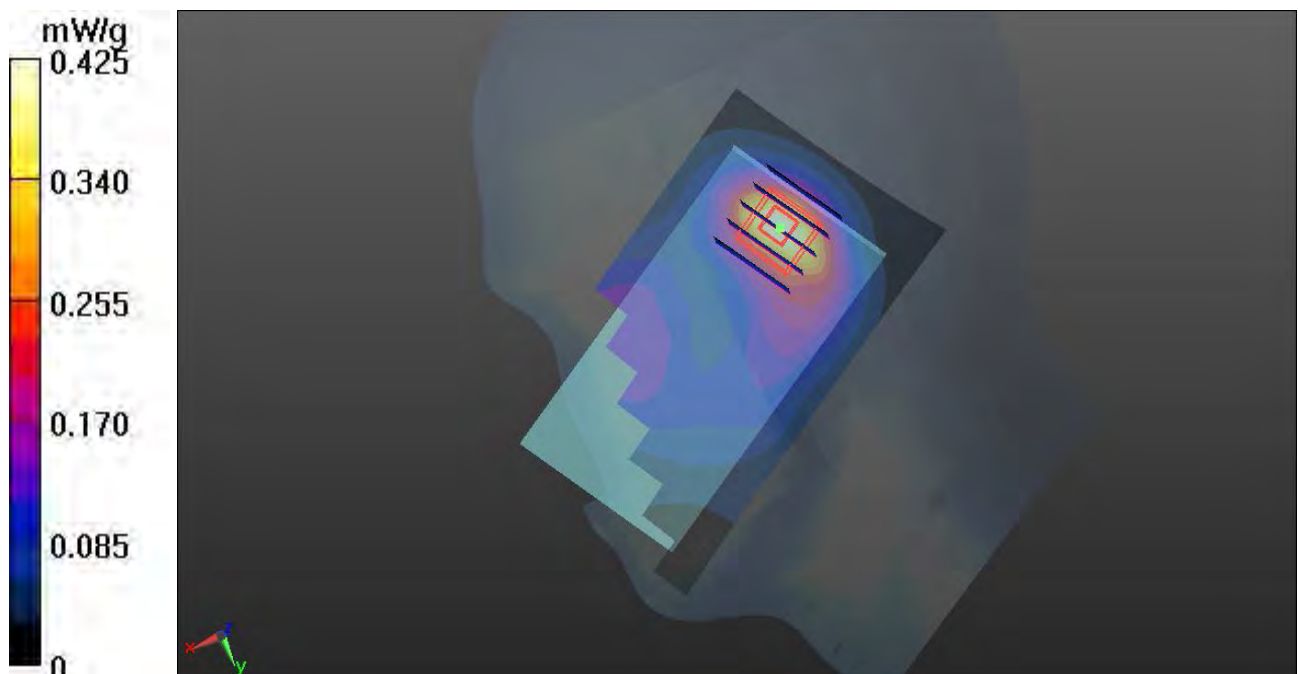
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.024 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6160

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.221 mW/g

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



169 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120423 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.342$ mho/m; $\epsilon_r =$ 41.498; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.130 mW/g

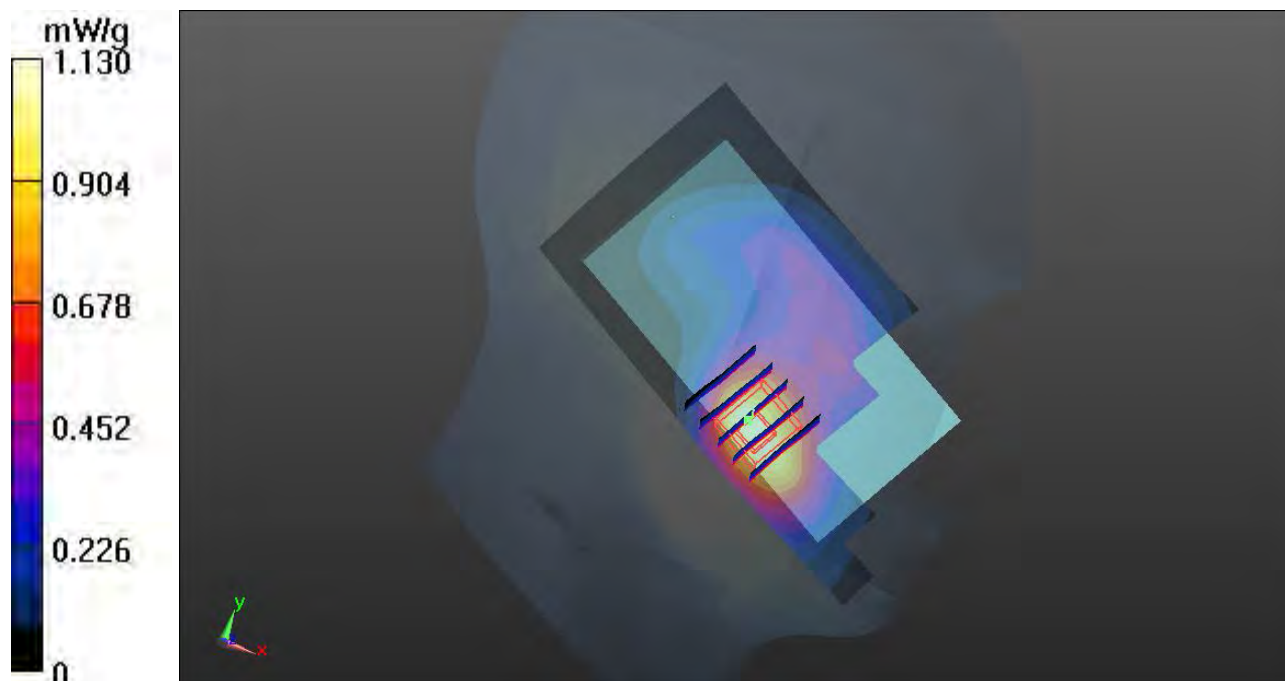
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.867 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.5360

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

Maximum value of SAR (measured) = 1.065 mW/g



170 CDMA2000 BC15_RC3 SO55_Left Tilted_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120423 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.342$ mho/m; $\epsilon_r =$ 41.498 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

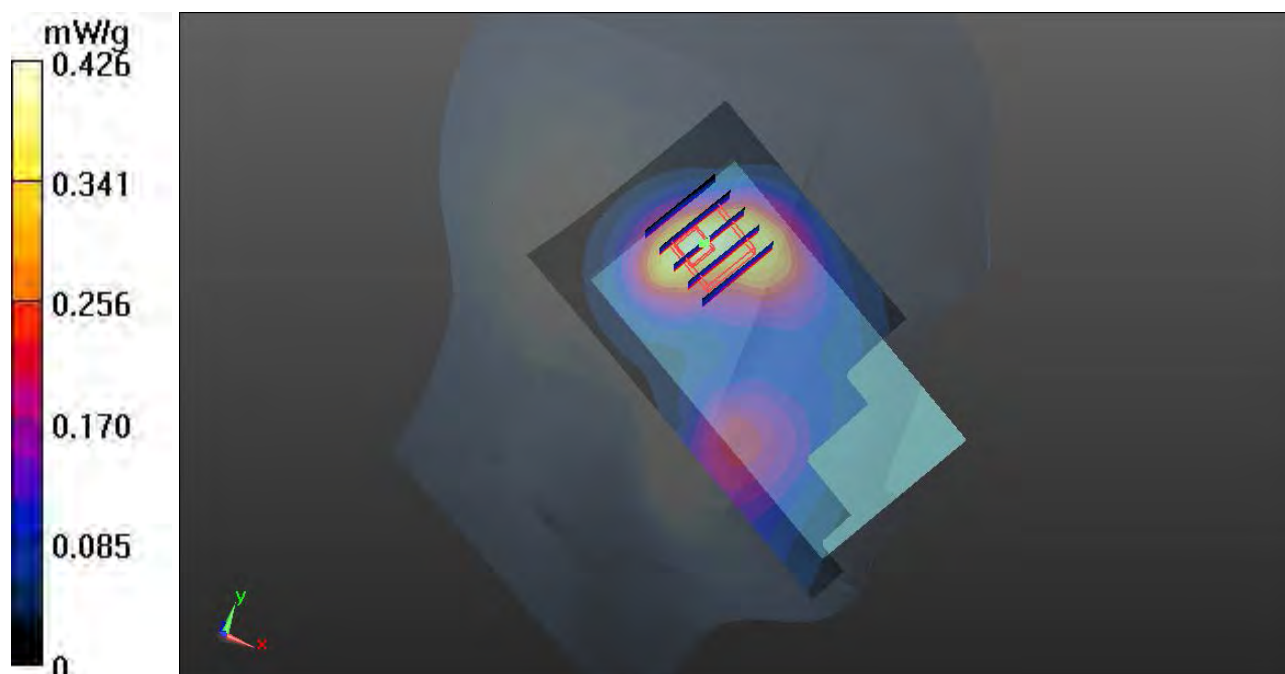
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.216 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.5570

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.379 mW/g



171 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch425**DUT: 230902**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120423 Medium parameters used: $f = 1731.25 \text{ MHz}$; $\sigma = 1.363 \text{ mho/m}$; $\epsilon_r = 41.397$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch425/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.262 mW/g

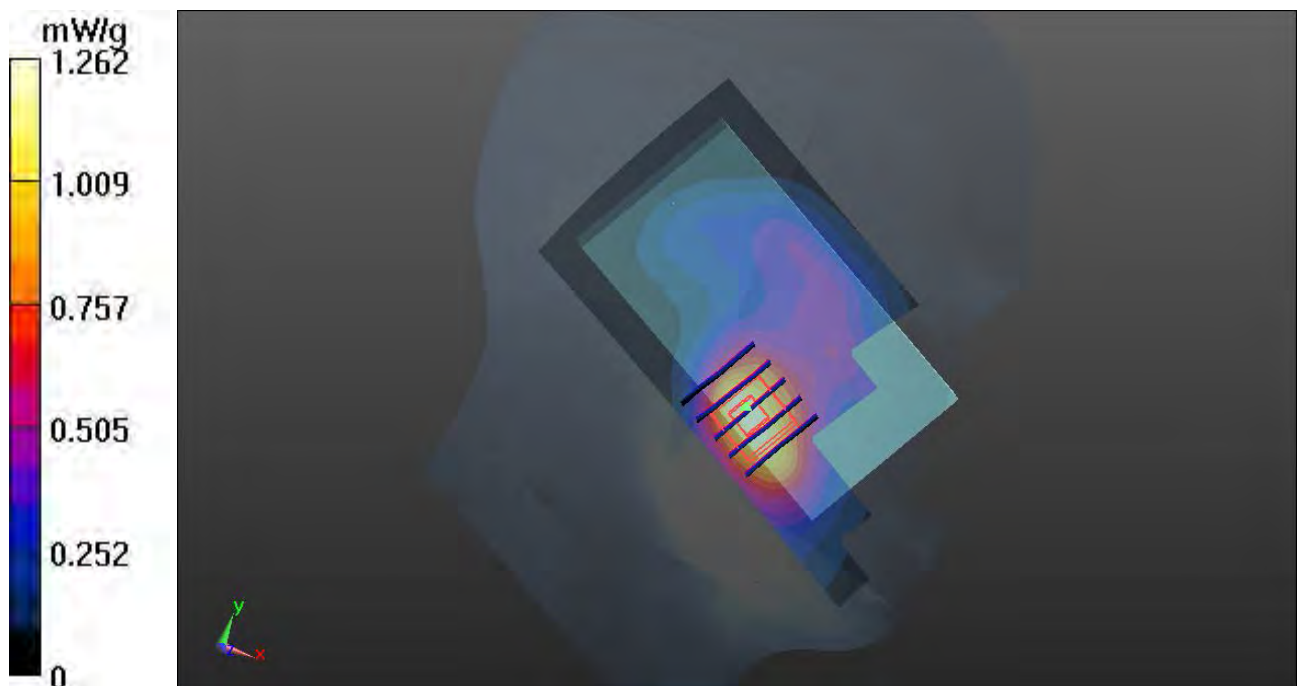
Ch425/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.379 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.7350

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.691 mW/g

Maximum value of SAR (measured) = 1.213 mW/g



172 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch875**DUT: 230902**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120423 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$ 41.281; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch875/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.299 mW/g

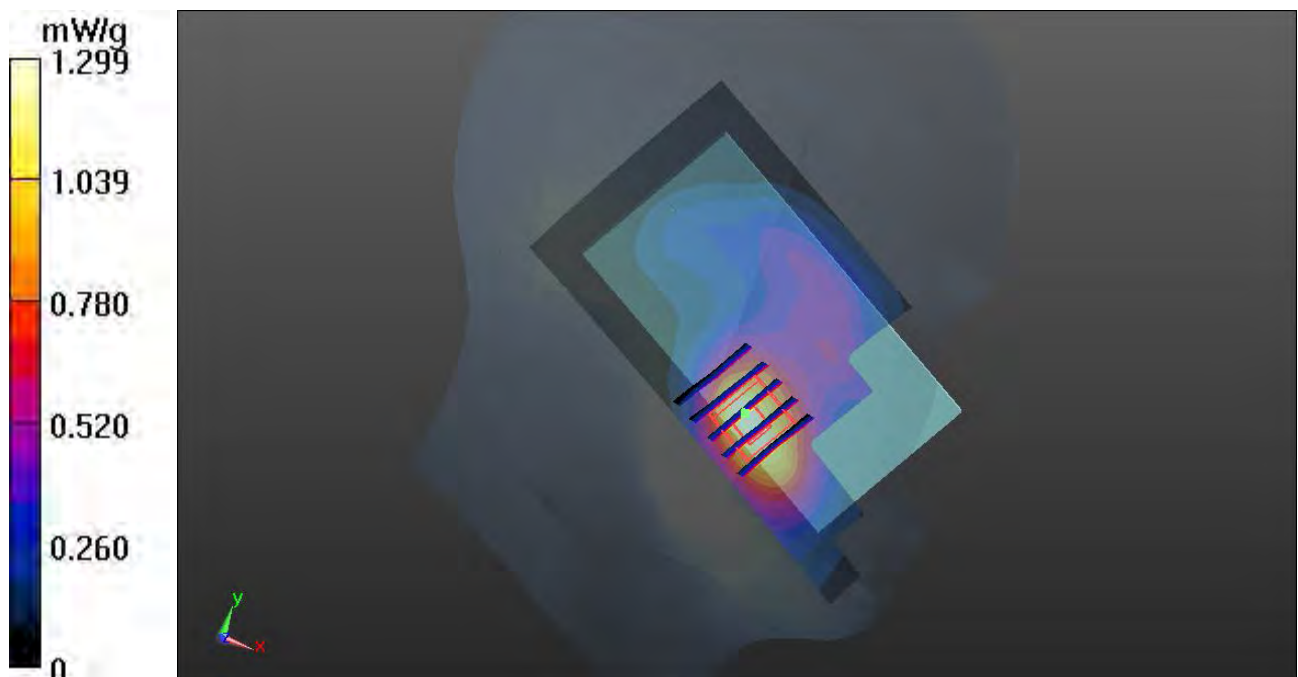
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.507 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.8540

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.719 mW/g

Maximum value of SAR (measured) = 1.260 mW/g



172 CDMA2000 BC15_RC3 SO55_Left Cheek_Ch875_2D**DUT: 230902**

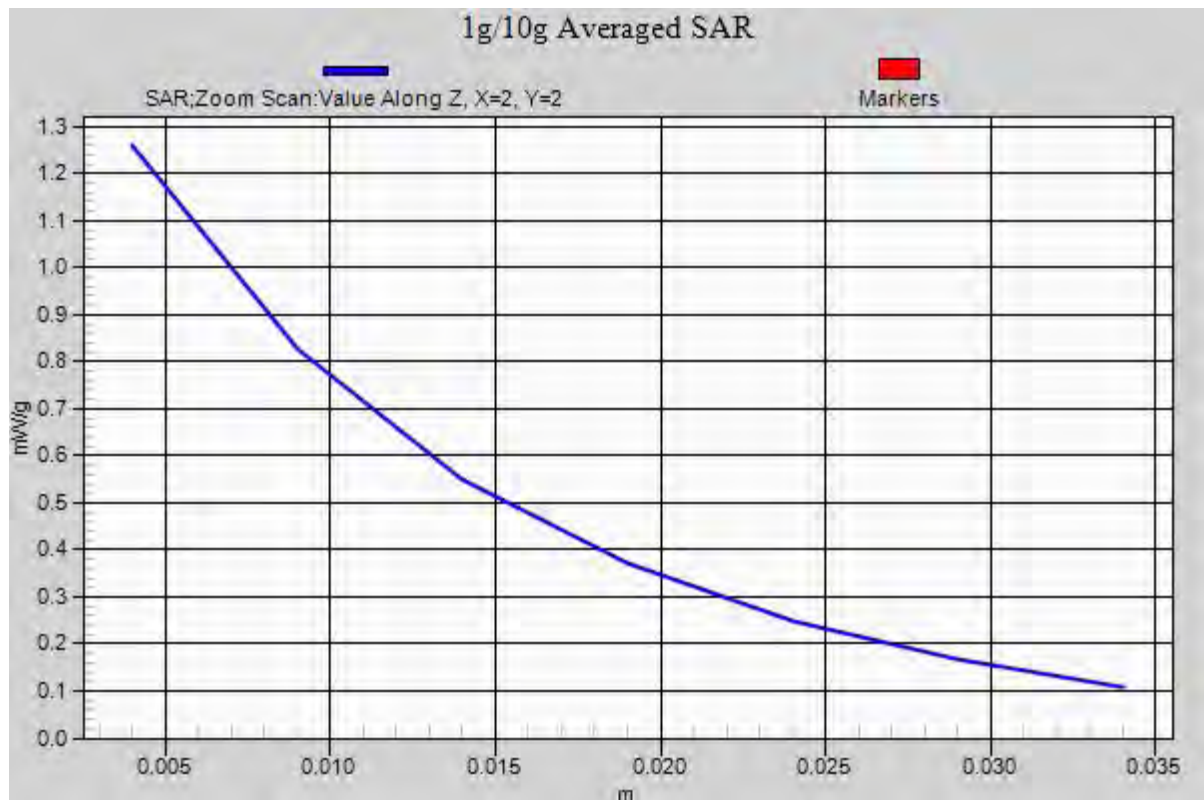
Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: HSL_1800_120423 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r = 41.281$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch875/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.299 mW/g

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.507 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.8540
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.719 mW/g
Maximum value of SAR (measured) = 1.260 mW/g



161 CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$ 39.814 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.689 mW/g

Ch25/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.557 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.9070

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.639 mW/g

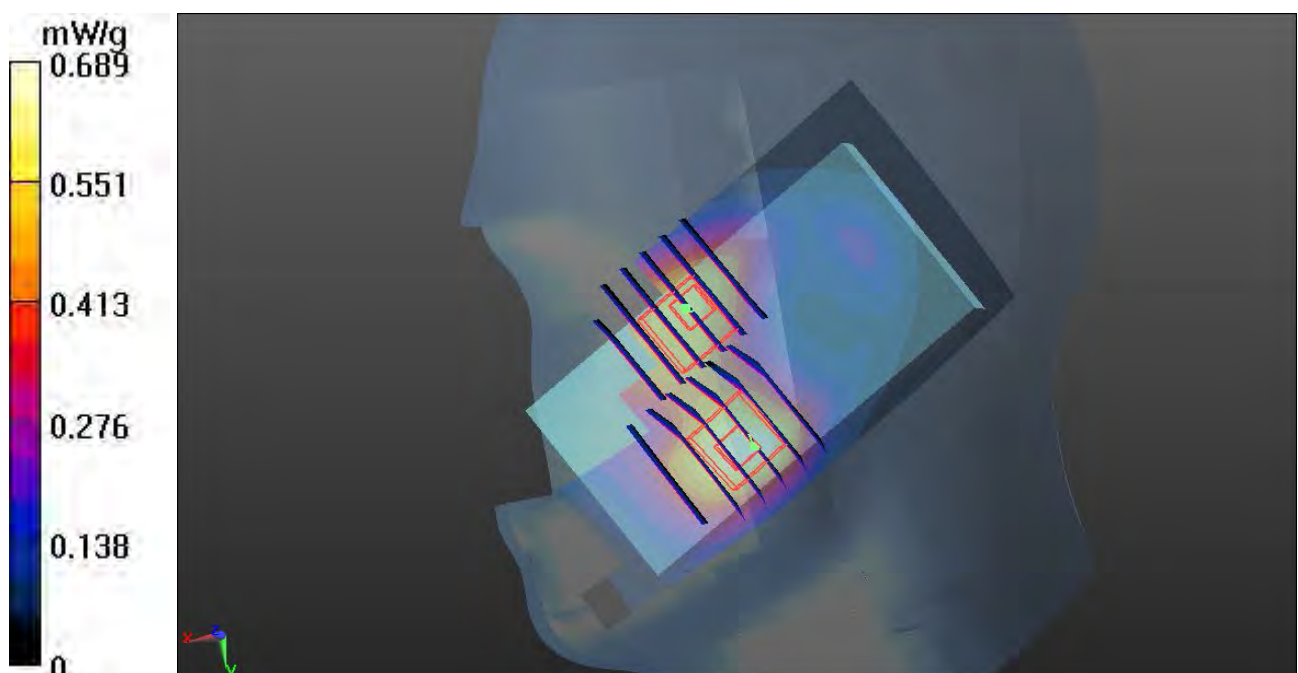
Ch25/Zoom Scan (6x6x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.557 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.8570

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



162 CDMA2000 BC1_RC3 SO55_Right Tilted_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$ 39.814 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.399 mW/g

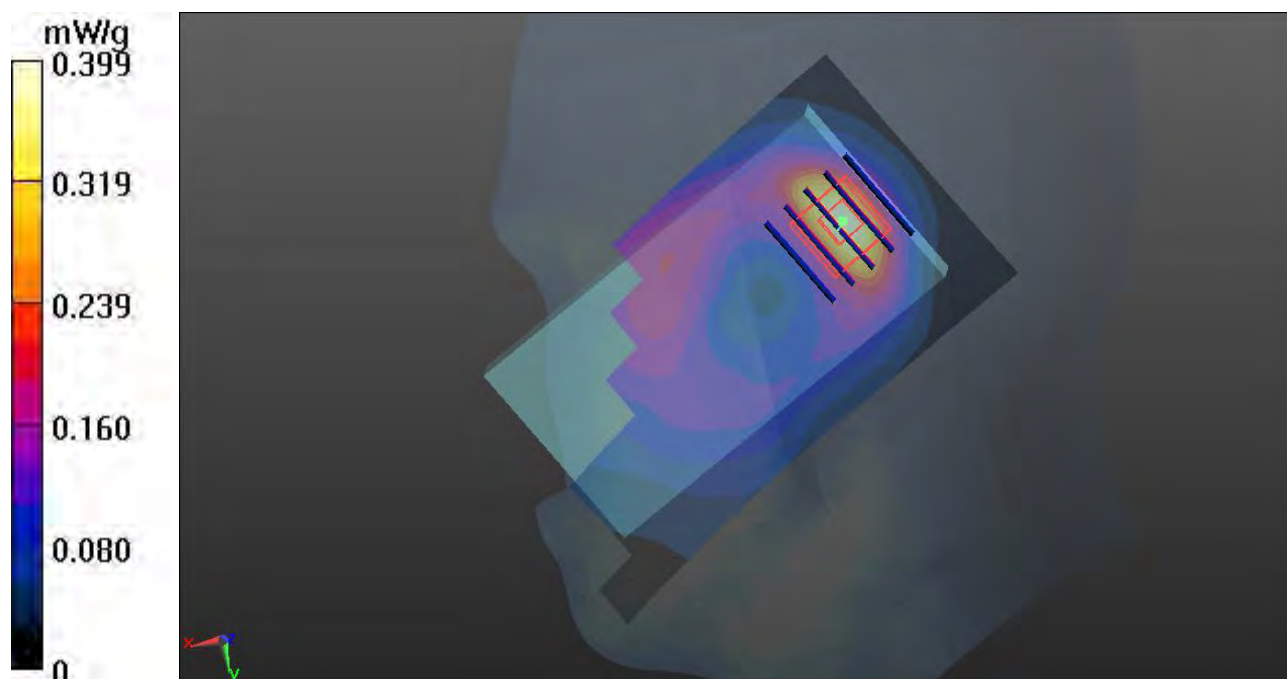
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.647 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.5880

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.386 mW/g



163 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$ 39.814 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.476 mW/g

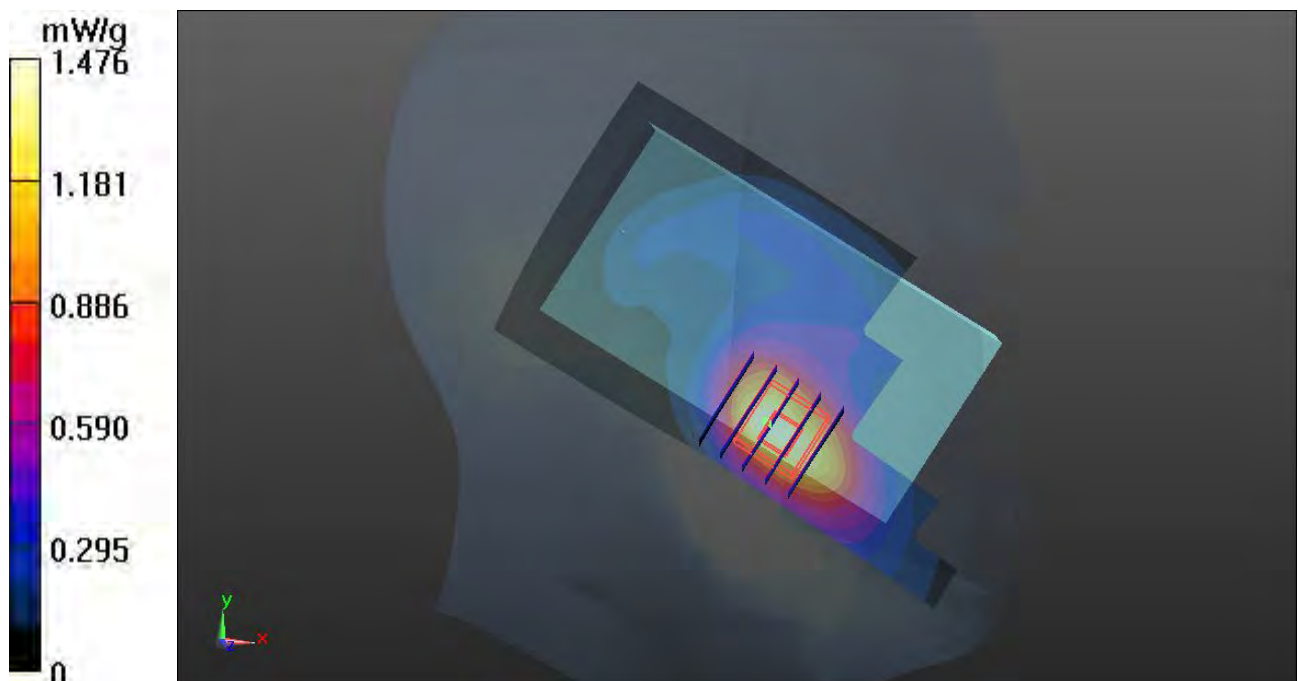
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.549 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.0320

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.790 mW/g

Maximum value of SAR (measured) = 1.377 mW/g



163 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25_2D**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$ 39.814 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.476 mW/g

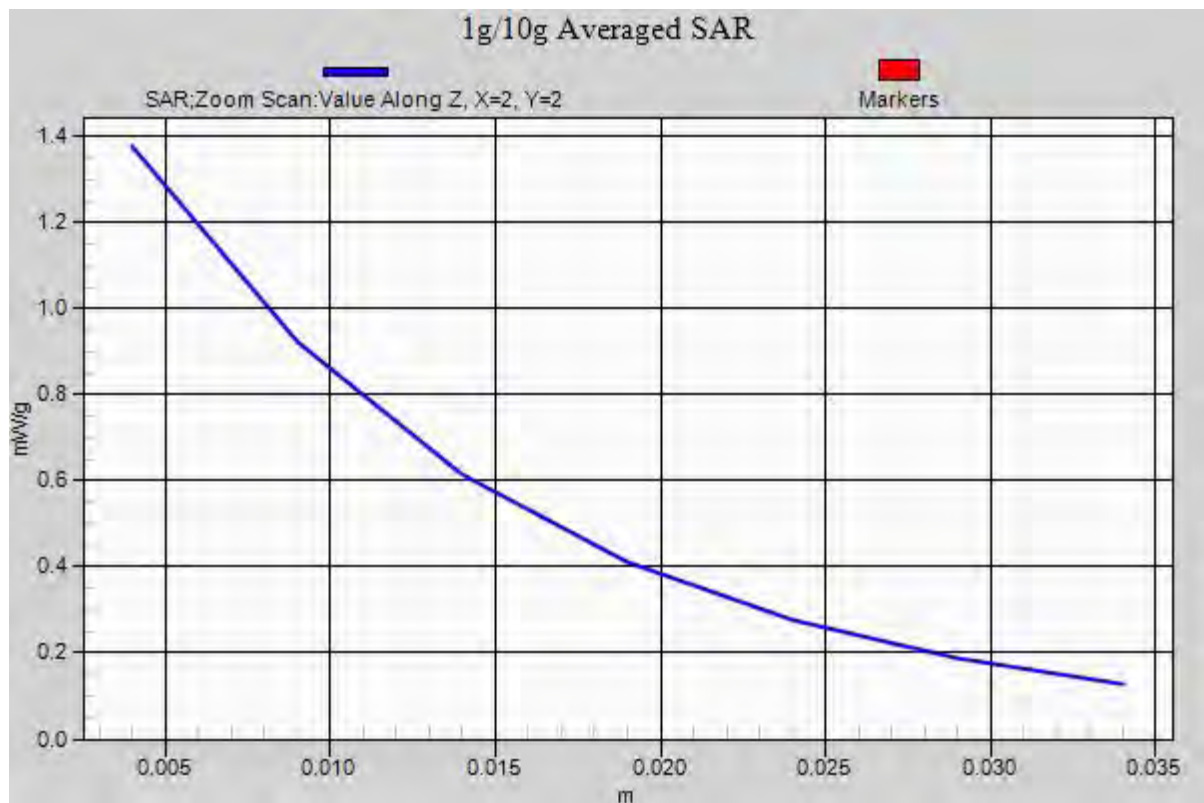
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.549 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.0320

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.790 mW/g

Maximum value of SAR (measured) = 1.377 mW/g



164 CDMA2000 BC1_RC3 SO55_Left Tilted_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.361$ mho/m; $\epsilon_r =$ 39.814 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.479 mW/g

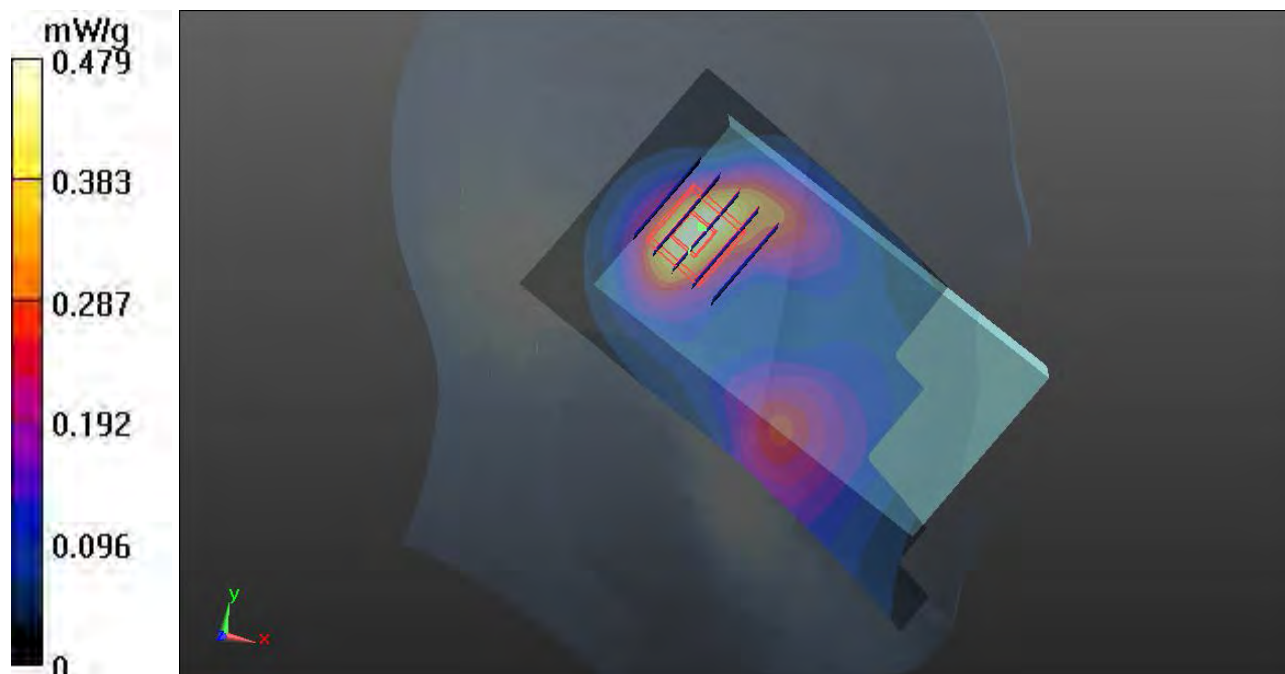
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.035 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.6890

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.452 mW/g



165 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch600**DUT: 230902**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.388$ mho/m; $\epsilon_r =$ 39.717; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch600/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

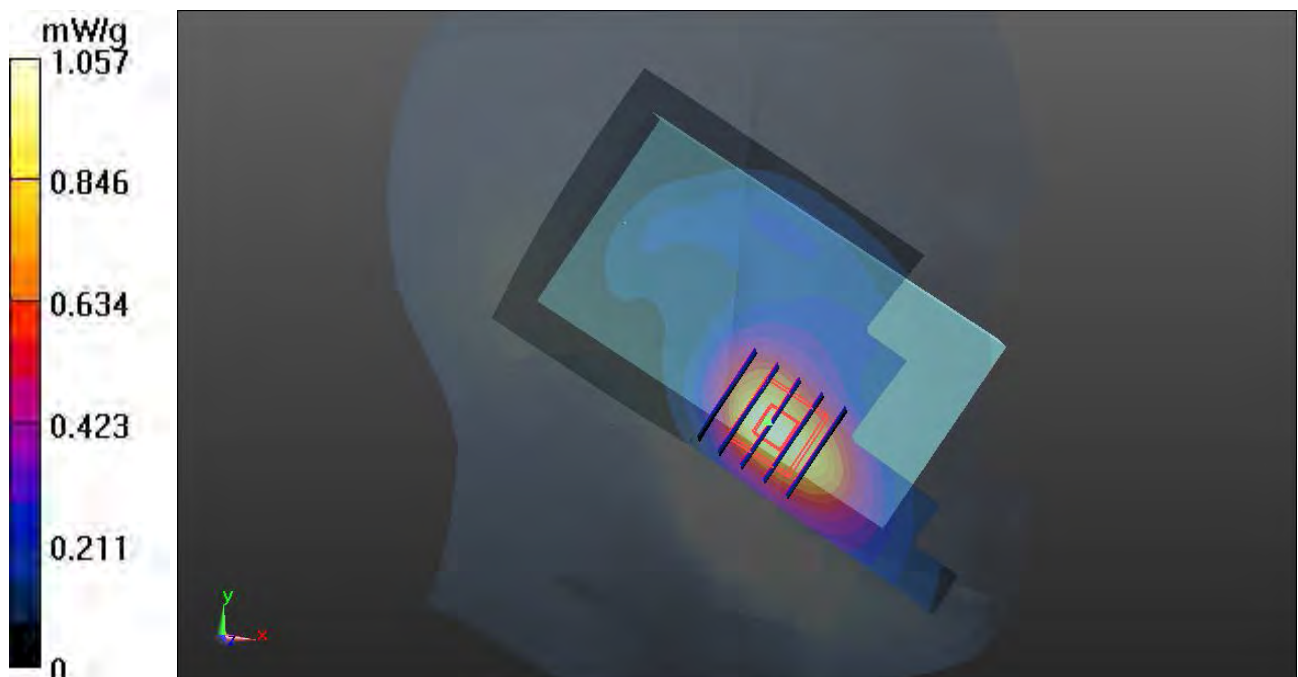
Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.353 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.4620

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 0.993 mW/g



166 CDMA2000 BC1_RC3 SO55_Left Cheek_Ch1175**DUT: 230902**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120423 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.415$ mho/m; $\epsilon_r =$ 39.609; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.986 mW/g

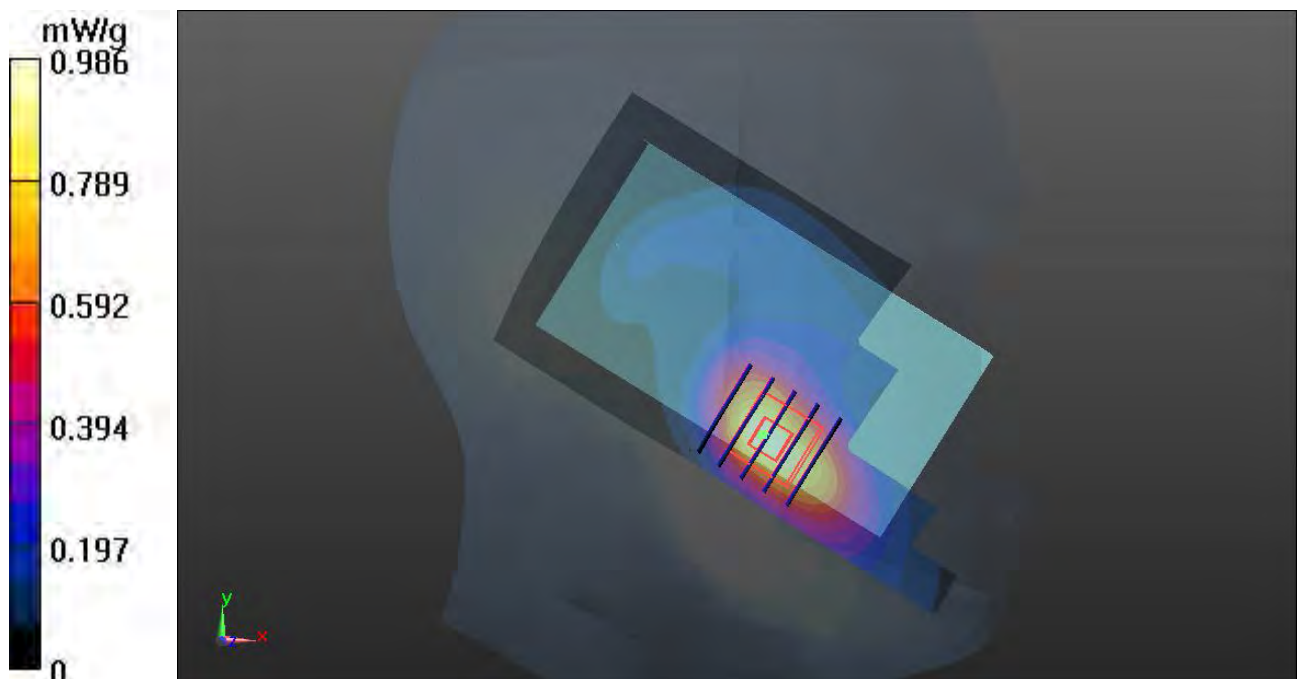
Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.093 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.4460

SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 0.983 mW/g



31 LTE Band IV QPSK_RB 25 13_Right Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.054 mW/g

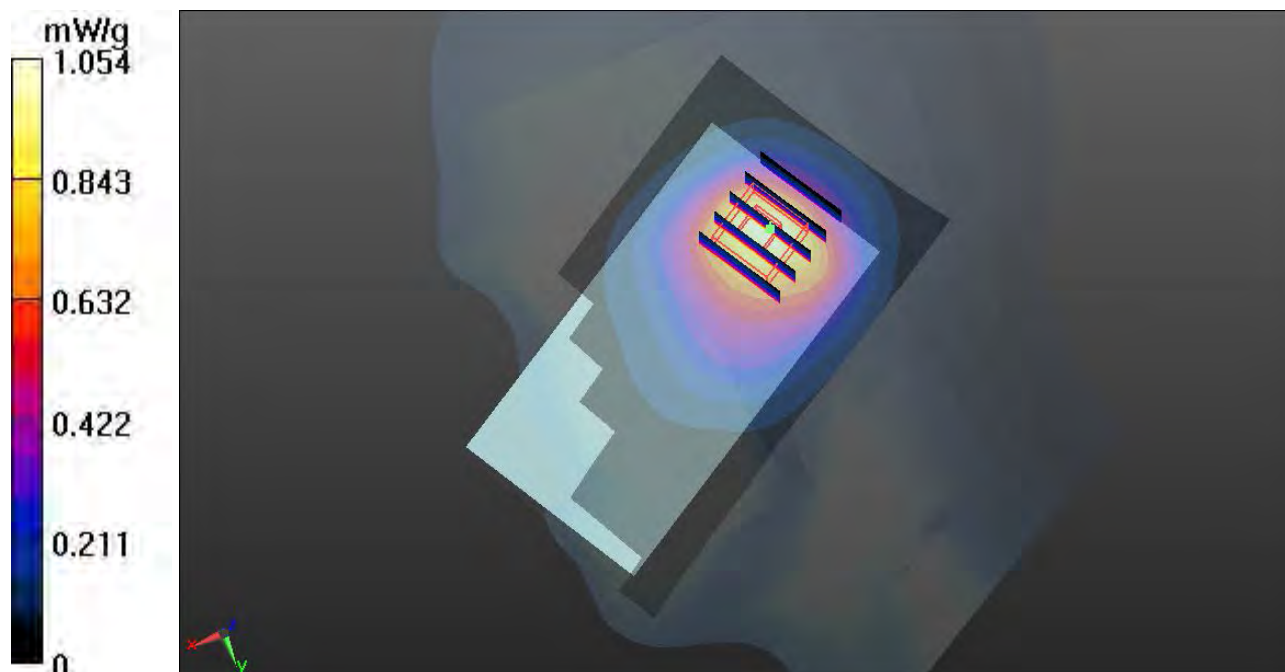
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.834 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.4390

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.564 mW/g

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



32 LTE Band IV QPSK_RB 25 13_Right Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

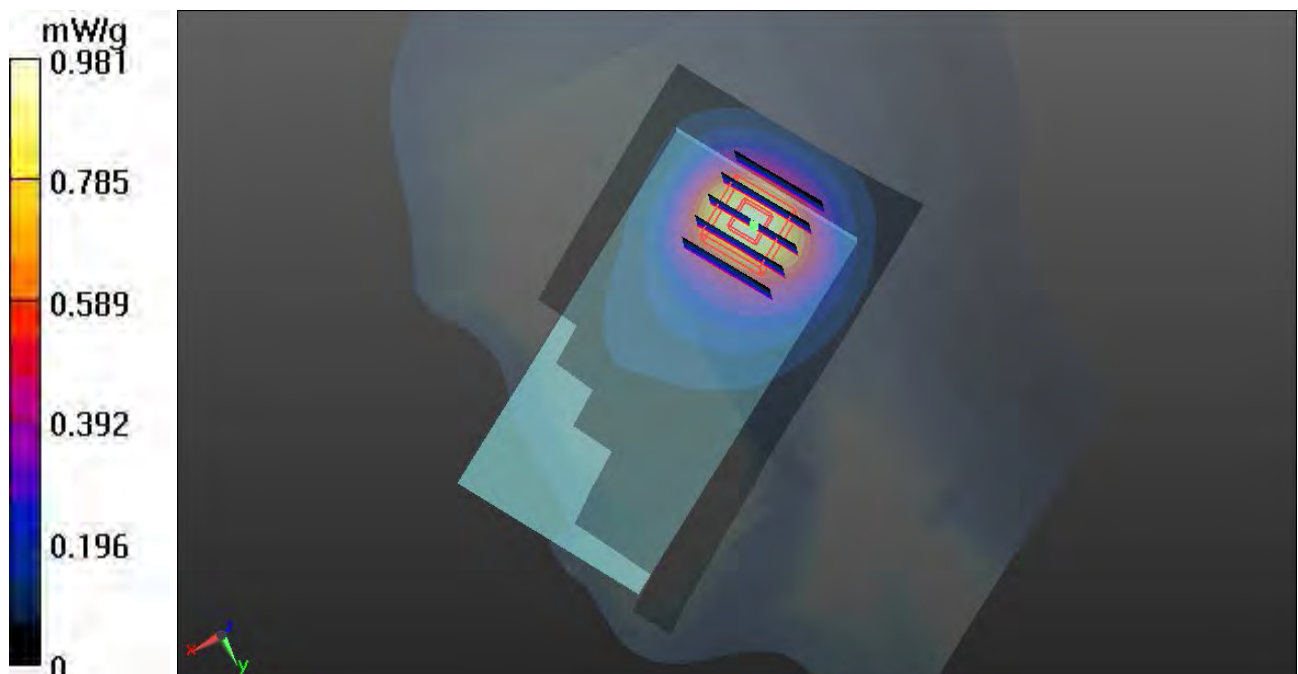
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.388 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4470

SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.532 mW/g

Maximum value of SAR (measured) = 0.964 mW/g



33 LTE Band IV QPSK_RB 25 13_Left Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.305 mW/g

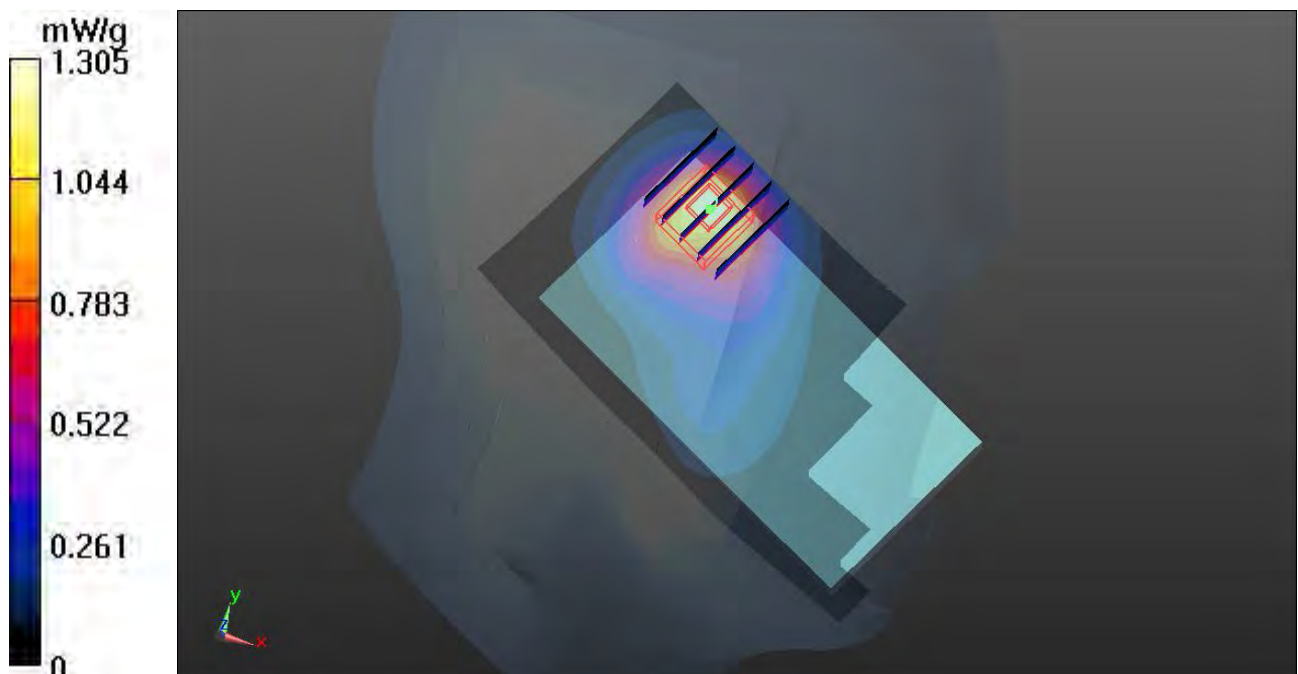
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.723 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.9690

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.189 mW/g



33 LTE Band IV QPSK_RB 25 13_Left Cheek_Ch20175_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.305 mW/g

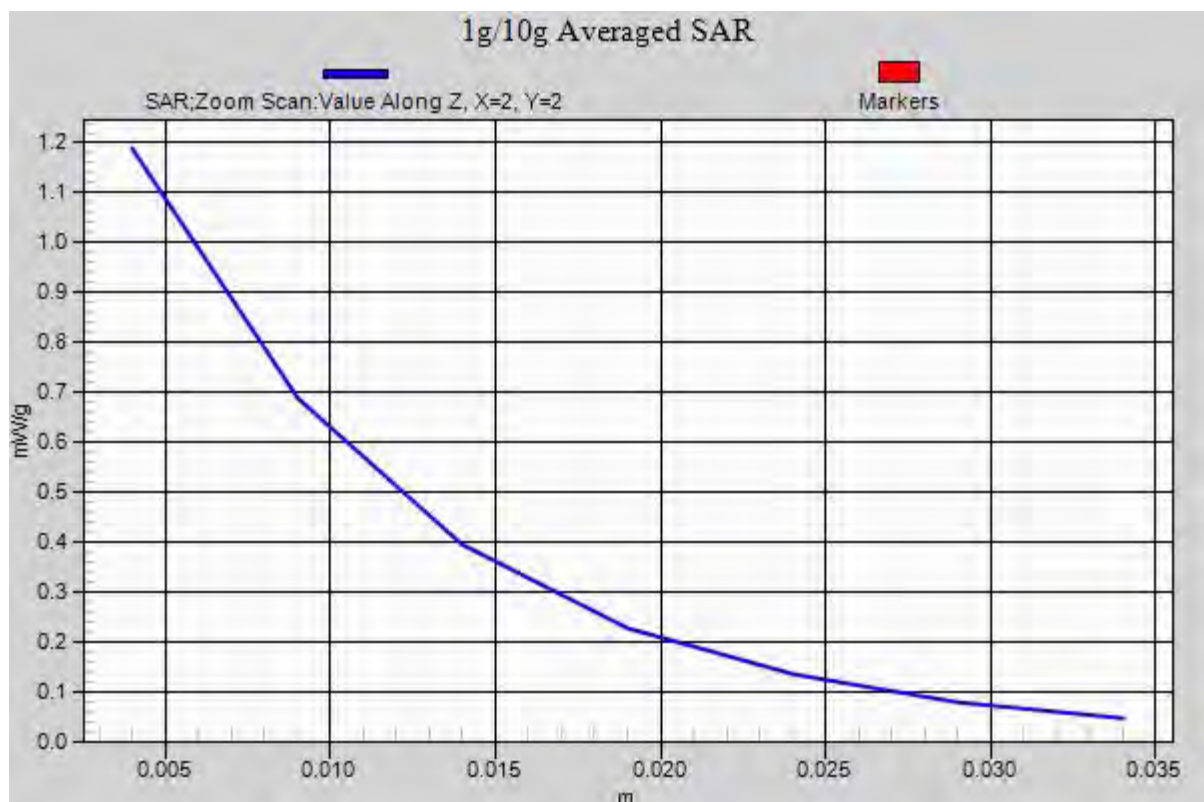
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.723 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.9690

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.189 mW/g



34 LTE Band IV QPSK_RB 25 13_Left Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$

41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

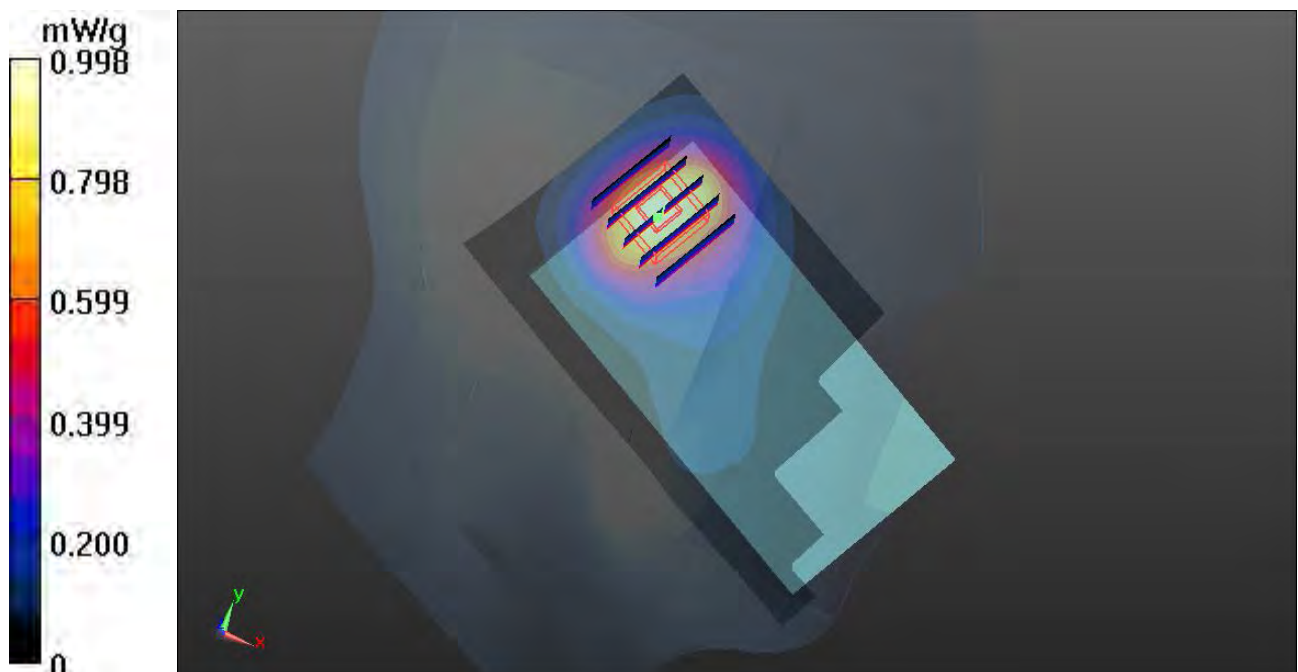
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.825 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.4810

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.974 mW/g



35 LTE Band IV QPSK_RB 25 13_Right Cheek_Ch20000**DUT: 230902**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.339$ mho/m; $\epsilon_r =$ 41.533; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20000/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.963 mW/g

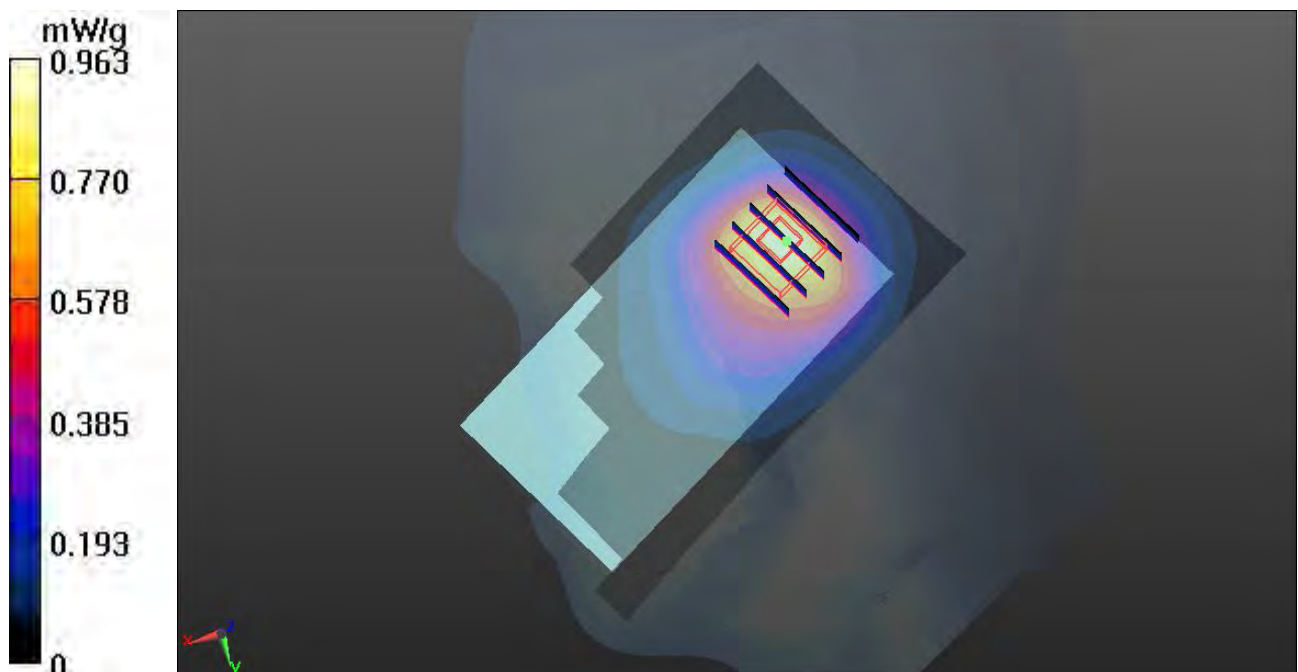
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.210 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.3290

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.525 mW/g

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



36 LTE Band IV QPSK_RB 25 13_Right Cheek_Ch20350**DUT: 230902**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ mho/m; $\epsilon_r =$ 41.359; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.975 mW/g

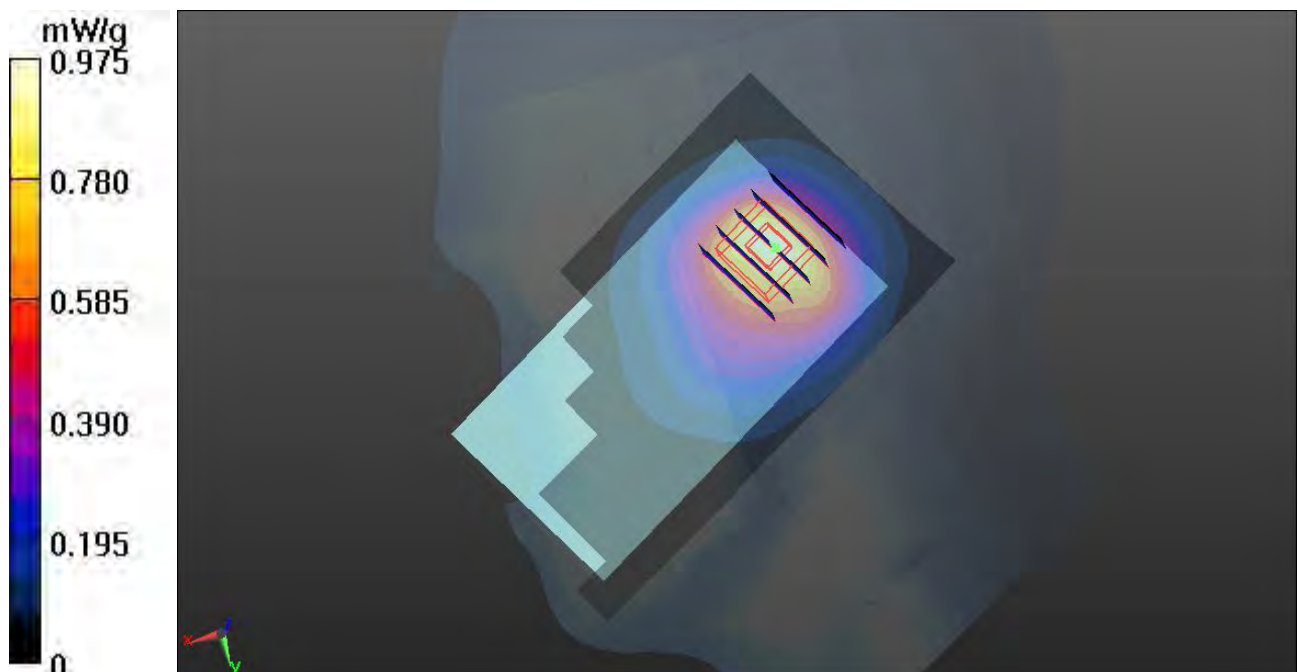
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.236 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.3420

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.519 mW/g

Maximum value of SAR (measured) = 0.921 mW/g



239 LTE Band IV _QPSK(25 13)_Right Tited_10M_Ch20000

DUT: 230902

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.339$ mho/m; $\epsilon_r =$

41.533; $\rho = 1000$ kg/m³

Ambient Temperature : 23 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20000/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.862 mW/g

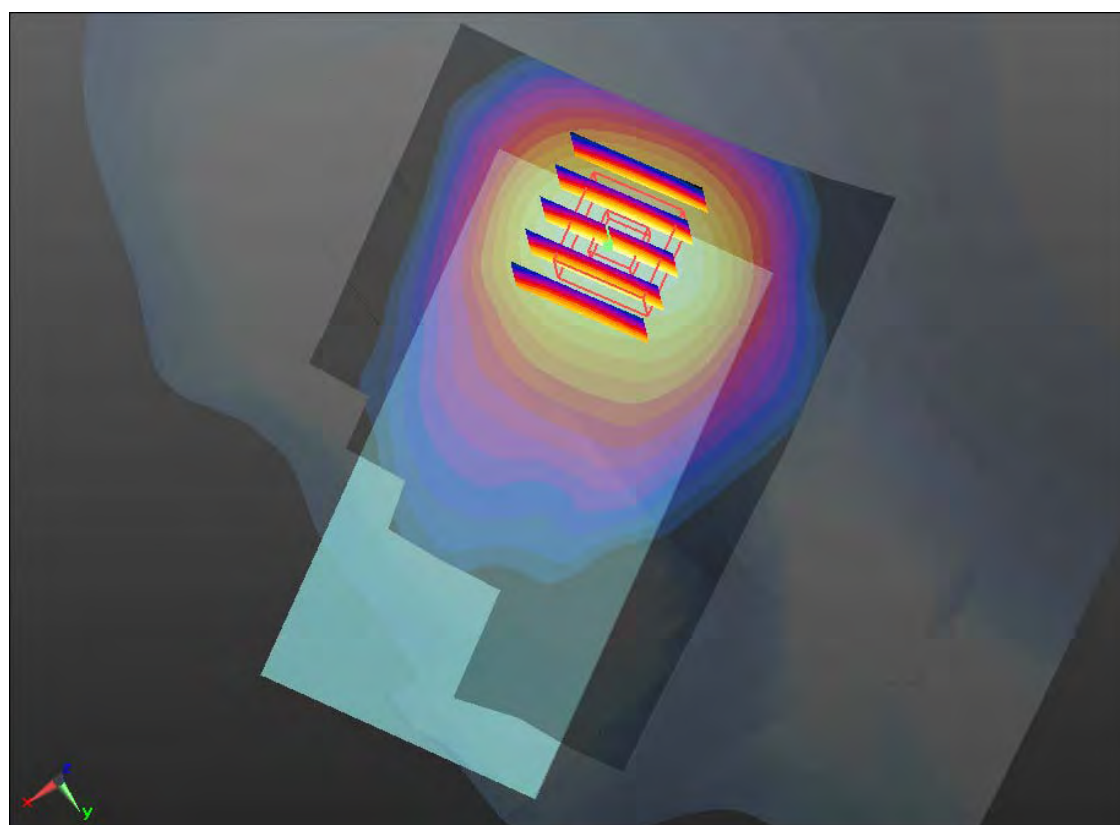
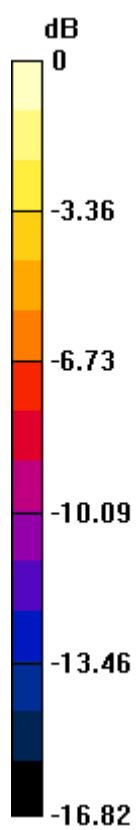
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.925 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.166 W/kg

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 0.817 mW/g



0 dB = 0.820mW/g

240 LTE Band IV _QPSK(25 13)_Right Tited_10M_Ch20350

DUT: 230902

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ mho/m; $\epsilon_r =$

41.359; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); 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)

Ch20350/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.877 mW/g

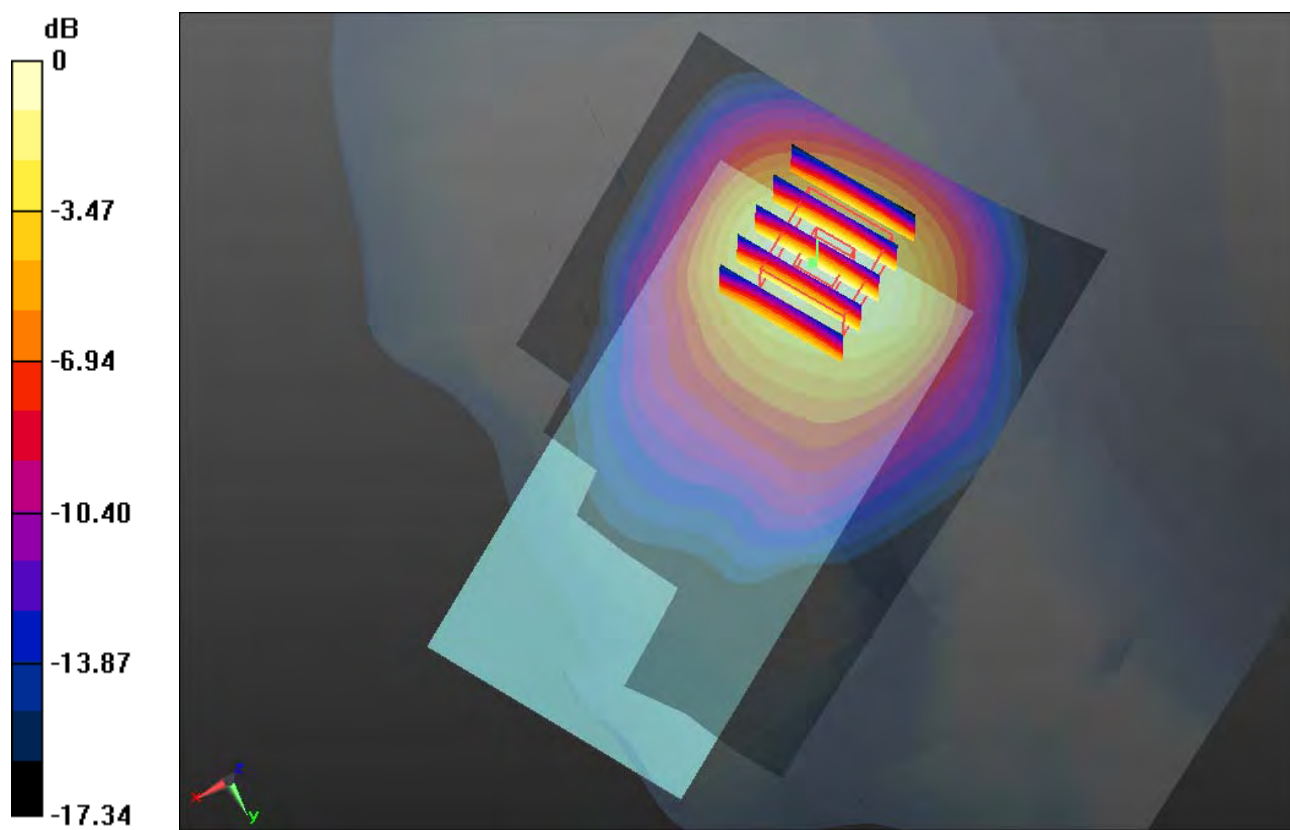
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.901 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.230 W/kg

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.860mW/g

37 LTE Band IV QPSK_RB 25 13_Left Cheek_Ch20000**DUT: 230902**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.339$ mho/m; $\epsilon_r =$ 41.533; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20000/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.165 mW/g

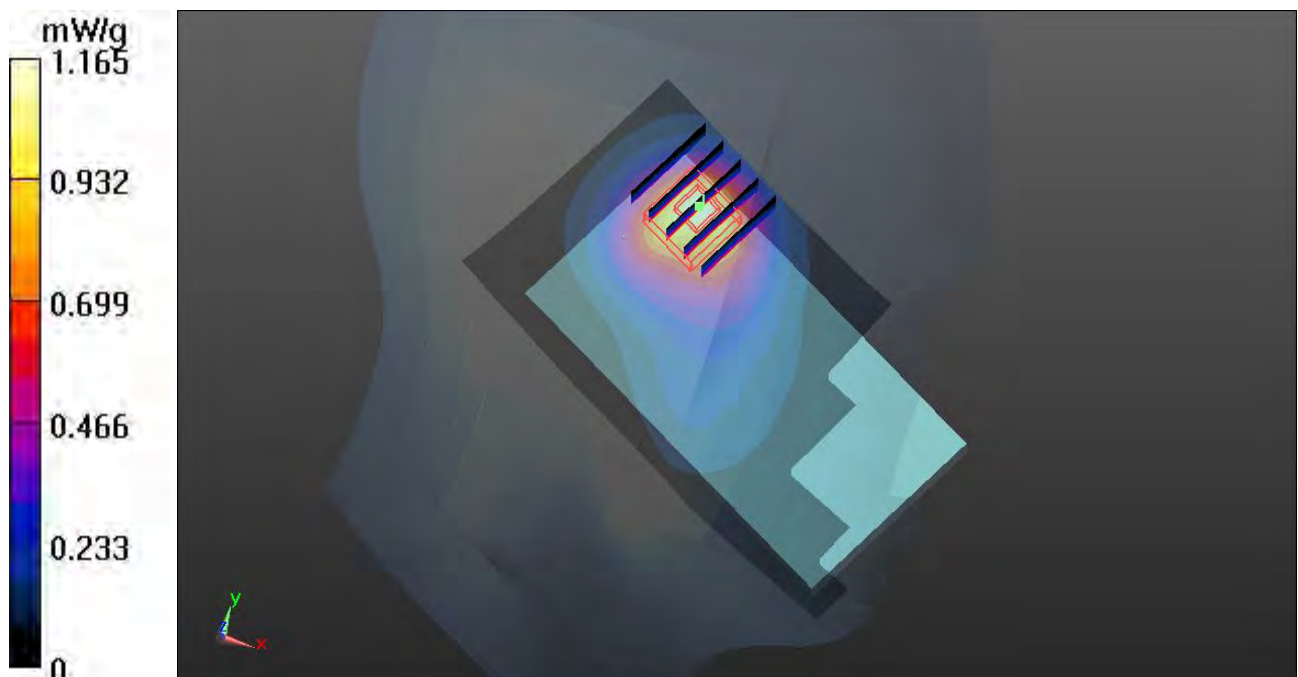
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.938 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.7580

SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.553 mW/g

Maximum value of SAR (measured) = 1.066 mW/g



38 LTE Band IV QPSK_RB 25 13_Left Cheek_Ch20350**DUT: 230902**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ mho/m; $\epsilon_r =$ 41.359; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.161 mW/g

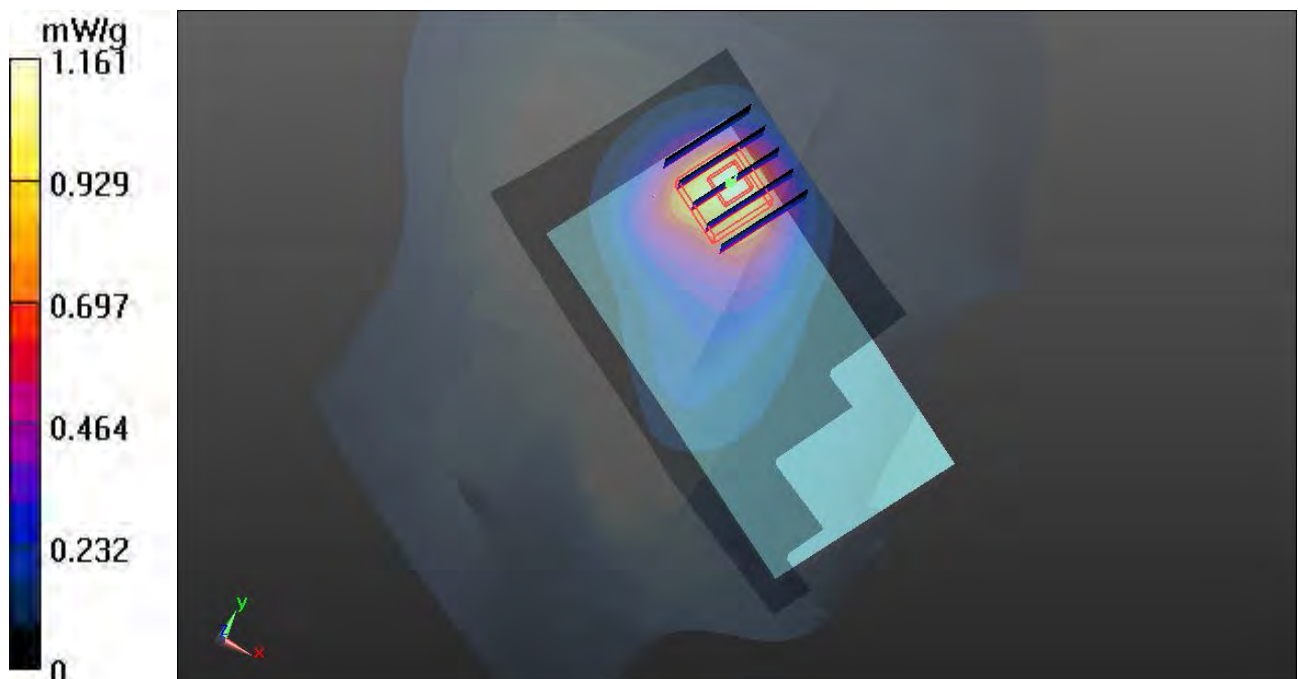
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.617 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.8370

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

Maximum value of SAR (measured) = 1.107 mW/g



39 LTE Band IV QPSK_RB 25 13_Left Tilted_Ch20000**DUT: 230902**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.339$ mho/m; $\epsilon_r =$

41.533; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20000/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.892 mW/g

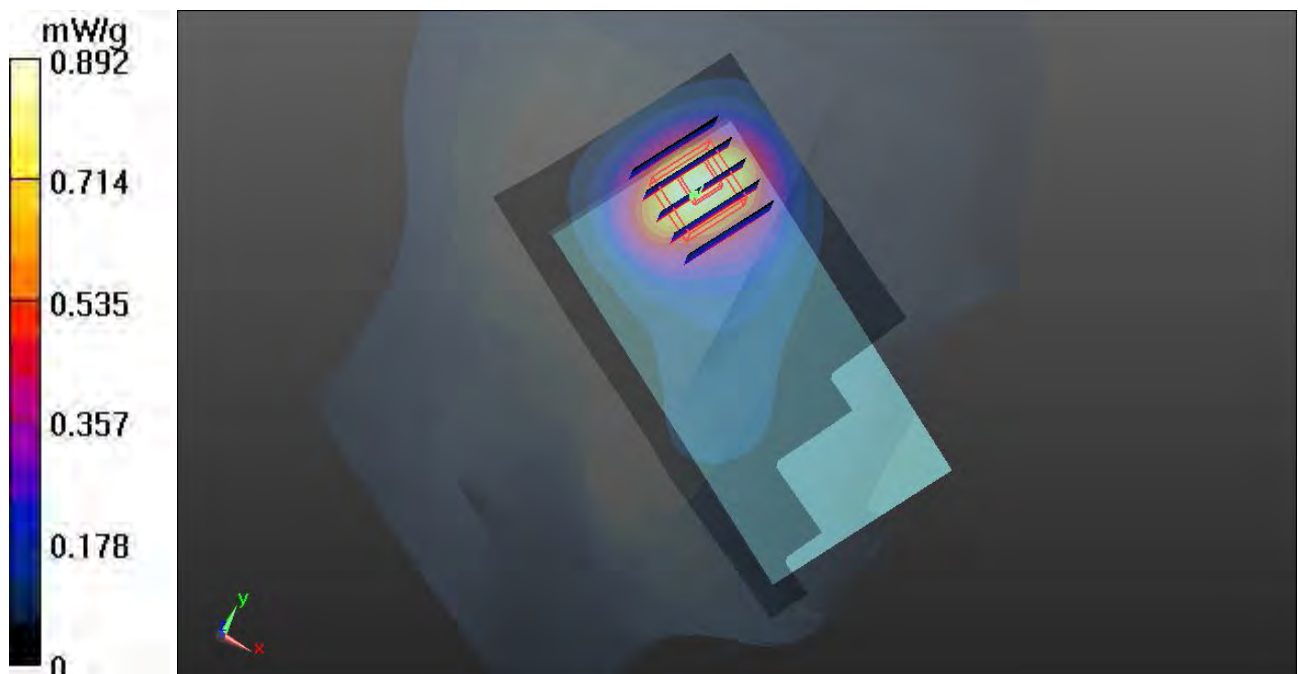
Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.069 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.3200

SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.474 mW/g

Maximum value of SAR (measured) = 0.824 mW/g



40 LTE Band IV QPSK_RB 25 13_Left Tilted_Ch20350**DUT: 230902**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ mho/m; $\epsilon_r =$ 41.359; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20350/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.956 mW/g

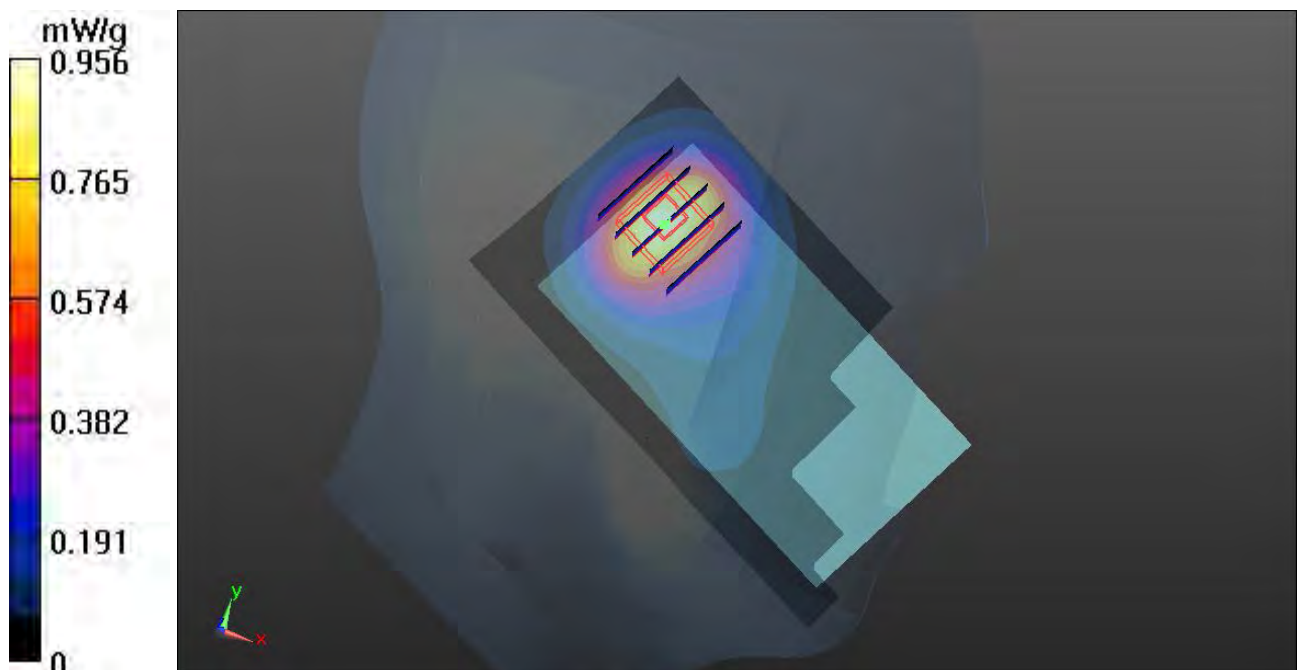
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.643 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.3610

SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.492 mW/g

Maximum value of SAR (measured) = 0.862 mW/g



41 LTE Band IV QPSK_RB 1 0_Right Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.133 mW/g

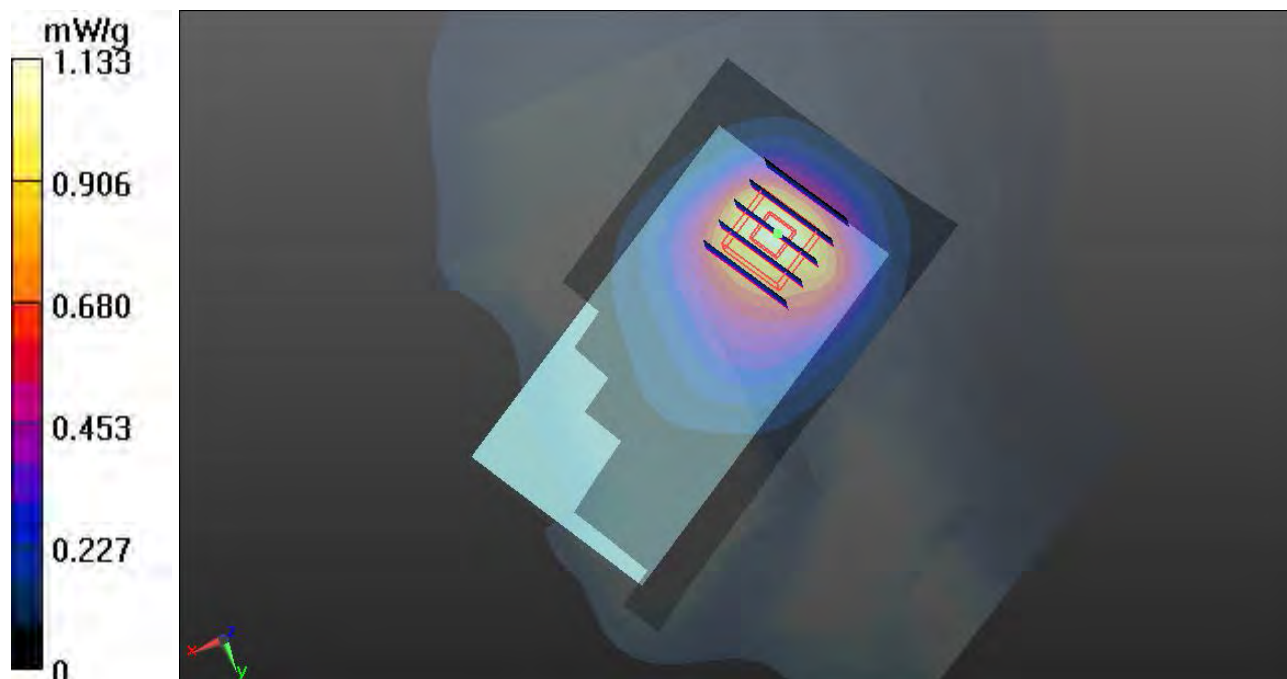
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.602 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.5400

