



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_835MHz_130921

DUT: D835V2 -SN:4d091

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_835_130921 Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 42.91$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.21 W/kg

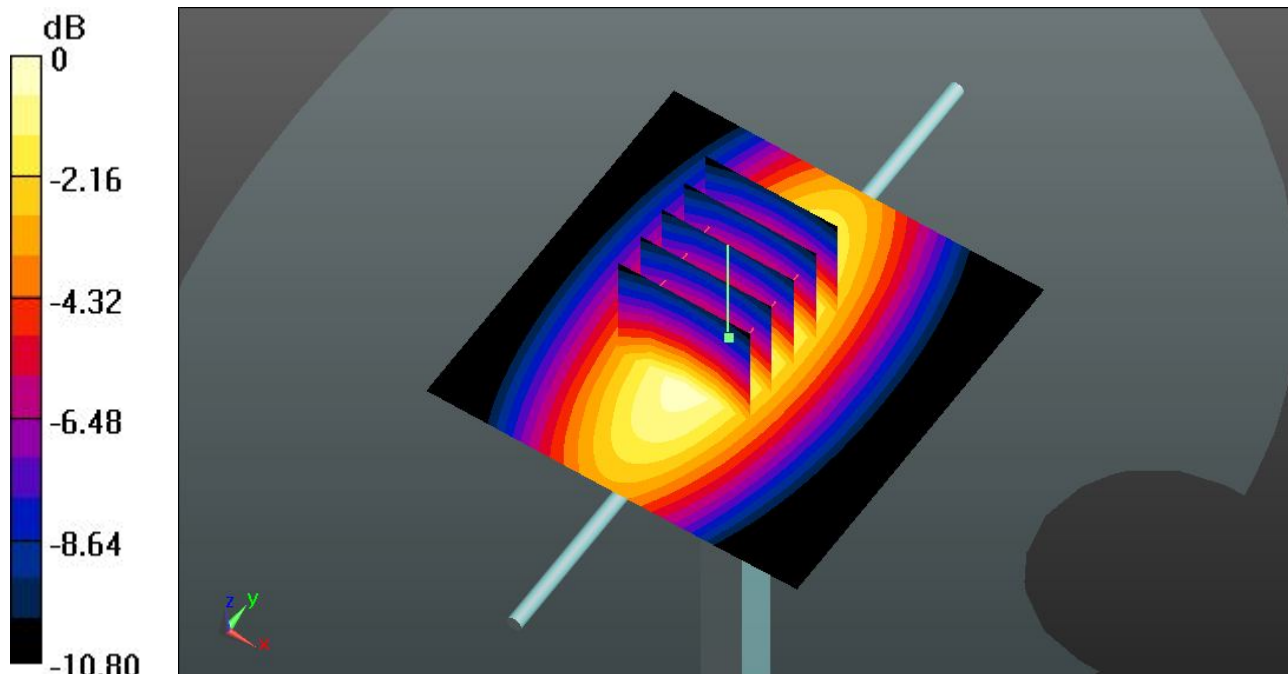
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.389 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.810 mW/g

SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.65 mW/g

Maximum value of SAR (measured) = 3.21 W/kg



0 dB = 3.21 W/kg

System Check_Head_1900MHz_130919

DUT: D1900V2-SN:5d118

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_130919 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.417$ mho/m; $\epsilon_r =$

40.994; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.8 W/kg

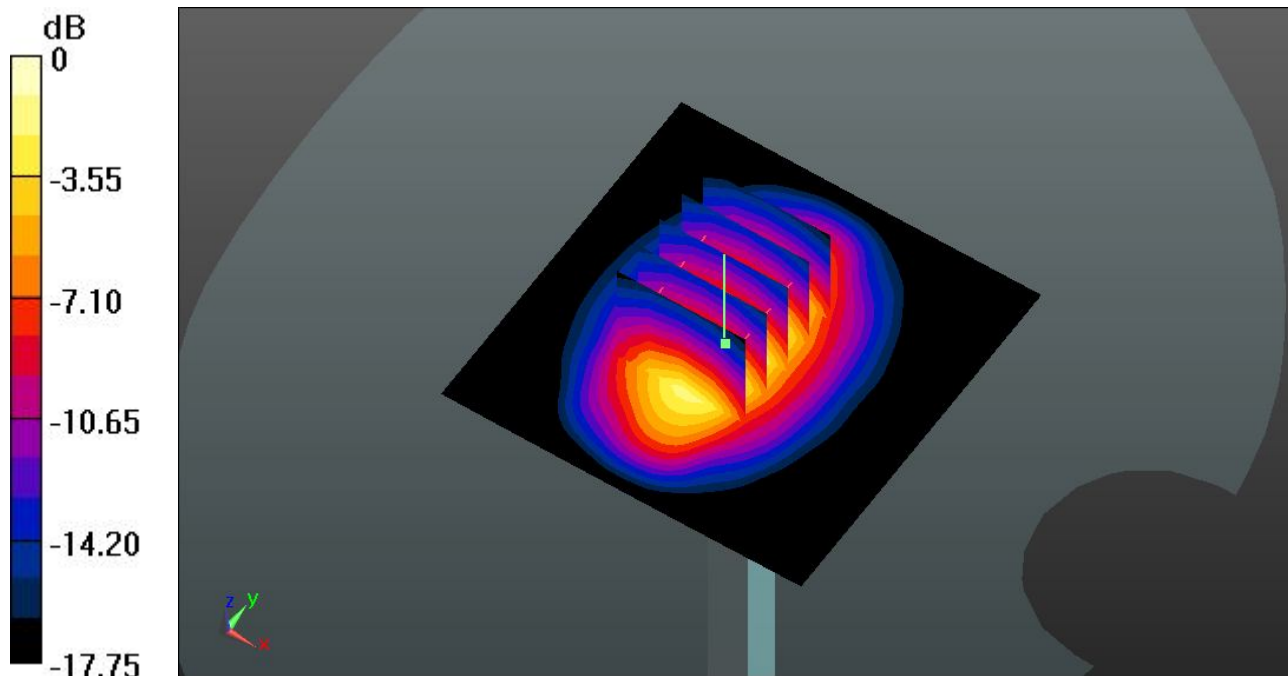
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.713 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.611 mW/g

SAR(1 g) = 9.69 mW/g; SAR(10 g) = 5.05 mW/g

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg

System Check_Head_2450MHz_130921

DUT: D2450V2-SN:840

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.878$ mho/m; $\epsilon_r =$

40.464 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.4 W/kg

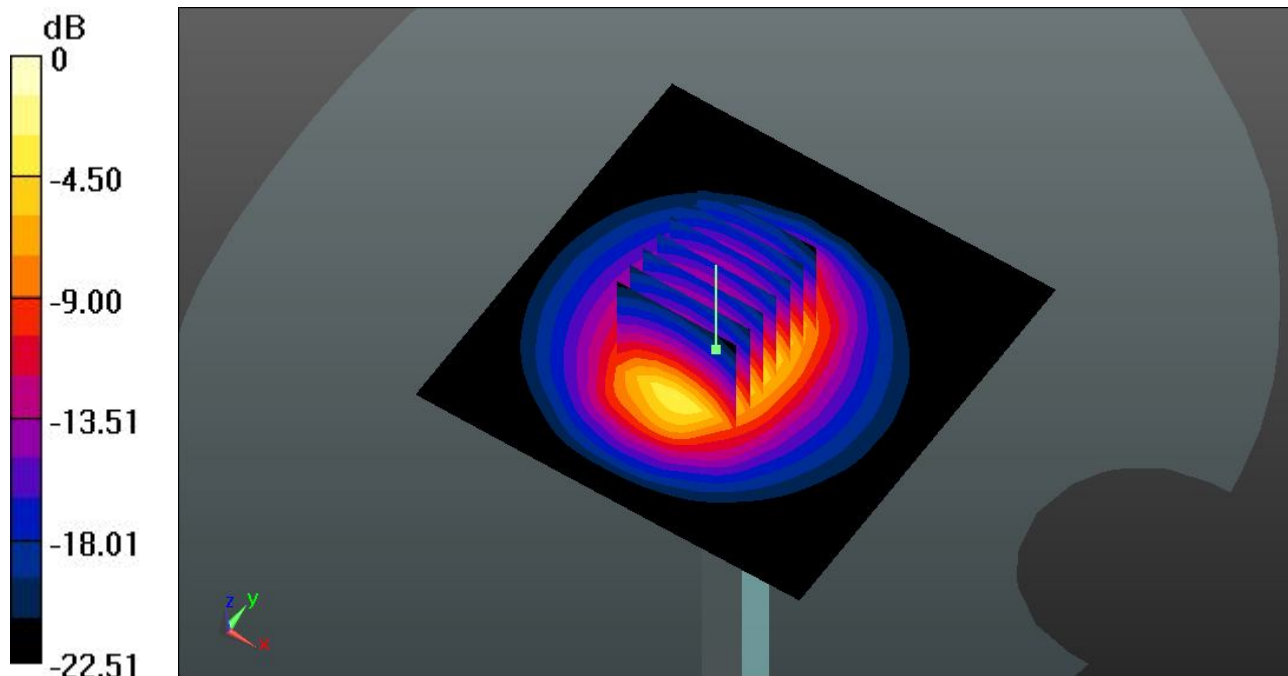
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.682 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 27.572 mW/g

SAR(1 g) = 13 mW/g; SAR(10 g) = 5.96 mW/g

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg

System Check_Body_835MHz_130922

DUT: D835V2 -SN:4d091

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_835_130922 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.011 \text{ mho/m}$; $\epsilon_r = 56.243$;

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

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 2.52 W/kg

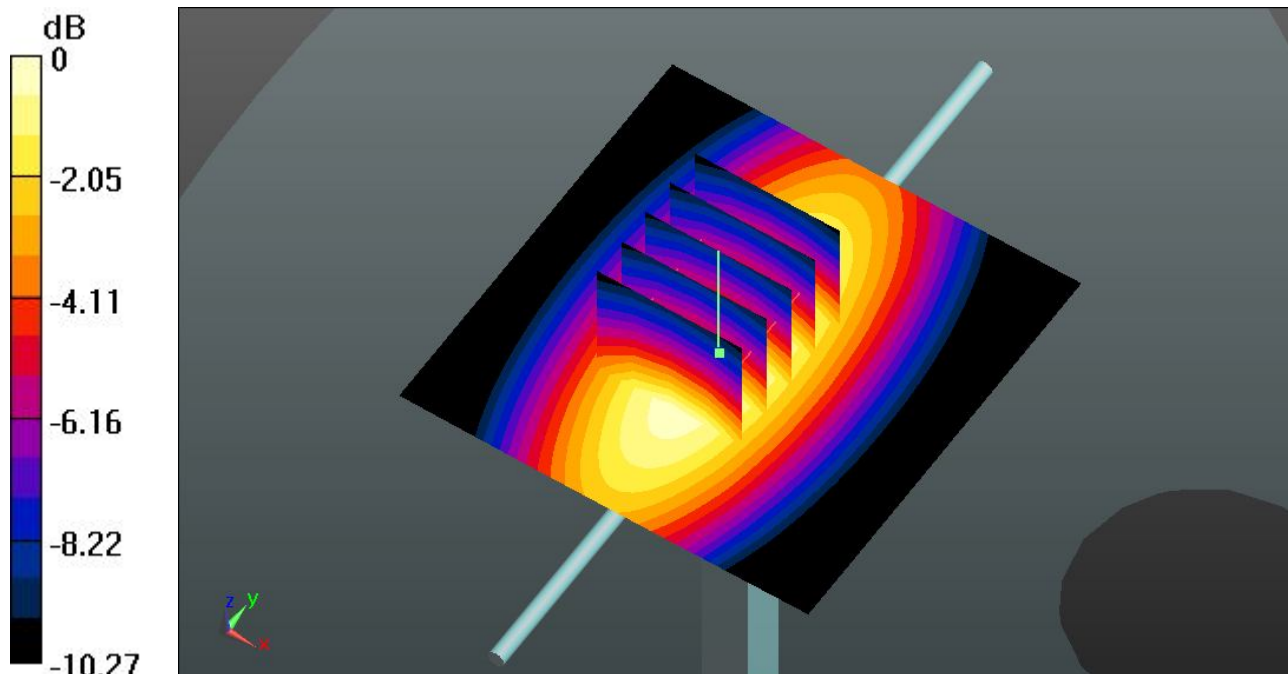
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 49.854 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.434 mW/g

SAR(1 g) = 2.34 mW/g ; SAR(10 g) = 1.54 mW/g

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg

System Check_Body_1900MHz_130923

DUT: D1900V2-SN:5d118

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_130923 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.533 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 14.5 W/kg

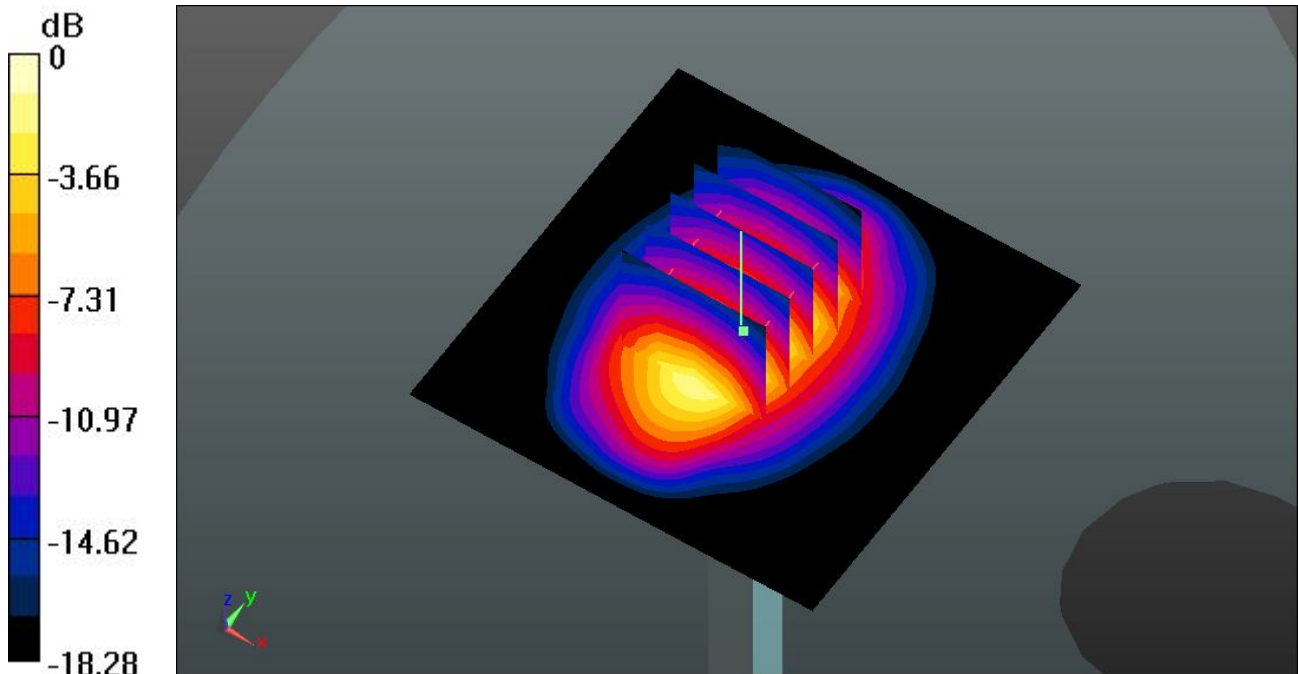
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 85.872 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 18.503 mW/g

SAR(1 g) = 10.2 mW/g ; SAR(10 g) = 5.29 mW/g

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg

System Check_Body_2450MHz_130923

DUT: D2450V2-SN:840

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130923 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.949$ mho/m; $\epsilon_r =$

51.667 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 18.3 W/kg

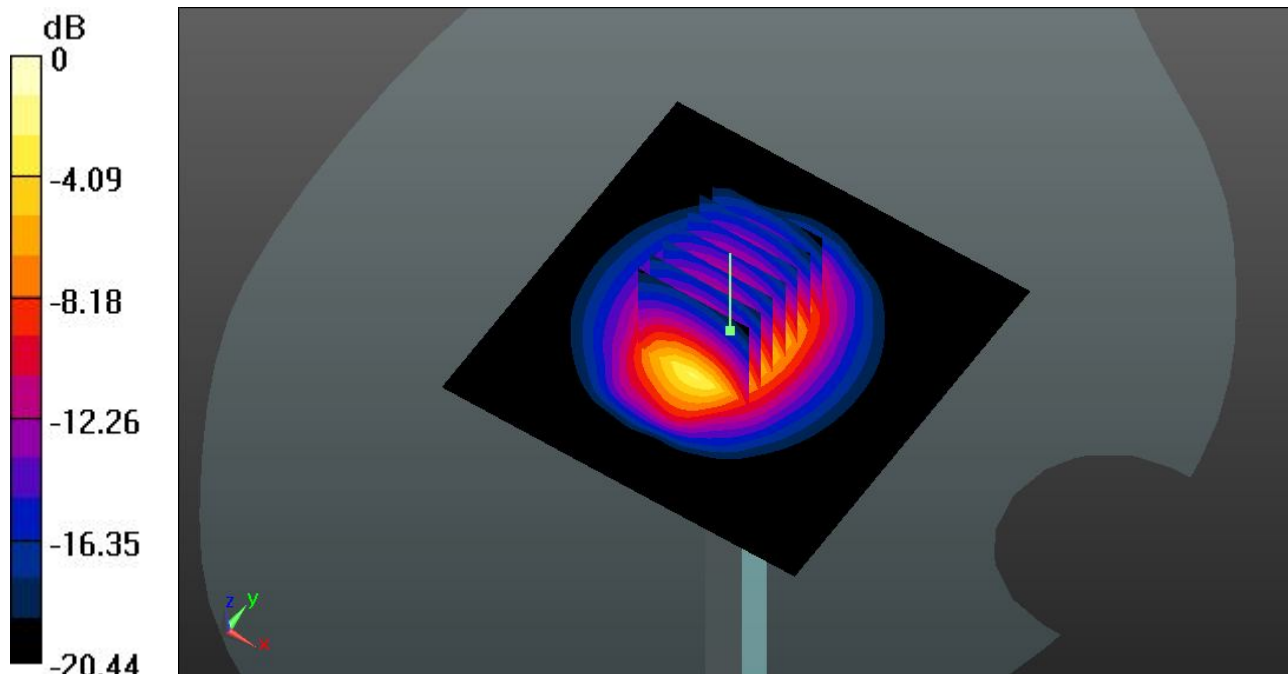
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.205 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 24.691 mW/g

SAR(1 g) = 12.1 mW/g; SAR(10 g) = 5.71 mW/g

Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

09 GSM850_GSM Voice_Right Cheek_Ch251

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

Medium: HSL_835_130921 Medium parameters used: $f = 849$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42.729$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.288 W/kg

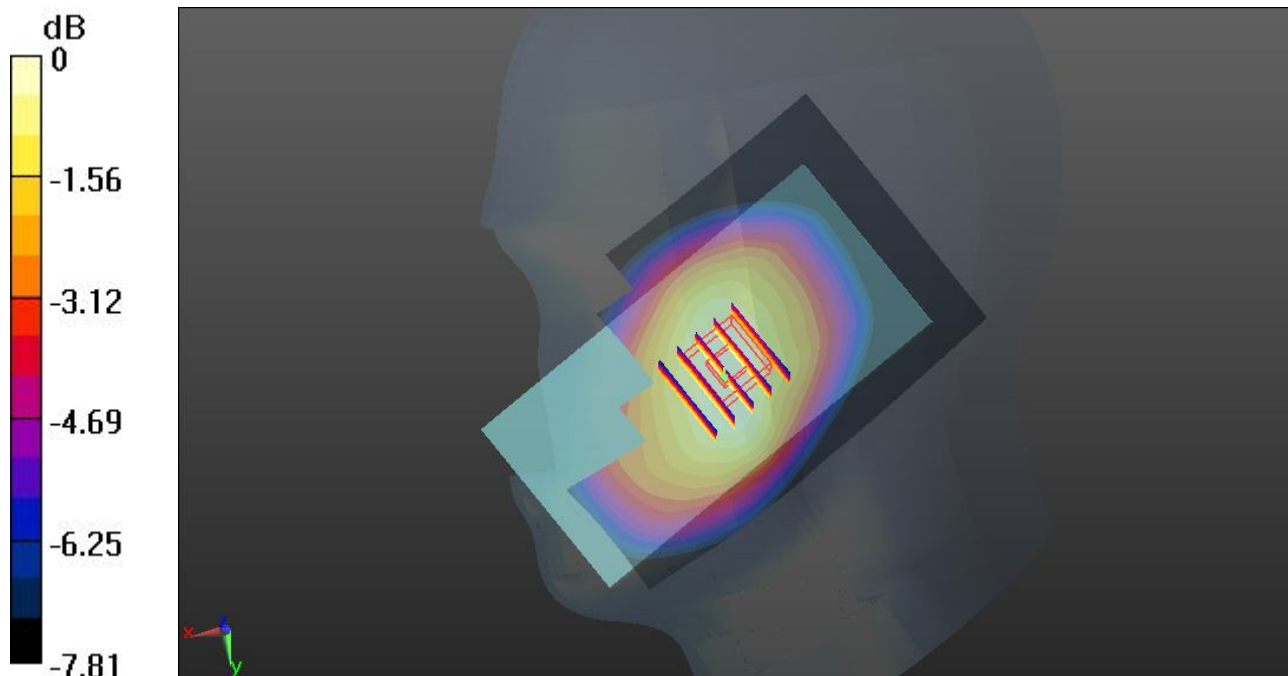
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.128 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.322 mW/g

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg

10 GSM850_GSM Voice_Right Tilted_Ch251

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

Medium: HSL_835_130921 Medium parameters used: $f = 849$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42.729$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 W/kg

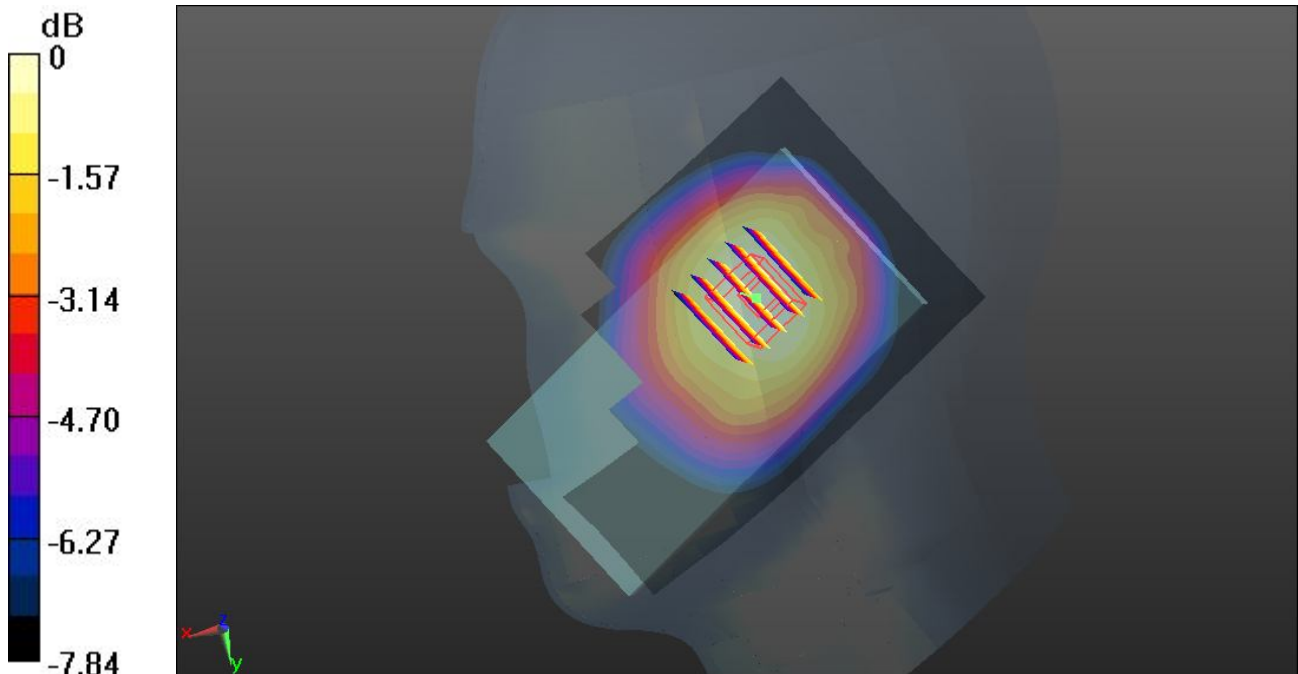
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.628 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.238 mW/g

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg

11 GSM850_GSM Voice_Left Cheek_Ch251

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

Medium: HSL_835_130921 Medium parameters used: $f = 849$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42.729$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 W/kg

