



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

49 GSM850_GSM Voice_Right Cheek_Ch189**DUT: 350801**

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130521 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 W/kg

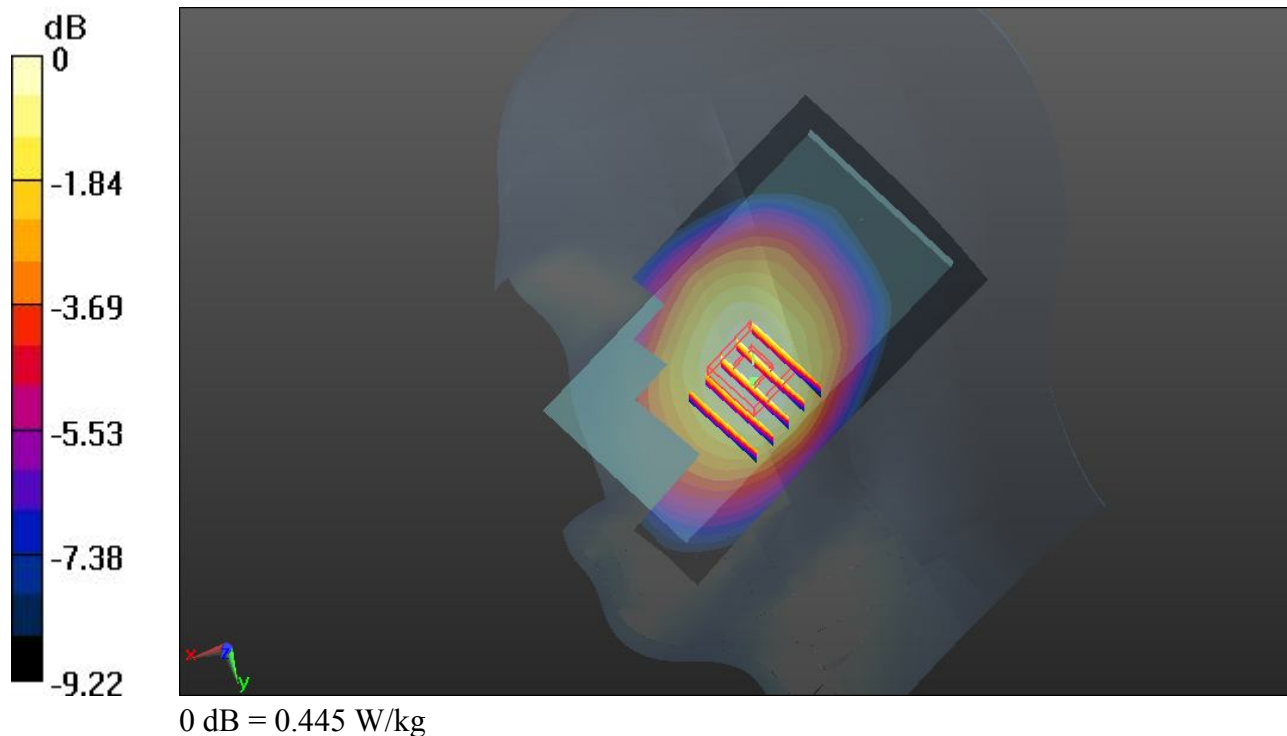
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.534 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.489 mW/g

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.302 mW/g

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



50 GSM850_GSM Voice_Right Tilted_Ch189**DUT: 350801**

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130521 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.332 W/kg

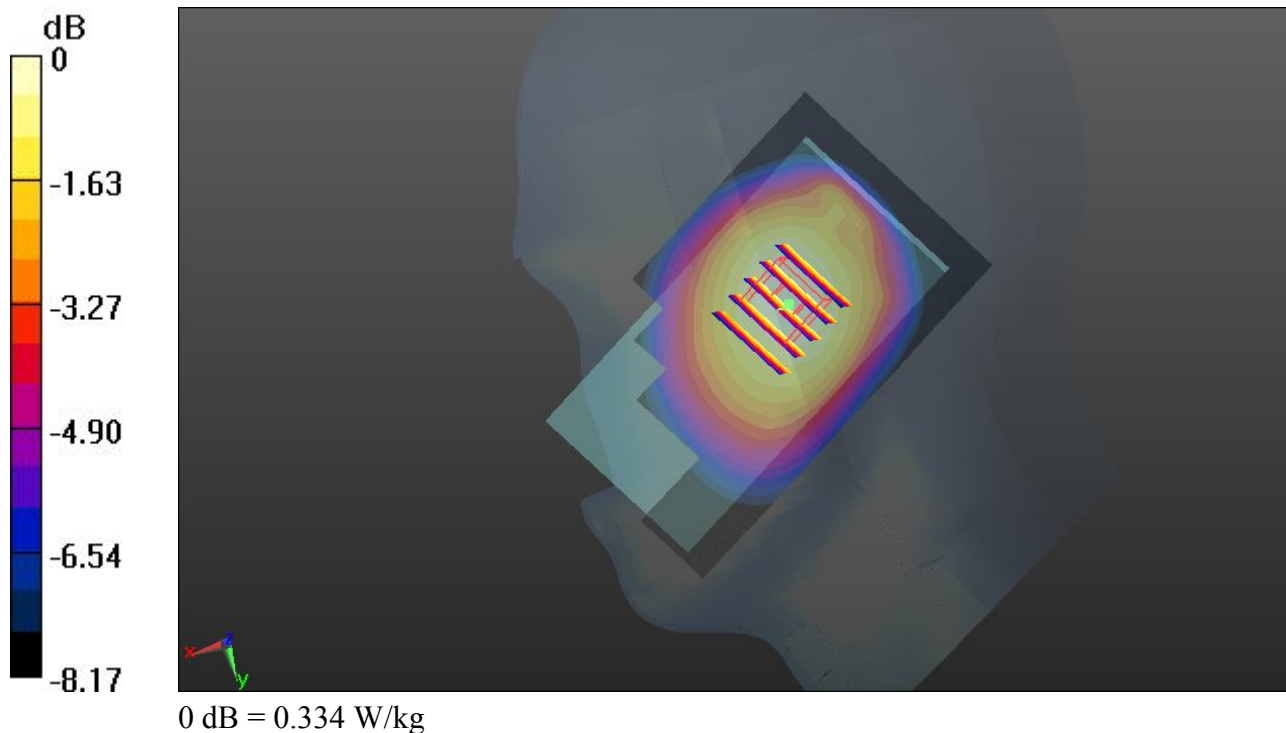
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.587 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.365 mW/g

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.334 W/kg



51 GSM850_GSM Voice_Left Cheek_Ch189**DUT: 350801**

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130521 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.428 W/kg

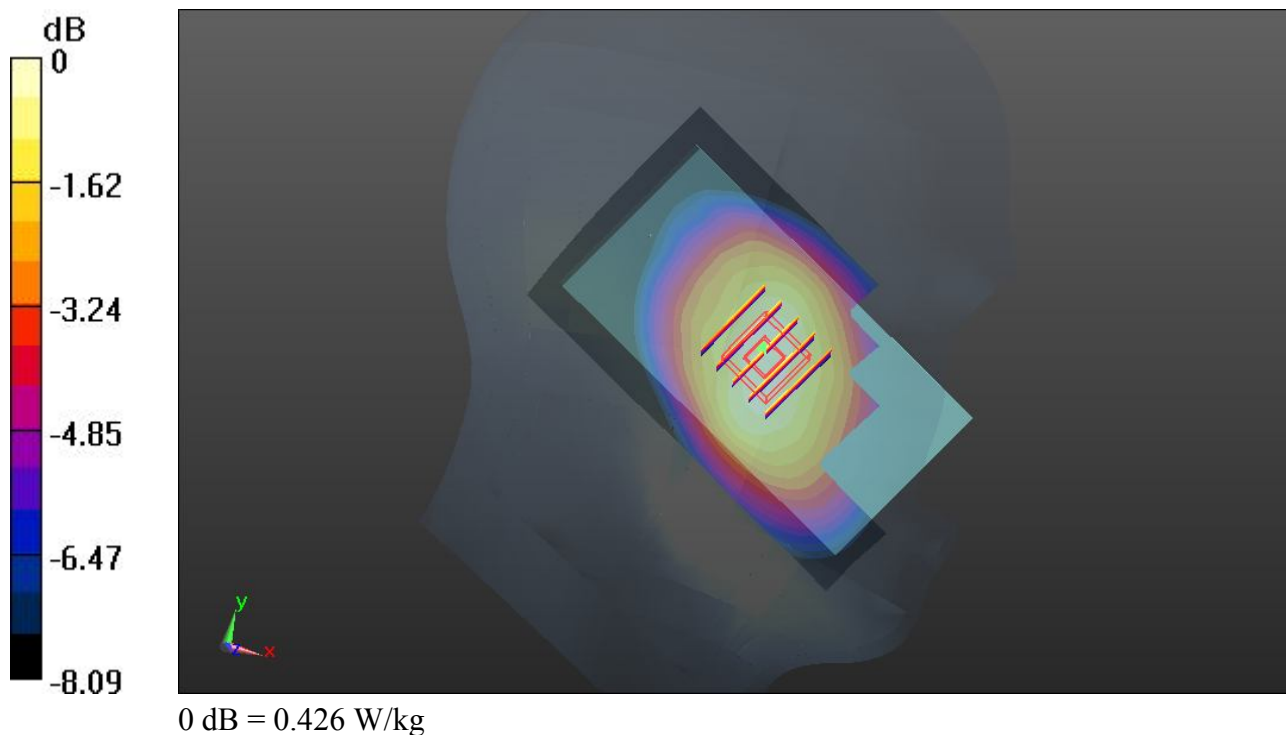
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.107 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.464 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.426 W/kg



52 GSM850_GSM Voice_Left Tilted_Ch189**DUT: 350801**

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL_835_130521 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.572$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.335 W/kg

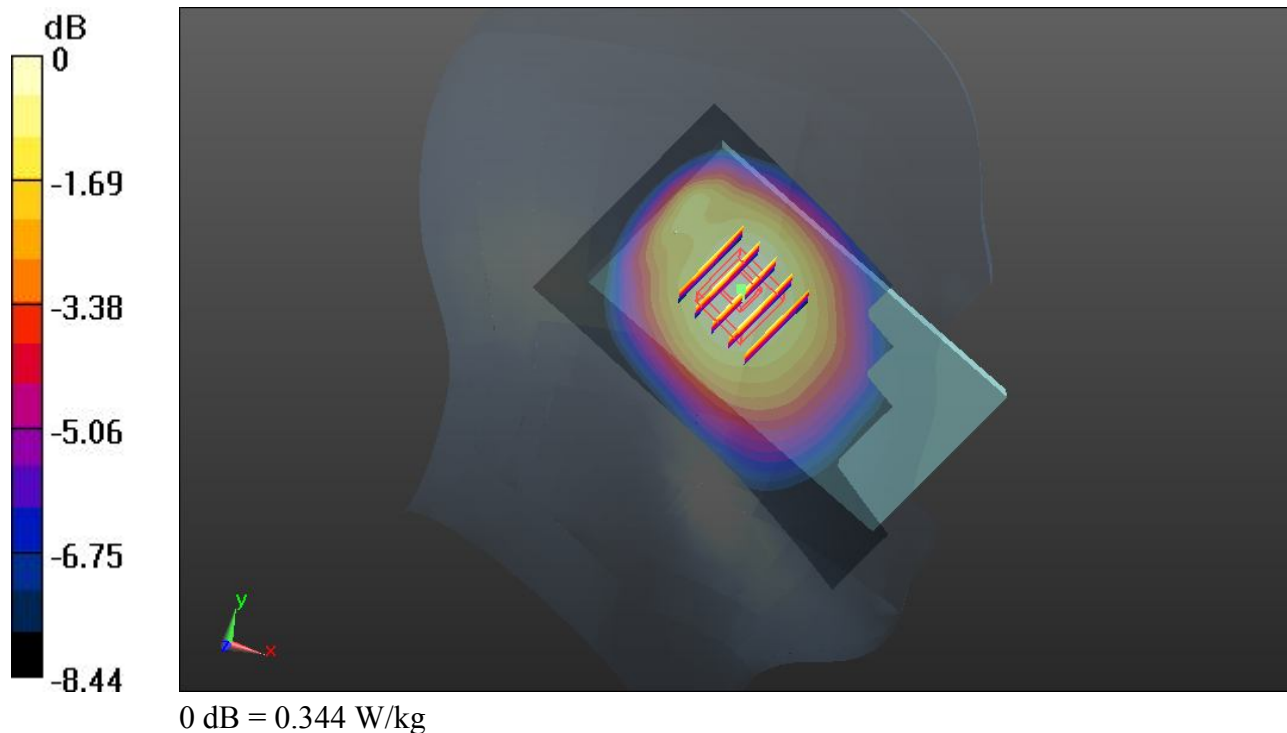
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.532 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.376 mW/g

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.344 W/kg



53 GSM1900_GSM Voice_Right Cheek_Ch810**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.263 W/kg

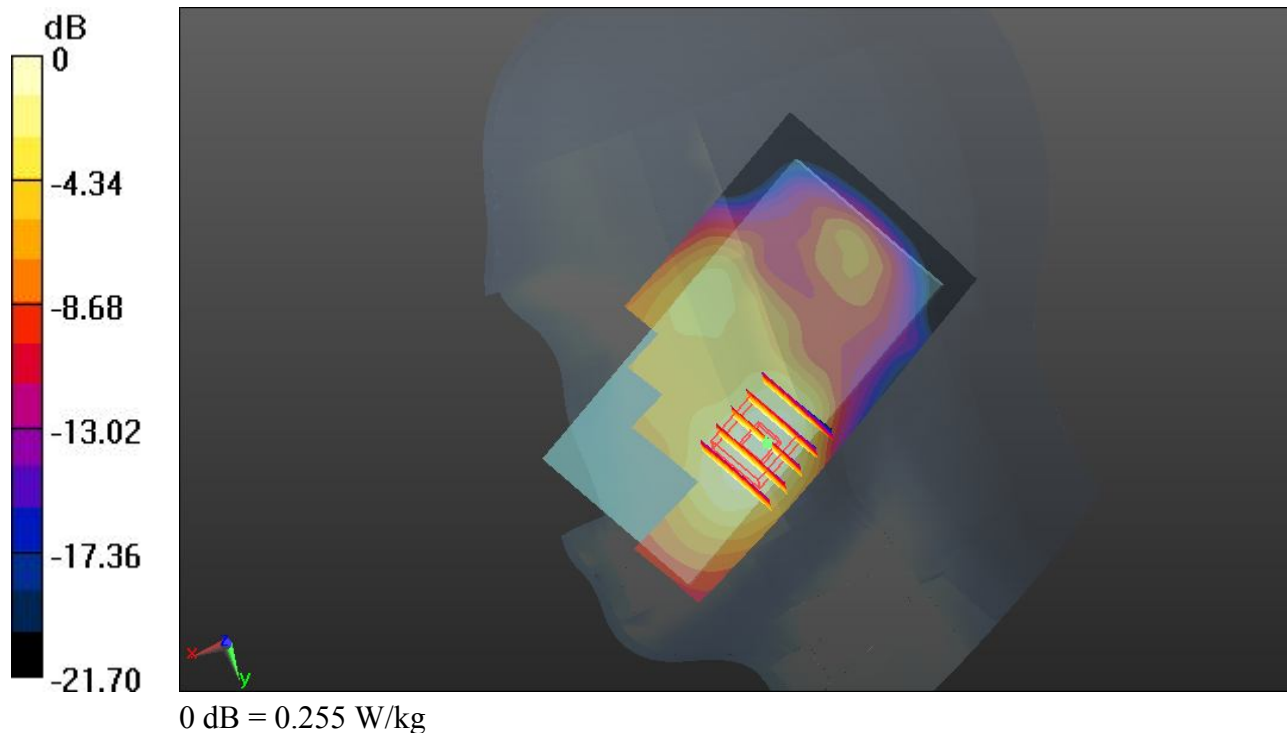
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.429 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.305 mW/g

SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.255 W/kg



54 GSM1900_GSM Voice_Right Tilted_Ch810**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.126 W/kg

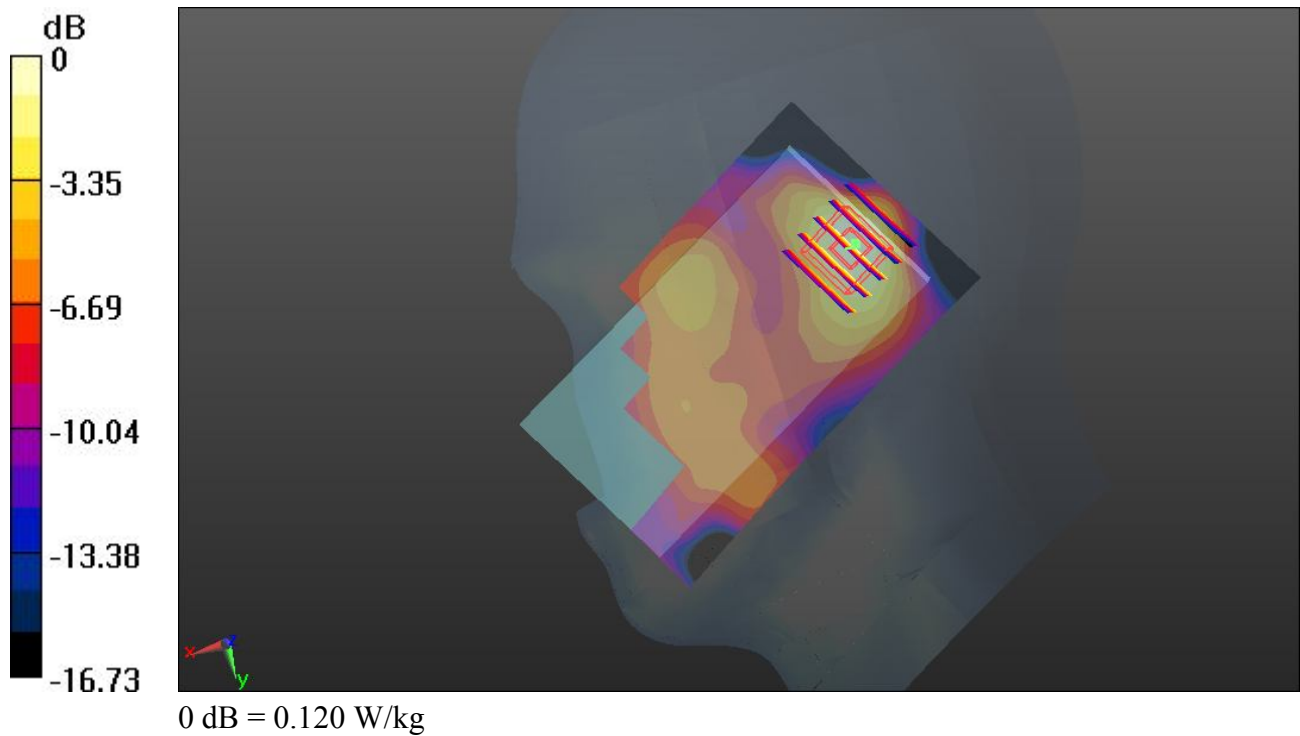
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.280 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.141 mW/g

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.120 W/kg



55 GSM1900_GSM Voice_Left Cheek_Ch810**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.229 W/kg

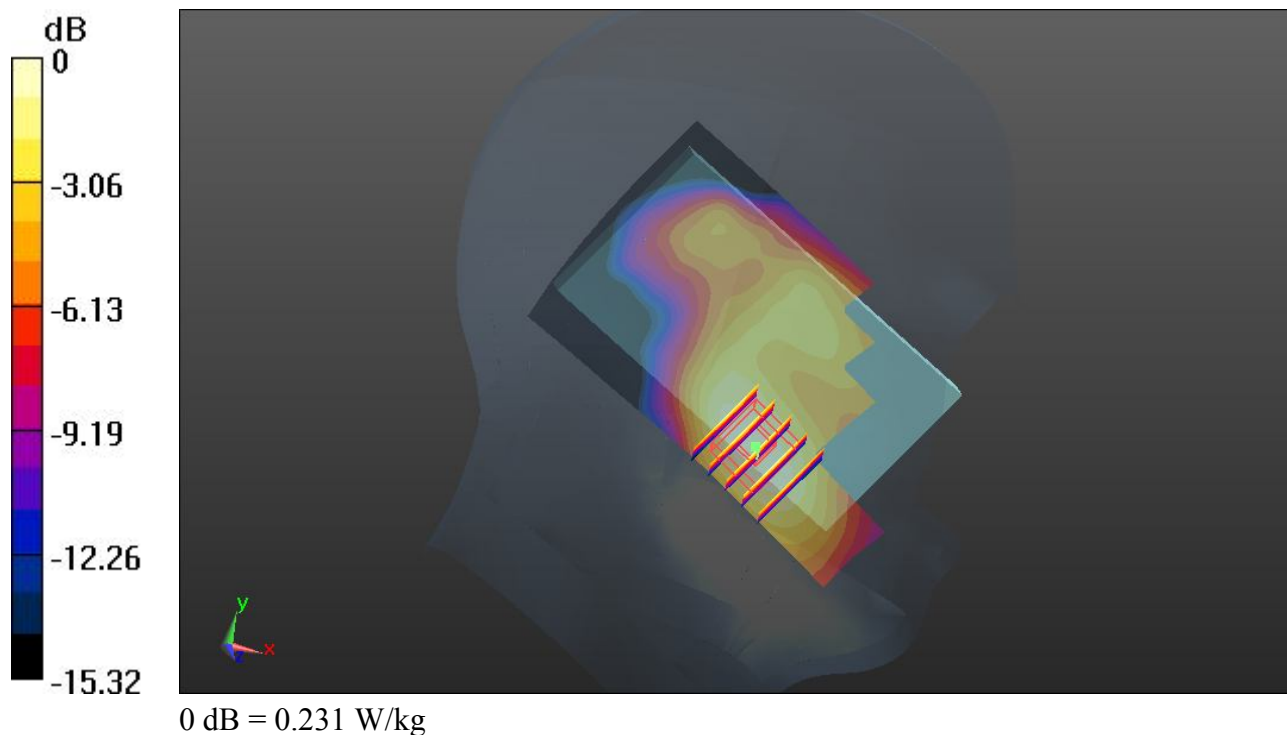
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.905 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.276 mW/g

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.231 W/kg



56 GSM1900_GSM Voice_Left Tilted_Ch810**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.436$ mho/m; $\epsilon_r =$

41.187; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.124 W/kg

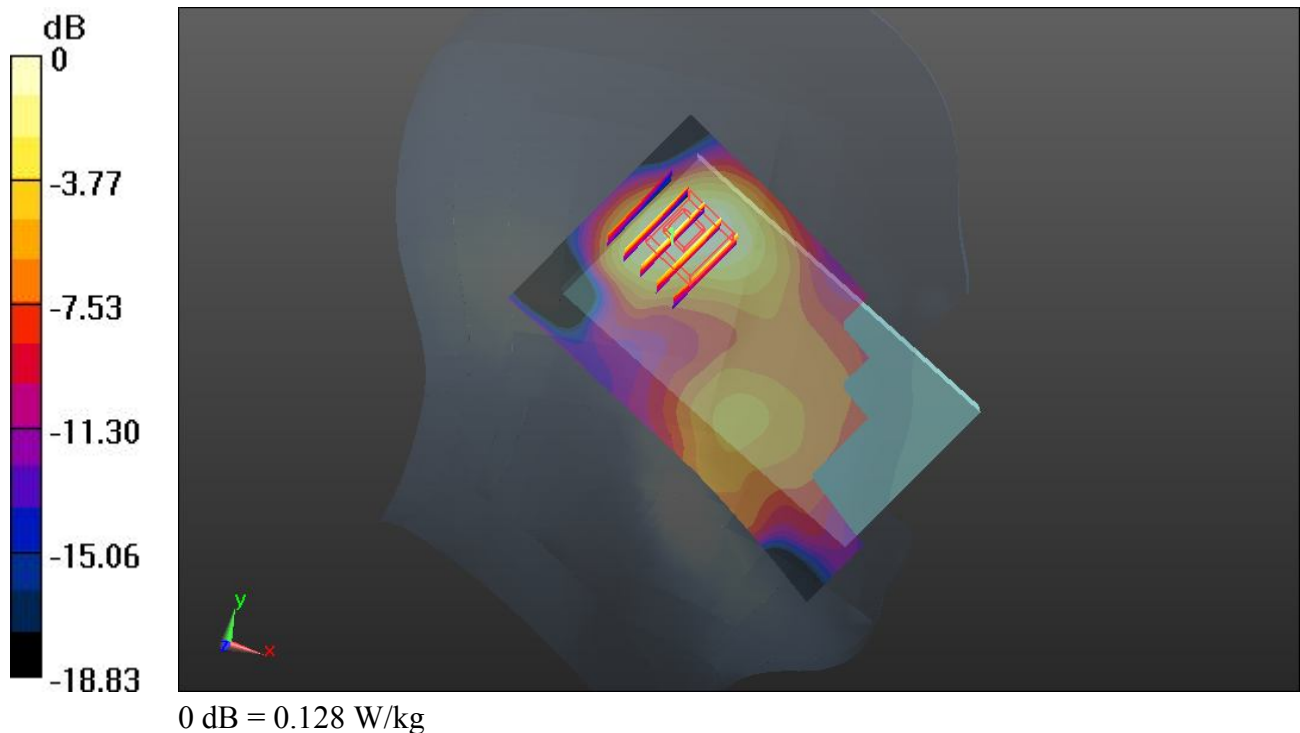
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.335 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.158 mW/g

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.128 W/kg



57 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4233**DUT: 350801**

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

Medium: HSL_835_130521 Medium parameters used: $f = 847$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 40.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 W/kg

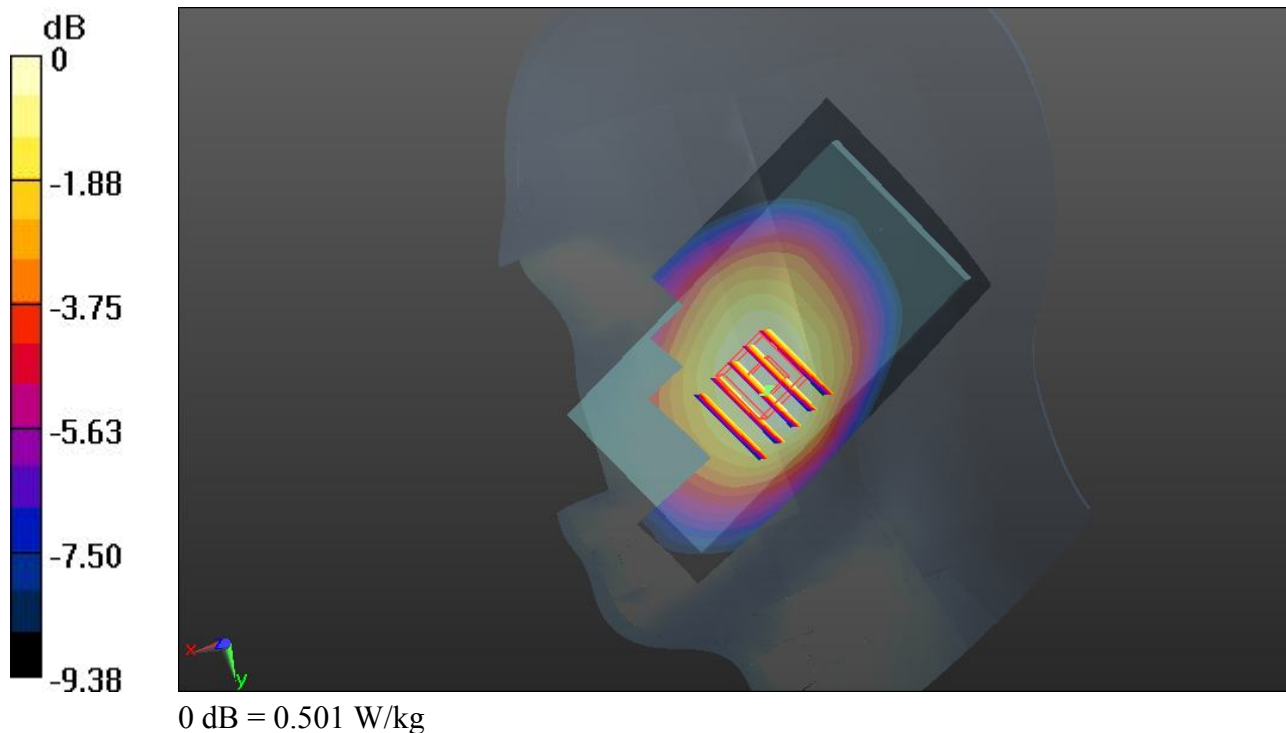
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.787 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.552 mW/g

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.337 mW/g

Maximum value of SAR (measured) = 0.501 W/kg



58 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4233**DUT: 350801**

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

Medium: HSL_835_130521 Medium parameters used: $f = 847$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 40.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

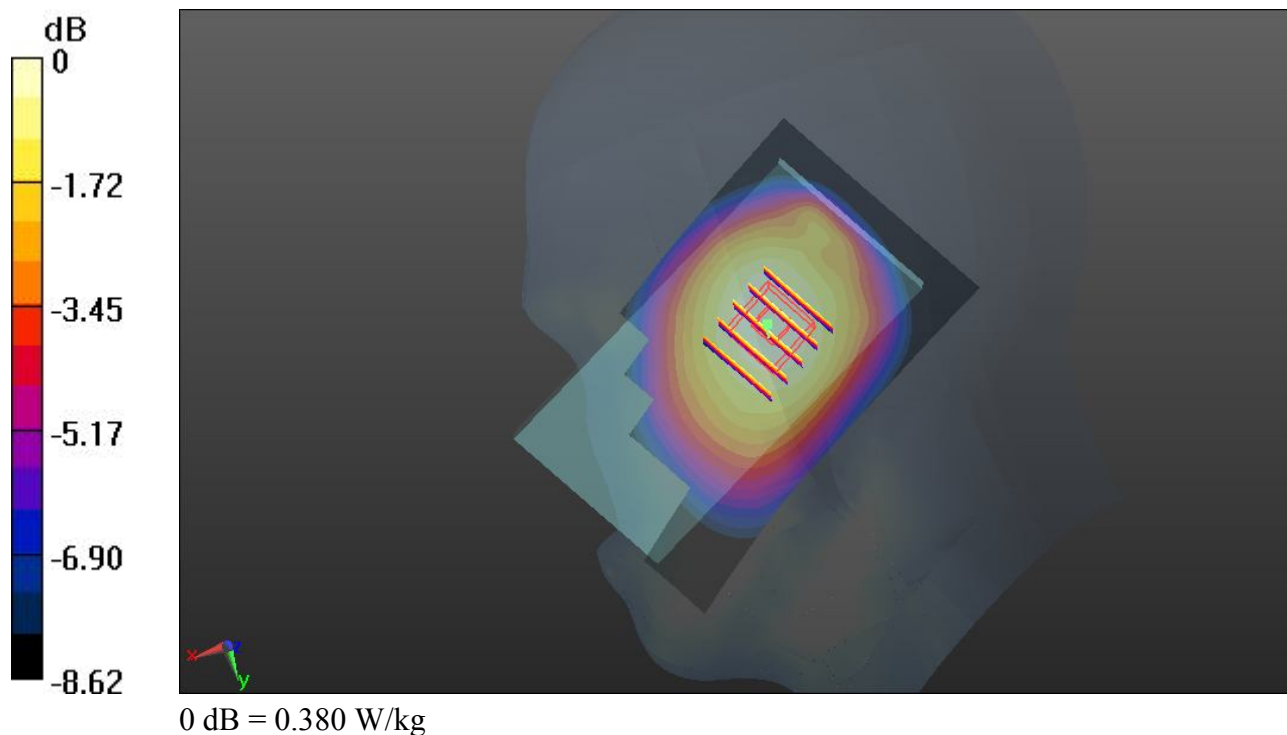
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.709 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.418 mW/g

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.380 W/kg



59 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4233**DUT: 350801**

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

Medium: HSL_835_130521 Medium parameters used: $f = 847$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 40.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.476 W/kg

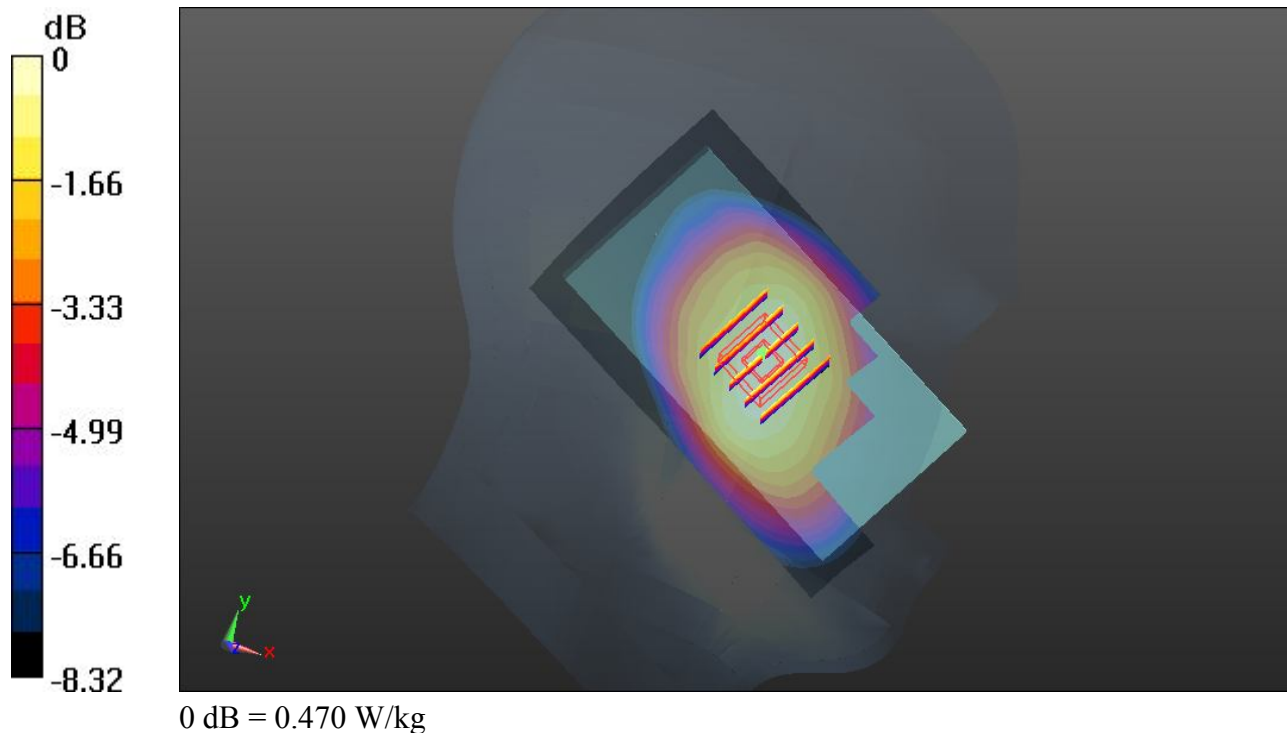
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.001 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.514 mW/g