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.102 mW/g



42 LTE Band IV QPSK_RB 1 0_Right Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.075 mW/g

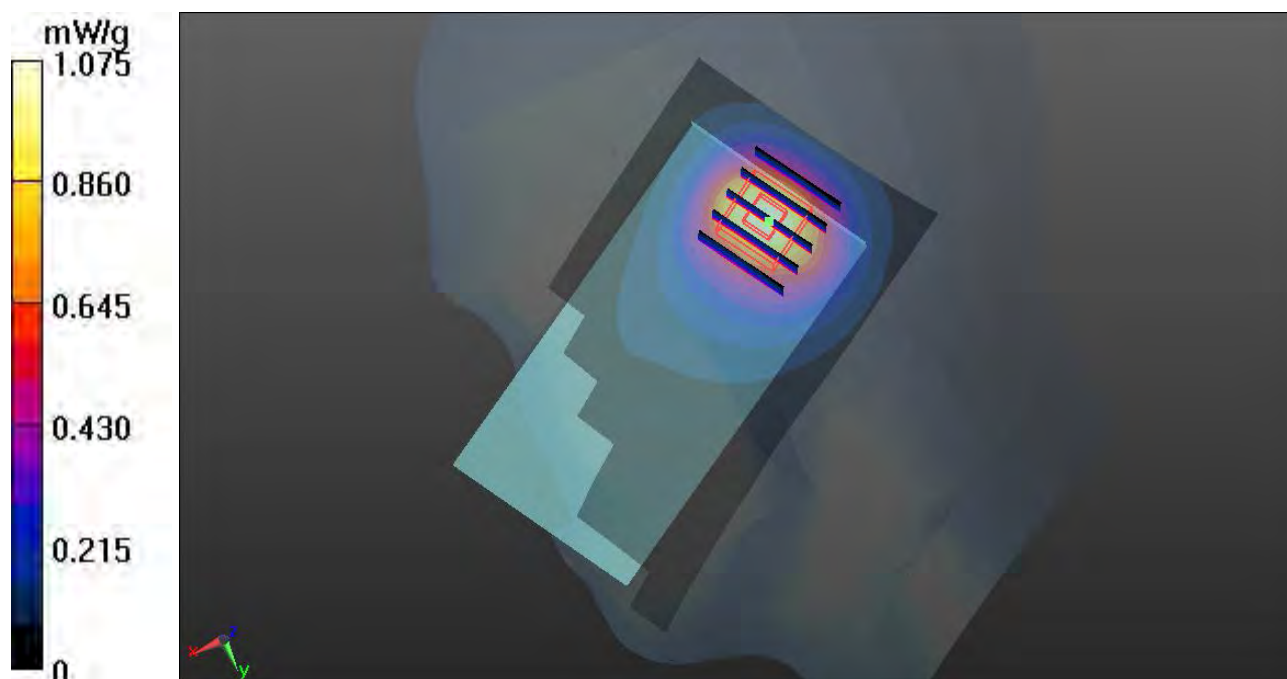
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.837 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.5030

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.566 mW/g

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



43 LTE Band IV QPSK_RB 1 0_Left Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.428 mW/g

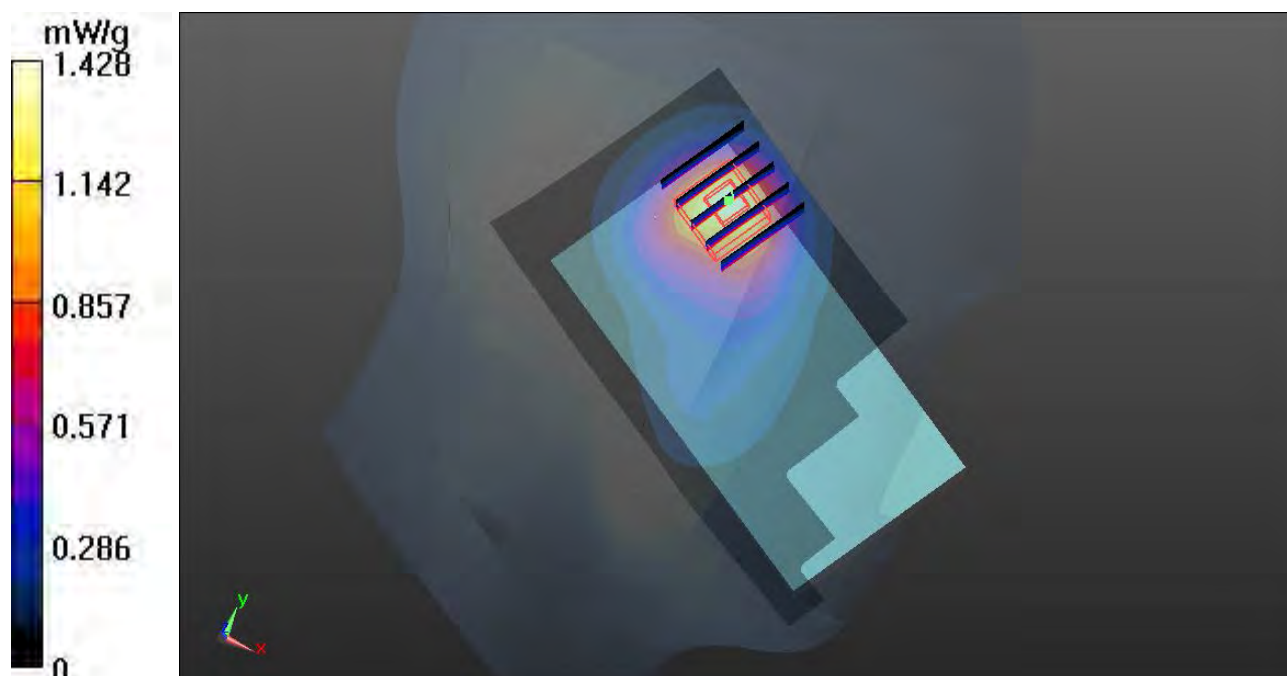
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.646 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.1920

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.683 mW/g

Maximum value of SAR (measured) = 1.329 mW/g



43 LTE Band IV QPSK_RB 1 0_Left Cheek_Ch20175_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.428 mW/g

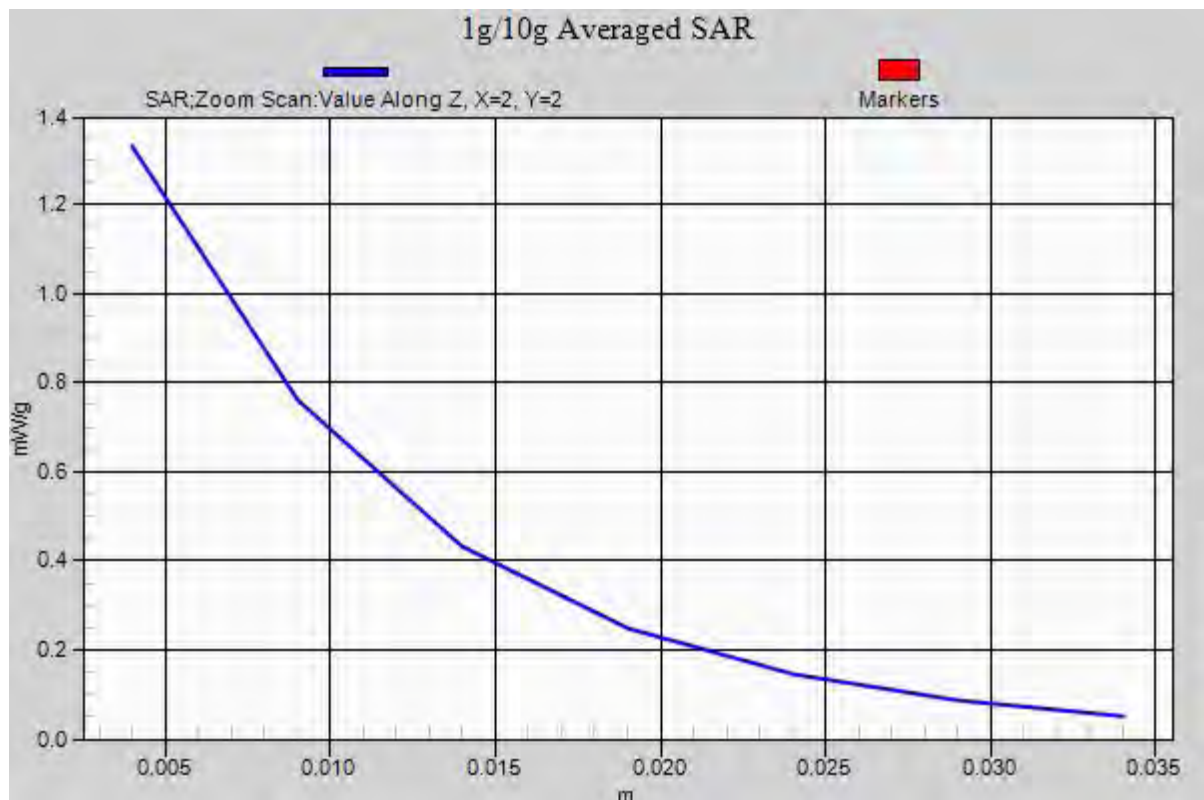
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.646 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.1920

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.683 mW/g

Maximum value of SAR (measured) = 1.329 mW/g



44 LTE Band IV QPSK_RB 1 0_Left Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.091 mW/g

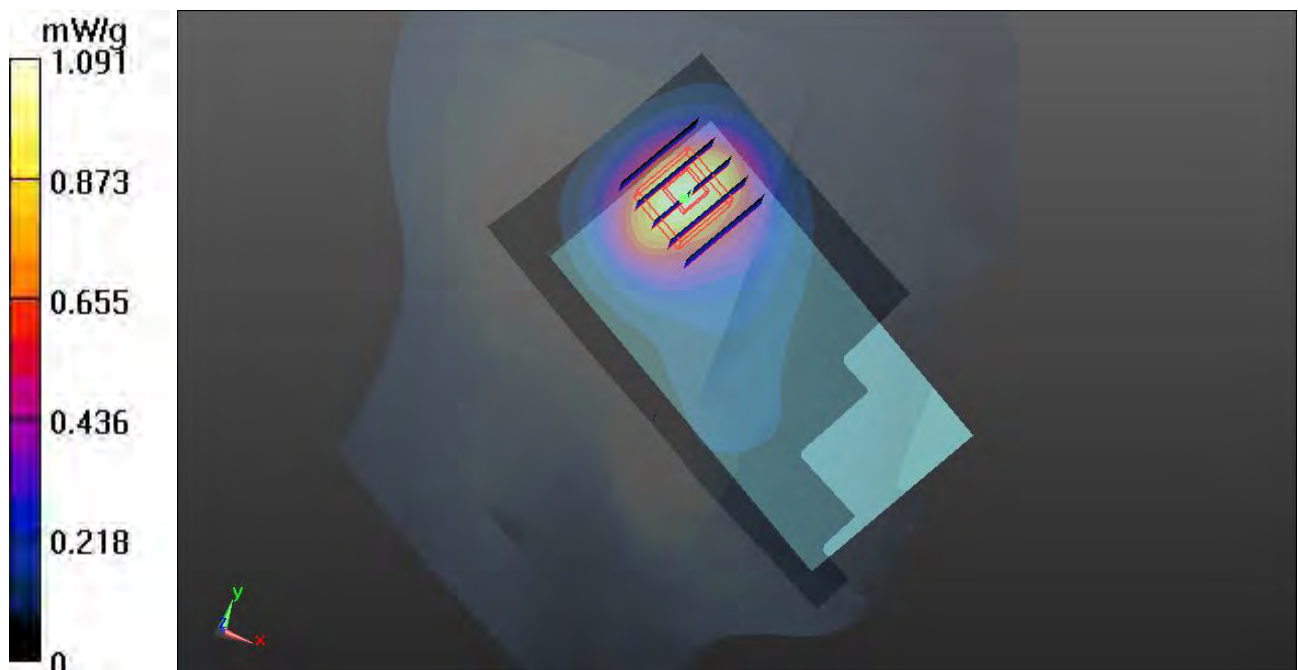
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.241 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.5740

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.567 mW/g

Maximum value of SAR (measured) = 0.997 mW/g



45 LTE Band IV QPSK_RB 1 49_Right Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.112 mW/g

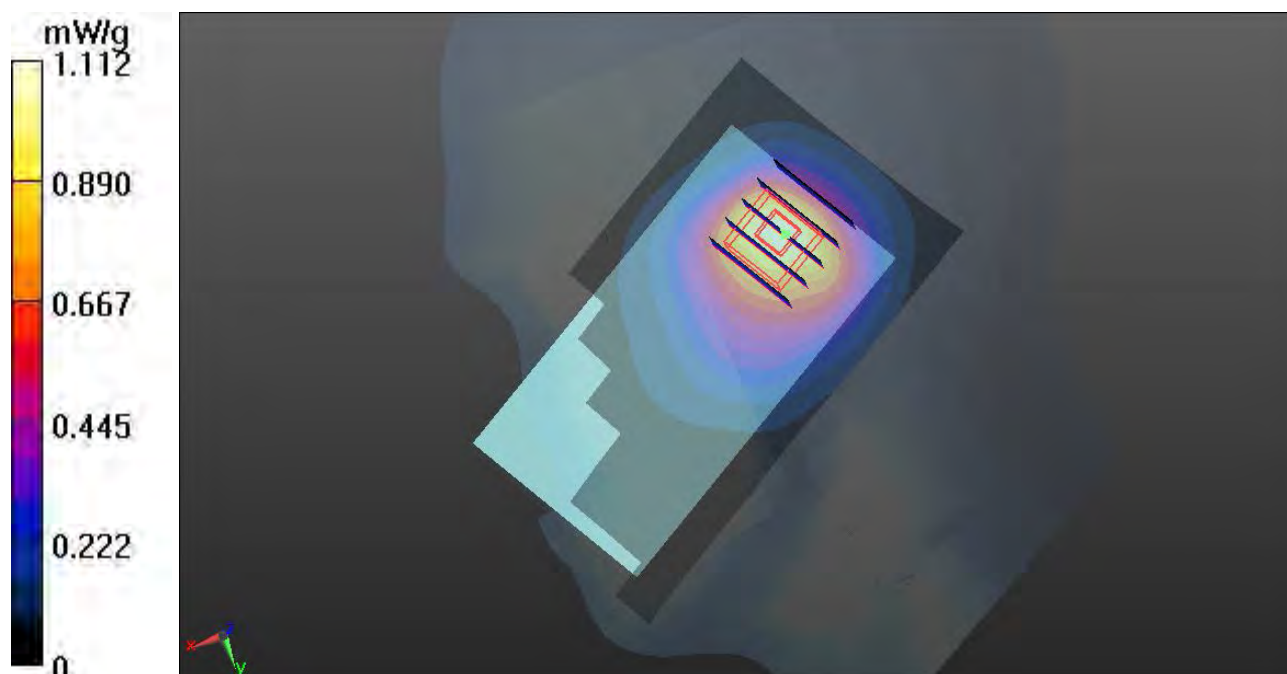
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.443 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.5710

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.624 mW/g

Maximum value of SAR (measured) = 1.087 mW/g



46 LTE Band IV QPSK_RB 1 49_Right Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.061 mW/g

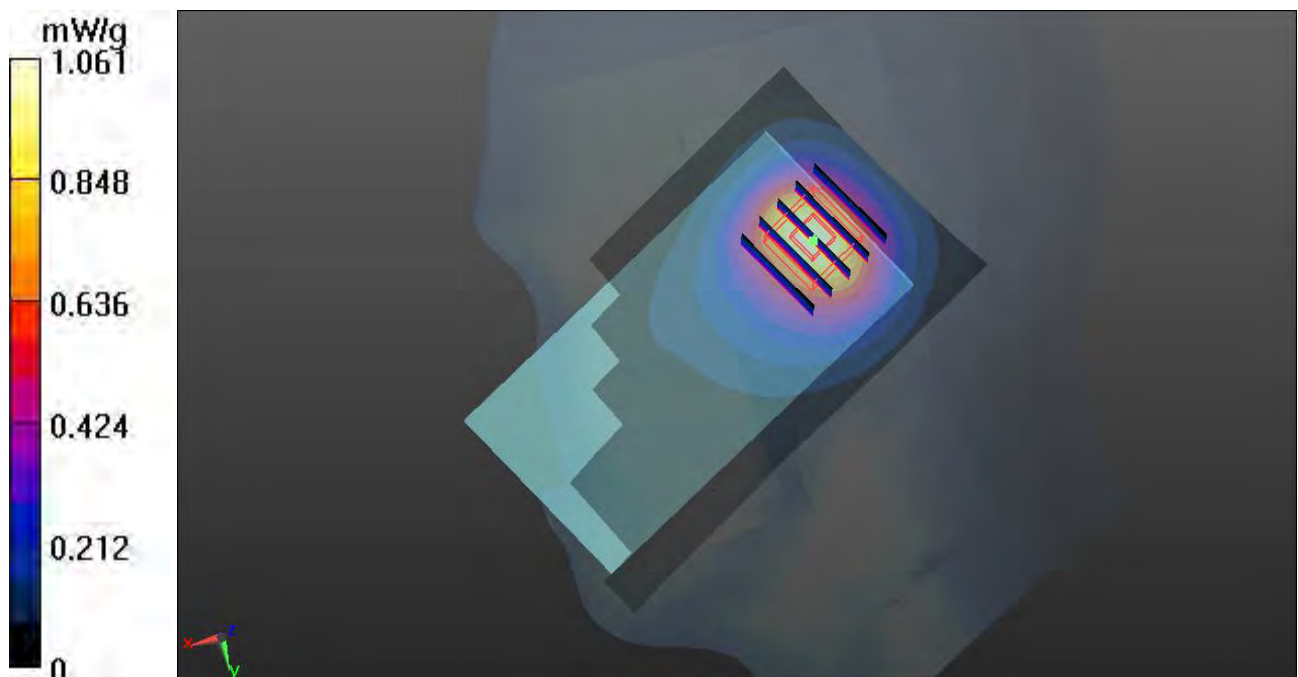
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.347 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.4880

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 1.015 mW/g



47 LTE Band IV QPSK_RB 1 49_Left Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.253 mW/g

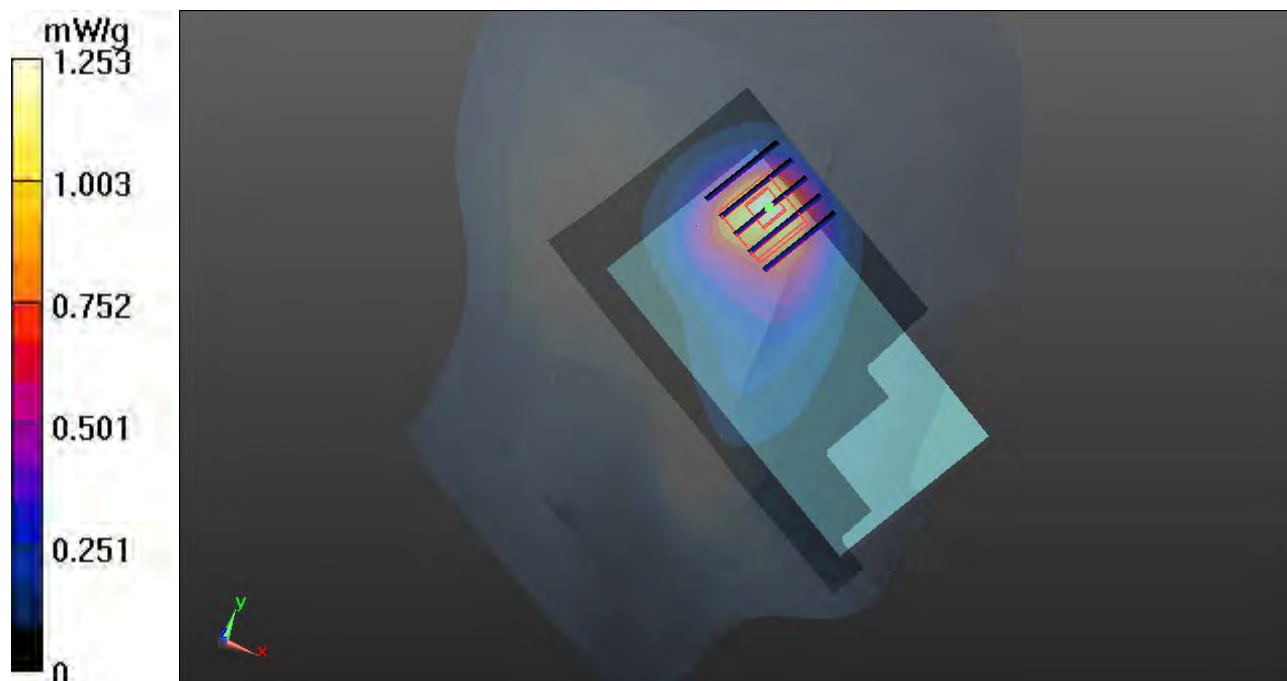
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.174 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.9320

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.597 mW/g

Maximum value of SAR (measured) = 1.156 mW/g



47 LTE Band IV QPSK_RB 1 49_Left Cheek_Ch20175_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.253 mW/g

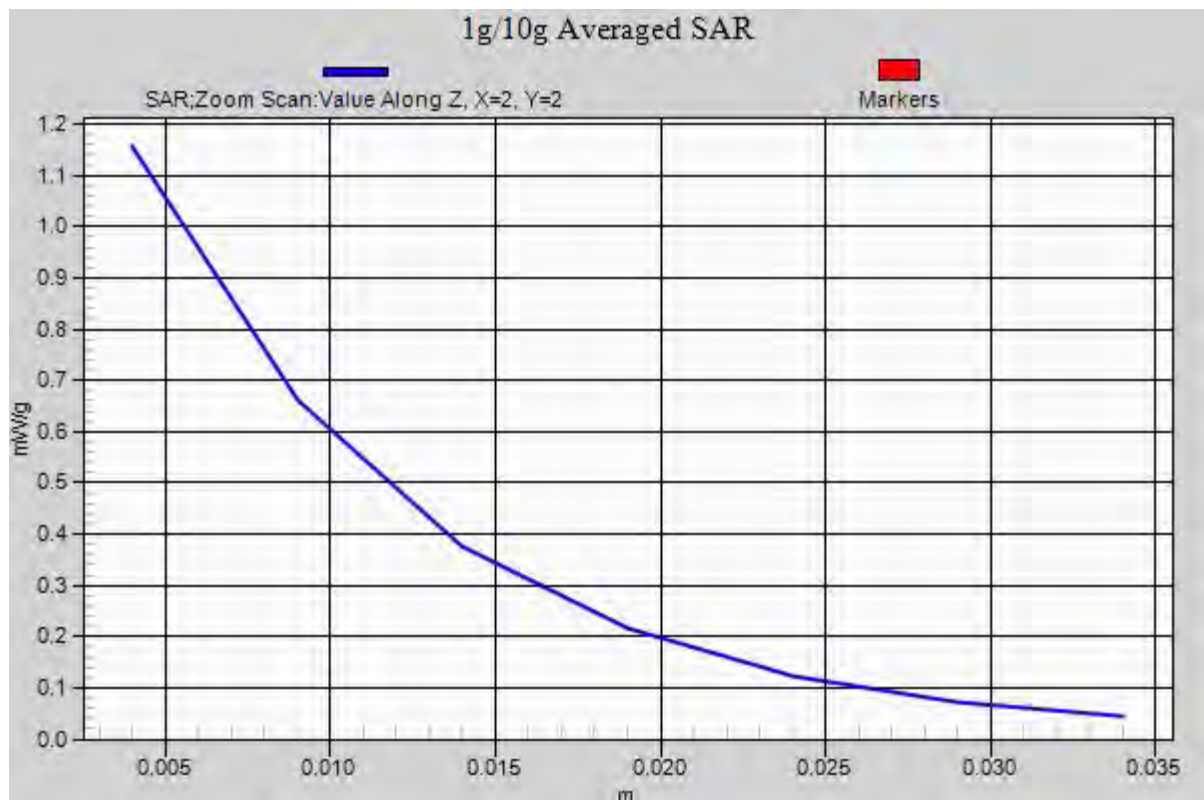
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.174 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.9320

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.597 mW/g

Maximum value of SAR (measured) = 1.156 mW/g



48 LTE Band IV QPSK_RB 1 49_Left Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.445; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.938 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.155 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.3990

SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.506 mW/g

Maximum value of SAR (measured) = 0.902 mW/g



49 LTE Band IV 16-QAM_RB 25 13_Right Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.726 mW/g

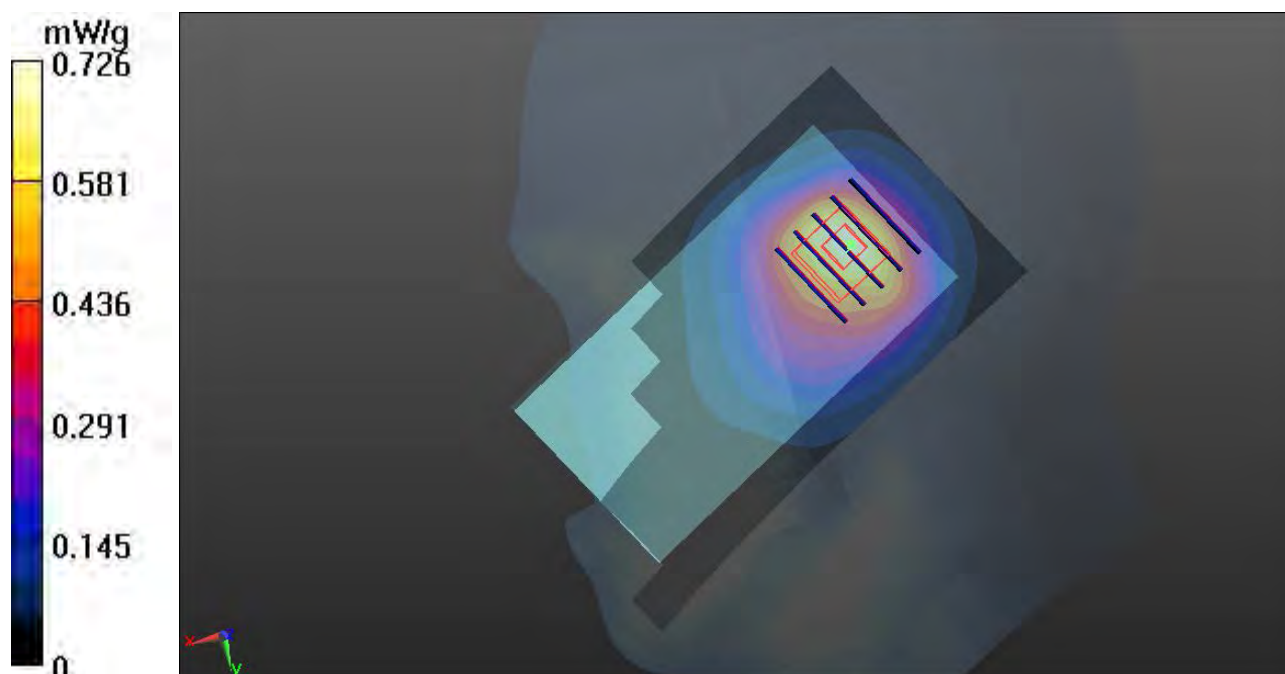
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.809 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.9730

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.683 mW/g



50 LTE Band IV 16-QAM_RB 25 13_Right Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

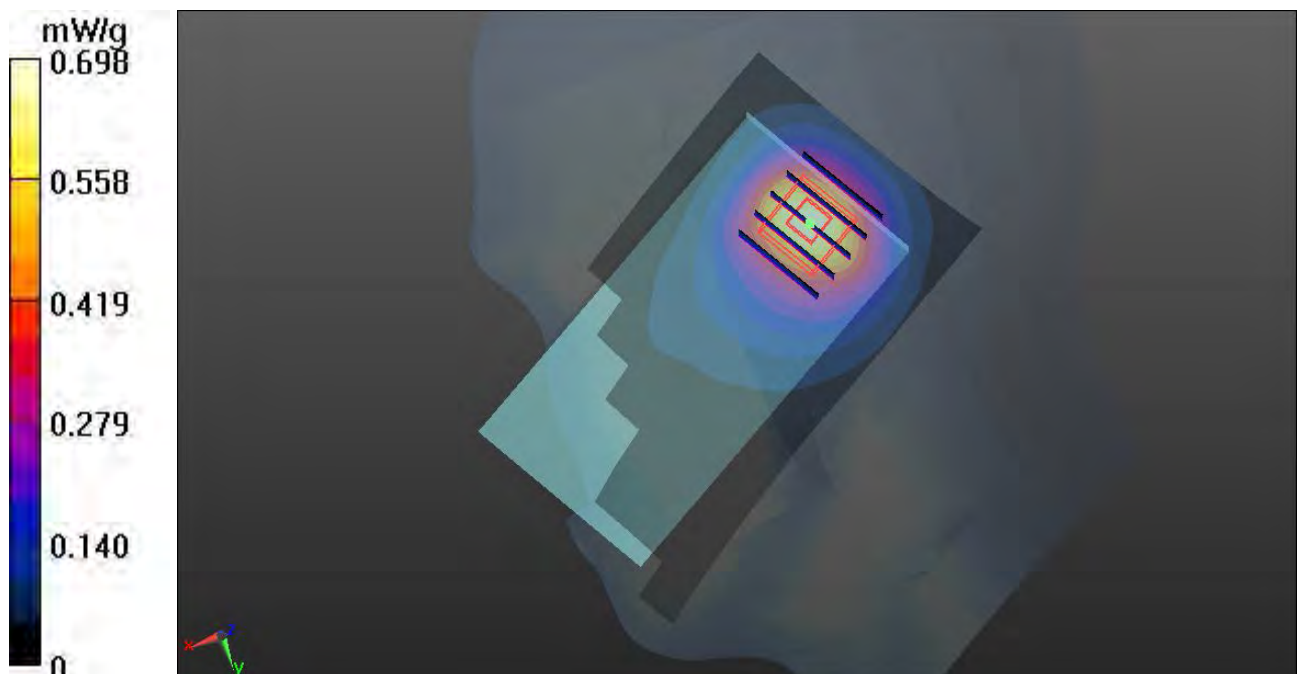
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.003 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.9720

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.661 mW/g



51 LTE Band IV 16-QAM_RB 25 13_Left Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.872 mW/g

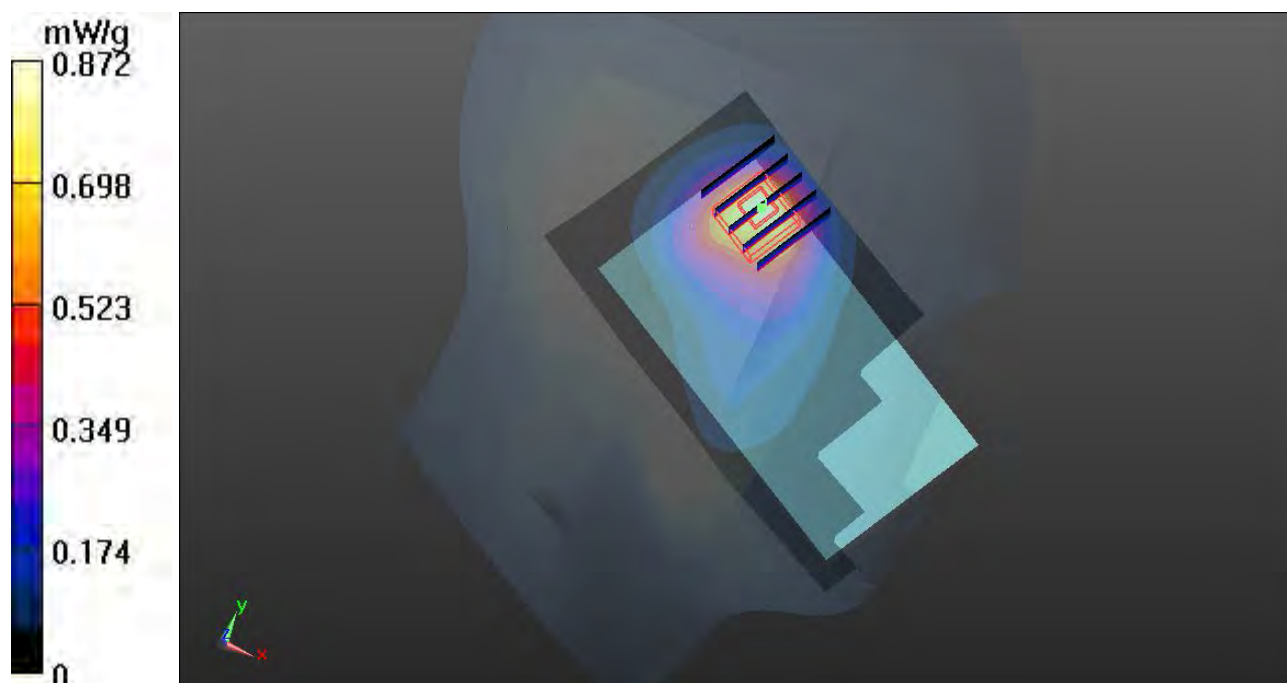
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.172 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.3780

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.821 mW/g



51 LTE Band IV 16-QAM_RB 25 13_Left Cheek_Ch20175_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.872 mW/g

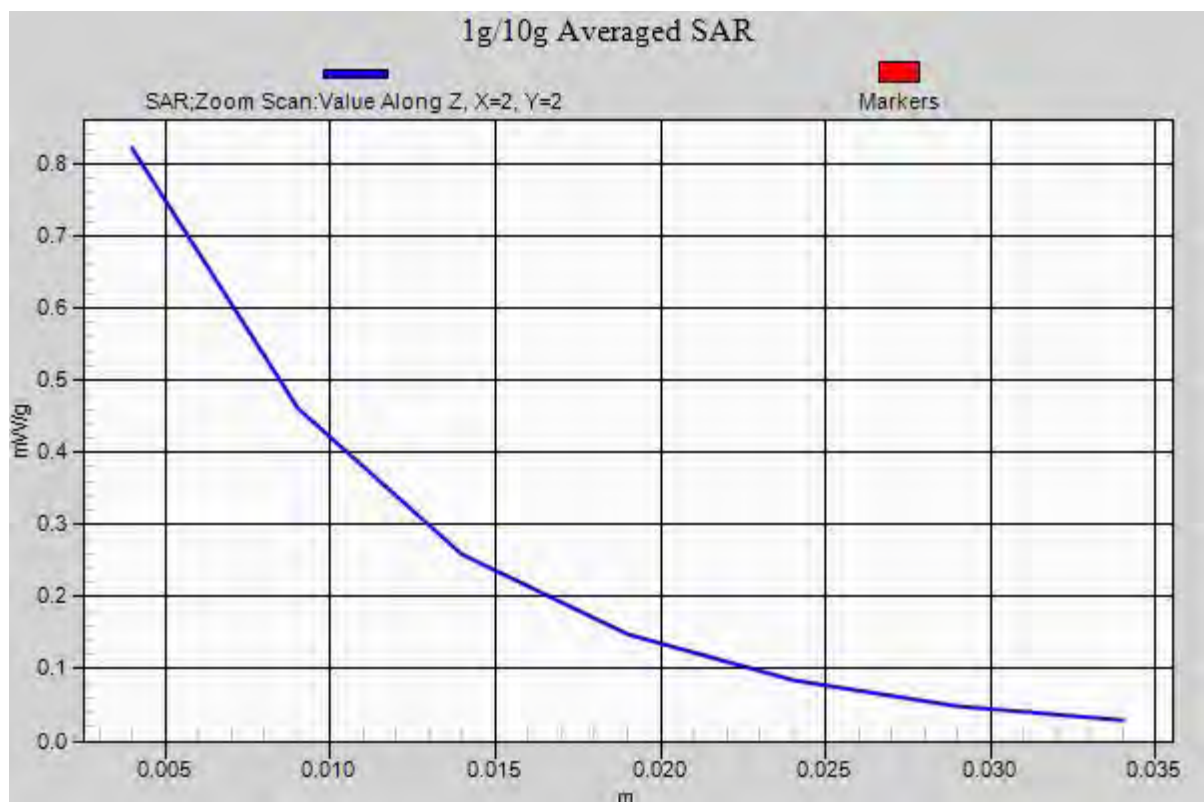
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.172 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.3780

SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.821 mW/g



52 LTE Band IV 16-QAM_RB 25 13_Left Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.793 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.0250

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.658 mW/g



53 LTE Band IV 16-QAM_RB 1 0_Right Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.060 mW/g

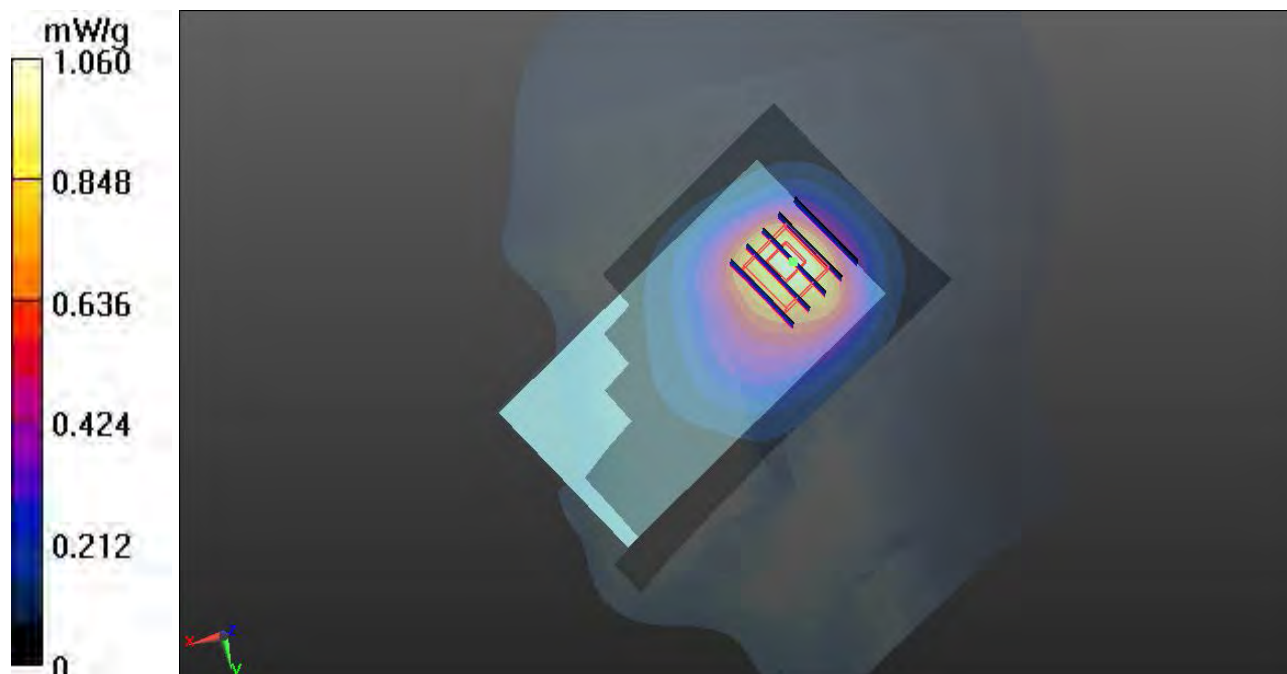
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.012 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.4910

SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.600 mW/g

Maximum value of SAR (measured) = 1.049 mW/g



54 LTE Band IV 16-QAM_RB 1 0_Right Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.014 mW/g

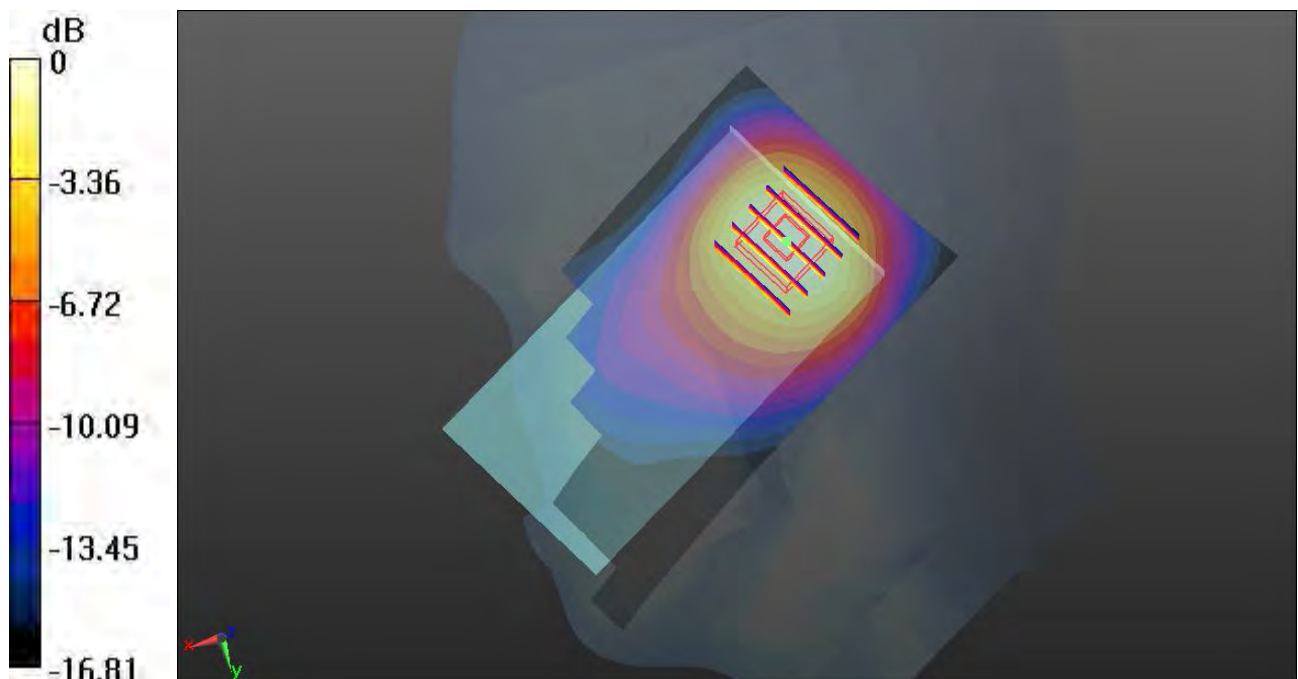
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.441 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.4150

SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 0.966 mW/g



0 dB = 0.970mW/g = -0.26 dB mW/g

55 LTE Band IV 16-QAM_RB 1 0_Left Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.363 mW/g

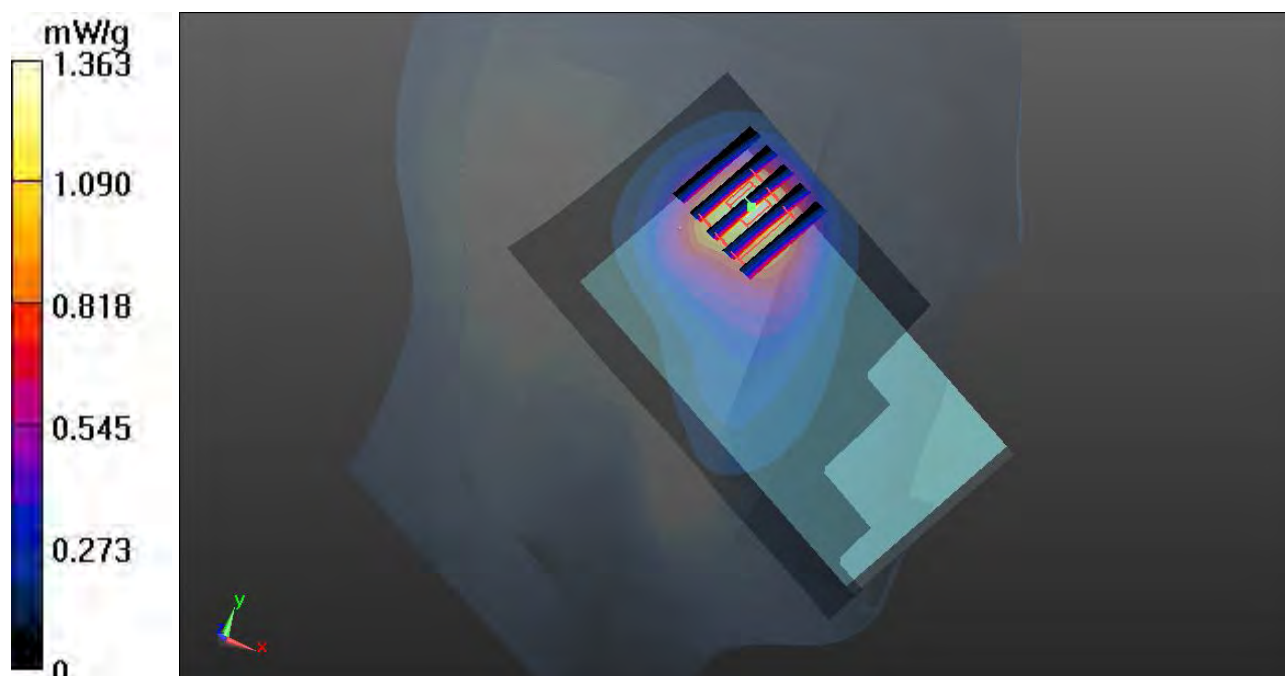
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.643 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.0940

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 1.288 mW/g



55 LTE Band IV 16-QAM_RB 1 0_Left Cheek_Ch20175_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.363 mW/g

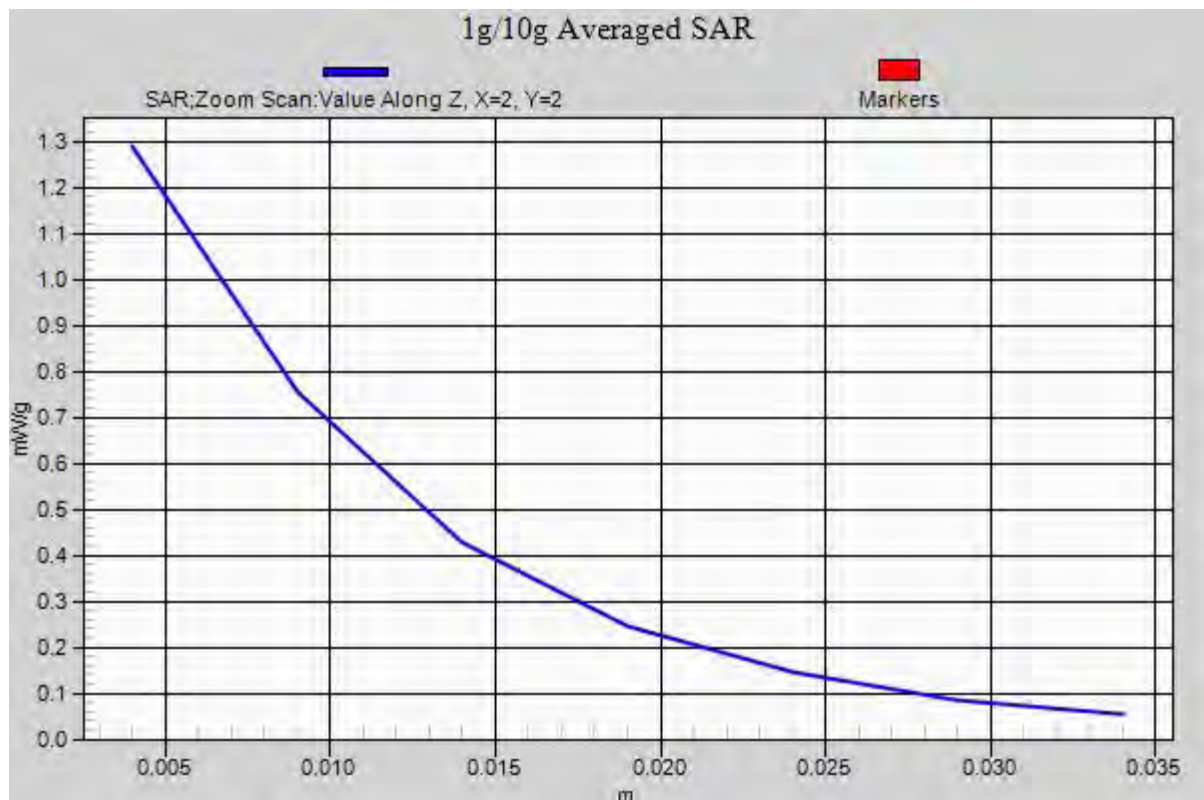
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.643 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.0940

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 1.288 mW/g



56 LTE Band IV 16-QAM_RB 1 0_Left Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.053 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.253 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.5490

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 0.996 mW/g



57 LTE Band IV 16-QAM_RB 1 49_Right Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.084 mW/g

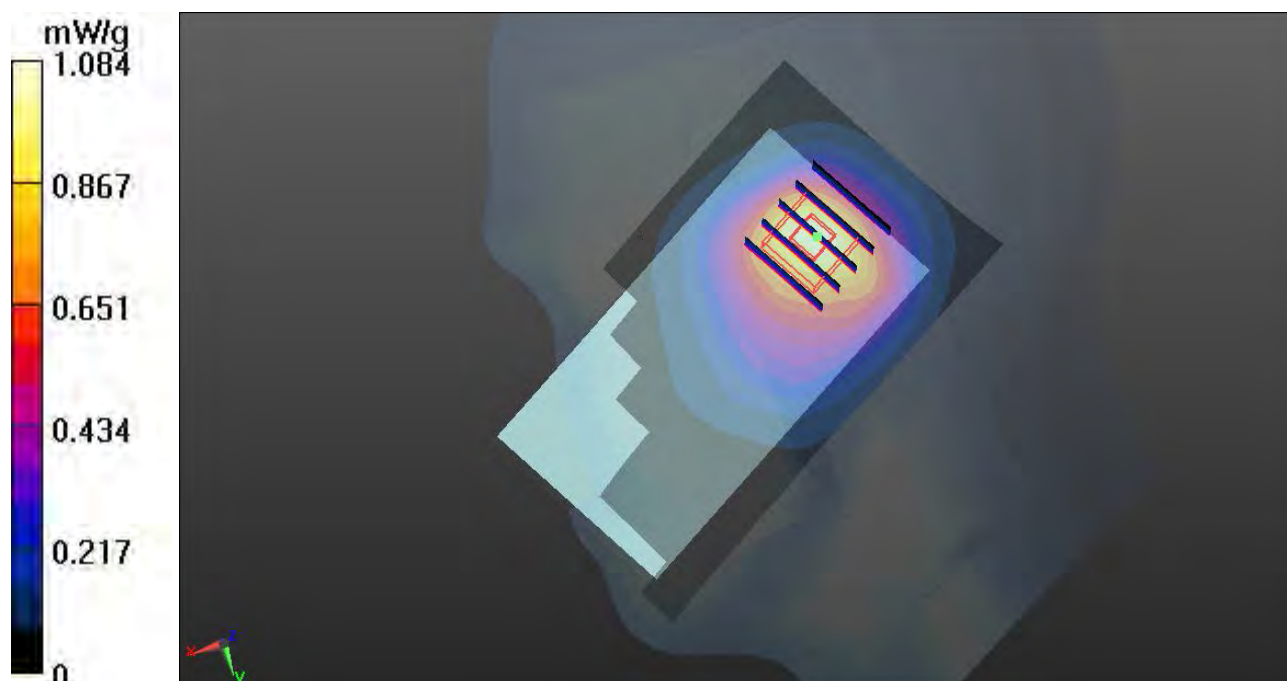
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.588 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.5340

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.612 mW/g

Maximum value of SAR (measured) = 1.083 mW/g



58 LTE Band IV 16-QAM_RB 1 49_Right Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.050 mW/g

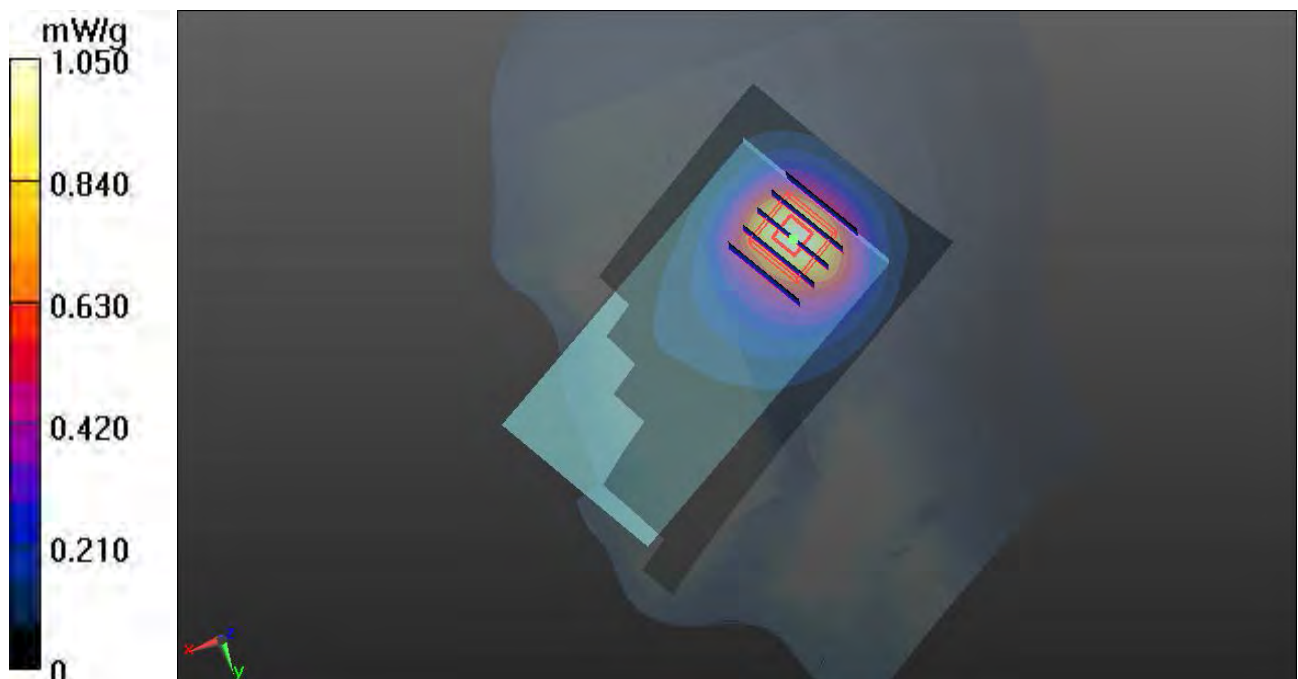
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.556 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.4650

SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 1.001 mW/g



59 LTE Band IV 16-QAM_RB 1 49_Left Cheek_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.357 mW/g

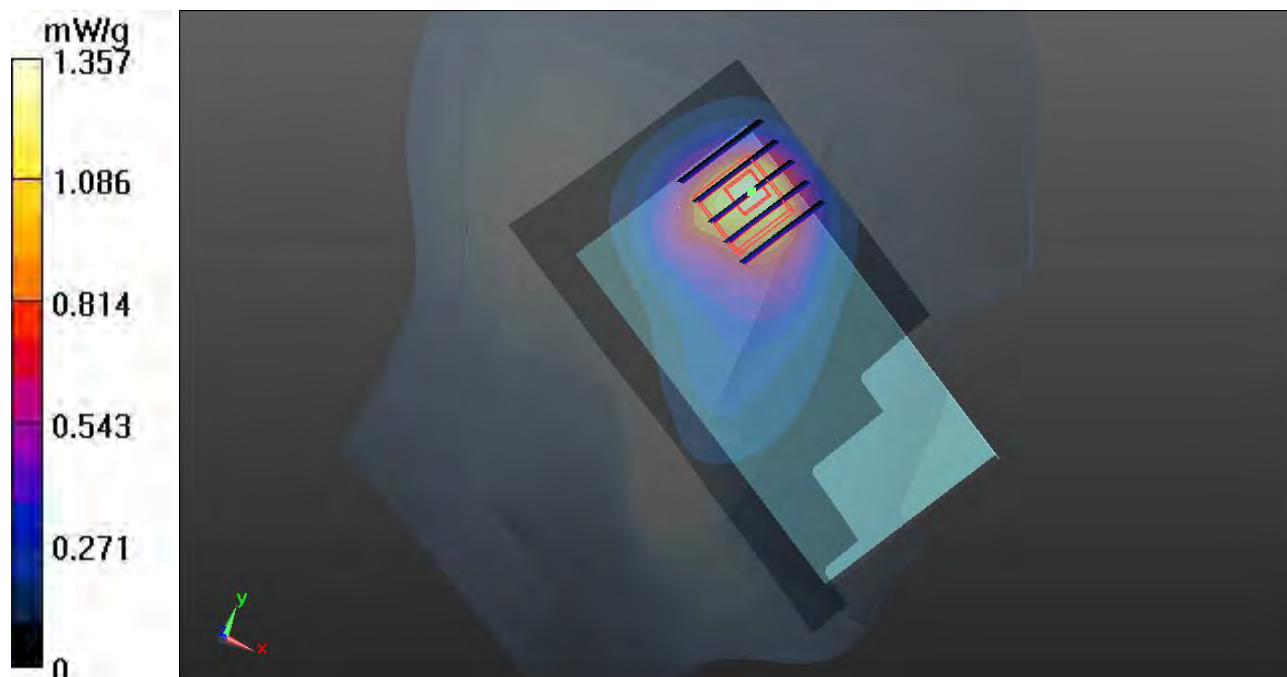
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.474 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.1370

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.246 mW/g



59 LTE Band IV 16-QAM_RB 1 49_Left Cheek_Ch20175_2D**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.357 mW/g

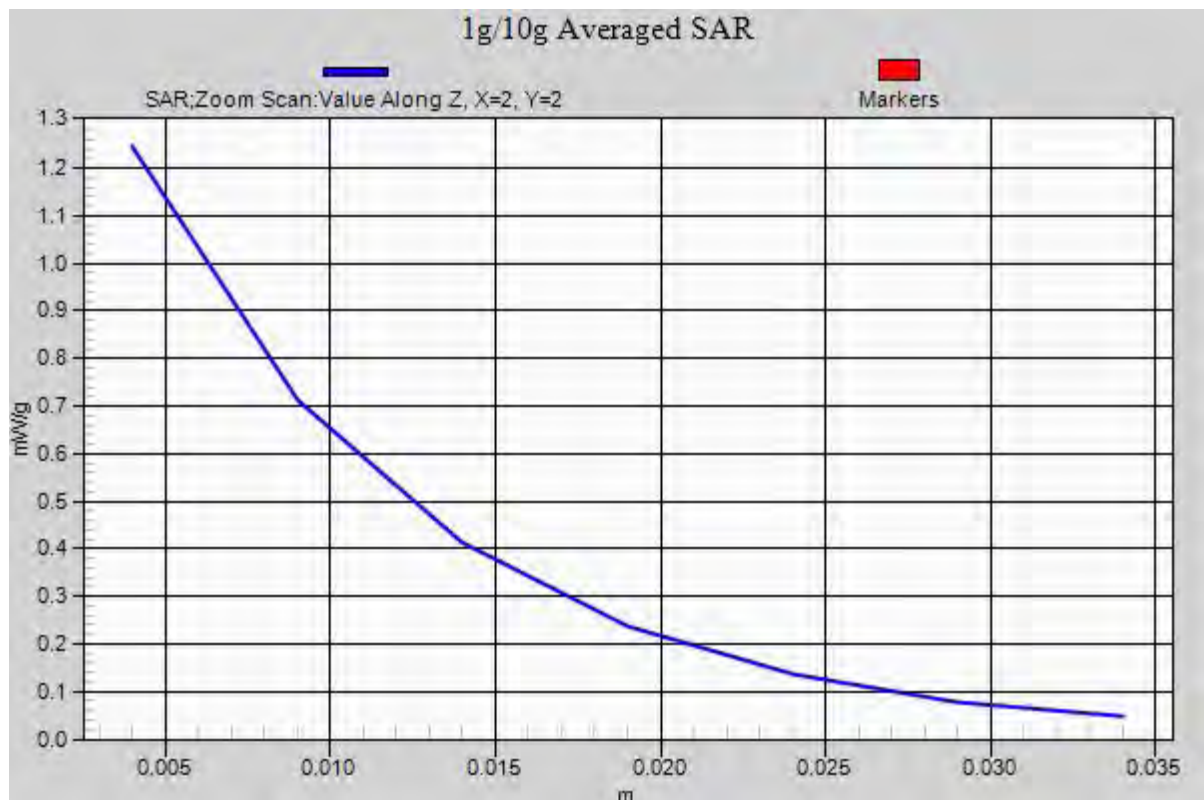
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.474 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.1370

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.656 mW/g

Maximum value of SAR (measured) = 1.246 mW/g



60 LTE Band IV 16-QAM_RB 1 49_Left Tilted_Ch20175**DUT: 230902**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1800_120421 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.358$ mho/m; $\epsilon_r =$ 41.634; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.69, 8.69, 8.69); 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)

Ch20175/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.154 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.5000

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.551 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



01 LTE Band II QPSK_RB 25 13_Right Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.977 mW/g

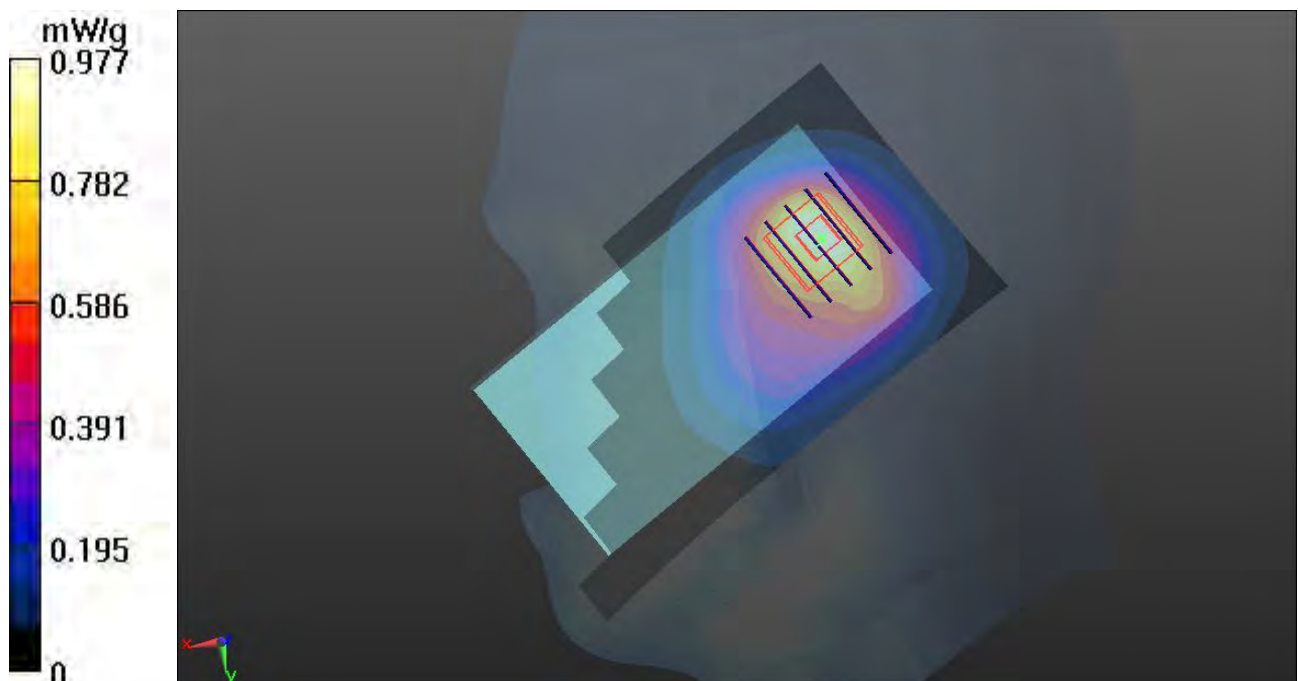
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.551 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.4880

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.565 mW/g

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



02 LTE Band II QPSK_RB 25 13_Right Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.054 mW/g

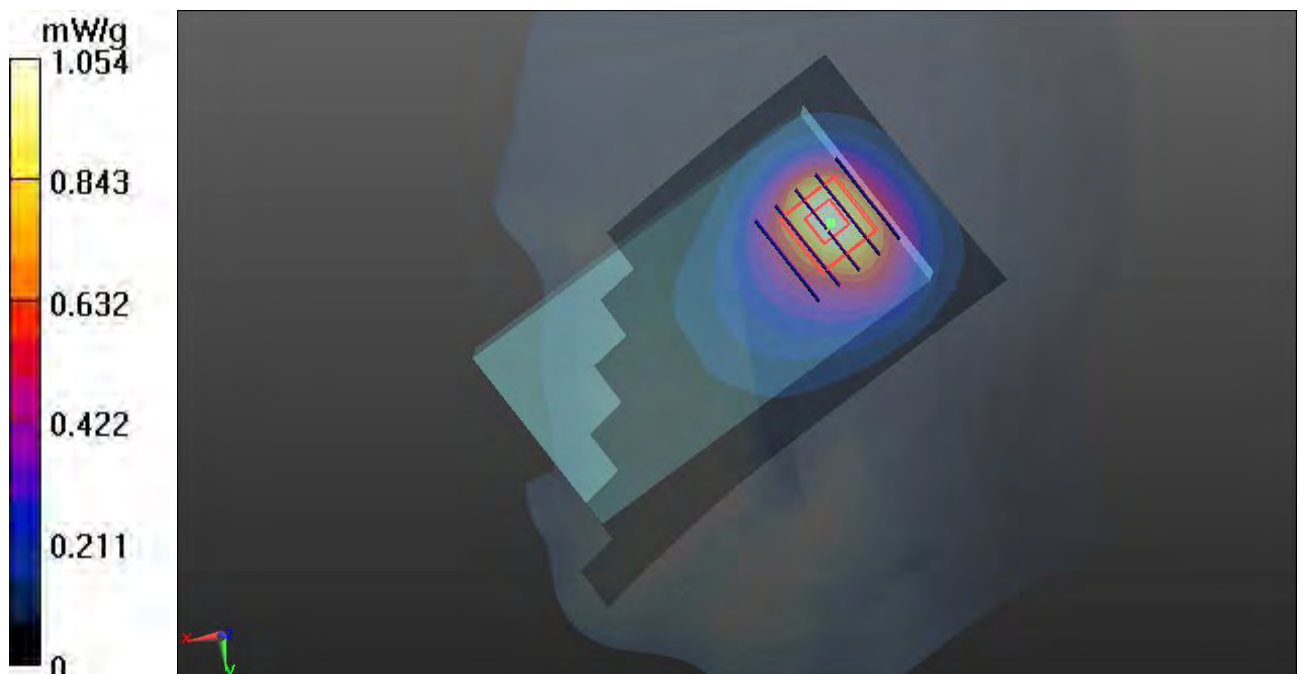
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.599 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.5230

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.549 mW/g

Maximum value of SAR (measured) = 1.016 mW/g



03 LTE Band II QPSK_RB 25 13_Left Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.353 mW/g

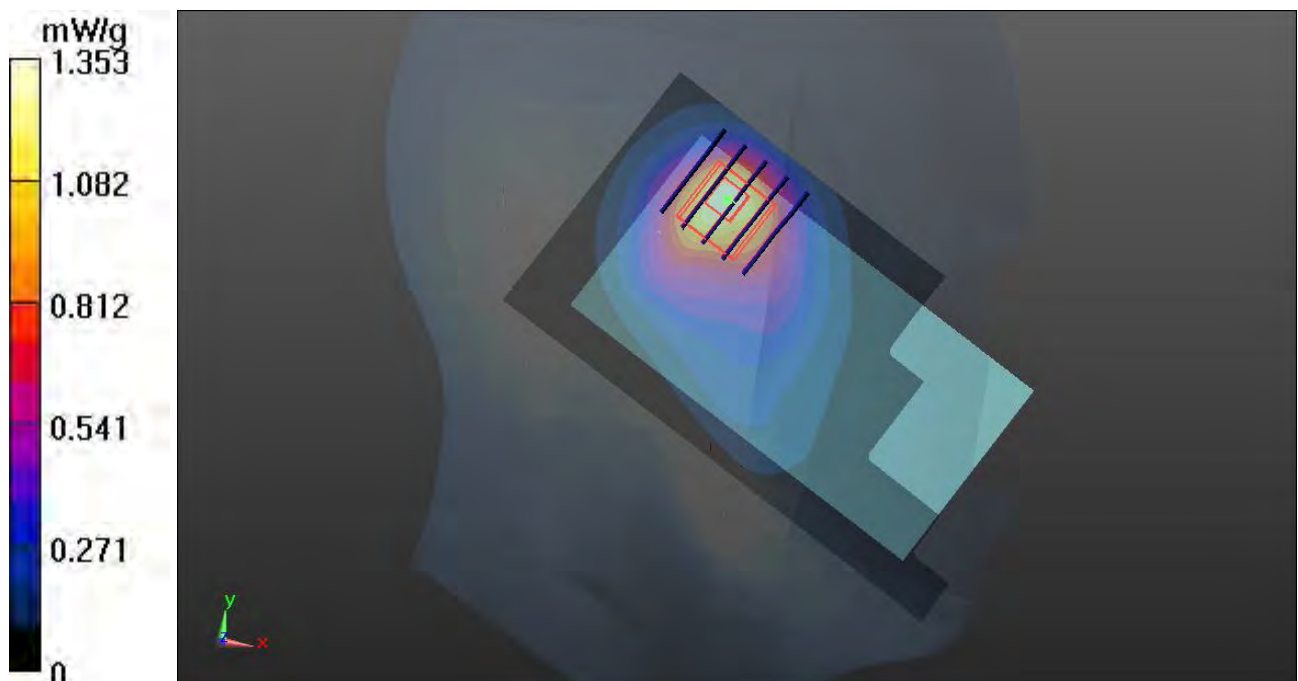
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.941 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.3030

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.675 mW/g

Maximum value of SAR (measured) = 1.358 mW/g



03 LTE Band II QPSK_RB 25 13_Left Cheek_Ch18900_2D**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.353 mW/g

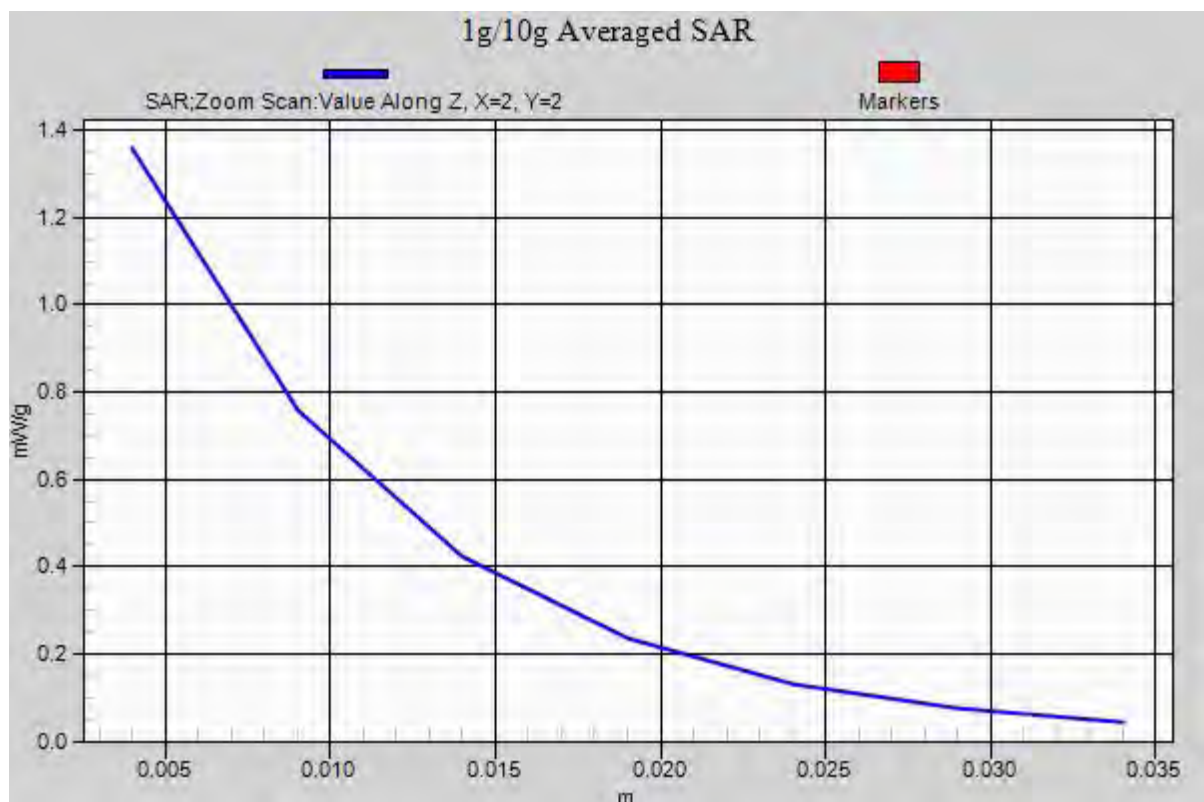
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.941 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.3030

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.675 mW/g

Maximum value of SAR (measured) = 1.358 mW/g



04 LTE Band II QPSK_RB 25 13_Left Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

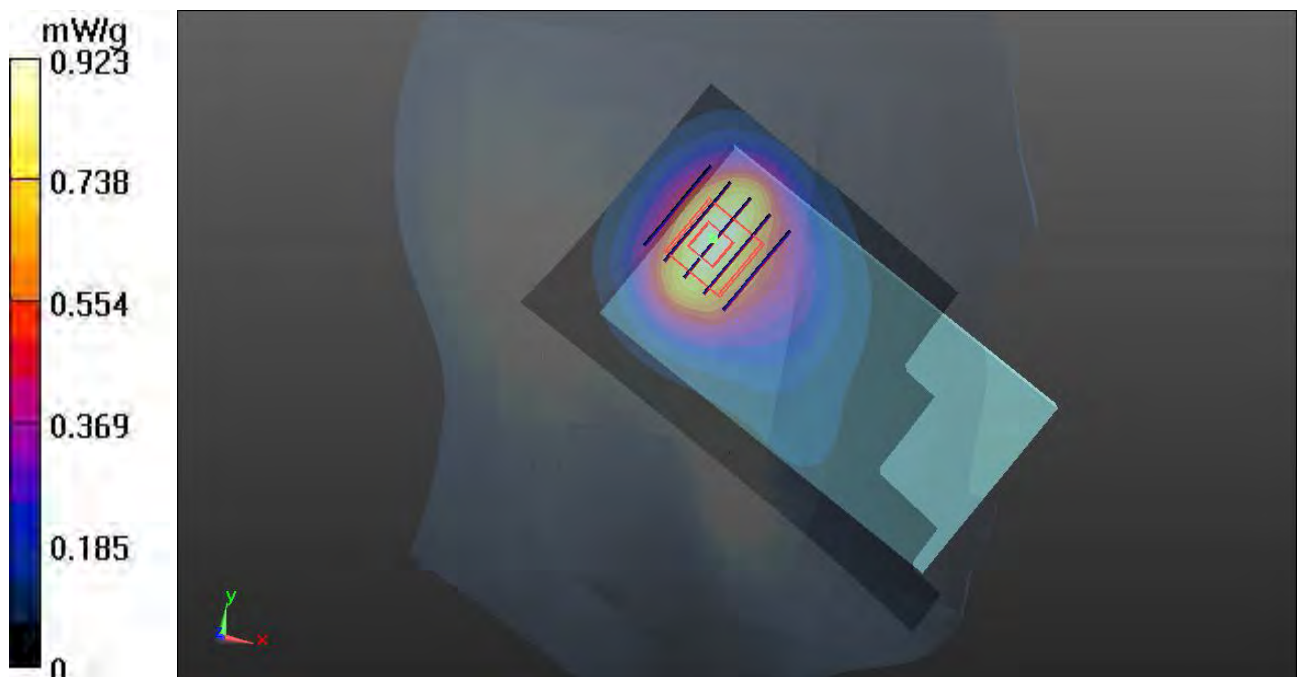
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.643 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.3510

SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.875 mW/g



05 LTE Band II QPSK_RB 25 13_Right Cheek_Ch18650**DUT: 230902**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41.235$; $\rho = 1000$ kg/m³

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

Ch18650/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 mW/g

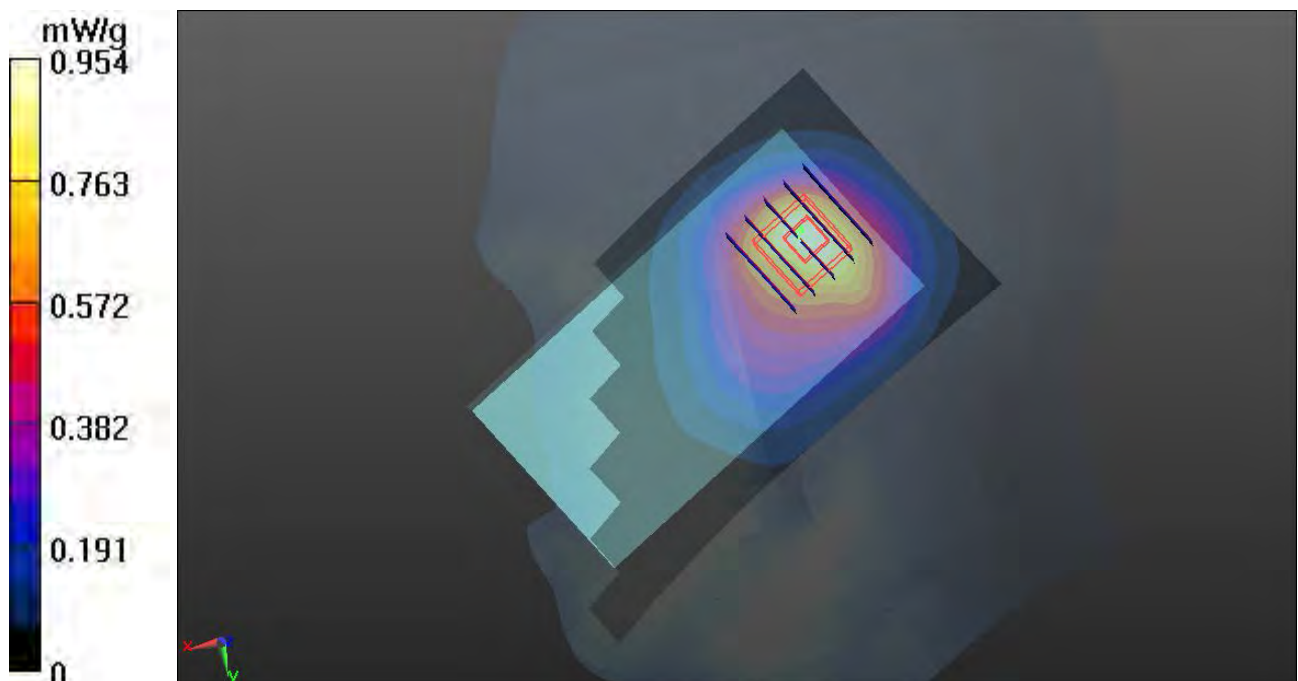
Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.323 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.2990

SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 0.906 mW/g



06 LTE Band II QPSK_RB 25 13_Right Cheek_Ch19150**DUT: 230902**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$ 41.194; $\rho = 1000$ kg/m³