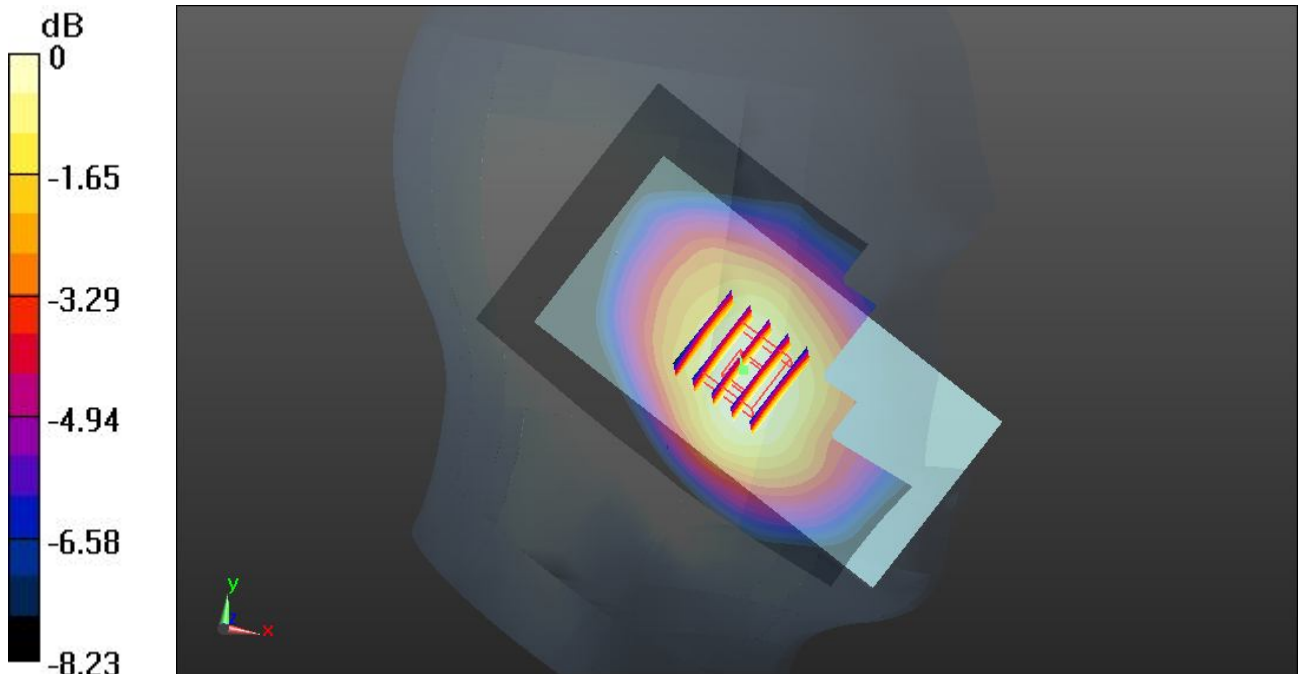
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.244 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.321 mW/g

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.292 W/kg

12 GSM850_GSM Voice_Left Tilted_Ch251

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

Medium: HSL_835_130921 Medium parameters used: $f = 849$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 42.729$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 W/kg

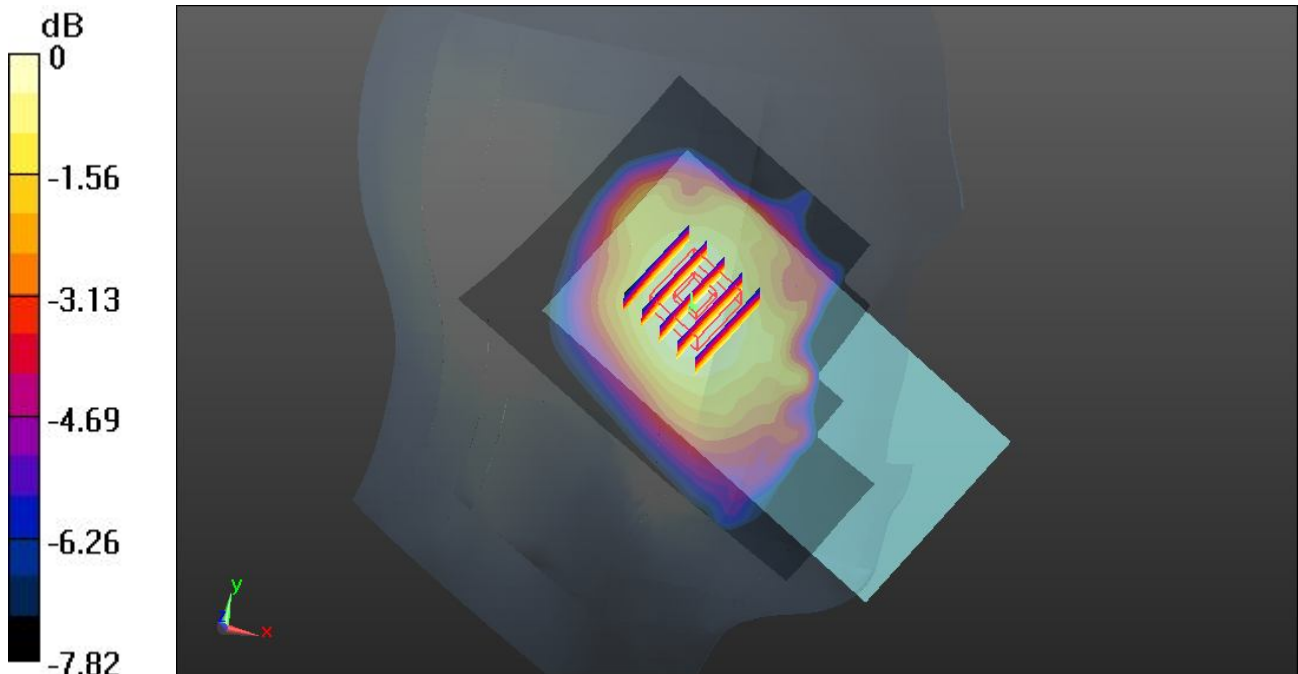
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.798 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.216 mW/g

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.198 W/kg



0 dB = 0.198 W/kg

01 GSM1900_GSM Voice_Right Cheek_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900_130919 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.972$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

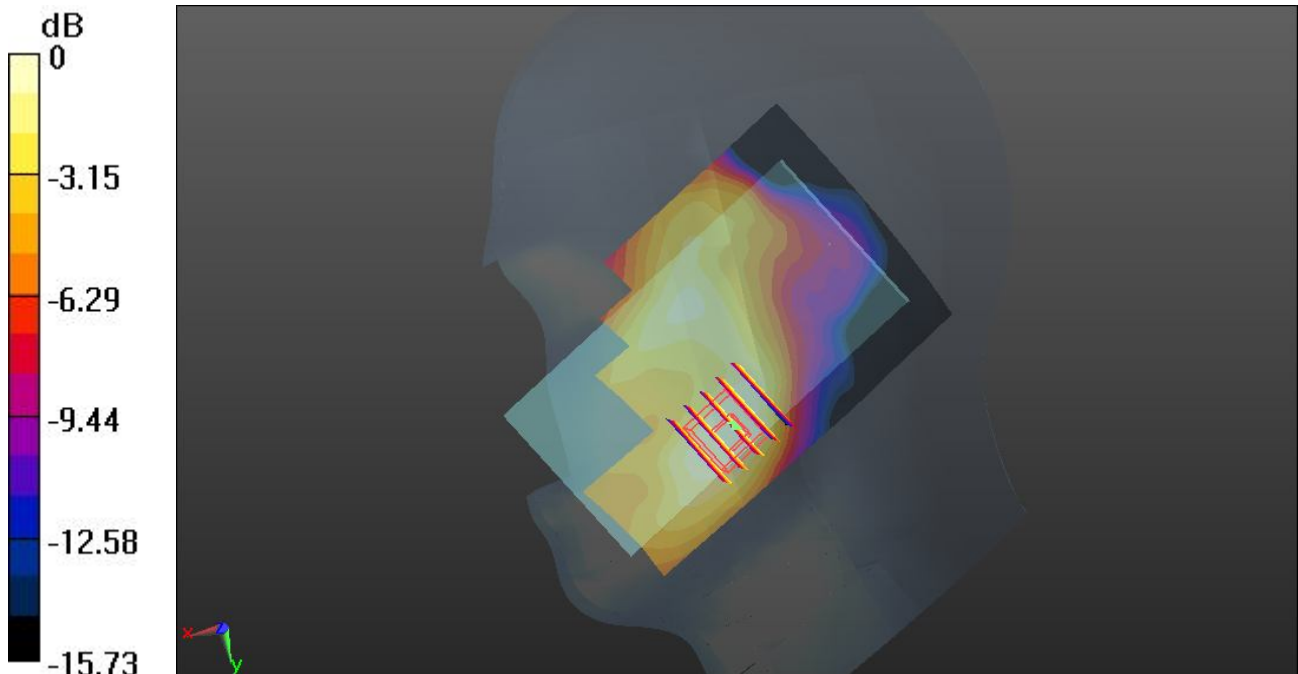
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.502 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.221 mW/g

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg

02 GSM1900_GSM Voice_Right Tilted_Ch810

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

Medium: HSL_1900_130919 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r =$

40.972 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.144 W/kg

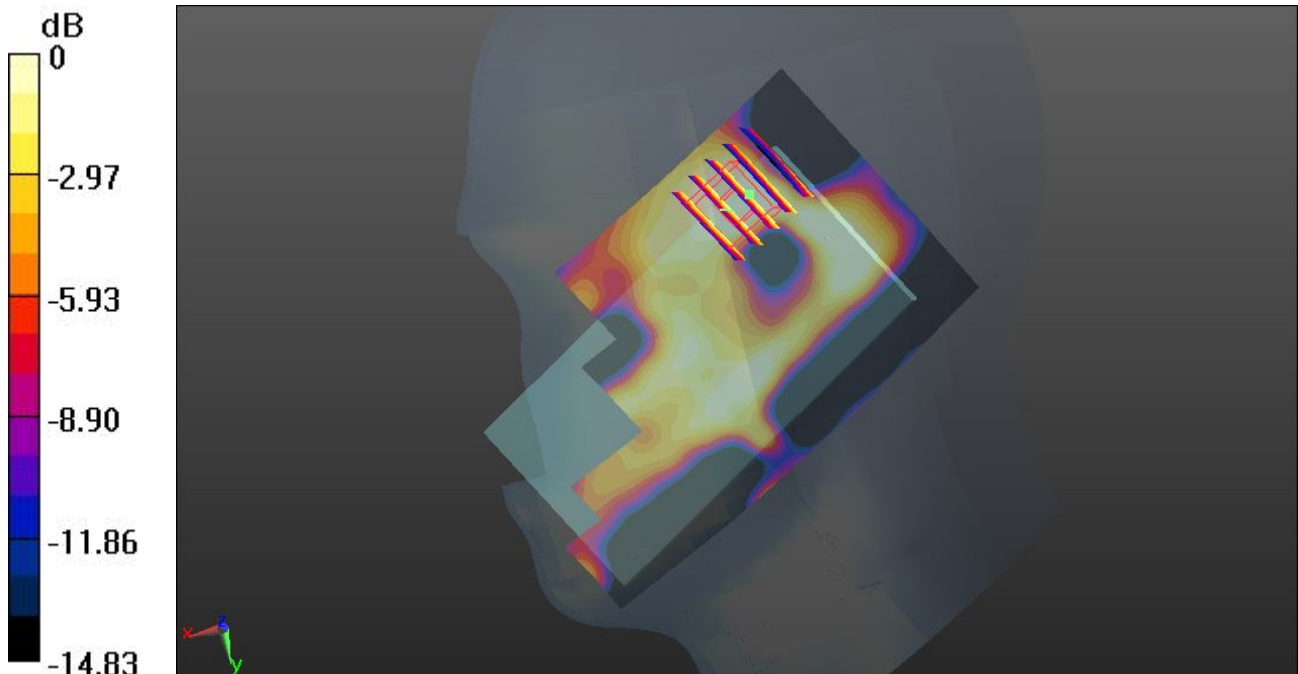
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.256 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.086 mW/g

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.0712 W/kg



0 dB = 0.0712 W/kg

03 GSM1900_GSM Voice_Left Cheek_Ch810

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

Medium: HSL_1900_130919 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r =$

40.972; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.228 W/kg

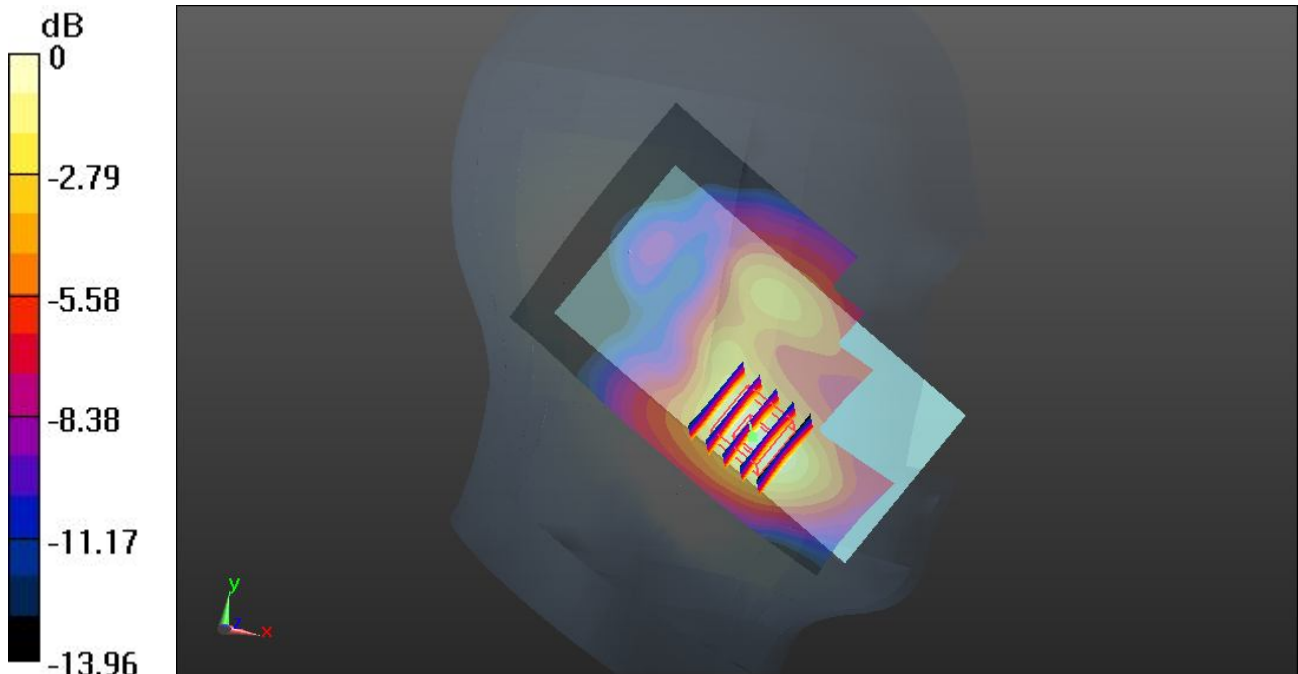
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.128 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.287 mW/g

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg

04 GSM1900_GSM Voice_Left Tilted_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900_130919 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.429$ mho/m; $\epsilon_r = 40.972$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0946 W/kg

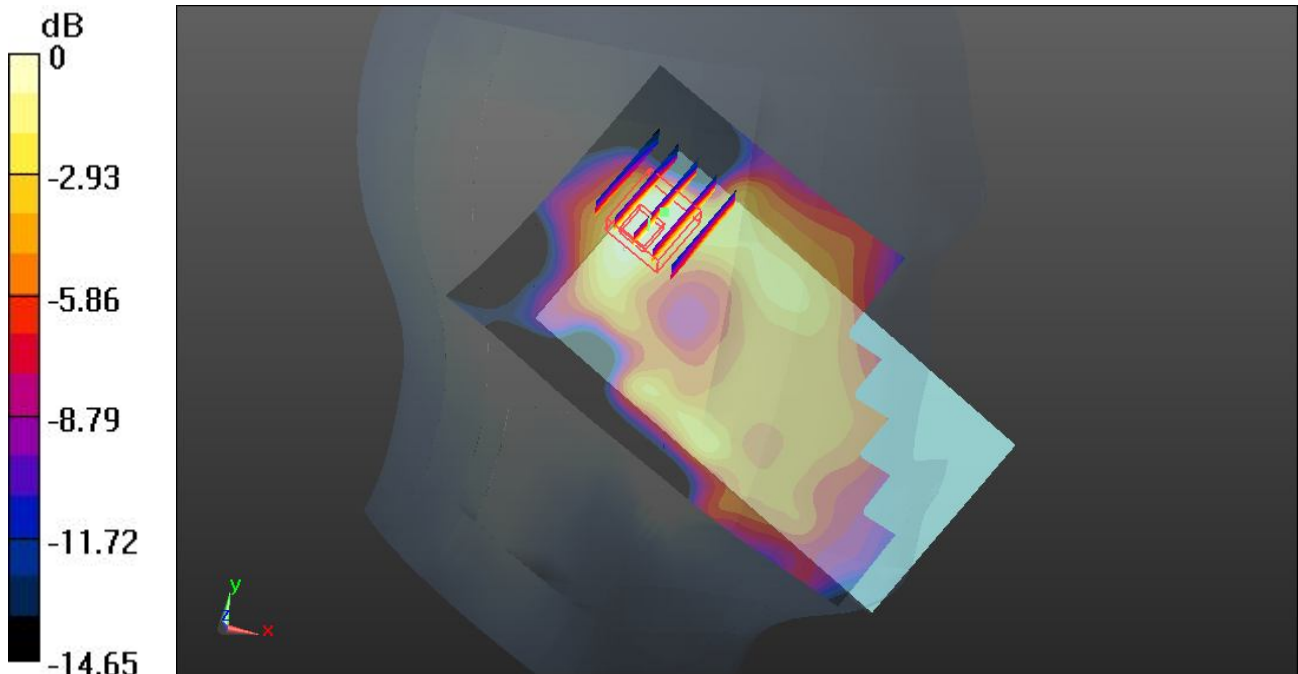
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.064 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.094 mW/g

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.0769 W/kg



0 dB = 0.0769 W/kg

13 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182

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

Medium: HSL_835_130921 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 42.893$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.390 W/kg

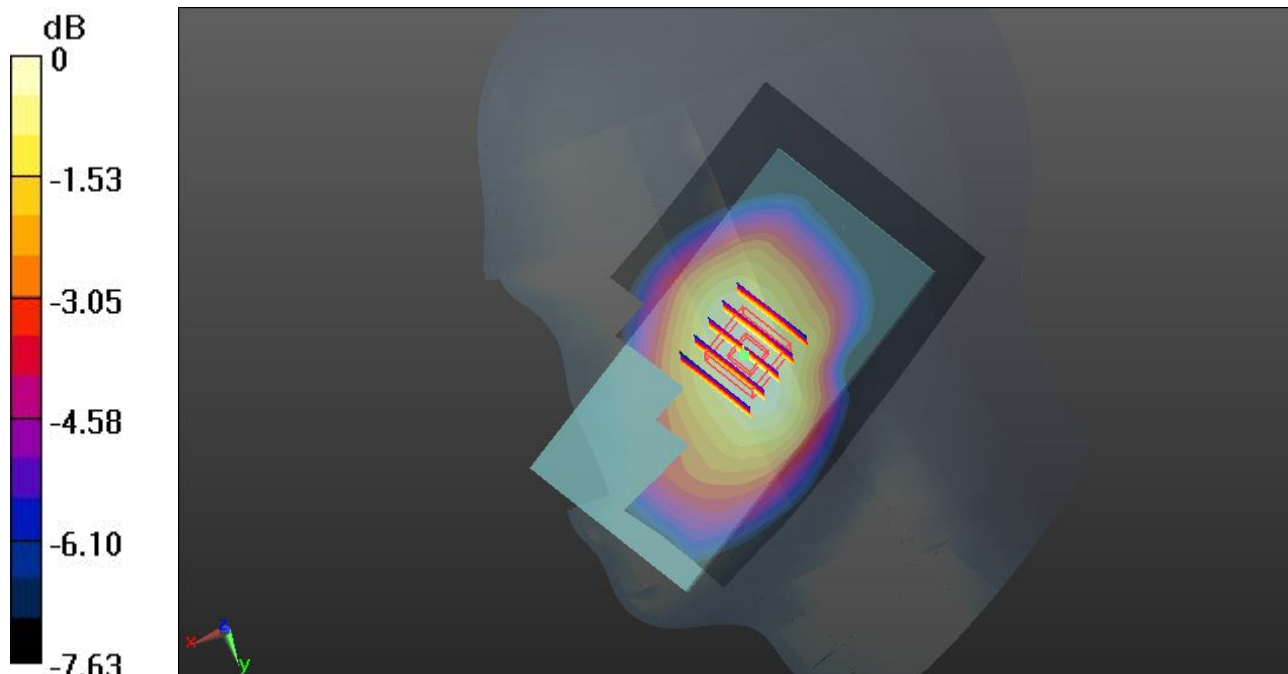
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.397 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.440 mW/g

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.402 W/kg

14 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182

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

Medium: HSL_835_130921 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 42.893$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 W/kg

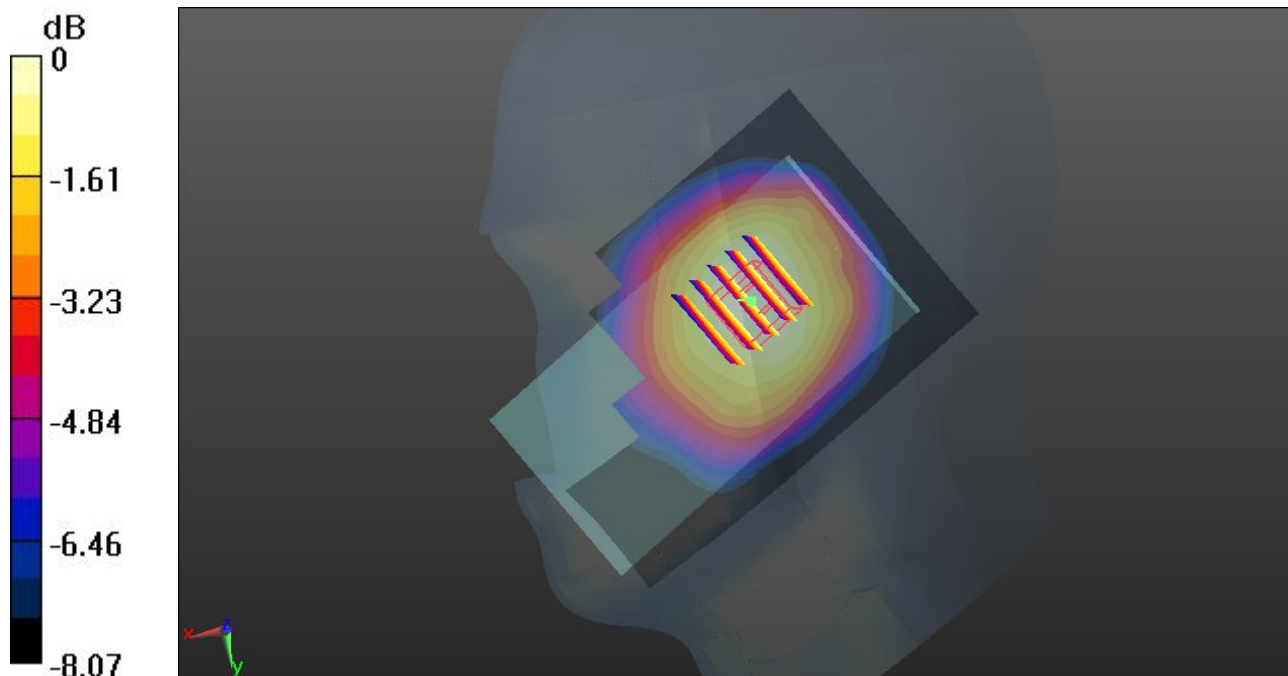
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.986 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.313 mW/g

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.284 W/kg



15 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182

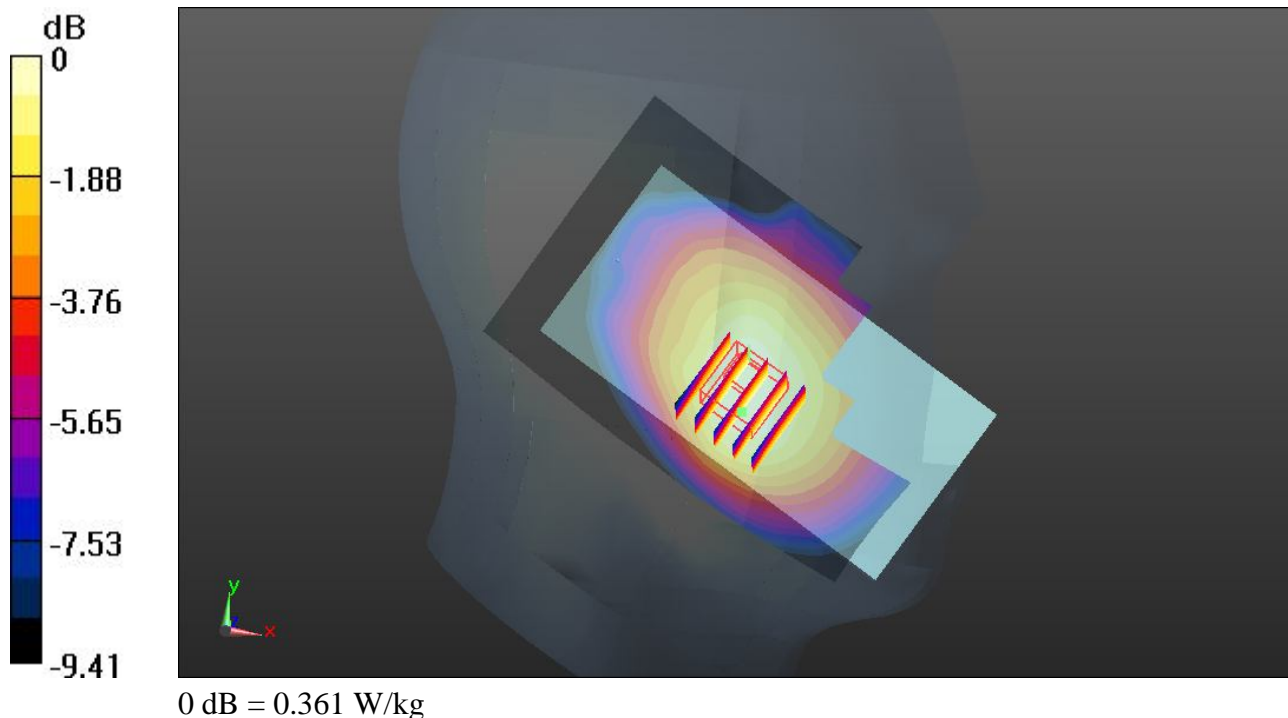
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_130921 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 42.893$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.358 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.344 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.393 mW/g
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.243 mW/g
Maximum value of SAR (measured) = 0.361 W/kg



16 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182

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

Medium: HSL_835_130921 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 42.893$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 W/kg

