



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

113_CDMA2000 BC0_RC3 SO55_Right Cheek_Ch384

DUT: 311602

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130116 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.777$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.445 W/kg

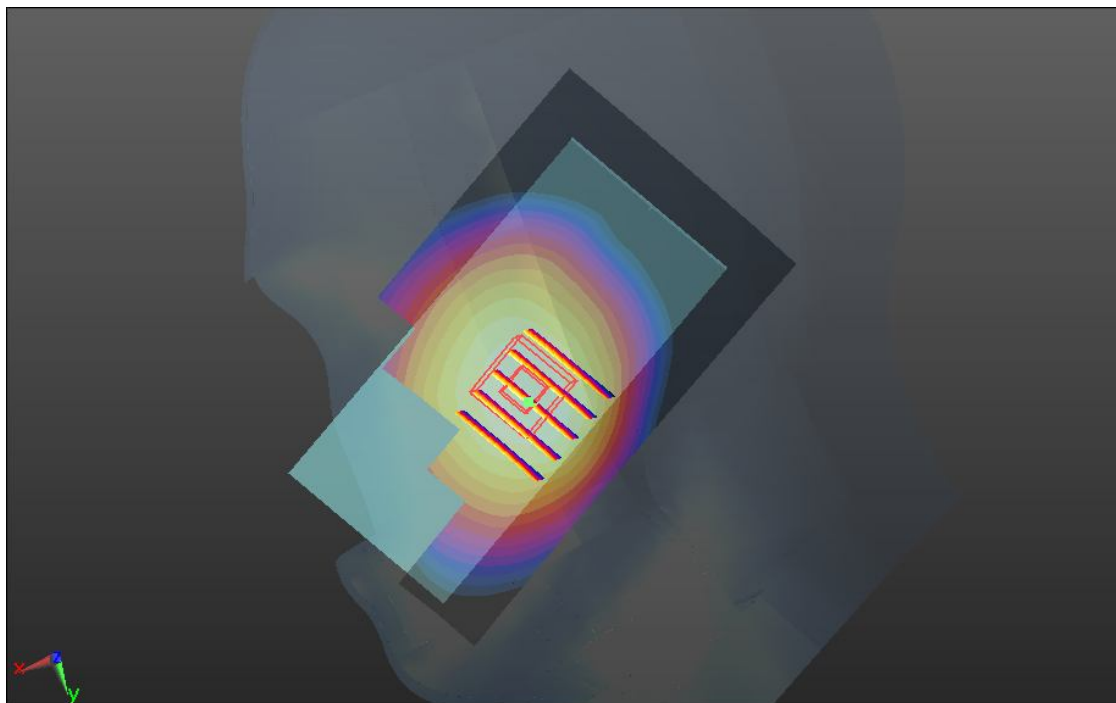
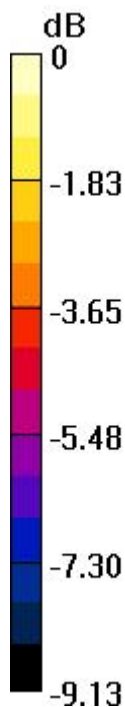
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.441 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.487 mW/g

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.444 W/kg



0 dB = 0.444 W/kg

114_CDMA2000 BC0_RC3 SO55_Right Tilted_Ch384

DUT: 311602

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130116 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.777$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.294 W/kg

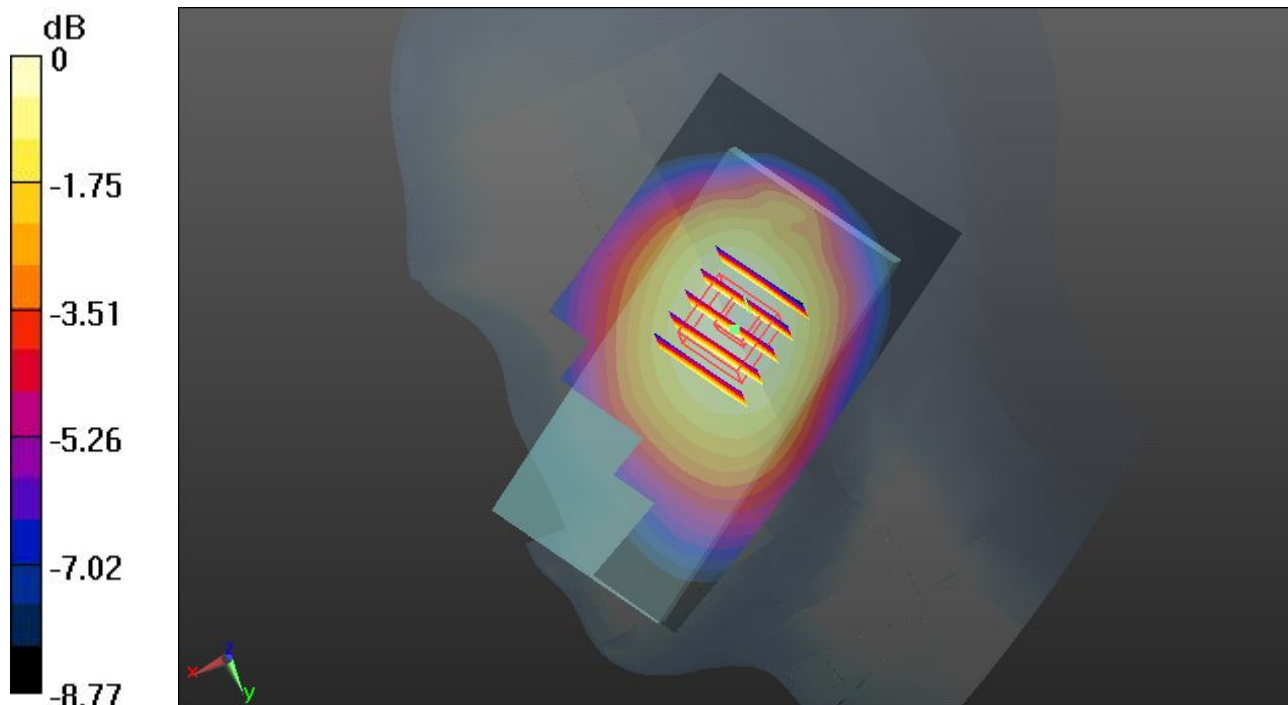
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.267 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.328 mW/g

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.298 W/kg



0 dB = 0.298 W/kg

115_CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384

DUT: 311602

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130116 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.777$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.474 W/kg

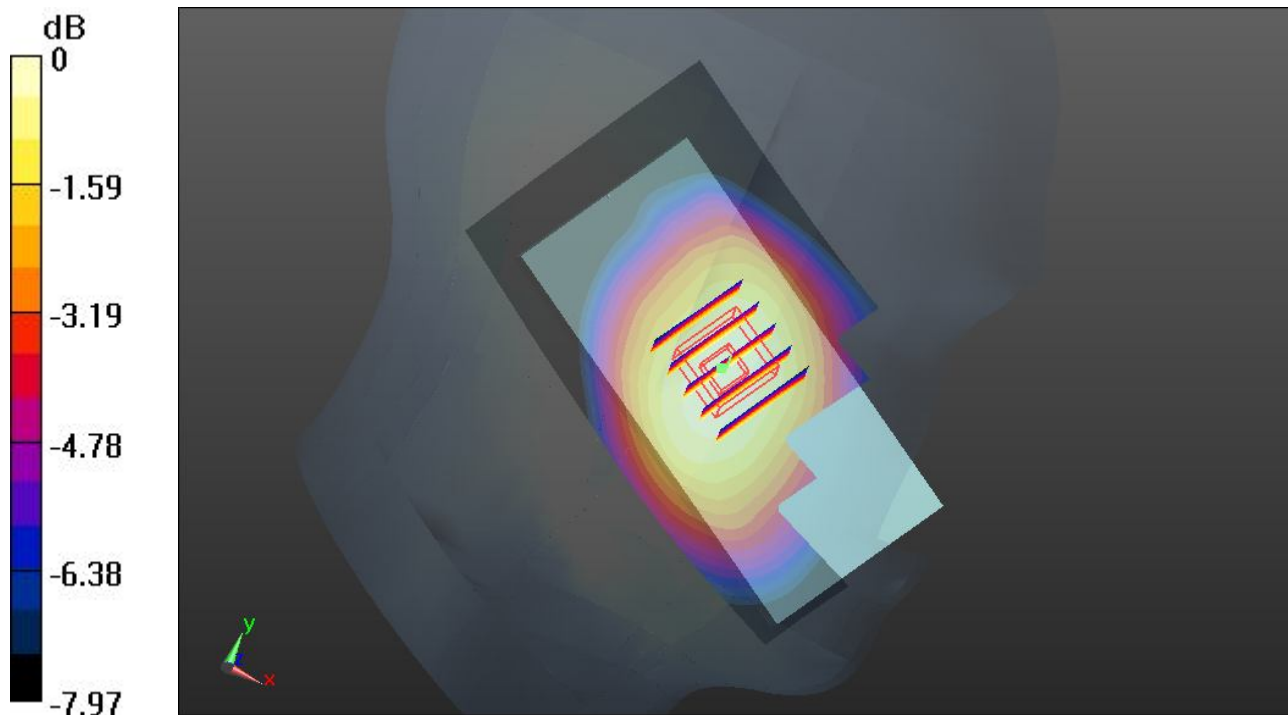
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.348 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.516 mW/g

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg

115_CDMA2000 BC0_RC3 SO55_Left Cheek_Ch384_2D

DUT: 311602

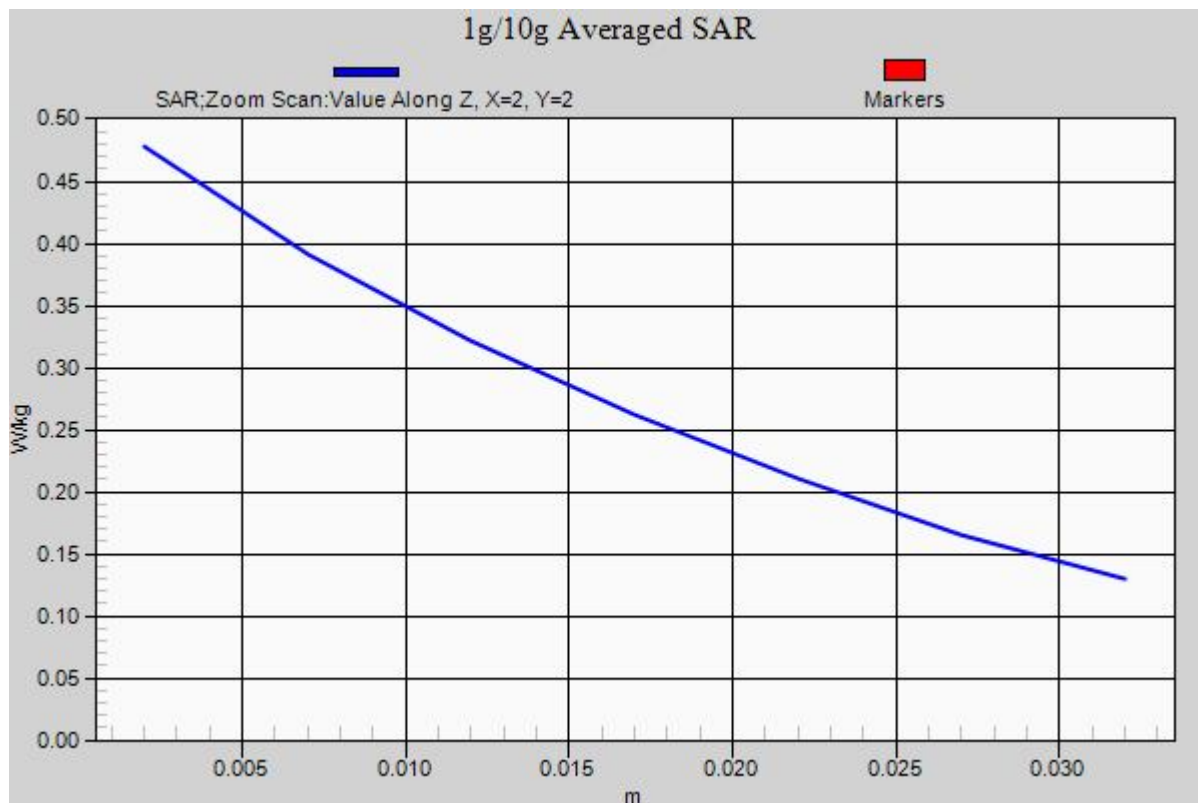
Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium: HSL_835_130116 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.777$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.474 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.348 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.516 mW/g
SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.478 W/kg



116_CDMA2000 BC0_RC3 SO55_Left Tilted_Ch384

DUT: 311602

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835_130116 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.777$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.372 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.842 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.412 mW/g

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.376 W/kg

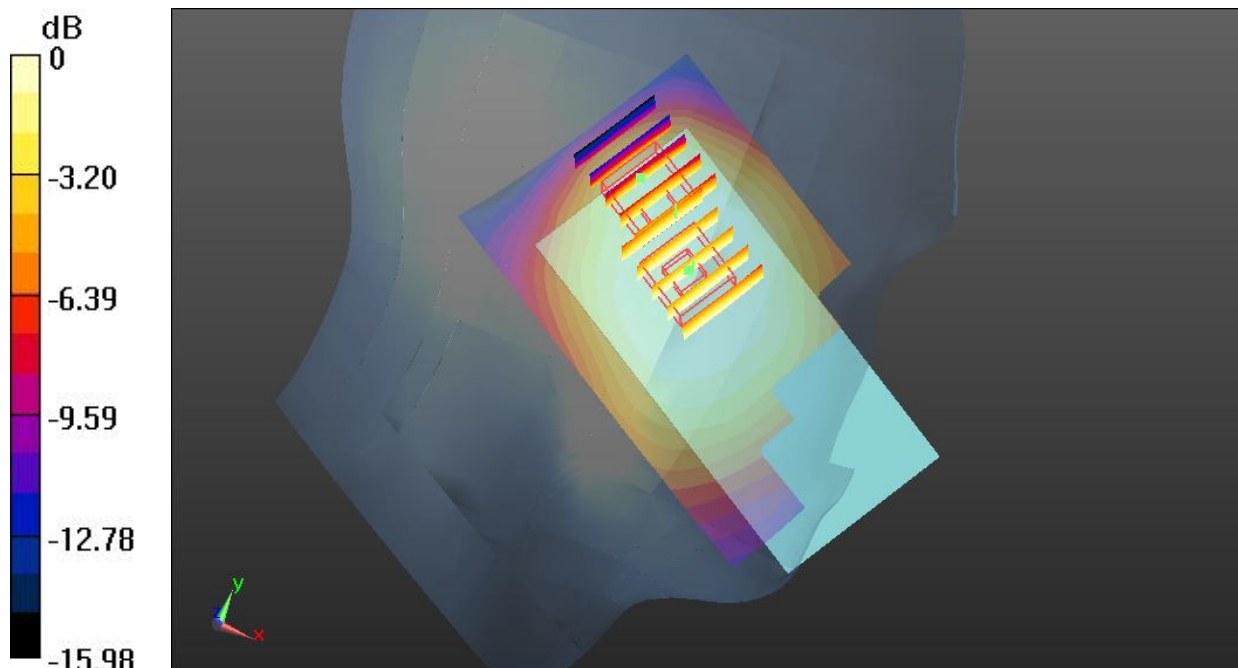
Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.842 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.334 mW/g

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg

166_CDMA2000 BC0_RTEAP 4096_Left Cheek_Ch384

DUT: 311602

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: HSL_835_130202 Medium parameters used: $f = 837$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 40.564$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch384/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.451 W/kg

Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.553 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.451 mW/g

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.439 W/kg

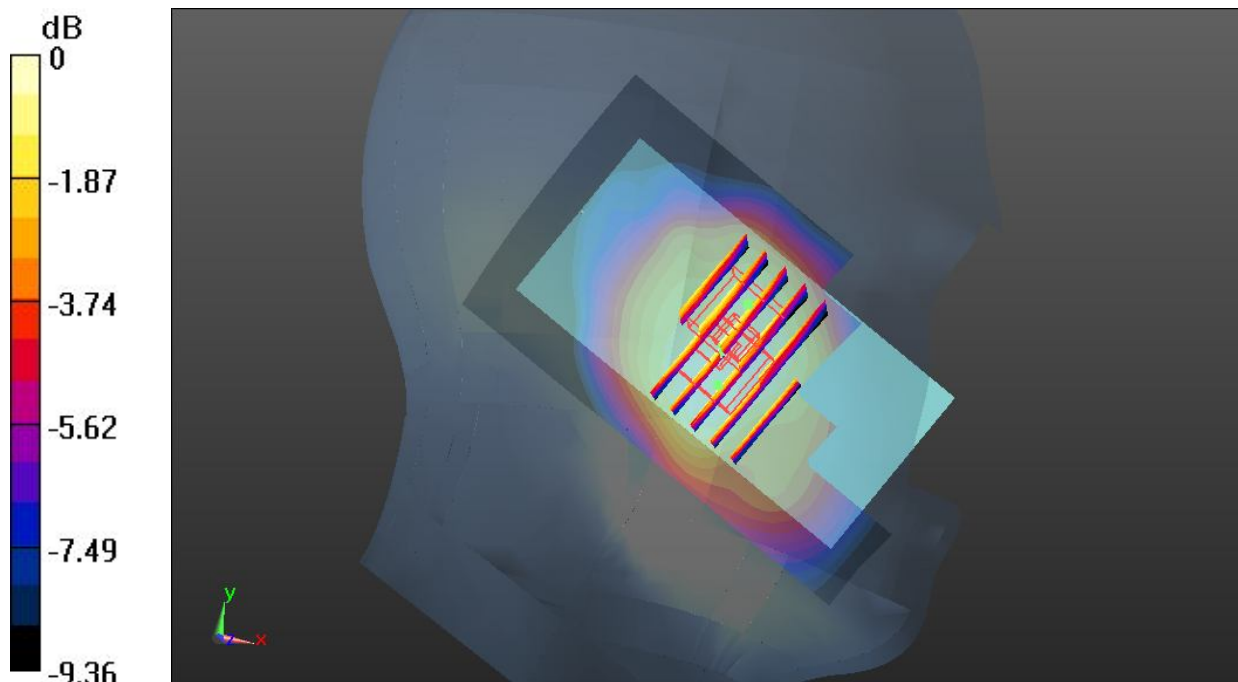
Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.553 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.782 mW/g

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg

24_CDMA2000 BC15_RC3 SO55_Right Cheek_Ch875

DUT: 311602

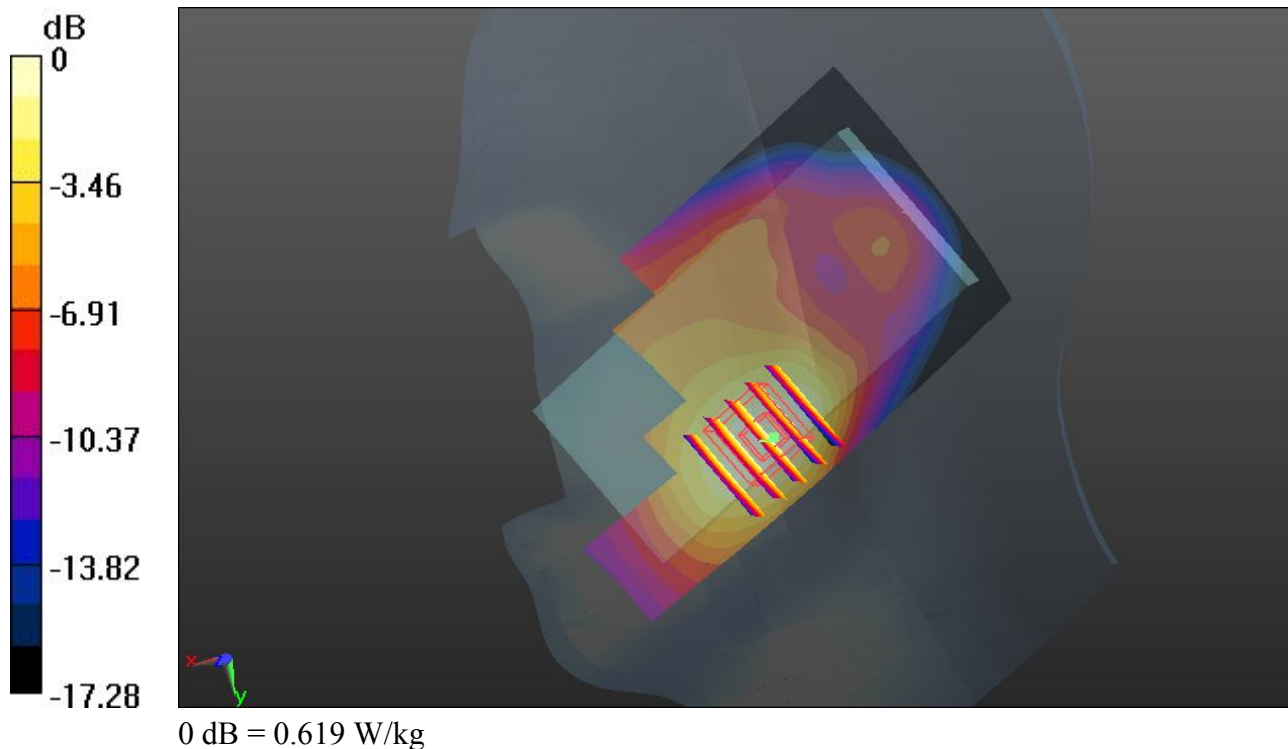
Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: HSL_1750_130117 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 41.519$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch875/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.651 W/kg

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.110 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.737 mW/g
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.619 W/kg



24_CDMA2000 BC15_RC3 SO55_Right Cheek_Ch875_2D

DUT: 311602

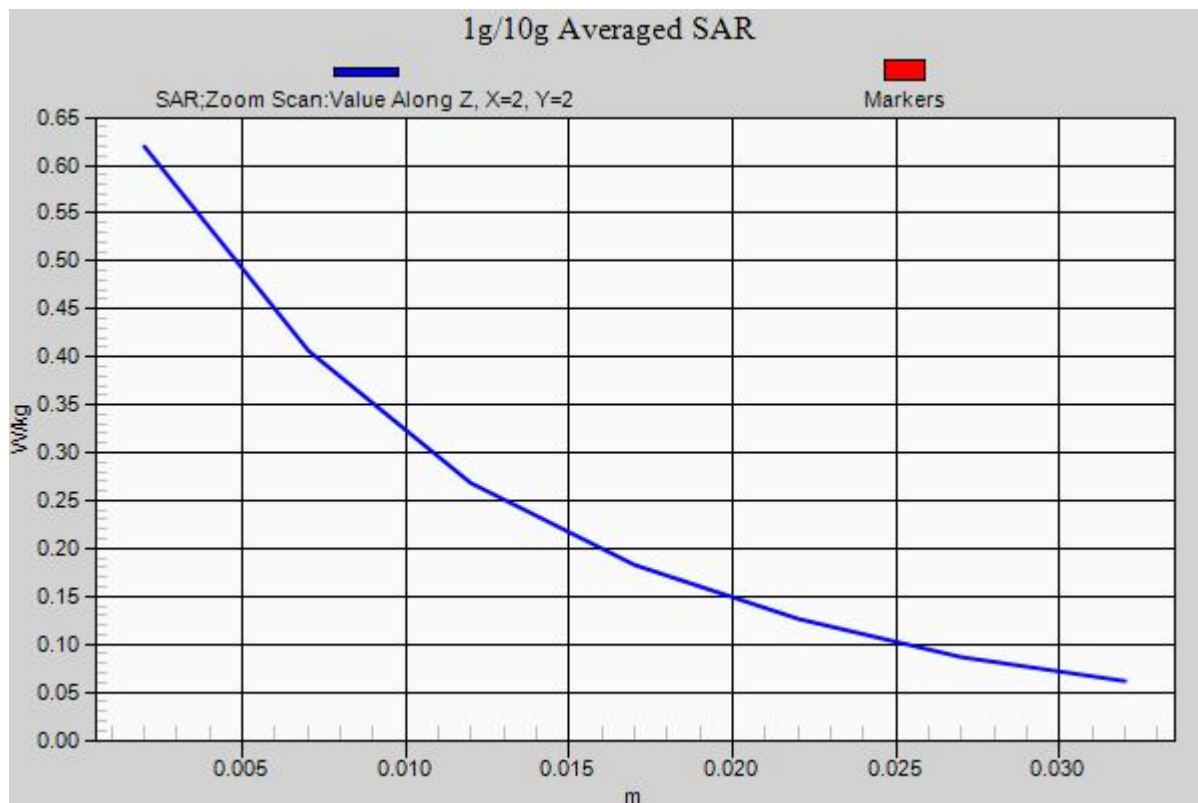
Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
 Medium: HSL_1750_130117 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 41.519$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch875/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.651 W/kg