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.470 W/kg



60 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4233**DUT: 350801**

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

Medium: HSL_835_130521 Medium parameters used: $f = 847$ MHz; $\sigma = 0.911$ mho/m; $\epsilon_r = 40.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.391 W/kg

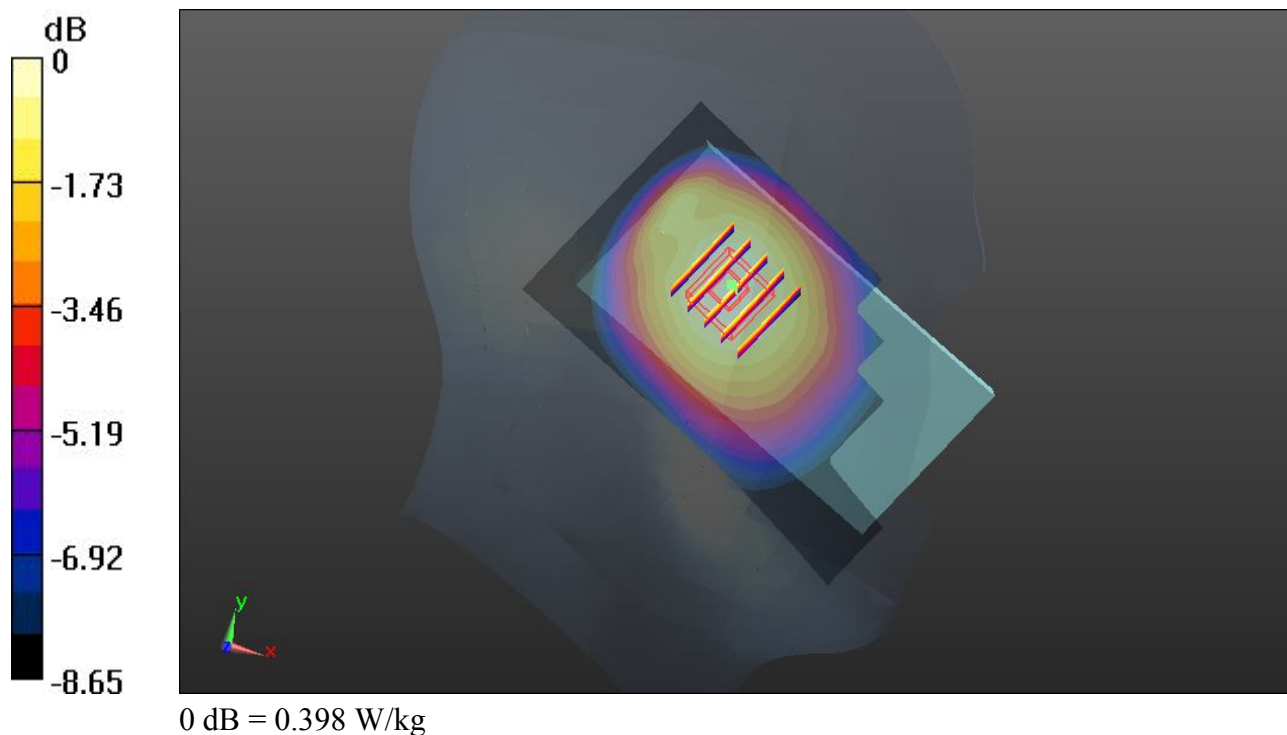
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.973 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.437 mW/g

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.264 mW/g

Maximum value of SAR (measured) = 0.398 W/kg



61 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$ 41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.663 W/kg

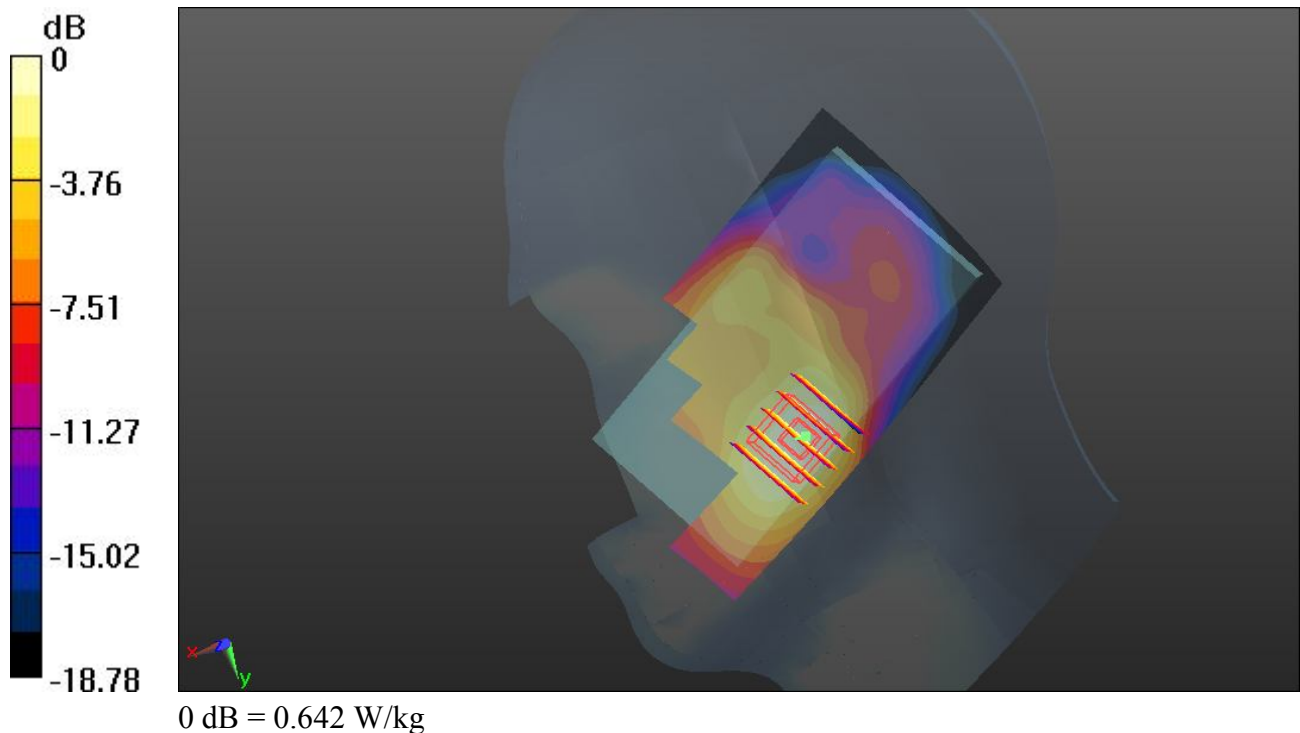
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.851 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.758 mW/g

SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.314 mW/g

Maximum value of SAR (measured) = 0.642 W/kg



62 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$ 41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

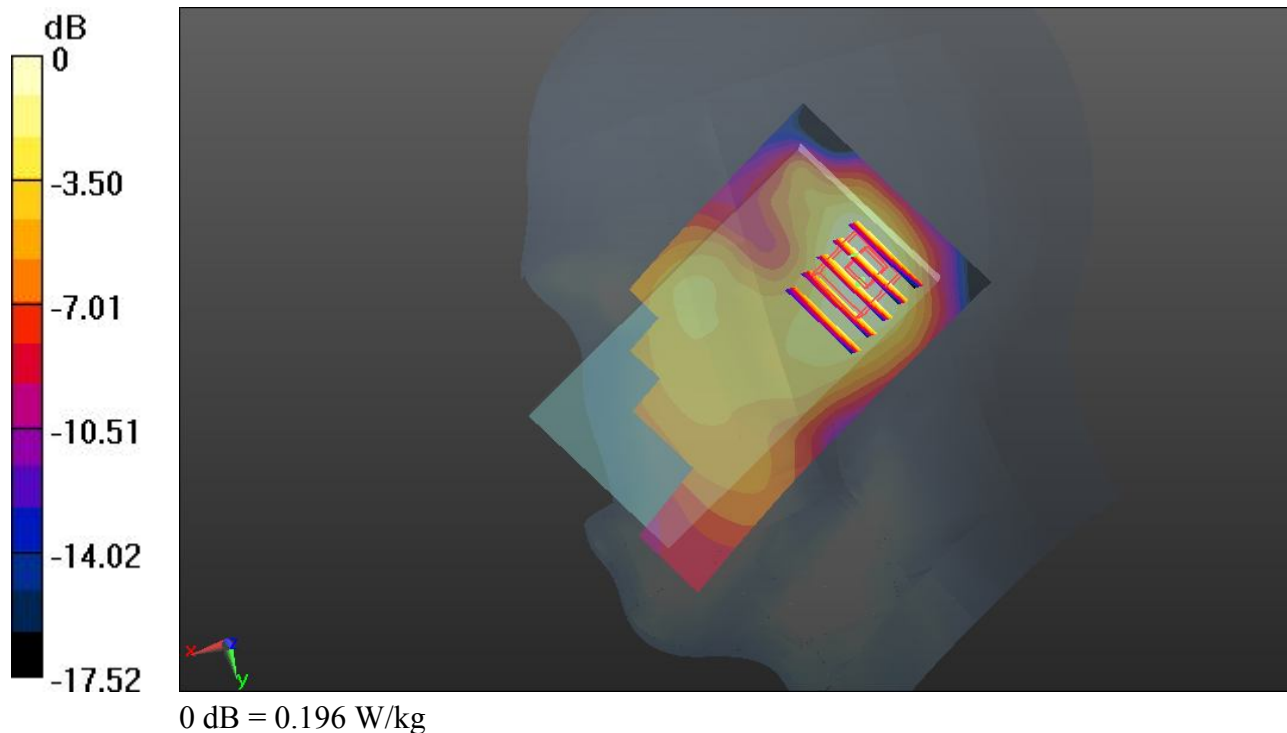
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.596 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.236 mW/g

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.196 W/kg



63 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$ 41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.547 W/kg

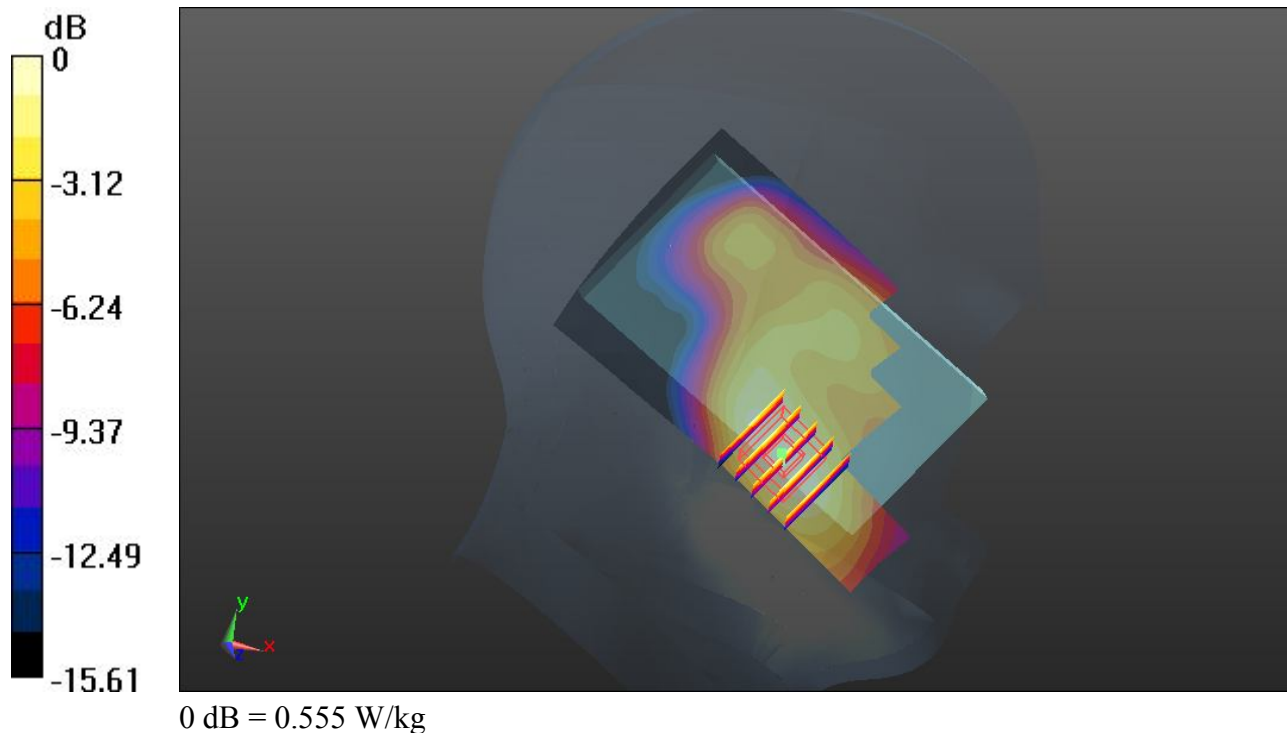
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.540 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.656 mW/g

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.555 W/kg



64 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262**DUT: 350801**

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

Medium: HSL_1900_130521 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$ 41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

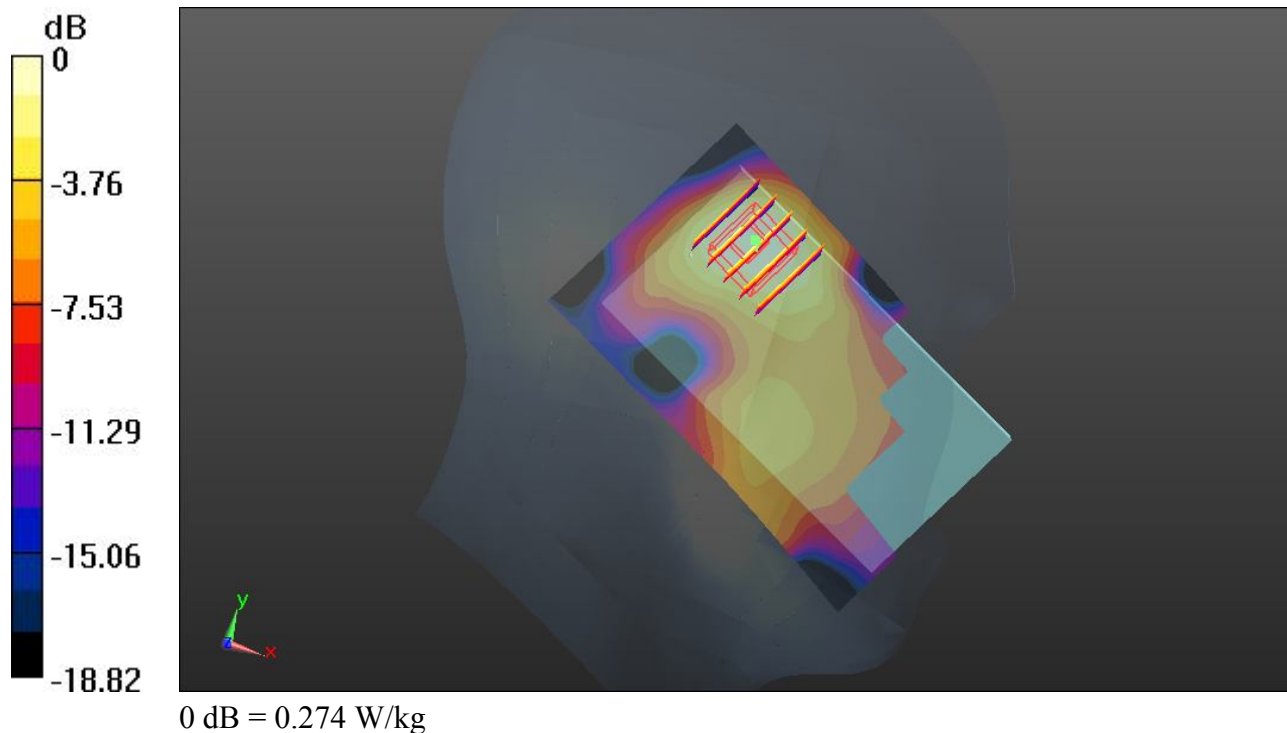
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.178 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.333 mW/g

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.274 W/kg



65 WLAN2.4GHz Band_802.11b_Right Cheek_Ch1**DUT: 350801**

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

Medium: HSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$ 39.724; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °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)