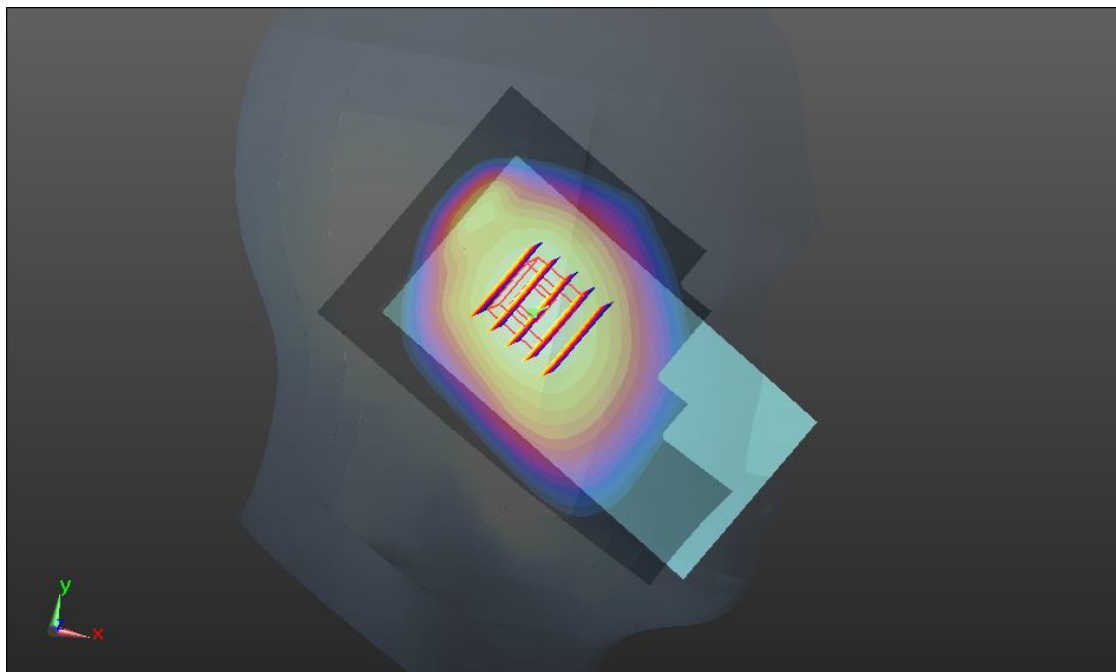
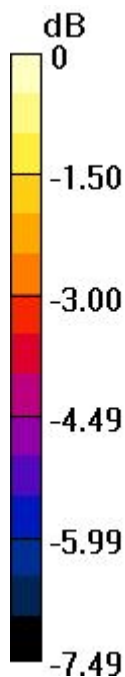
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.288 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.257 mW/g

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg

05 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9400

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

Medium: HSL_1900_130919 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r =$

41.101 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.234 W/kg

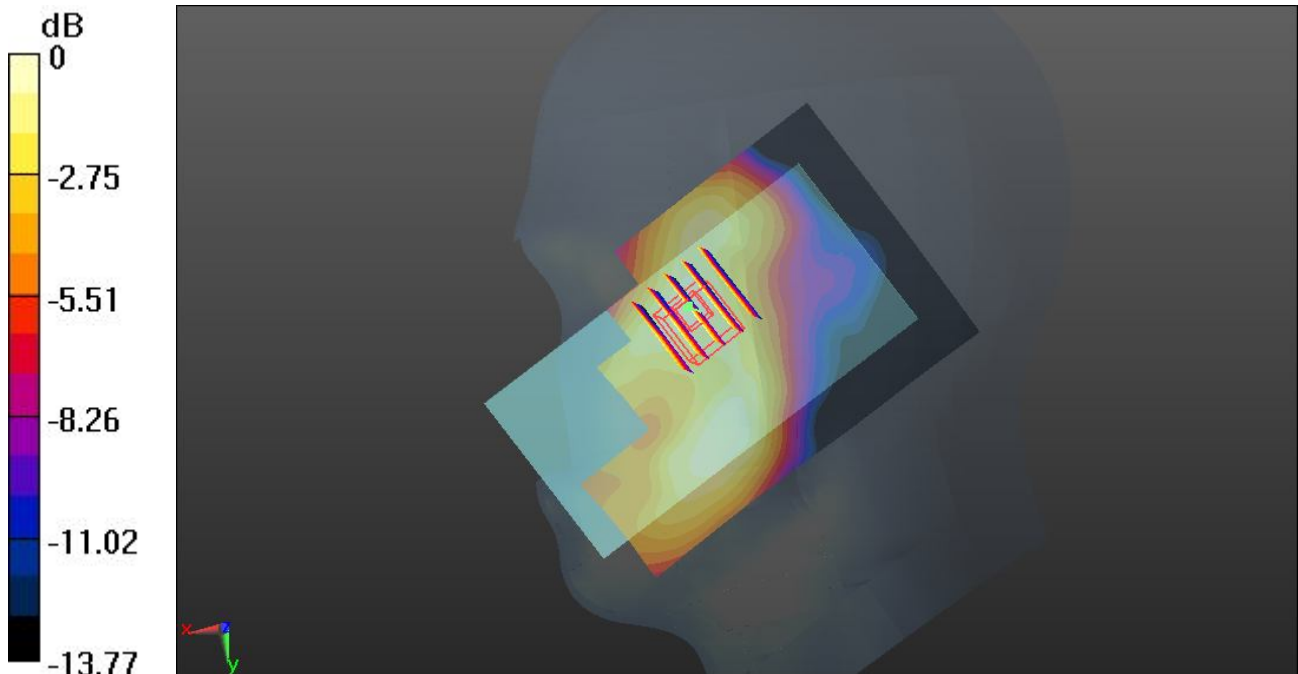
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.594 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.292 mW/g

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg

06 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9400

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

Medium: HSL_1900_130919 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r =$

41.101 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.146 W/kg

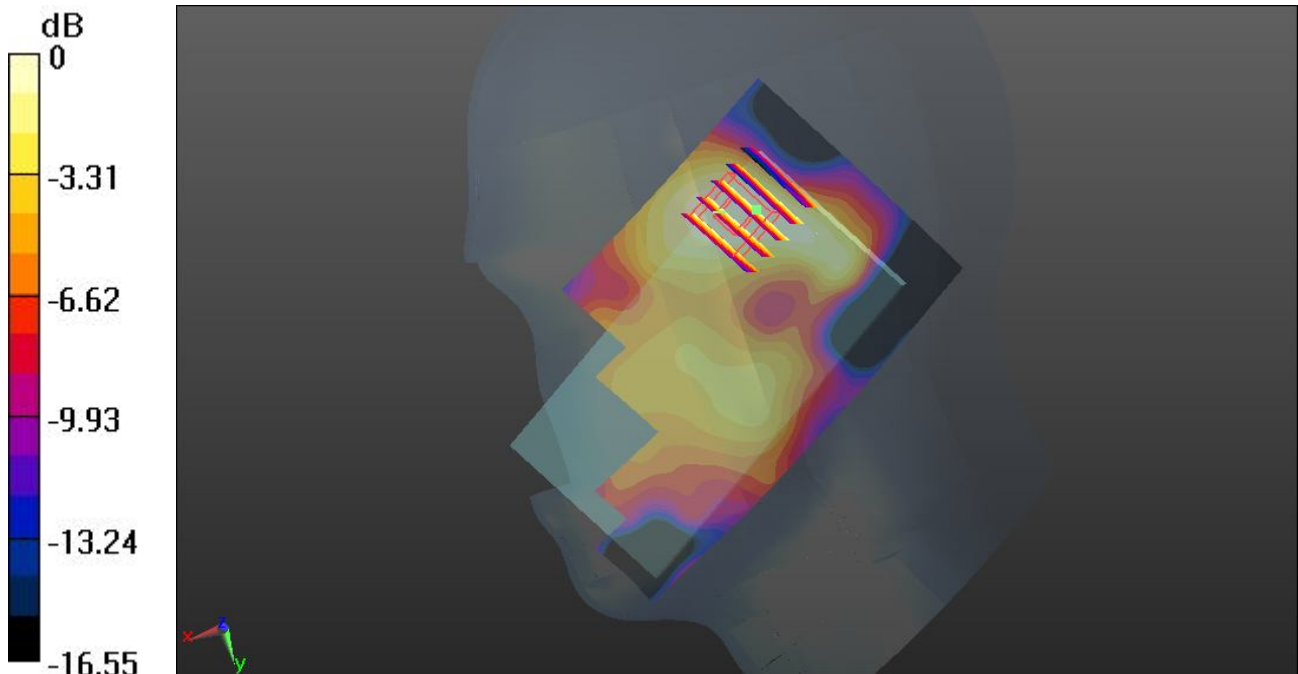
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.514 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.145 mW/g

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg

07 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9400

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

Medium: HSL_1900_130919 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.346 W/kg

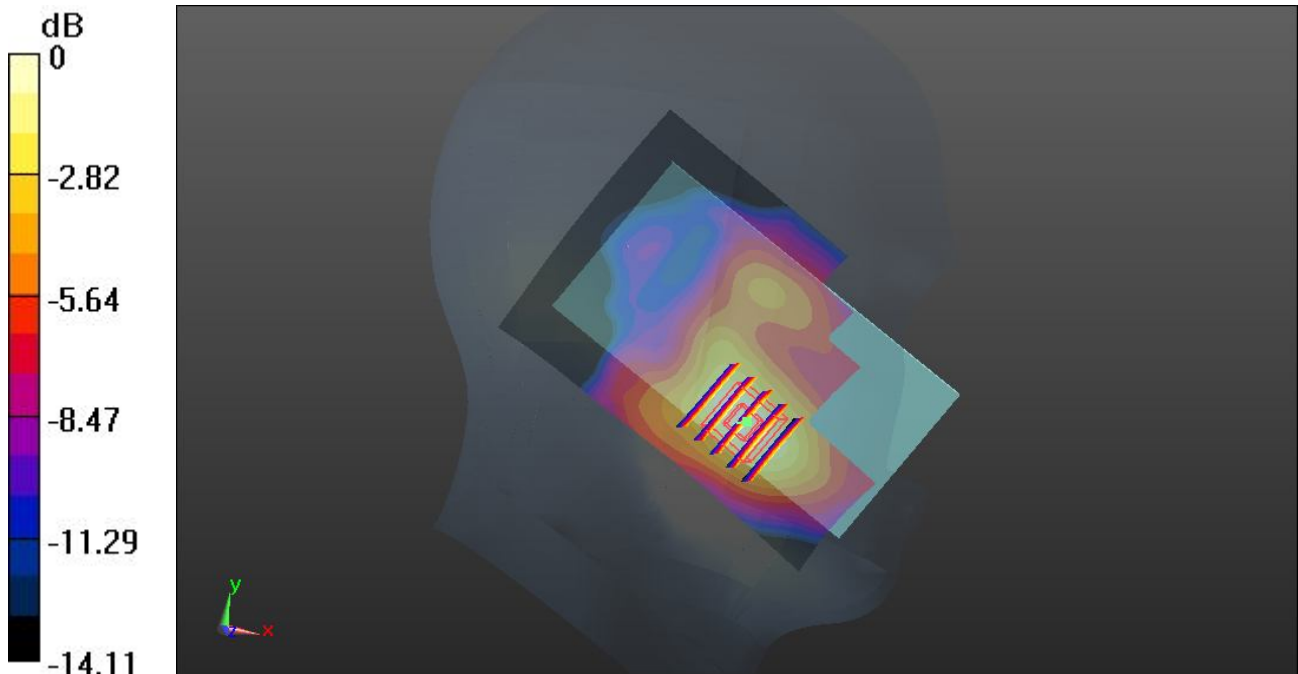
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.039 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.429 mW/g

SAR(1 g) = 0.268 mW/g ; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg

08 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9400

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

Medium: HSL_1900_130919 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.392$ mho/m; $\epsilon_r =$

41.101 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.110 W/kg

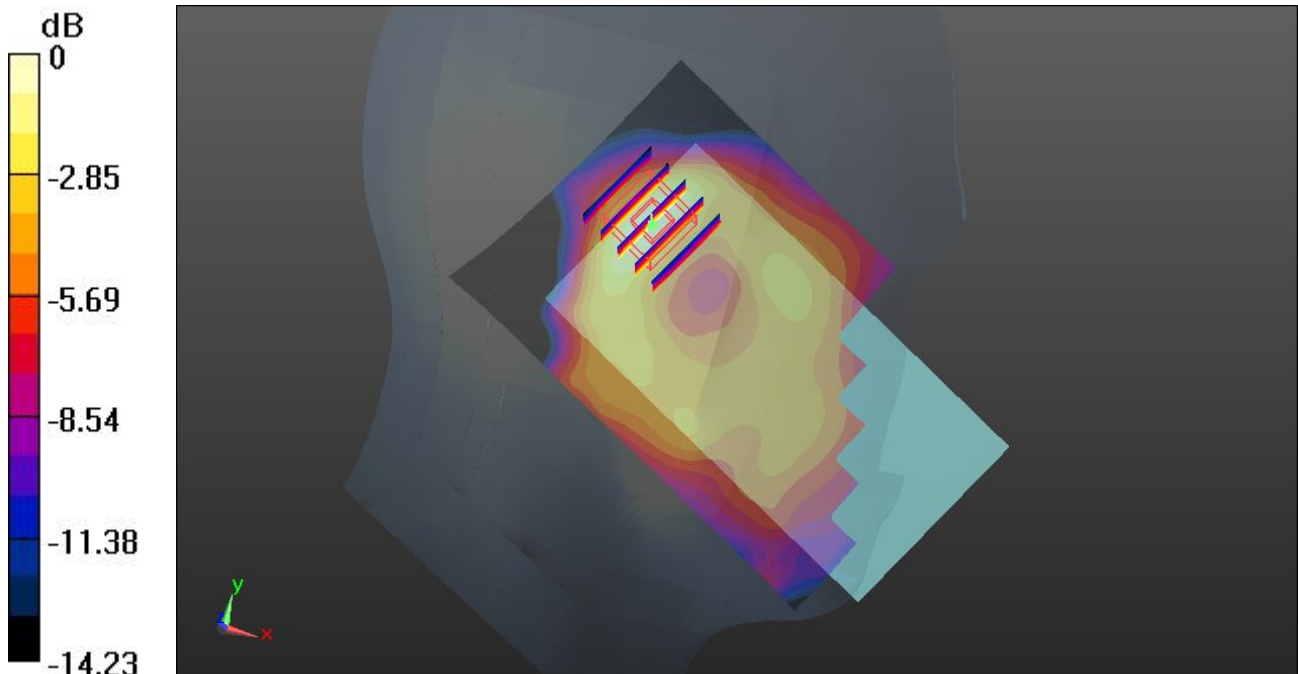
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.091 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.131 mW/g

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg

101 WLAN2.4GHz_802.11b_Right Cheek_Ch11

Communication System: WIFI; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r = 40.41$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.527 W/kg

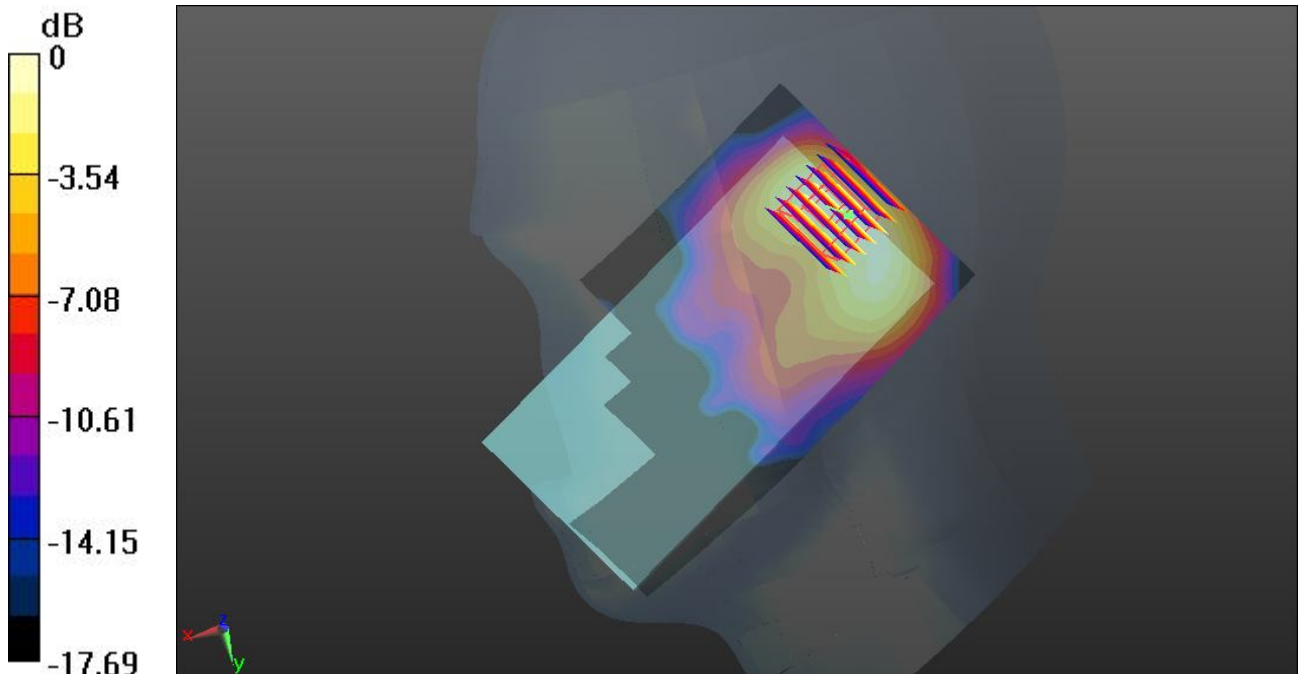
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.906 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.692 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.532 W/kg



0 dB = 0.532 W/kg

102 WLAN2.4GHz_802.11b_Right Tilted_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r = 40.41$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.762 W/kg

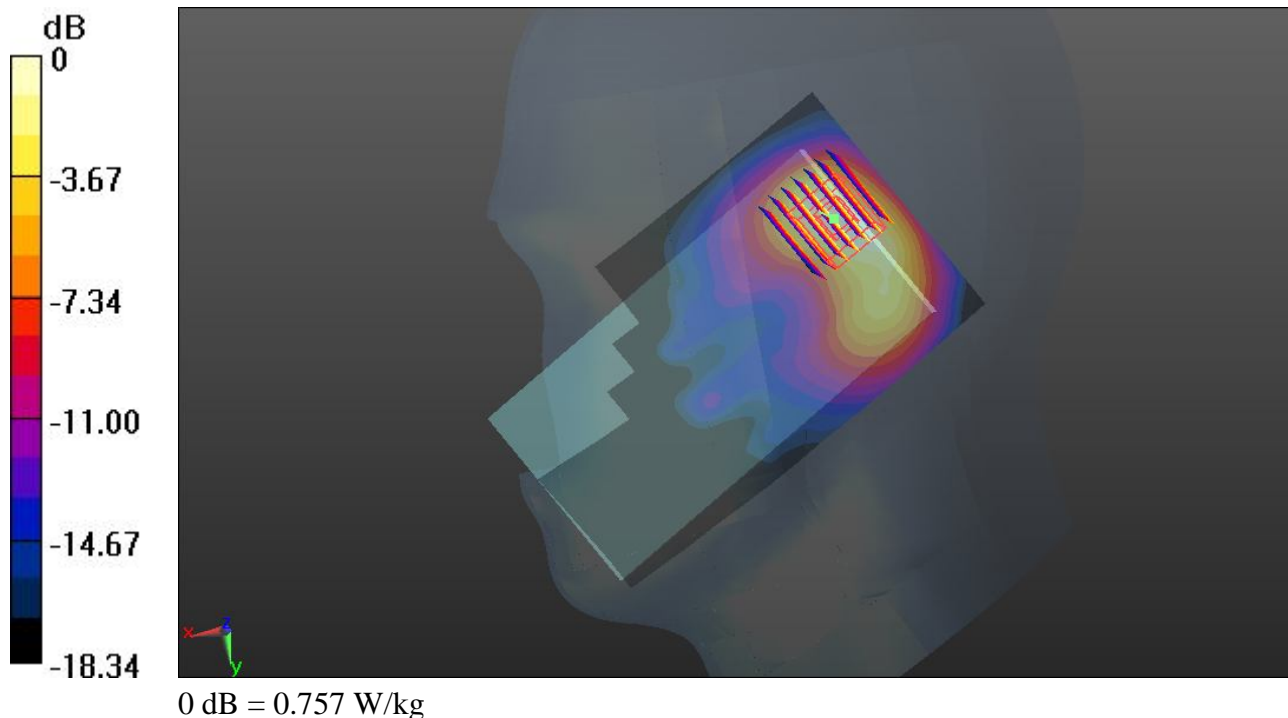
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.234 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.971 mW/g

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.757 W/kg



103 WLAN2.4GHz_802.11b_Left Cheek_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r = 40.41$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 2.12 W/kg

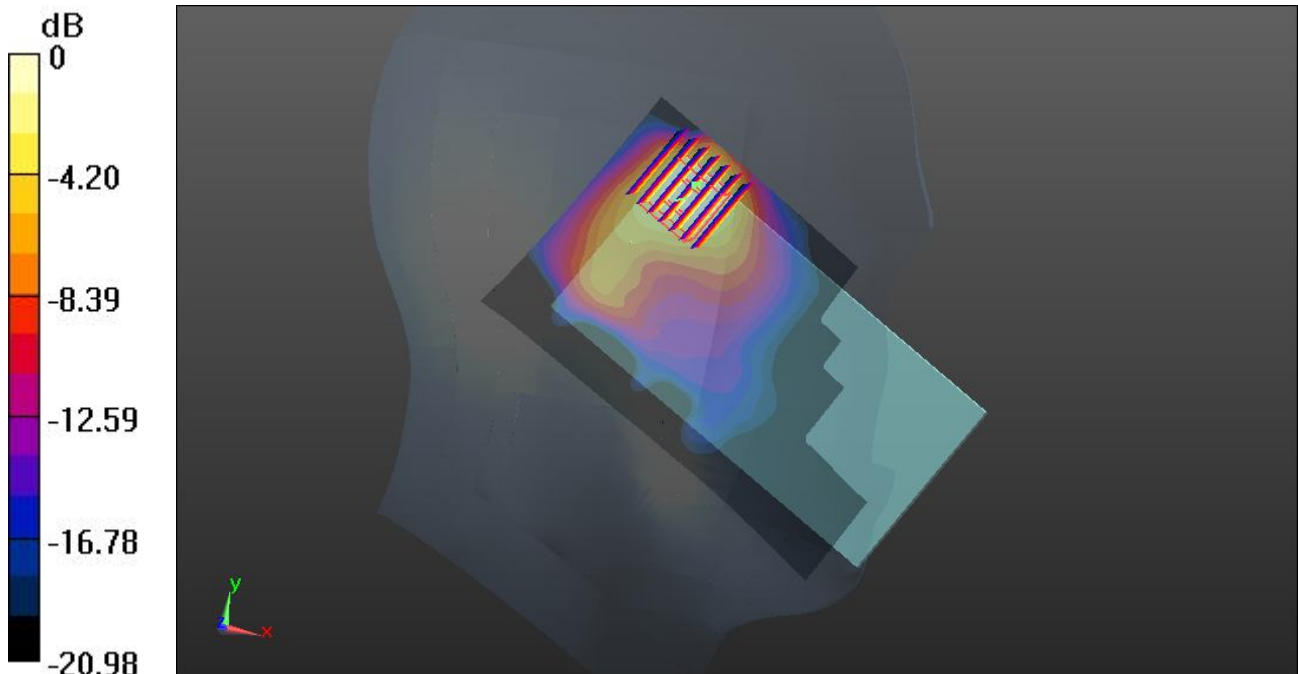
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.667 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.219 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.504 mW/g

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg

104 WLAN2.4GHz_802.11b_Left Tilted_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r = 40.41$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.42 W/kg

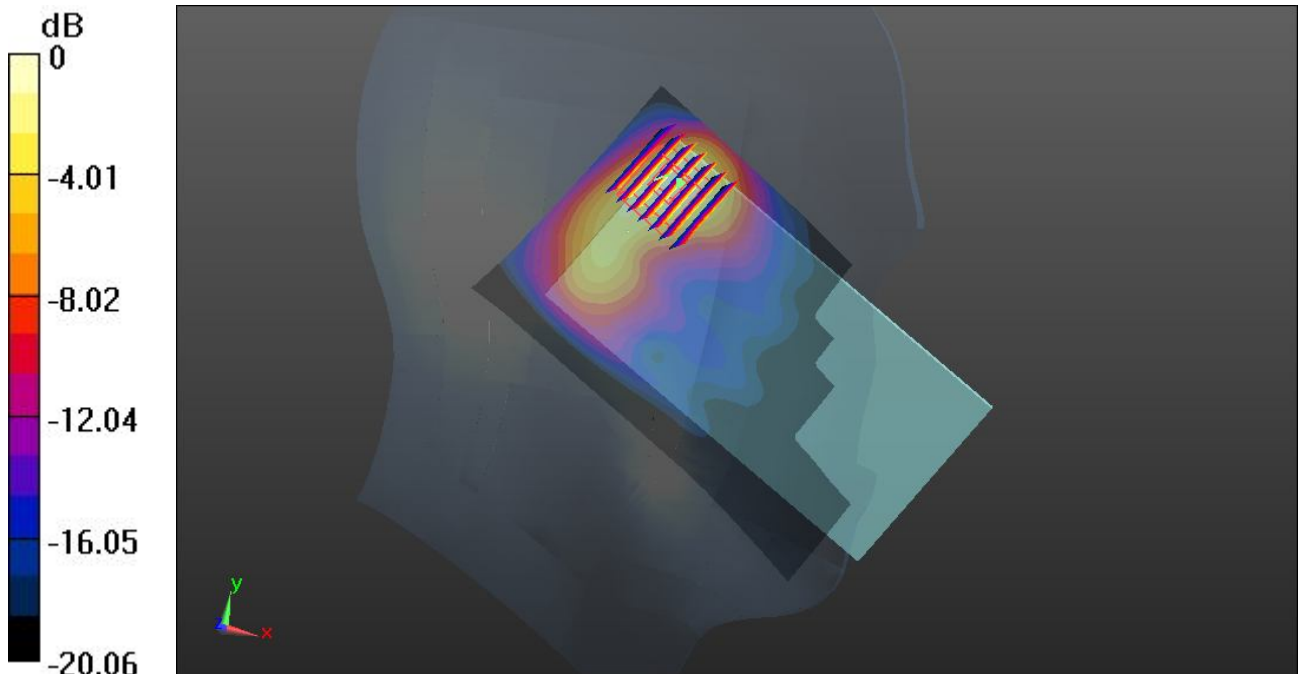
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.269 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.911 mW/g

SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg

105 WLAN2.4GHz_802.11b_Left Cheek_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$

40.615 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 2.14 W/kg

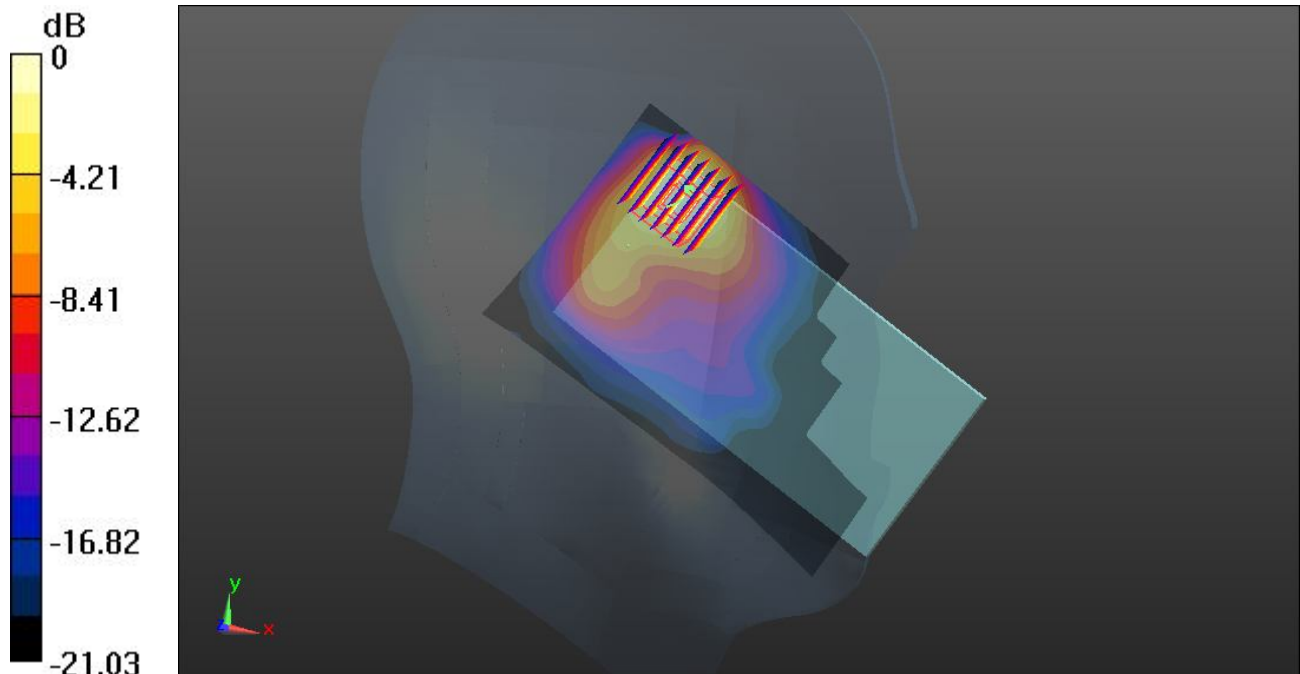
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.173 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.256 mW/g

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.520 mW/g

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg

109 WLAN2.4GHz_802.11b_Left Cheek_Ch1_Repeat SAR

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$

40.615 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 2.05 W/kg

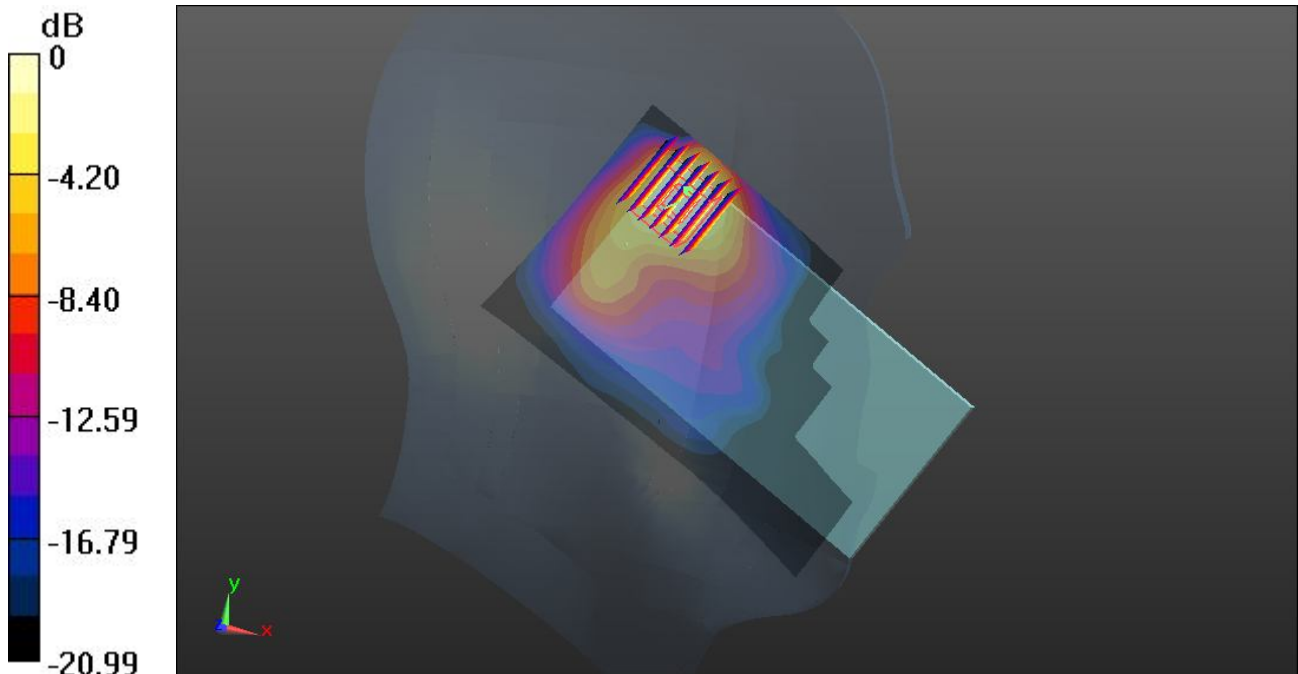
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.628 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.150 mW/g

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.500 mW/g

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg

106 WLAN2.4GHz_802.11b_Left Cheek_Ch6

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

Medium: HSL_2450_130921 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 2.04 W/kg

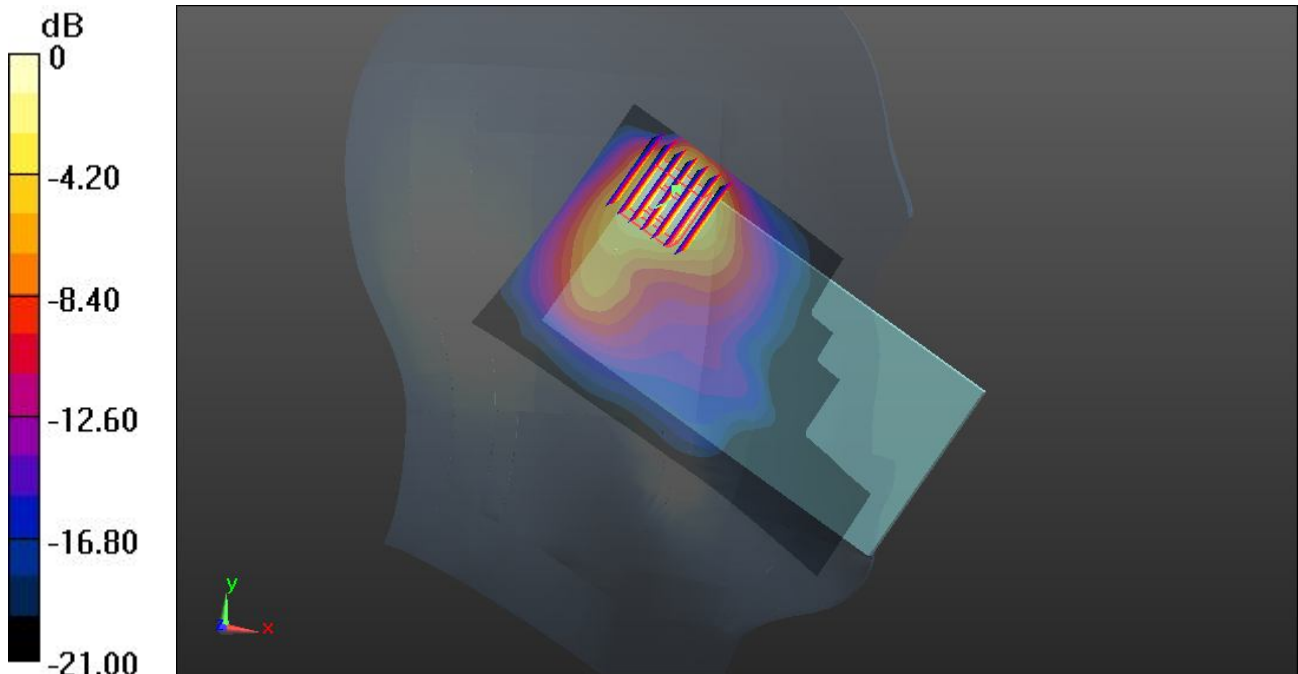
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.270 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.134 mW/g

SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg

107 WLAN2.4GHz_802.11b_Left Tilted_Ch1

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450_130921 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.834$ mho/m; $\epsilon_r =$

40.615 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.39 W/kg

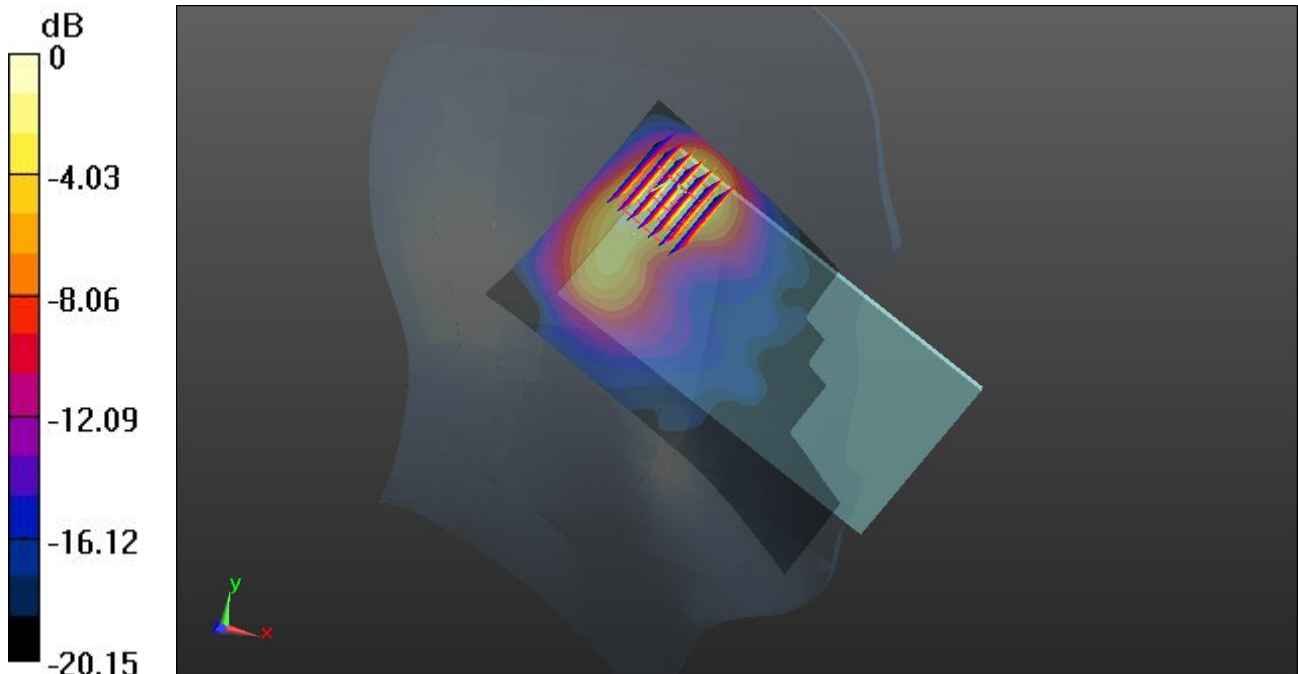
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.857 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.855 mW/g

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg

108 WLAN2.4GHz_802.11b_Left Tilted_Ch6

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

Medium: HSL_2450_130921 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.863$ mho/m; $\epsilon_r = 40.52$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.36 W/kg

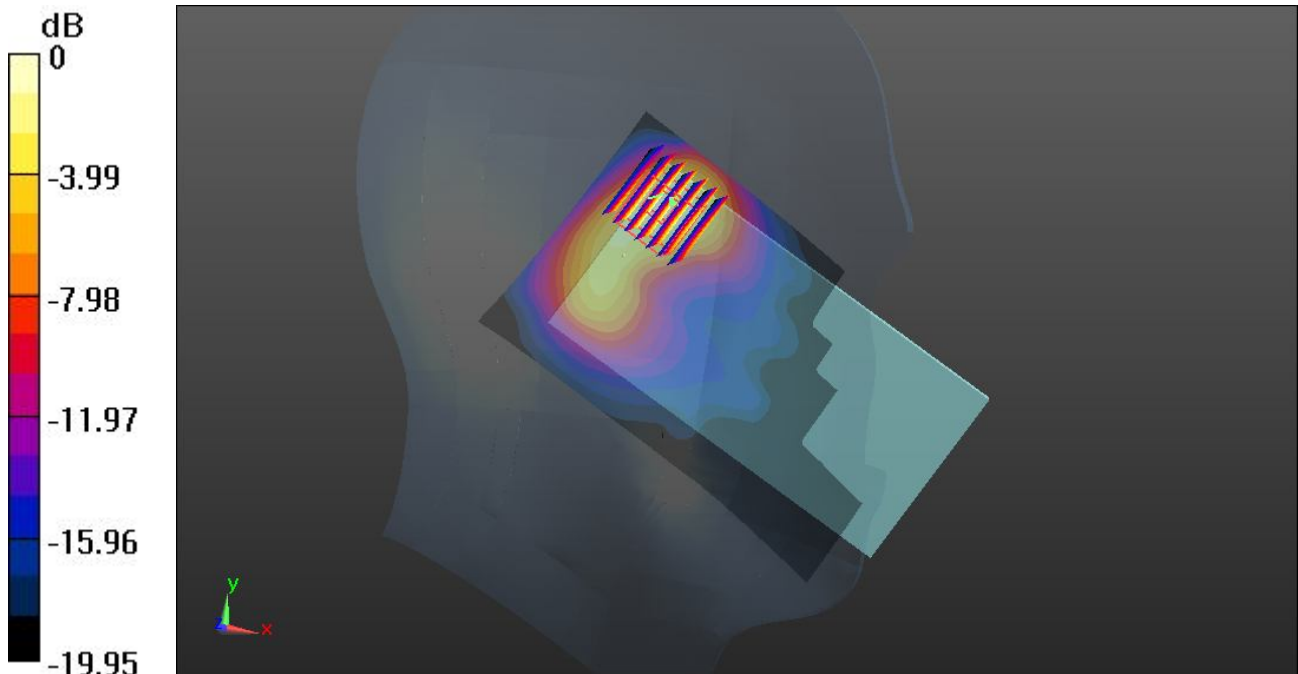
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.394 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.803 mW/g

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg

17 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch251

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_835_130922 Medium parameters used: $f = 849$ MHz; $\sigma = 1.026$ mho/m; $\epsilon_r = 56.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.658 W/kg

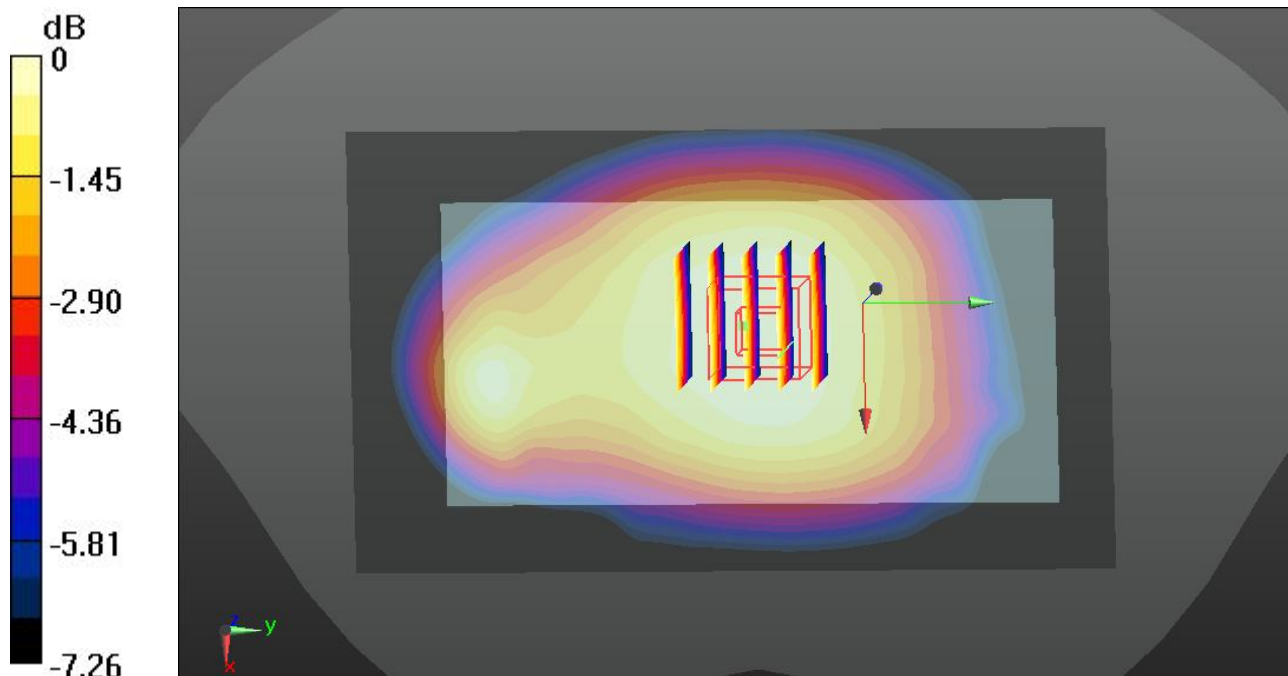
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.745 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.709 mW/g

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.651 W/kg



0 dB = 0.651 W/kg

18 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_835_130922 Medium parameters used: $f = 849$ MHz; $\sigma = 1.026$ mho/m; $\epsilon_r = 56.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.885 W/kg

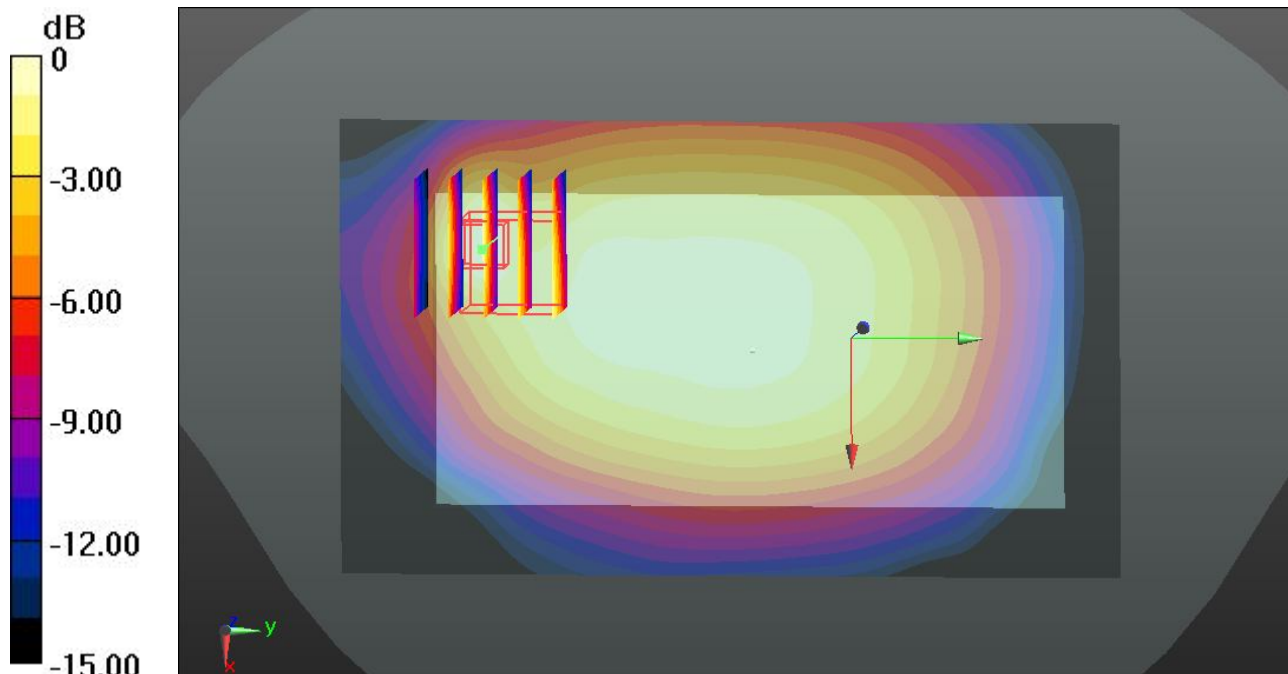
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.145 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.003 mW/g

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 0.844 W/kg



0 dB = 0.844 W/kg

20 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch251

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_835_130922 Medium parameters used: $f = 849$ MHz; $\sigma = 1.026$ mho/m; $\epsilon_r = 56.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.691 W/kg

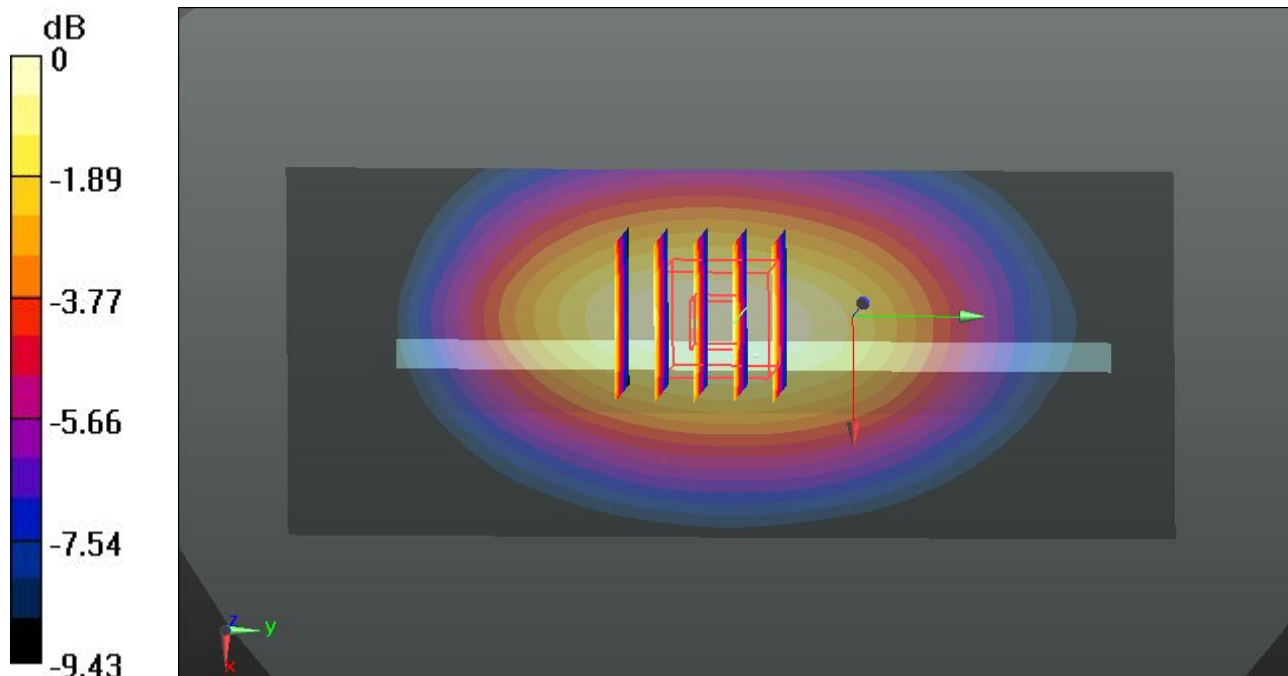
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.471 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.782 mW/g

SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg

21 GSM850_GPRS(4 Tx slots)_Botom Side_1cm_Ch251

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL_835_130922 Medium parameters used: $f = 849$ MHz; $\sigma = 1.026$ mho/m; $\epsilon_r = 56.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.775 W/kg