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 21.110 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.737 mW/g
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.305 mW/g
 Maximum value of SAR (measured) = 0.619 W/kg



25_CDMA2000 BC15_RC3 SO55_Right Tilted_Ch875

DUT: 311602

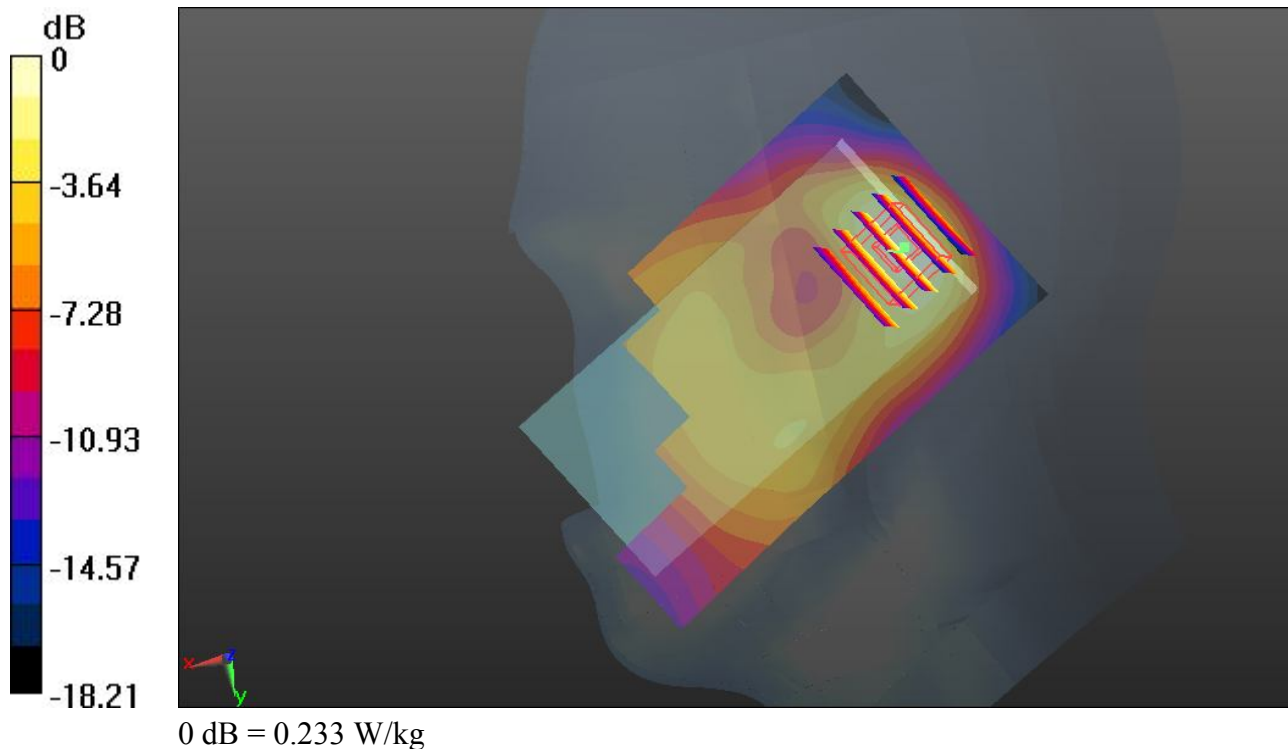
Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: HSL_1750_130117 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 41.519$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch875/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.234 W/kg

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.837 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.286 mW/g
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.233 W/kg



26_CDMA2000 BC15_RC3 SO55_Left Cheek_Ch875

DUT: 311602

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
 Medium: HSL_1750_130117 Medium parameters used: $f = 1754 \text{ MHz}$; $\sigma = 1.411 \text{ mho/m}$; $\epsilon_r = 41.519$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.1 \text{ }^\circ\text{C}$

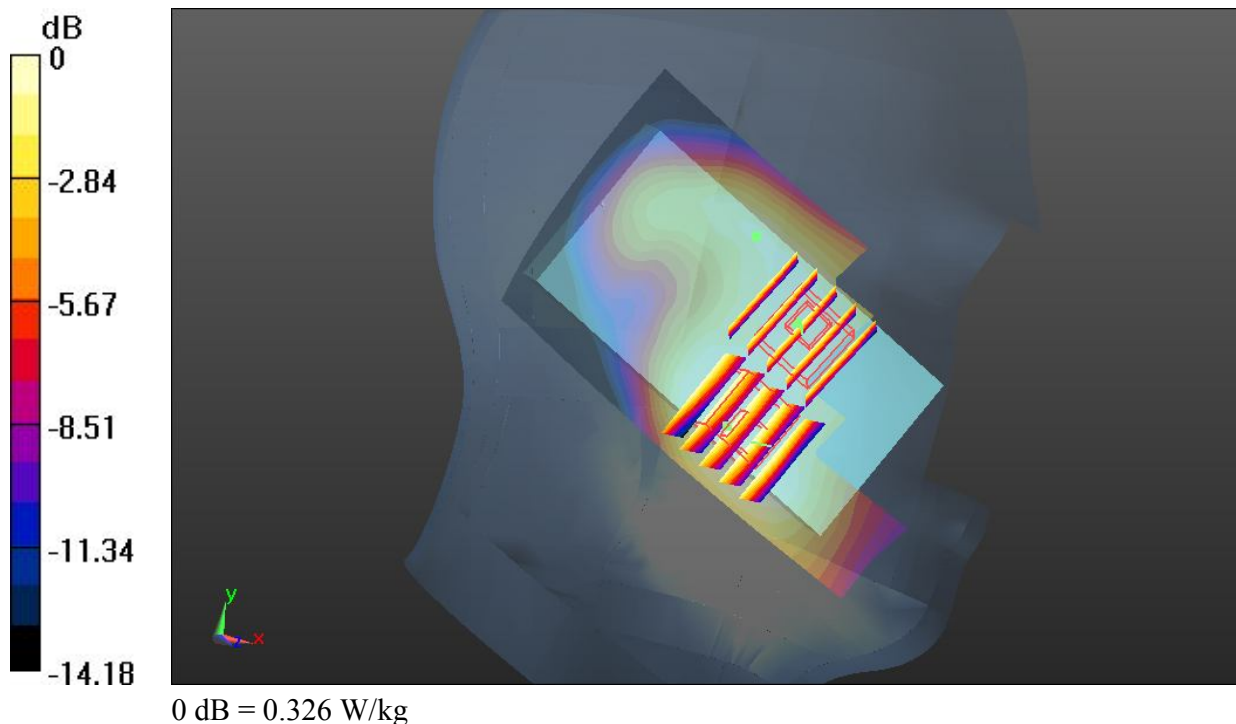
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch875/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.428 W/kg

Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 17.592 V/m ; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.498 mW/g
SAR(1 g) = 0.326 mW/g ; SAR(10 g) = 0.211 mW/g
 Maximum value of SAR (measured) = 0.420 W/kg

Ch875/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 17.592 V/m ; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.374 mW/g
SAR(1 g) = 0.268 mW/g ; SAR(10 g) = 0.183 mW/g
 Maximum value of SAR (measured) = 0.326 W/kg



27_CDMA2000 BC15_RC3 SO55_Left Tilted_Ch875

DUT: 311602

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: HSL_1750_130117 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 41.519$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.267 W/kg

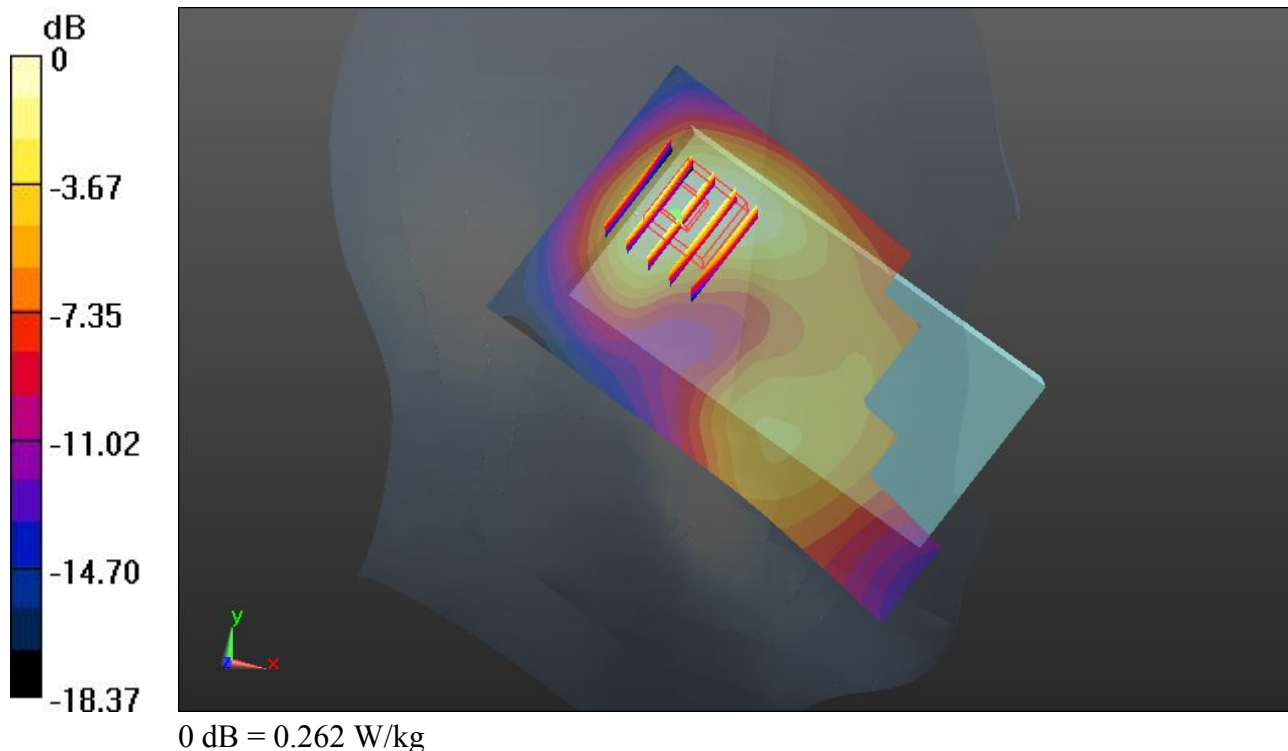
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.793 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.335 mW/g

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.262 W/kg



167_CDMA2000 BC15_RTEAP 4096_Right Cheek_Ch875

DUT:311602

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1
Medium: HSL_1750_130202 Medium parameters used: $f = 1754$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r = 41.341$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.632 W/kg

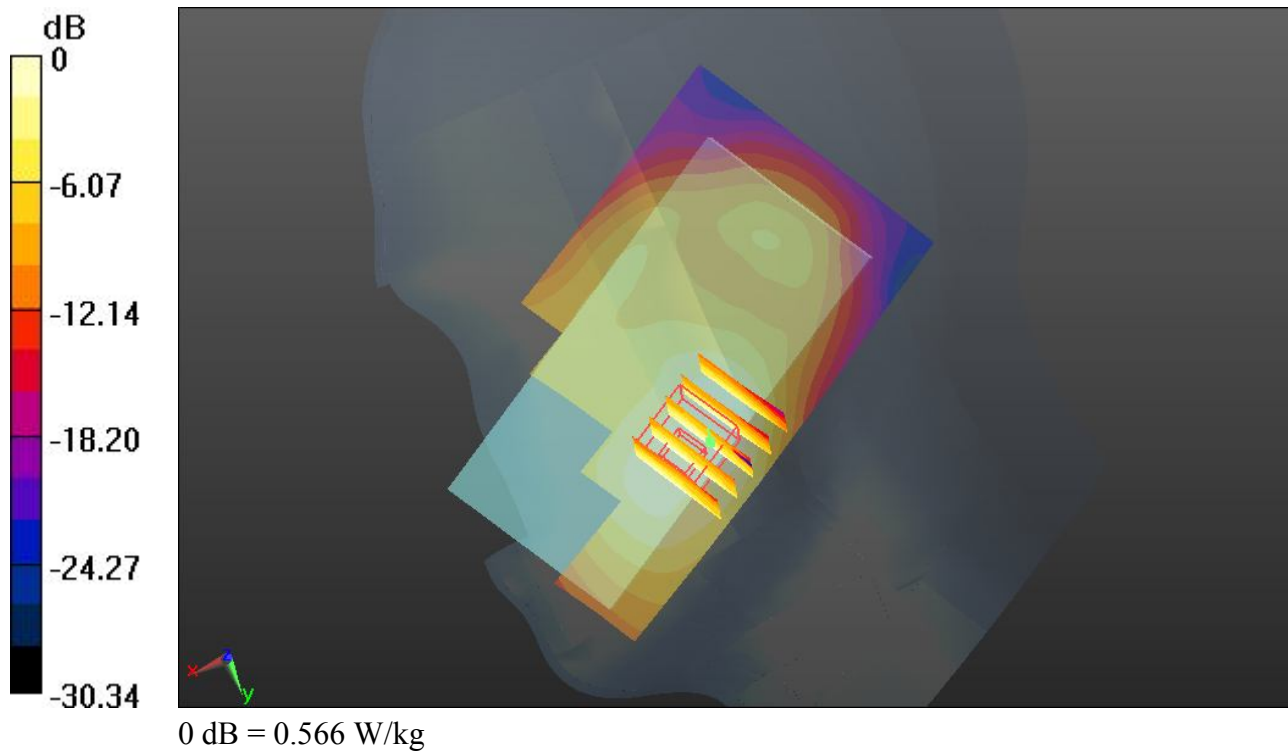
Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.575 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.680 mW/g

SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.566 W/kg



28_CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25

DUT: 311602

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

Medium: HSL_1900_130117 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

40.812 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.382 W/kg

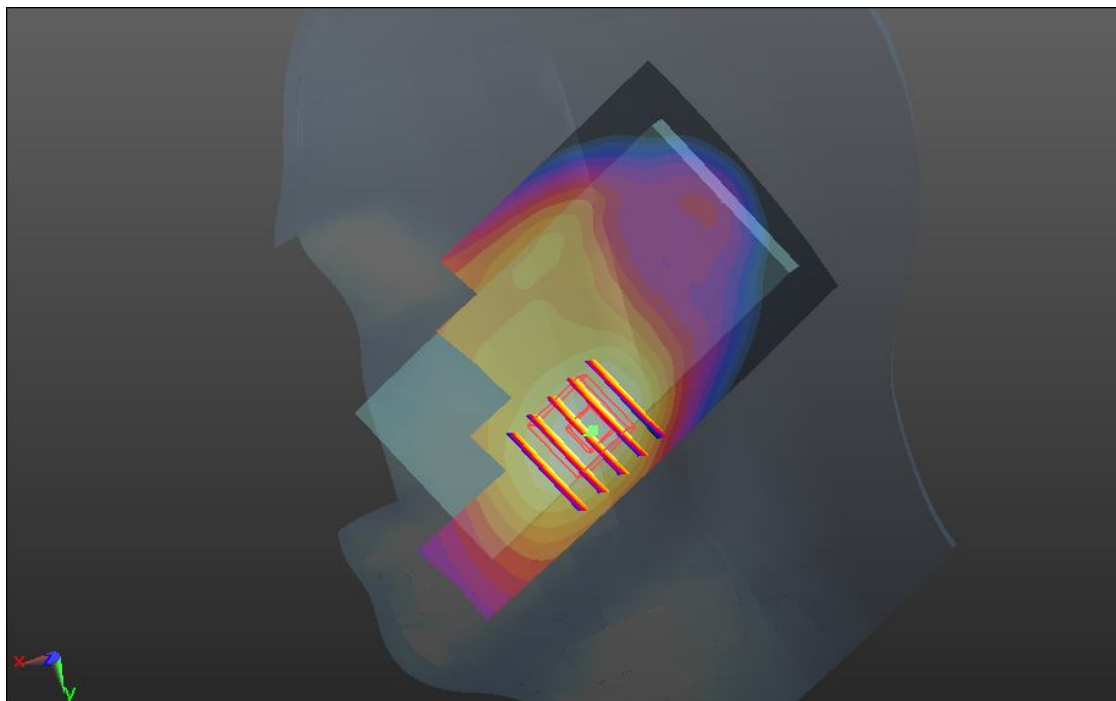
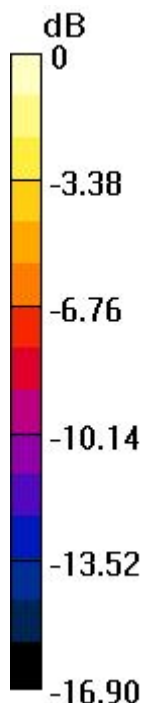
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.734 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.439 mW/g

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg

28_CDMA2000 BC1_RC3 SO55_Right Cheek_Ch25_2D

DUT: 311602

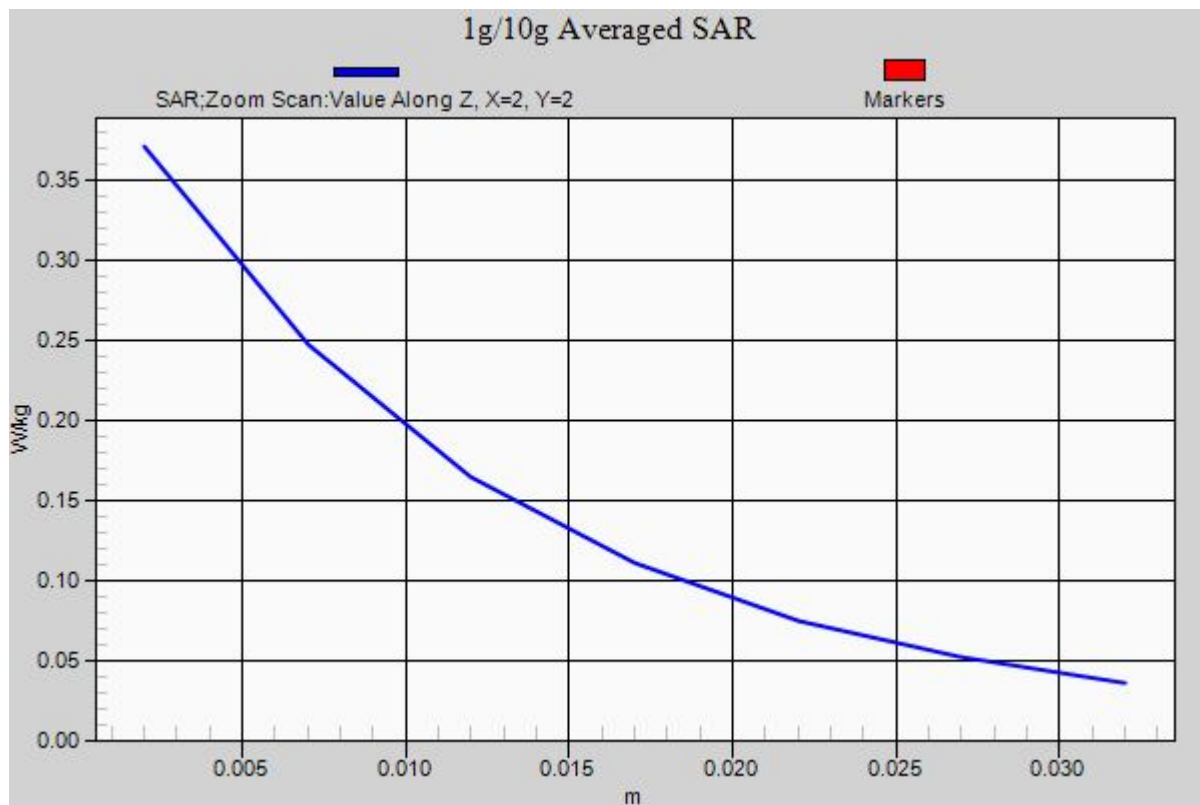
Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130117 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r = 40.812$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.382 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.734 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.439 mW/g
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.371 W/kg



29_CDMA2000 BC1_RC3 SO55_Right Tilted_Ch25

DUT: 311602

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

Medium: HSL_1900_130117 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

40.812 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.151 W/kg

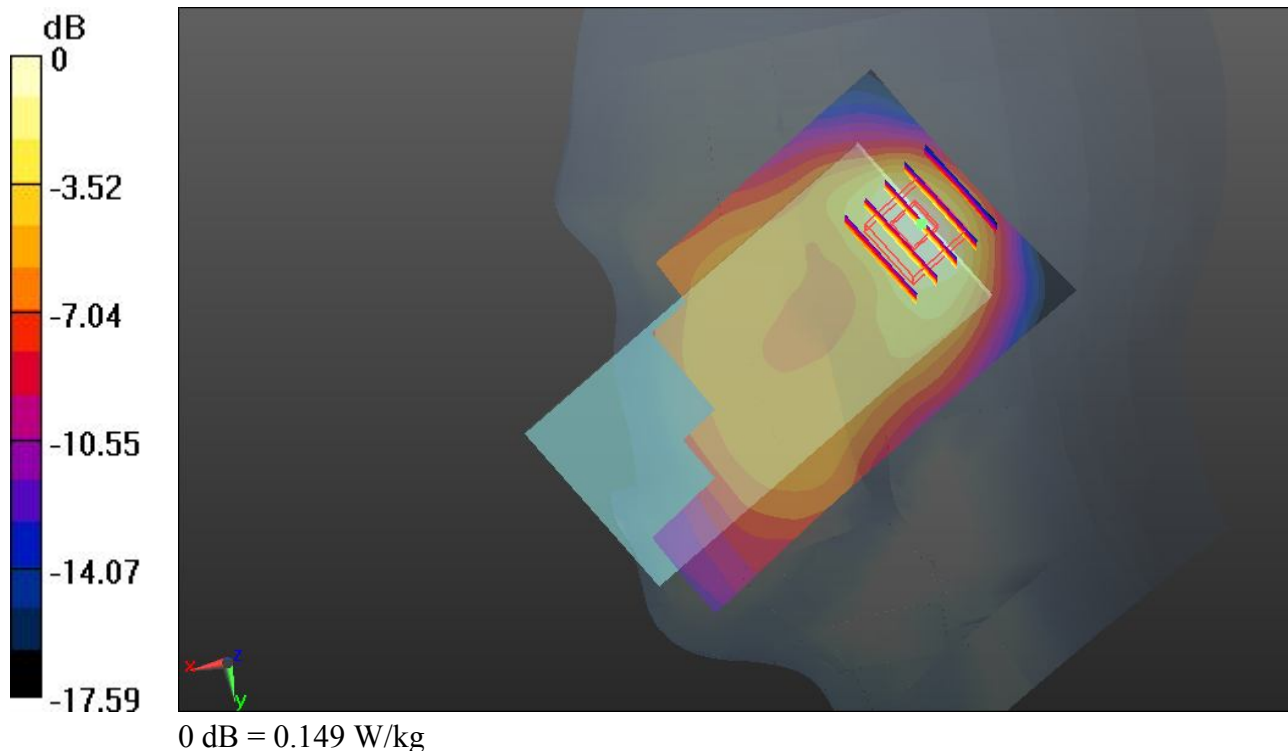
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.664 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.181 mW/g