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

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

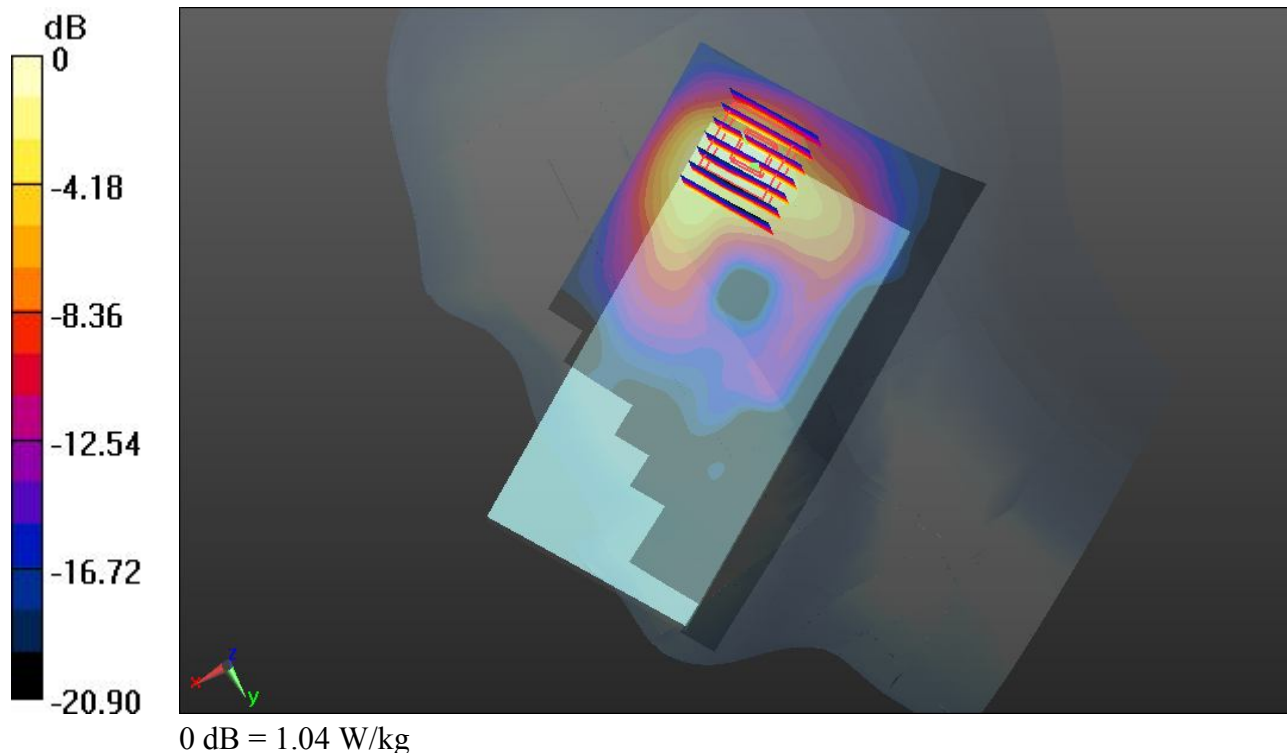
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.177 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.550 mW/g

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 1.04 W/kg



66 WLAN2.4GHz Band_802.11b_Right Tilted_Ch1**DUT: 350801**

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

Medium: HSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °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)

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

Maximum value of SAR (interpolated) = 0.893 W/kg

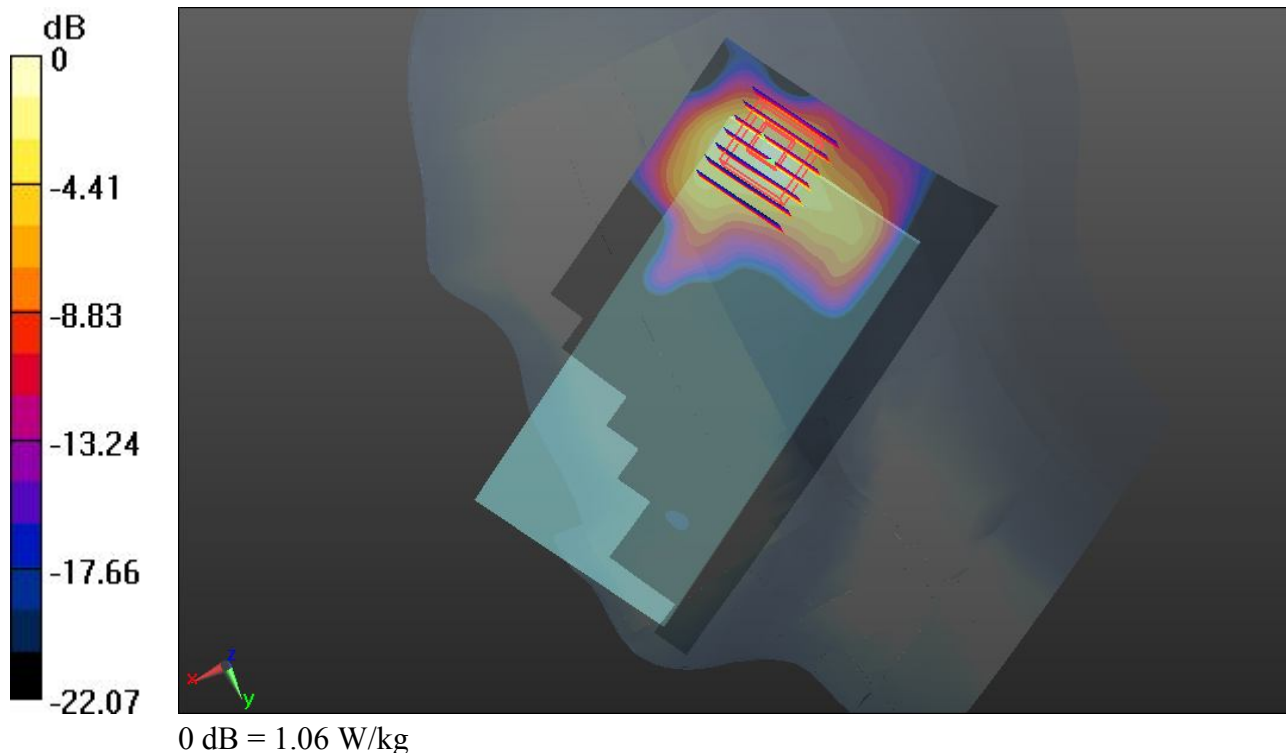
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.275 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.487 mW/g

SAR(1 g) = 0.650 mW/g; SAR(10 g) = 0.277 mW/g

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



67 WLAN2.4GHz Band_802.11b_Left Cheek_Ch1**DUT: 350801**

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

Medium: HSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$ 39.724; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °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)

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

Maximum value of SAR (interpolated) = 0.436 W/kg

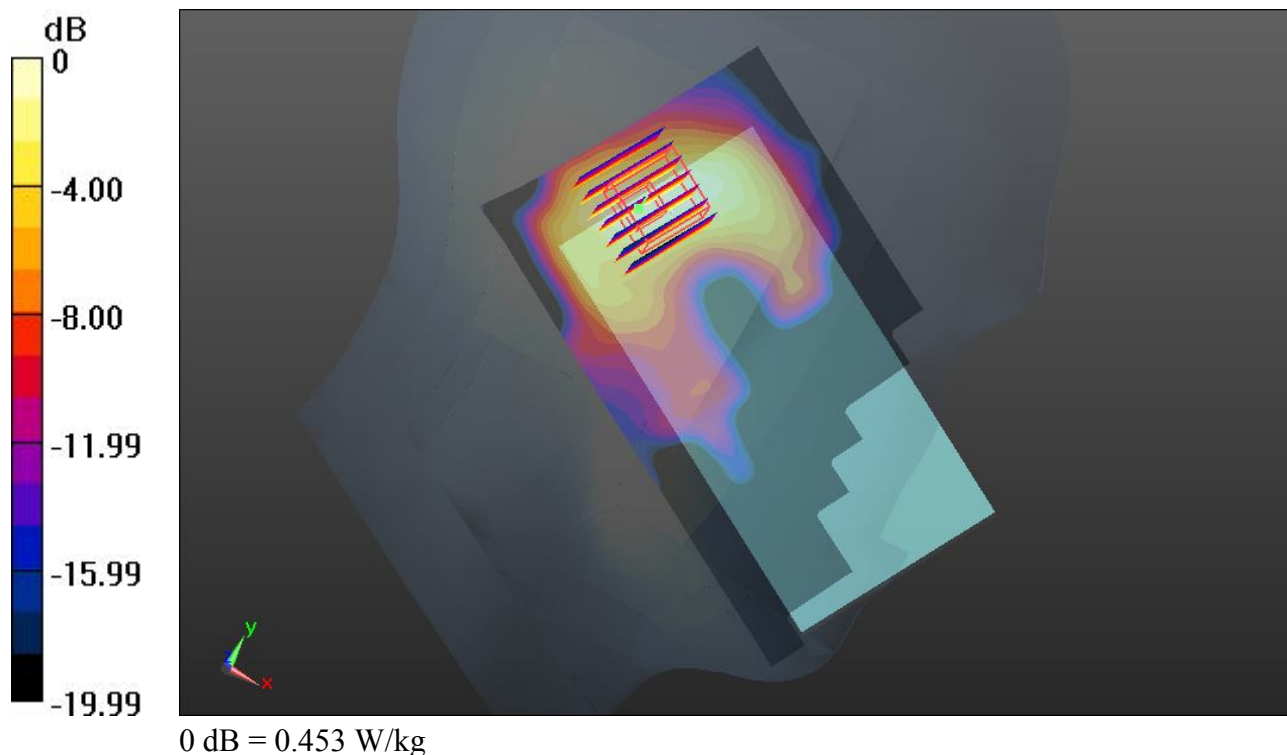
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.084 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.600 mW/g

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.453 W/kg



68 WLAN2.4GHz Band_802.11b_Left Tilted_Ch1**DUT: 350801**

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

Medium: HSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.817$ mho/m; $\epsilon_r =$

39.724 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.4 °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)

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

Maximum value of SAR (interpolated) = 0.538 W/kg

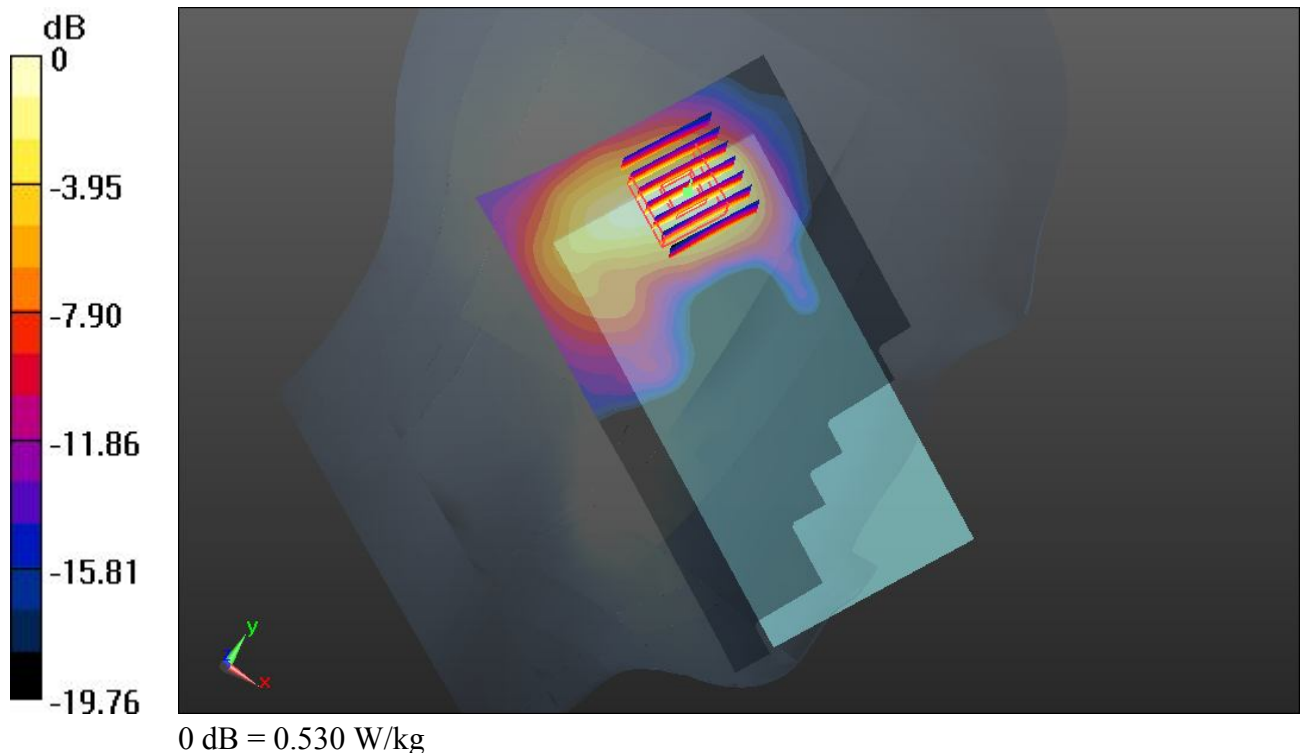
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.522 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.670 mW/g

SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.190 mW/g

Maximum value of SAR (measured) = 0.530 W/kg



26 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch189**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

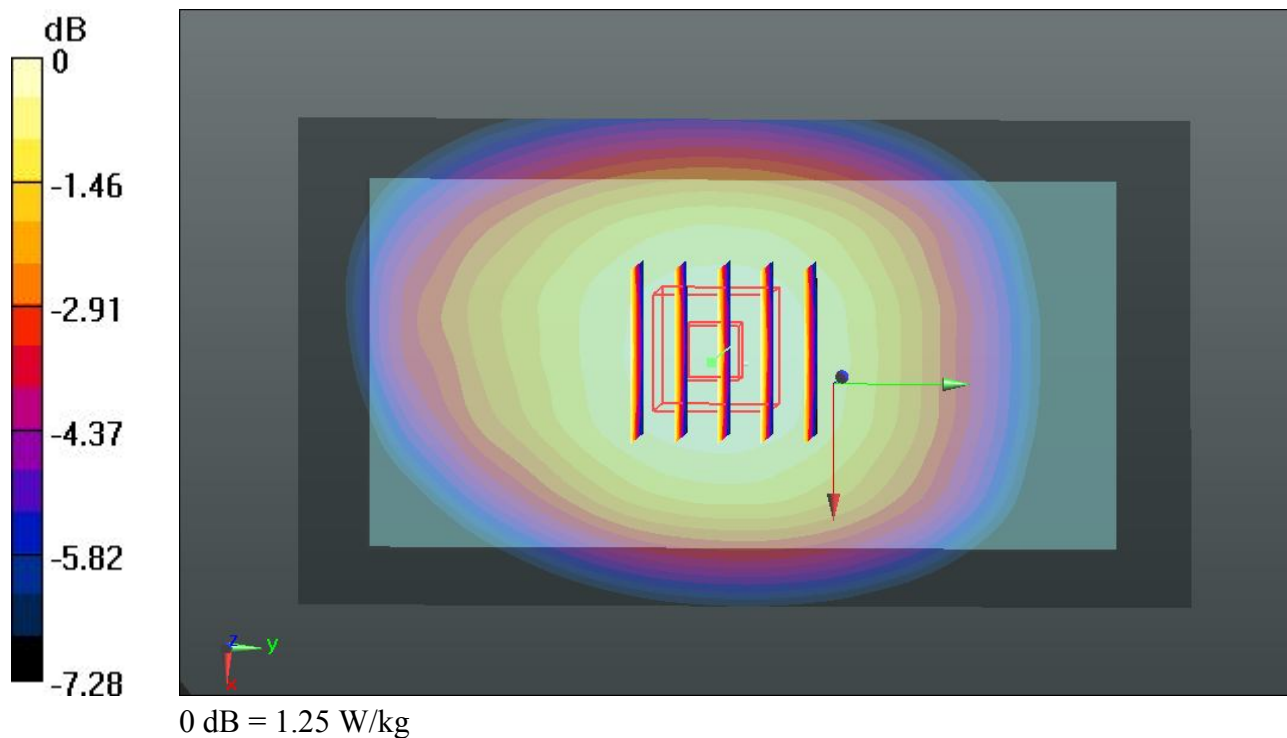
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.339 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.359 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.862 mW/g

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



27 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch189**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