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

Ch19150/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.961 mW/g

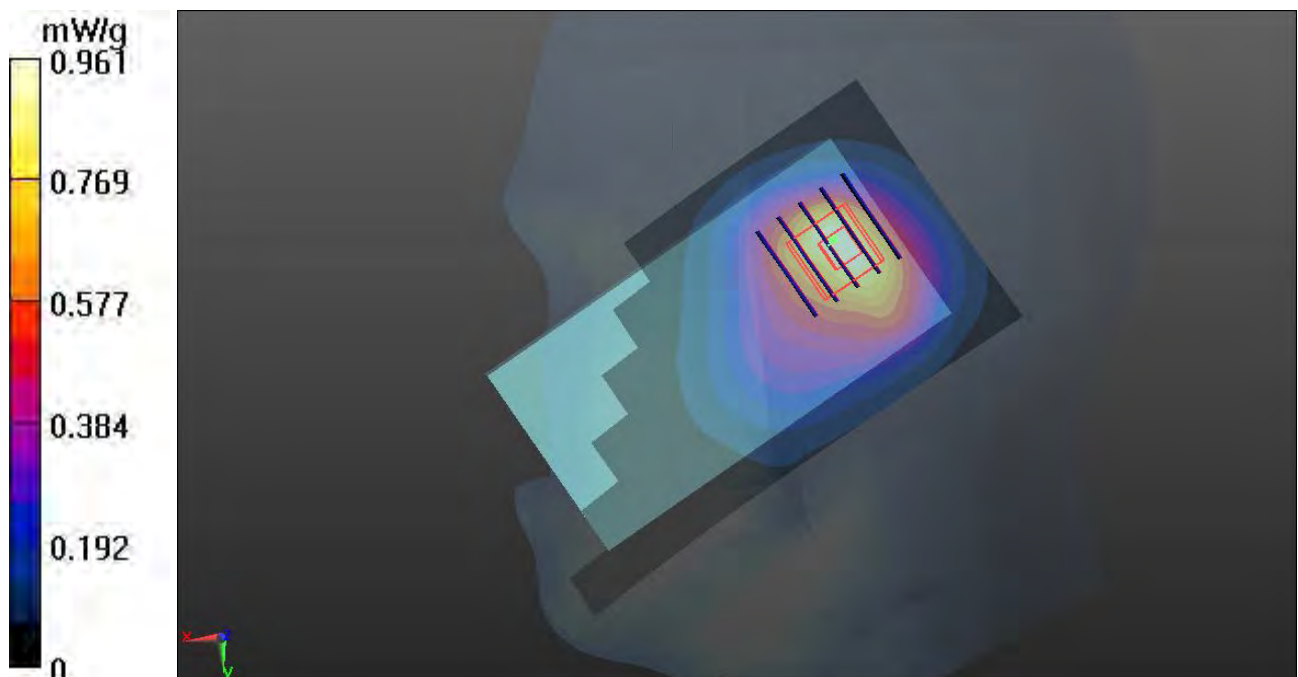
Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.972 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.3460

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.507 mW/g

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



07 LTE Band II QPSK_RB 25 13_Right Tilted_Ch18650**DUT: 230902**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41.235$; $\rho = 1000$ kg/m³

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

Ch18650/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.011 mW/g

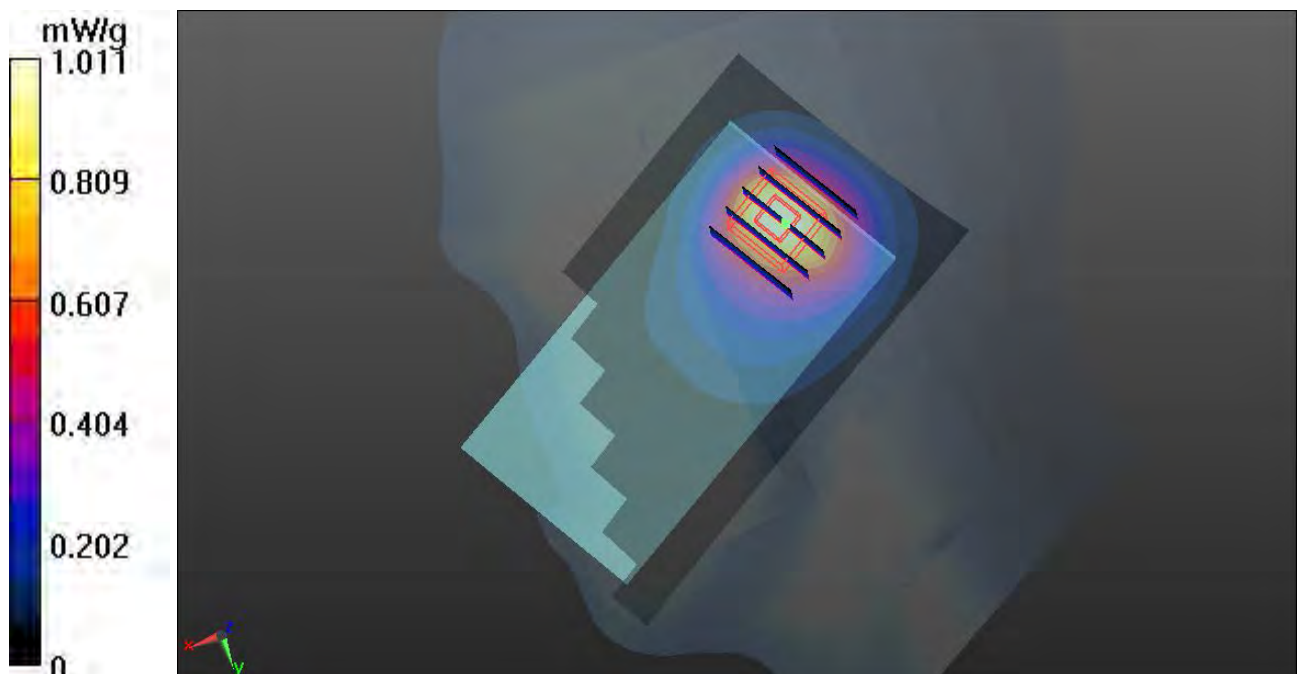
Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.638 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.5070

SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 0.998 mW/g



08 LTE Band II QPSK_RB 25 13_Right Tilted_Ch19150**DUT: 230902**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$ 41.194; $\rho = 1000$ kg/m³

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

Ch19150/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

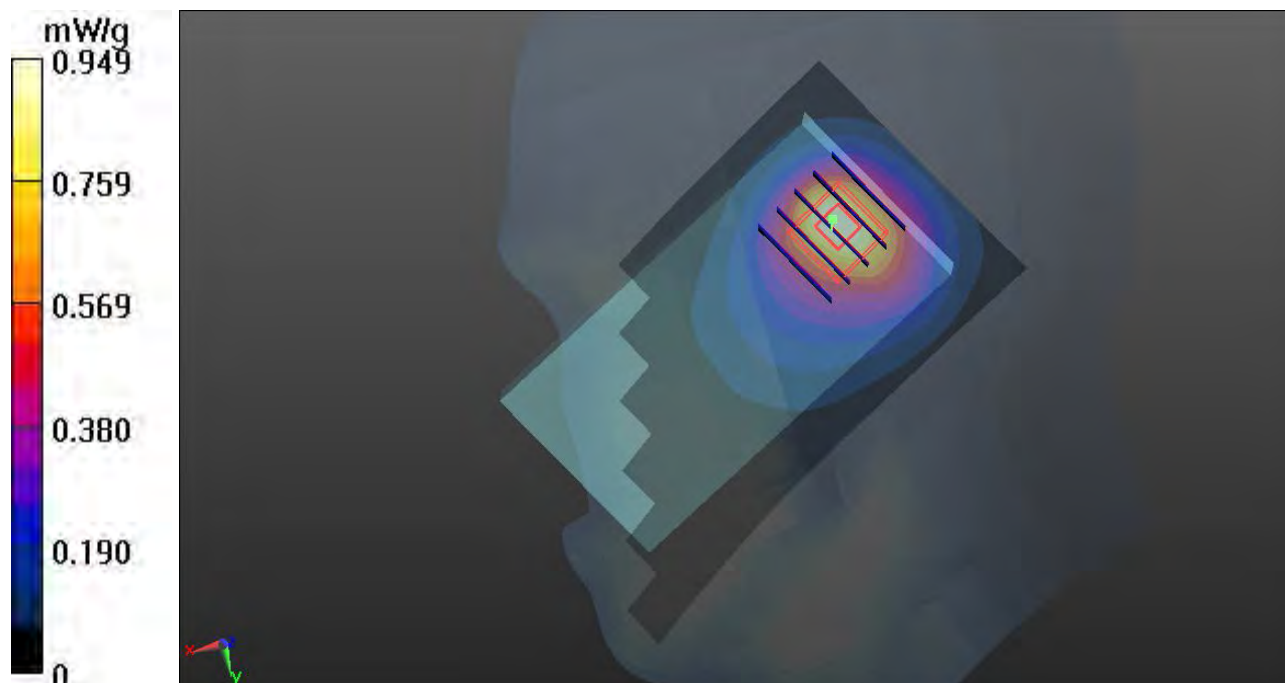
Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.243 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.4270

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.507 mW/g

Maximum value of SAR (measured) = 0.951 mW/g



09 LTE Band II QPSK_RB 25 13_Left Cheek_Ch18650**DUT: 230902**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41.235$; $\rho = 1000$ kg/m³

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

Ch18560/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.276 mW/g

Ch18560/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.826 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.0910

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.256 mW/g



10 LTE Band II QPSK_RB 25 13_Left Cheek_Ch19150**DUT: 230902**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$ 41.194; $\rho = 1000$ kg/m³

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

Ch19150/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.296 mW/g

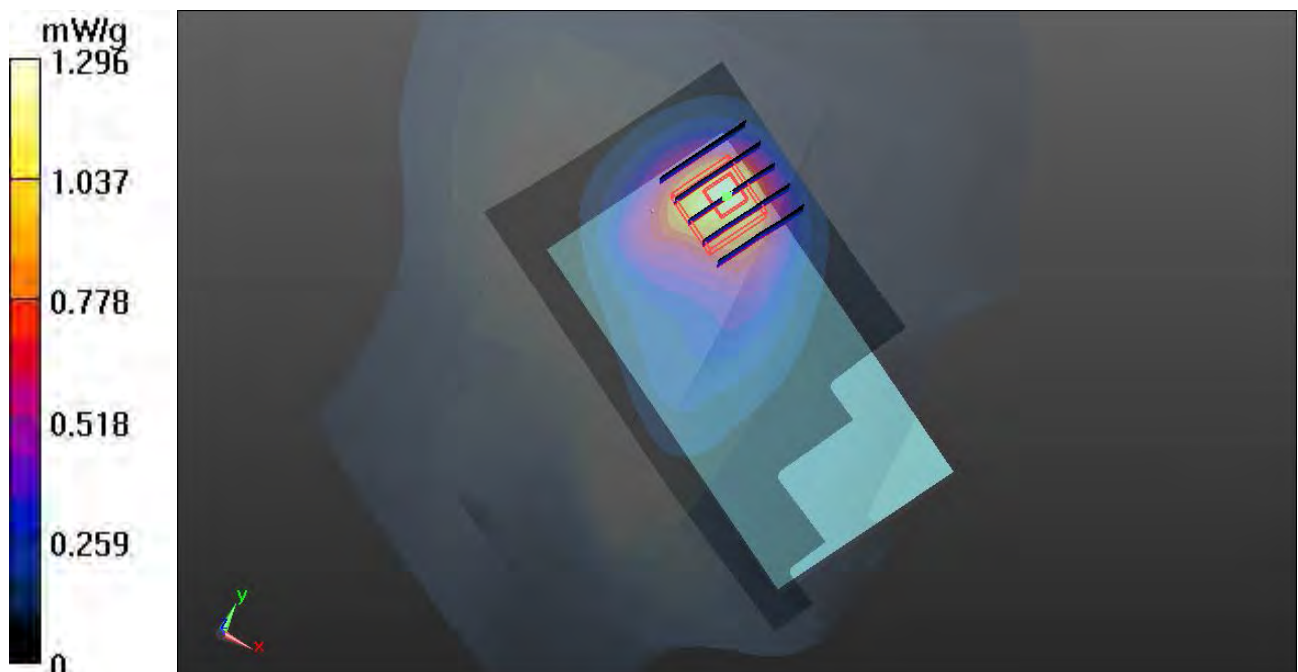
Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.953 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.1440

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.631 mW/g

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



241 LTE Band II _QPSK(25 13)_Left Tited_10M_Ch18650

DUT: 230902

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1855 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch18650/Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.826 mW/g

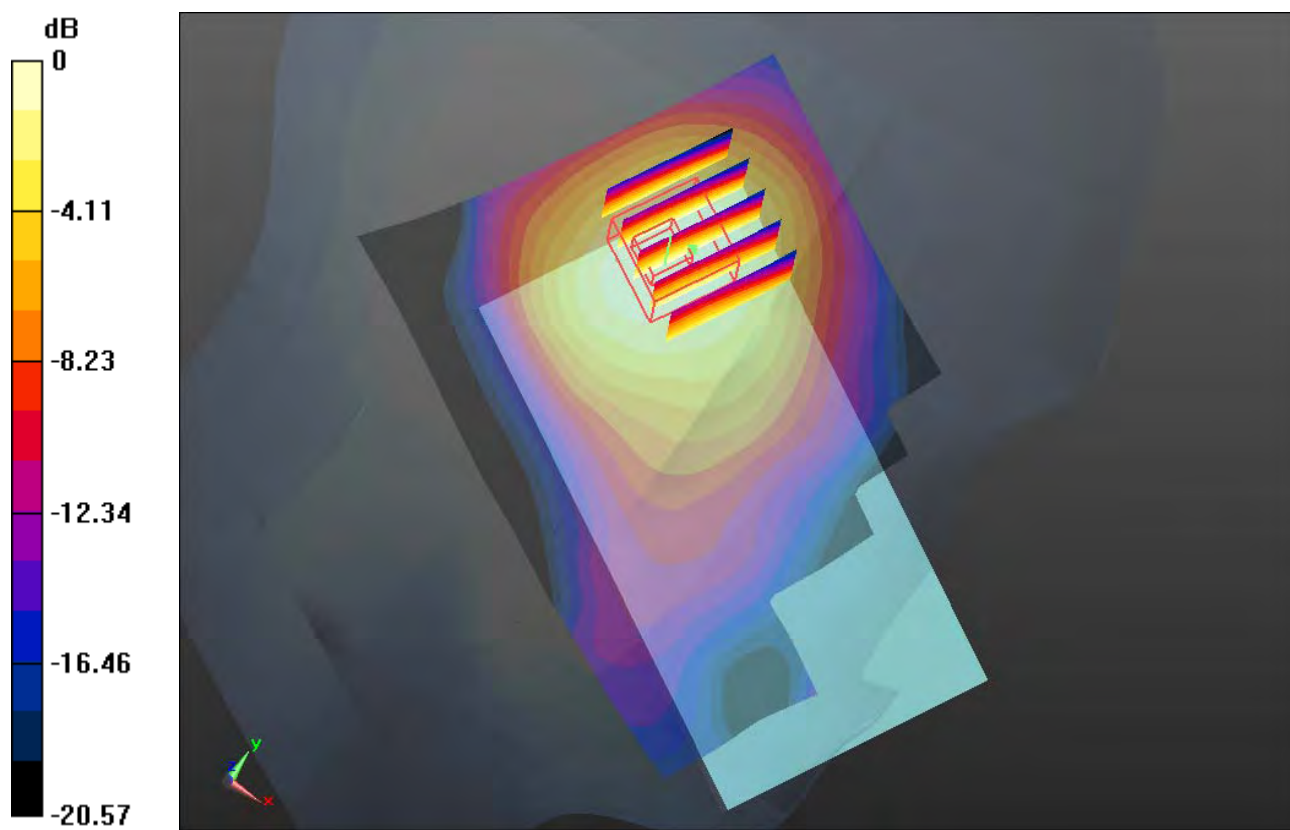
Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.266 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.174 W/kg

SAR(1 g) = 0.737 mW/g ; SAR(10 g) = 0.445 mW/g

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



0 dB = 0.790mW/g

242 LTE Band II _QPSK(25 13)_Left Tited_10M_Ch19150

DUT: 230902

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120420 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.432$ mho/m; $\epsilon_r =$

41.194; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch19150/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.800 mW/g

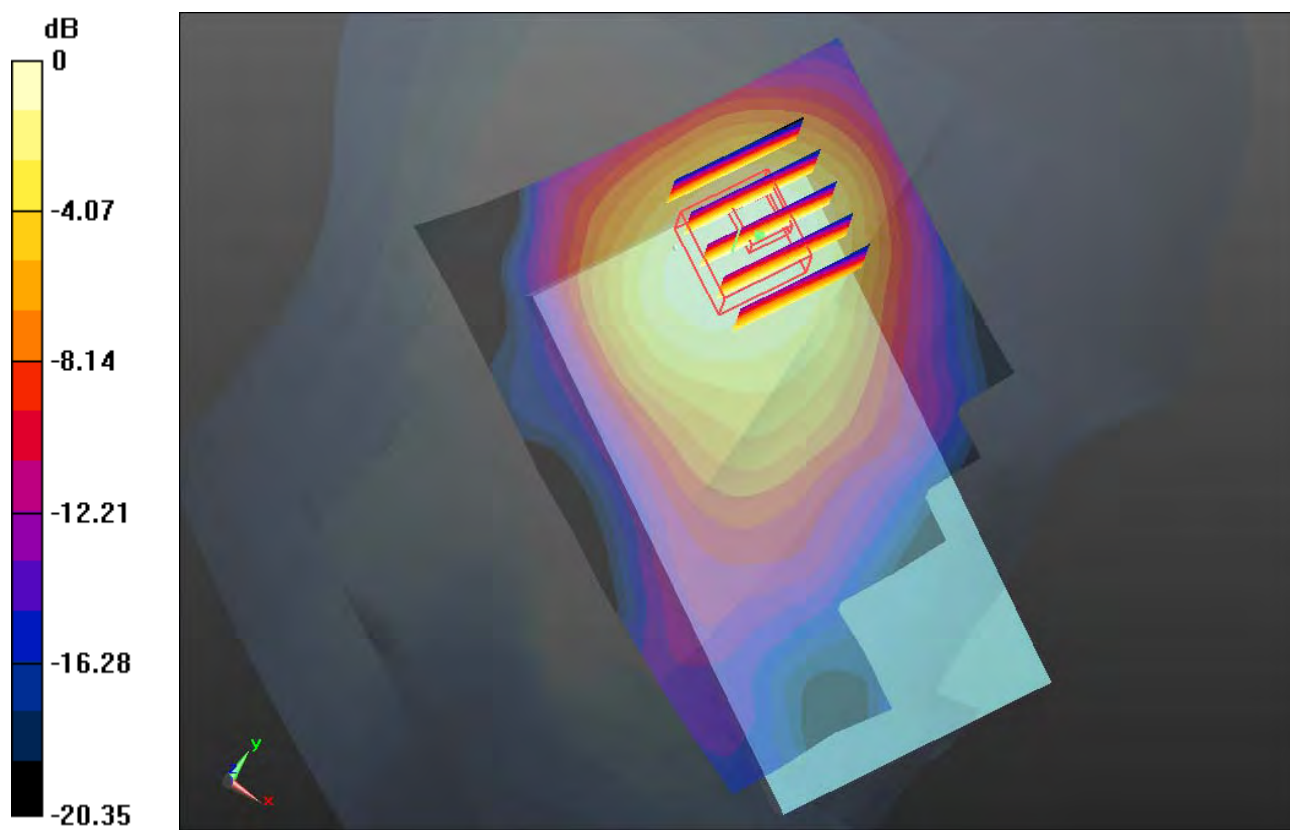
Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.099 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.178 W/kg

SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 0.707 mW/g



0 dB = 0.710mW/g

11 LTE Band II QPSK_RB 1 0_Right Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.164 mW/g

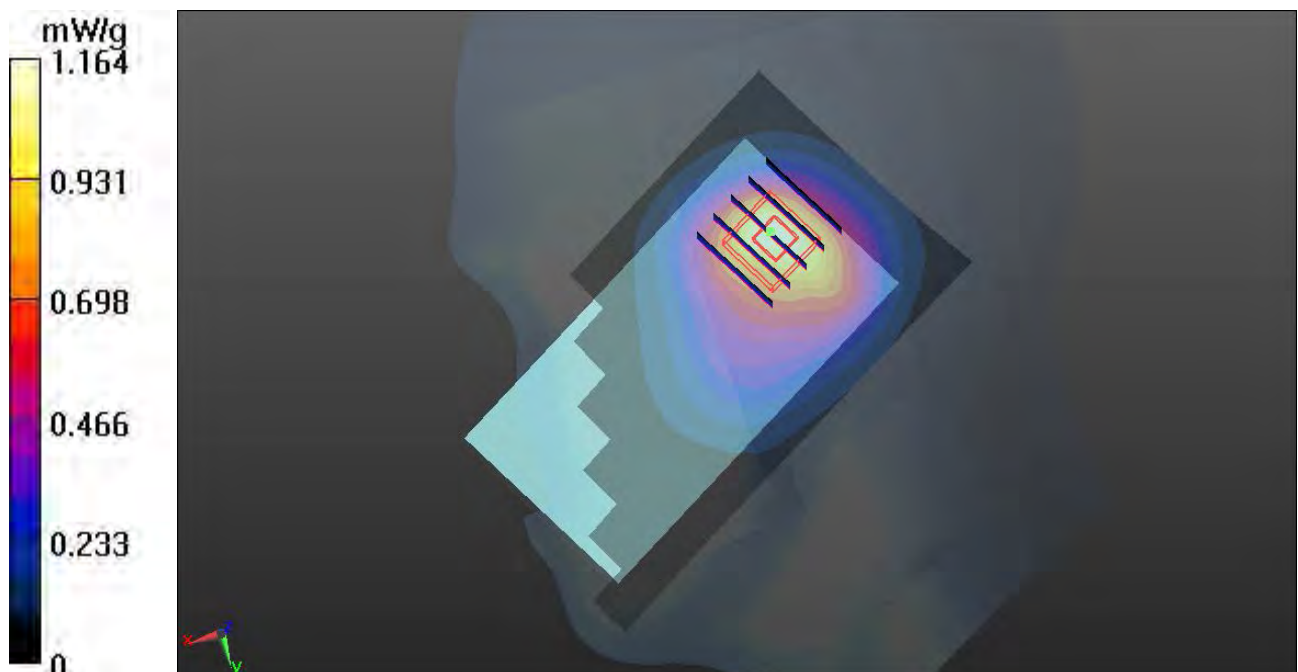
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.346 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.5770

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.608 mW/g

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



12 LTE Band II QPSK_RB 1 0_Right Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.179 mW/g

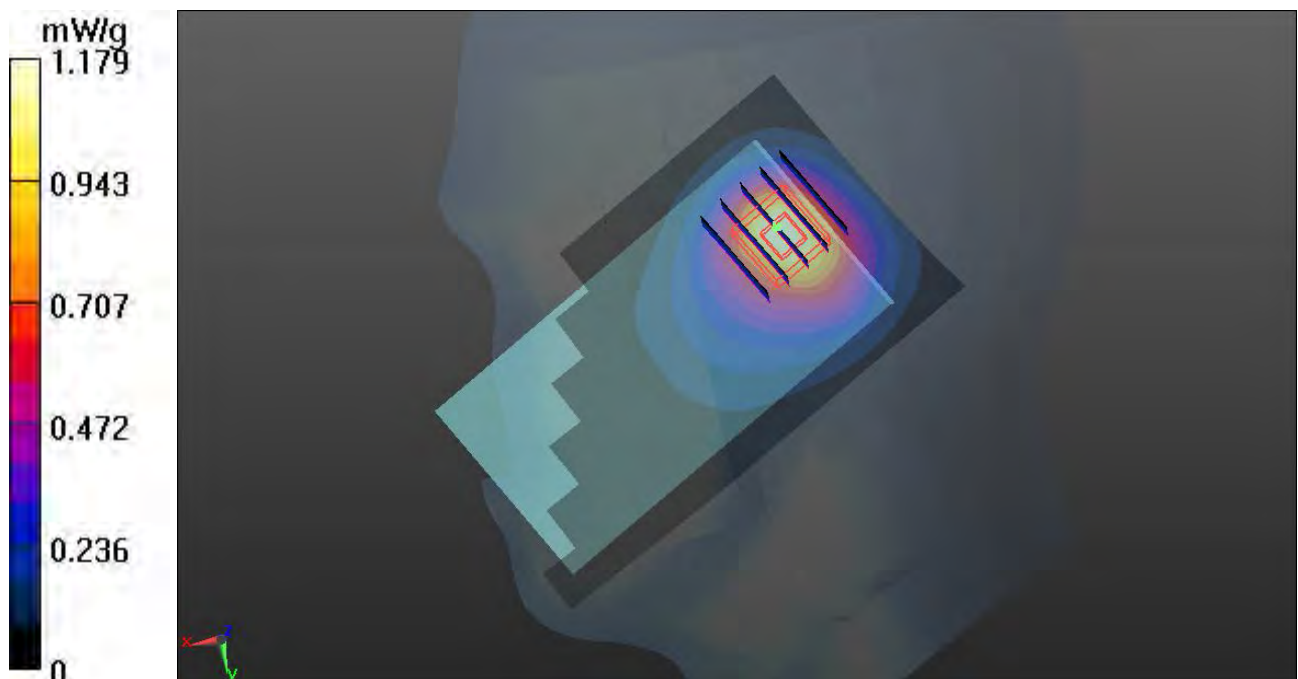
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.267 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.6650

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.603 mW/g

Maximum value of SAR (measured) = 1.121 mW/g



13 LTE Band II QPSK_RB 1 0_Left Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.390 mW/g

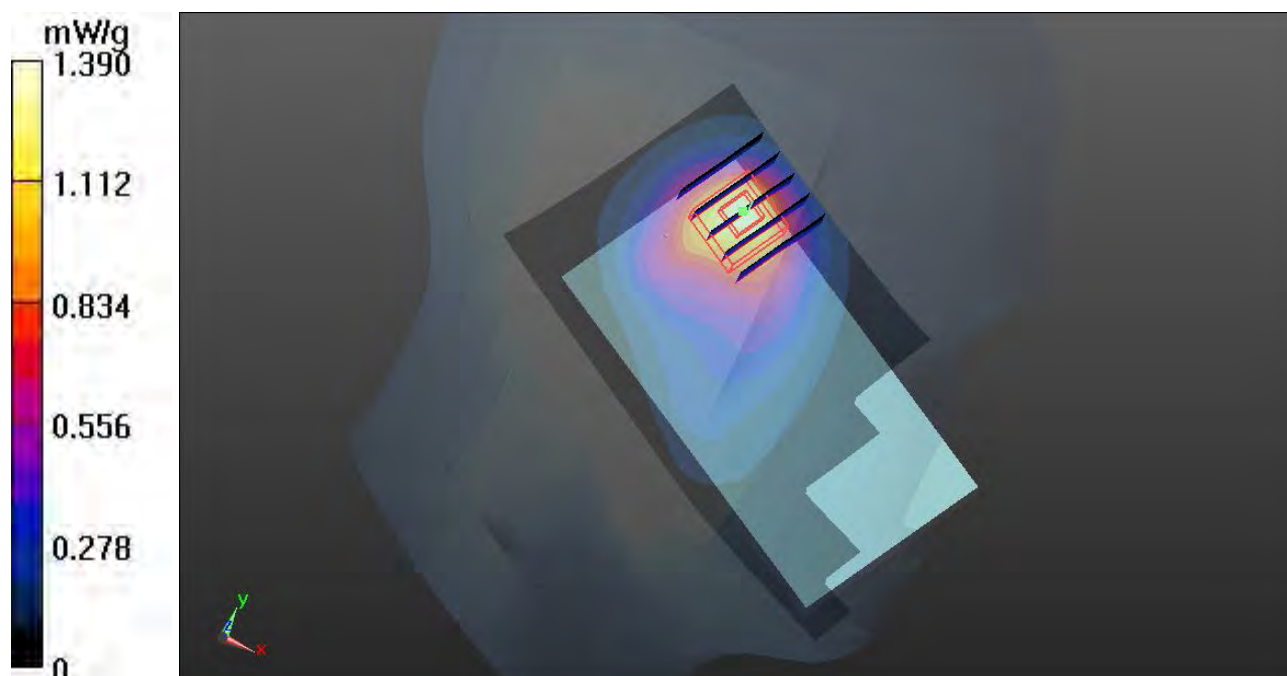
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.414 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.2180

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.678 mW/g

Maximum value of SAR (measured) = 1.322 mW/g



13 LTE Band II QPSK_RB 1 0_Left Cheek_Ch18900_2D**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.390 mW/g

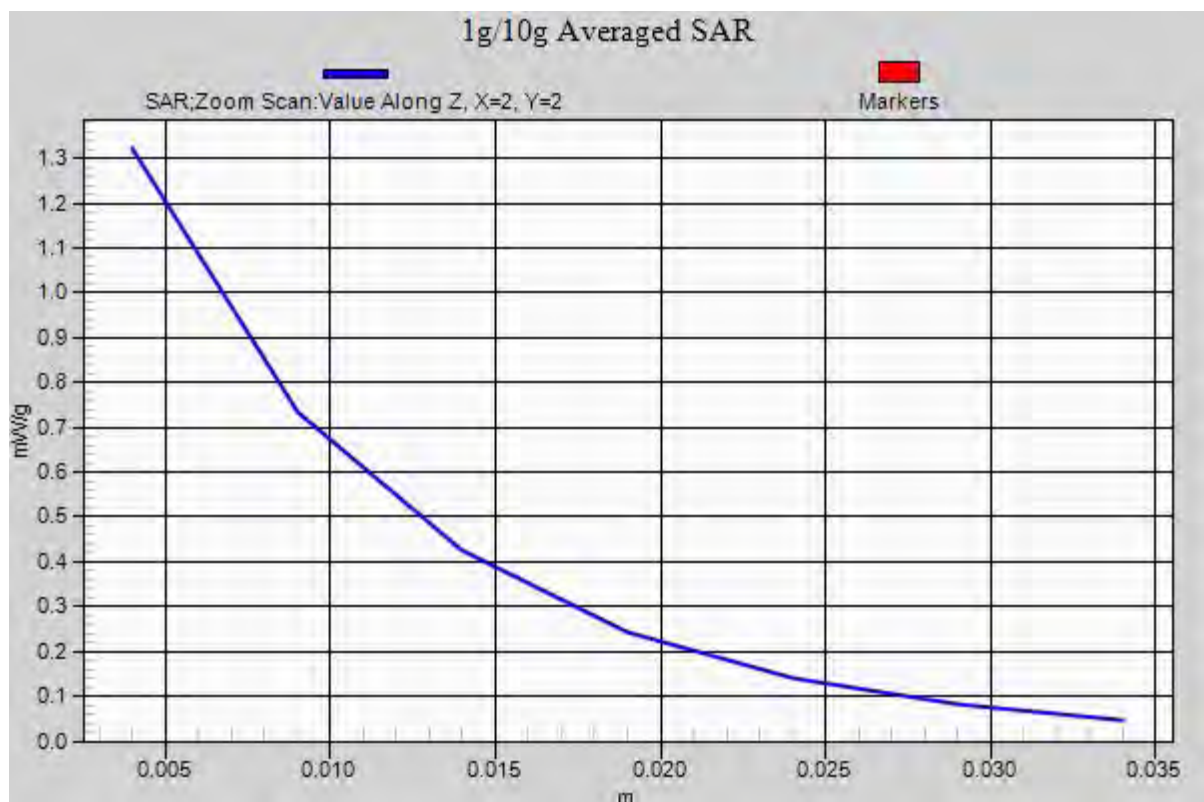
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.414 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.2180

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.678 mW/g

Maximum value of SAR (measured) = 1.322 mW/g



14 LTE Band II QPSK_RB 1 0_Left Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

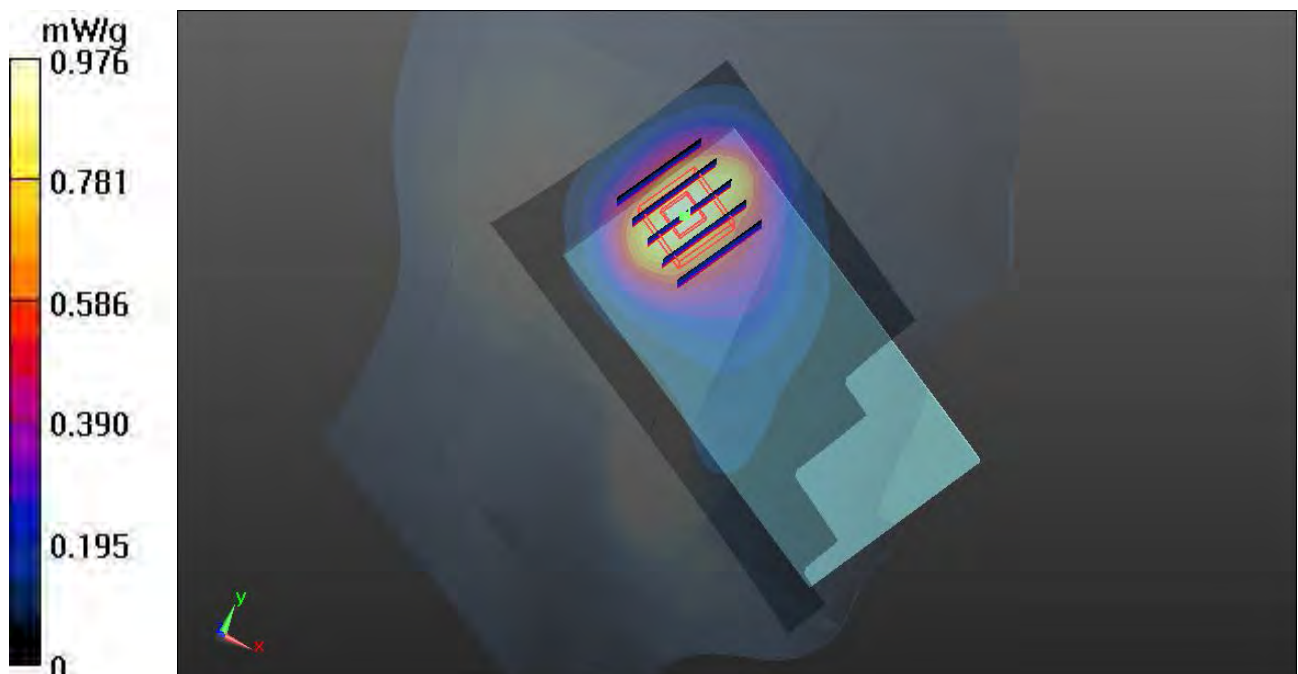
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.344 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.3600

SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.523 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



15 LTE Band II QPSK_RB 1 49_Right Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.142 mW/g

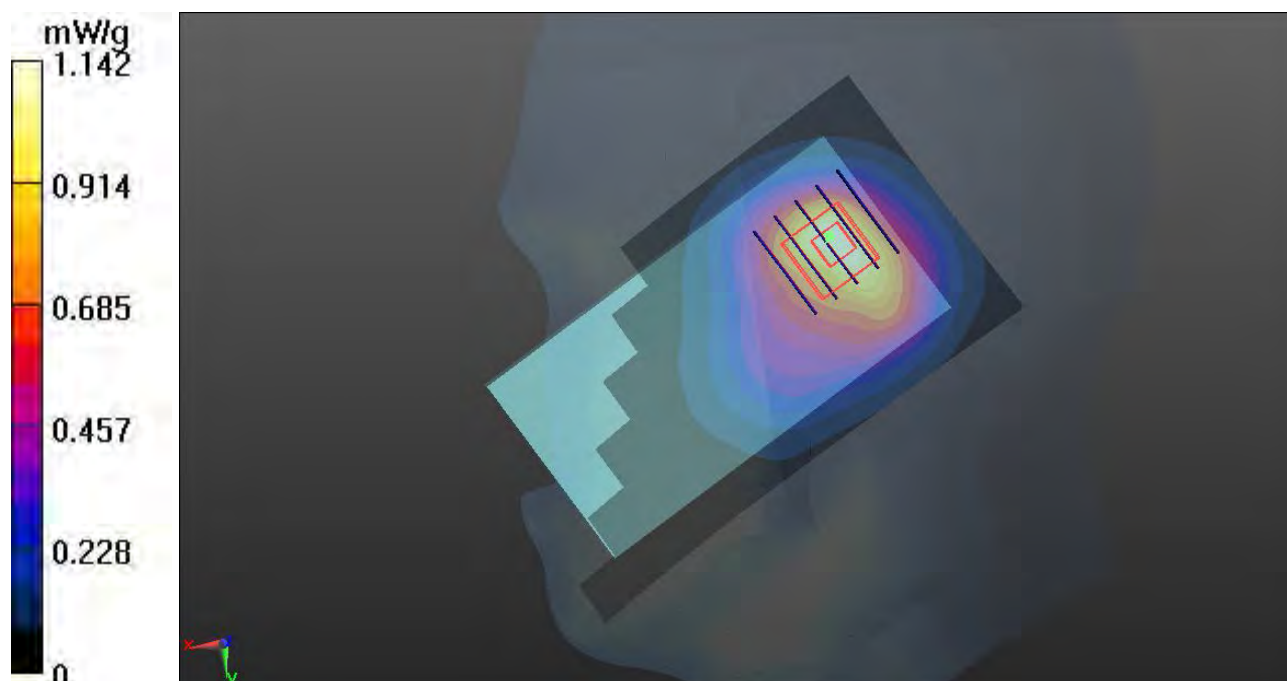
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.612 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.5980

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.614 mW/g

Maximum value of SAR (measured) = 1.104 mW/g



16 LTE Band II QPSK_RB 1 49_Right Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.108 mW/g

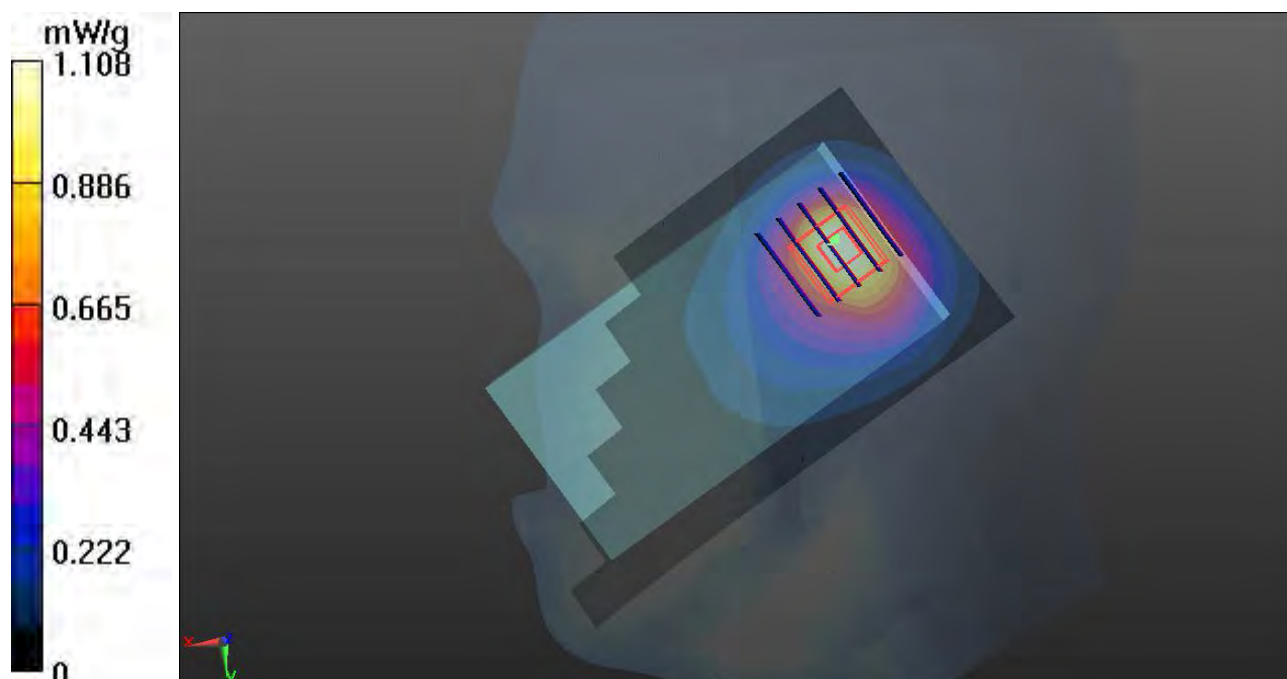
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.712 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.6470