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.149 W/kg



30_CDMA2000 BC1_RC3 SO55_Left Cheek_Ch25

DUT: 311602

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

Medium: HSL_1900_130117 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

40.812 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.321 W/kg

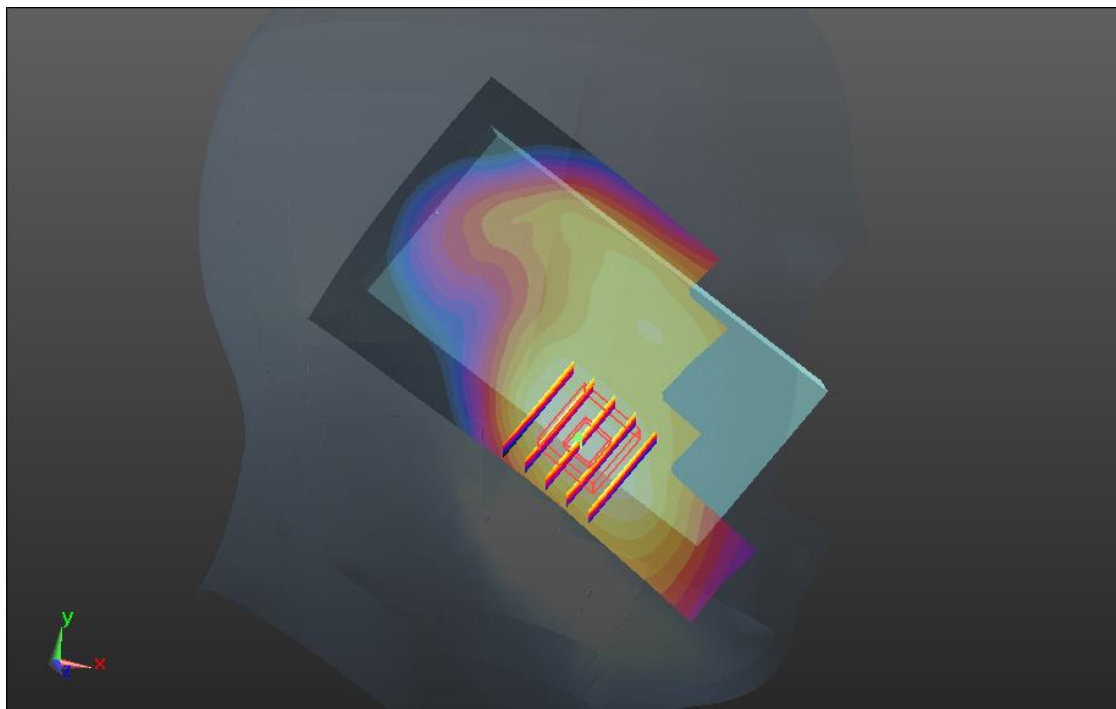
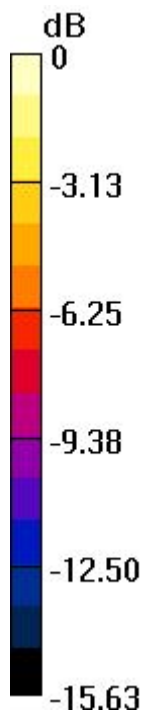
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.482 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.383 mW/g

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg

31_CDMA2000 BC1_RC3 SO55_Left Tilted_Ch25

DUT: 311602

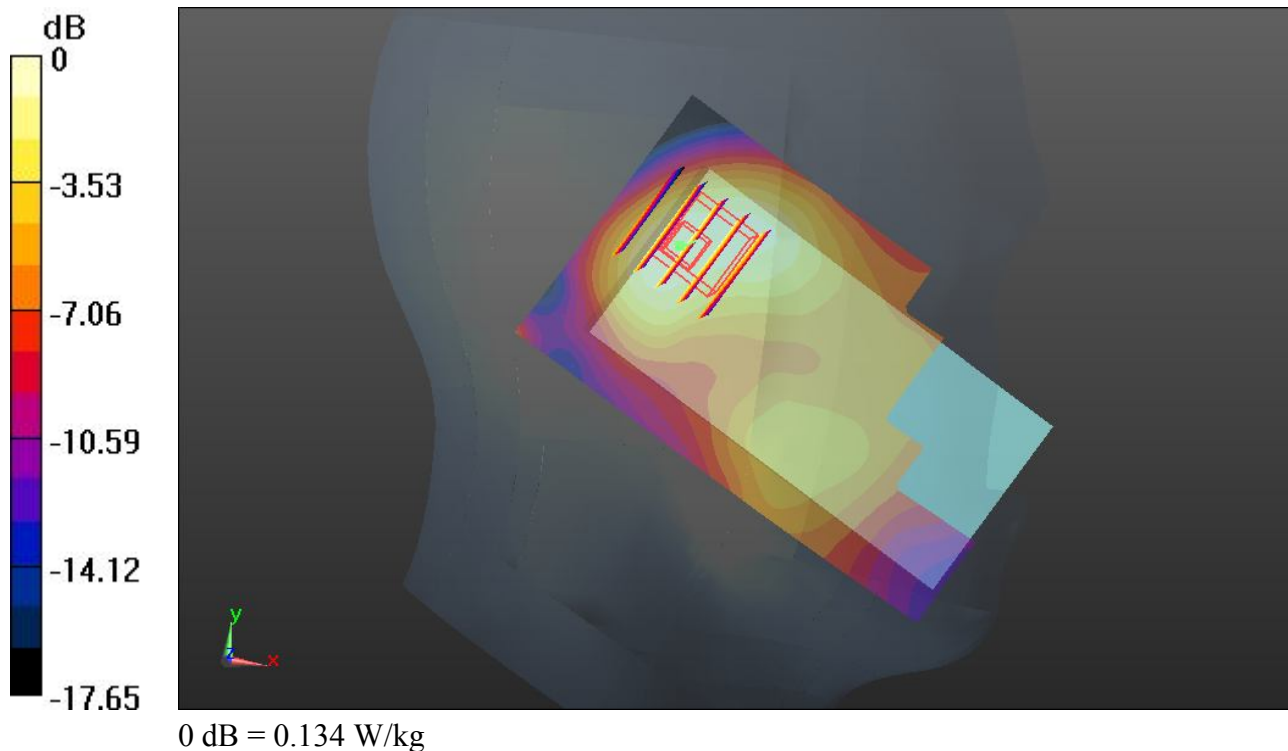
Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1
 Medium: HSL_1900_130117 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.363 \text{ mho/m}$; $\epsilon_r = 40.812$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch25/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.133 W/kg

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.065 V/m ; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.160 mW/g
SAR(1 g) = 0.104 mW/g ; SAR(10 g) = 0.064 mW/g
 Maximum value of SAR (measured) = 0.134 W/kg



168_CDMA2000 BC1_RTEAP 4096_Right Cheek_Ch25

DUT: 311602

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

Medium: HSL_1900_130202 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.352$ mho/m; $\epsilon_r =$

39.384 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.366 W/kg

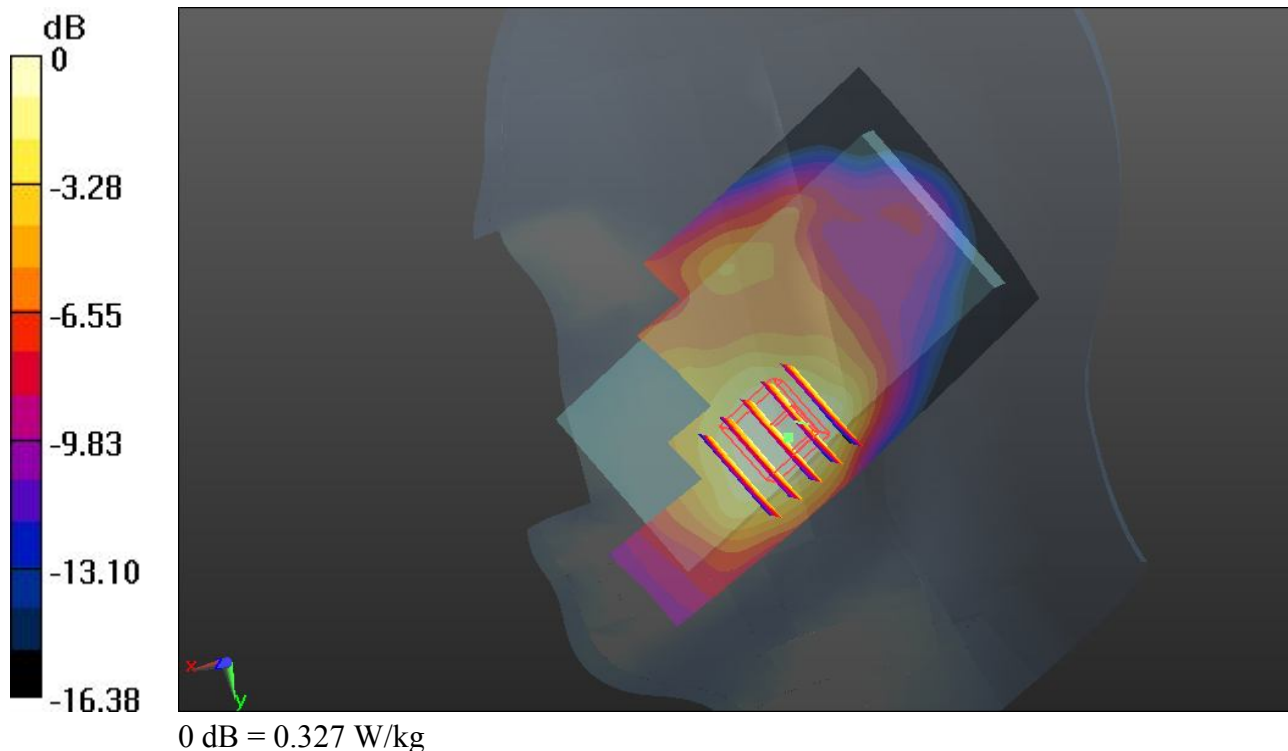
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.527 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.388 mW/g

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.327 W/kg



80_LTE Band 12_10M_QPSK 1RB 49offset_Right Cheek_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 41.579$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.385 W/kg

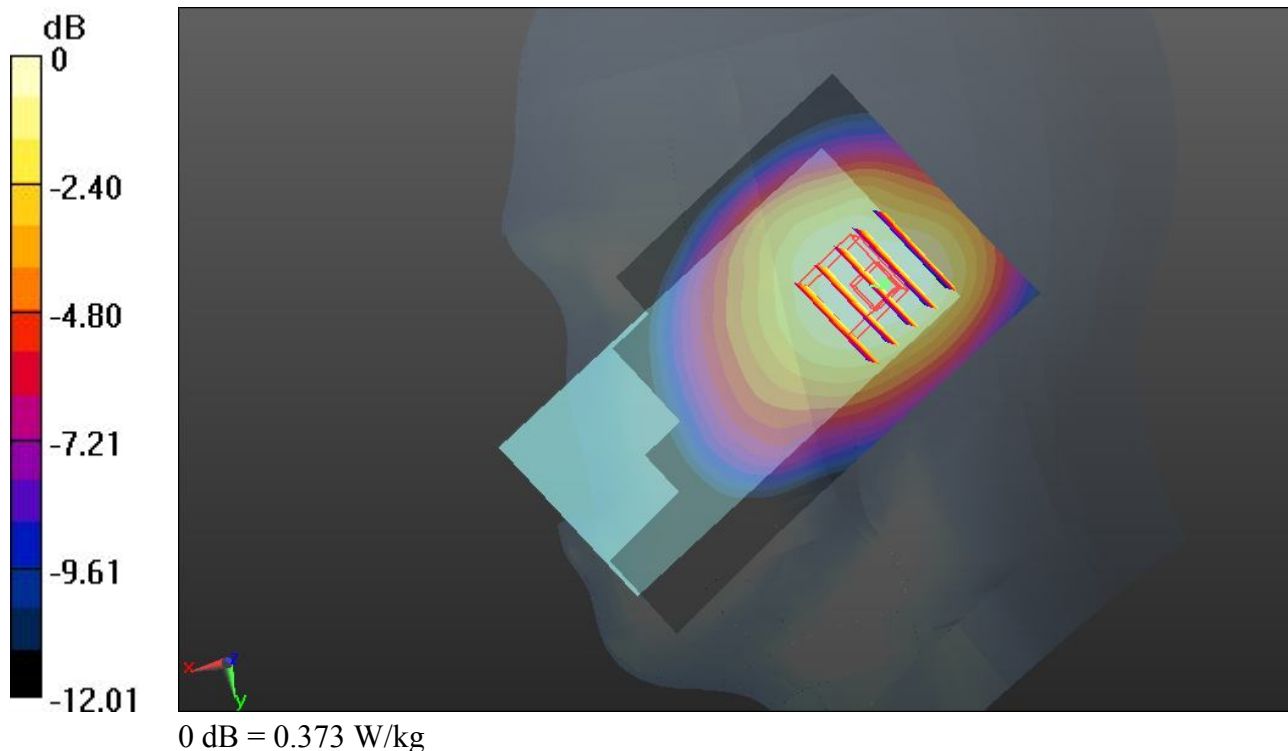
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.650 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.417 mW/g

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.373 W/kg



80_LTE Band 12_10M_QPSK 1RB 49offset_Right Cheek_Ch23130_2D

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 41.579$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.385 W/kg

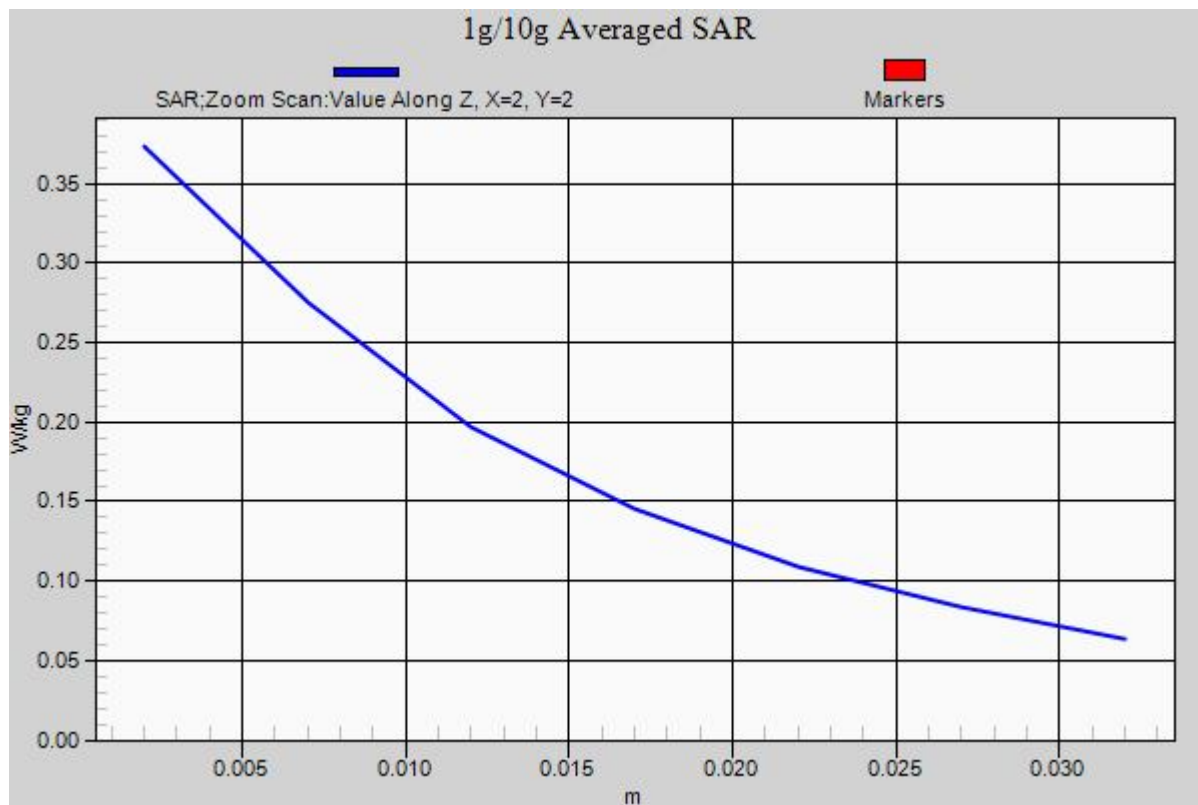
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.650 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.417 mW/g

SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.219 mW/g

Maximum value of SAR (measured) = 0.373 W/kg



81_LTE Band 12_10M_QPSK 1RB 49offset_Right Tilted_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ mho/m}$; $\epsilon_r = 41.579$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.270 W/kg

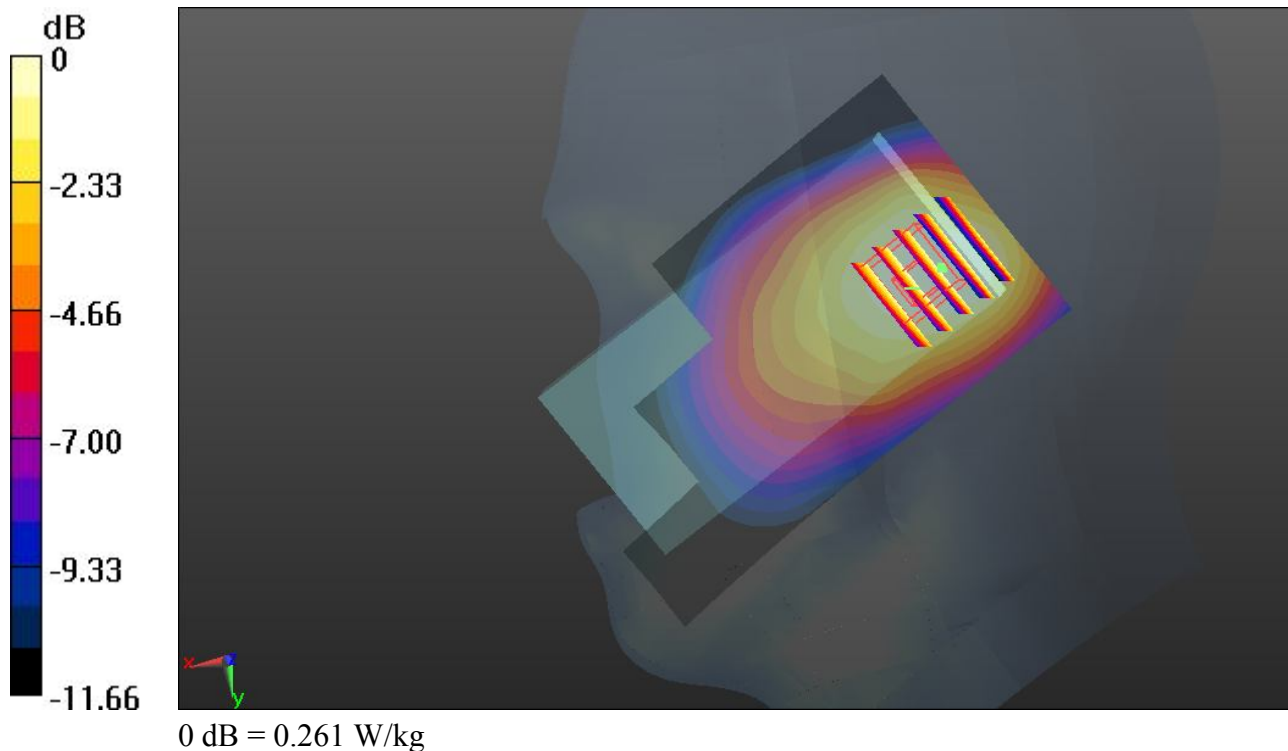
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.141 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.313 mW/g

SAR(1 g) = 0.220 mW/g ; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.261 W/kg



82_LTE Band 12_10M_QPSK 1RB 49offset_Left Cheek_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ mho/m}$; $\epsilon_r = 41.579$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.379 W/kg

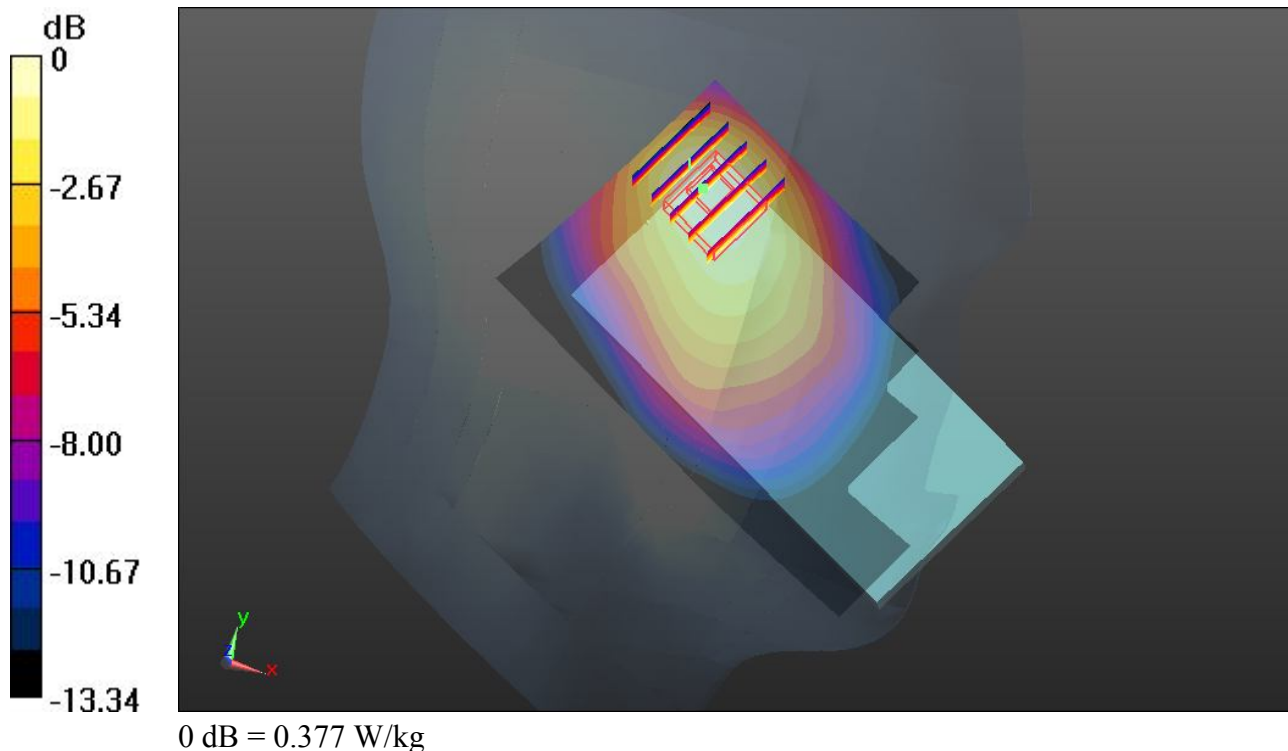
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.648 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.497 mW/g

SAR(1 g) = 0.286 mW/g ; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.377 W/kg



83_LTE Band 12_10M_QPSK 1RB 49offset_Left Tilted_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 41.579$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=18mm, dy=18mm

Maximum value of SAR (interpolated) = 0.363 W/kg

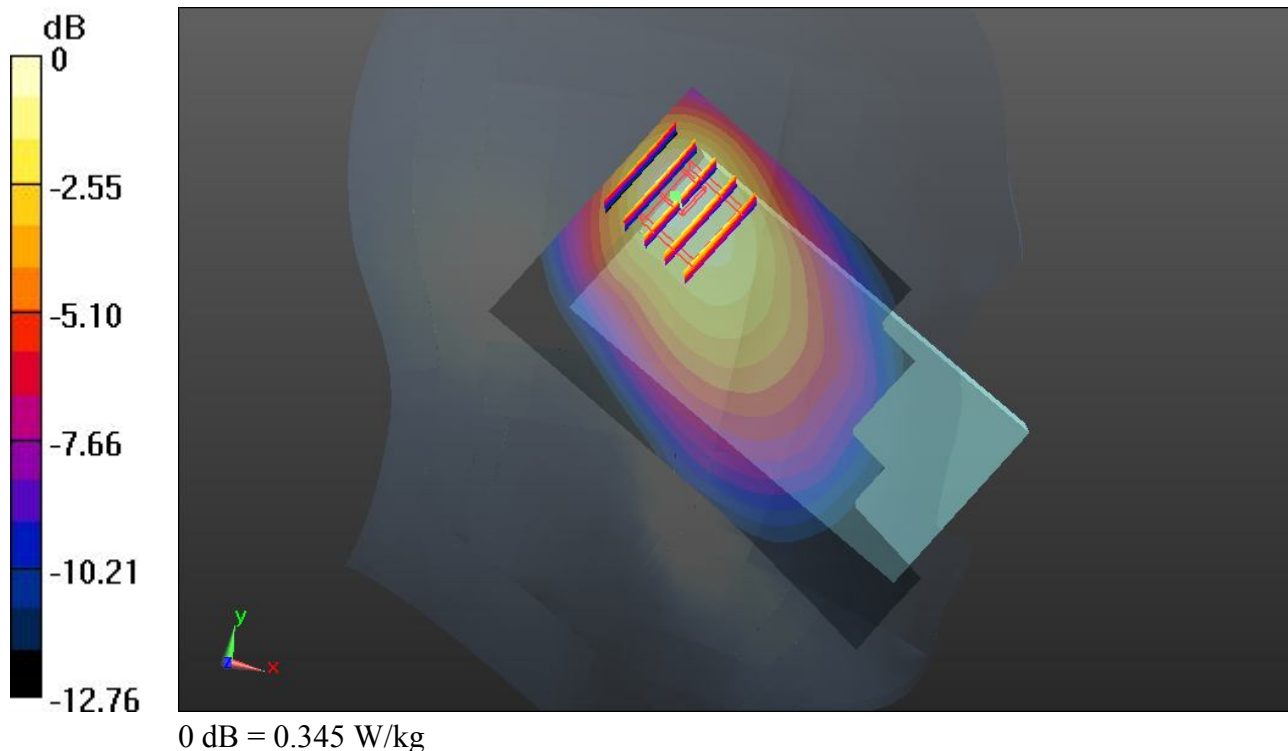
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.964 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.448 mW/g