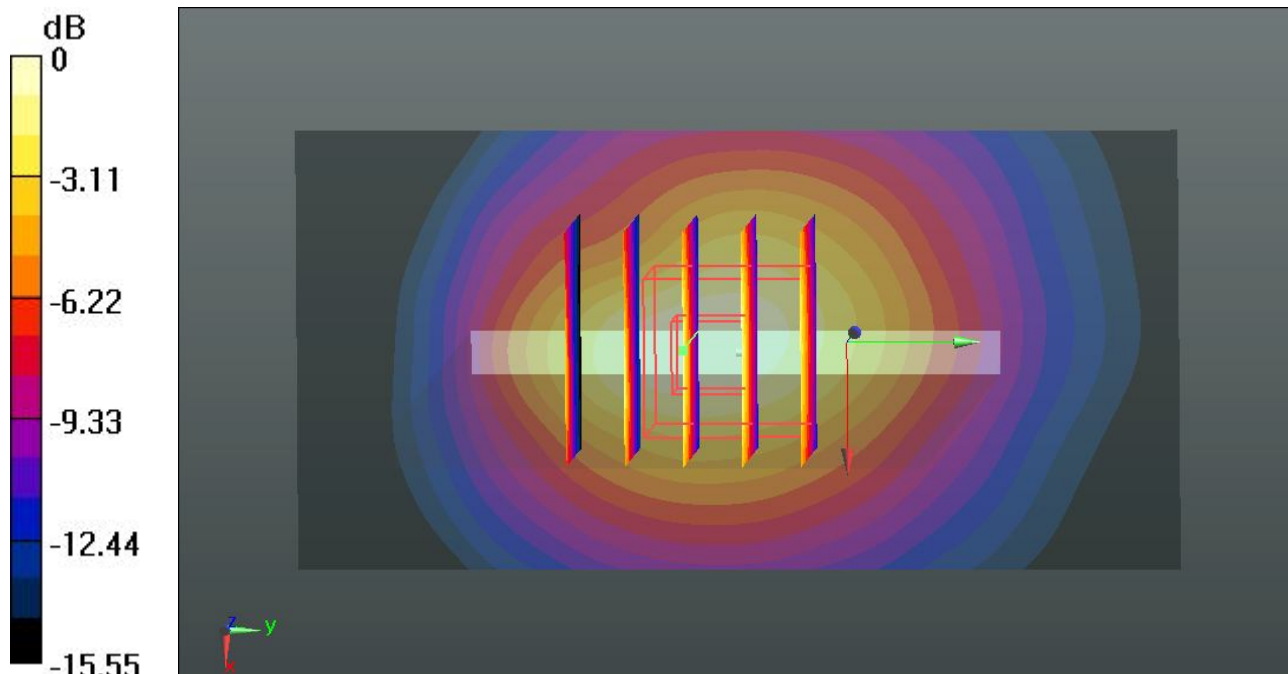
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.299 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.034 mW/g

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.792 W/kg



0 dB = 0.792 W/kg

22 GSM850_GSM Voice_Front_1cm_Ch251

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

Medium: MSL_835_130922 Medium parameters used: $f = 849$ MHz; $\sigma = 1.026$ mho/m; $\epsilon_r = 56.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.383 W/kg

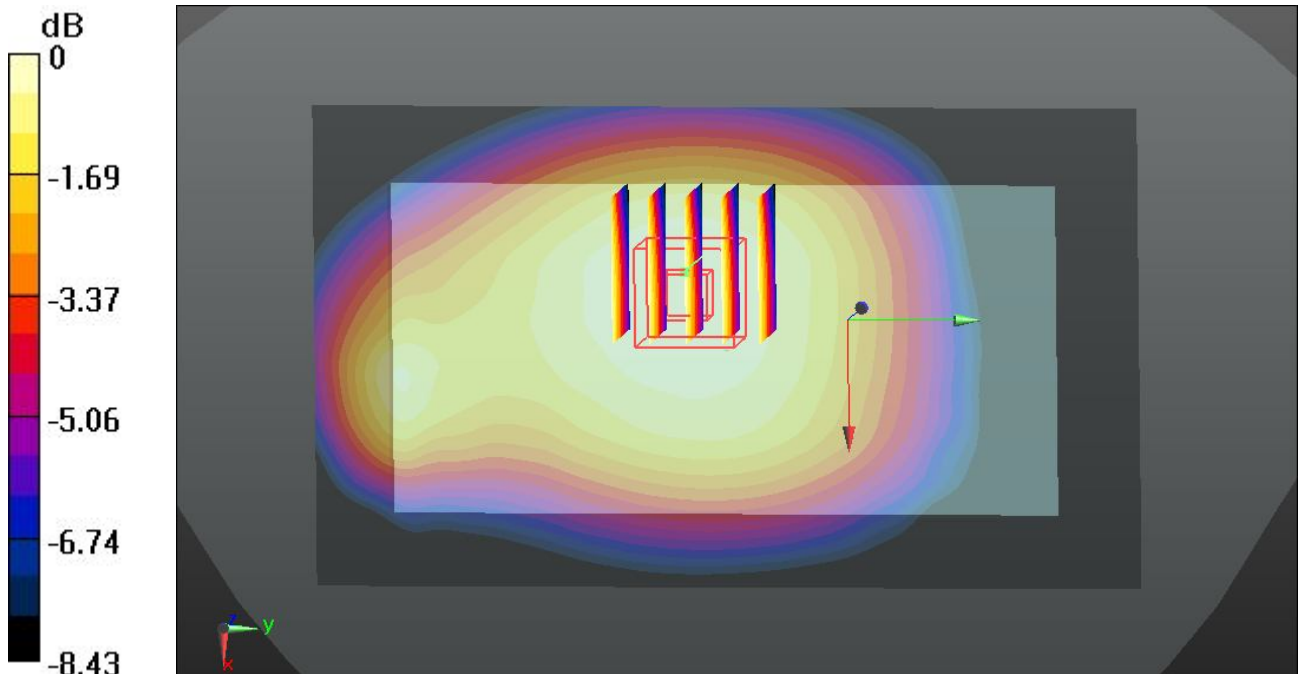
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.763 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.418 mW/g

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg

23 GSM850_GSM Voice_Back_1cm_Ch251

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

Medium: MSL_835_130922 Medium parameters used: $f = 849$ MHz; $\sigma = 1.026$ mho/m; $\epsilon_r = 56.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.485 W/kg

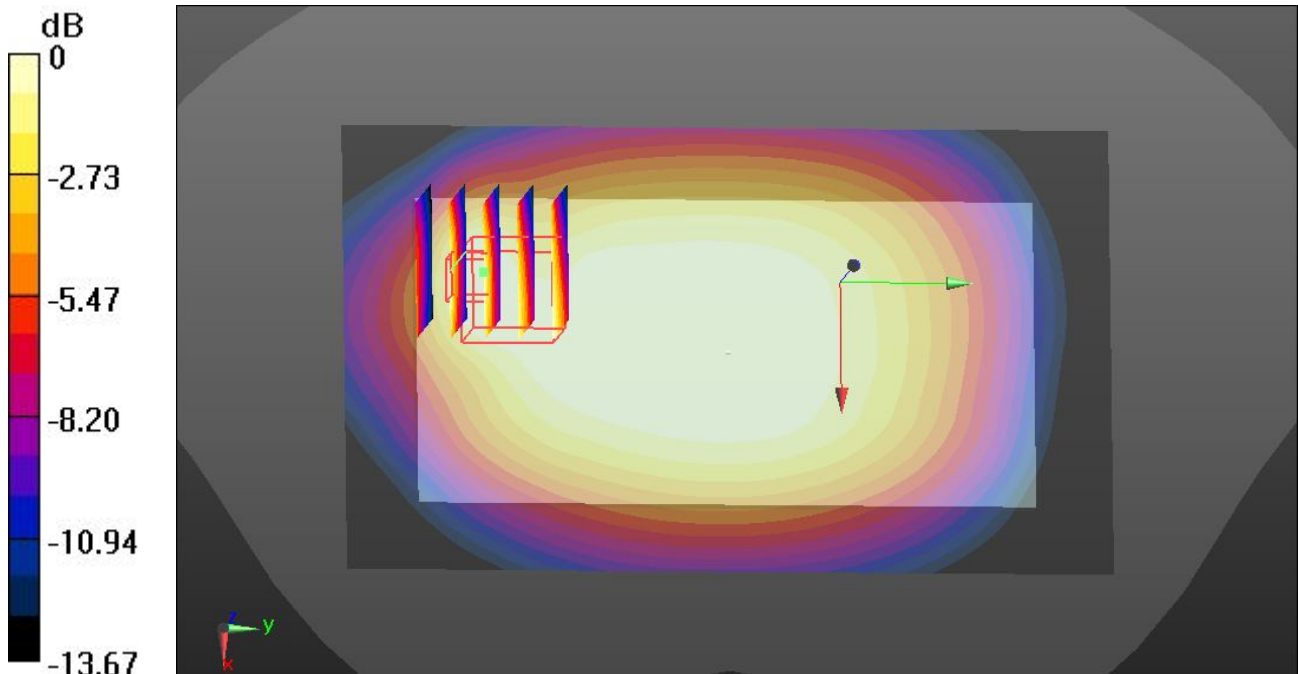
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.168 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.574 mW/g

SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg

29 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch810

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ mho/m; $\epsilon_r = 54.586$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 W/kg

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

Reference Value = 34.121 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.106 mW/g

SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.668 mW/g

Maximum value of SAR (measured) = 1.73 W/kg

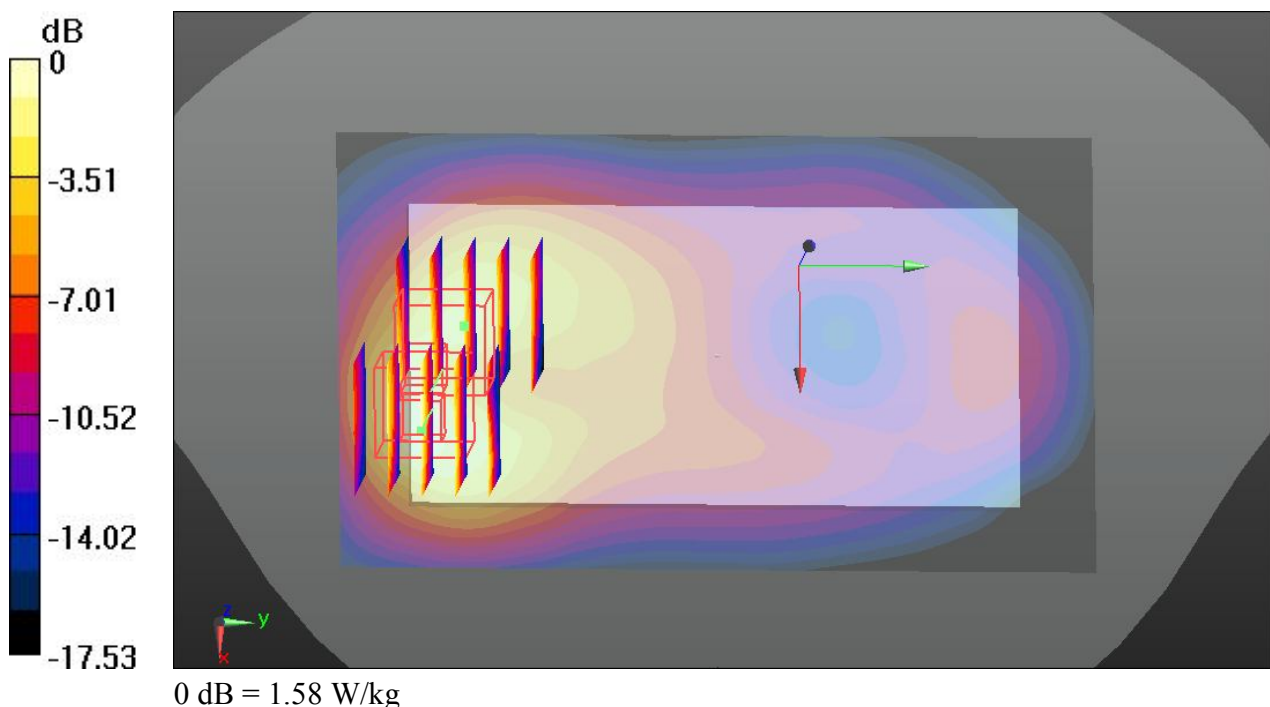
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.121 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.015 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.58 W/kg



30 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ mho/m; $\epsilon_r = 54.586$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.42 W/kg

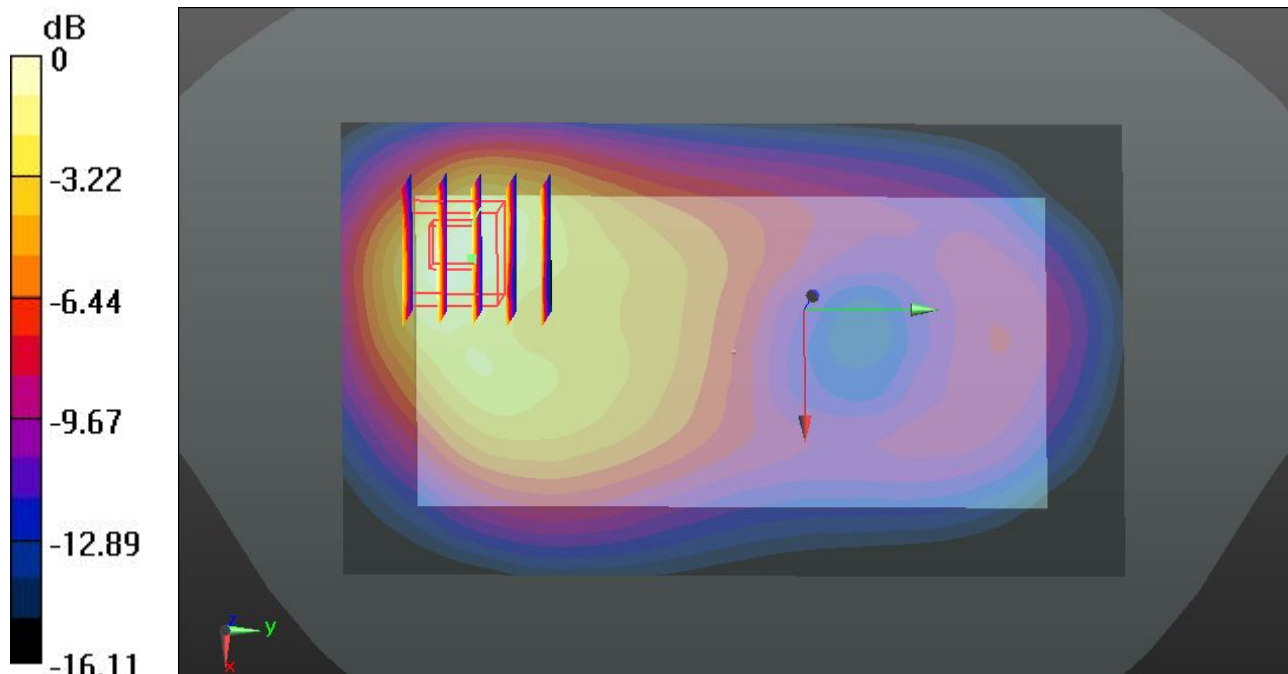
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.461 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.953 mW/g

SAR(1 g) = 1.150 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg

32 GSM1900_GPRS(4 Tx slots)_Right Side_1cm_Ch810

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
Medium: MSL_1900_130923 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ mho/m; $\epsilon_r = 54.586$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.331 W/kg

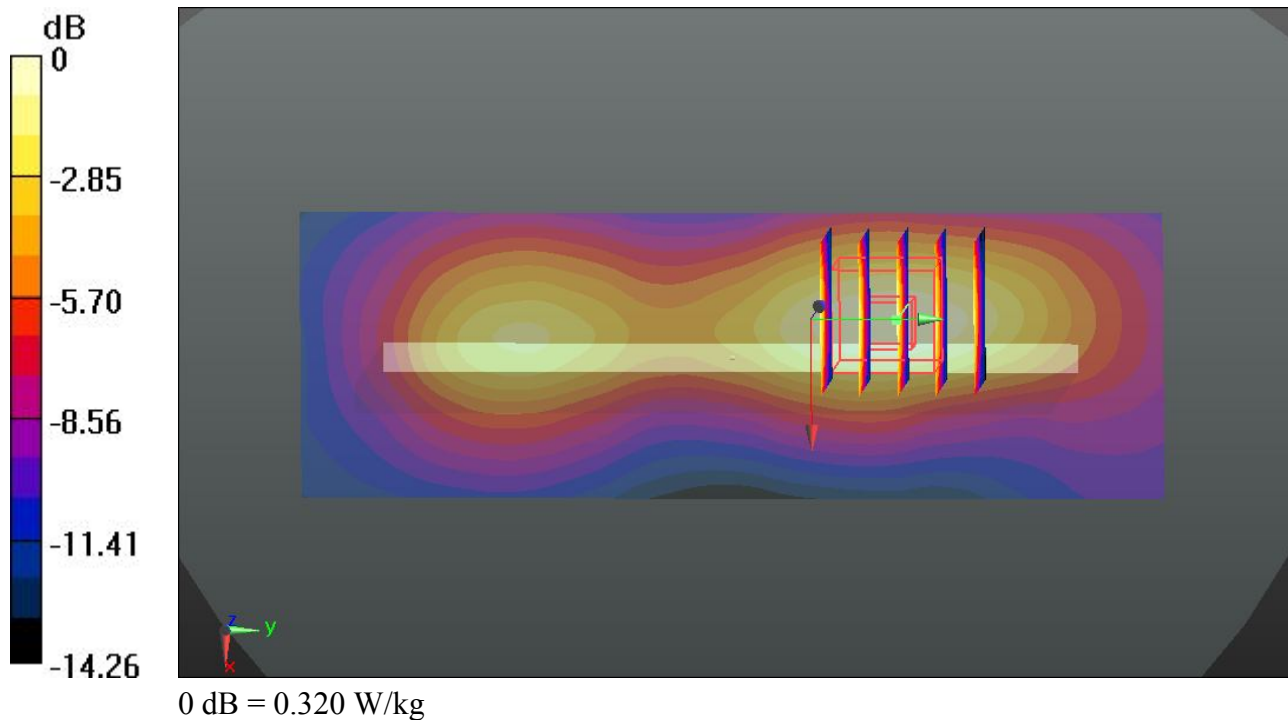
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.654 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.390 mW/g

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.320 W/kg



33 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810

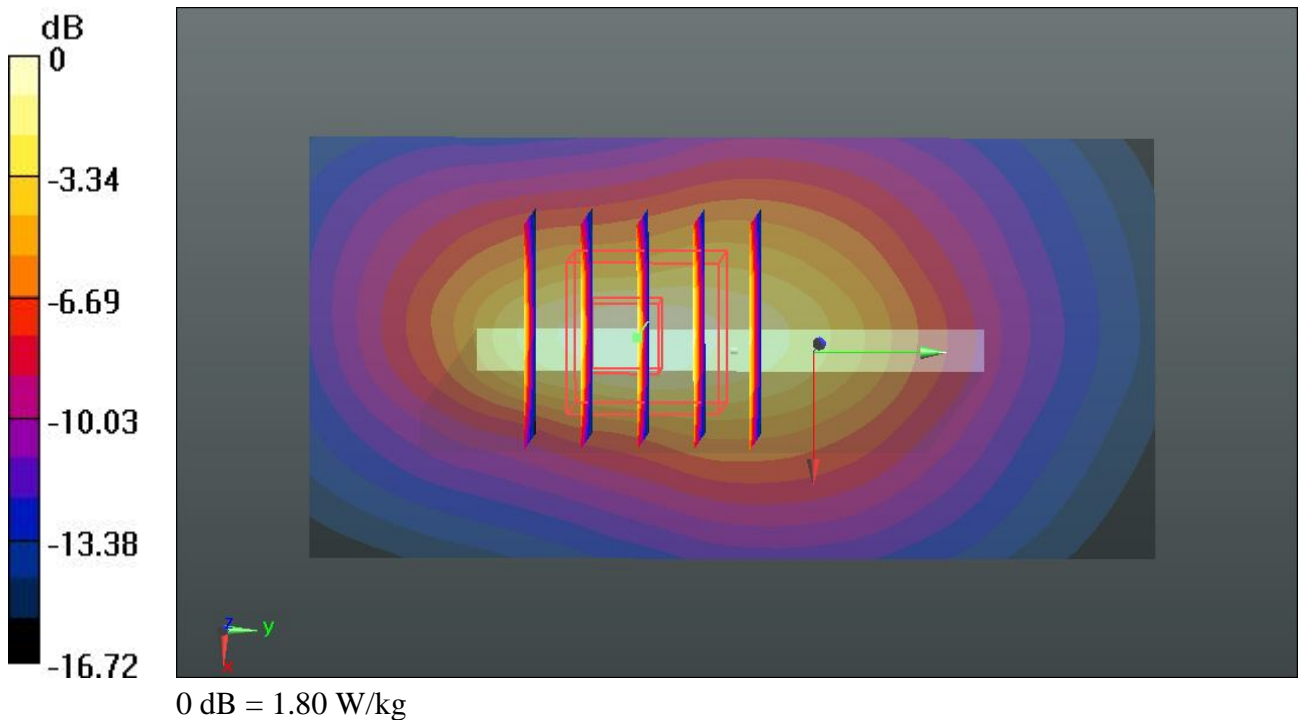
Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.544 \text{ mho/m}$; $\epsilon_r = 54.586$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.84 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 34.702 V/m ; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 2.209 mW/g
SAR(1 g) = 1.290 mW/g ; SAR(10 g) = 0.685 mW/g
 Maximum value of SAR (measured) = 1.80 W/kg



42 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810_Repeat SAR

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.544 \text{ mho/m}$; $\epsilon_r = 54.586$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.83 W/kg

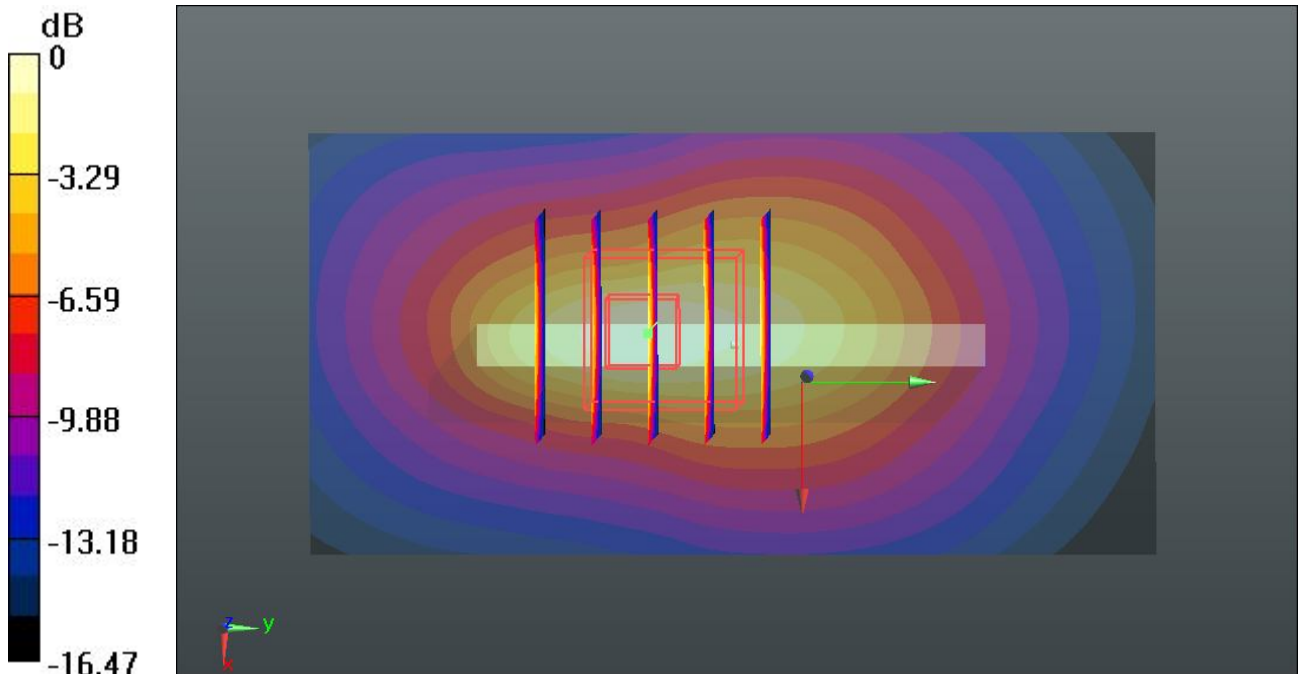
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.796 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.188 mW/g

SAR(1 g) = 1.270 mW/g ; SAR(10 g) = 0.678 mW/g

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg

36 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch512

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r = 54.843$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.945 W/kg

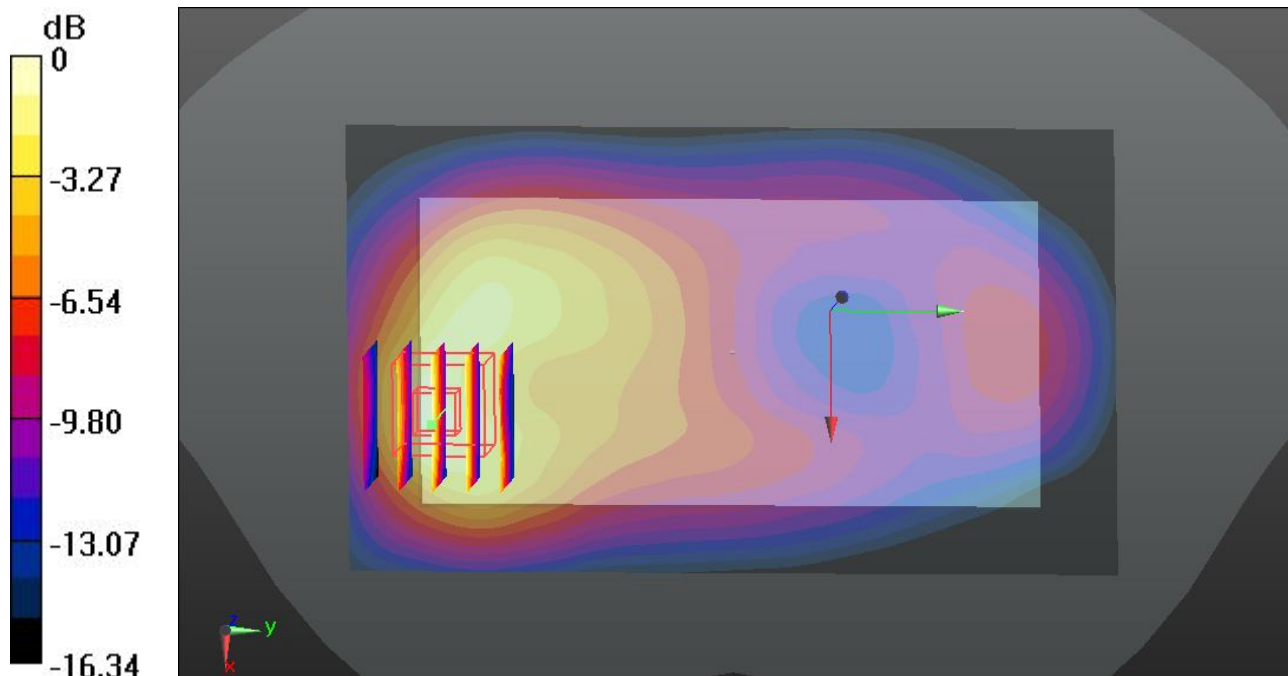
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.321 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.273 mW/g