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.599 mW/g

Maximum value of SAR (measured) = 1.103 mW/g



17 LTE Band II QPSK_RB 1 49_Left Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.433 mW/g

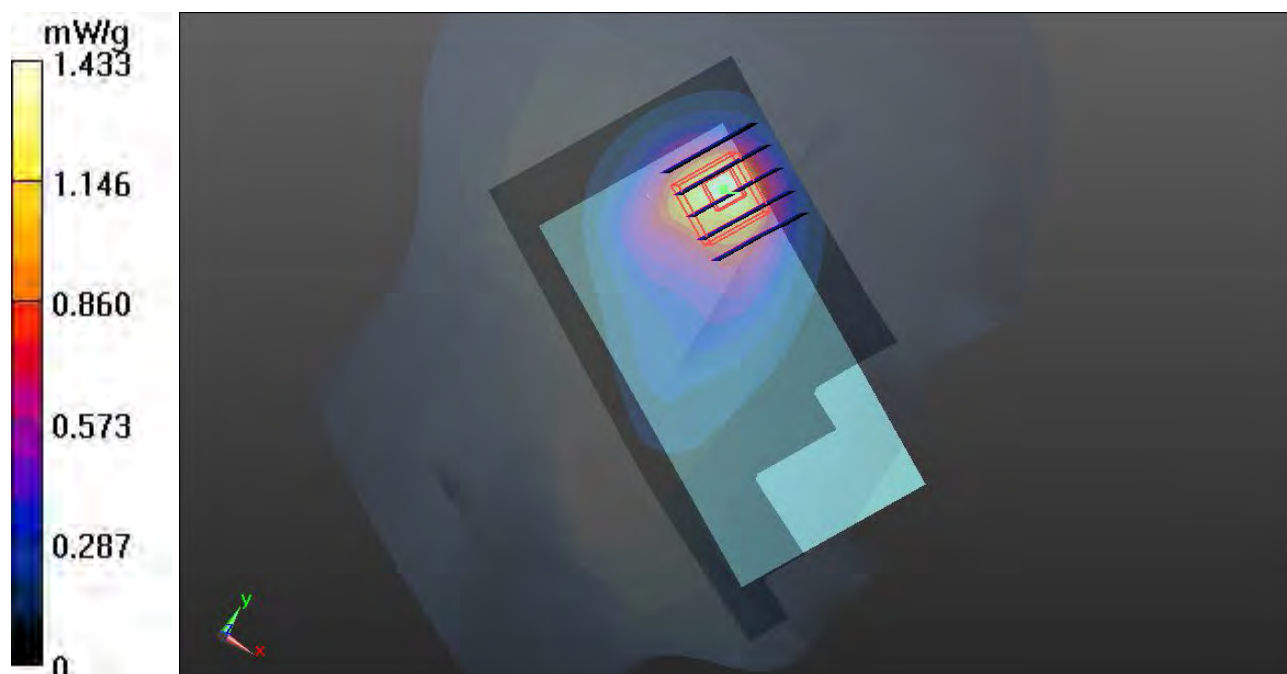
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.486 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.2930

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.374 mW/g



17 LTE Band II QPSK_RB 1 49_Left Cheek_Ch18900_2D**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.433 mW/g

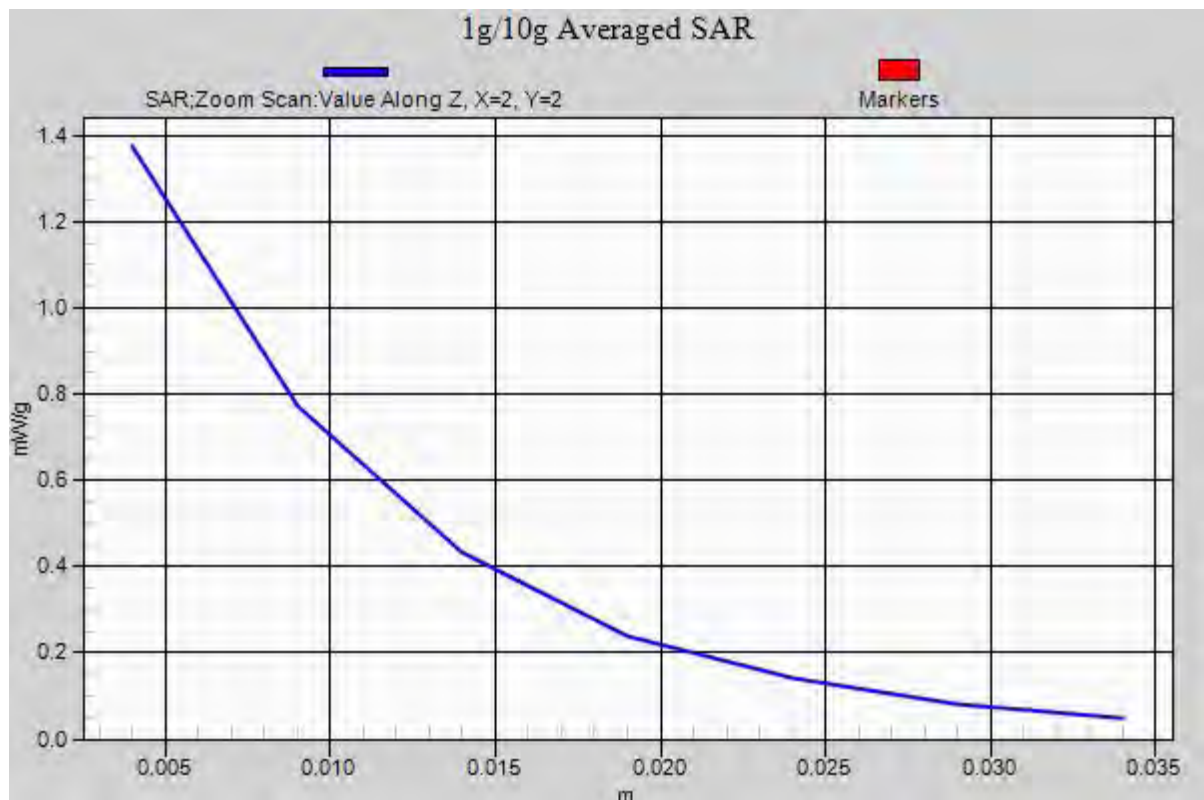
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.486 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.2930

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.374 mW/g



18 LTE Band II QPSK_RB 1 49_Left Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.984 mW/g

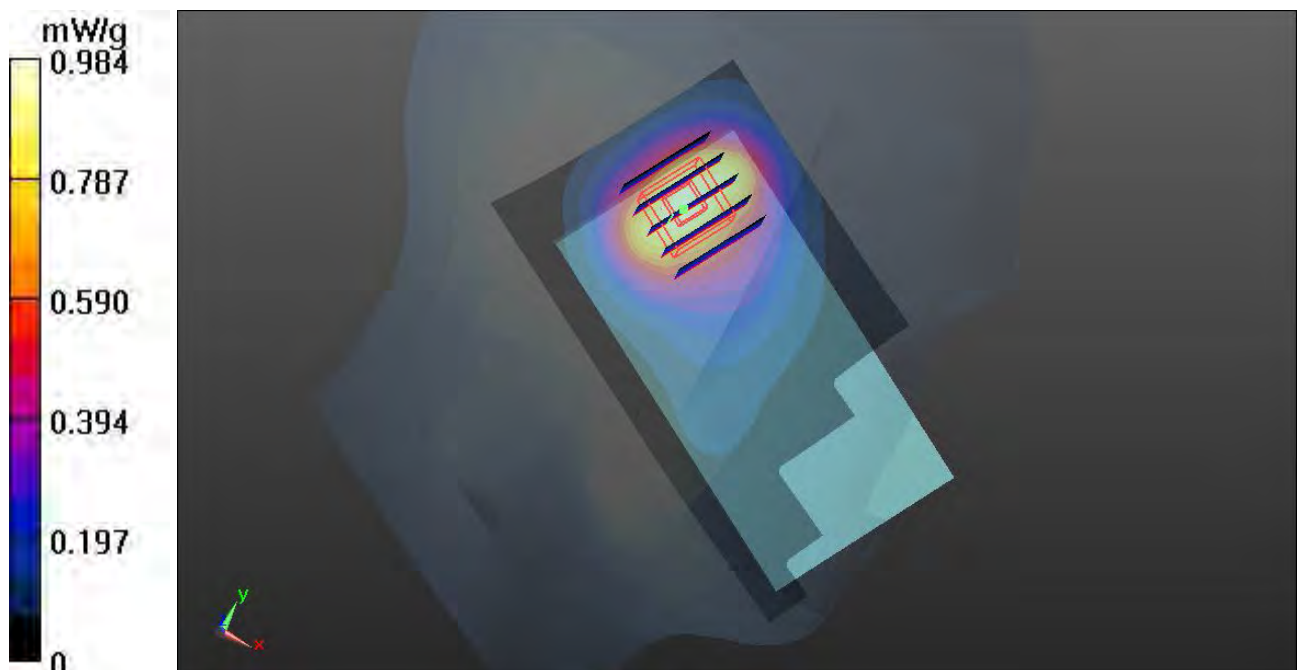
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.720 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.4040

SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



19 LTE Band II 16-QAM_RB 25 13_Right Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.878 mW/g

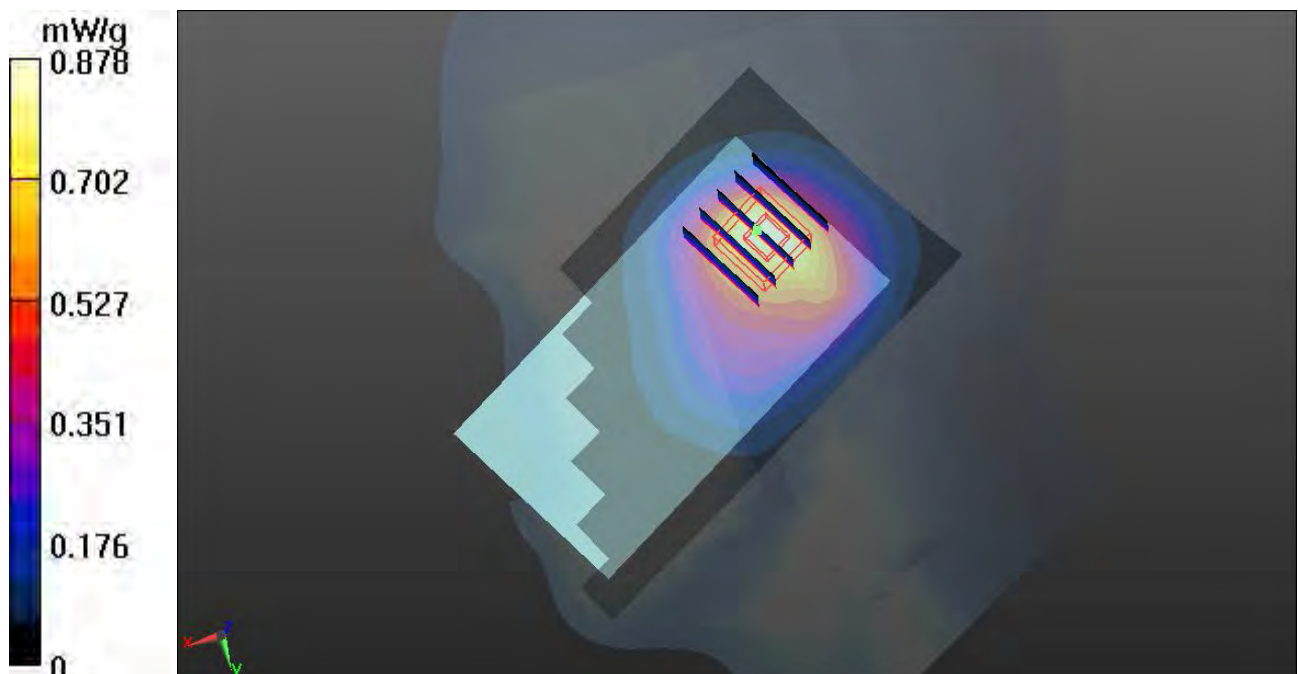
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.118 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.2860

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.882 mW/g



20 LTE Band II 16-QAM_RB 25 13_Right Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.873 mW/g

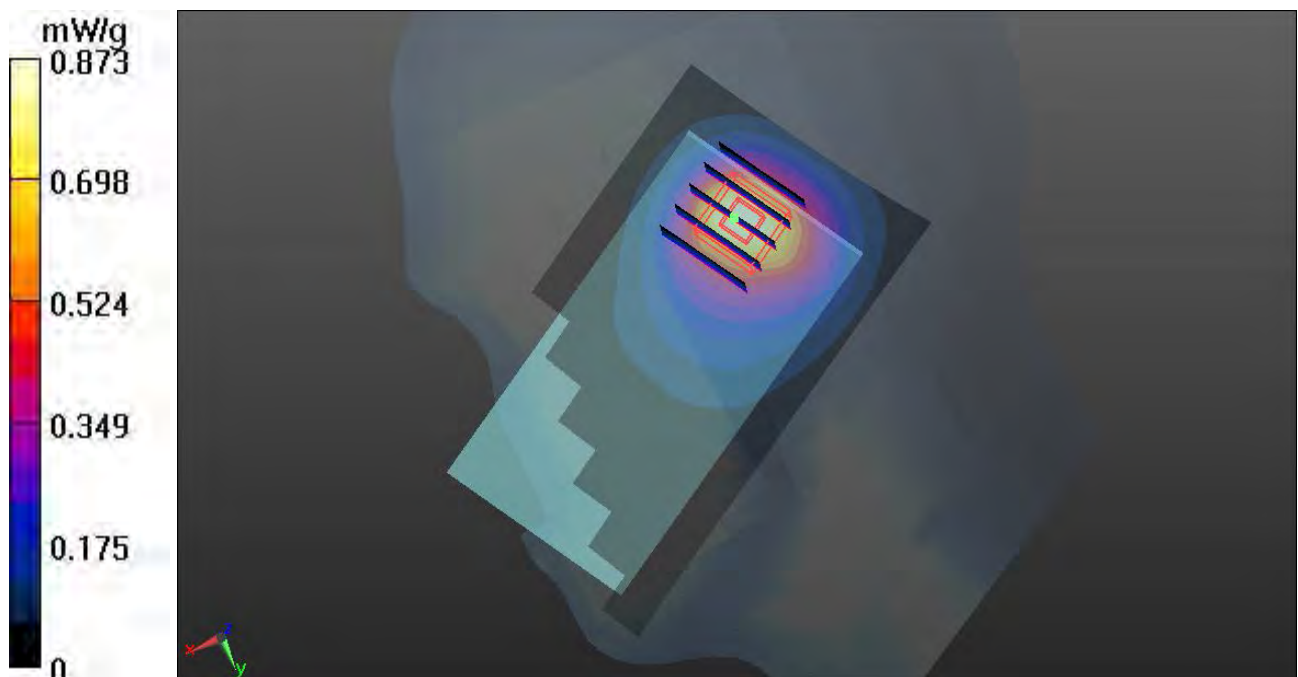
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.402 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.2520

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.840 mW/g



21 LTE Band II 16-QAM_RB 25 13_Left Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.144 mW/g

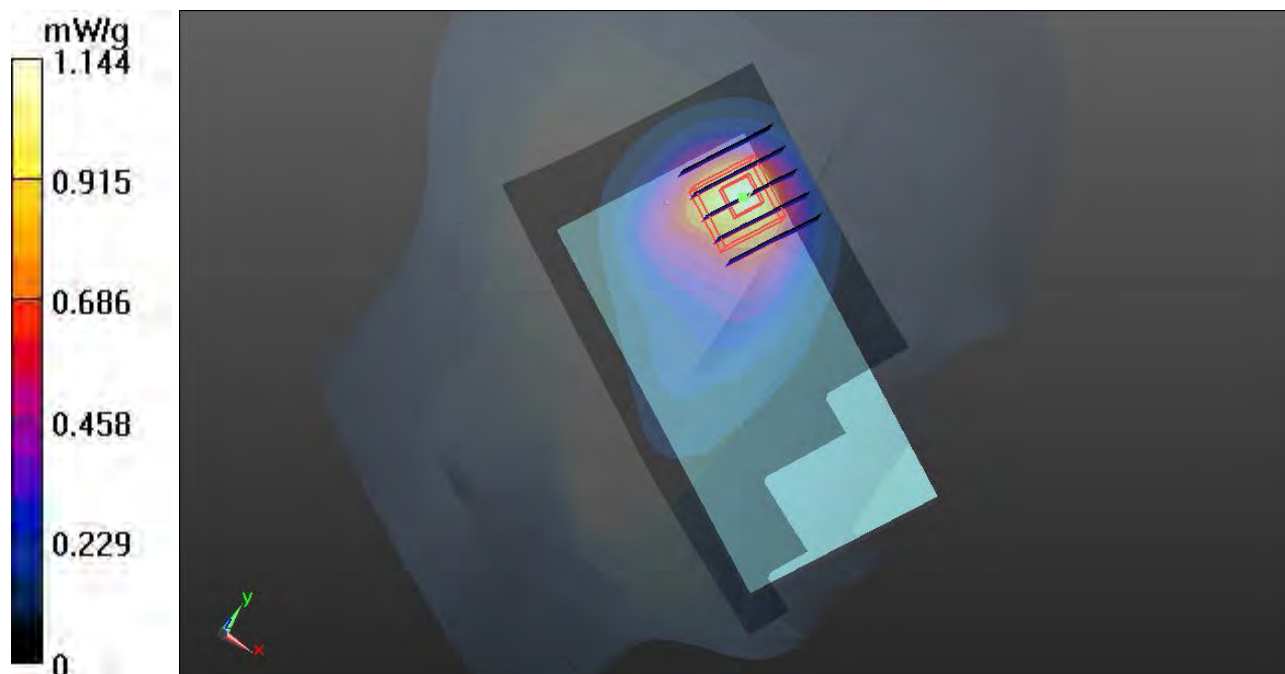
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.381 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.9300

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 1.151 mW/g



21 LTE Band II 16-QAM_RB 25 13_Left Cheek_Ch18900_2D**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.144 mW/g

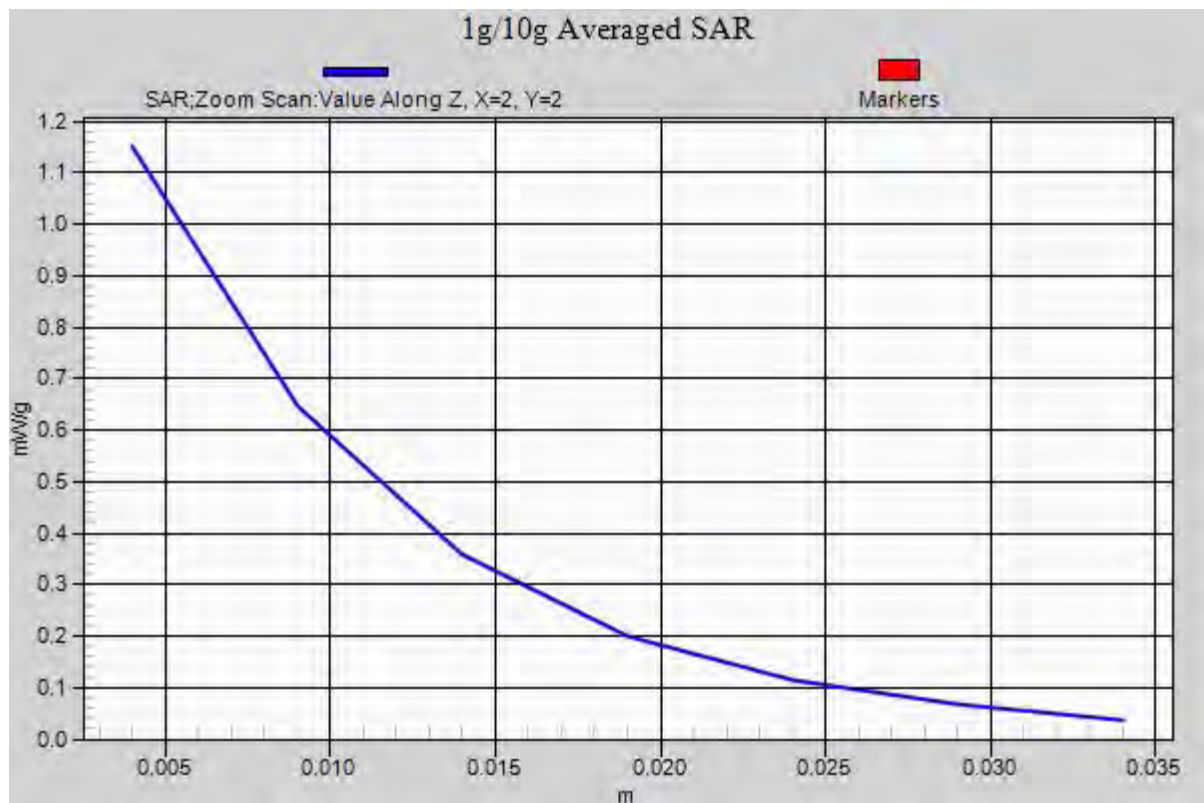
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.381 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.9300

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 1.151 mW/g



22 LTE Band II 16-QAM_RB 25 13_Left Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.786 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.892 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.1760

SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.729 mW/g



23 LTE Band II 16-QAM_RB 1 0_Right Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.189 mW/g

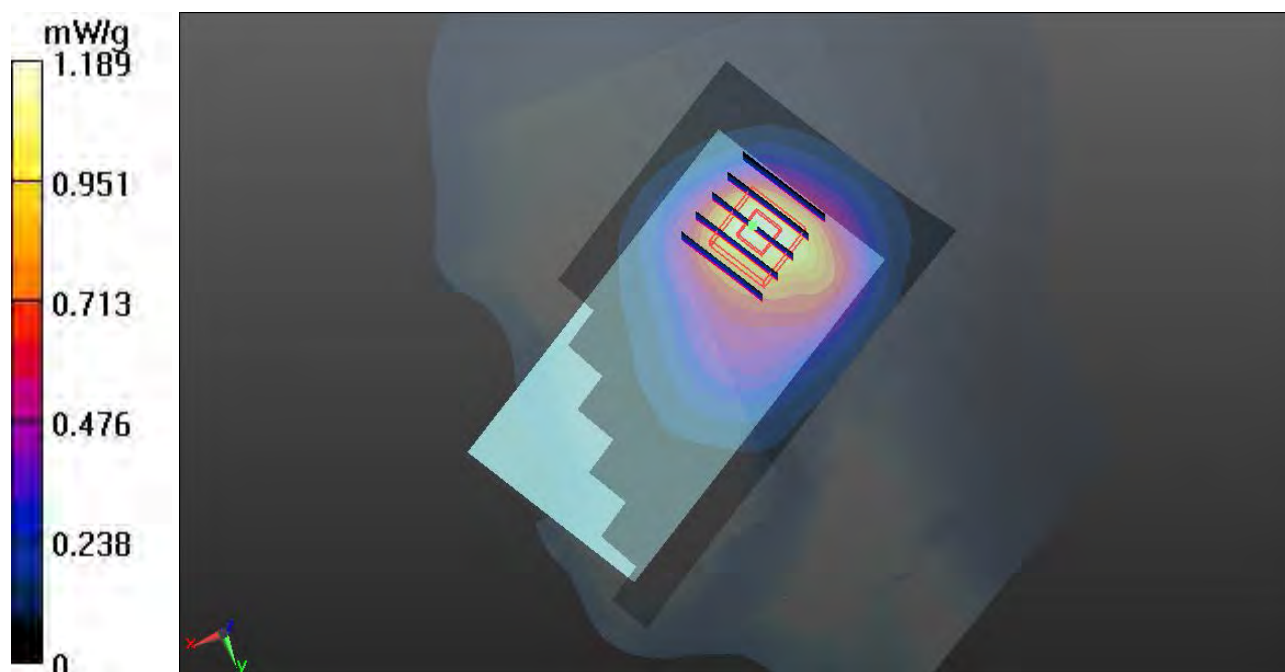
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.432 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.7120

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 1.188 mW/g



24 LTE Band II 16-QAM_RB 1 0_Right Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.130 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.352 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.6550

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.602 mW/g

Maximum value of SAR (measured) = 1.086 mW/g



25 LTE Band II 16-QAM_RB 1 0_Left Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.506 mW/g

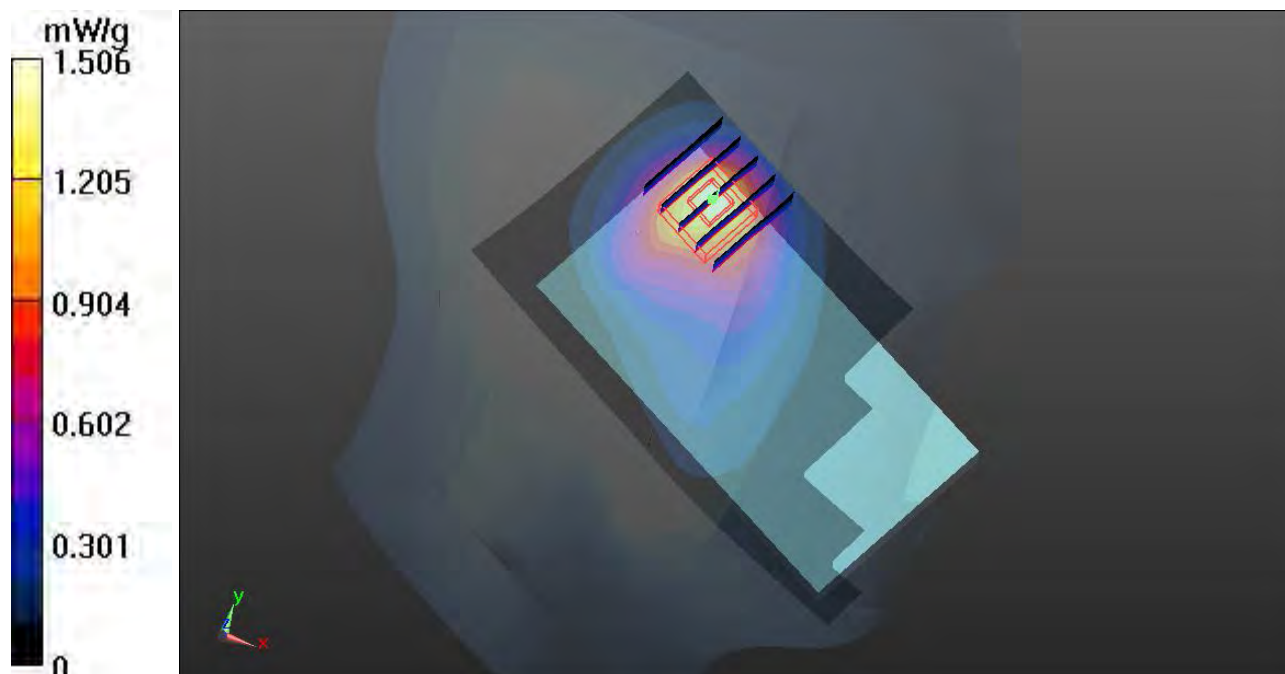
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.191 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.4820

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.751 mW/g

Maximum value of SAR (measured) = 1.499 mW/g



25 LTE Band II 16-QAM_RB 1 0_Left Cheek_Ch18900_2D**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.506 mW/g

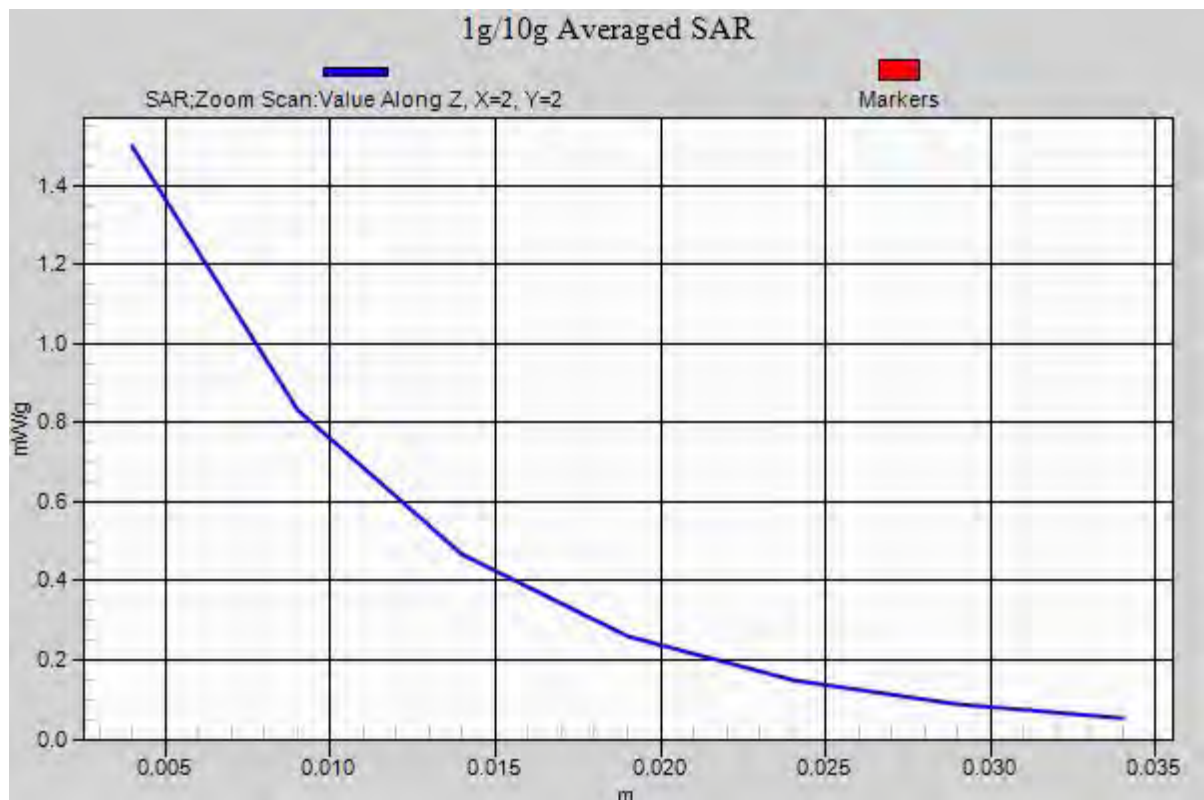
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.191 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.4820

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.751 mW/g

Maximum value of SAR (measured) = 1.499 mW/g



26 LTE Band II 16-QAM_RB 1 0_Left Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.059 mW/g

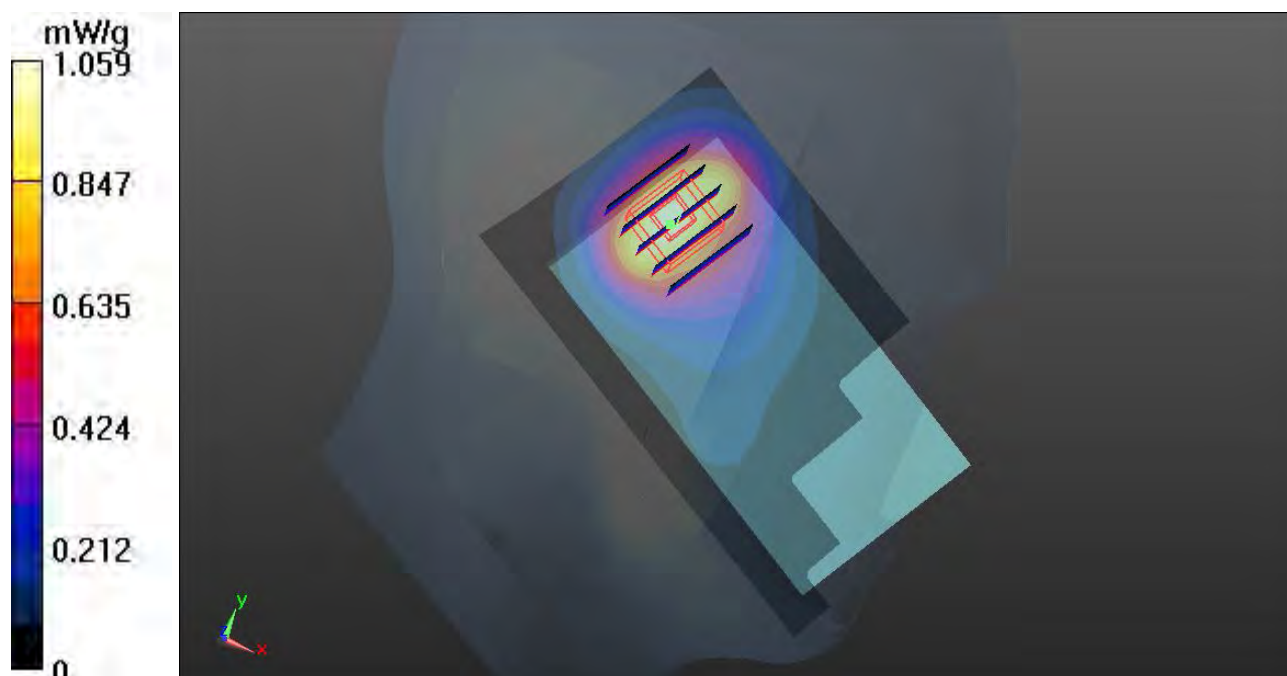
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.377 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.5490

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.576 mW/g

Maximum value of SAR (measured) = 1.023 mW/g



27 LTE Band II 16-QAM_RB 1 49_Right Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.224 mW/g

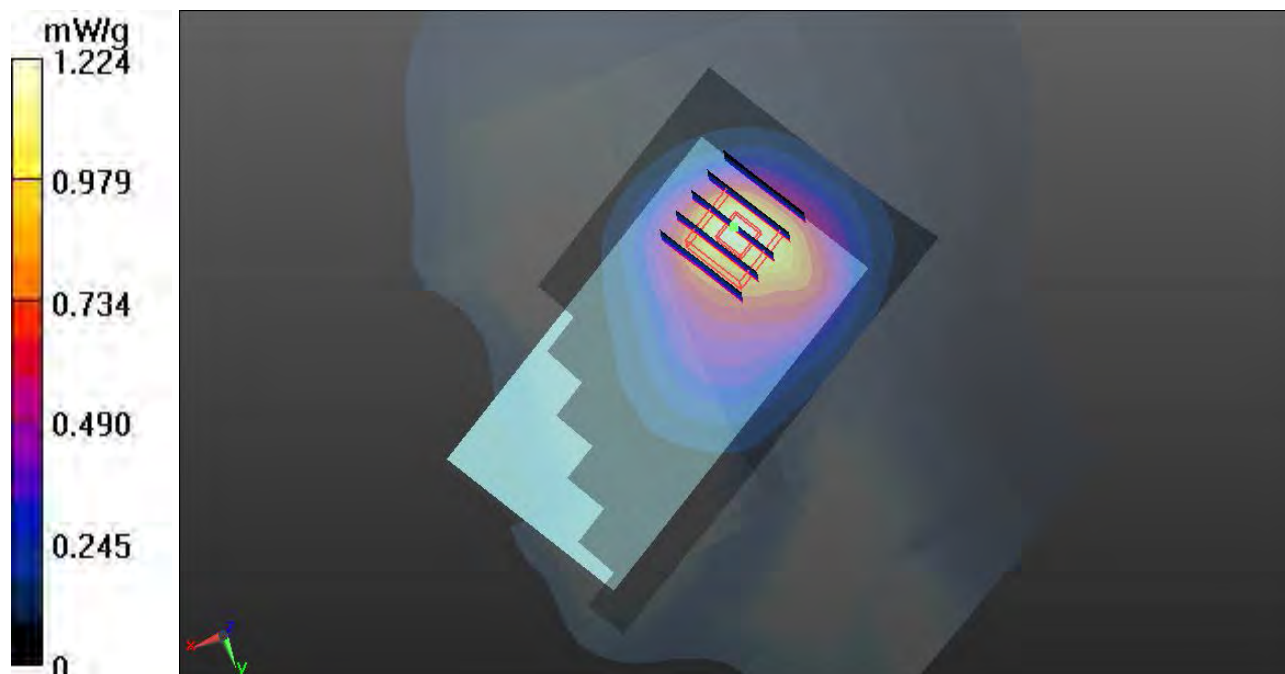
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.163 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.7220

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.660 mW/g

Maximum value of SAR (measured) = 1.191 mW/g



28 LTE Band II 16-QAM_RB 1 49_Right Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.164 mW/g

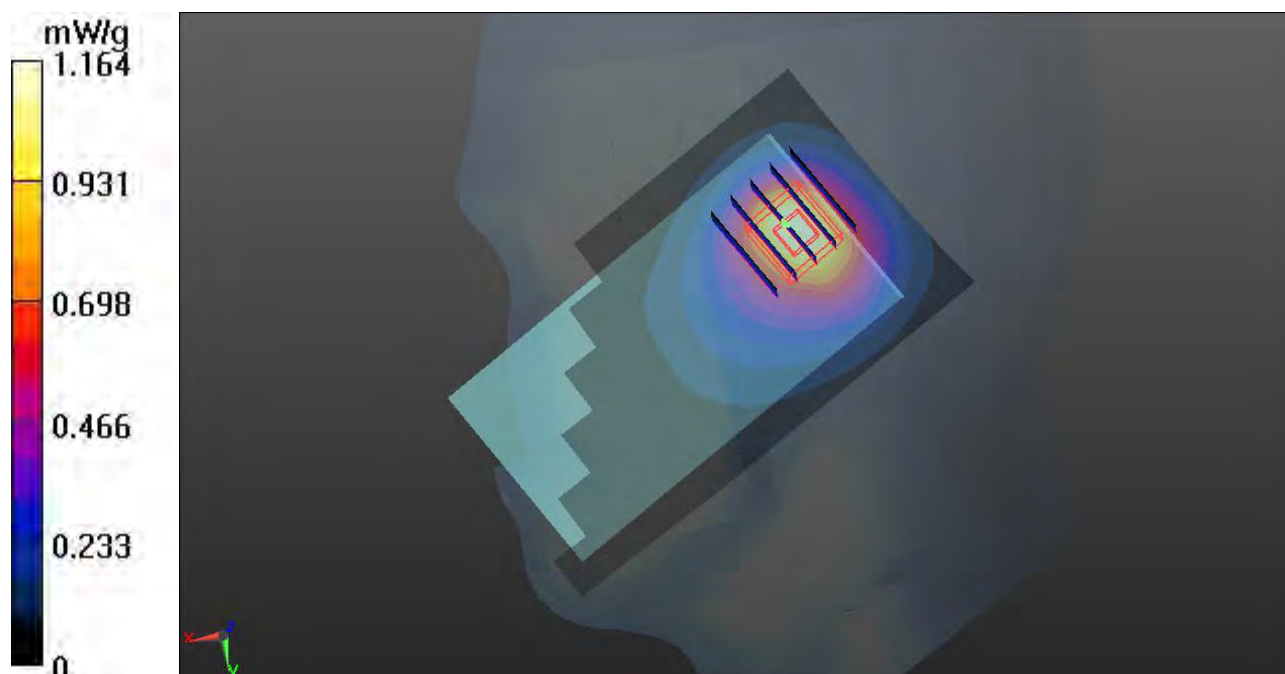
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.246 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.7400

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 1.155 mW/g



29 LTE Band II 16-QAM_RB 1 49_Left Cheek_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.565 mW/g

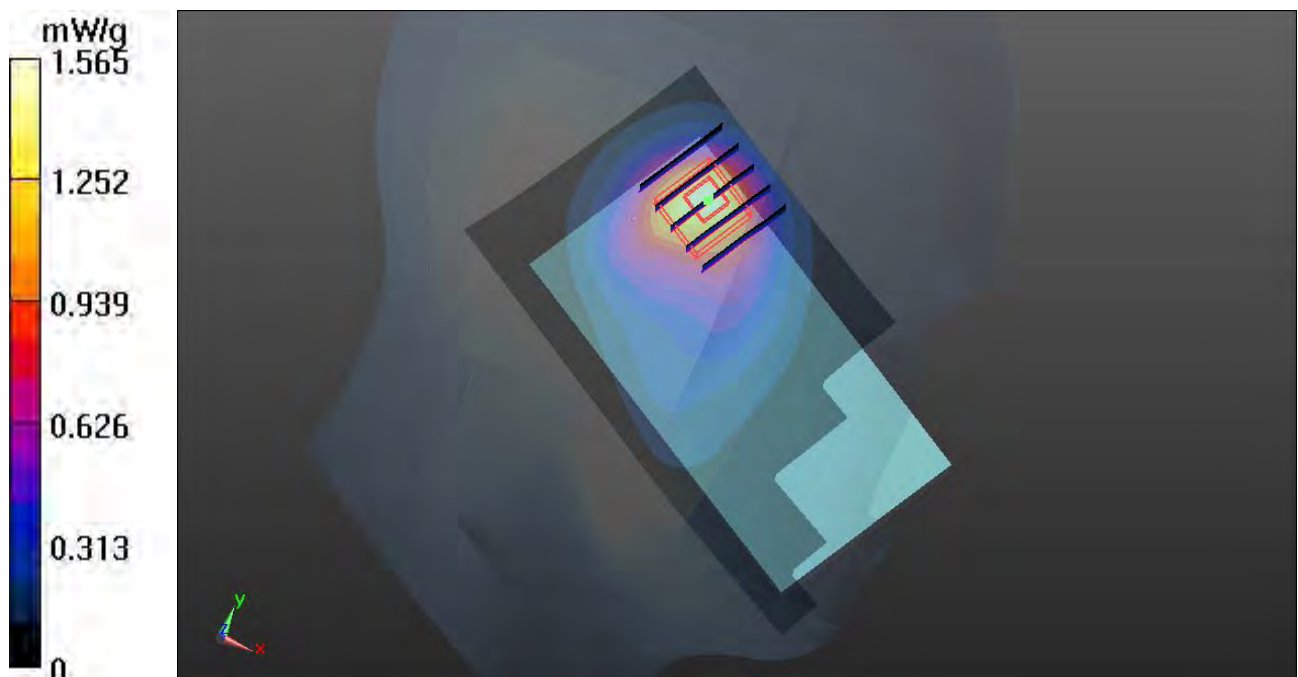
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.589 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.6040