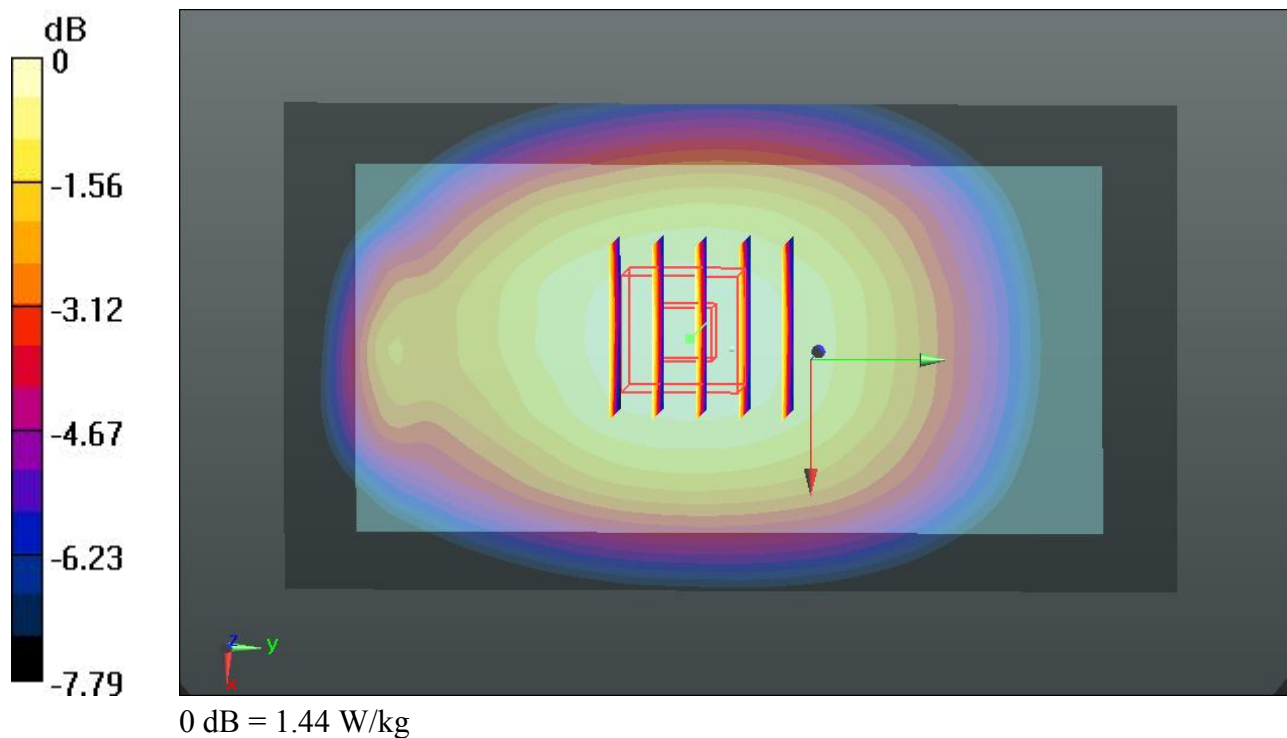
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.911 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.564 mW/g

SAR(1 g) = 1.260 mW/g; SAR(10 g) = 0.977 mW/g

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



28 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch189**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$ 54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

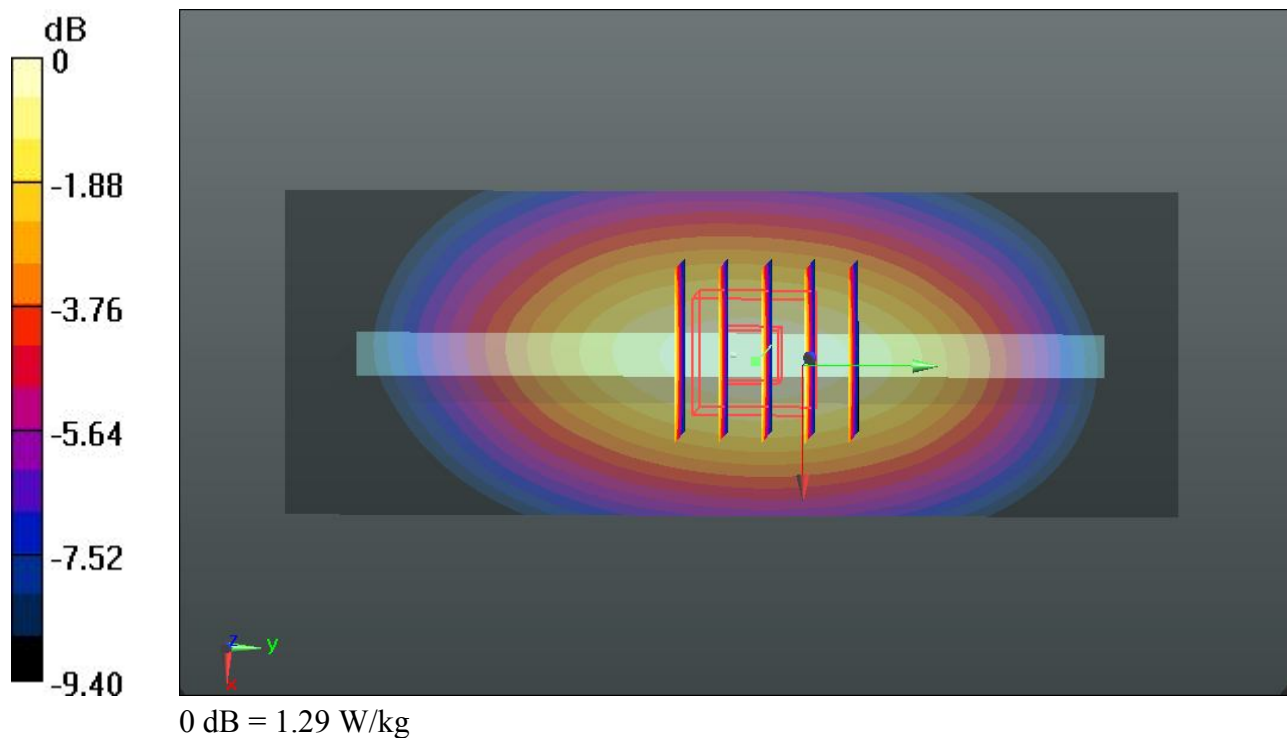
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.868 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.474 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.727 mW/g

Maximum value of SAR (measured) = 1.29 W/kg



29 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch189**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$ 54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

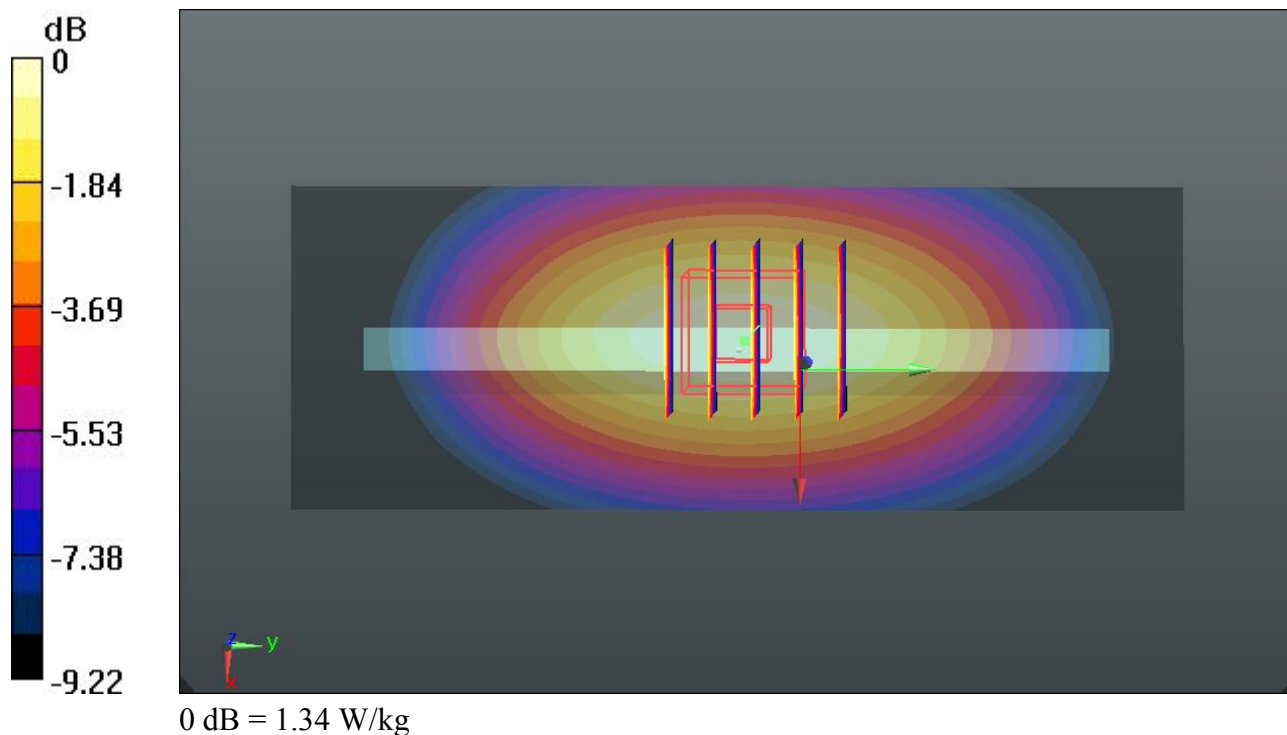
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.842 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.532 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.765 mW/g

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



30 GSM850_GPRS(4 Tx slots)_Bottom Side_1cm_Ch189**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$ 54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.170 W/kg

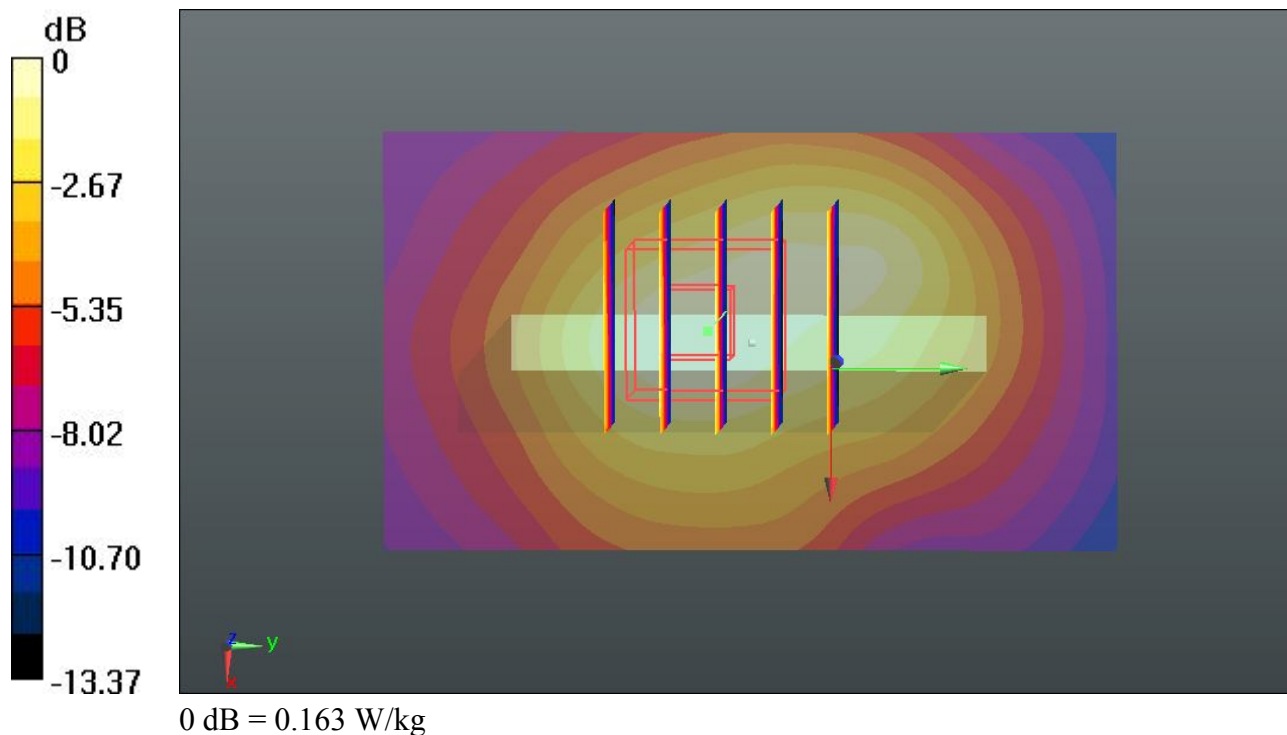
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.319 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.218 mW/g

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.163 W/kg



31 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch128**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r =$ 55.043; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 W/kg

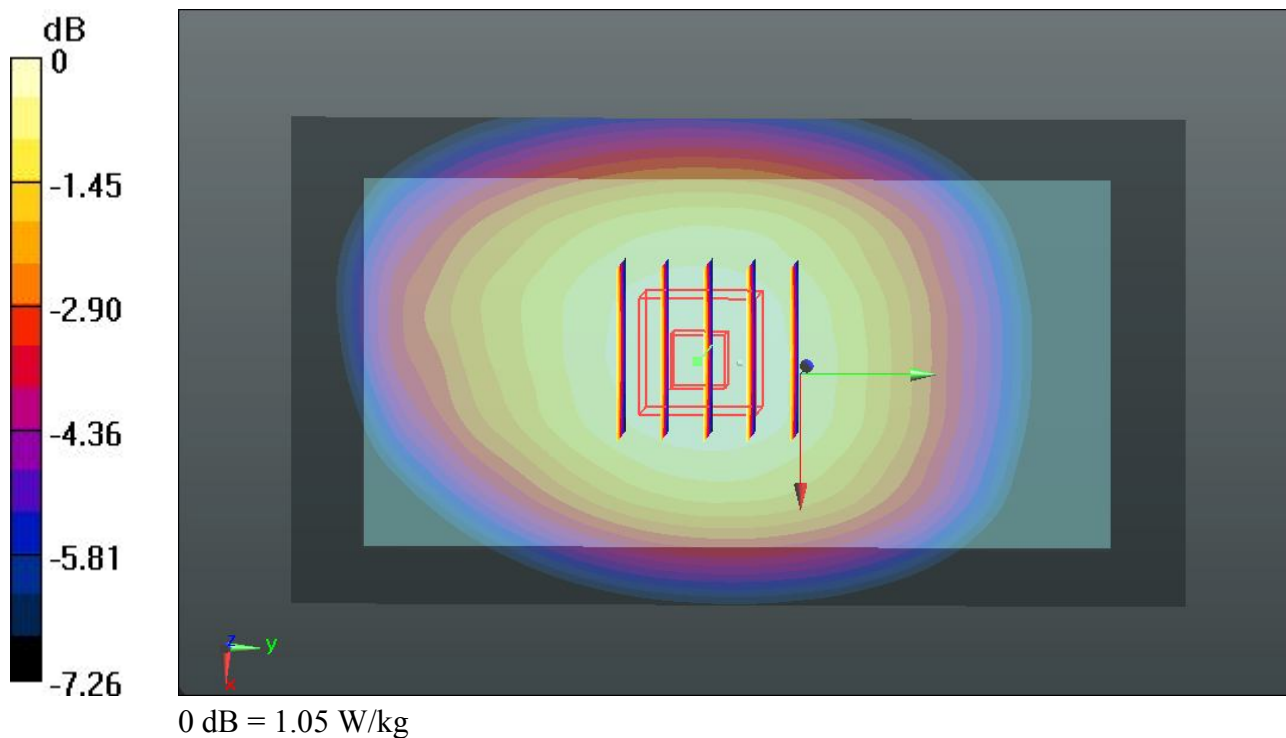
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.624 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.138 mW/g

SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.726 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



32 GSM850_GPRS(4 Tx slots)_Front_1cm_Ch251**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.799$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

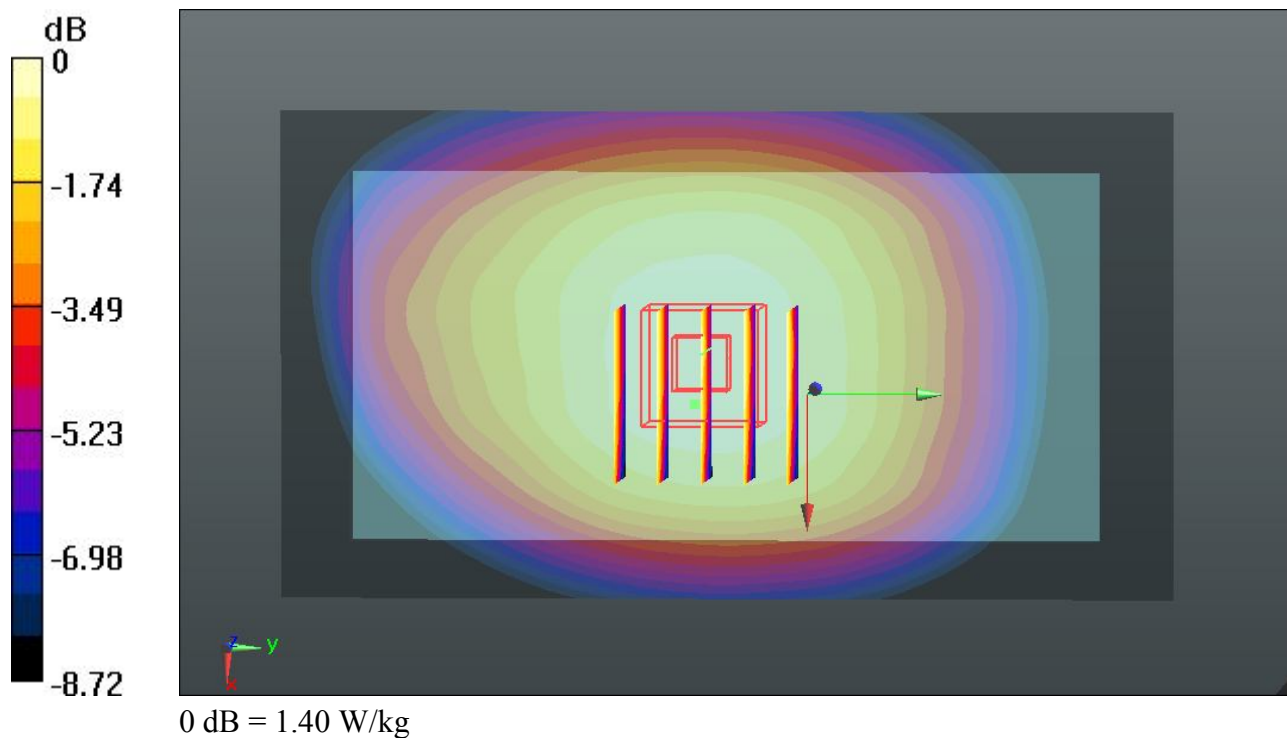
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.082 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.523 mW/g

SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.951 mW/g

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



33 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch128**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r =$

55.043; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch128/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 W/kg

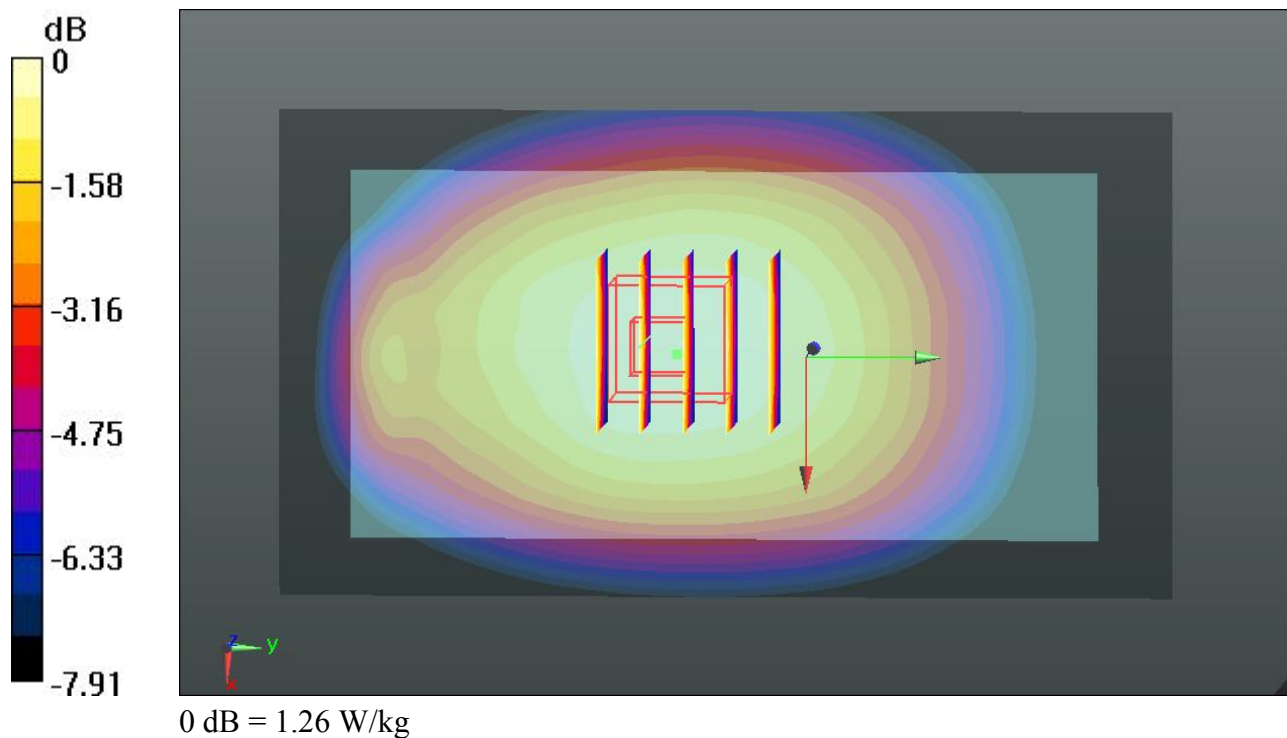
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.723 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.367 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.857 mW/g

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



34 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.799$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.54 W/kg

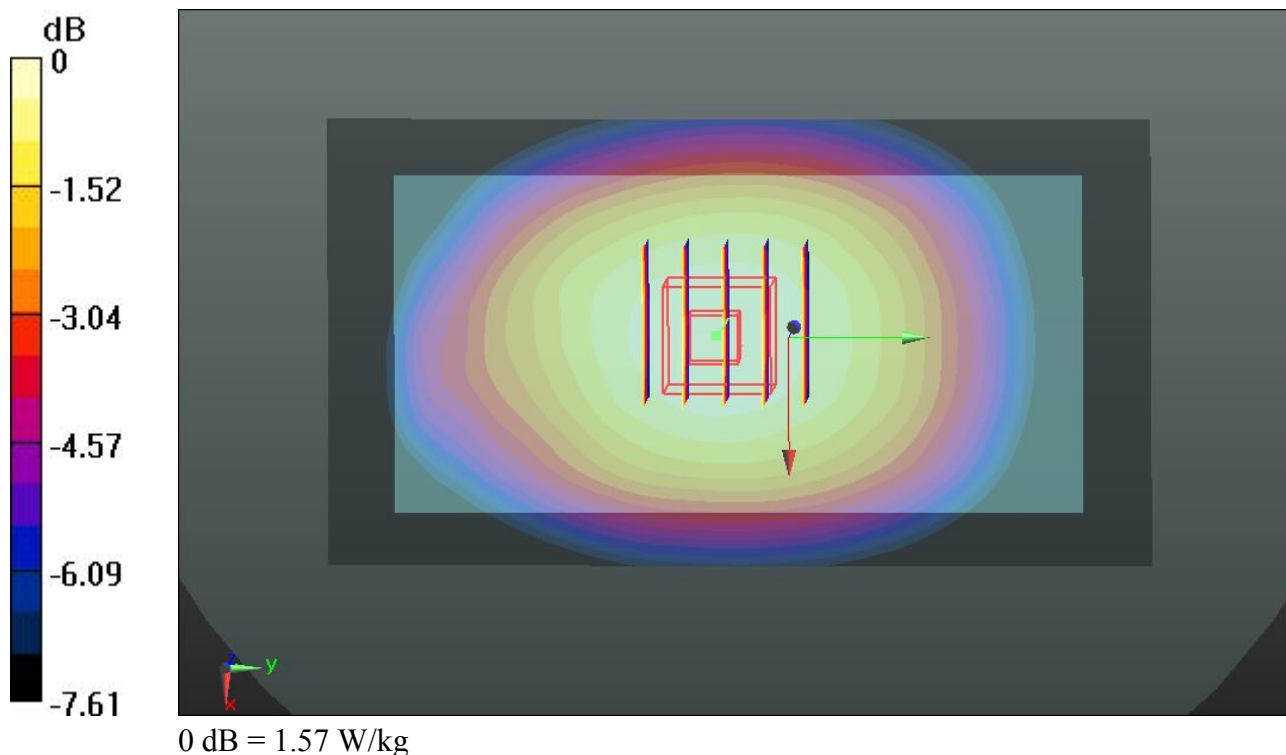
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.563 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.711 mW/g

SAR(1 g) = 1.370 mW/g; SAR(10 g) = 1.06 mW/g

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



43 GSM850_GPRS(4 Tx slots)_Back_1cm_Ch251_Repeat SAR**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.799$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

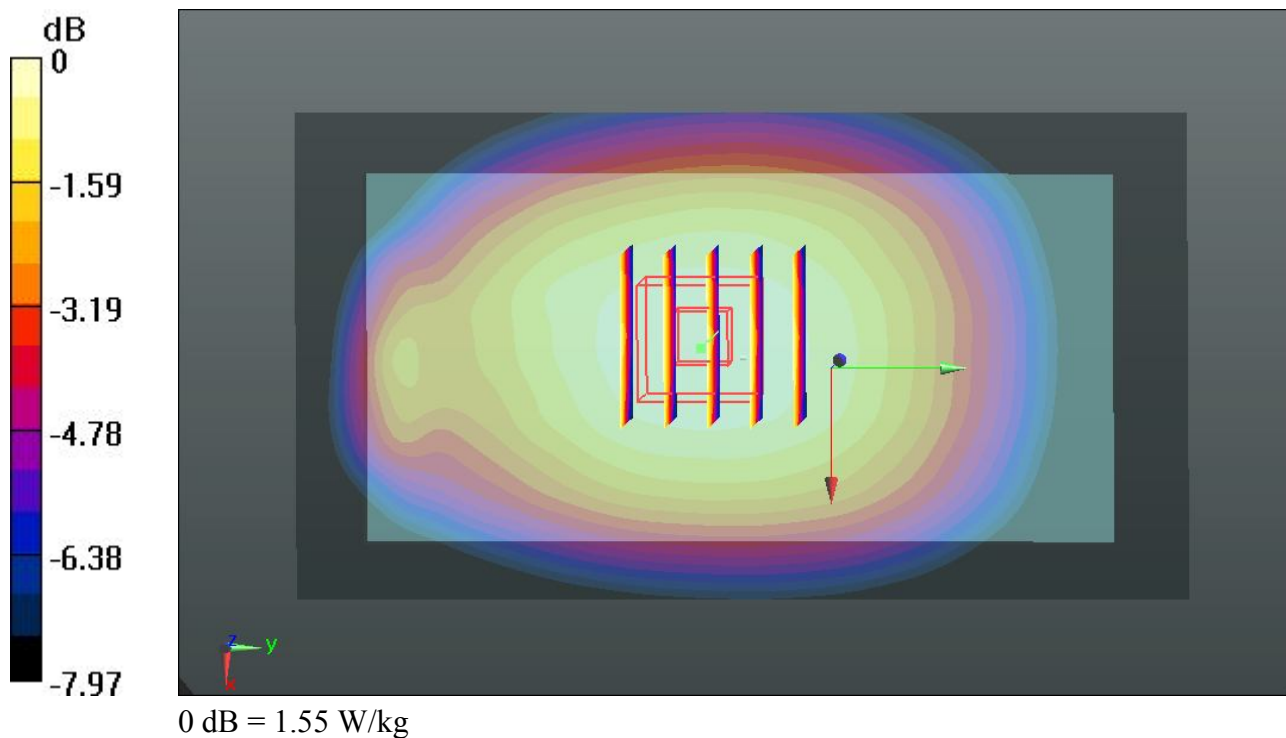
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.112 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.689 mW/g

SAR(1 g) = 1.360 mW/g; SAR(10 g) = 1.05 mW/g

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



35 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch128**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r =$ 55.043; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch128/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

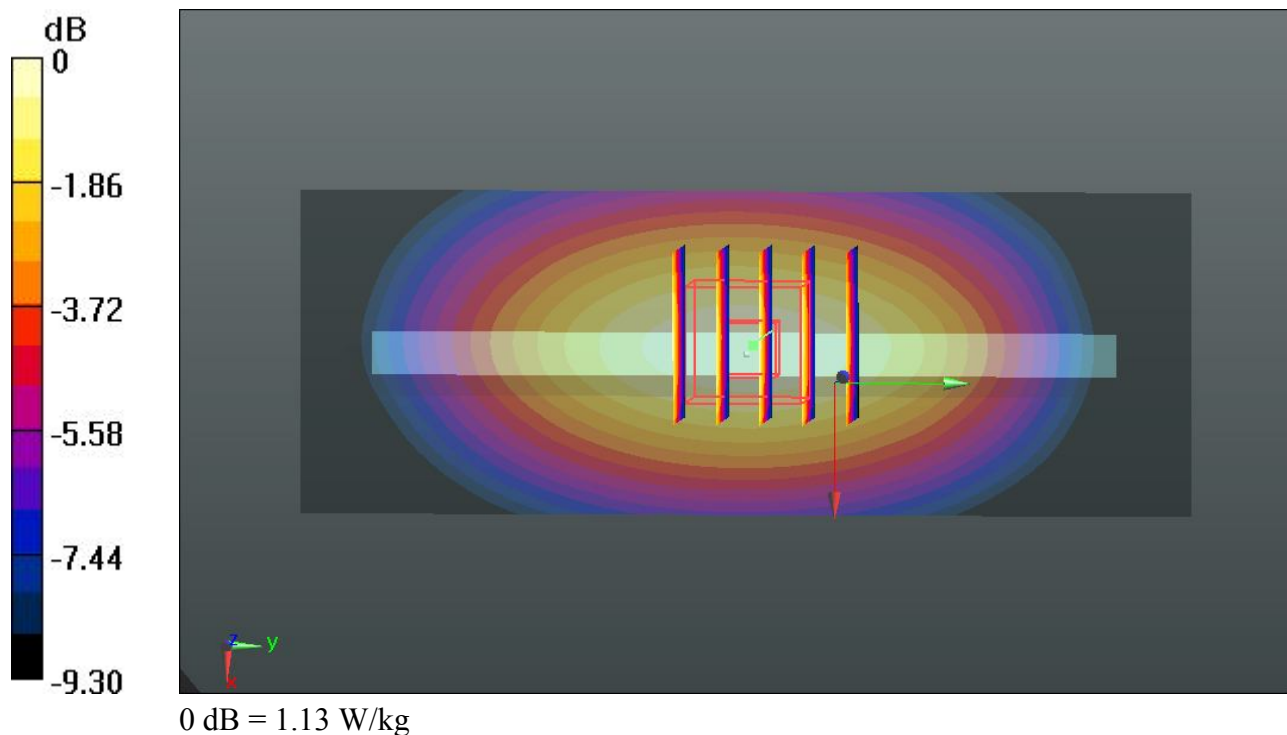
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.161 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.297 mW/g

SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.647 mW/g

Maximum value of SAR (measured) = 1.13 W/kg



36 GSM850_GPRS(4 Tx slots)_Left Side_1cm_Ch251**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.799$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch251/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.41 W/kg

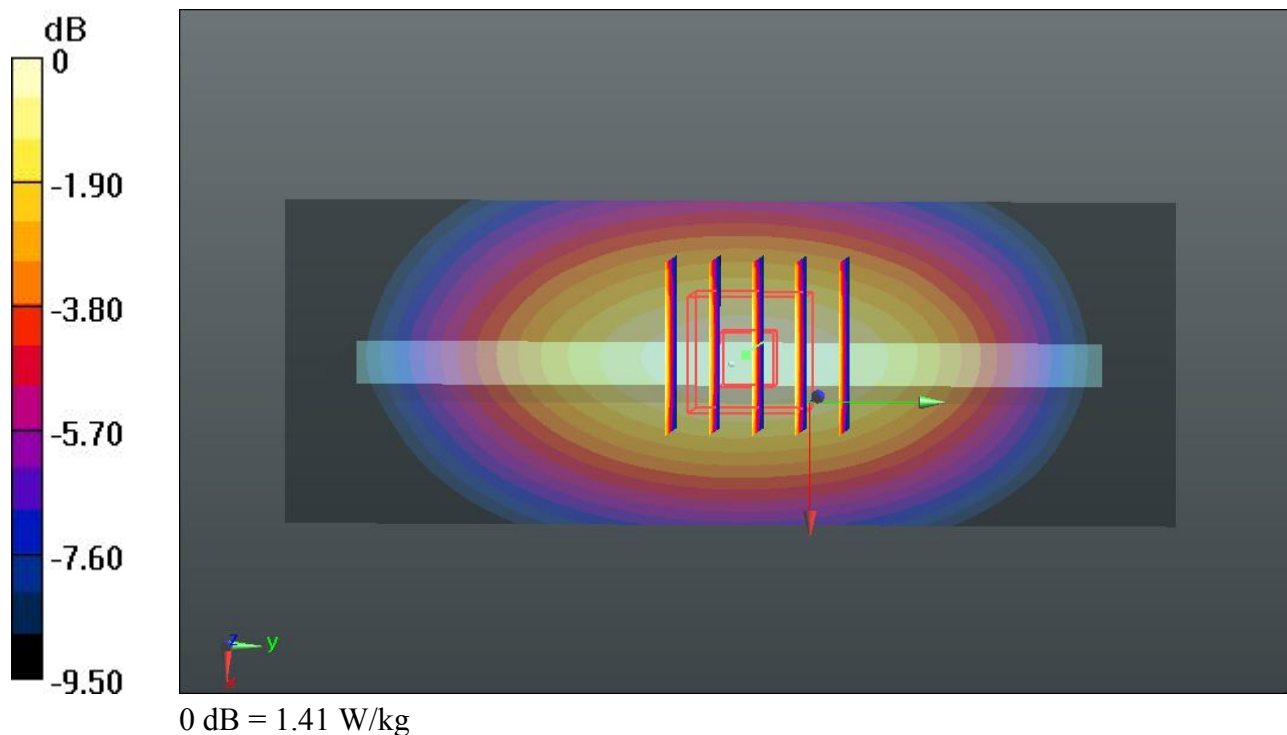
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.652 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.628 mW/g

SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.800 mW/g

Maximum value of SAR (measured) = 1.41 W/kg



37 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch128**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r =$ 55.043; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch128/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