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.345 W/kg



84_LTE Band 12_10M_QPSK 25RB 0offset_Right Cheek_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ mho/m}$; $\epsilon_r = 41.579$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.193 W/kg

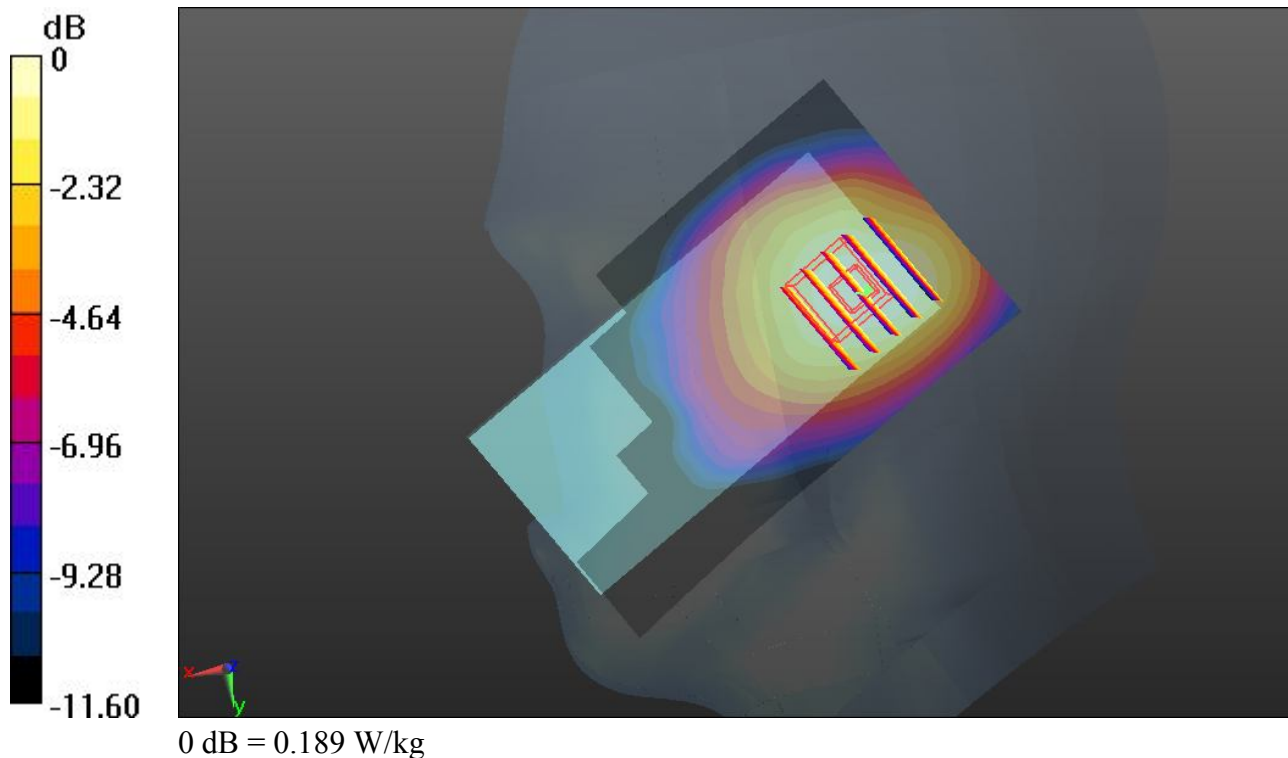
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.092 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.215 mW/g

SAR(1 g) = 0.154 mW/g ; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.189 W/kg



85_LTE Band 12_10M_QPSK 25RB 0offset_Right Tilted_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 41.579$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 W/kg

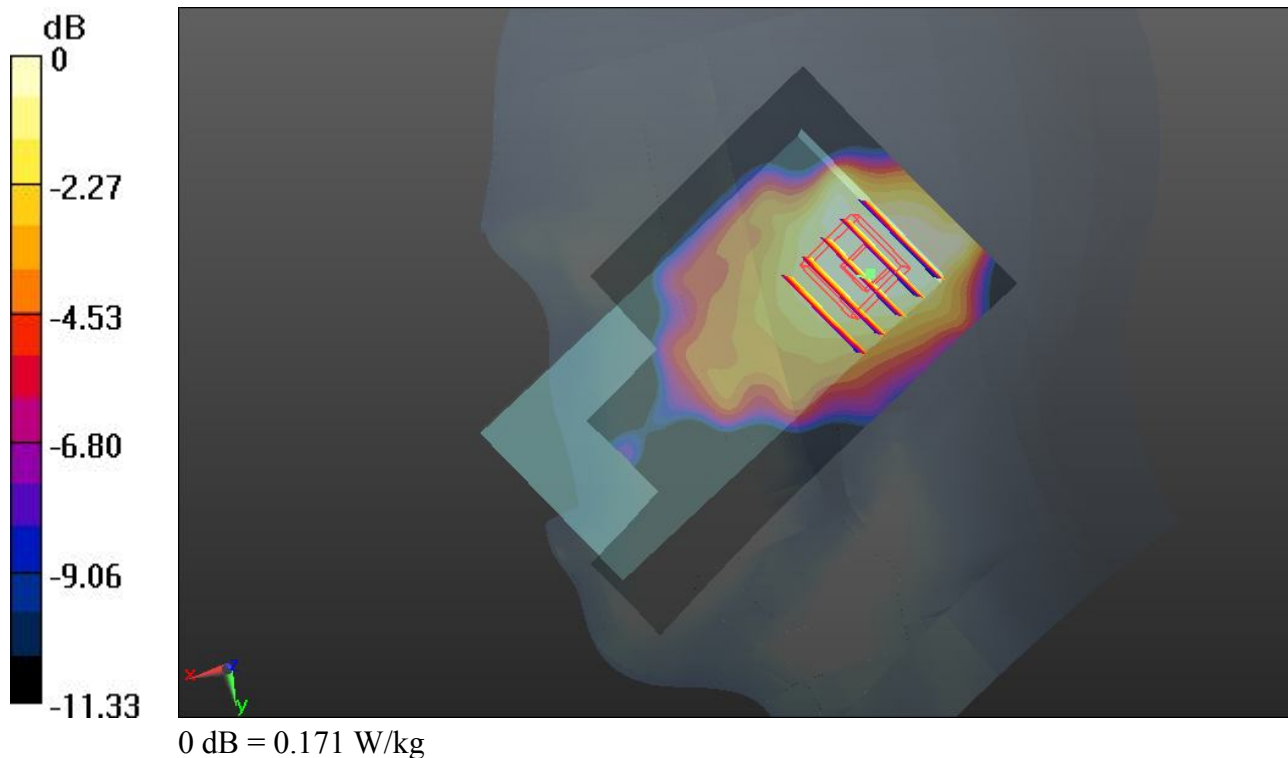
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.478 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.195 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.171 W/kg



86_LTE Band 12_10M_QPSK 25RB 0offset_Left Cheek_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.859 \text{ mho/m}$; $\epsilon_r = 41.579$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.275 W/kg

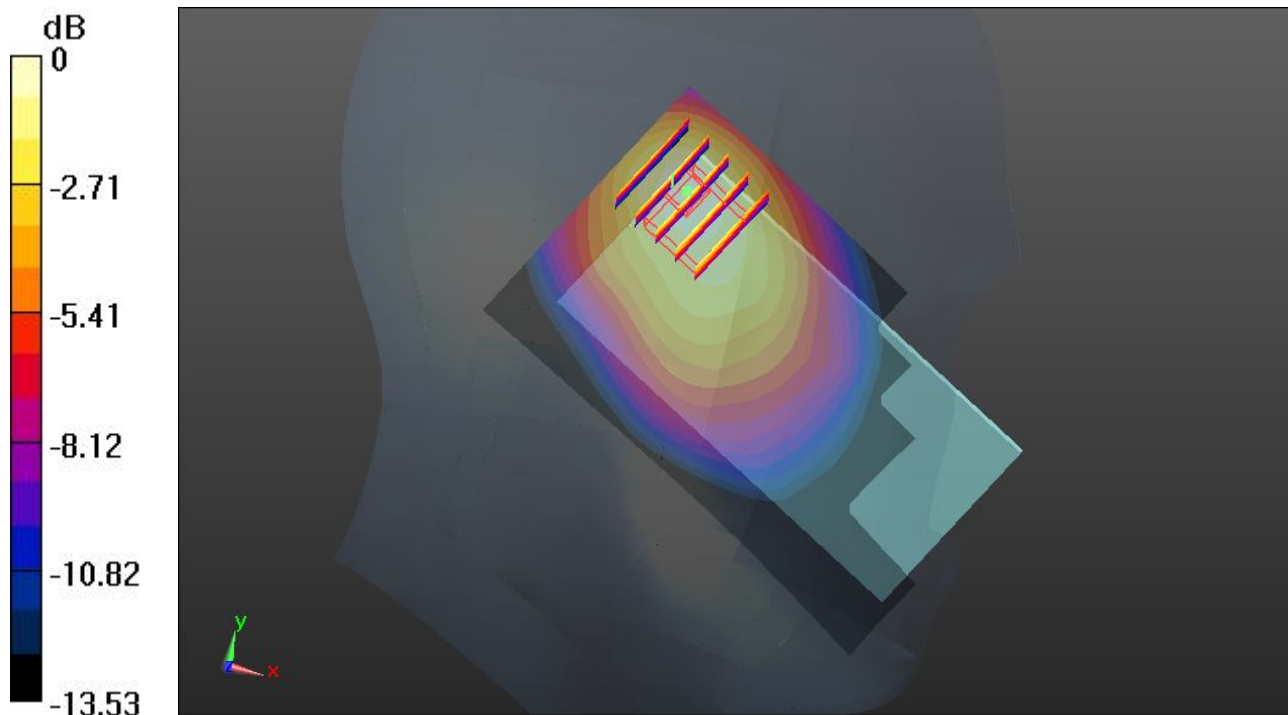
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.974 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.372 mW/g

SAR(1 g) = 0.211 mW/g ; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg

86_LTE Band 12_10M_QPSK 25RB 0offset_Left Cheek_Ch23130_2D

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 41.579$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 W/kg

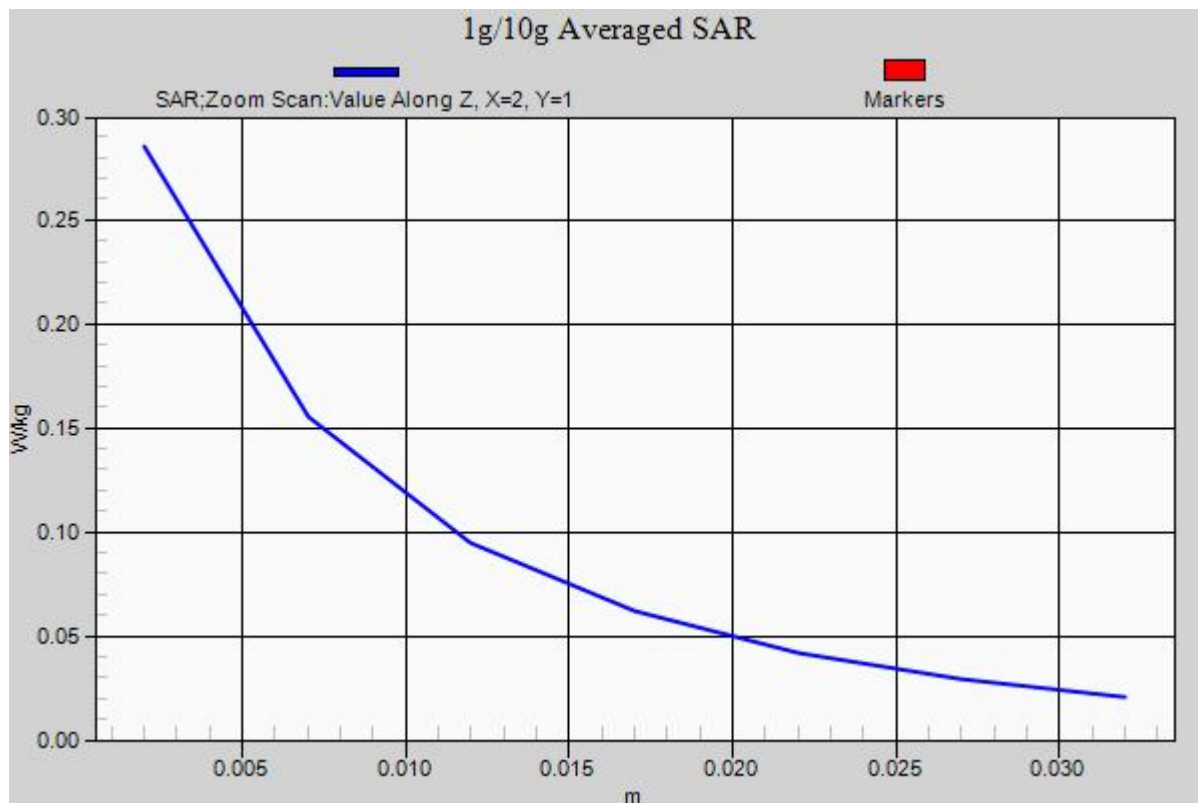
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.974 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.372 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.285 W/kg



87_ LTE Band 12_10M_QPSK 25RB 0offset_Left Tilted_Ch23130

DUT: 311602

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL_750_130114 Medium parameters used: $f = 711$ MHz; $\sigma = 0.859$ mho/m; $\epsilon_r = 41.579$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.97, 9.97, 9.97); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23130/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.246 W/kg

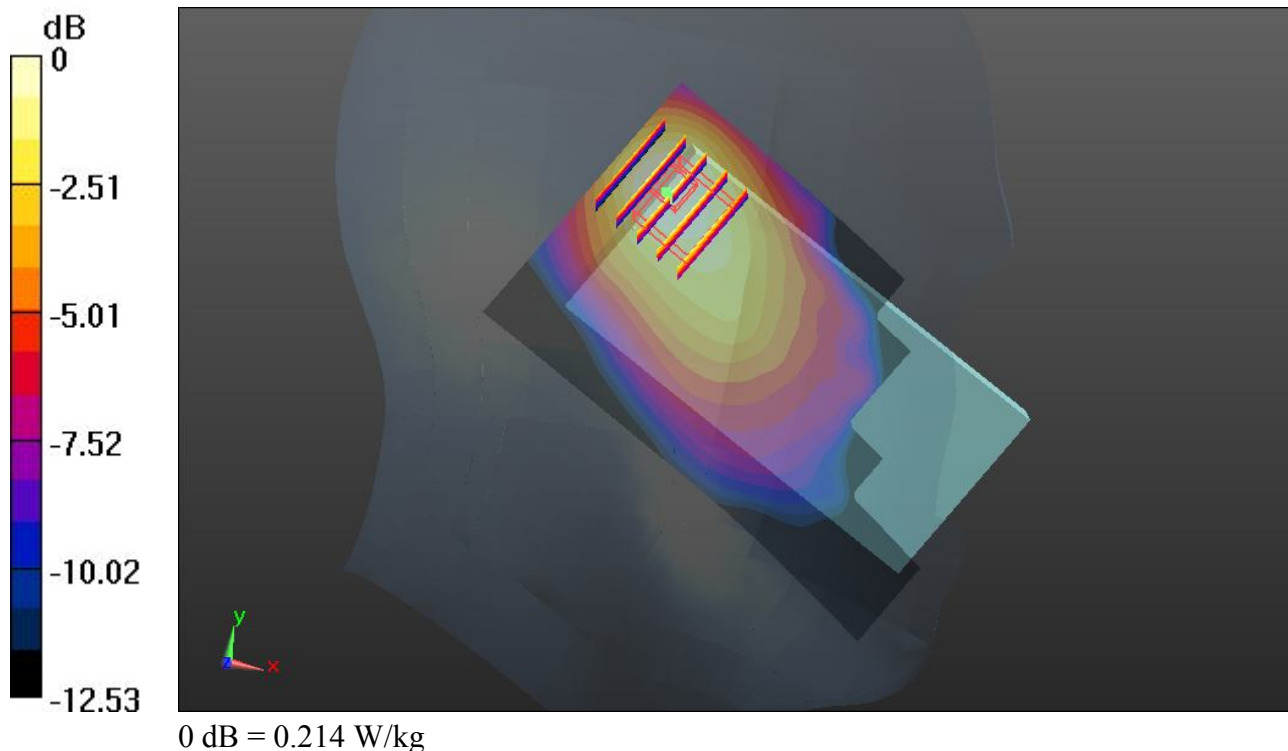
Ch23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.052 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.284 mW/g

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.214 W/kg



32_LTE Band 4_10M_QPSK 1RB 0offset_Right Cheek_Ch20175

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r =$

41.426; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.749 W/kg

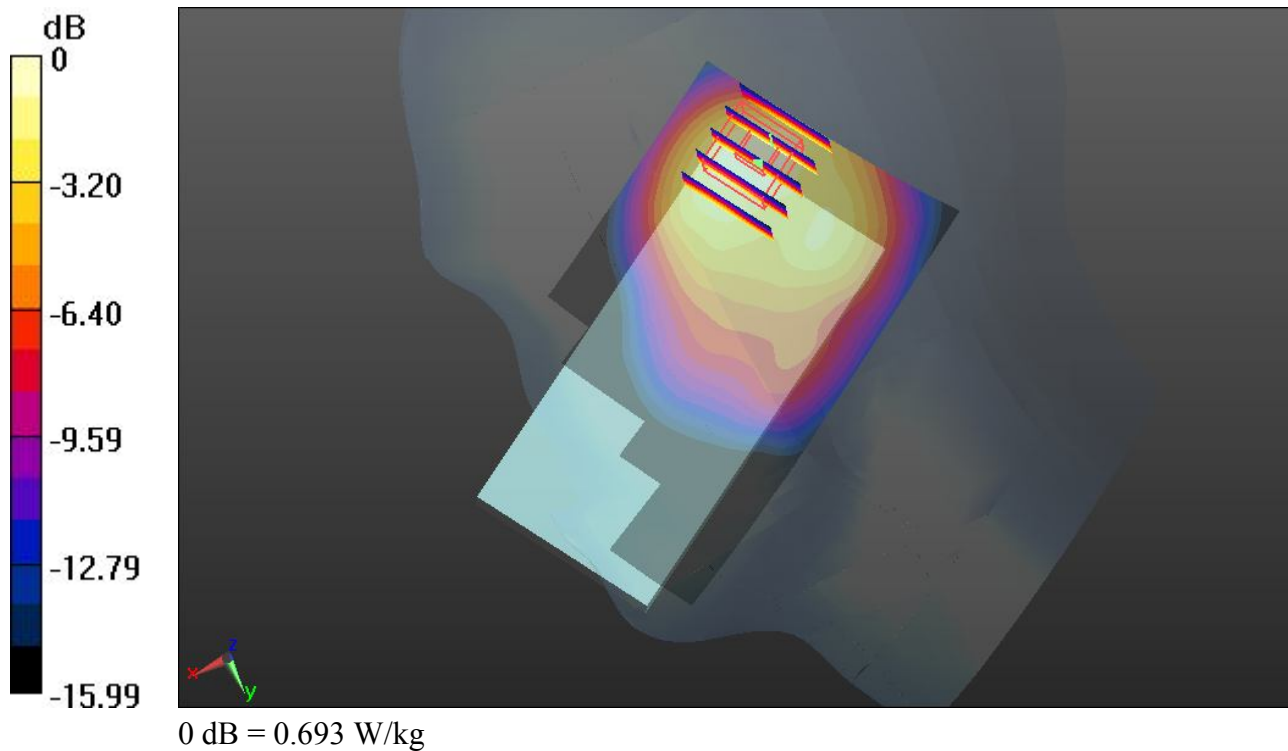
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.720 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.899 mW/g

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.693 W/kg



33_LTE Band 4_10M_QPSK 1RB 0offset_Right Tilted_Ch20175

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 41.426$; $\rho = 1000$ kg/m³

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

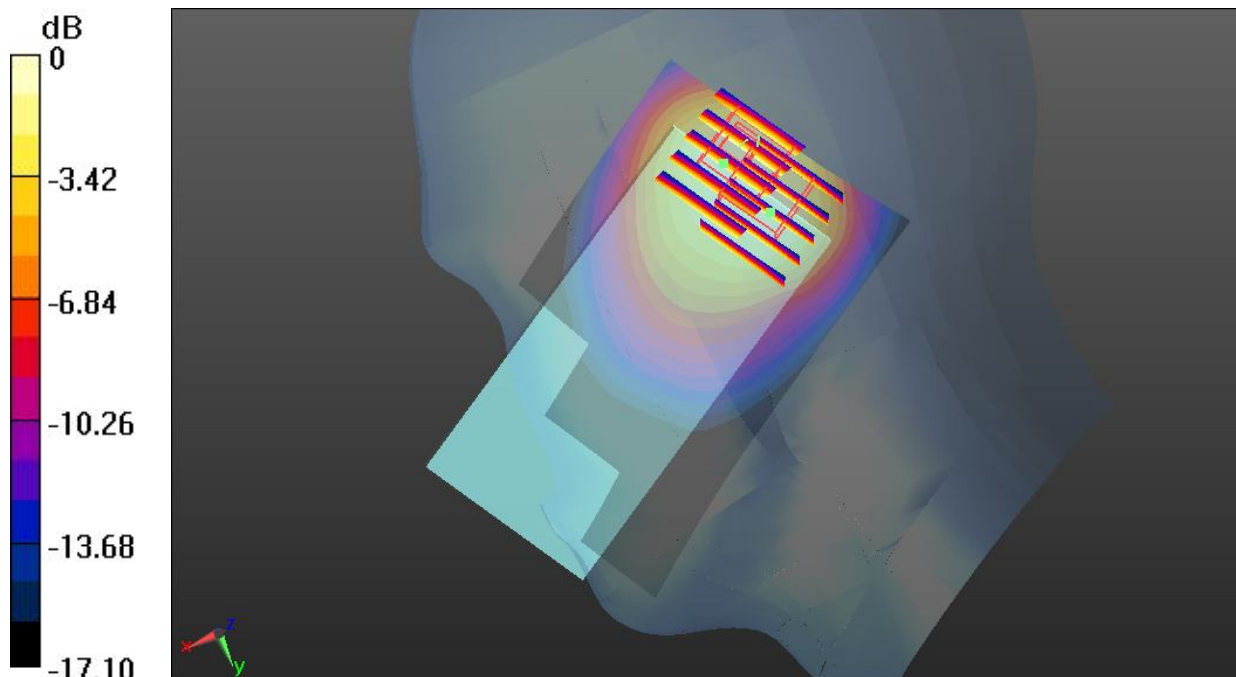
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.740 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 22.062 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 0.997 mW/g
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.320 mW/g
 Maximum value of SAR (measured) = 0.806 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 22.062 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 0.877 mW/g
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.284 mW/g
 Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg

34_LTE Band 4_10M_QPSK 1RB 0offset_Left Cheek_Ch20175

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r =$

41.426; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.778 W/kg

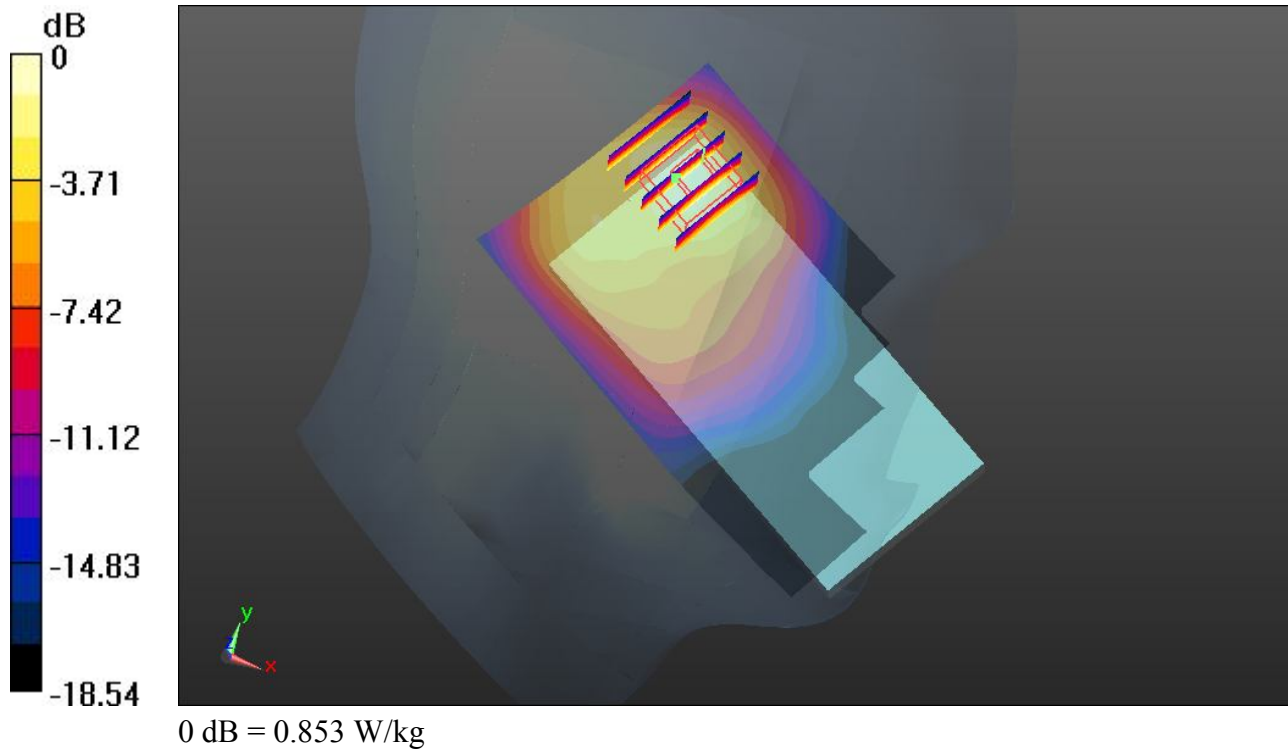
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.698 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.216 mW/g

SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.853 W/kg



35_LTE Band 4_10M_QPSK 1RB 0offset_Left Tilted_Ch20175

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r =$

41.426; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.988 W/kg

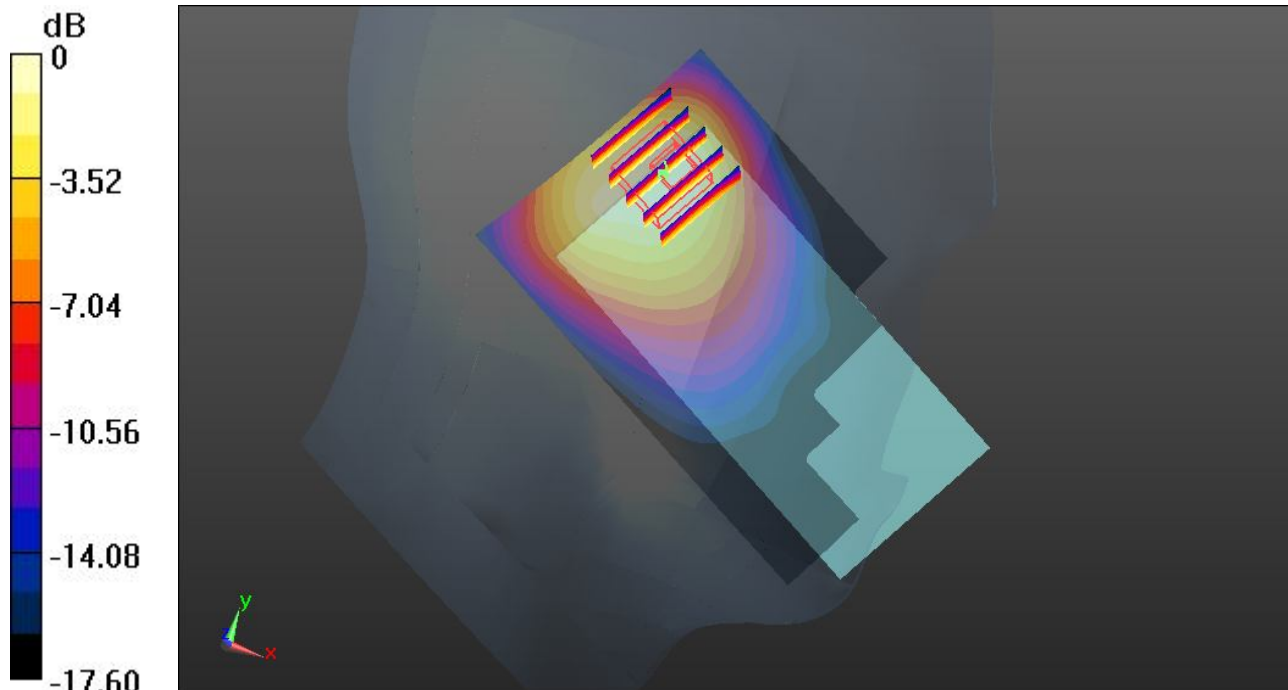
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.948 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.164 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.866 W/kg



0 dB = 0.866 W/kg

35_LTE Band 4_10M_QPSK 1RB 0offset_Left Tilted_Ch20175_2D

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r =$

41.426; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.988 W/kg

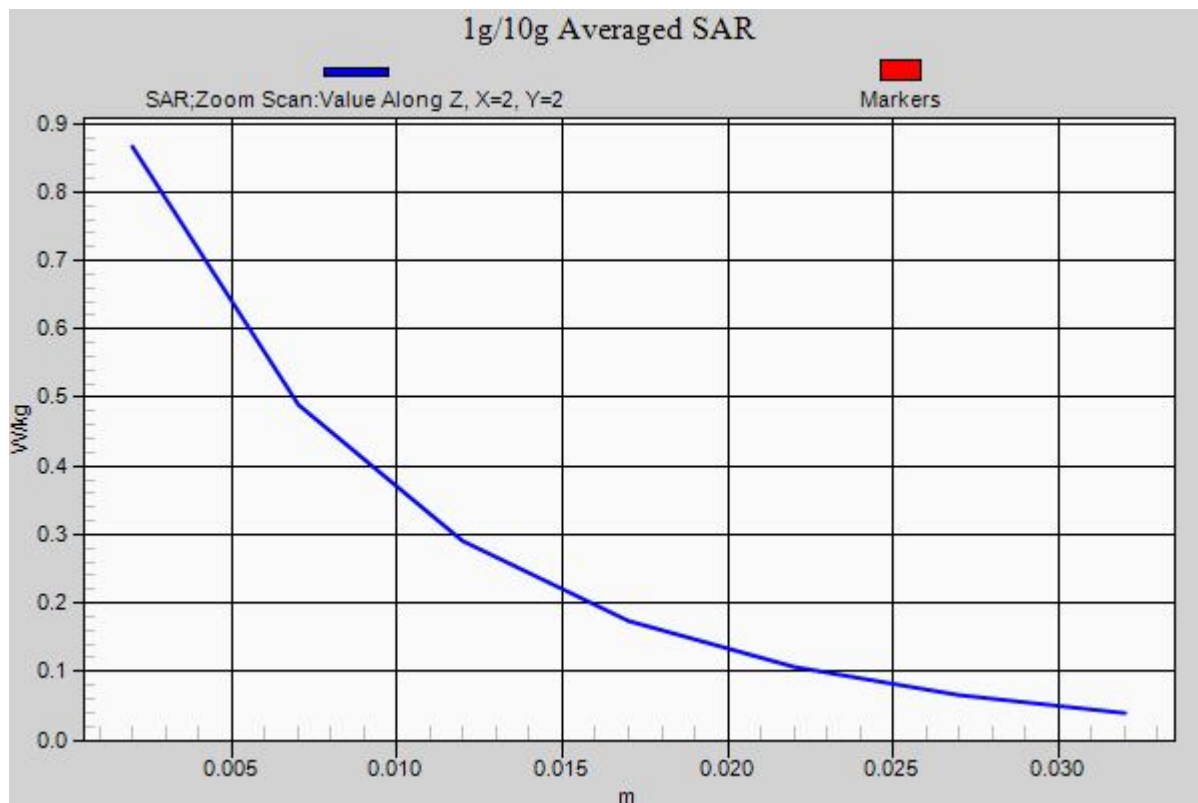
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.948 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.164 mW/g

SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.866 W/kg



36_LTE Band 4_10M_QPSK 25RB 0offset_Right Cheek_Ch20350

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r = 41.34$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.838 W/kg

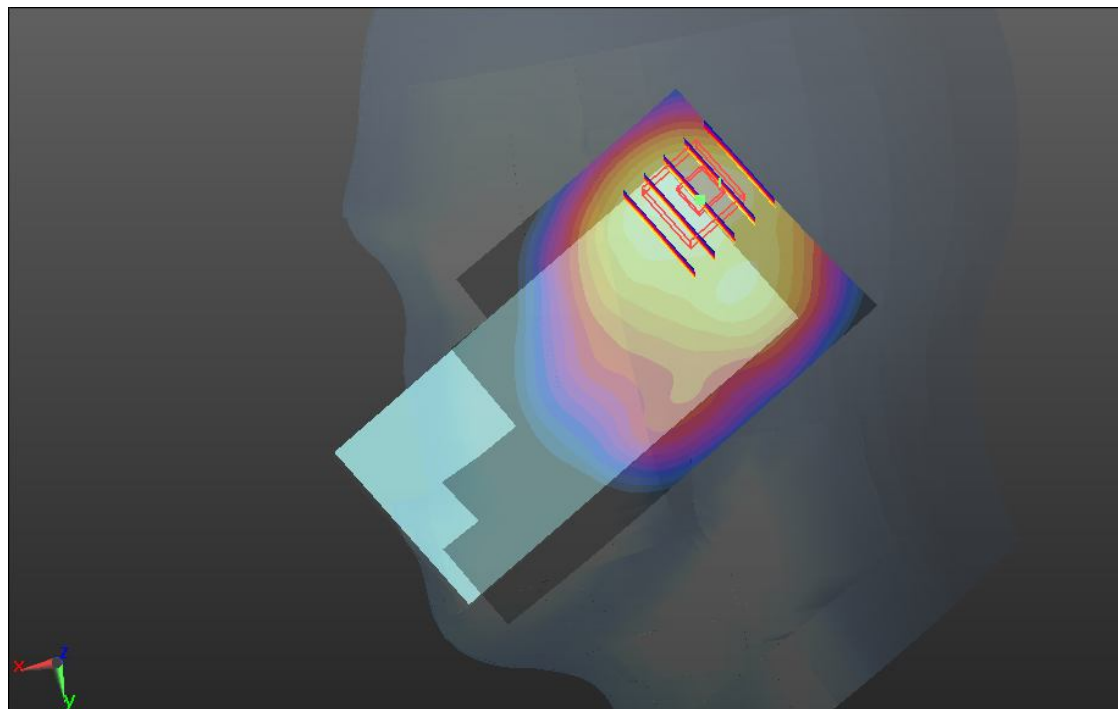
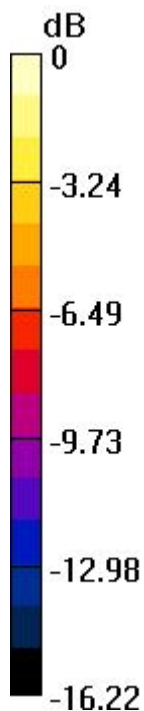
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.585 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.986 mW/g

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.744 W/kg



0 dB = 0.744 W/kg

37_LTE Band 4_10M_QPSK 25RB 0offset_Right Tilted_Ch20350

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

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

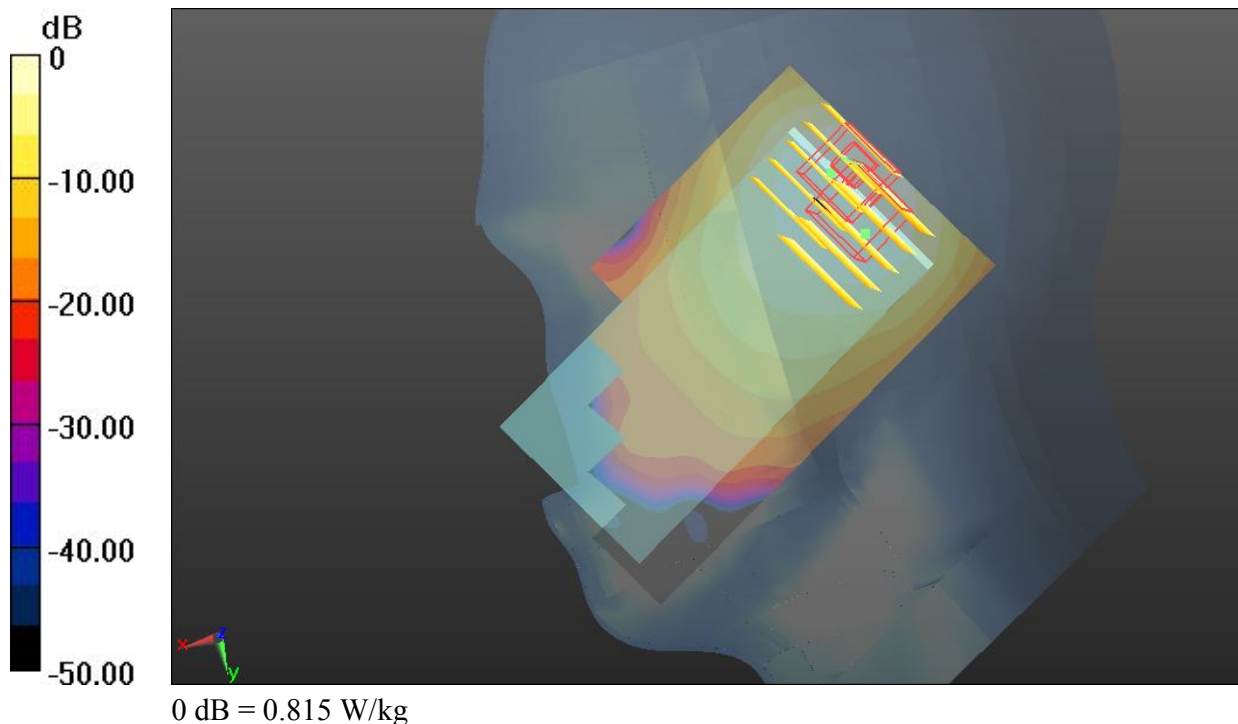
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.795 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.213 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 1.060 mW/g
SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.350 mW/g
 Maximum value of SAR (measured) = 0.857 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.213 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 1.002 mW/g
SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.314 mW/g
 Maximum value of SAR (measured) = 0.815 W/kg



38_LTE Band 4_10M_QPSK 25RB 0offset_Left Cheek_Ch20350

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

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

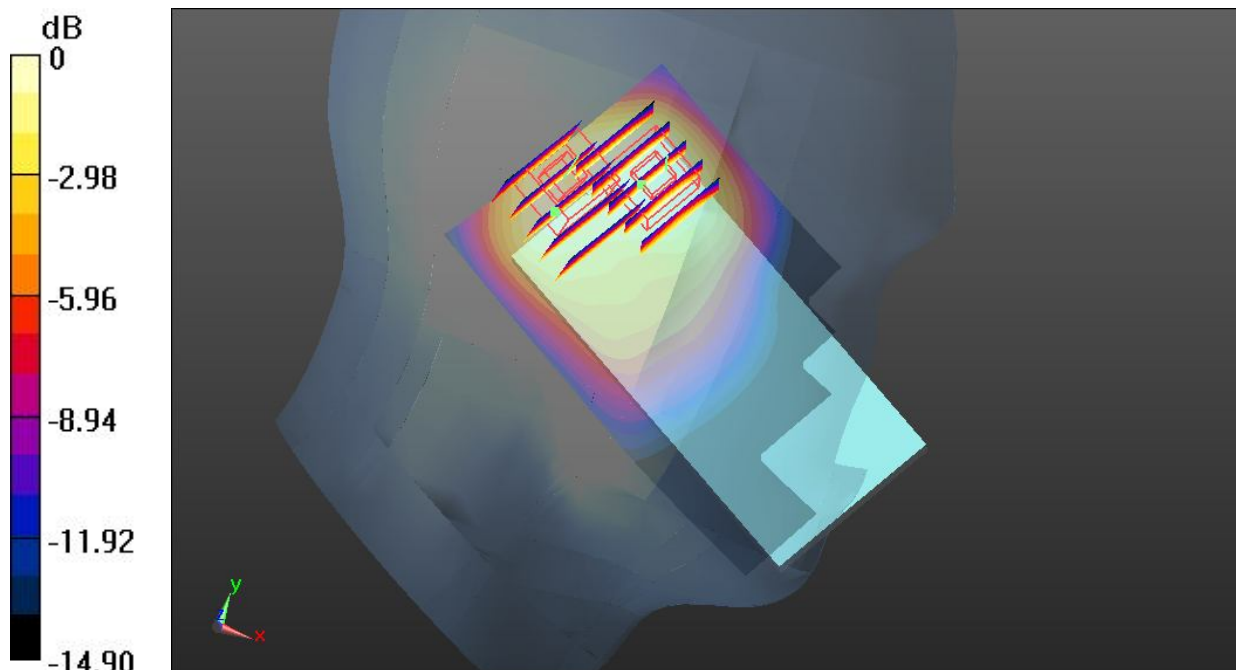
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.909 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 26.628 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.371 mW/g
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.375 mW/g
 Maximum value of SAR (measured) = 0.951 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 26.628 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.727 mW/g
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.261 mW/g
 Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg

38_LTE Band 4_10M_QPSK 25RB 0offset_Left Cheek_Ch20350_2D

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.909 W/kg

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

Reference Value = 26.628 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.371 mW/g

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.951 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

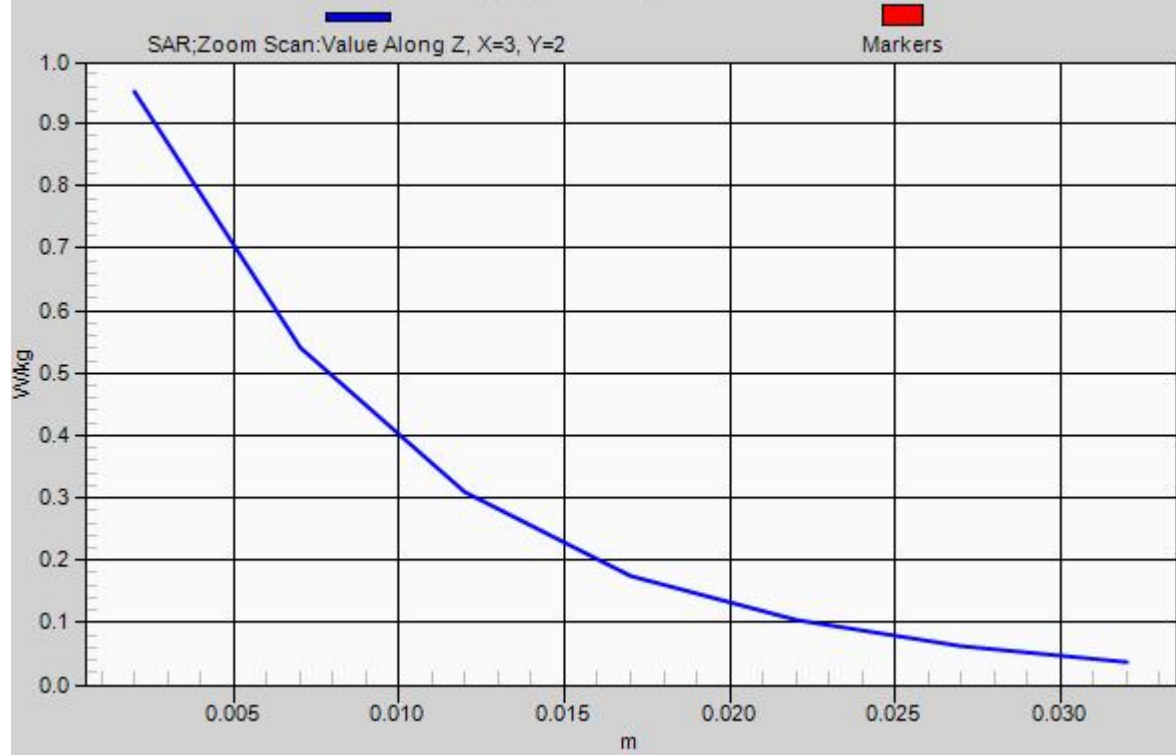
Reference Value = 26.628 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.727 mW/g

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.612 W/kg

1g/10g Averaged SAR



39_LTE Band 4_10M_QPSK 25RB 0offset_Left Tilted_Ch20350

DUT: 311602

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

Medium: HSL_1750_130113 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r = 41.34$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 1.06 W/kg

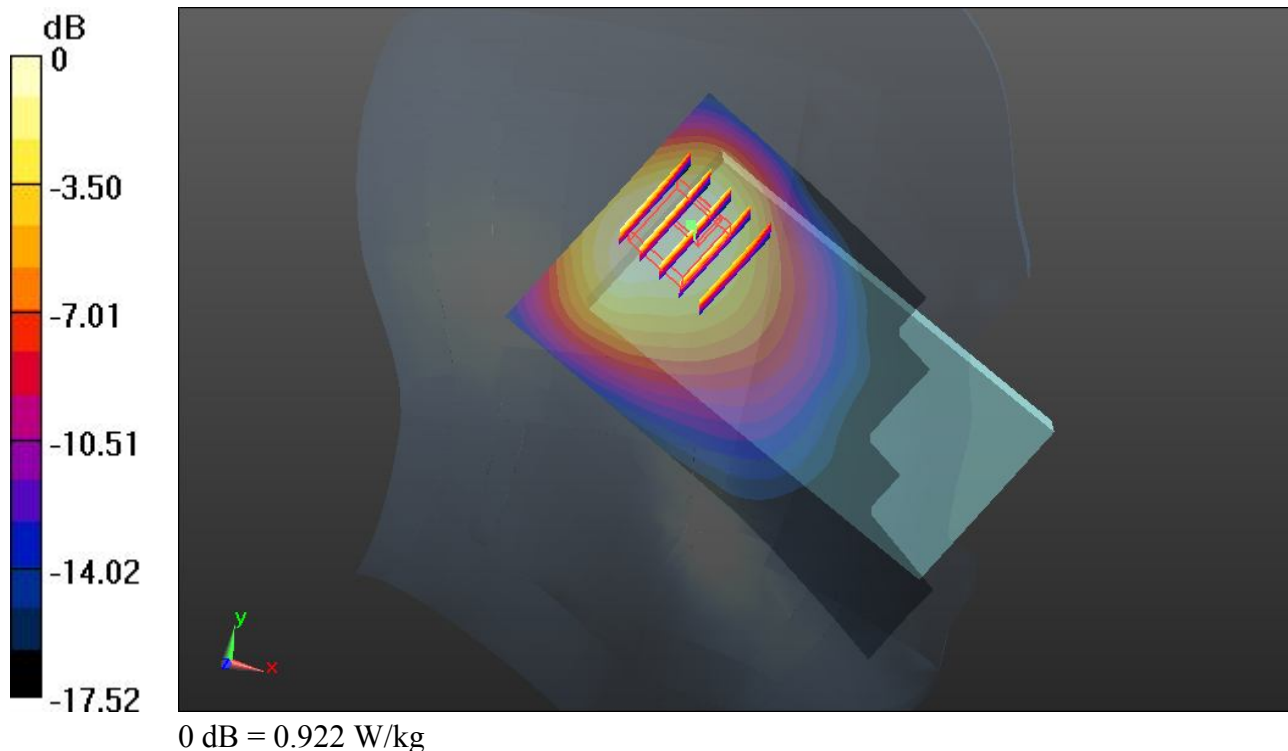
Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.911 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.255 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.922 W/kg



40_LTE Band 25_10M_QPSK 1RB 0offset_Right Cheek_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