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.757 mW/g

Maximum value of SAR (measured) = 1.578 mW/g



29 LTE Band II 16-QAM_RB 1 49_Left Cheek_Ch18900_2D**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.565 mW/g

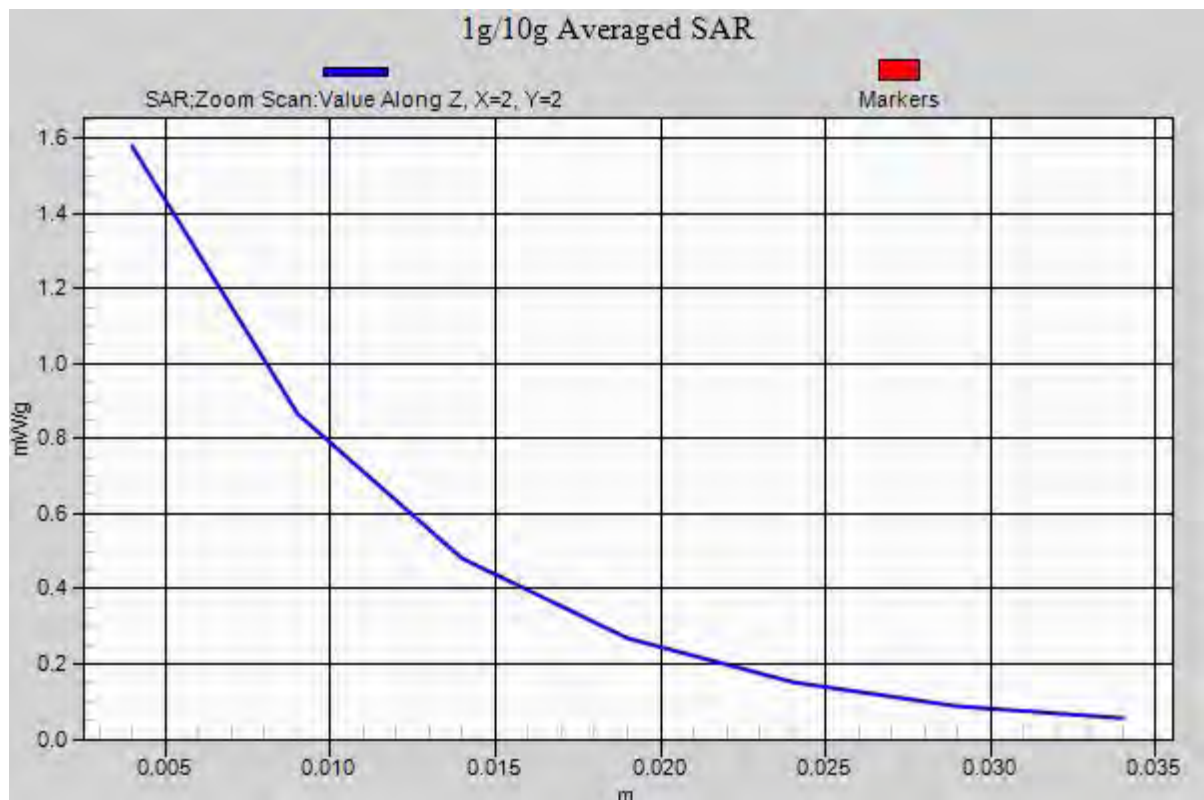
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.589 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.6040

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.757 mW/g

Maximum value of SAR (measured) = 1.578 mW/g



30 LTE Band II 16-QAM_RB 1 49_Left Tilted_Ch18900**DUT: 230902**

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

Medium: HSL_1900_120420 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ mho/m; $\epsilon_r =$ 41.184; $\rho = 1000$ kg/m³

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

Ch18900/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

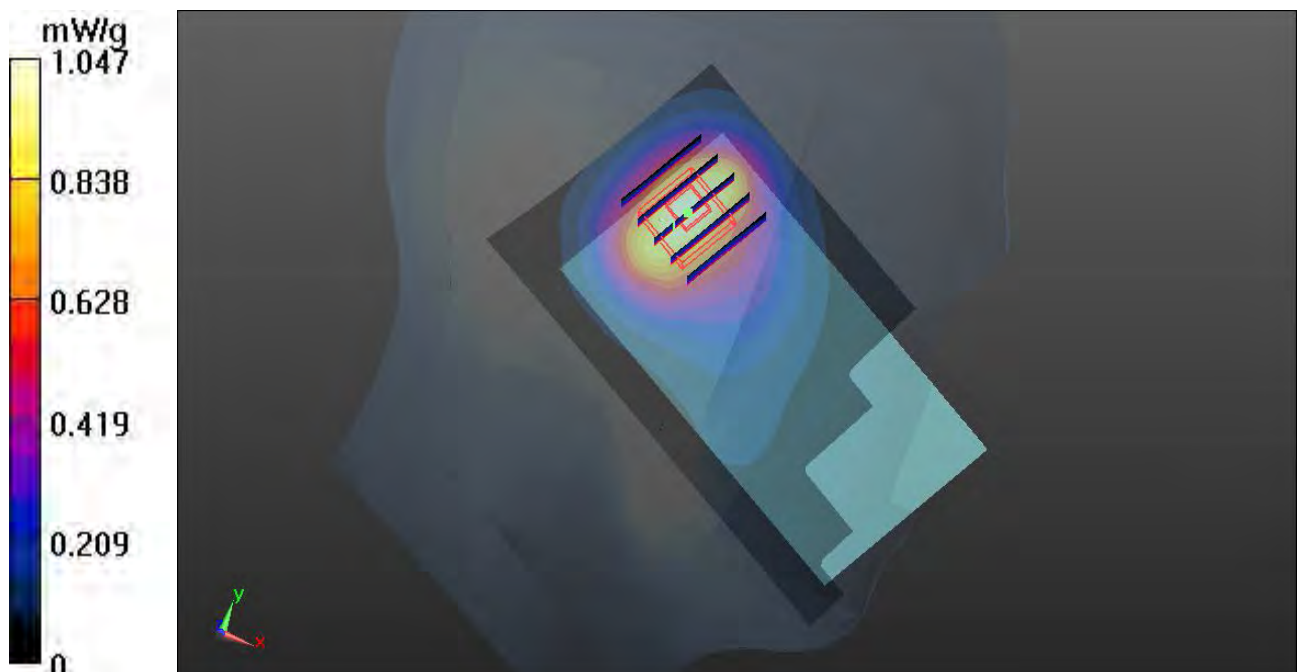
Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.428 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.5370

SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.974 mW/g



229 802.11b_Right Check_1CM_1M_Ch1

DUT: 230902

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

Medium: HSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

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

Reference Value = 2.120 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.015 mW/g

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

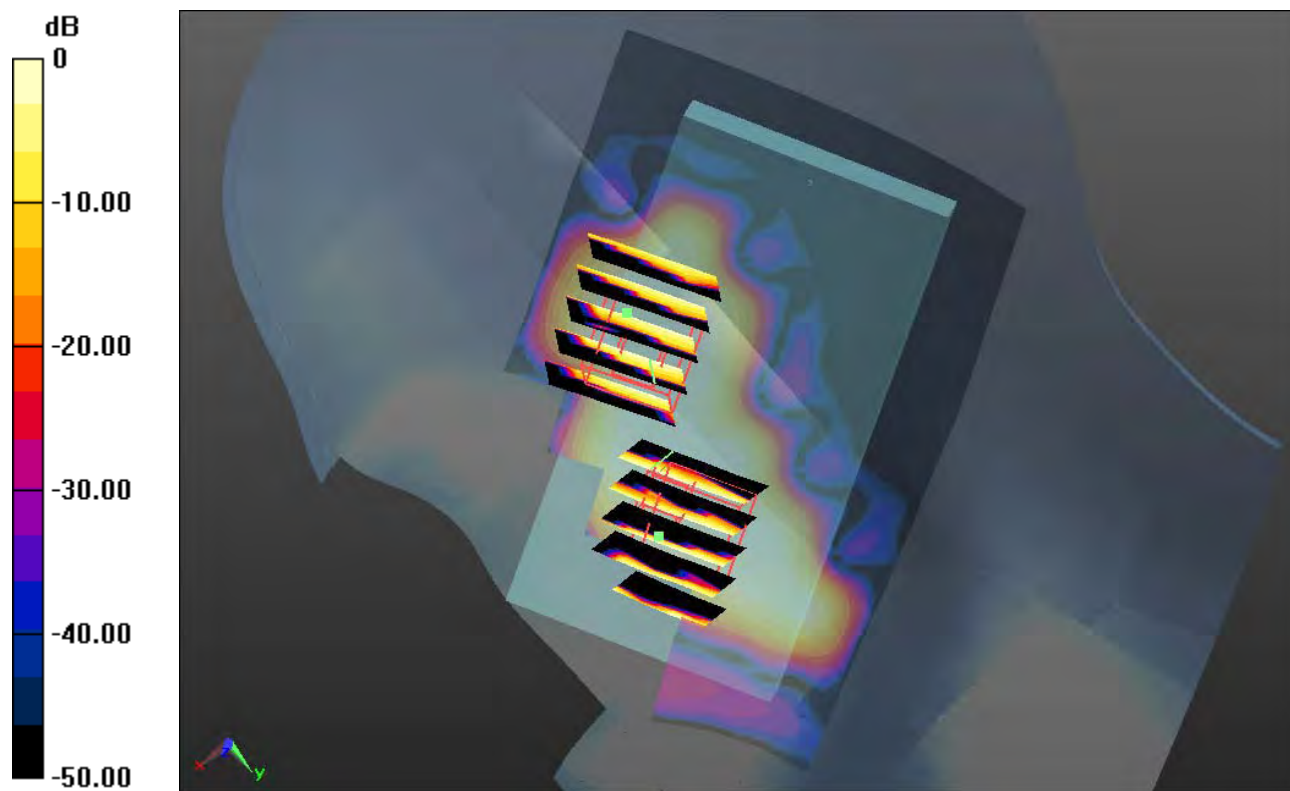
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.120 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.00773 mW/g

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



0 dB = 0.040mW/g

230 802.11b_Right Tited_1CM_1M_Ch1

DUT: 230902

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

Medium: HSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r = 39.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.034 mW/g

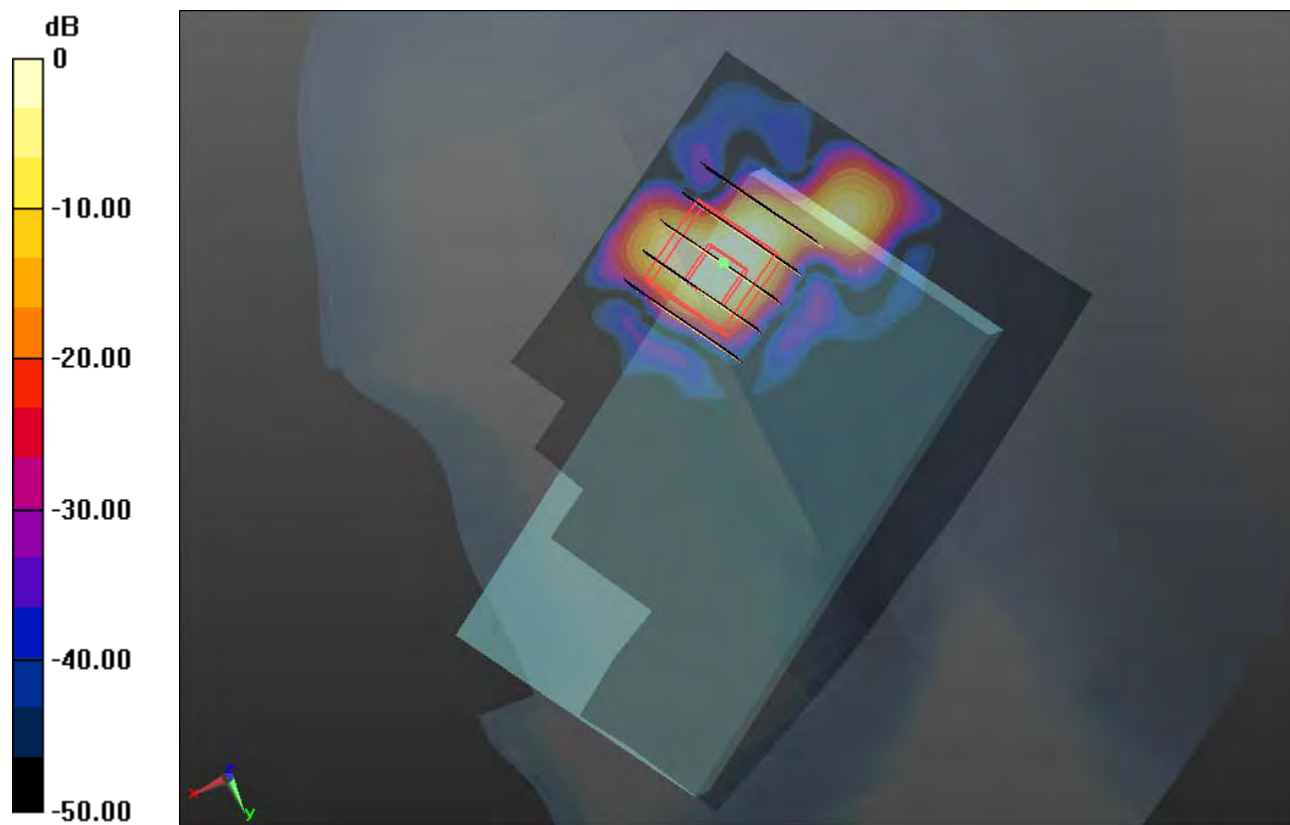
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.745 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00743 mW/g

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



0 dB = 0.020mW/g

231 802.11b_Left Check_1CM_1M_Ch1

DUT: 230902

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

Medium: HSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.051 mW/g

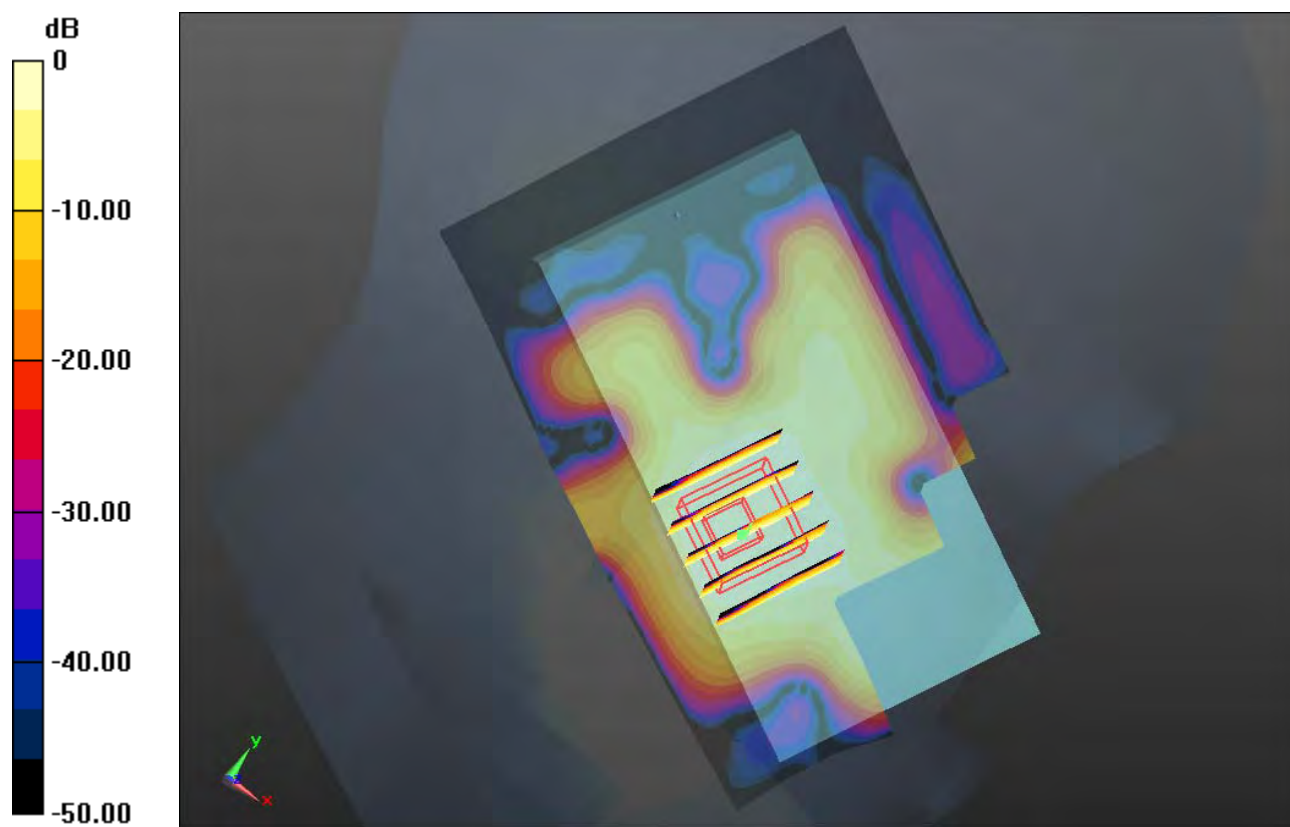
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.456 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g

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



0 dB = 0.040mW/g

231 802.11b_Left Check_1CM_1M_Ch1_2D

DUT: 230902

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

Medium: HSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.051 mW/g

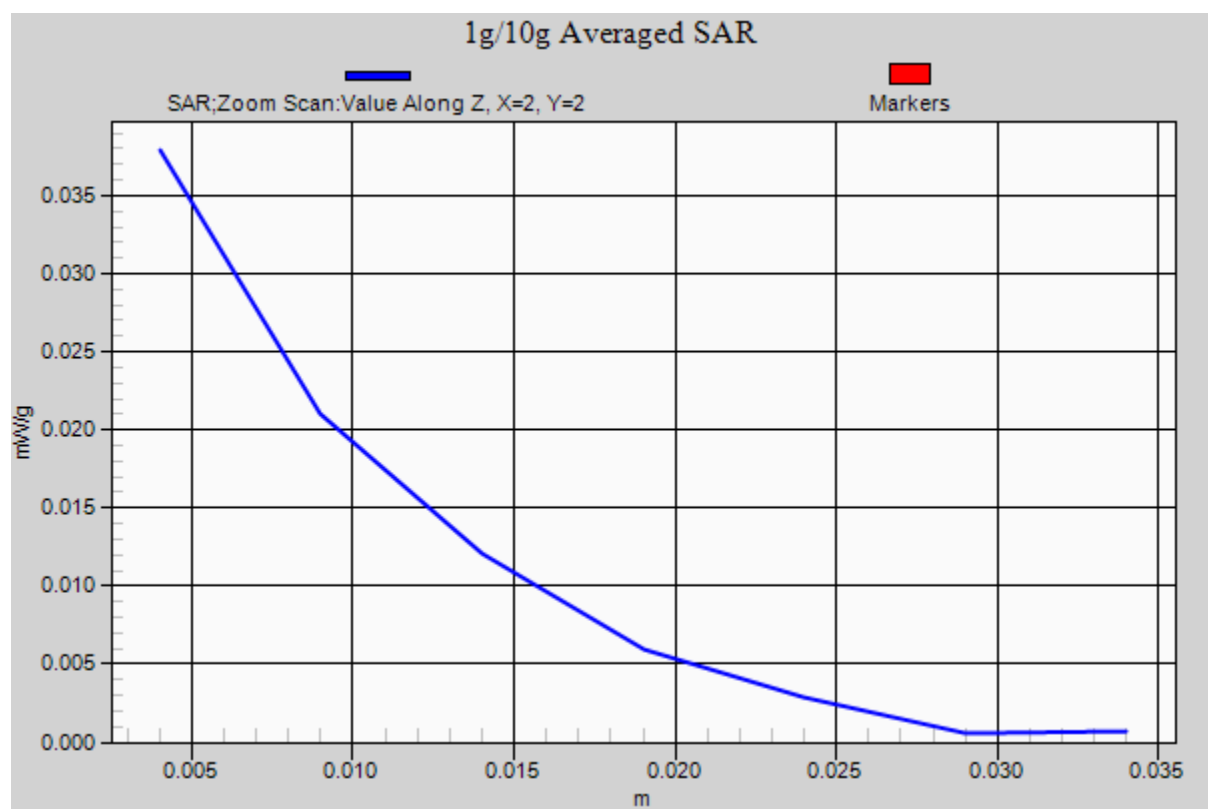
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.456 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g

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



232 802.11b_Left Tited_1CM_1M_Ch1

DUT: 230902

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

Medium: HSL_2450_120505 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.782$ mho/m; $\epsilon_r =$

39.791 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °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: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

Ch1/Area Scan (71x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.029 mW/g

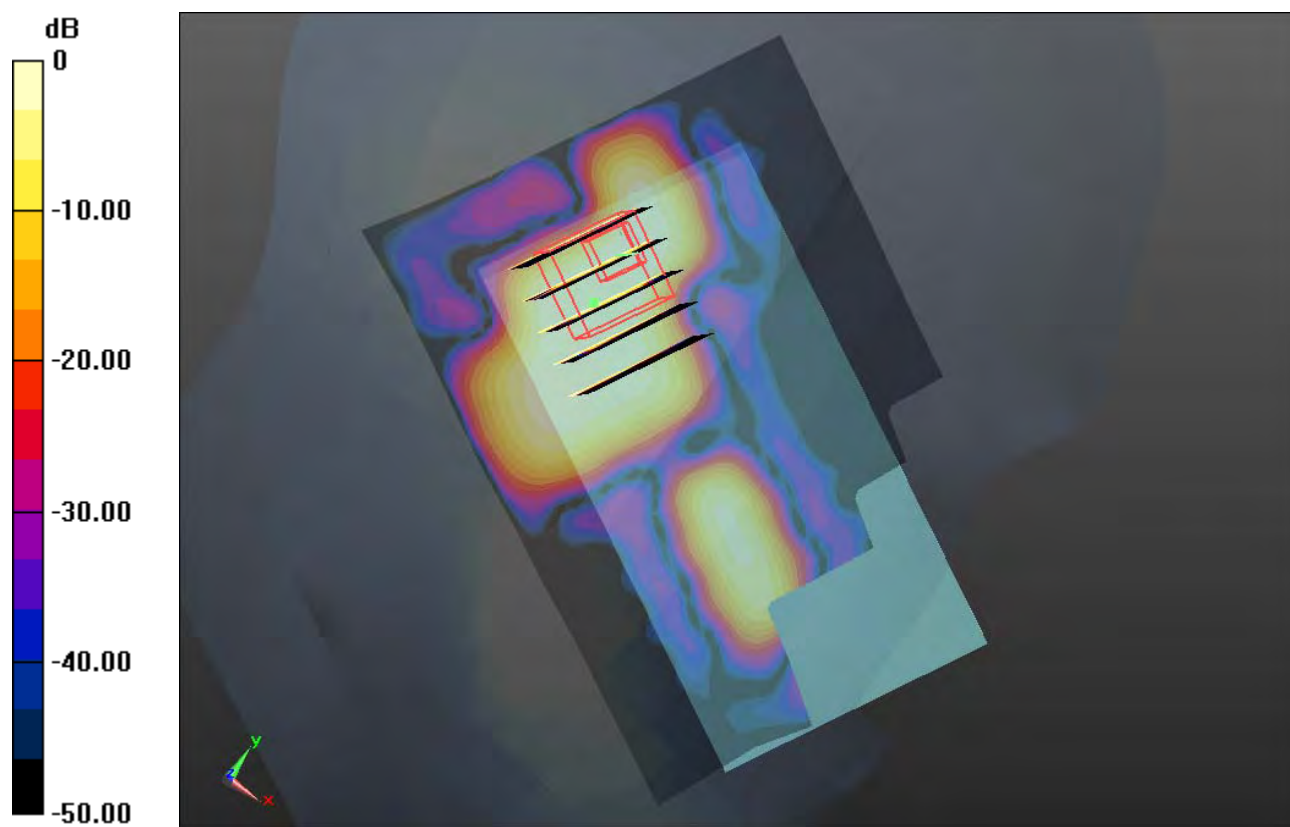
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.688 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00537 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



0 dB = 0.010mW/g

177 CDMA2000 BC0_RTAP 153.6_Front_1.0cm_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.881 mW/g

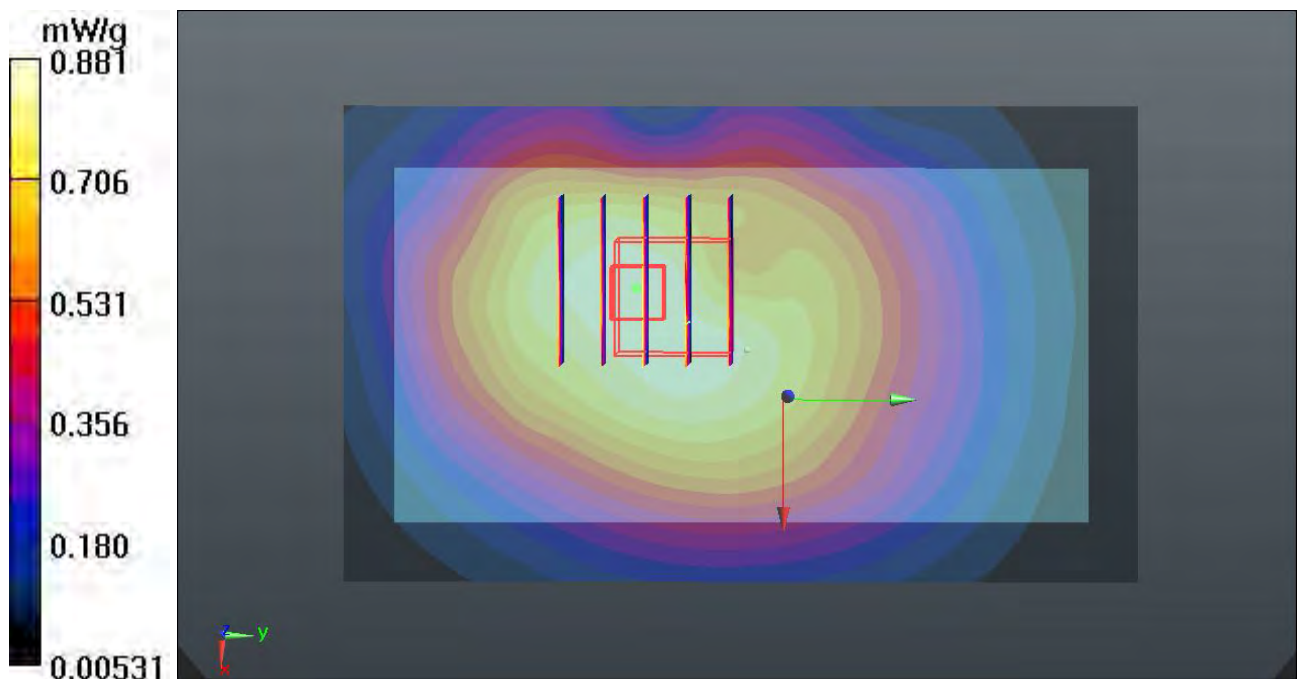
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.615 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.9450

SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.632 mW/g

Maximum value of SAR (measured) = 0.881 mW/g



178 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

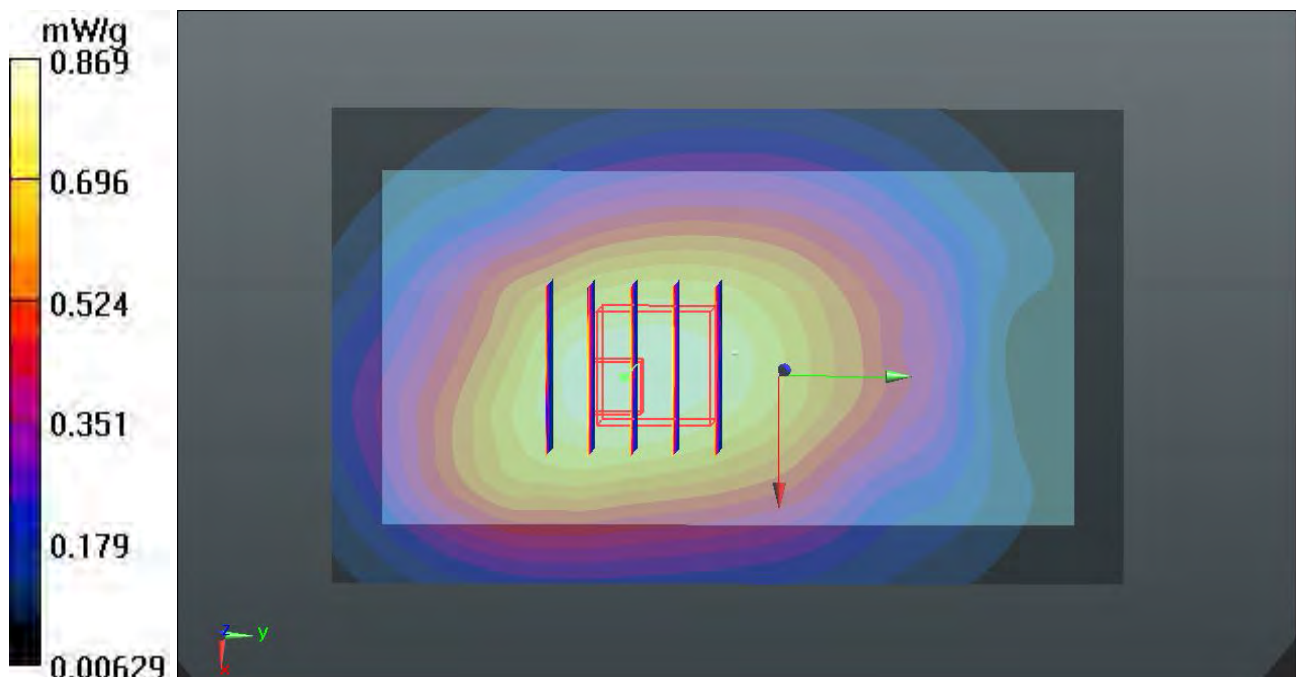
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.443 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.0880

SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.614 mW/g

Maximum value of SAR (measured) = 0.868 mW/g



179 CDMA2000 BC0_RTAP 153.6_Left Side_1.0cm_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

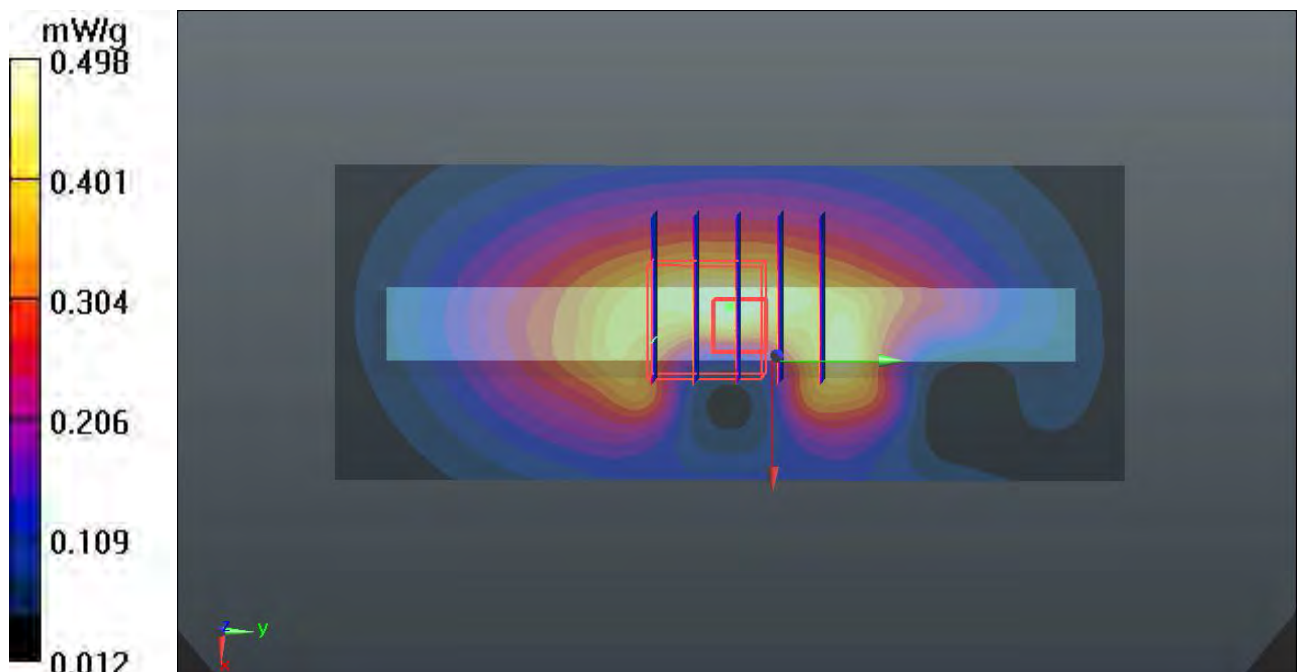
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.481 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6100

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.285 mW/g

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



180 CDMA2000 BC0_RTAP 153.6_Right Side_1.0cm_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

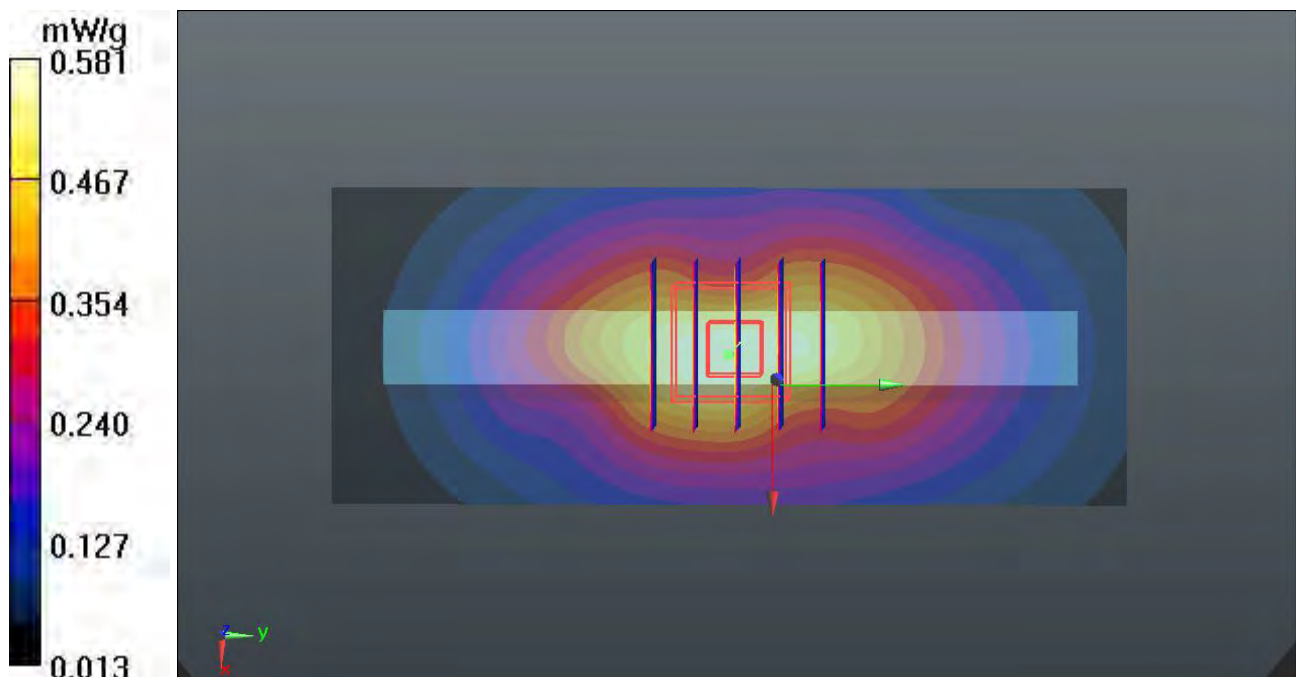
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.268 V/m; Power Drift = -0.0087 dB

Peak SAR (extrapolated) = 0.8330

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.578 mW/g



182 CDMA2000 BC0_RTAP 153.6_Bottom Side_1.0cm_Ch1013**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

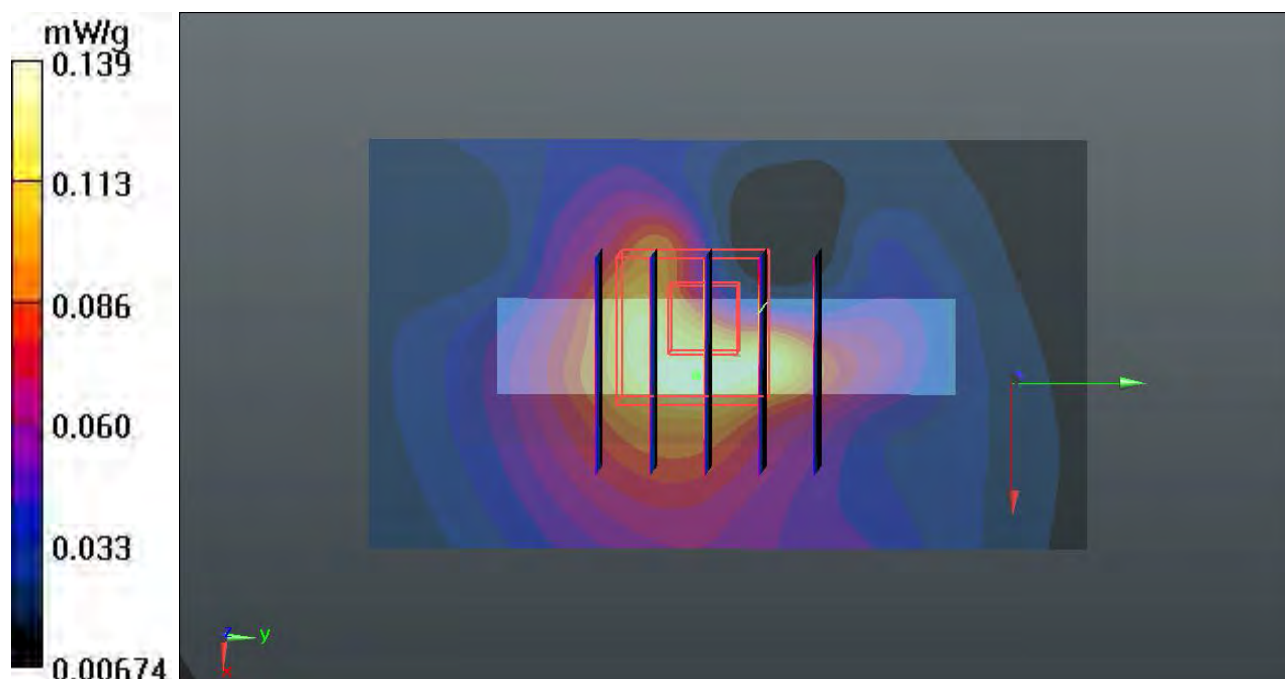
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.561 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.1940

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.136 mW/g



183 CDMA2000 BC0_RTAP 153.6_Front_1.0cm_Ch384**DUT: 230902**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.851 mW/g

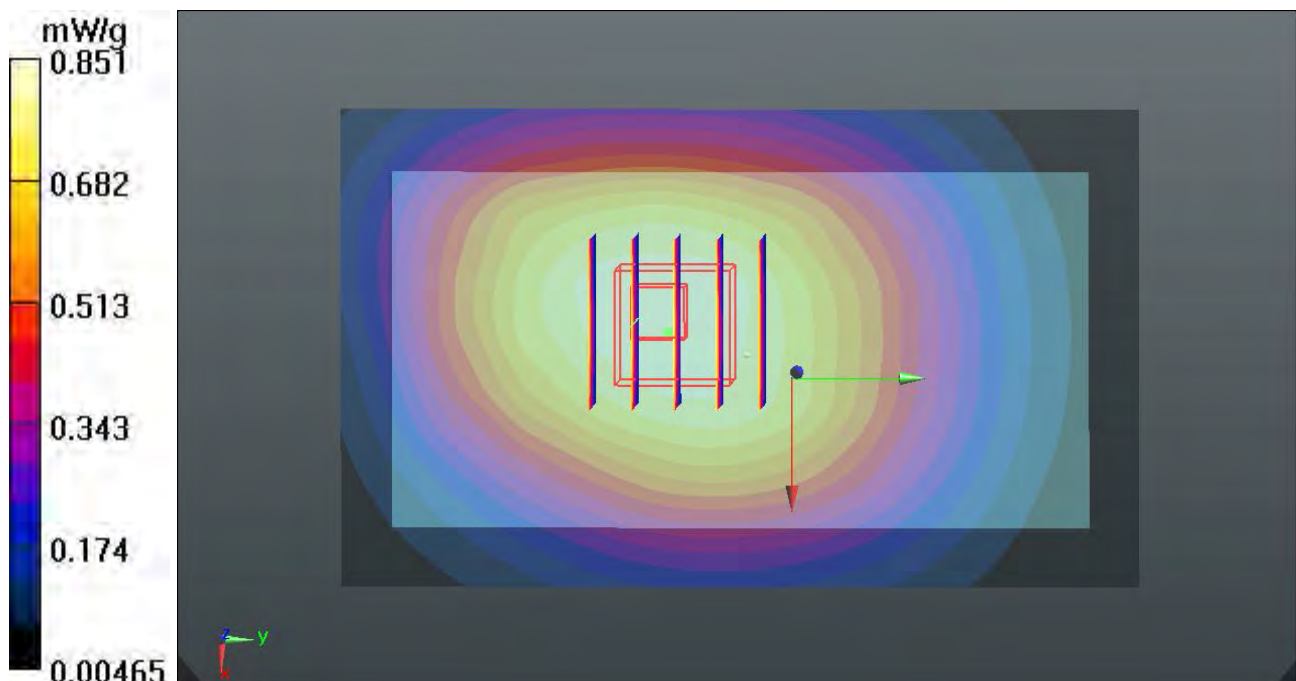
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.740 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.0370