SAR(1 g) = 0.786 mW/g ; SAR(10 g) = 0.439 mW/g

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



0 dB = 1.06 W/kg

37 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch661

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

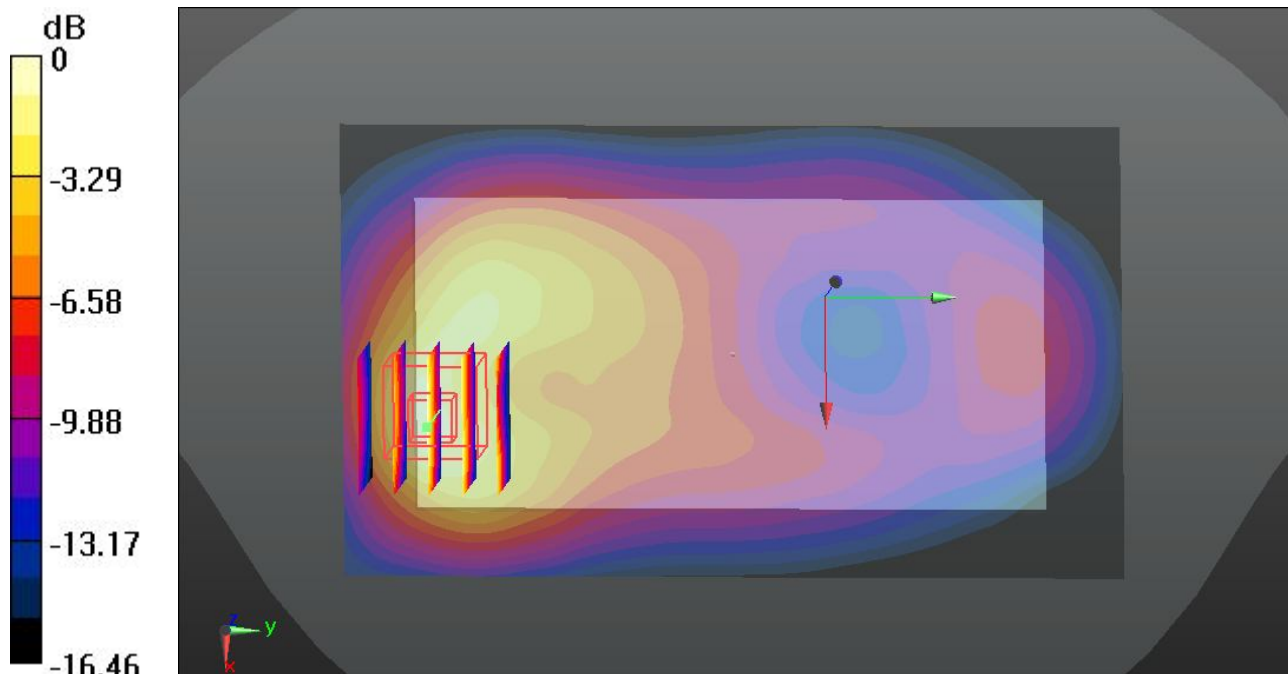
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.515 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.535 mW/g

SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.512 mW/g

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg

38 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch512

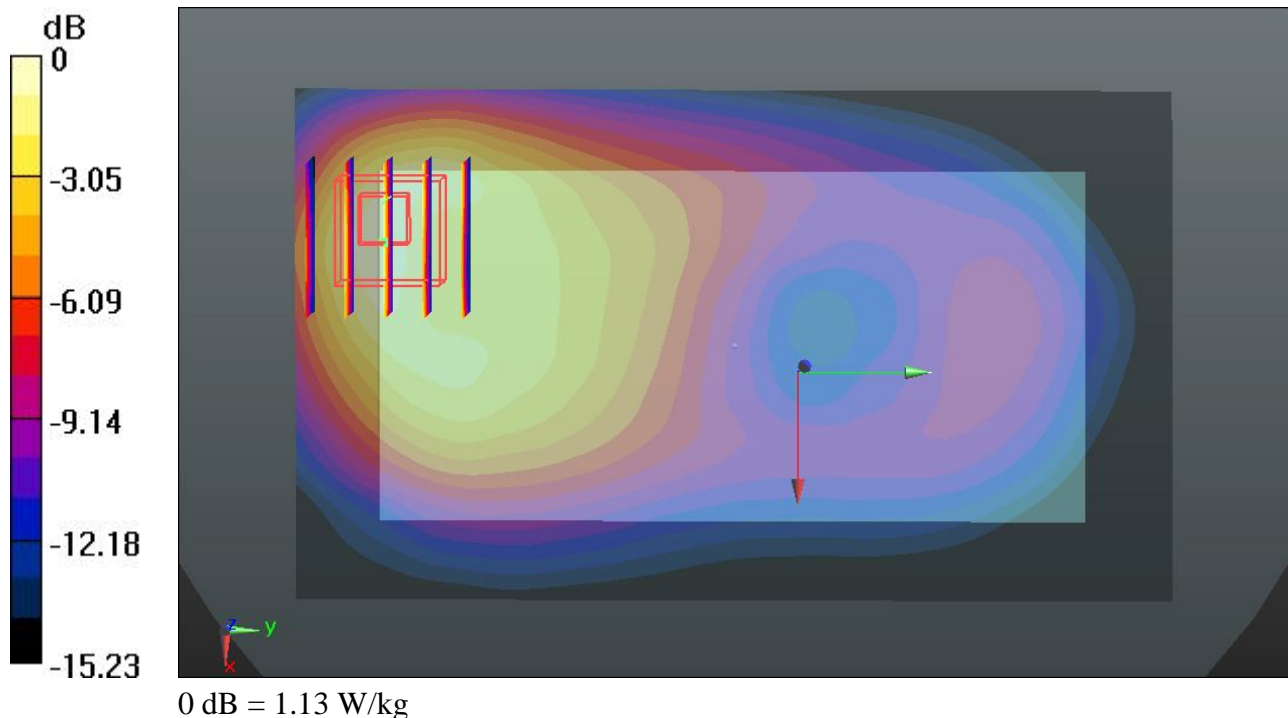
Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
Medium: MSL_1900_130923 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.468$ mho/m; $\epsilon_r = 54.843$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.813 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.422 mW/g
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.482 mW/g
Maximum value of SAR (measured) = 1.13 W/kg



39 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch661

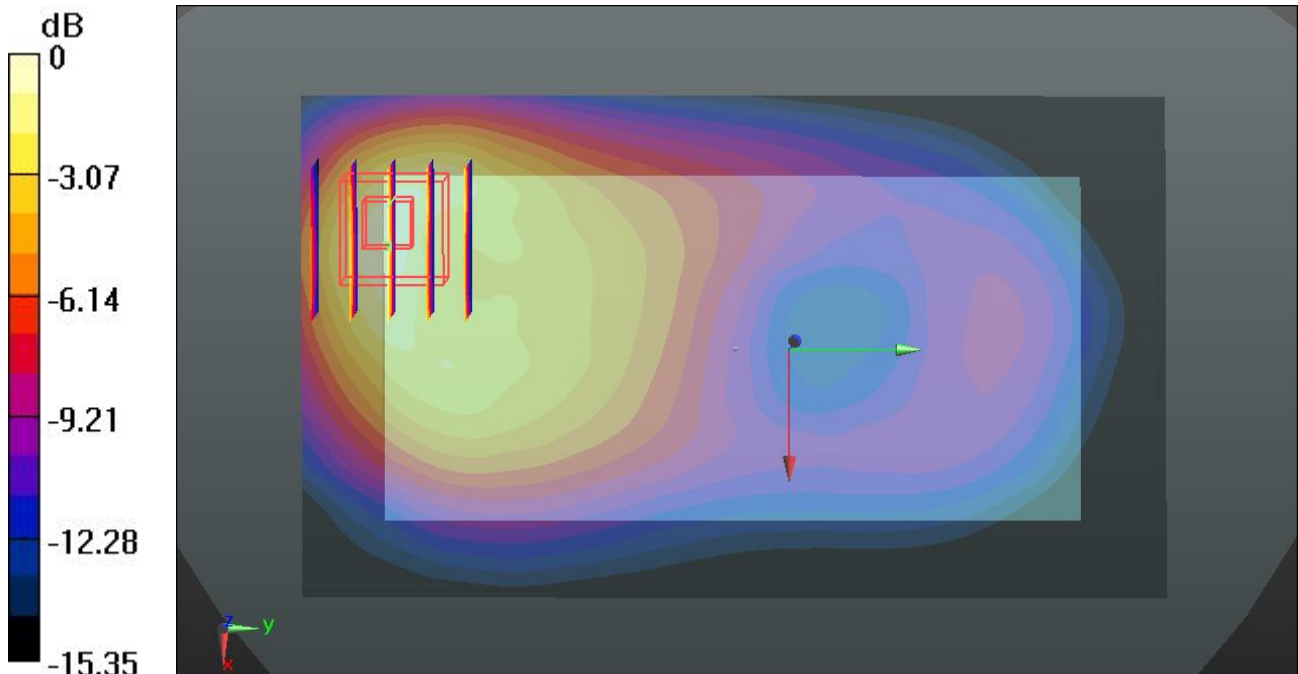
Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 1.38 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.940 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 1.730 mW/g
SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.569 mW/g
 Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg

40 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch512

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_130923 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.468 \text{ mho/m}$; $\epsilon_r = 54.843$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.39 W/kg

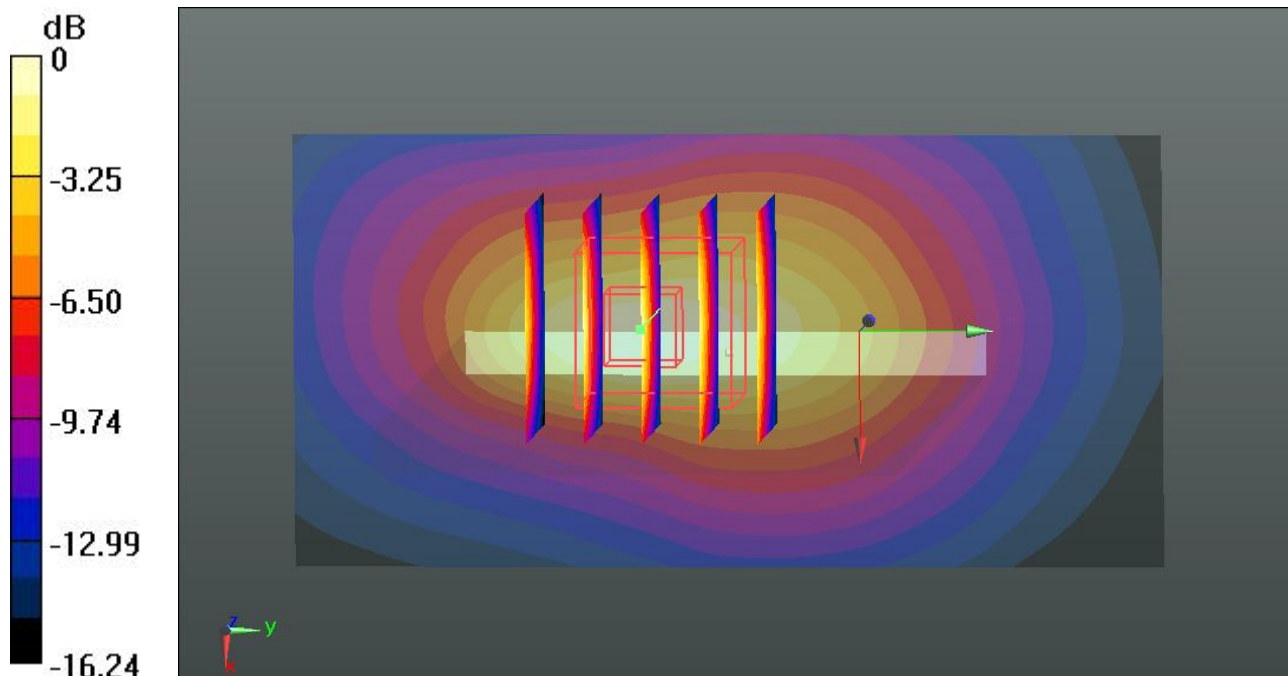
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.373 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.697 mW/g

SAR(1 g) = 1.000 mW/g ; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg

41 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch661

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2.08
Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.57 W/kg

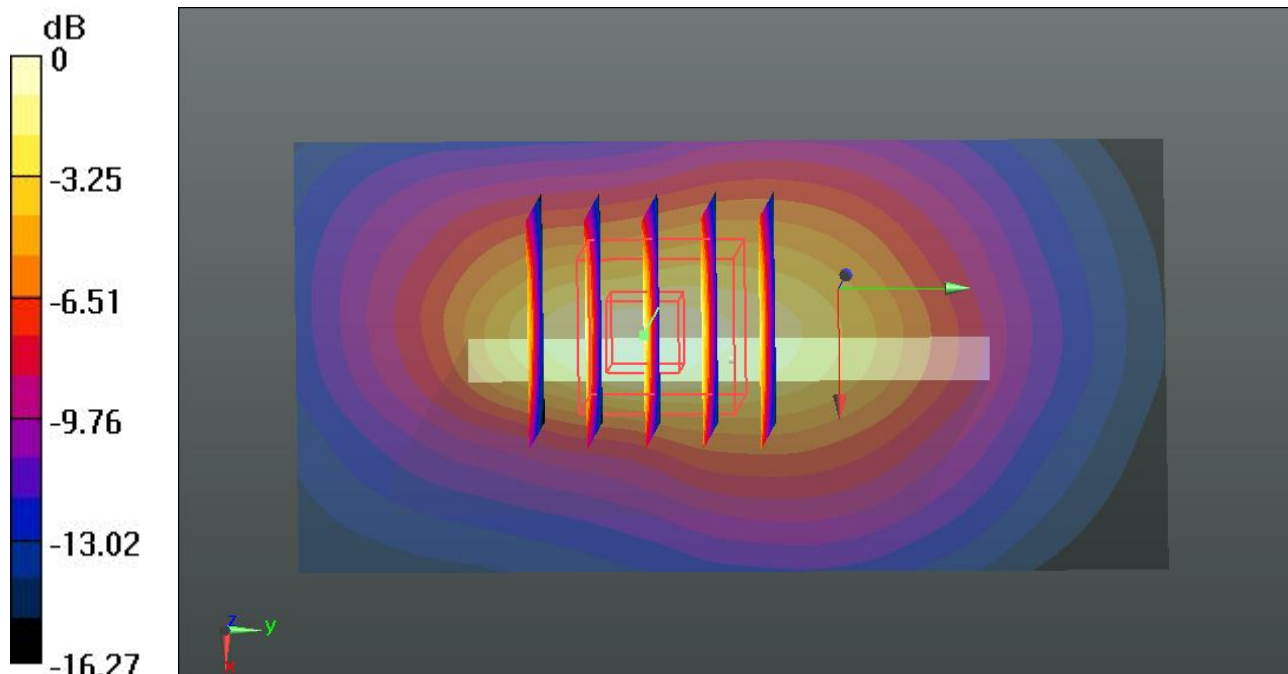
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.015 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.933 mW/g

SAR(1 g) = 1.130 mW/g; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg

34 GSM1900_GSM Voice_Front_1cm_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: MSL_1900_130923 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.544$ mho/m; $\epsilon_r = 54.586$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.792 W/kg

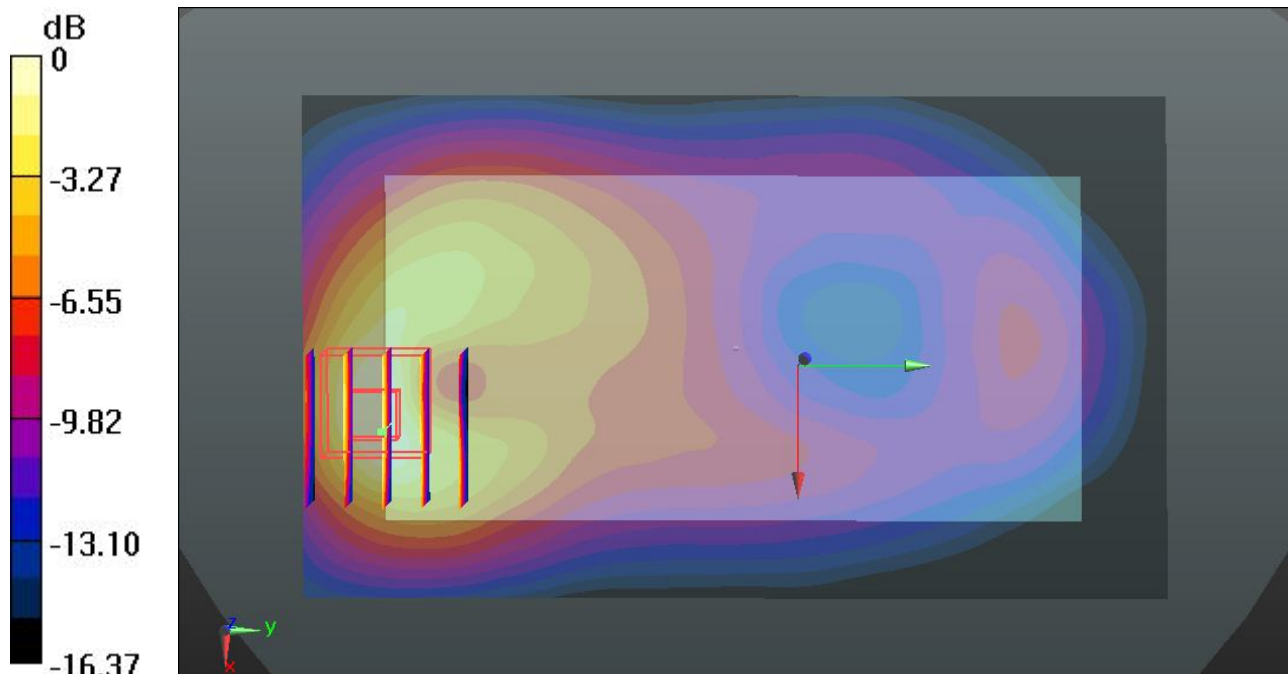
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.306 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.986 mW/g

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.811 W/kg



0 dB = 0.811 W/kg

35 GSM1900_GSM Voice_Back_1cm_Ch810

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 Medium: MSL_1900_130923 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.544 \text{ mho/m}$; $\epsilon_r = 54.586$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.831 W/kg

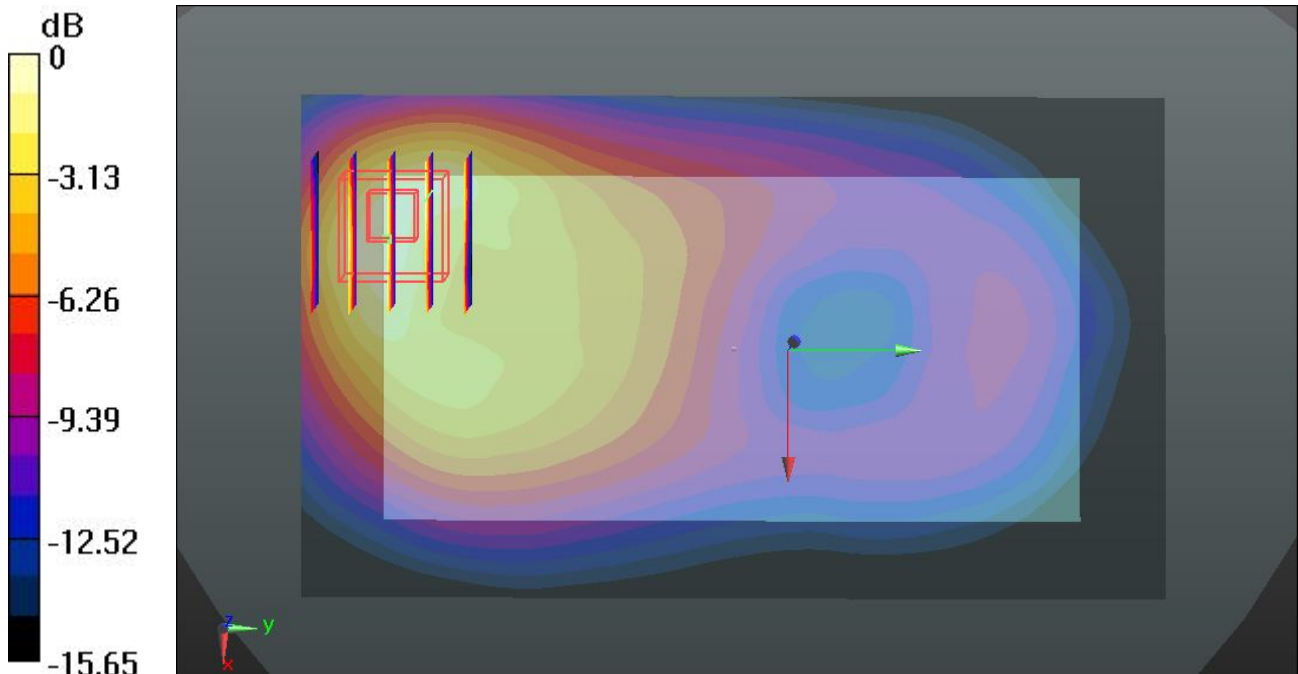
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.412 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.061 mW/g

SAR(1 g) = 0.611 mW/g ; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.807 W/kg



0 dB = 0.807 W/kg

24 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182

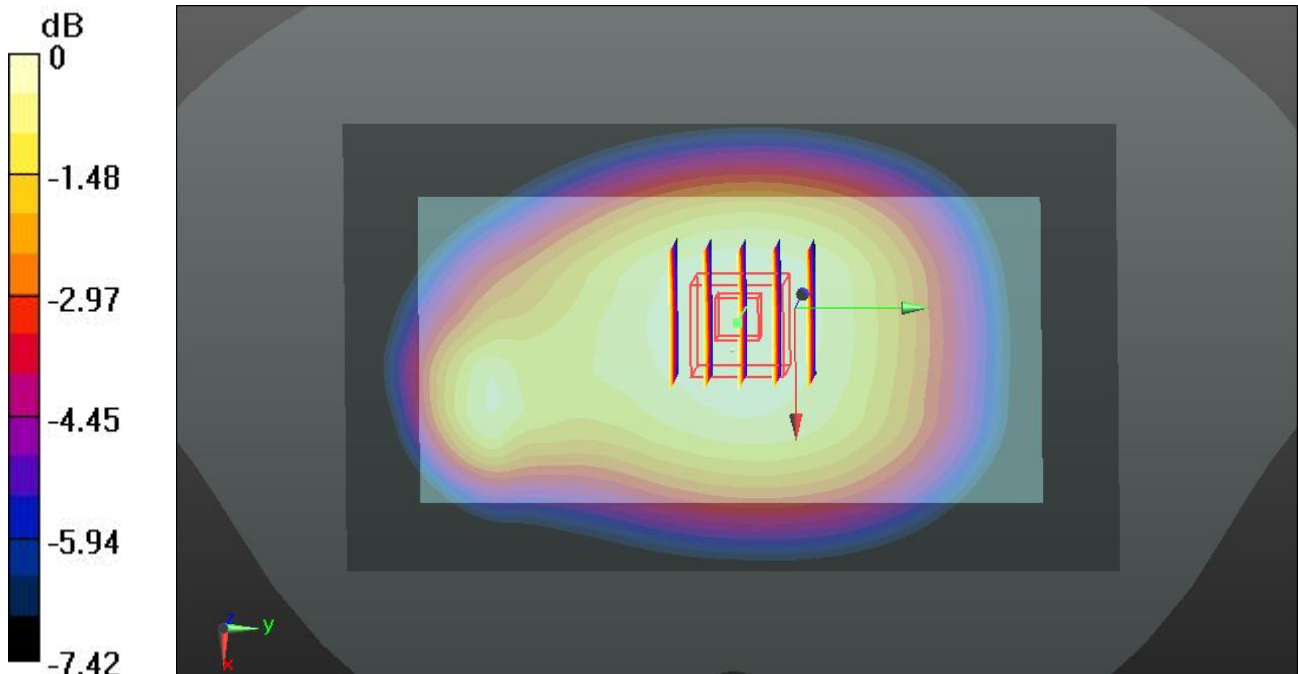
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: MSL_835_130922 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 1.013 \text{ mho/m}$; $\epsilon_r = 56.228$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.492 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 22.456 V/m ; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.536 mW/g
SAR(1 g) = 0.434 mW/g ; SAR(10 g) = 0.340 mW/g
 Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492 W/kg