41.183 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.737 W/kg

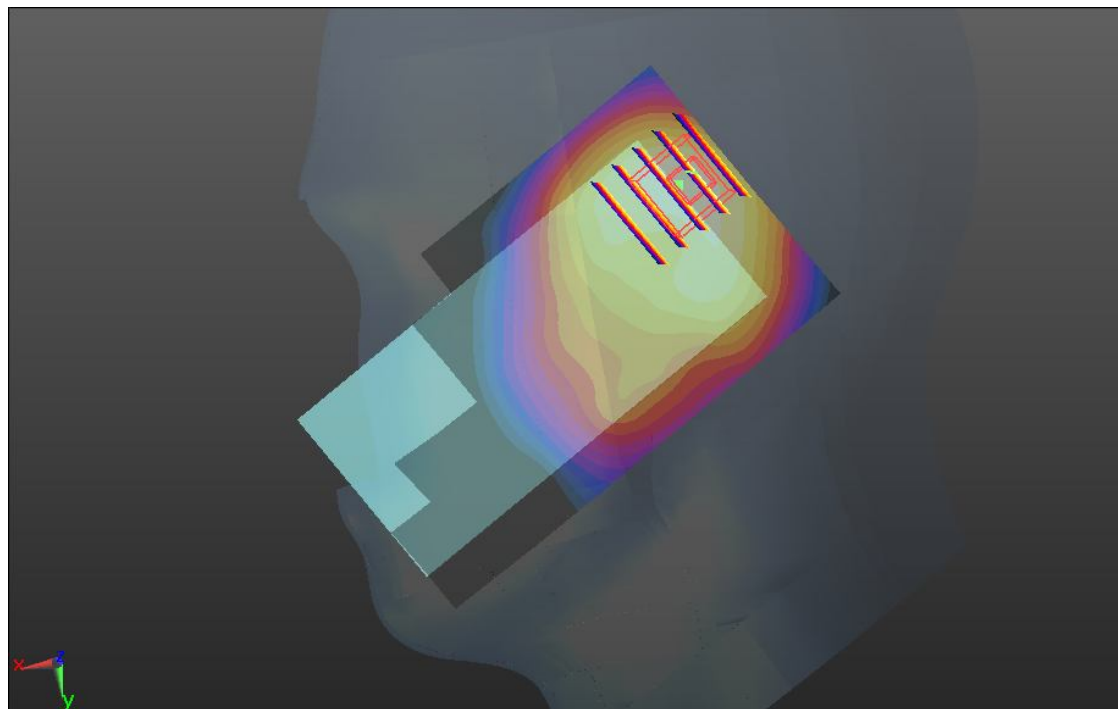
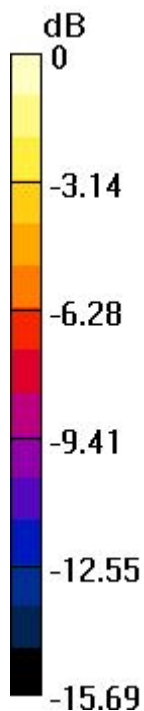
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.276 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.883 mW/g

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg

41_LTE Band 25_10M_QPSK 1RB 0offset_Right Tilted_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

41.183; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.818 W/kg

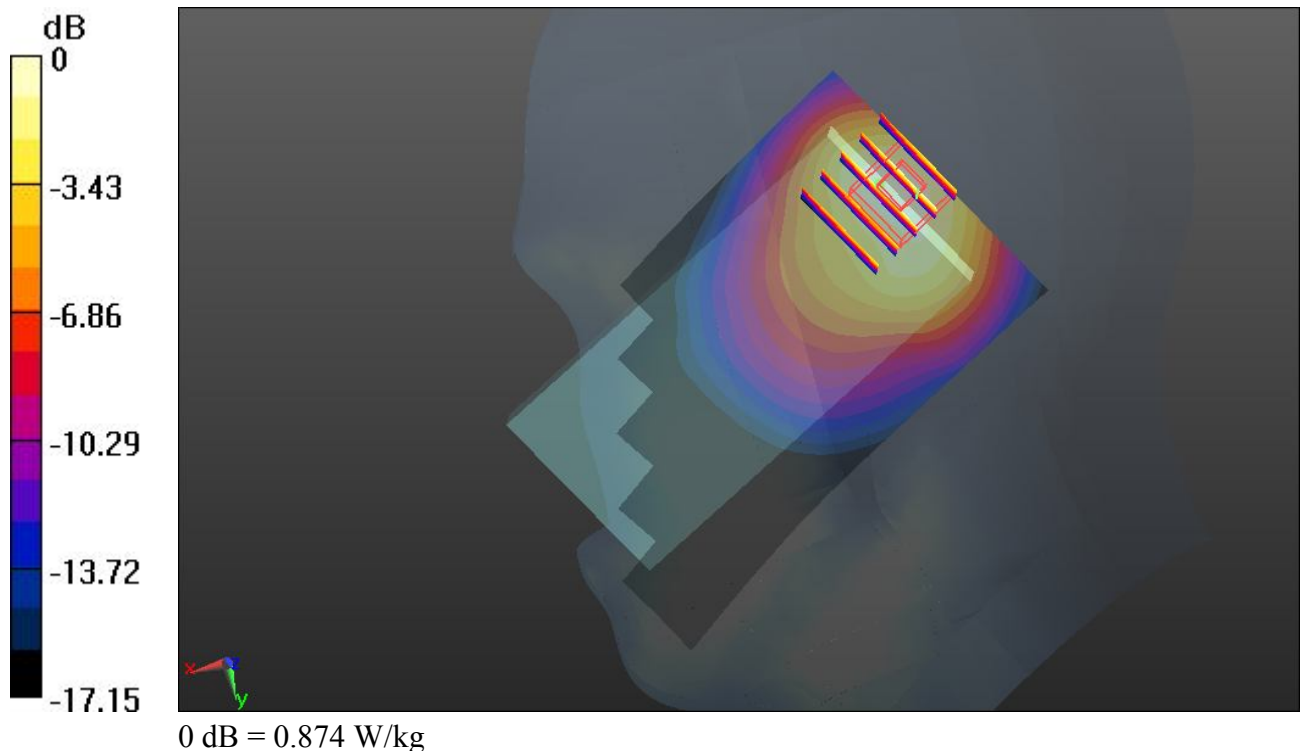
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.729 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.124 mW/g

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.874 W/kg



42_LTE Band 25_10M_QPSK 1RB 0offset_Left Cheek_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

41.183; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.858 W/kg

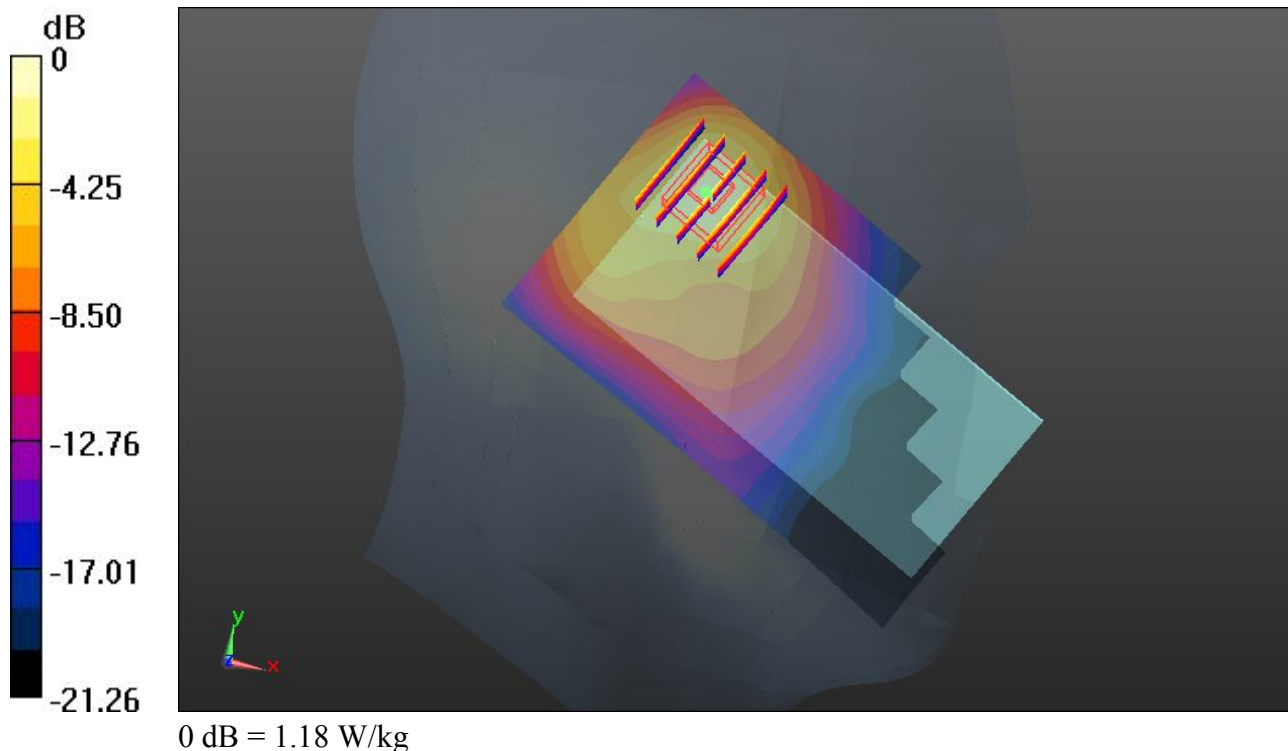
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.763 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.584 mW/g

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 1.18 W/kg



43_LTE Band 25_10M_QPSK 1RB 0offset_Left Tilted_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.406$ mho/m; $\epsilon_r =$

41.183; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 W/kg

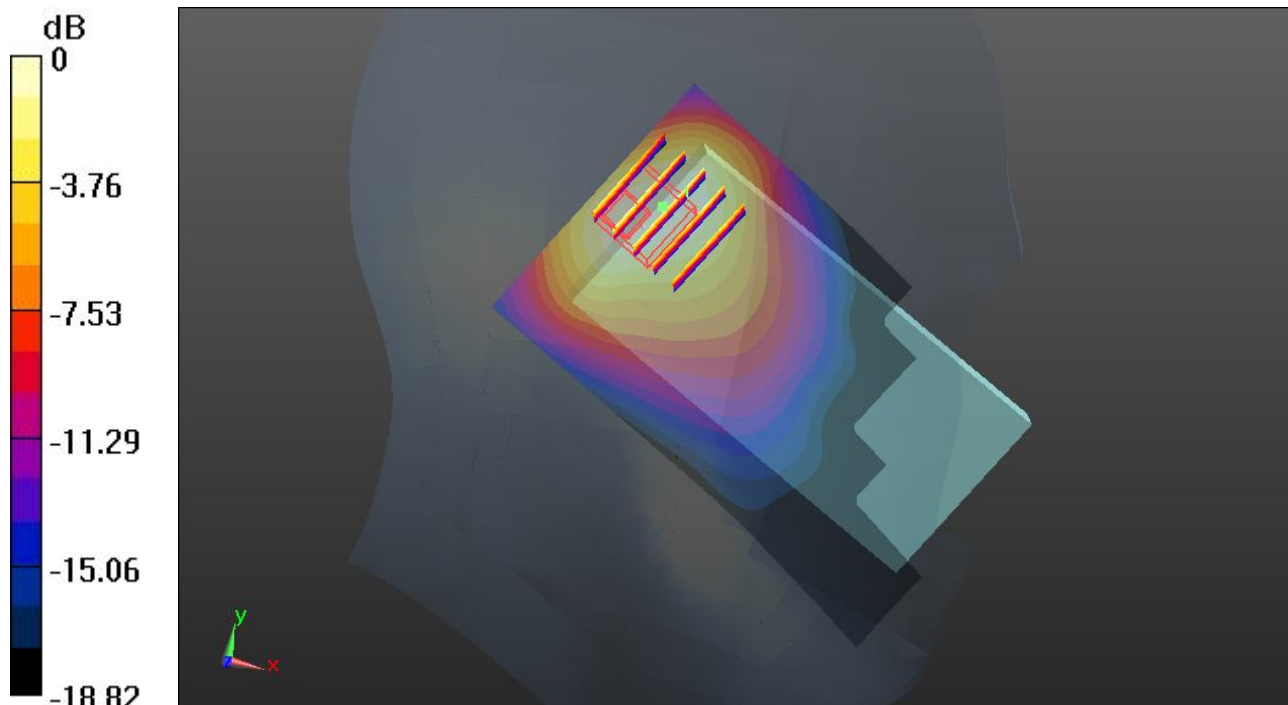
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.183 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.489 mW/g

SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg

44_LTE Band 25_10M_QPSK 1RB 0offset_Left Cheek_Ch26090

DUT: 311602

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

Medium: HSL_1900_130113 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41.235$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.817 W/kg

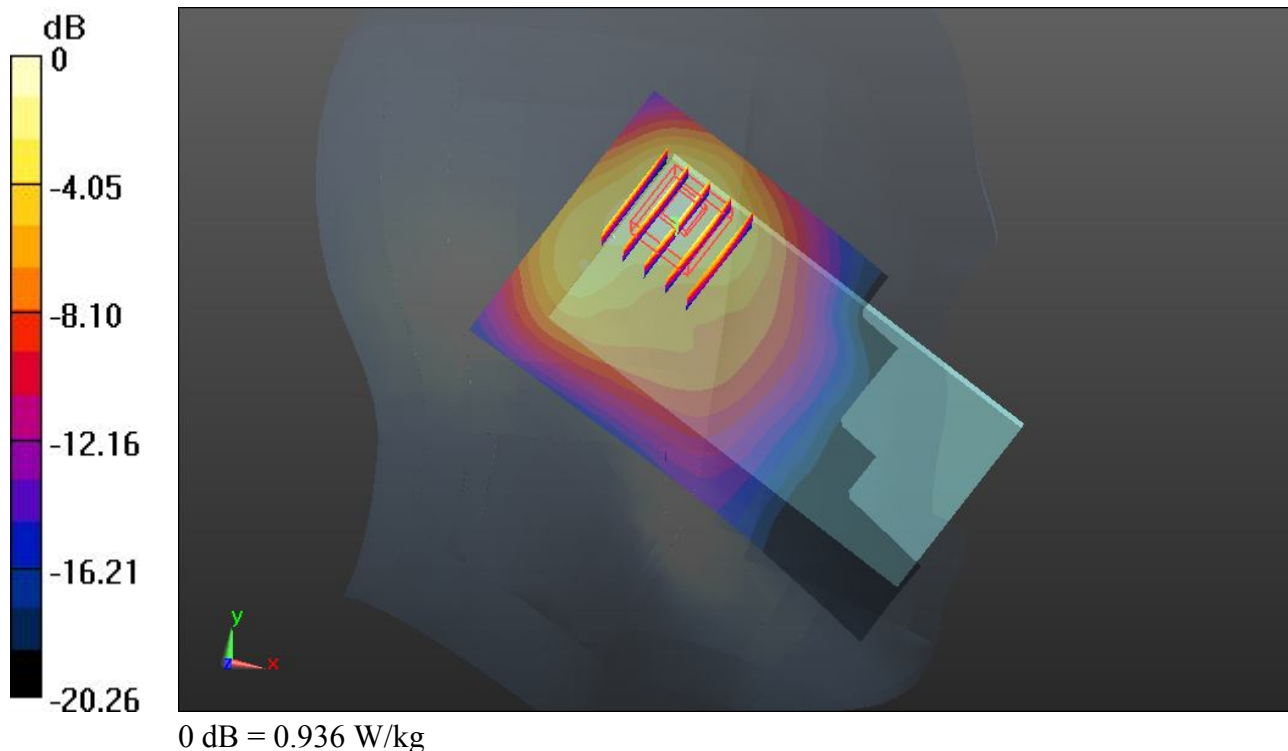
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.308 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.415 mW/g

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.936 W/kg



45_LTE Band 25_10M_QPSK 1RB 0offset_Left Cheek_Ch26640

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 W/kg

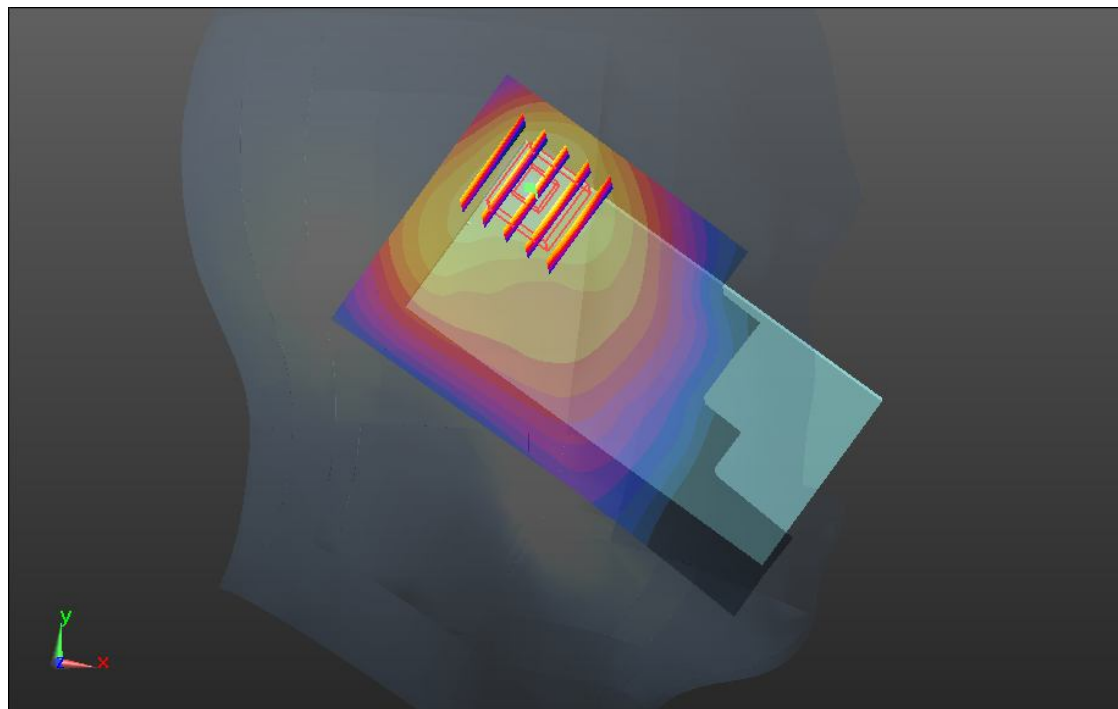
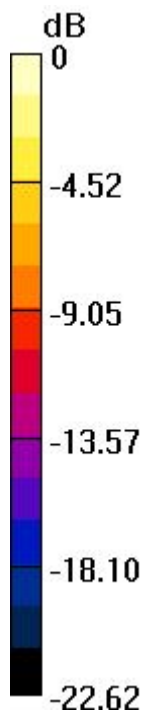
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.733 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.182 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg

45_LTE Band 25_10M_QPSK 1RB 0offset_Left Cheek_Ch26640_2D

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 W/kg

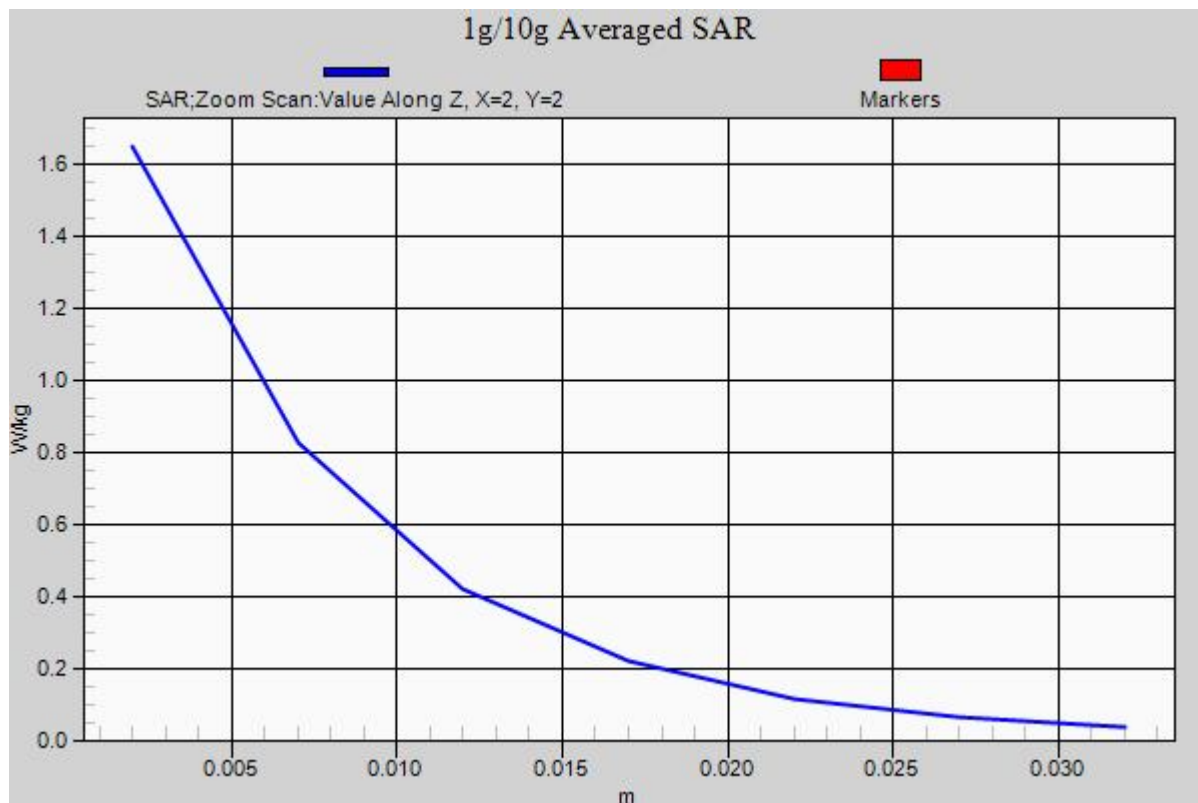
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.733 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.182 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 1.65 W/kg



46_LTE Band 25_10M_QPSK 1RB 0offset_Left Tilted_Ch26090

DUT: 311602

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

Medium: HSL_1900_130113 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41.235$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26090/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 W/kg

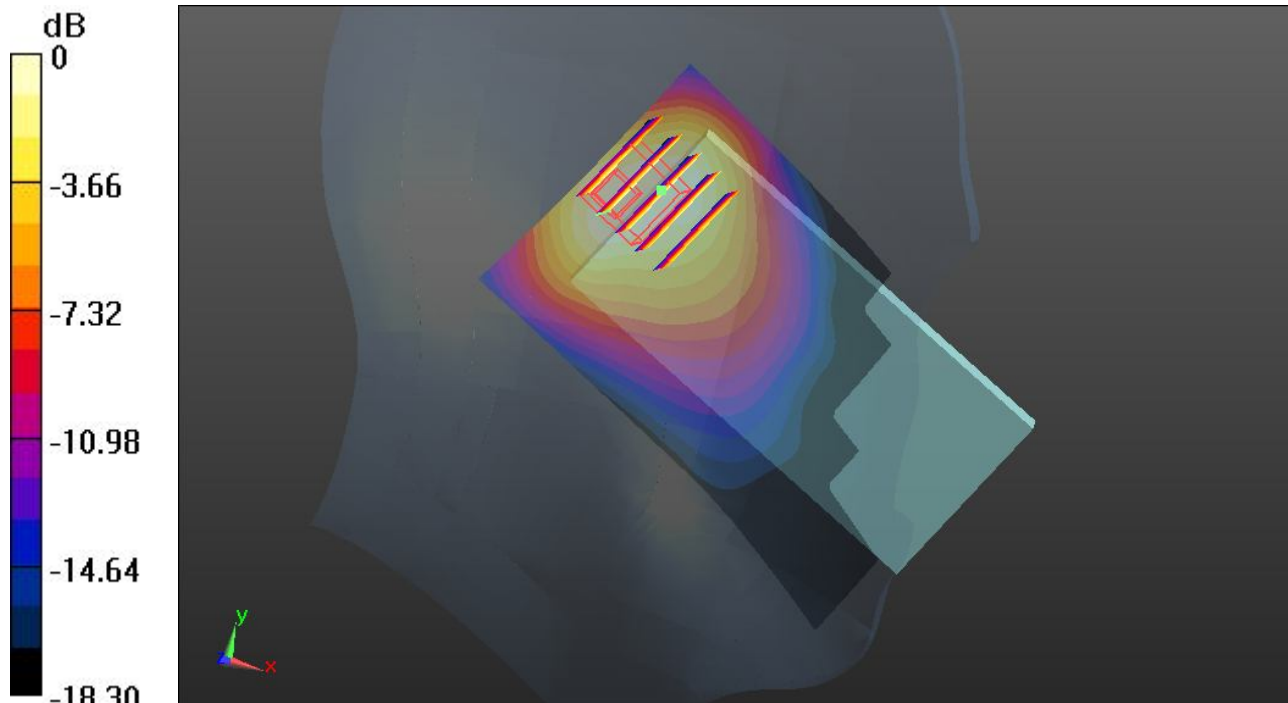
Ch26090/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.871 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.485 mW/g

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg

47_LTE Band 25_10M_QPSK 1RB 0offset_Left Tilted_Ch26640

DUT: 311602

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130113 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26640/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.23 W/kg