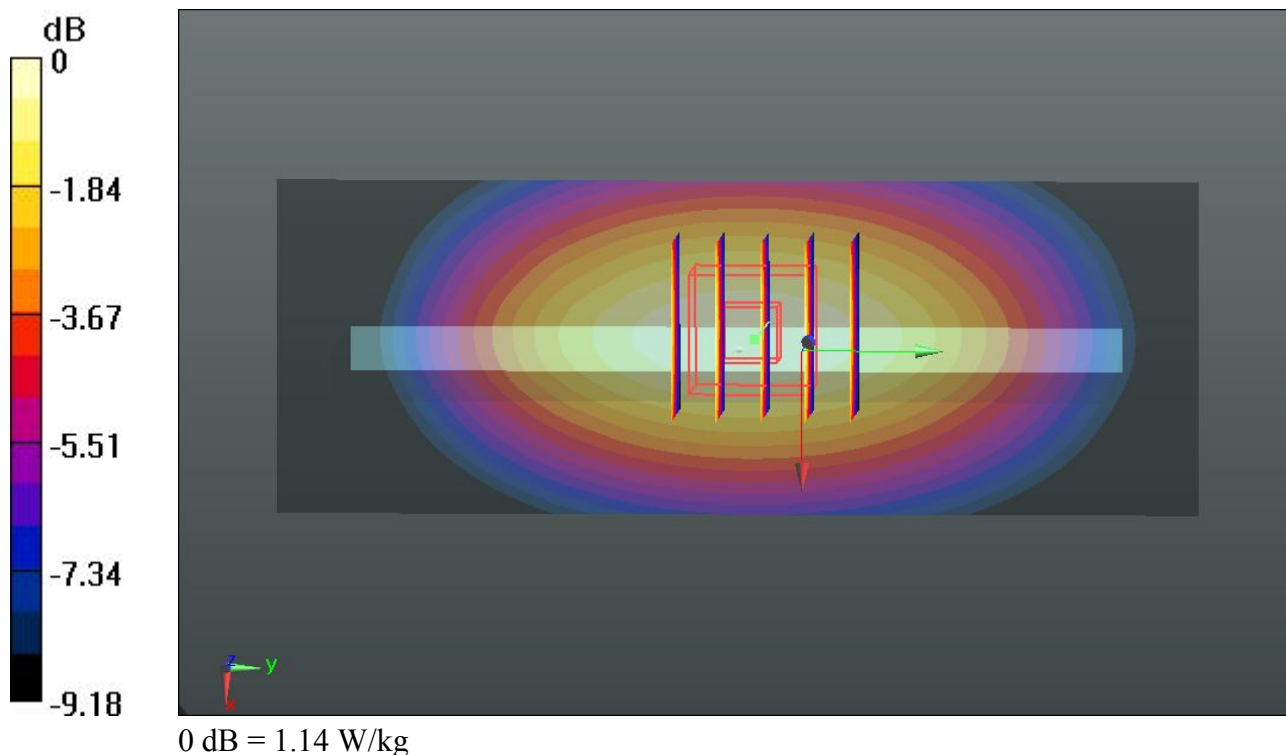
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.141 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.309 mW/g

SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.655 mW/g

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



38 GSM850_GPRS(4 Tx slots)_Right Side_1cm_Ch251**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL_835_130515 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.799$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch251/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.46 W/kg

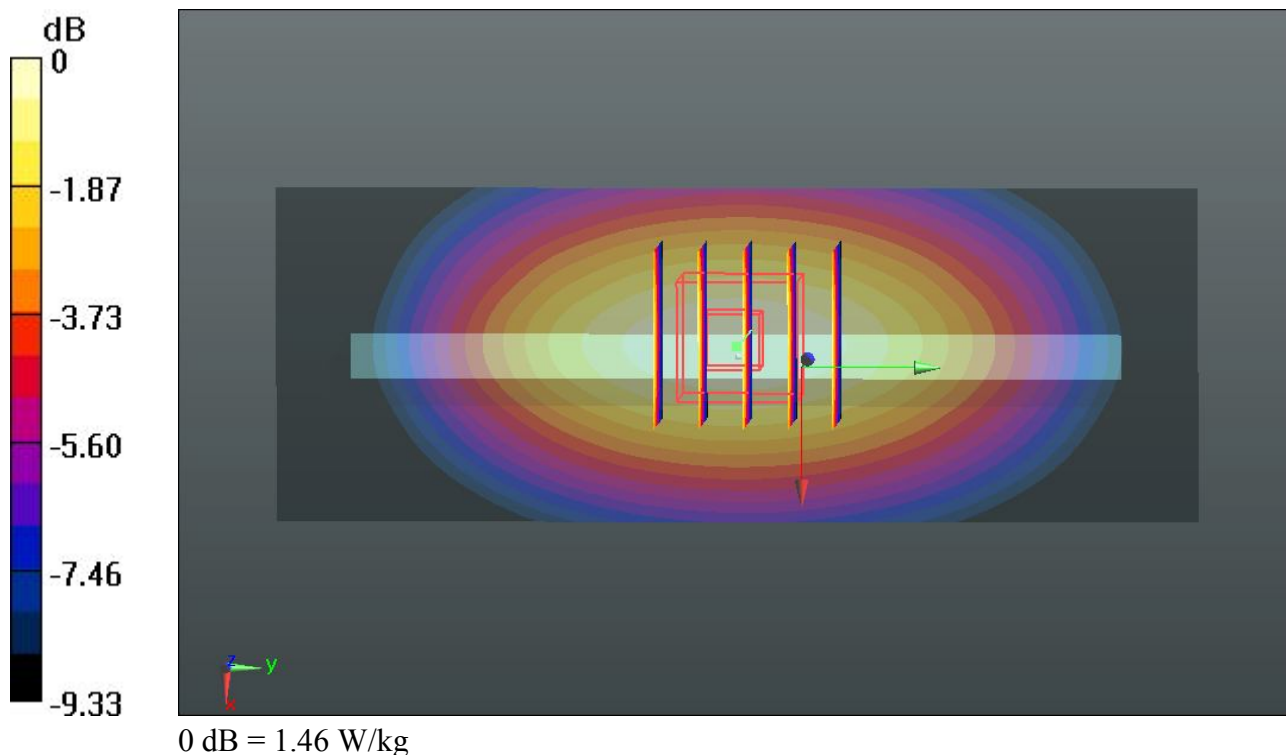
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.069 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.674 mW/g

SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.831 mW/g

Maximum value of SAR (measured) = 1.46 W/kg



01 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch810**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.29 W/kg

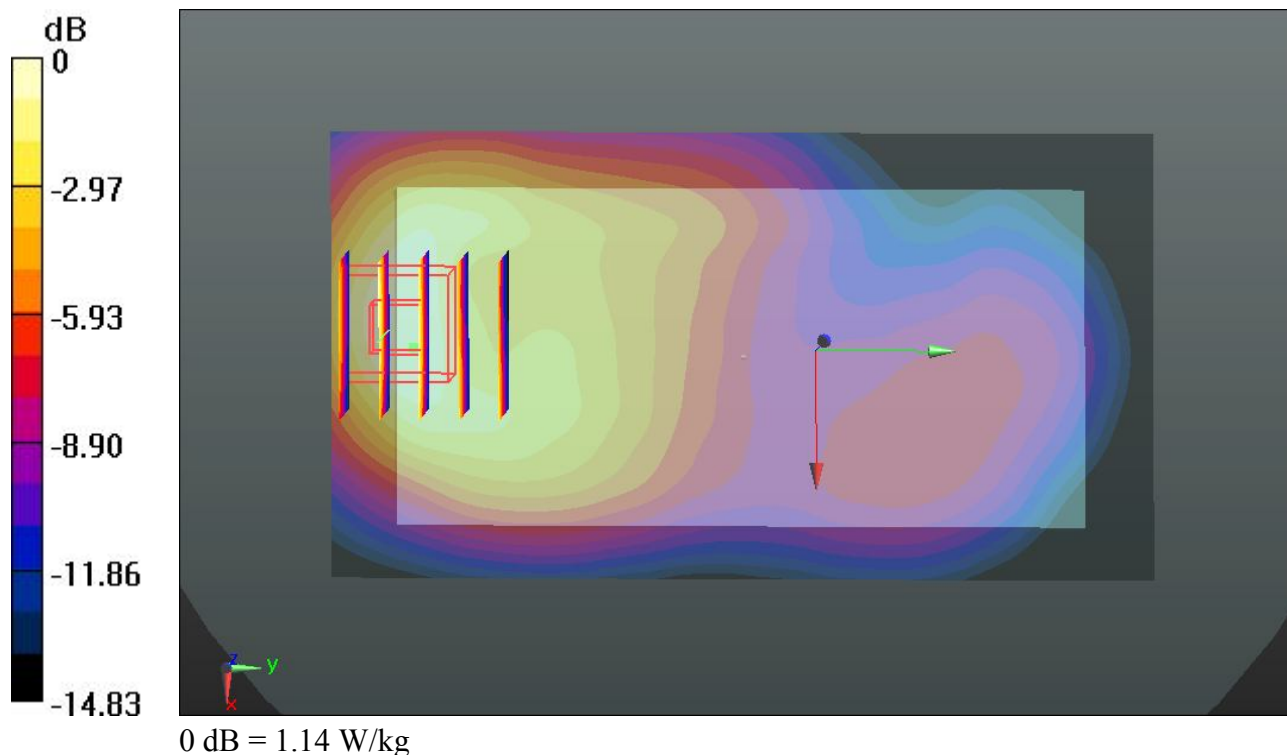
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.471 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.536 mW/g

SAR(1 g) = 0.940 mW/g; SAR(10 g) = 0.521 mW/g

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



02 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch810**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (61x111x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

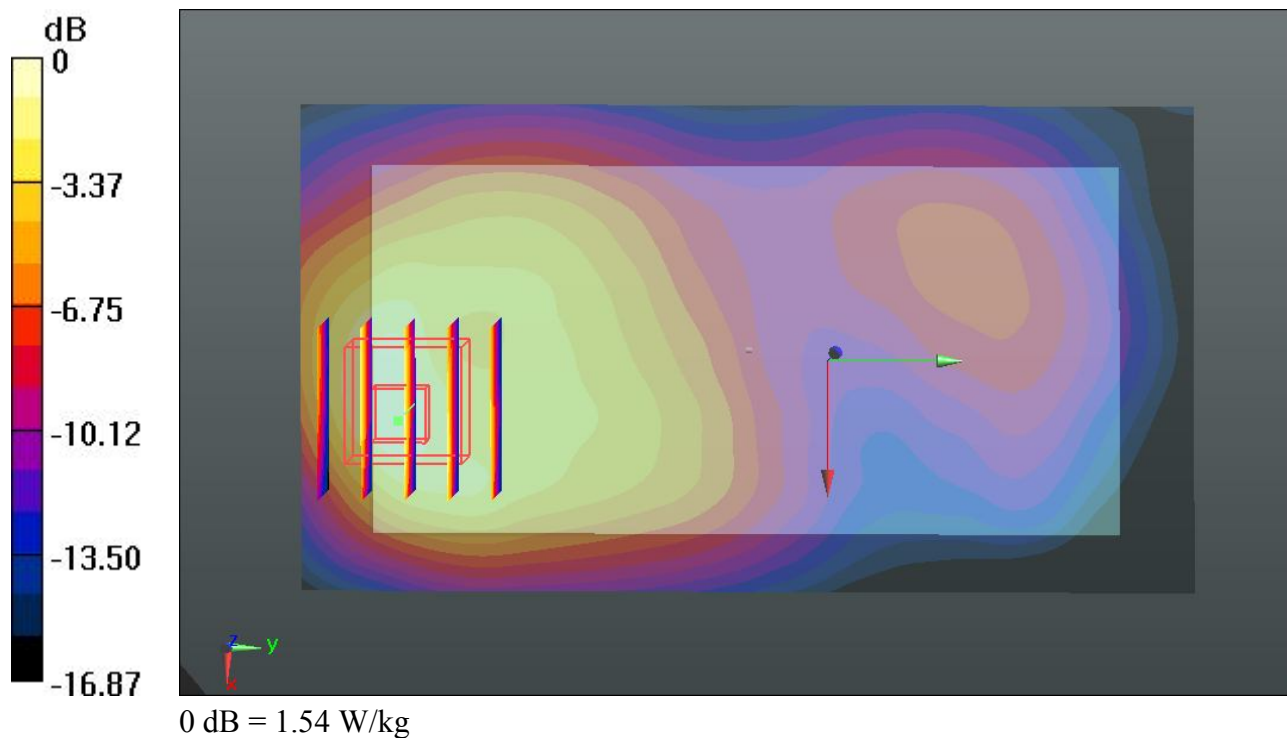
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.517 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.872 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.617 mW/g

Maximum value of SAR (measured) = 1.54 W/kg



03 GSM1900_GPRS(4 Tx slots)_Left Side_1cm_Ch810**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.248 W/kg

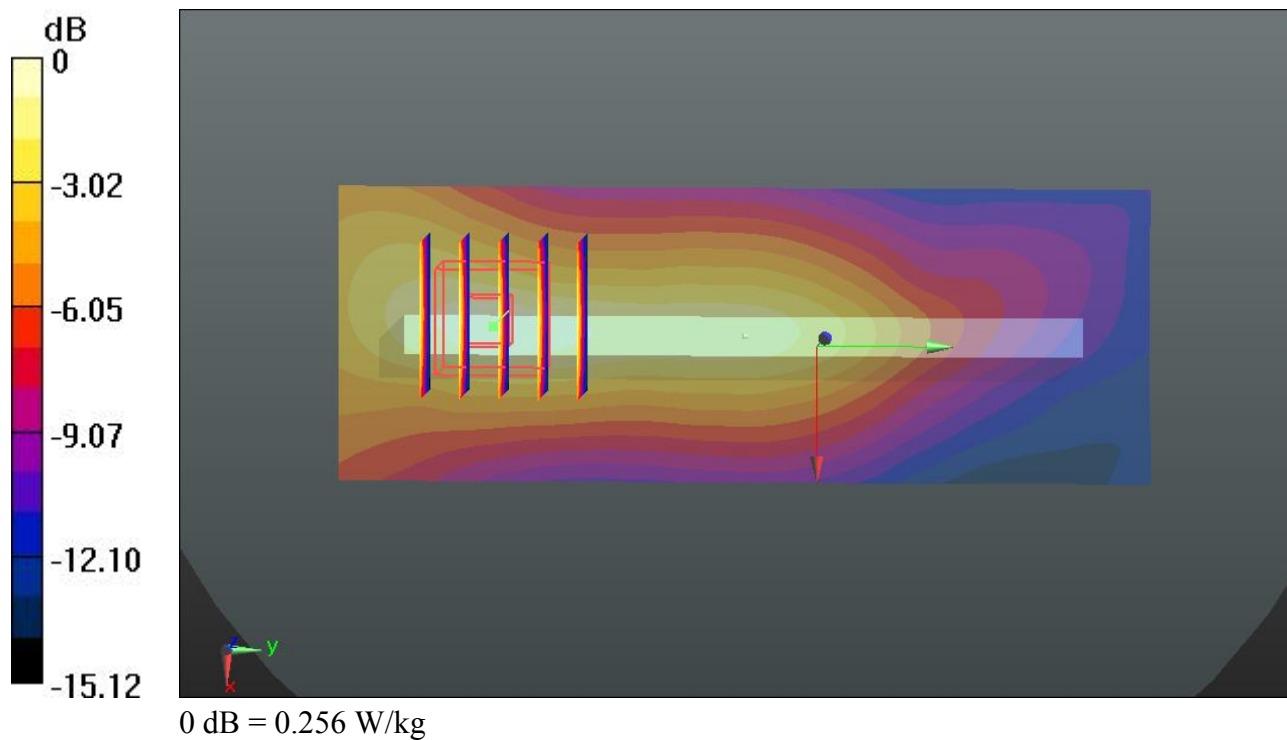
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.182 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.321 mW/g

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.256 W/kg



04 GSM1900_GPRS(4 Tx slots)_Right Side_1cm_Ch810**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

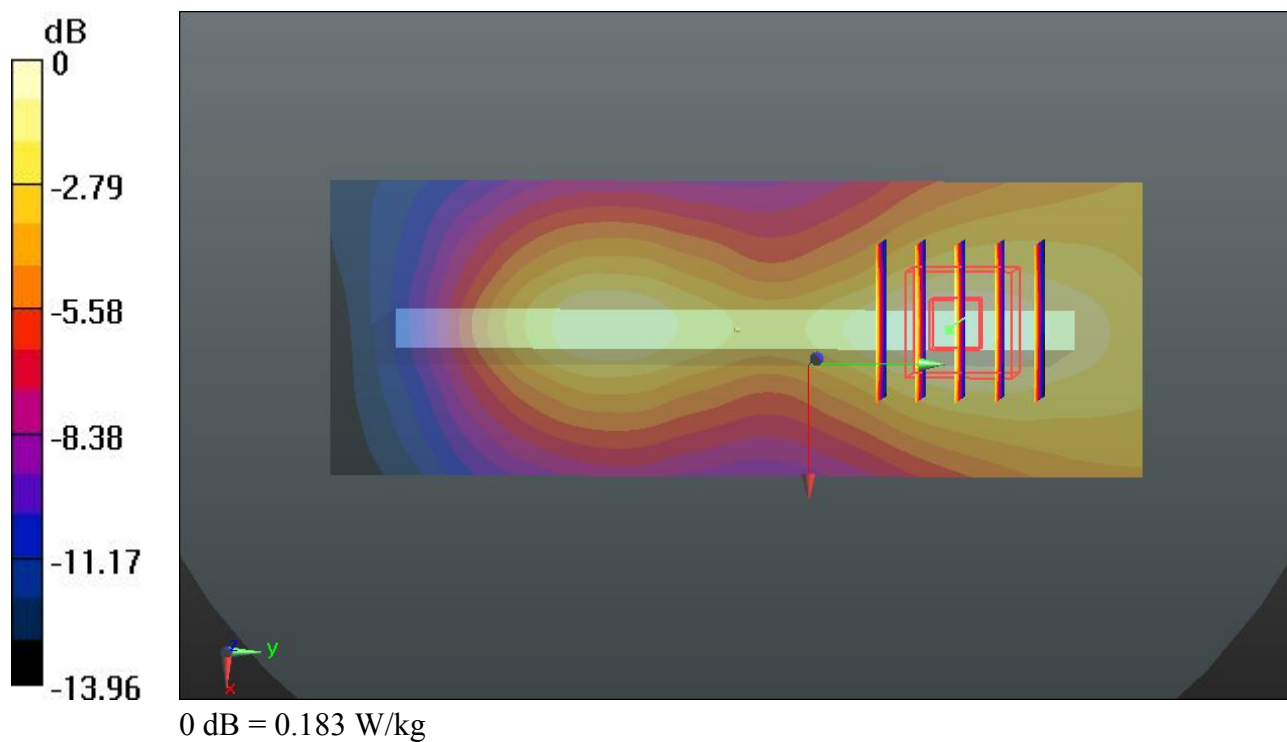
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.123 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.222 mW/g