25 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182

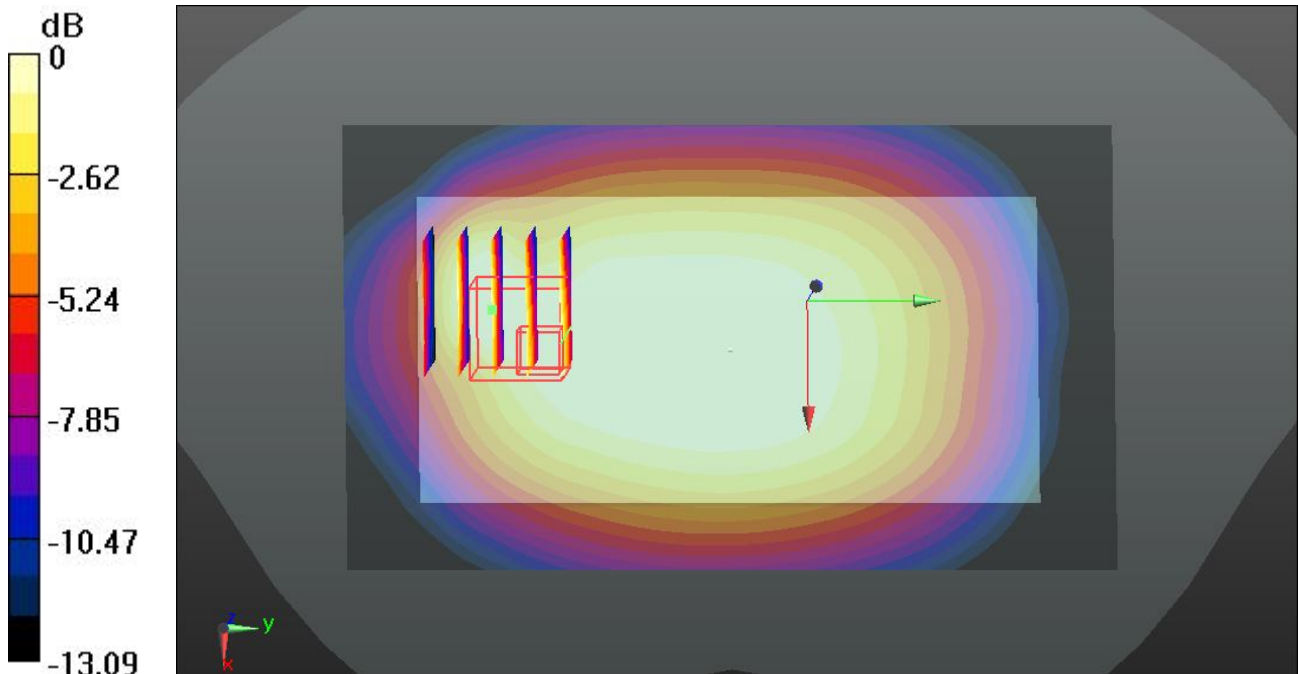
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: MSL_835_130922 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 1.013 \text{ mho/m}$; $\epsilon_r = 56.228$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.599 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 22.203 V/m ; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.671 mW/g
SAR(1 g) = 0.407 mW/g ; SAR(10 g) = 0.272 mW/g
 Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg

27 WCDMA Band V_RMC 12.2K_Right Side_1cm_Ch4182

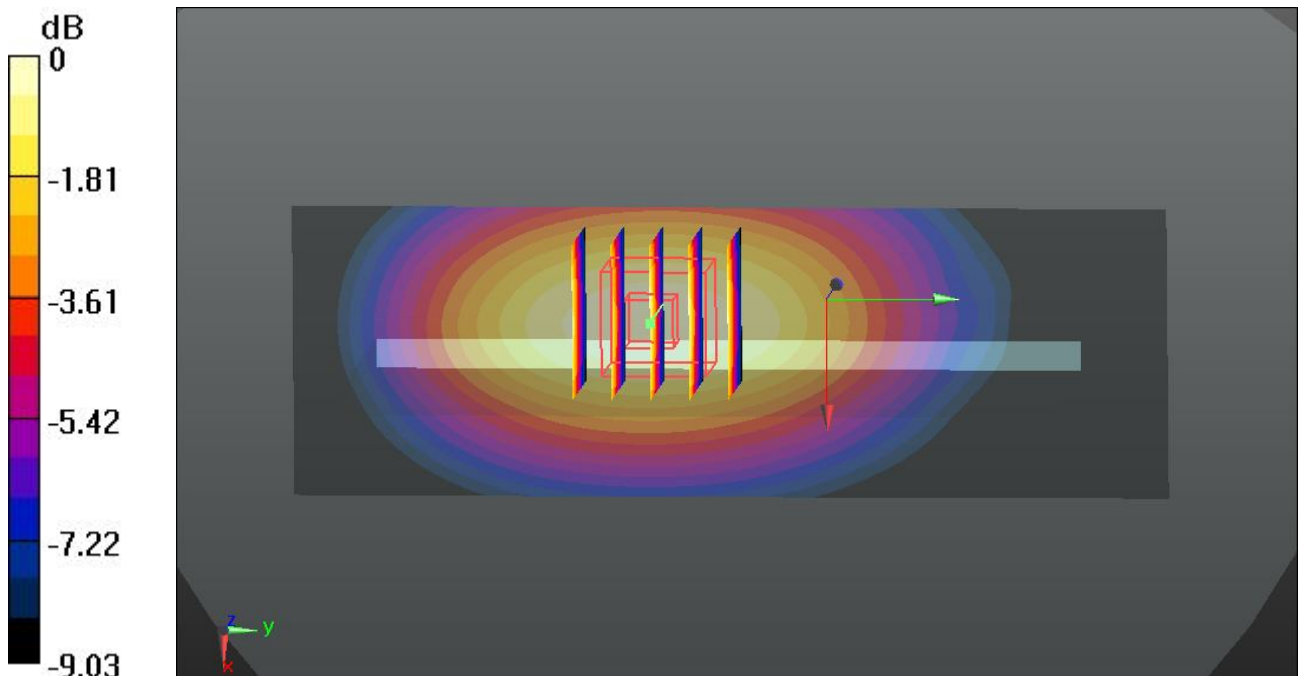
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: MSL_835_130922 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 1.013 \text{ mho/m}$; $\epsilon_r = 56.228$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 0.380 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 19.935 V/m ; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.436 mW/g
SAR(1 g) = 0.315 mW/g ; SAR(10 g) = 0.221 mW/g
 Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg

28 WCDMA Band V_RMC 12.2K_Bottom Side_1cm_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: MSL_835_130922 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 1.013 \text{ mho/m}$; $\epsilon_r = 56.228$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.471 W/kg

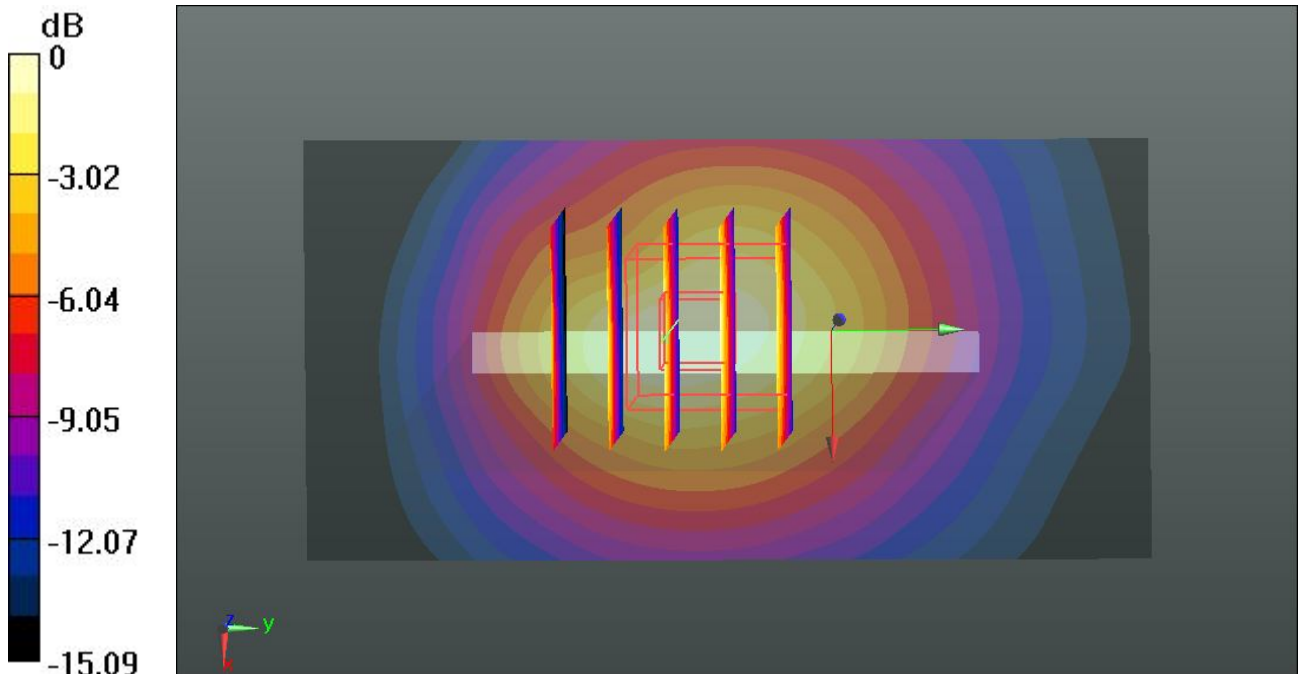
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.425 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.630 mW/g

SAR(1 g) = 0.352 mW/g ; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.485 W/kg



0 dB = 0.485 W/kg

51 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r =$

54.733 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x121x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 1.35 W/kg

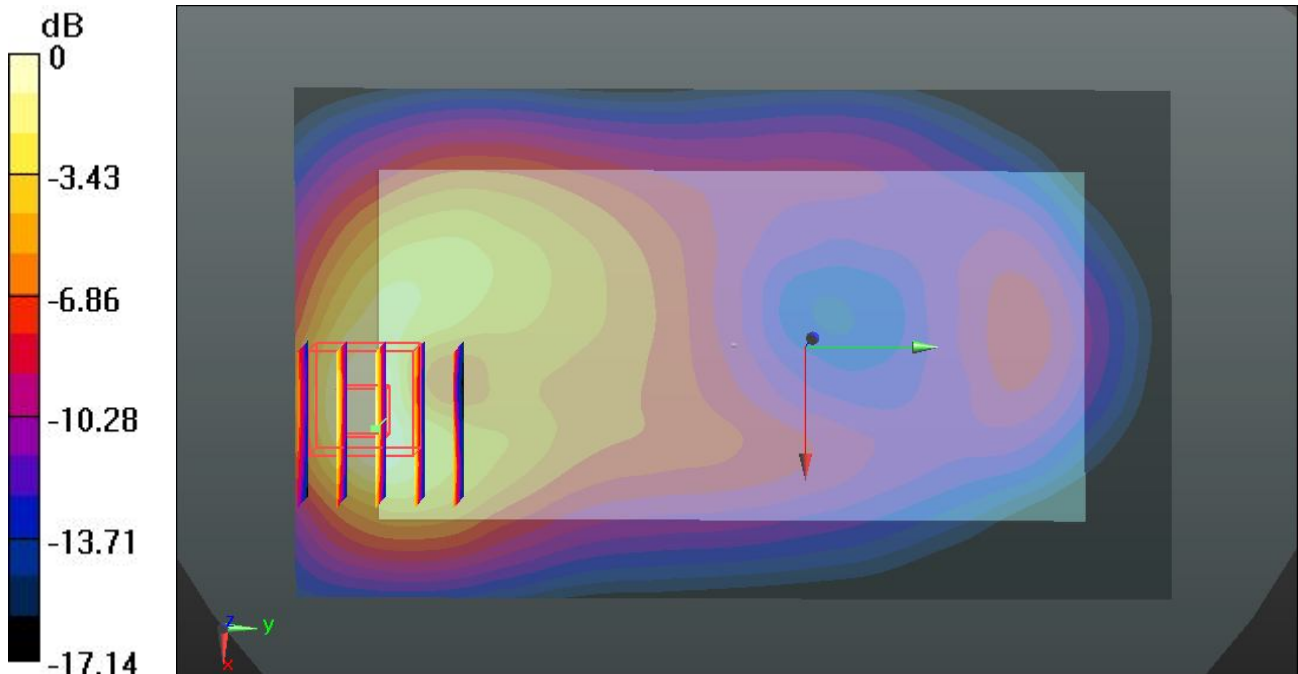
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.220 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.661 mW/g

SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.515 mW/g

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



0 dB = 1.34 W/kg

52 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400

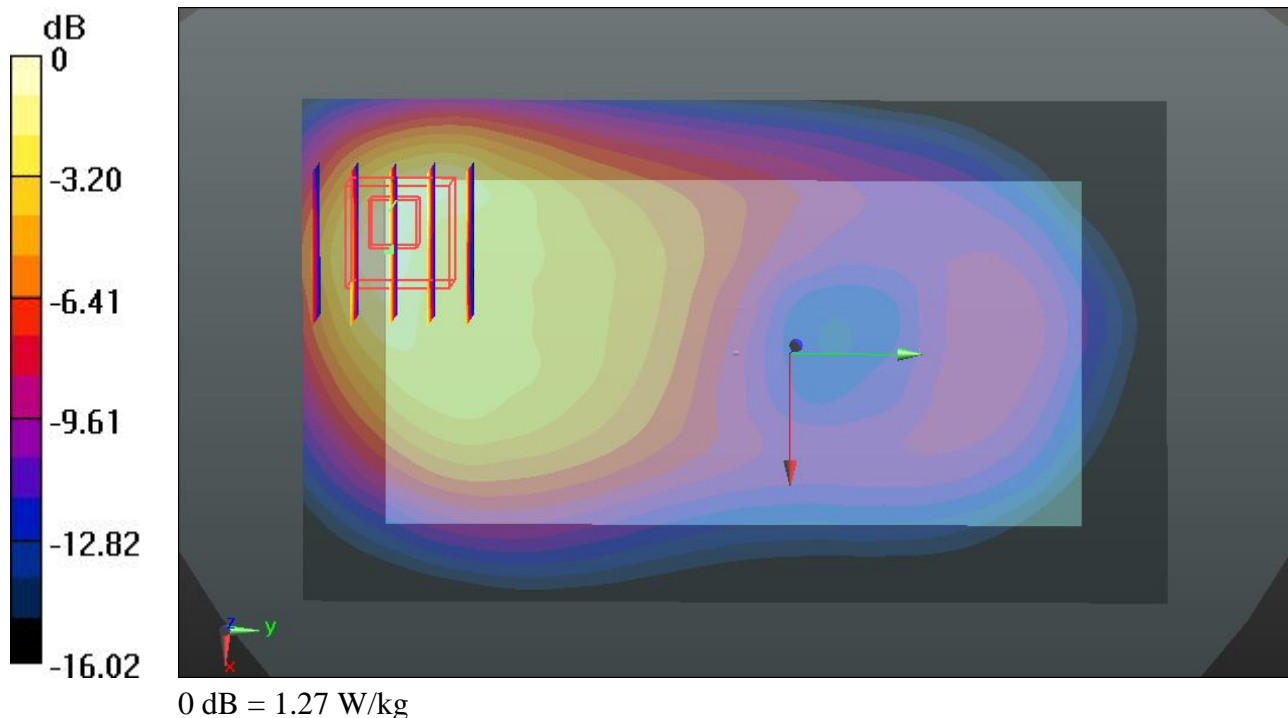
Communication System: UMTS; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r = 54.733$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.096 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.636 mW/g
SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.524 mW/g
Maximum value of SAR (measured) = 1.27 W/kg



54 WCDMA Band II_RMC 12.2K_Right Side_1cm_Ch9400

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.507 \text{ mho/m}$; $\epsilon_r = 54.733$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.422 W/kg

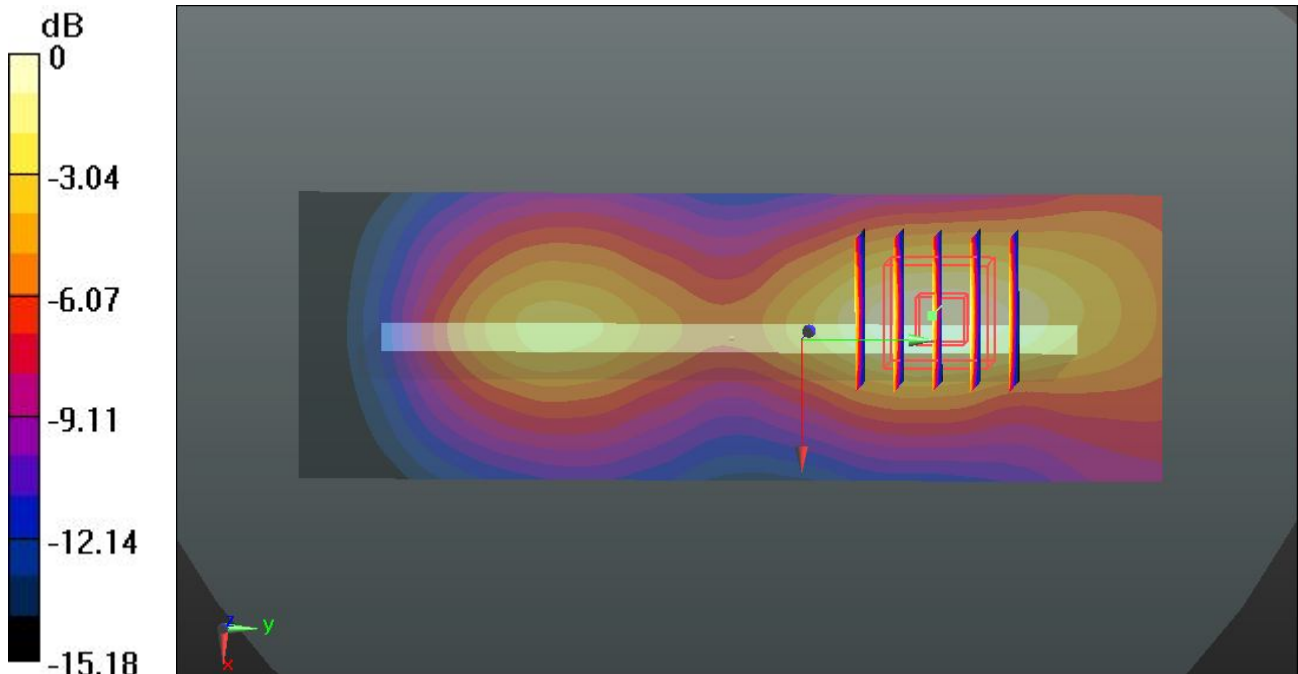
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.966 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.511 mW/g

SAR(1 g) = 0.310 mW/g ; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg

55 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9400

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r =$

54.733 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.60 W/kg

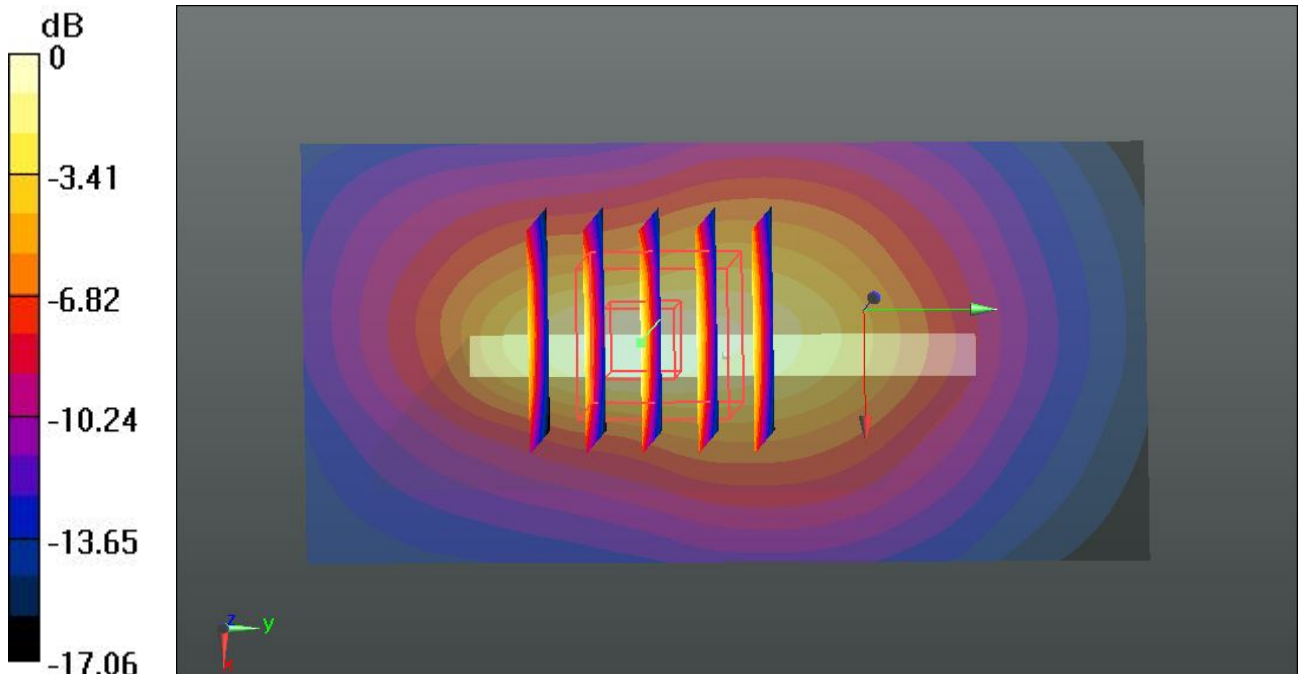
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.804 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.924 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg

62 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9400_Repeat SAR

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.507$ mho/m; $\epsilon_r =$

54.733 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.52 W/kg

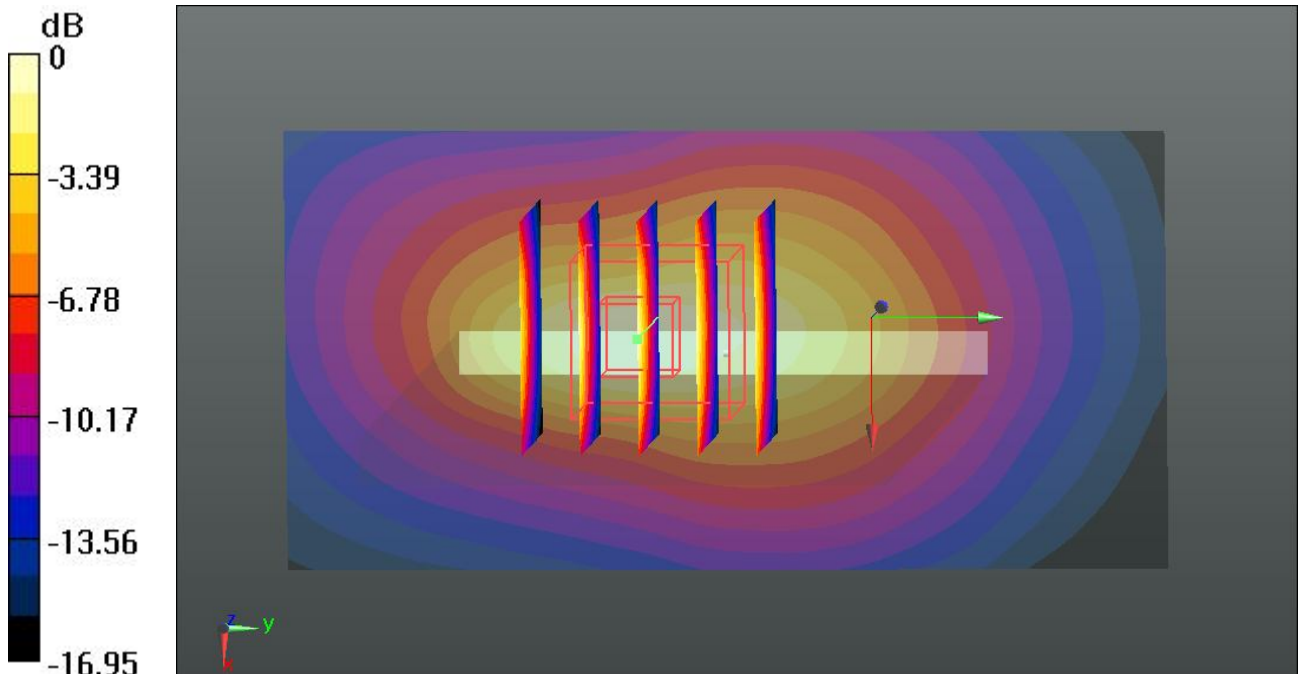
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.032 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.833 mW/g

SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.560 mW/g

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg

56 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.10 W/kg

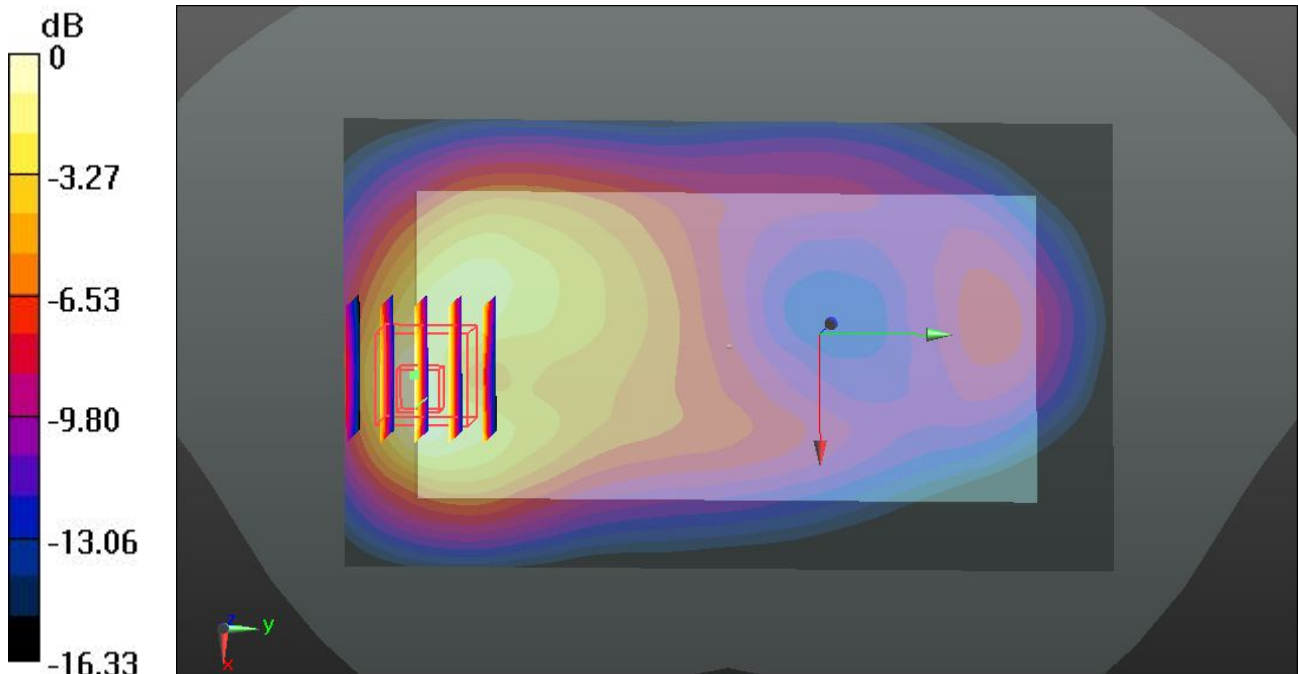
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.092 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.389 mW/g