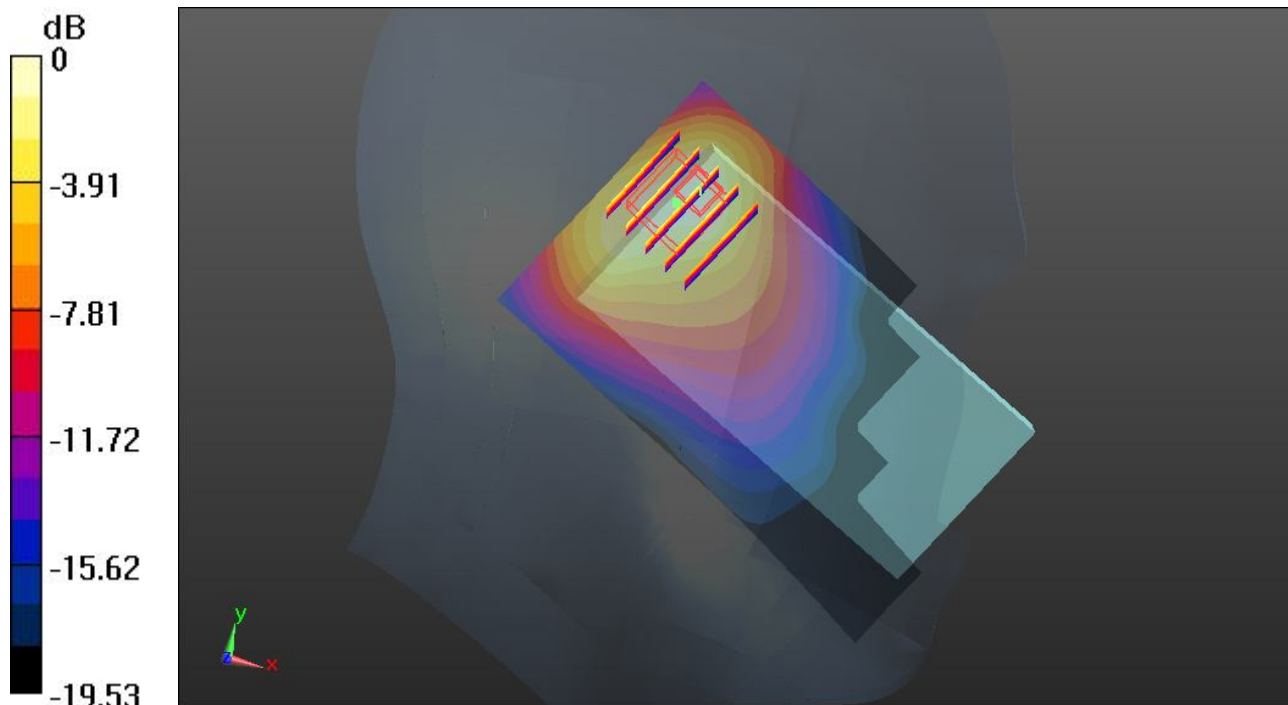
Ch26640/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.937 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.784 mW/g

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.482 mW/g

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg

88_LTE Band 25_10M_QPSK 25RB 0offset_Right Cheek_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 W/kg

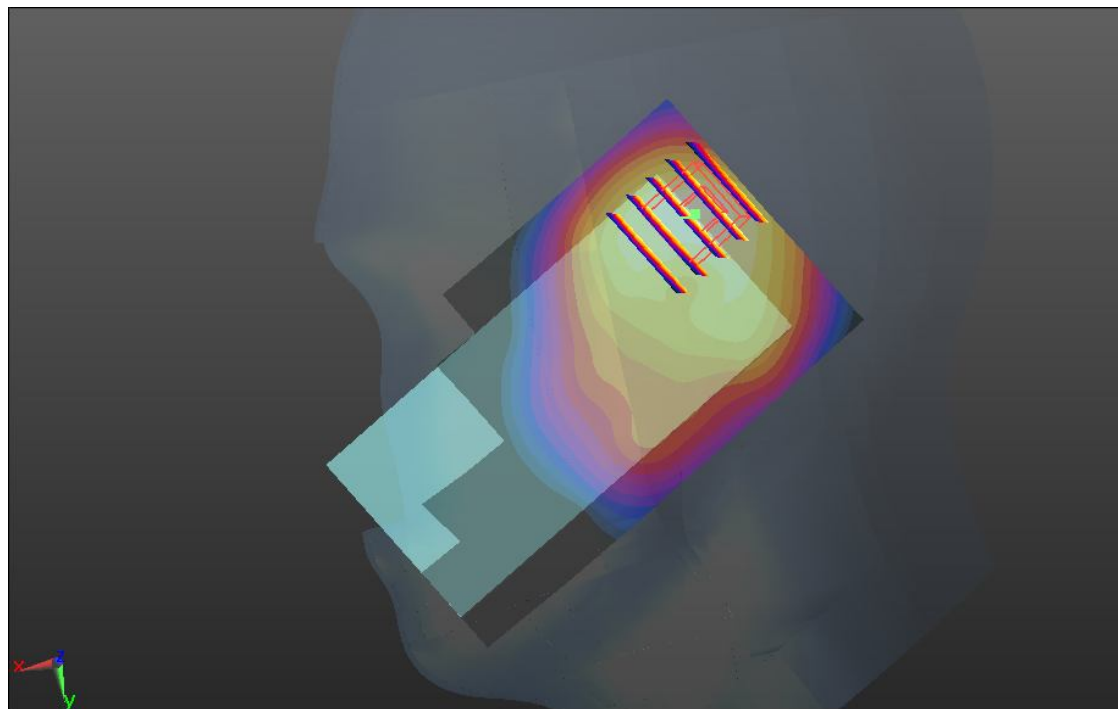
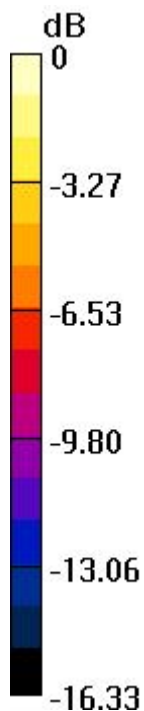
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.467 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.741 mW/g

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg

89_LTE Band 25_10M_QPSK 25RB 0offset_Right Tilted_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.688 W/kg

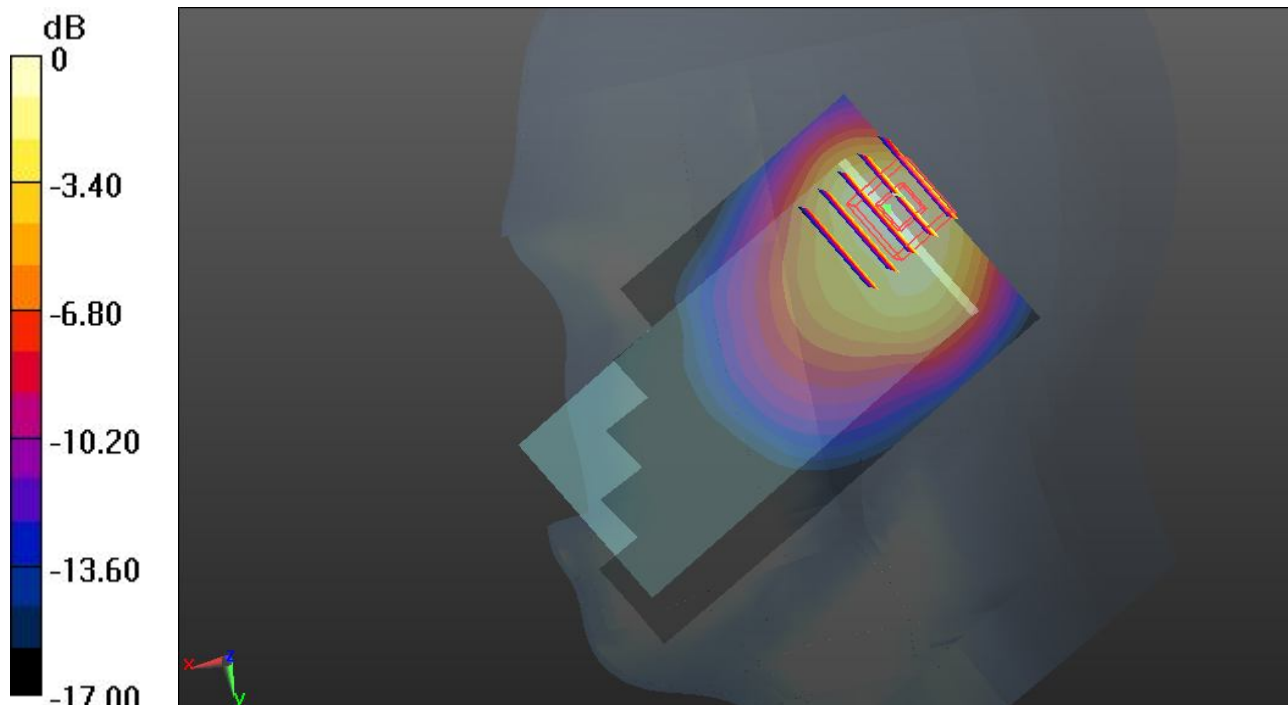
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.425 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.888 mW/g

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg

90_LTE Band 25_10M_QPSK 25RB 0offset_Left Cheek_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 W/kg

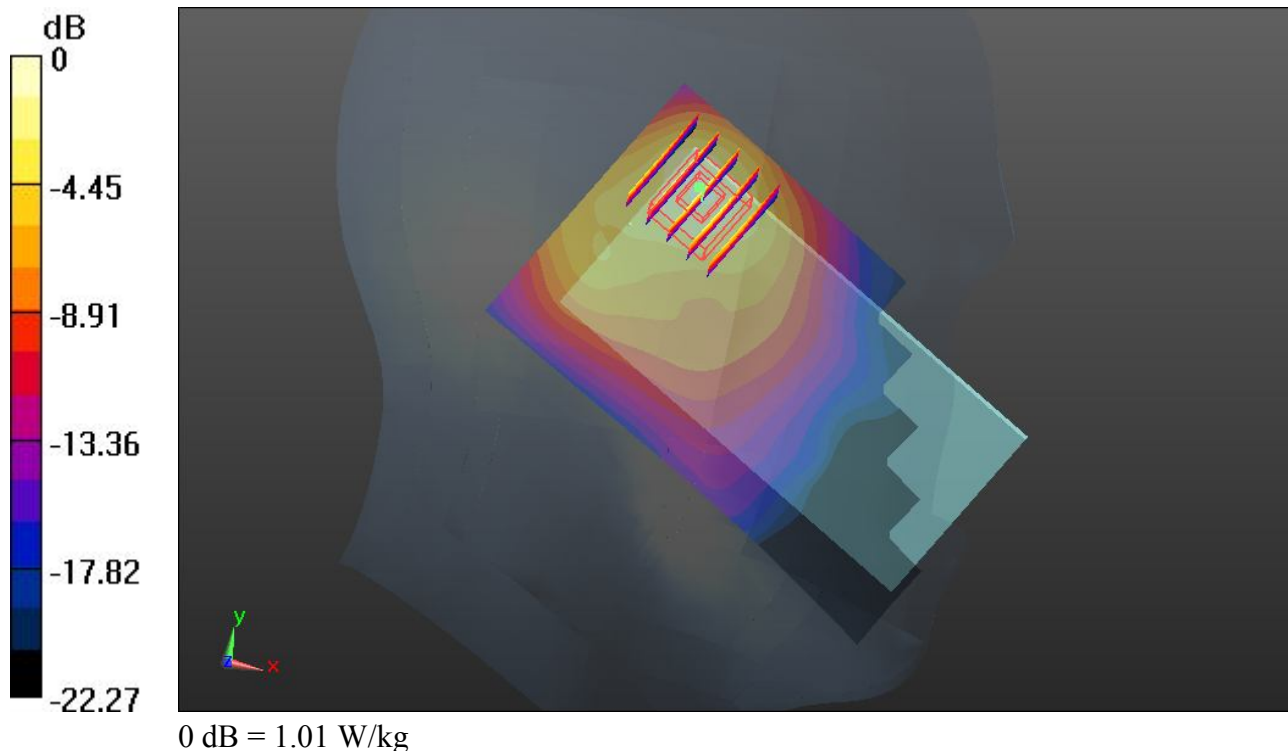
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.233 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.355 mW/g

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 1.01 W/kg



90_LTE Band 25_10M_QPSK 25RB 0offset_Left Cheek_Ch26365_2D

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 W/kg

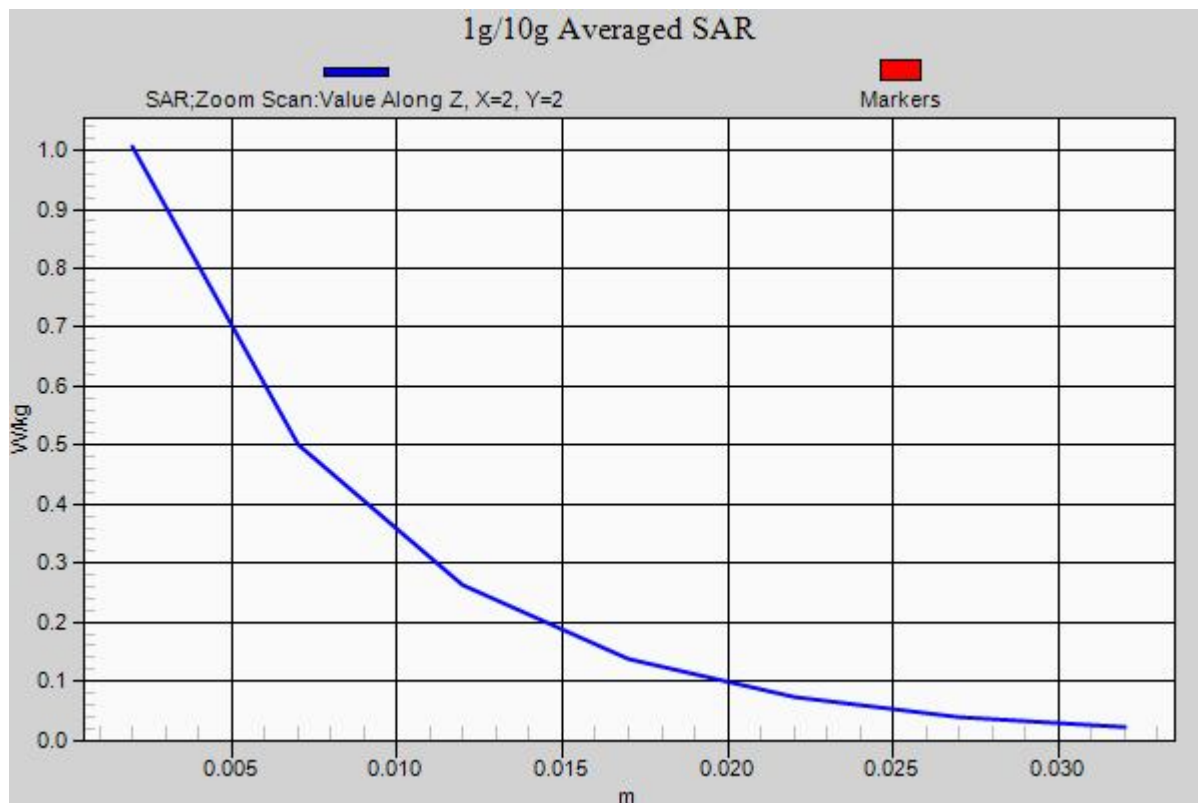
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.233 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.355 mW/g

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 1.01 W/kg



91_LTE Band 25_10M_QPSK 25RB 0offset_Left Tilted_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.773 W/kg

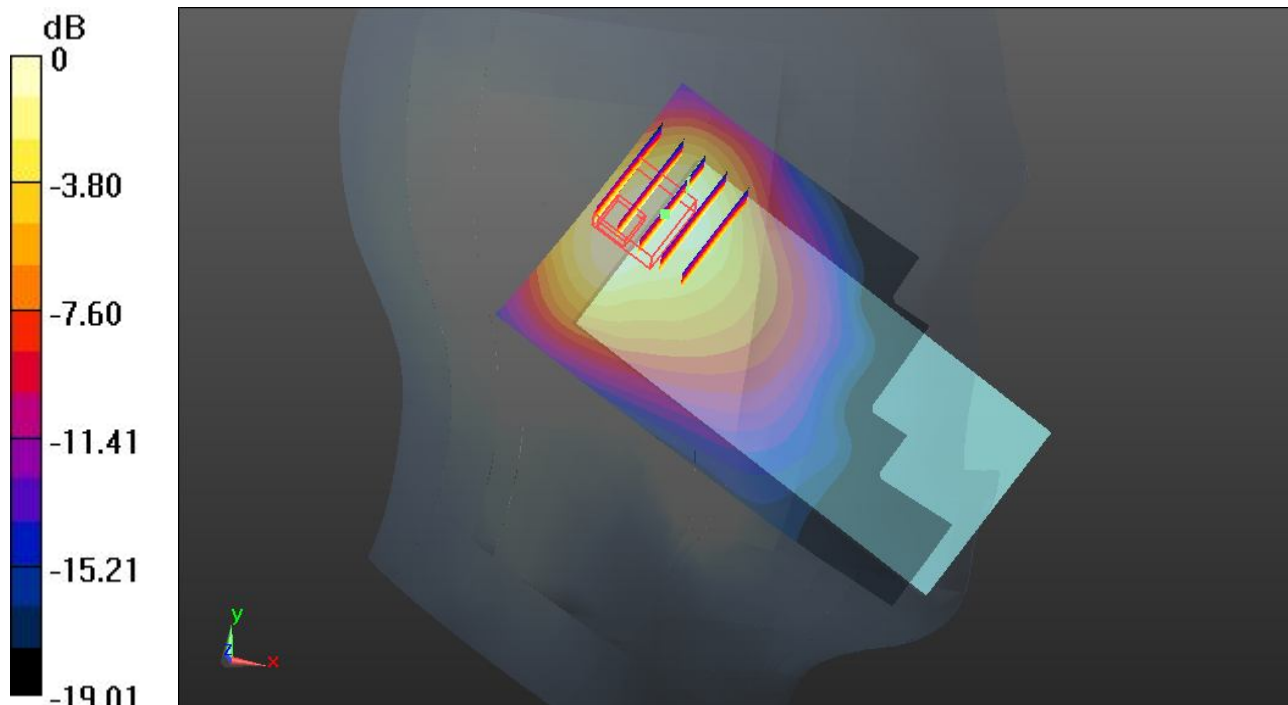
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.115 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.959 mW/g

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg

92_LTE Band 25_10M_QPSK 50RB 0offset_Right Cheek_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.598 W/kg

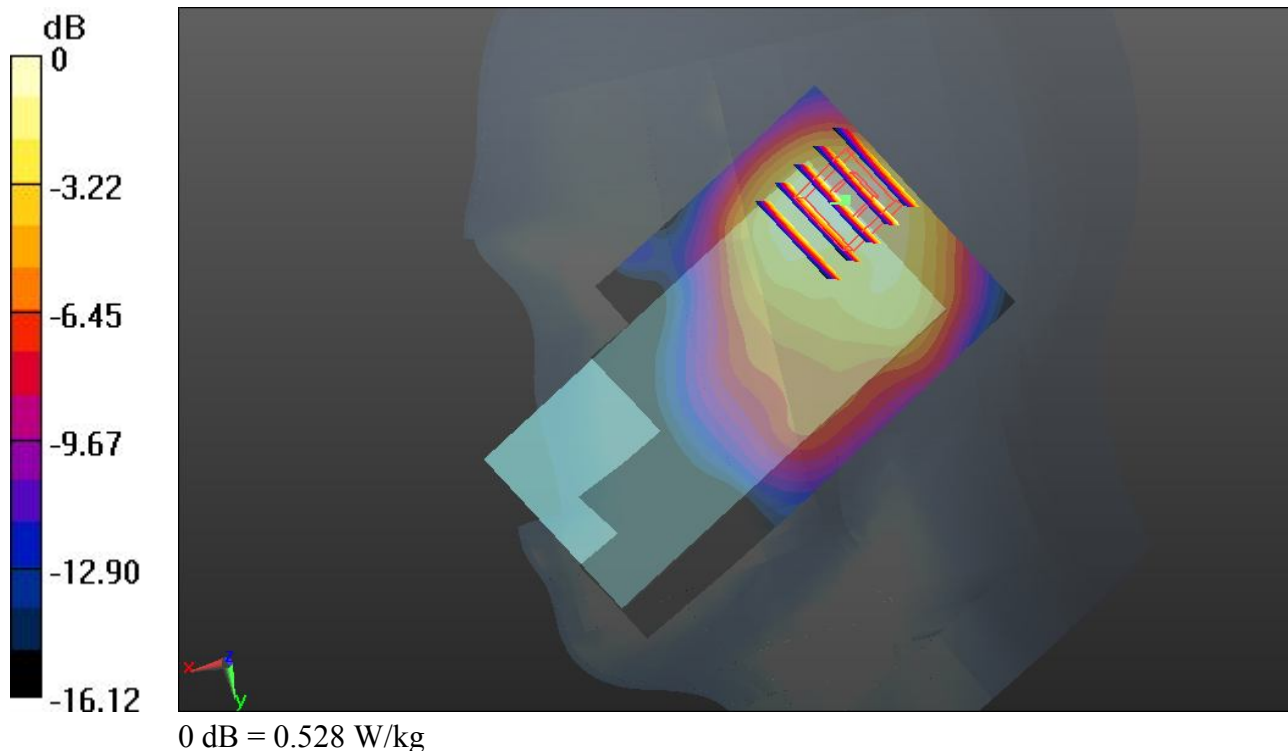
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.987 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.692 mW/g

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.528 W/kg



93_LTE Band 25_10M_QPSK 50RB 0offset_Right Tilted_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.646 W/kg

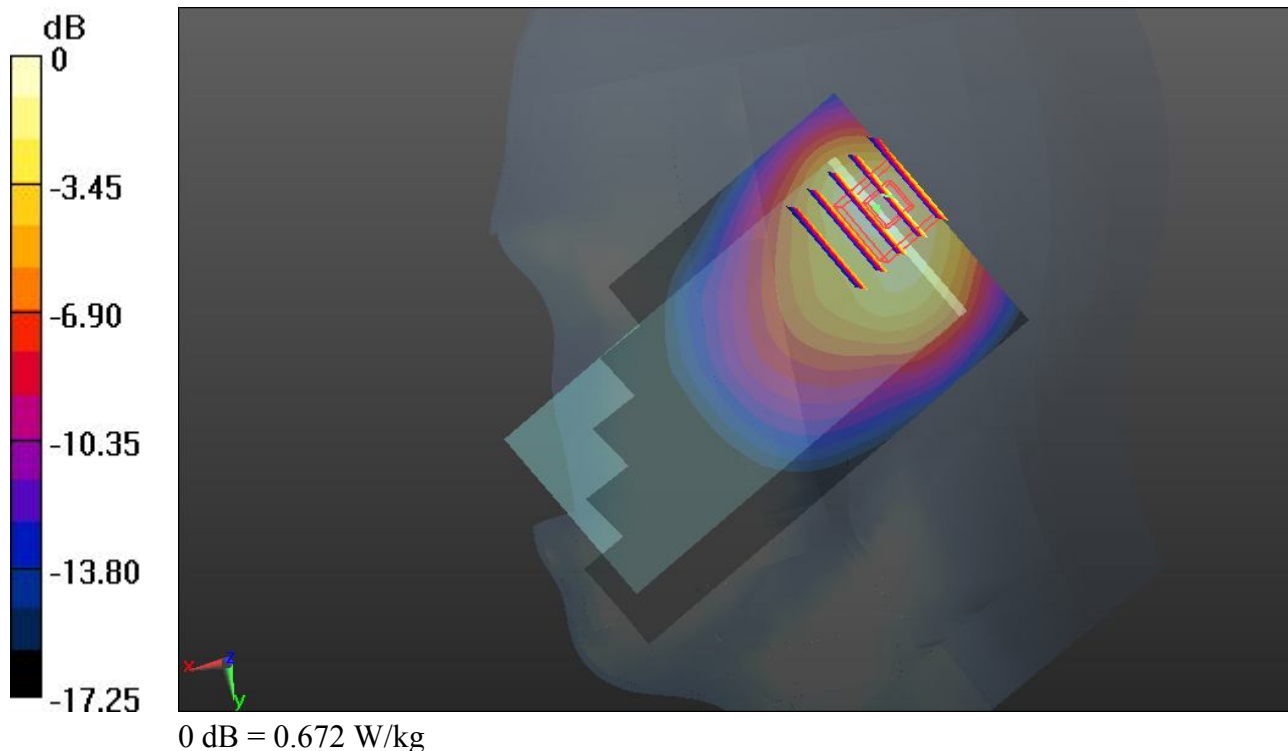
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.932 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.883 mW/g

SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.672 W/kg



94_LTE Band 25_10M_QPSK 50RB 0offset_Left Cheek_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.754 W/kg