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.634 mW/g

Maximum value of SAR (measured) = 0.851 mW/g



184 CDMA2000 BC0_RTAP 153.6_Front_1.0cm_Ch777**DUT: 230902**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$ 54.267; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.937 mW/g

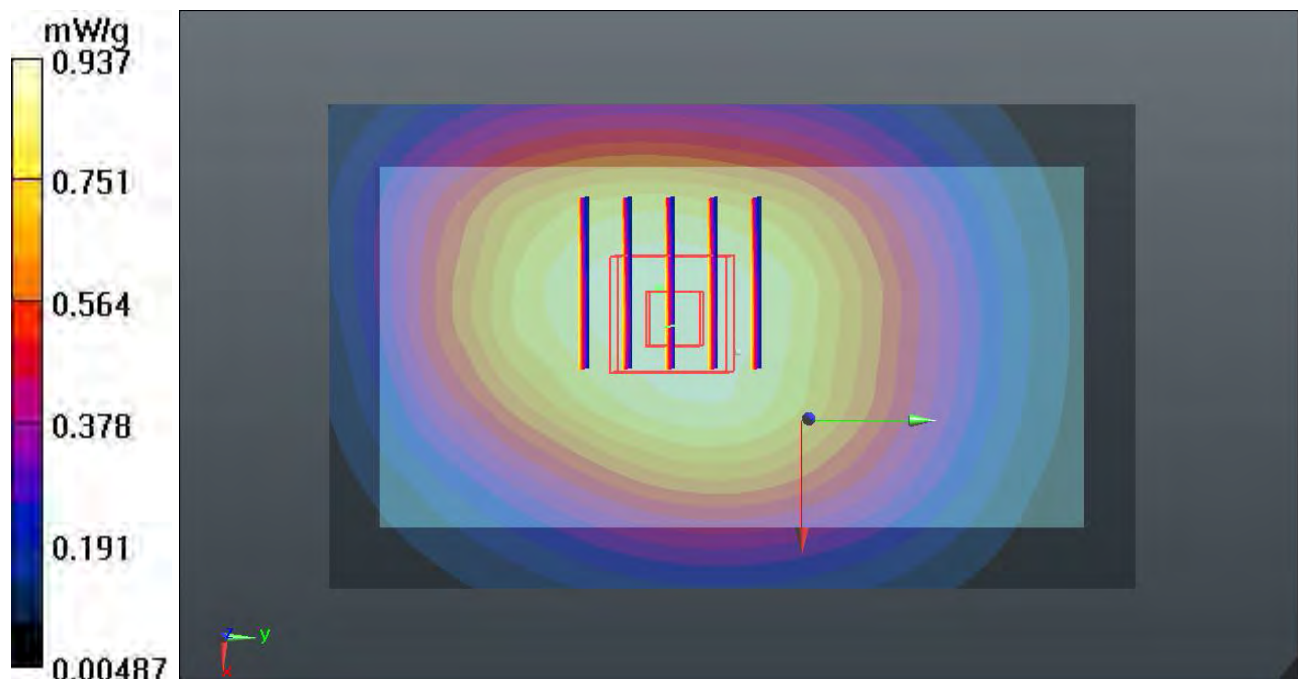
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.244 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.1270

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 0.933 mW/g



184 CDMA2000 BC0_RTAP 153.6_Front_1.0cm_Ch777_2D**DUT: 230902**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$ 54.267; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.937 mW/g

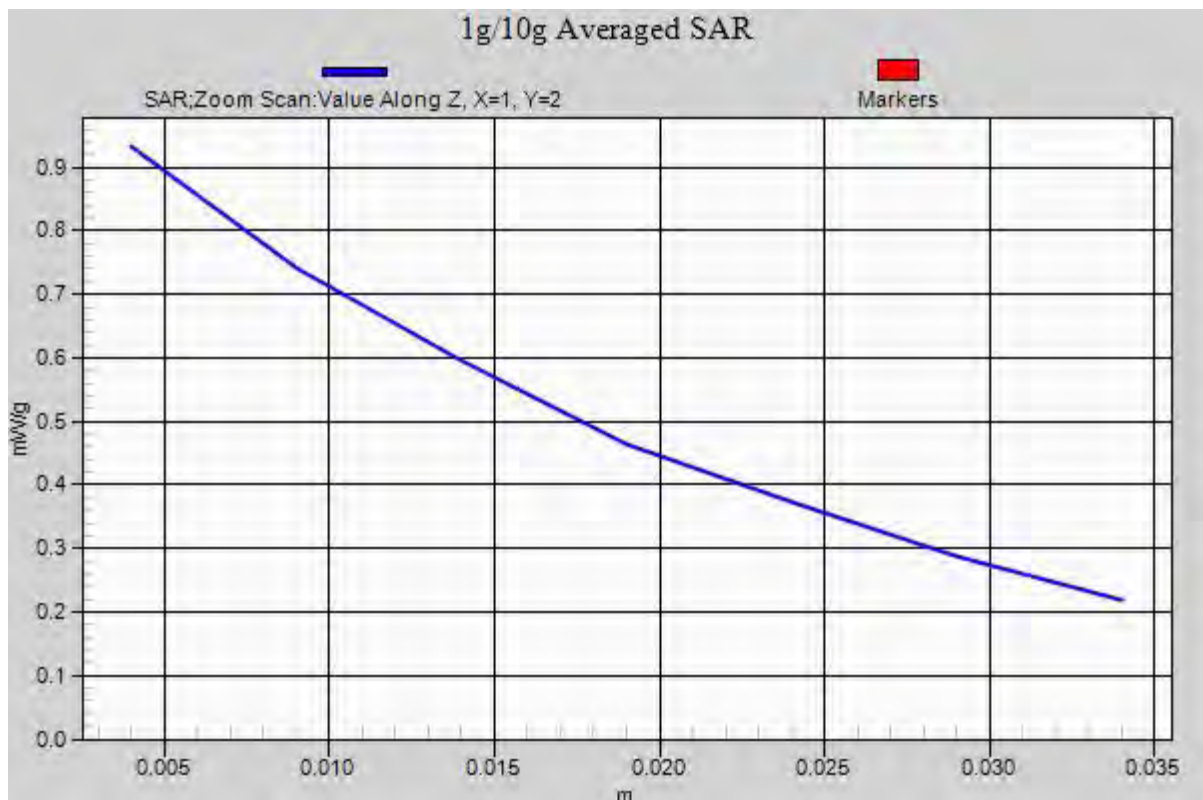
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.244 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.1270

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.693 mW/g

Maximum value of SAR (measured) = 0.933 mW/g



185 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch384**DUT: 230902**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.840 mW/g

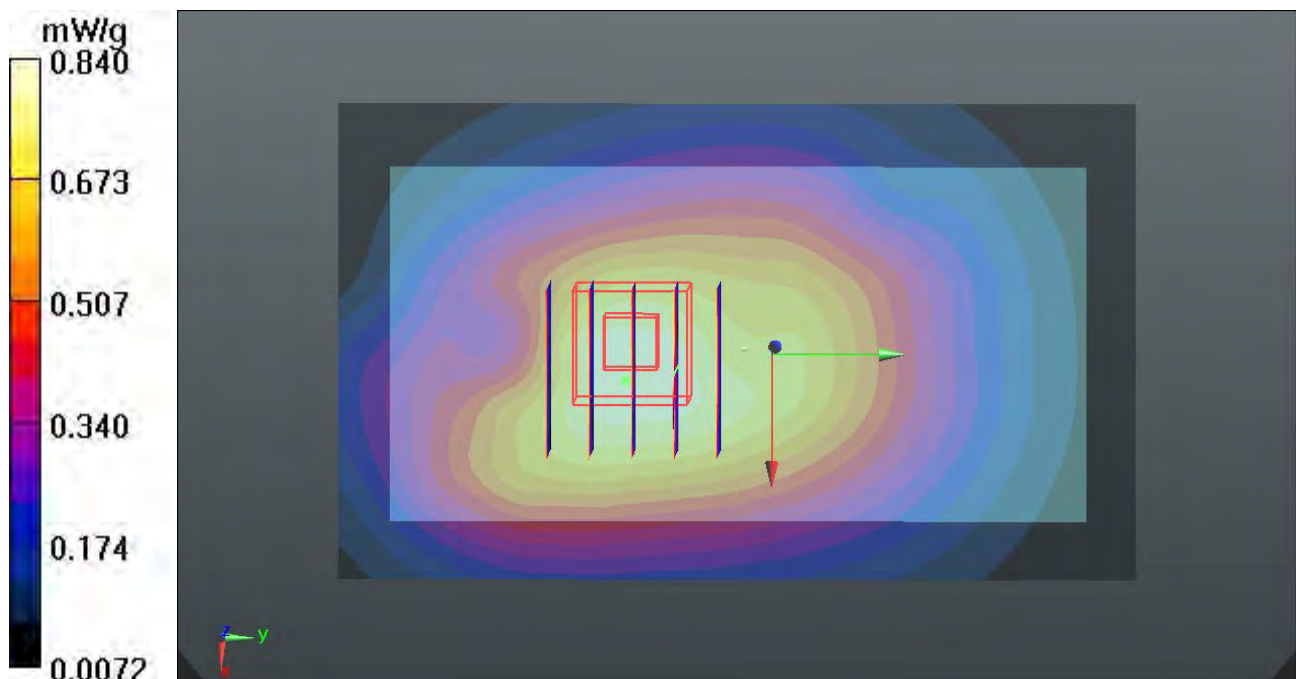
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.230 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.1450

SAR(1 g) = 0.779 mW/g; SAR(10 g) = 0.539 mW/g

Maximum value of SAR (measured) = 0.831 mW/g



186 CDMA2000 BC0_RTAP 153.6_Back_1.0cm_Ch777**DUT: 230902**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$ 54.267; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.953 mW/g

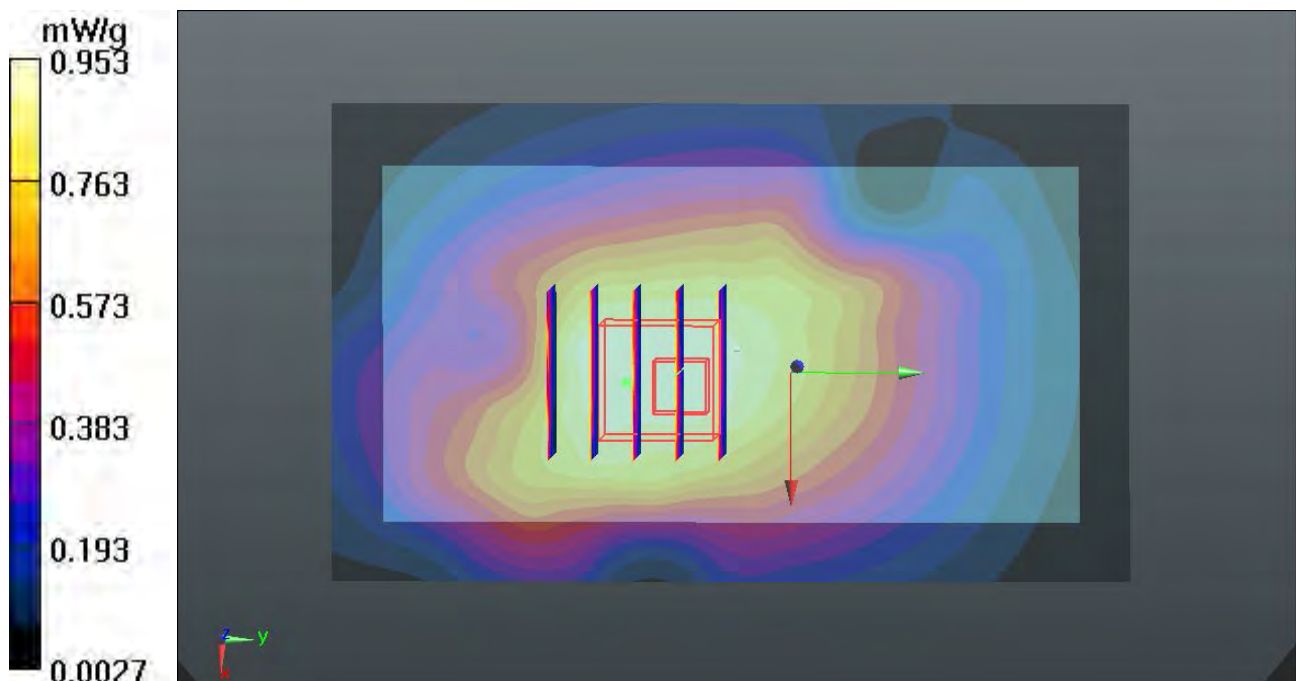
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.169 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.9850

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.621 mW/g

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



187 CDMA2000 BC0_RC3 SO32_Front_1.0cm_Ch777_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$ 54.267; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.854 mW/g

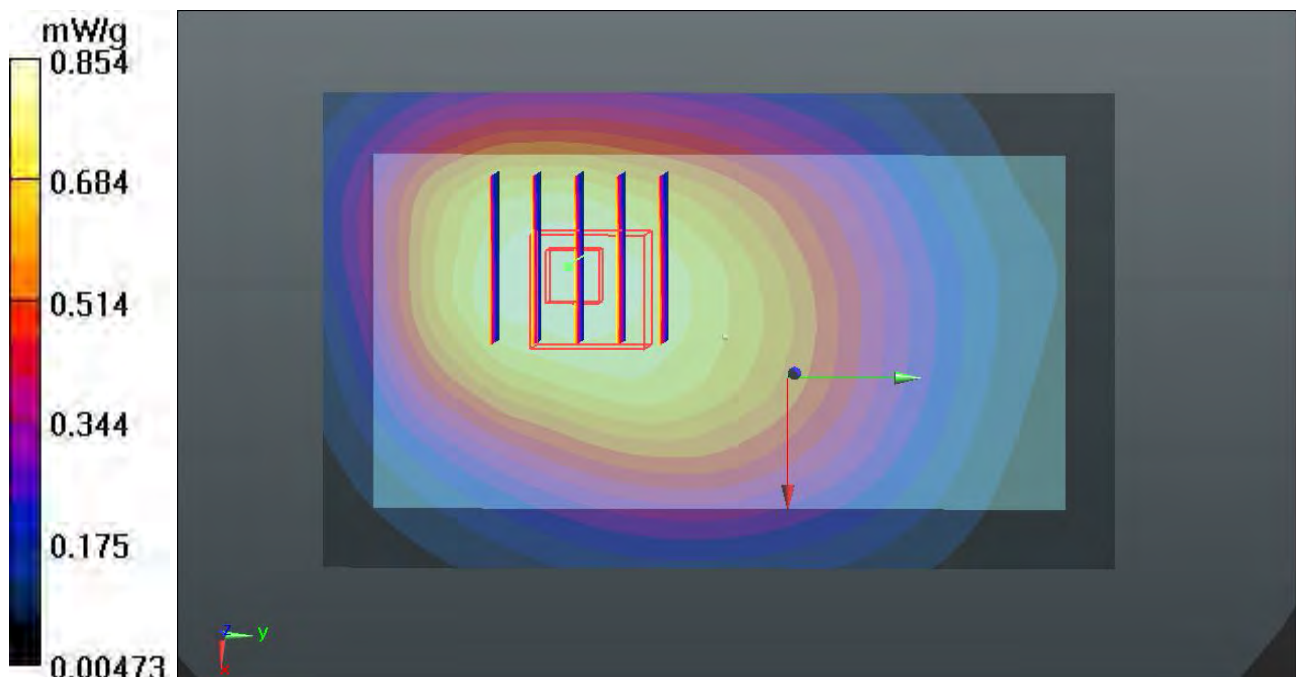
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.364 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.0430

SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.609 mW/g

Maximum value of SAR (measured) = 0.843 mW/g



188 CDMA2000 BC0_RC3 SO32_Back_1.0cm_Ch777_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r =$ 54.267; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

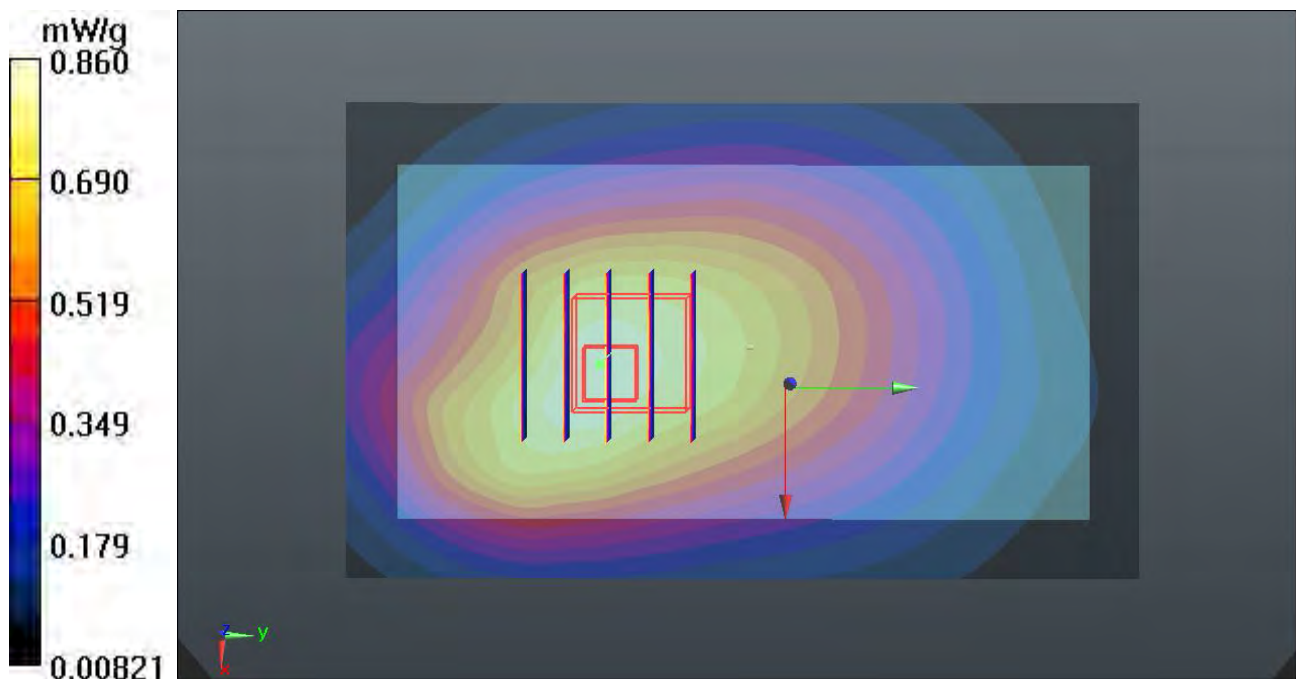
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.586 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.1210

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.589 mW/g

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



189 CDMA2000 BC0_RC3 SO32_Front_1.0cm_Ch1013_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.781 mW/g

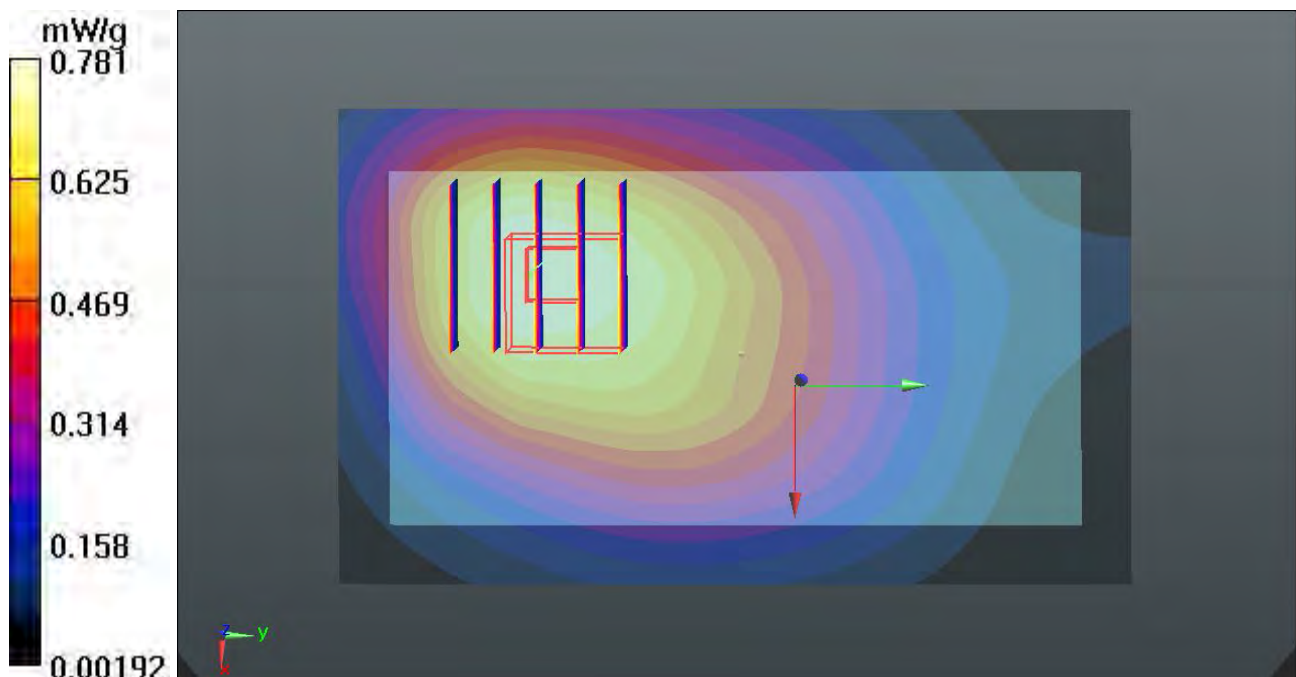
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.922 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.0220

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 0.785 mW/g



190 CDMA2000 BC0_RC3 SO32_Front_1.0cm_Ch384_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.785 mW/g

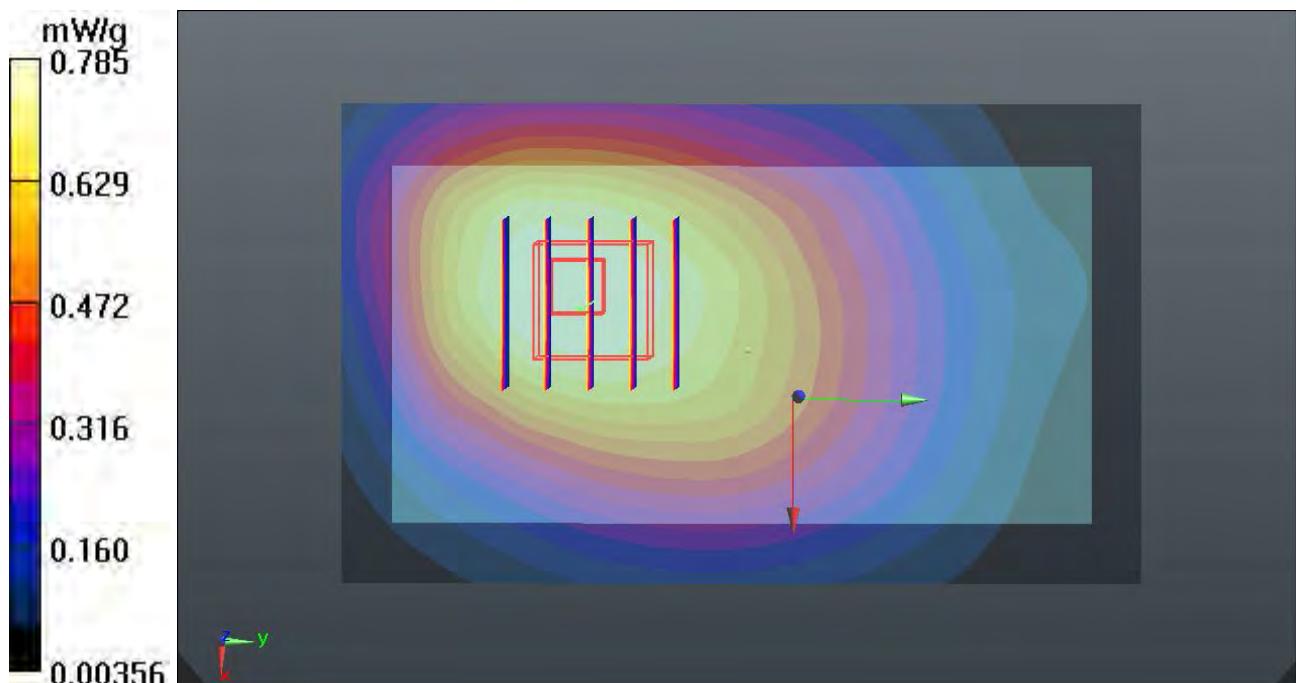
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.283 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.9660

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.565 mW/g

Maximum value of SAR (measured) = 0.788 mW/g



191 CDMA2000 BC0_RC3 SO32_Back_1.0cm_Ch1013_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 825$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r = 54.451$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.811 mW/g

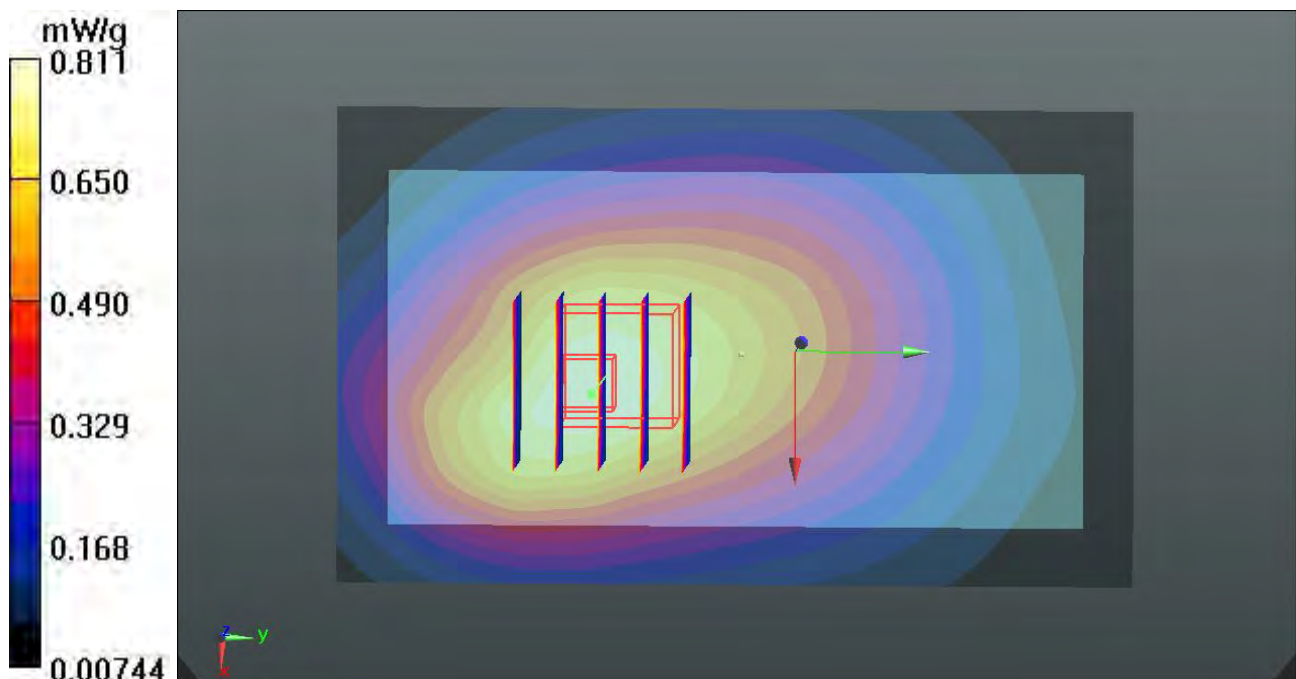
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.702 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.1250

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.552 mW/g

Maximum value of SAR (measured) = 0.796 mW/g



192 CDMA2000 BC0_RC3 SO32_Back_1.0cm_Ch384_Earphone**DUT: 230902**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL_835_120423 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.757 mW/g

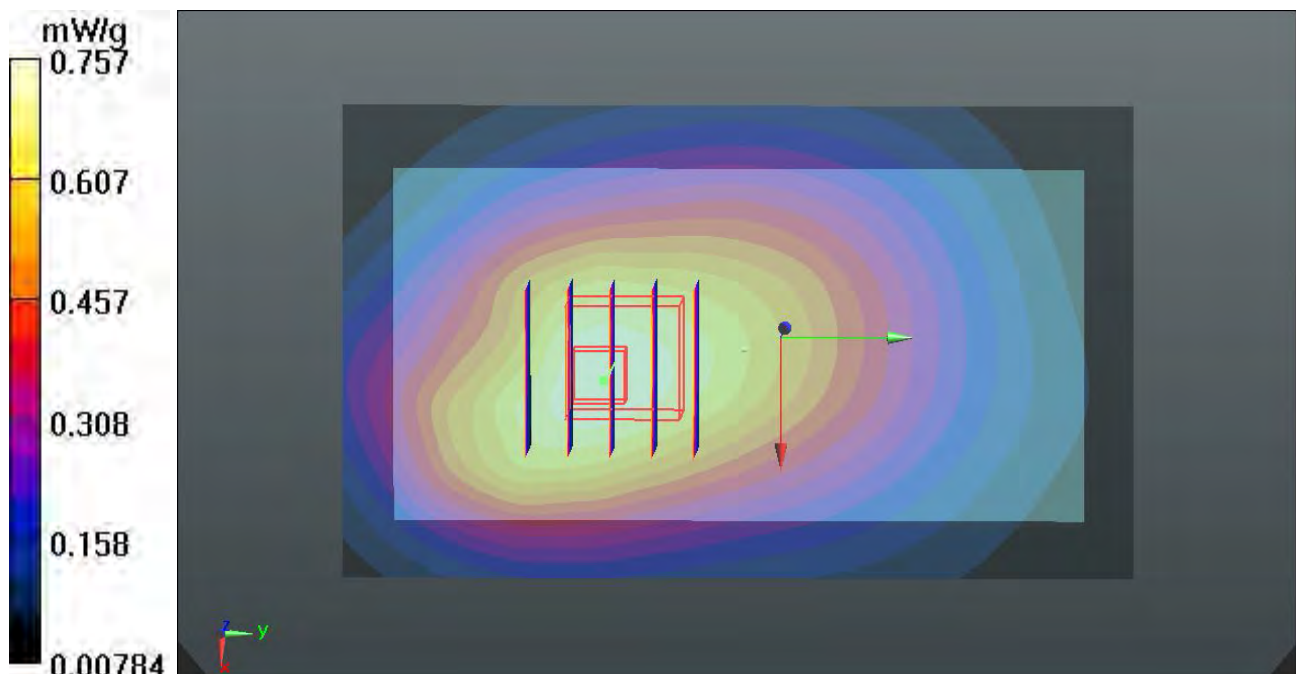
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.300 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.0170

SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.515 mW/g

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



193 CDMA2000 BC15_RTAP 153.6_Front_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.221 mW/g

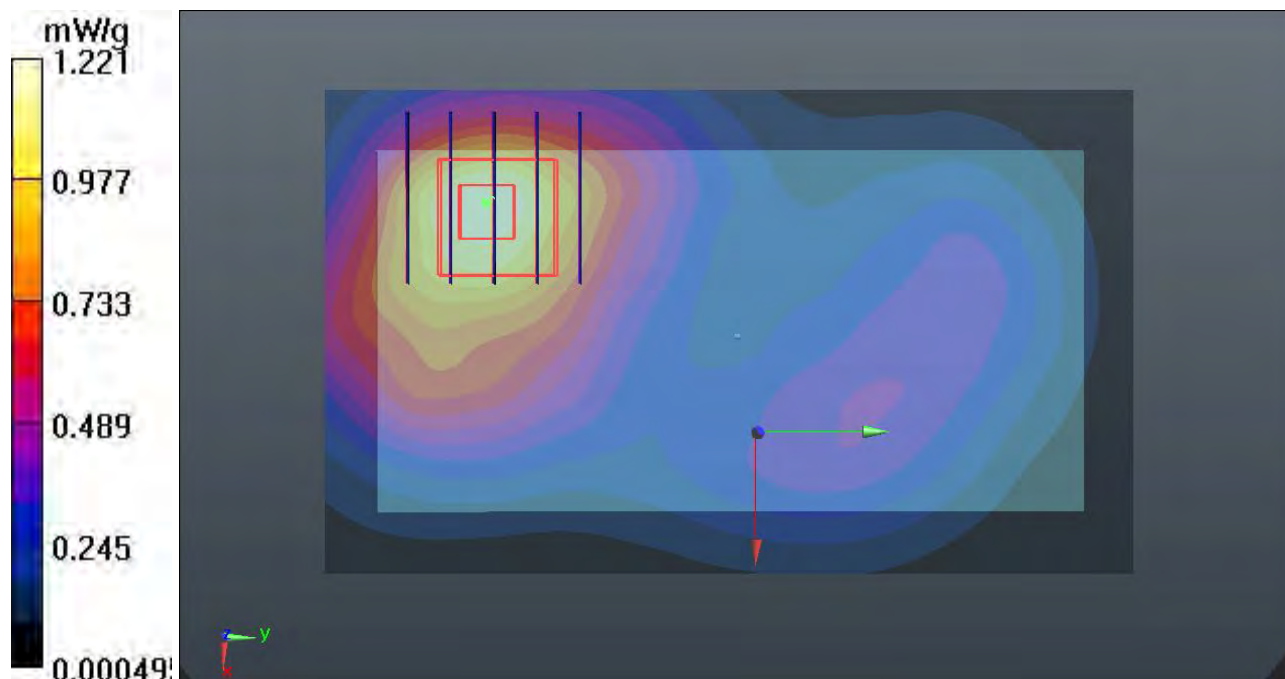
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.013 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.7350

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.710 mW/g

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



194 CDMA2000 BC15_RTAP 153.6_Back_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch25/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

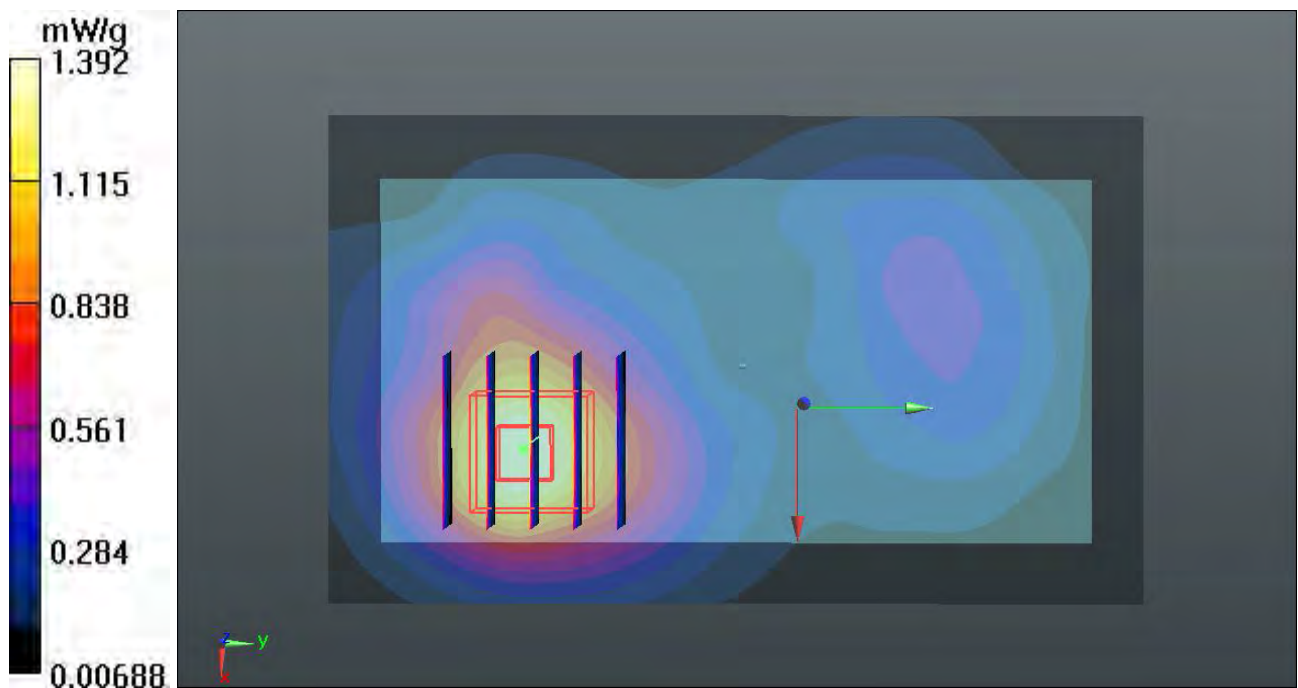
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.717 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.3750

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.769 mW/g

Maximum value of SAR (measured) = 1.342 mW/g



195 CDMA2000 BC15_RTAP 153.6_Left Side_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch25/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.592 mW/g

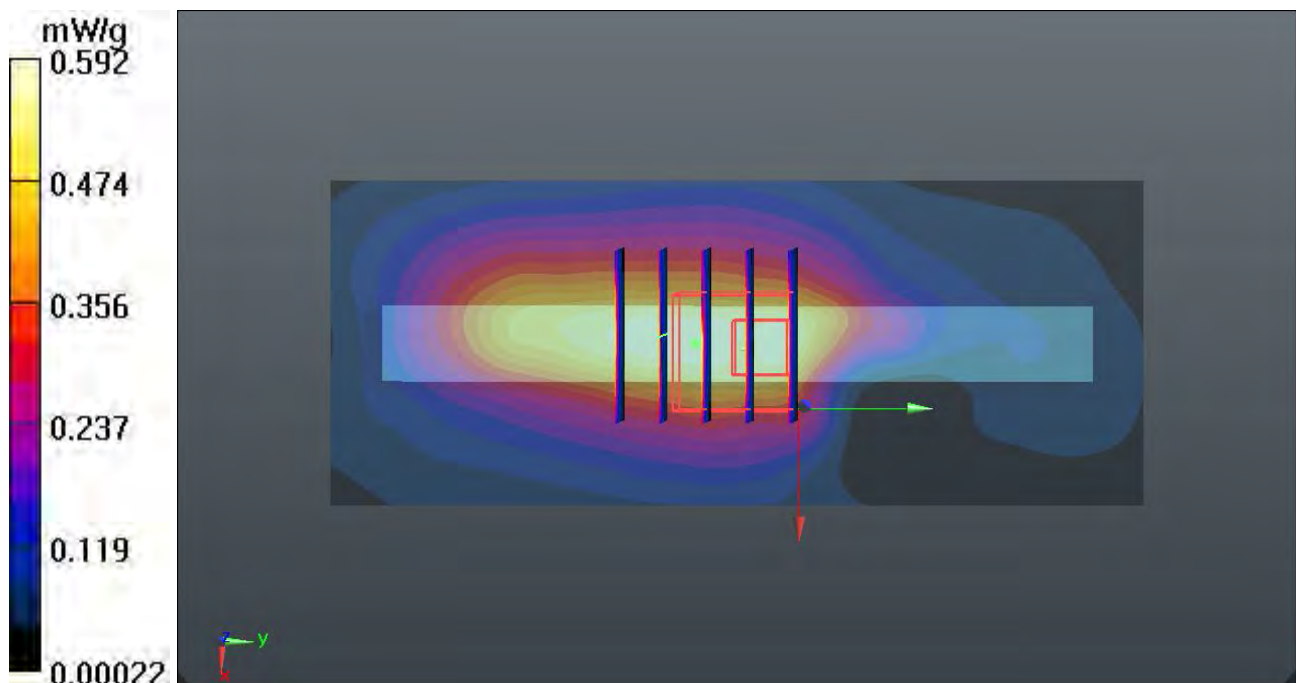
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.669 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.1620

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.582 mW/g



196 CDMA2000 BC15_RTAP 153.6_Right Side_1.0cm_Ch25**DUT: 230902**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL_1800_120424 Medium parameters used: $f = 1711.25$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r =$ 55.797 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch25/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.311 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.6540

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