SAR(1 g) = 0.832 mW/g ; SAR(10 g) = 0.457 mW/g

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

57 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538

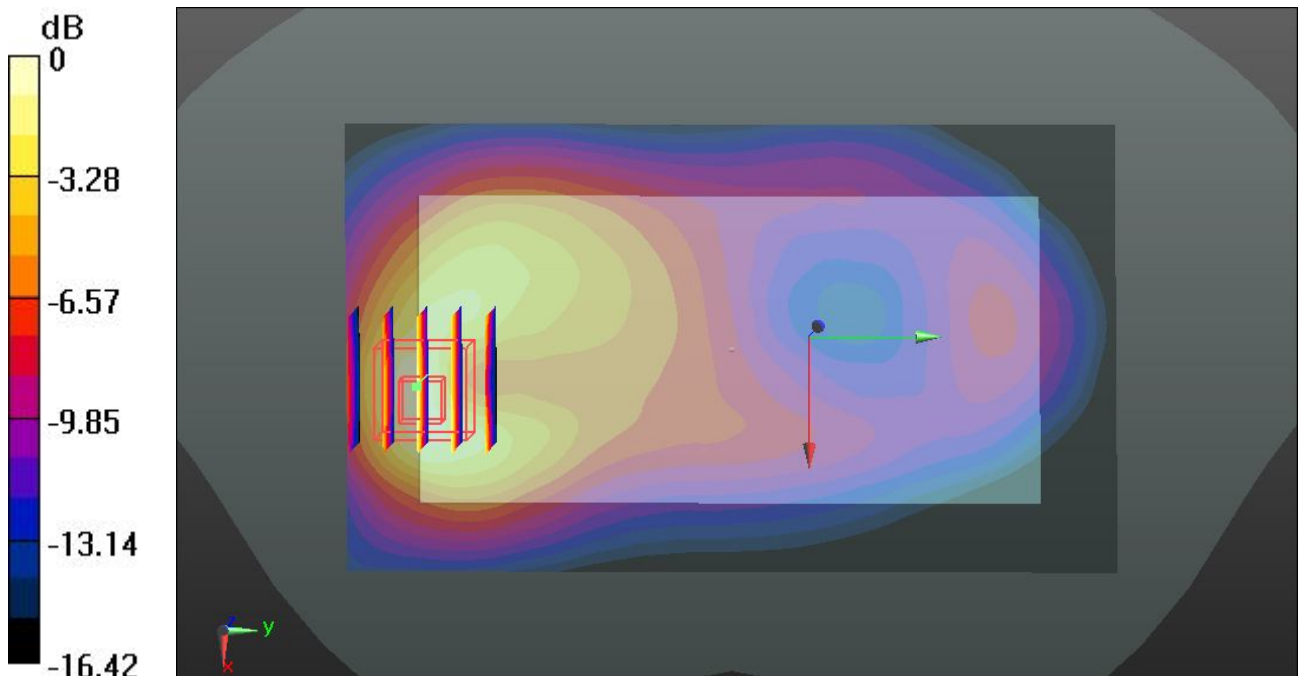
Communication System: UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_130923 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.542 \text{ mho/m}$; $\epsilon_r = 54.591$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.12 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 28.155 V/m ; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 1.466 mW/g
SAR(1 g) = 0.855 mW/g ; SAR(10 g) = 0.454 mW/g
 Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg

58 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262

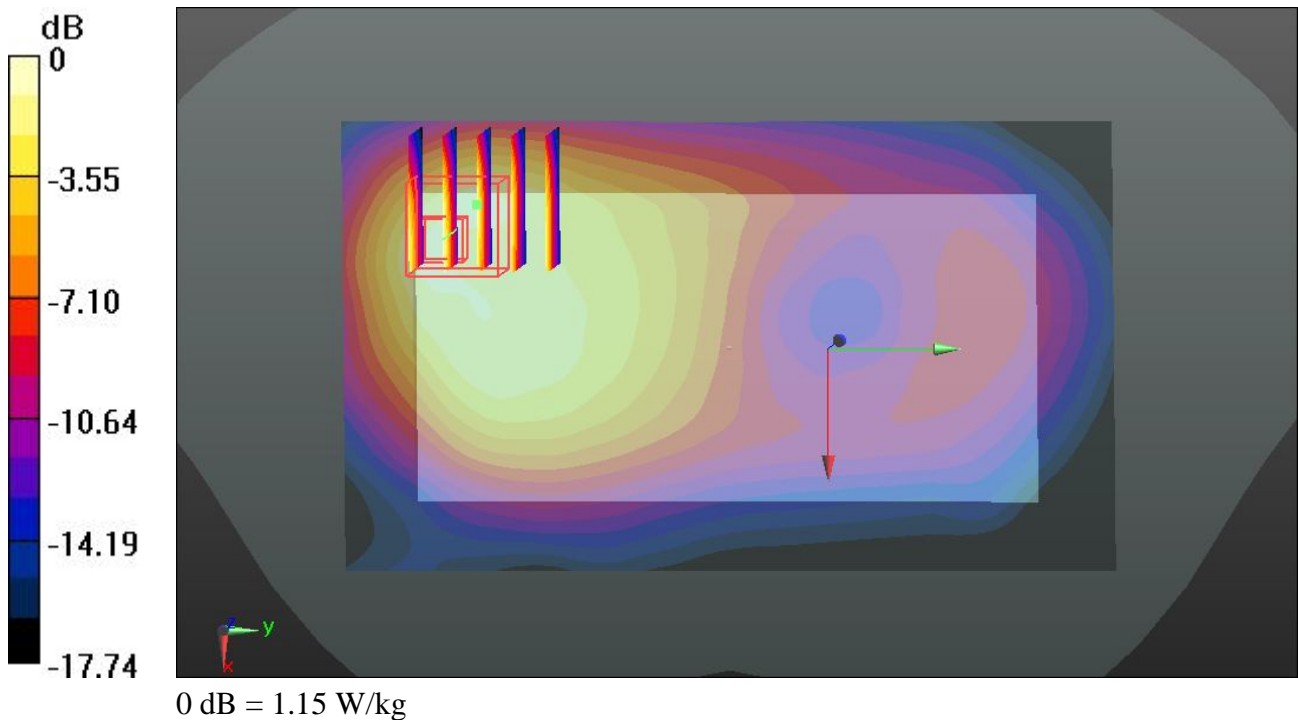
Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_130923 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r = 54.836$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (interpolated) = 1.05 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 27.450 V/m ; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 1.428 mW/g
SAR(1 g) = 0.844 mW/g ; SAR(10 g) = 0.469 mW/g
 Maximum value of SAR (measured) = 1.15 W/kg



59 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.542 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (71x121x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.10 W/kg

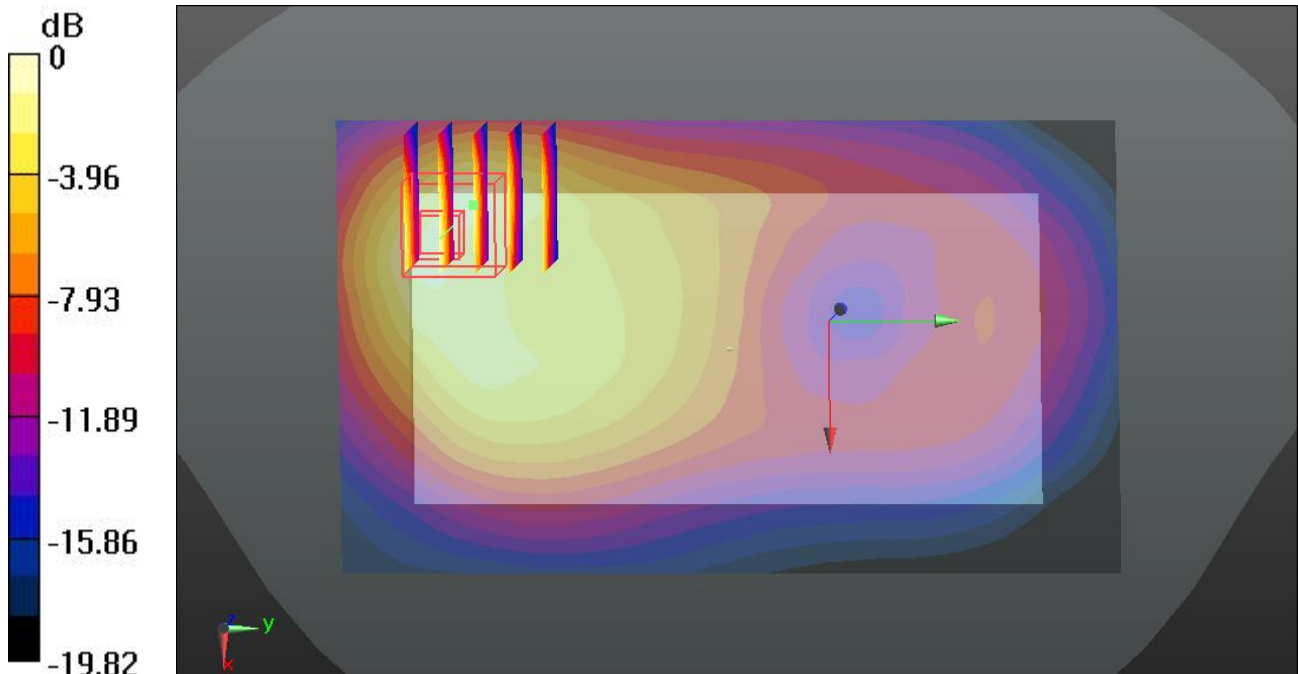
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.751 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.565 mW/g

SAR(1 g) = 0.905 mW/g ; SAR(10 g) = 0.487 mW/g

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg

60 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium: MSL_1900_130923 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.471 \text{ mho/m}$; $\epsilon_r = 54.836$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (41x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.51 W/kg

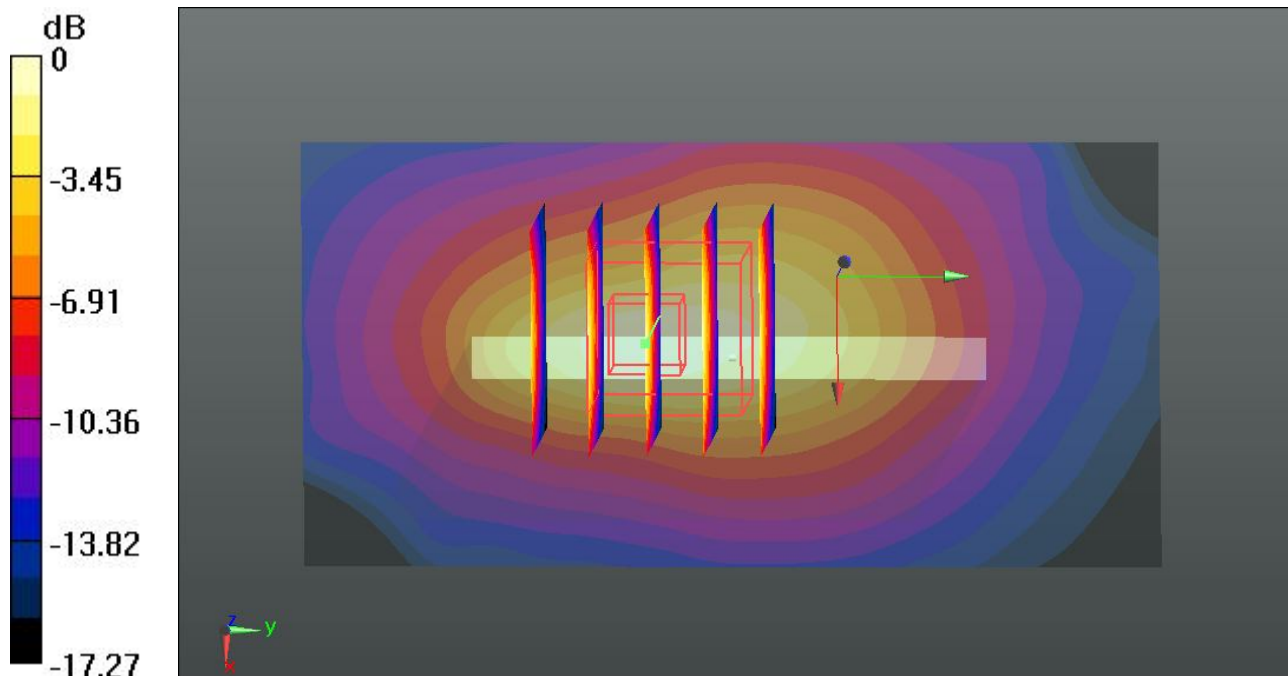
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.446 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.835 mW/g

SAR(1 g) = 1.050 mW/g ; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg

61 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9538

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

Medium: MSL_1900_130923 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.542 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (41x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.56 W/kg

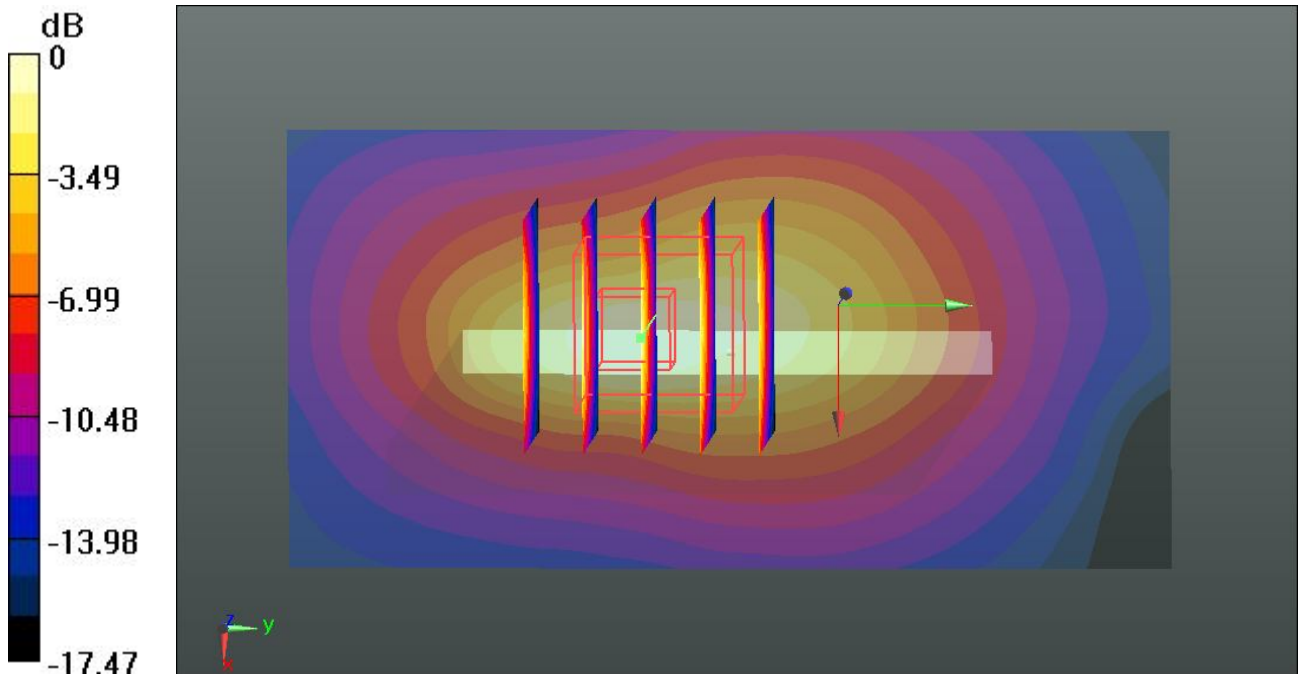
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.096 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.890 mW/g

SAR(1 g) = 1.060 mW/g ; SAR(10 g) = 0.552 mW/g

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

111 WLAN2.4GHz_802.11b_Front_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130923 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.199 W/kg

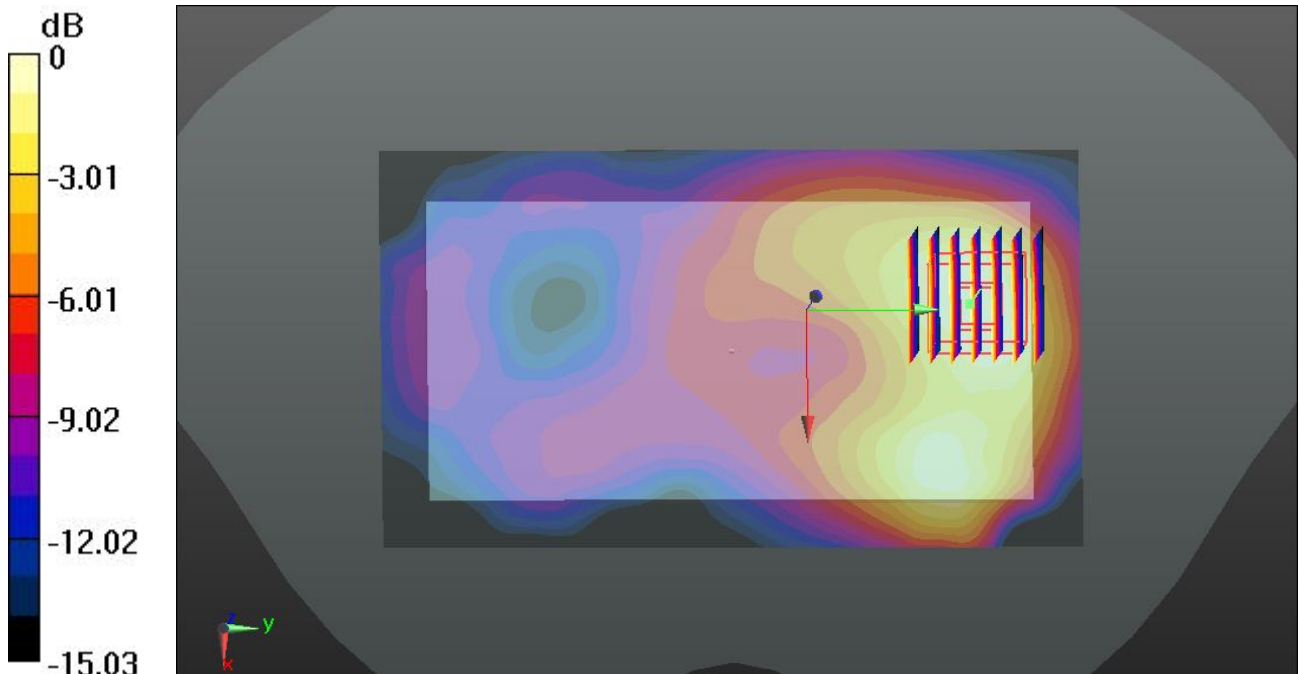
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.854 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.238 mW/g

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg

112 WLAN2.4GHz_802.11b_Back_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130923 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.964 \text{ mho/m}$; $\epsilon_r =$

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

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $22.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (81x141x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.121 W/kg

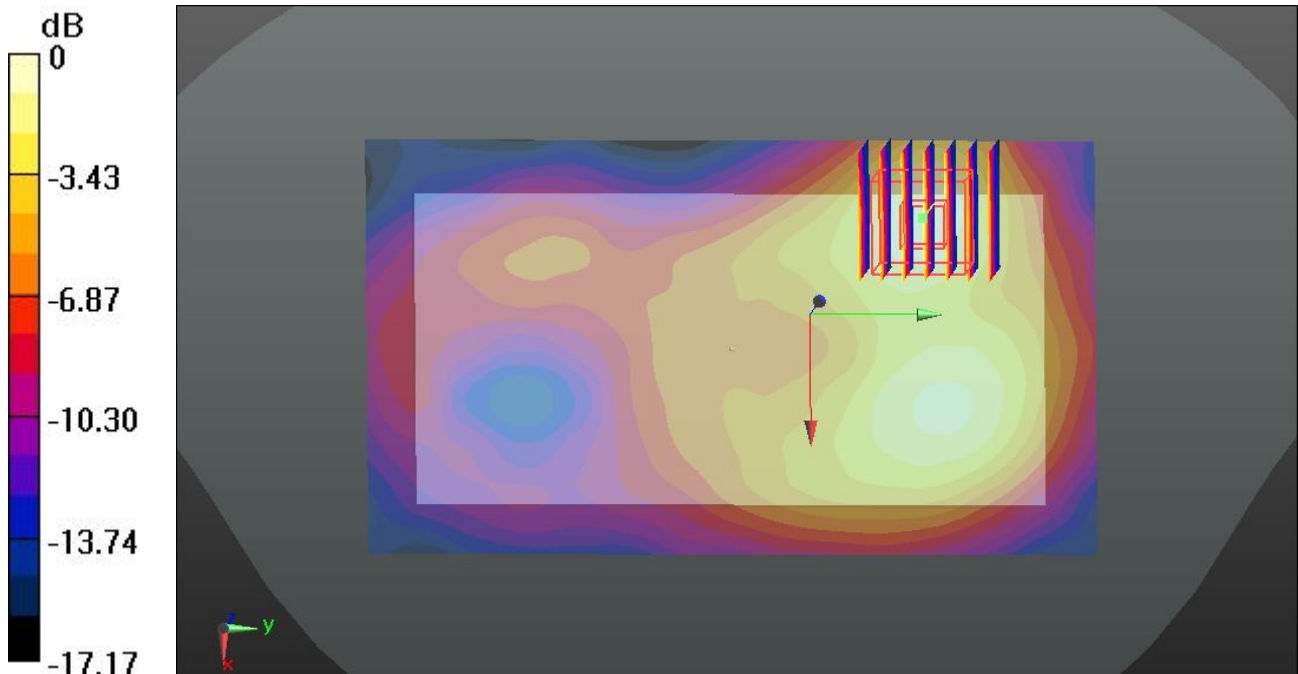
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.737 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.161 mW/g

SAR(1 g) = 0.079 mW/g ; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg

113 WLAN2.4GHz_802.11b_Right Side_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130923 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.964 \text{ mho/m}$; $\epsilon_r = 51.623$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $22.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (41x141x1): Interpolated grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.158 W/kg

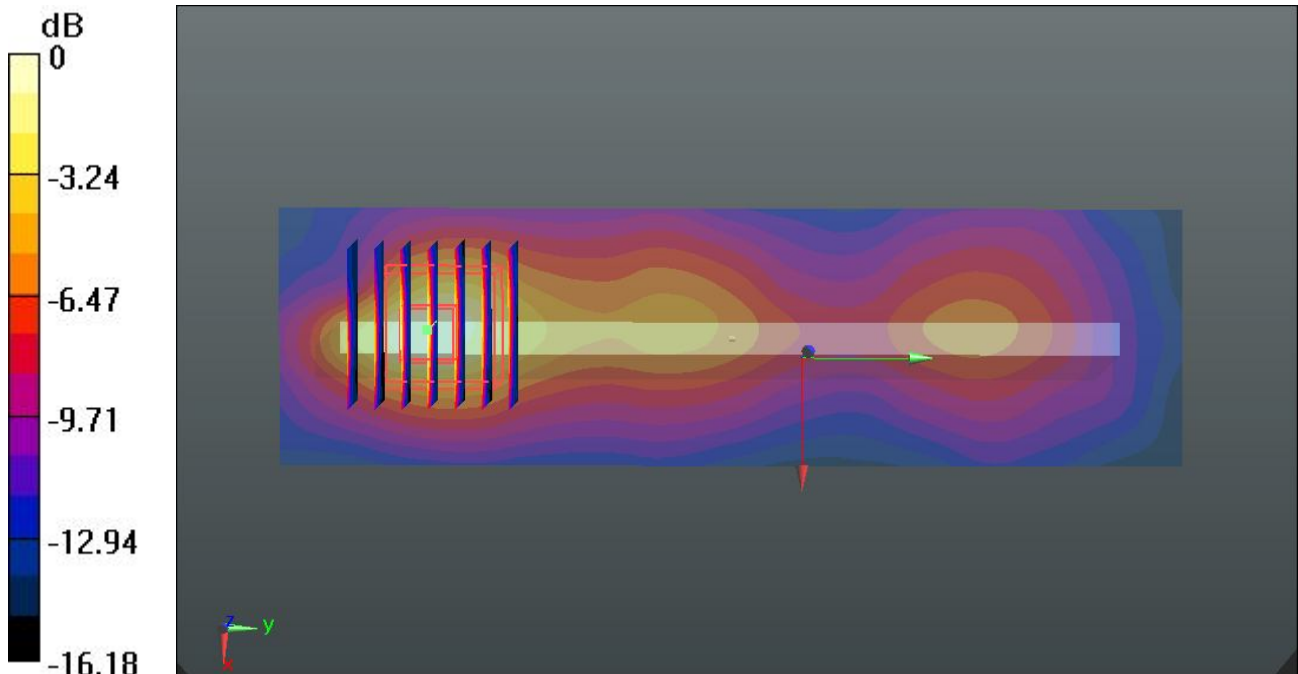
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.758 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.209 mW/g

SAR(1 g) = 0.092 mW/g ; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg

114 WLAN2.4GHz_802.11b_Top Side_1cm_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_130923 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (41x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.160 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.989 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.209 mW/g

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.156 W/kg