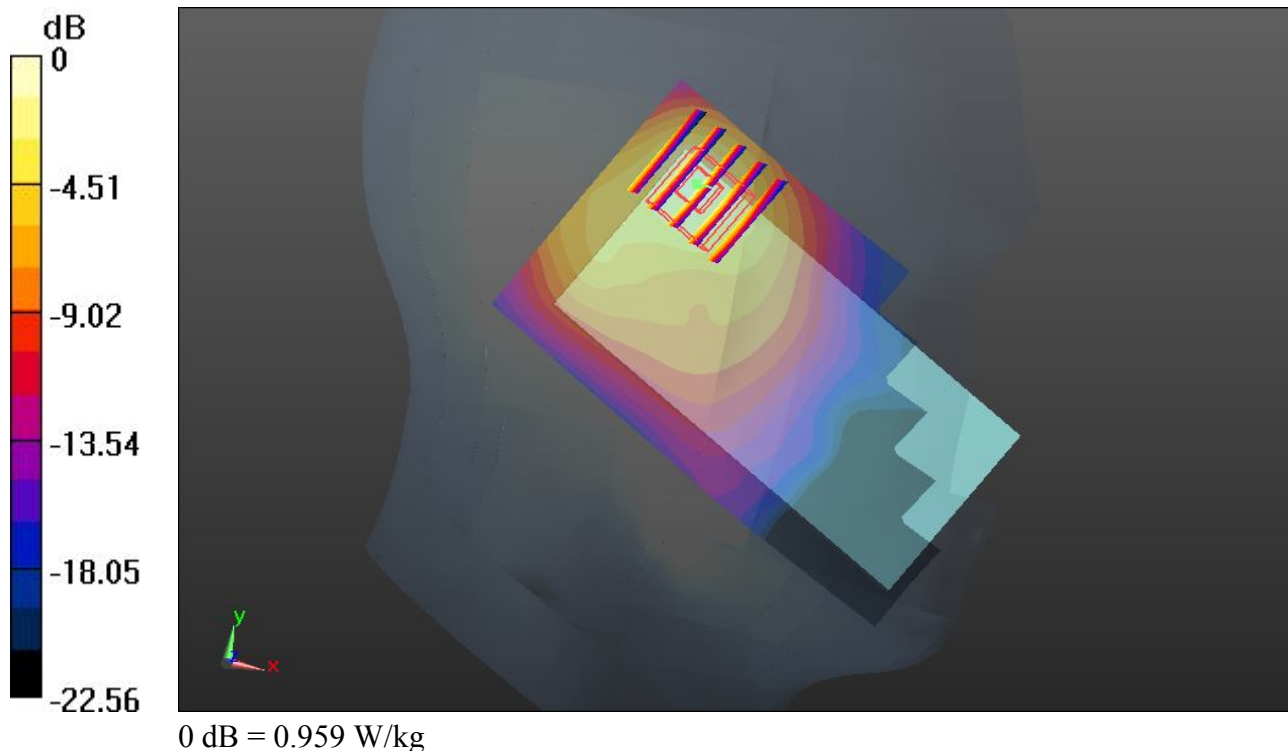
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.842 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.288 mW/g

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.959 W/kg



94_LTE Band 25_10M_QPSK 50RB 0offset_Left Cheek_Ch26365_2D

DUT: 311602

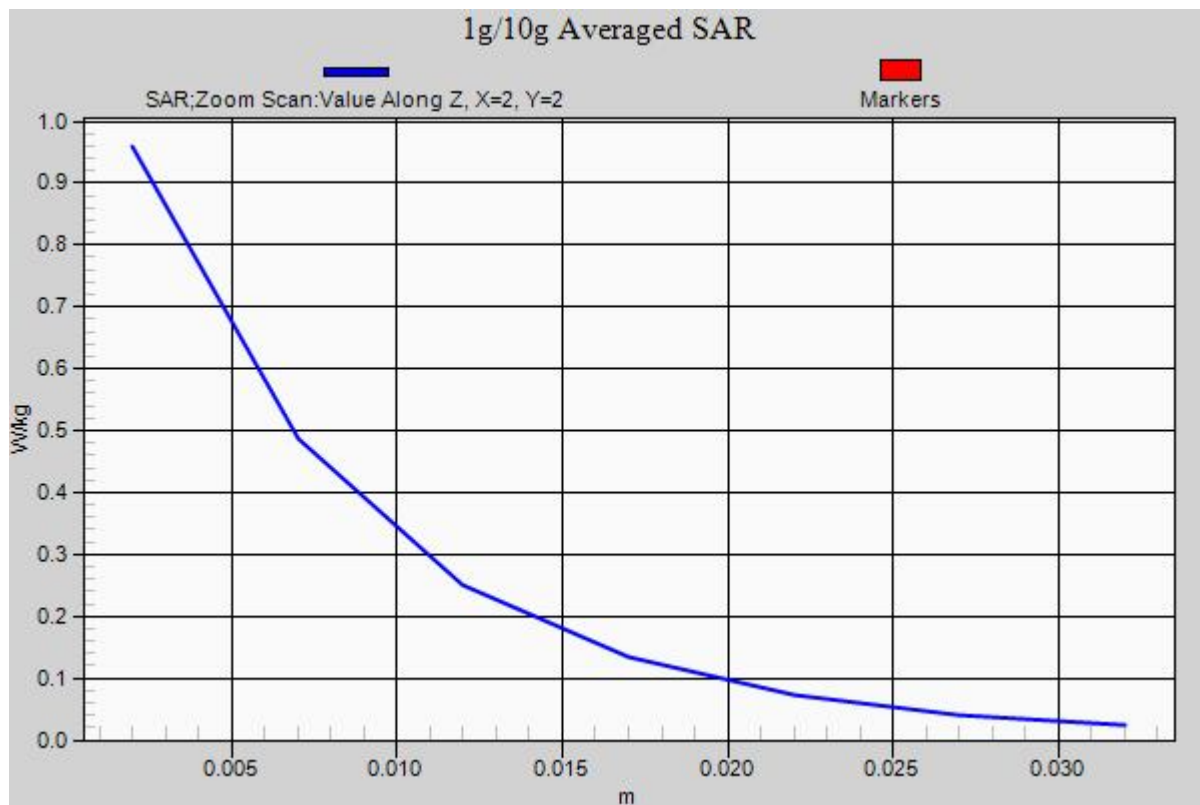
Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r = 39.709$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.842 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.288 mW/g
SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.959 W/kg



95_LTE Band 25_10M_QPSK 50RB 0offset_Left Tilted_Ch26365

DUT: 311602

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130115 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.391$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch26365/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.739 W/kg

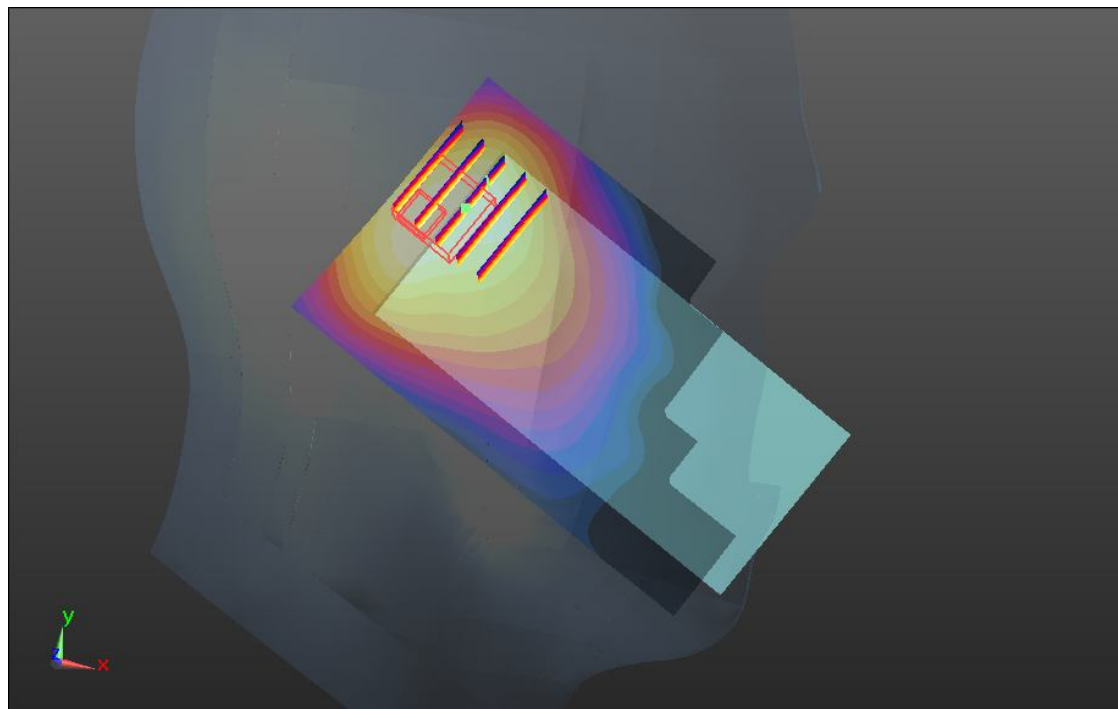
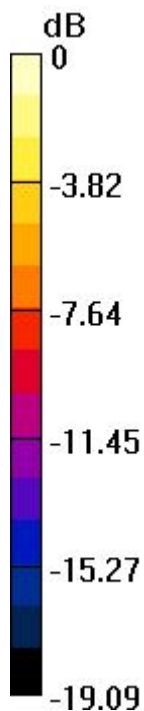
Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.633 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.930 mW/g

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg

149_WLAN 2.4GHz_802.11b_Right Cheek_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: HSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.811$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.105 W/kg

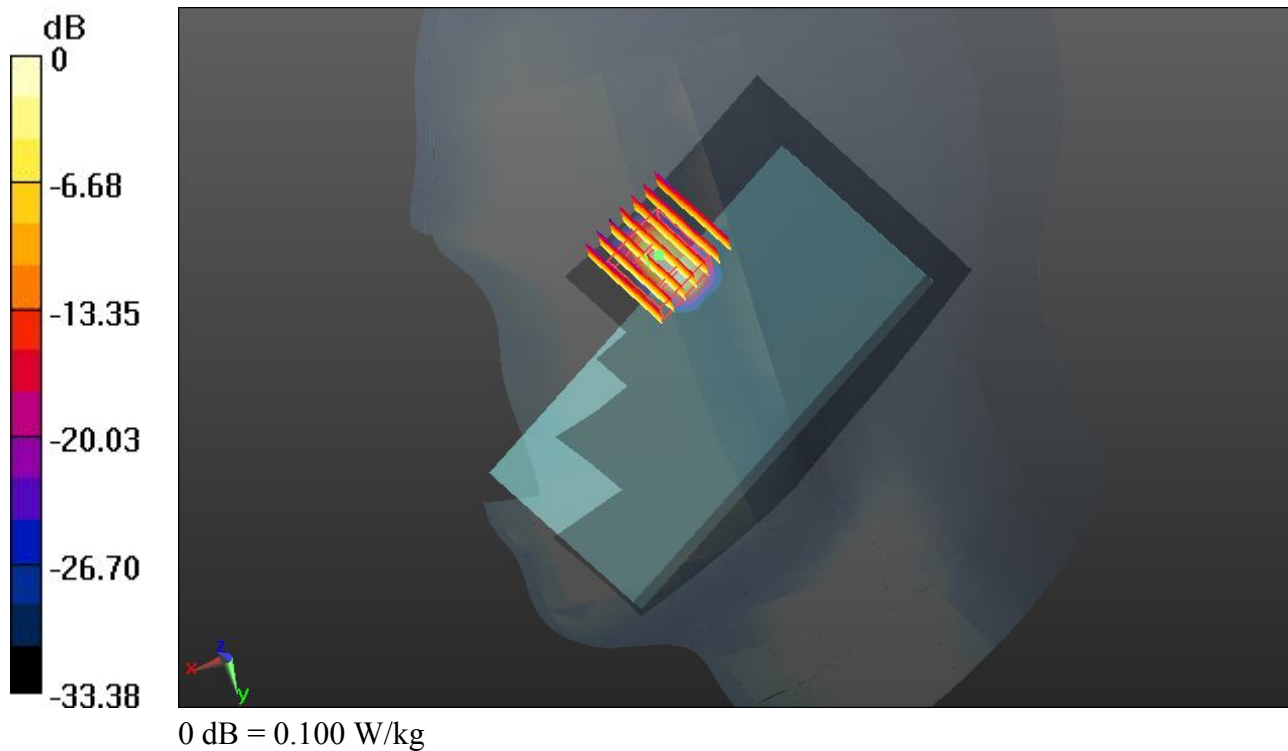
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.292 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.140 mW/g

SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.100 W/kg



150_WLAN 2.4GHz_802.11b_Right Tilted_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: HSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.811$ mho/m; $\epsilon_r = 39.709$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0337 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.328 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.054 mW/g

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.0362 W/kg

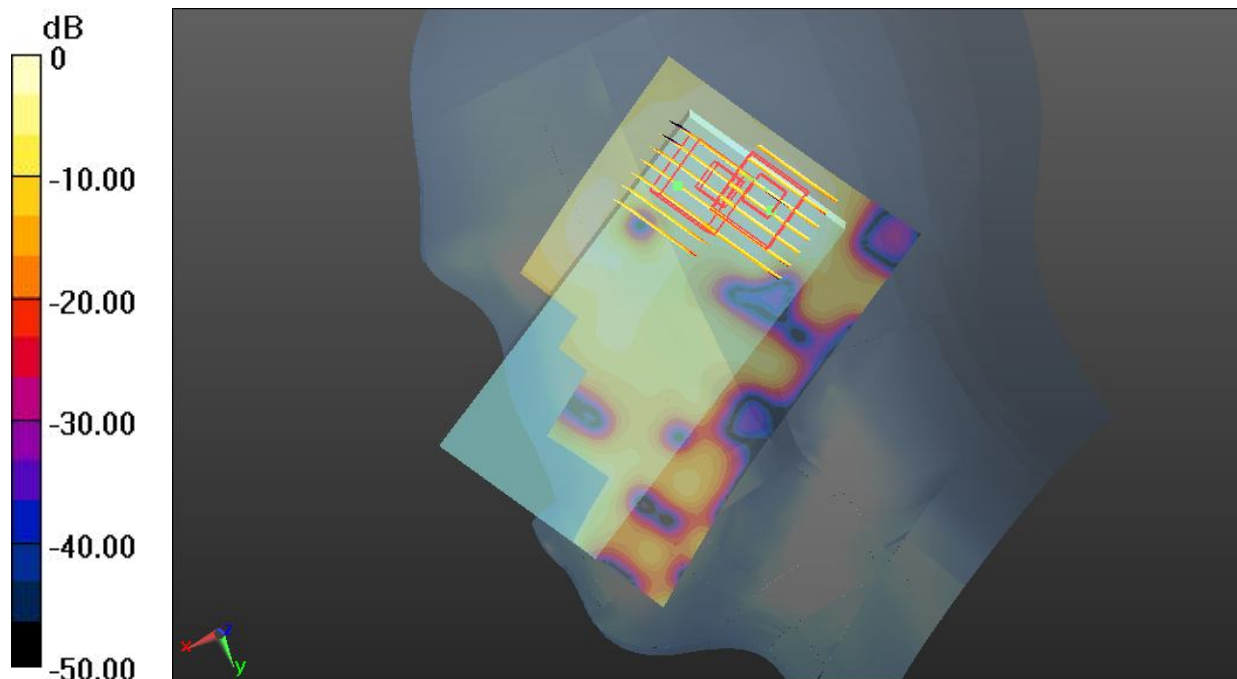
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.328 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.037 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00676 mW/g

Maximum value of SAR (measured) = 0.0297 W/kg



0 dB = 0.0297 W/kg

151_WLAN 2.4GHz_802.11b_Left Cheek_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: HSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.811$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.207 W/kg

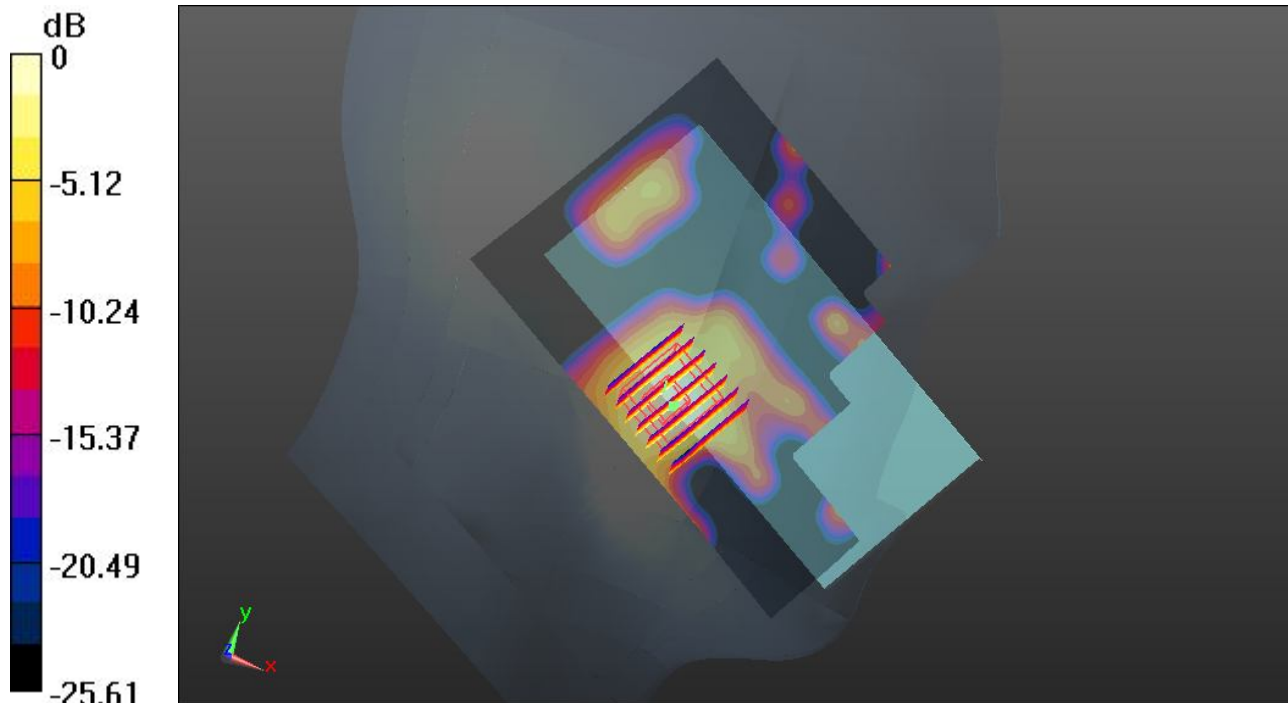
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.185 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.278 mW/g

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg

151_WLAN 2.4GHz_802.11b_Left Cheek_Ch6_2D

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: HSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.811$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.207 W/kg

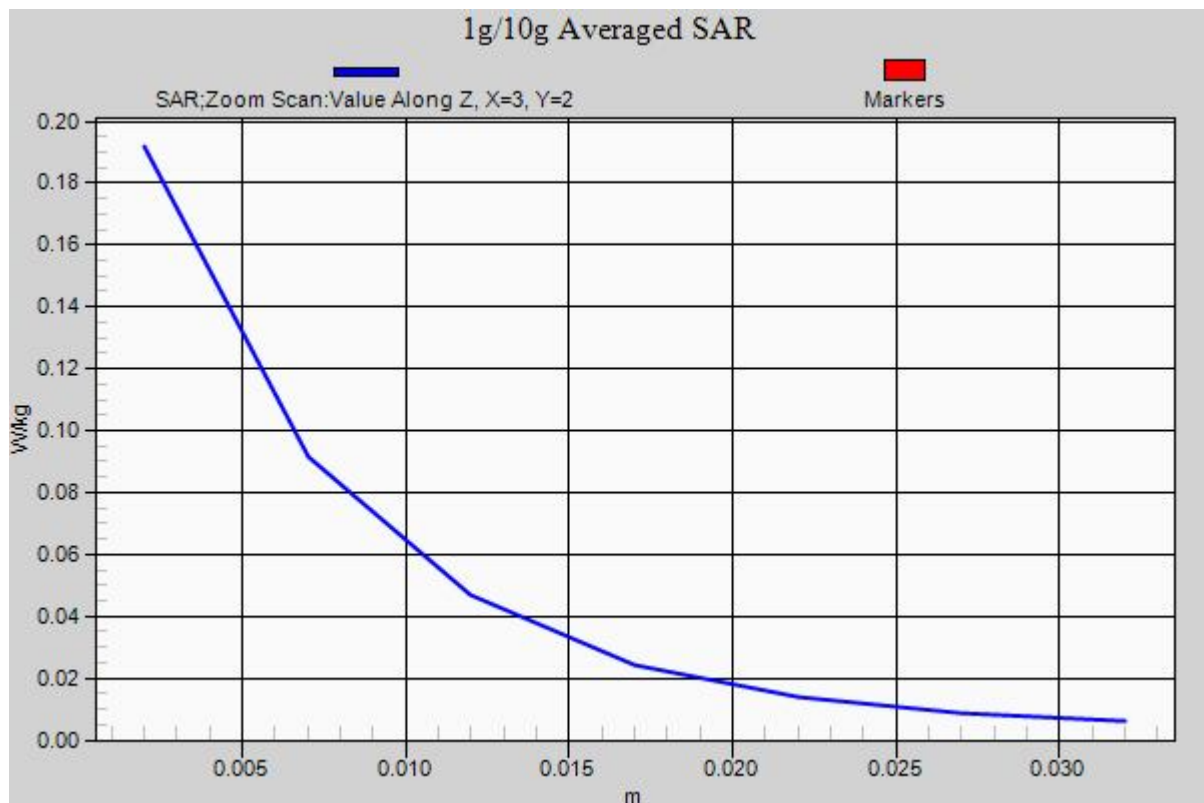
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.185 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.278 mW/g

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.192 W/kg



152_WLAN 2.4GHz_802.11b_Left Tilted_Ch6

DUT: 311602

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132

Medium: HSL_2450_130124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.811$ mho/m; $\epsilon_r =$

39.709 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0526 W/kg

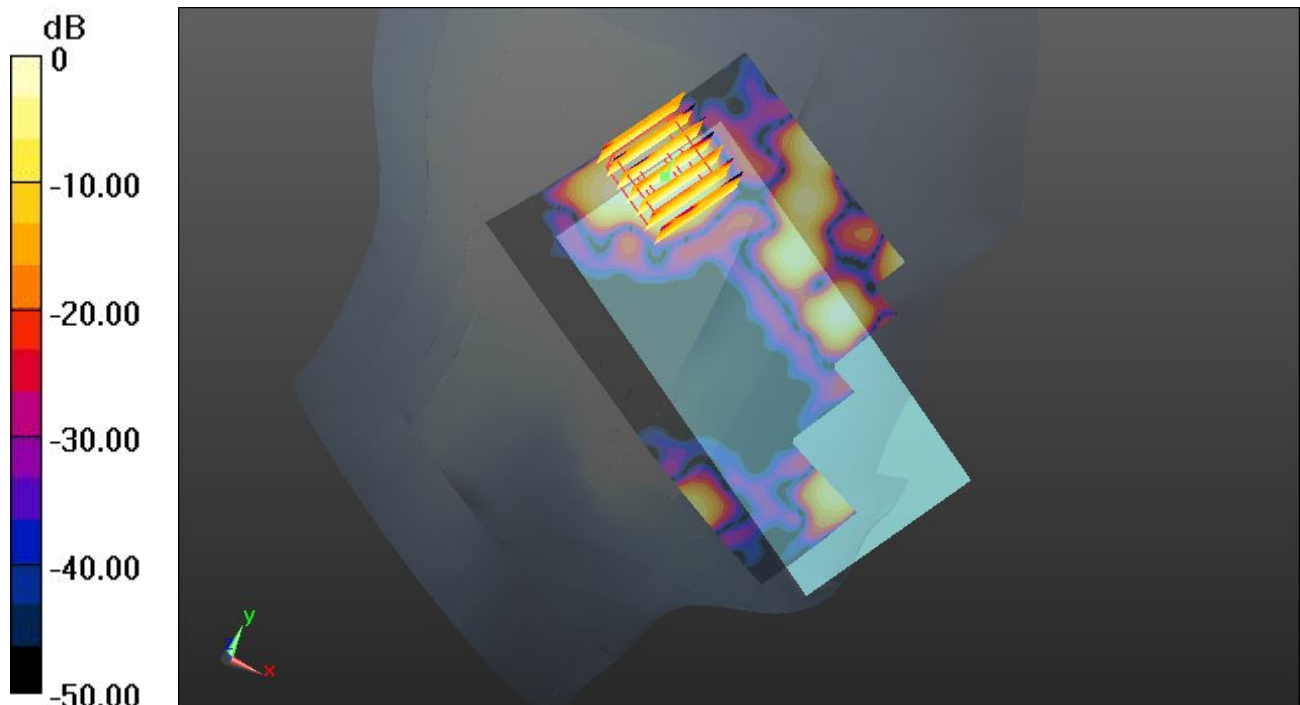
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.446 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.064 mW/g

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.0458 W/kg



0 dB = 0.0458 W/kg