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.183 W/kg



05 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$ 53.552 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

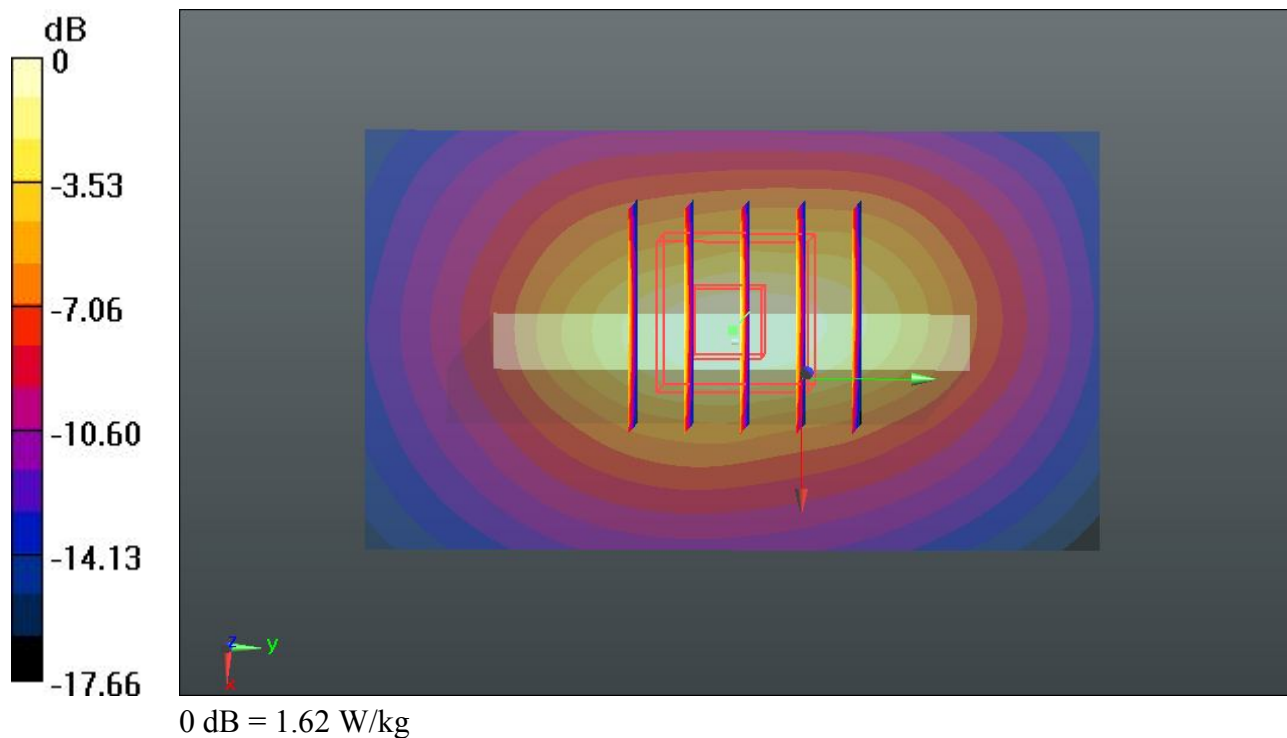
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.138 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.016 mW/g

SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.622 mW/g

Maximum value of SAR (measured) = 1.62 W/kg



14 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch810_Repeat SAR**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$ 53.552; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

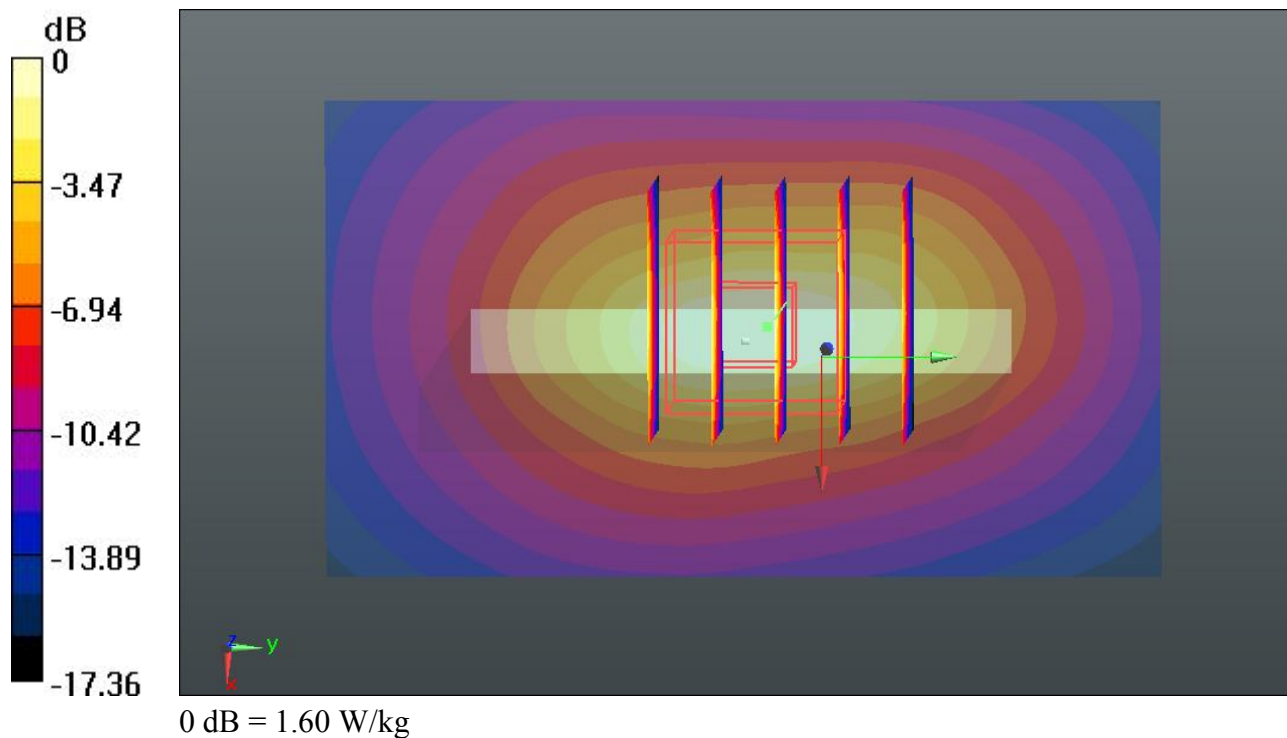
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.206 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.006 mW/g

SAR(1 g) = 1.150 mW/g; SAR(10 g) = 0.605 mW/g

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



06 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch512**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$ 53.59; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

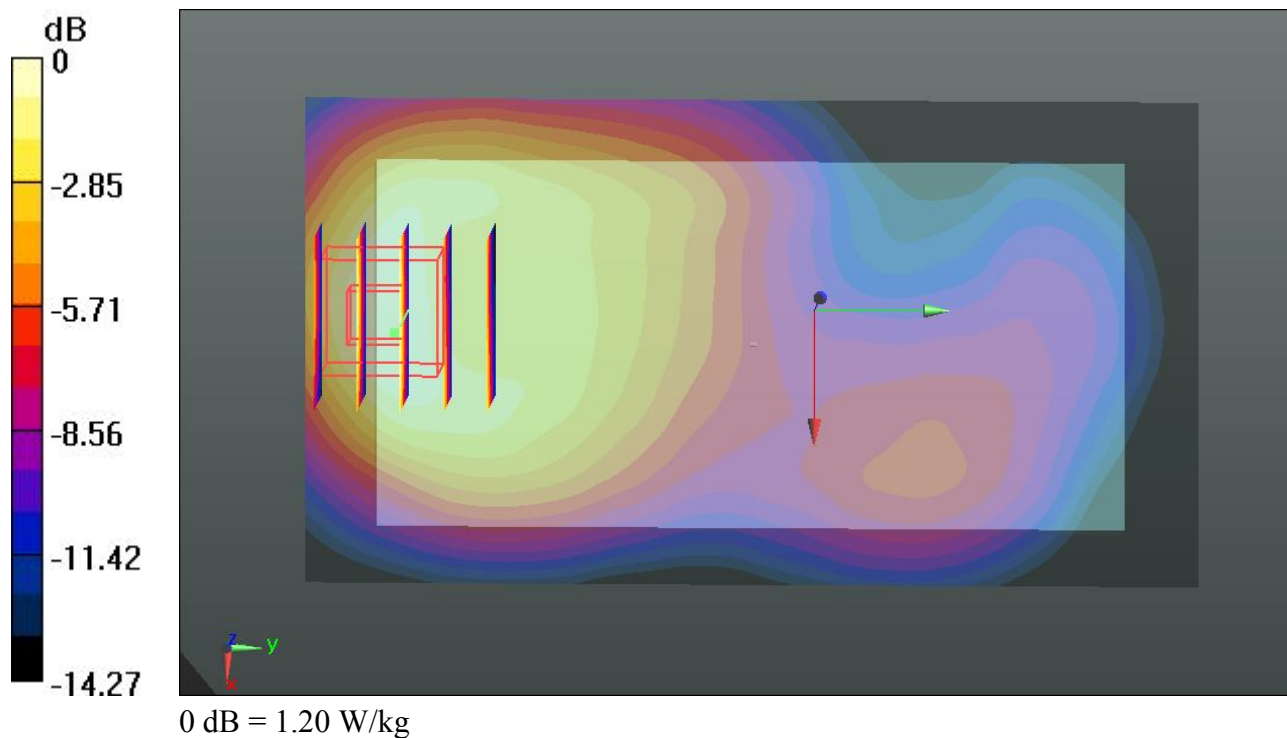
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.040 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.556 mW/g

SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.558 mW/g

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



07 GSM1900_GPRS(4 Tx slots)_Front_1cm_Ch661**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

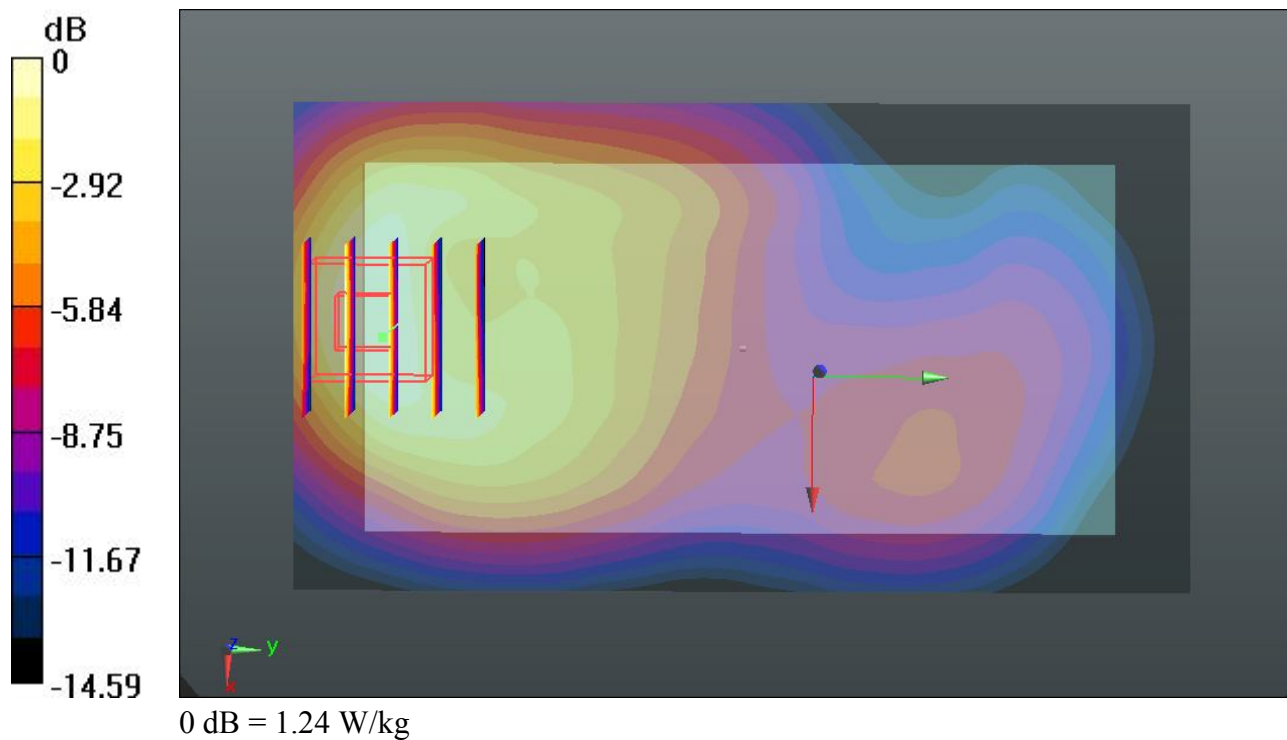
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.902 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.637 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.568 mW/g

Maximum value of SAR (measured) = 1.24 W/kg



08 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch512**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$

53.59; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

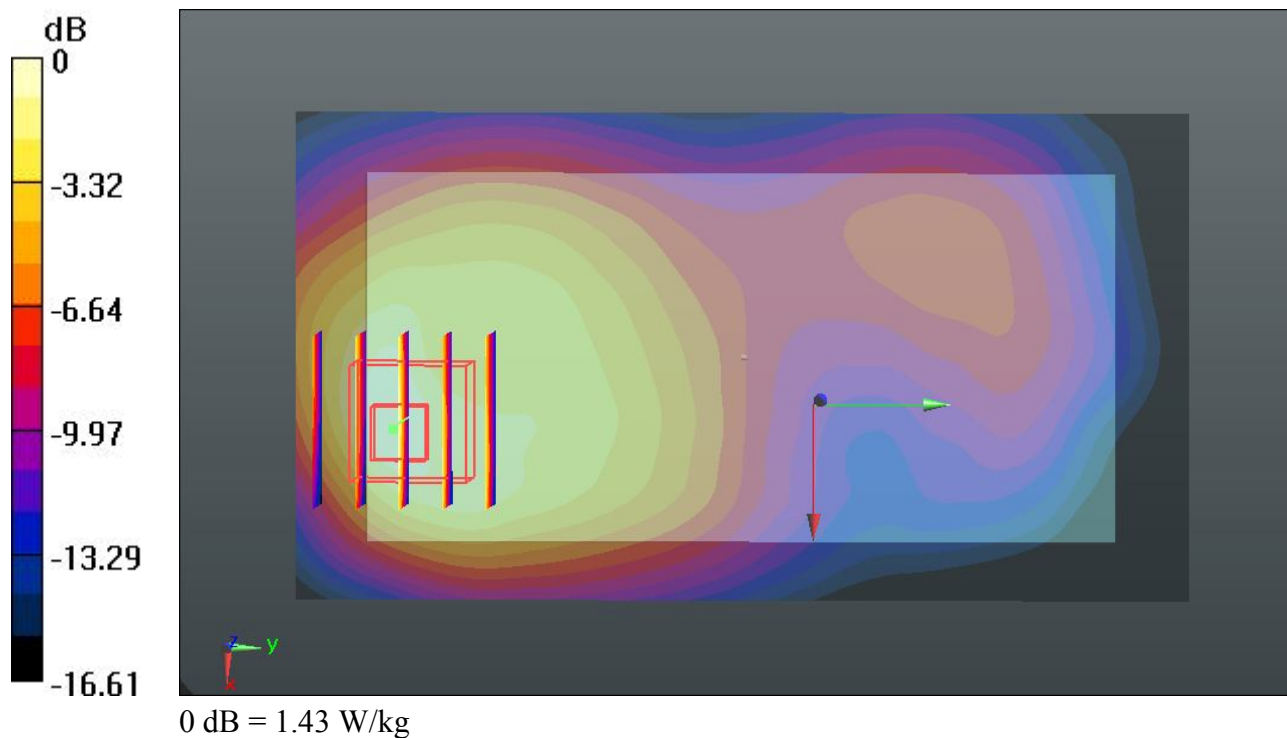
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.962 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.750 mW/g

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 1.43 W/kg



09 GSM1900_GPRS(4 Tx slots)_Back_1cm_Ch661**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$ 53.575; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch661/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

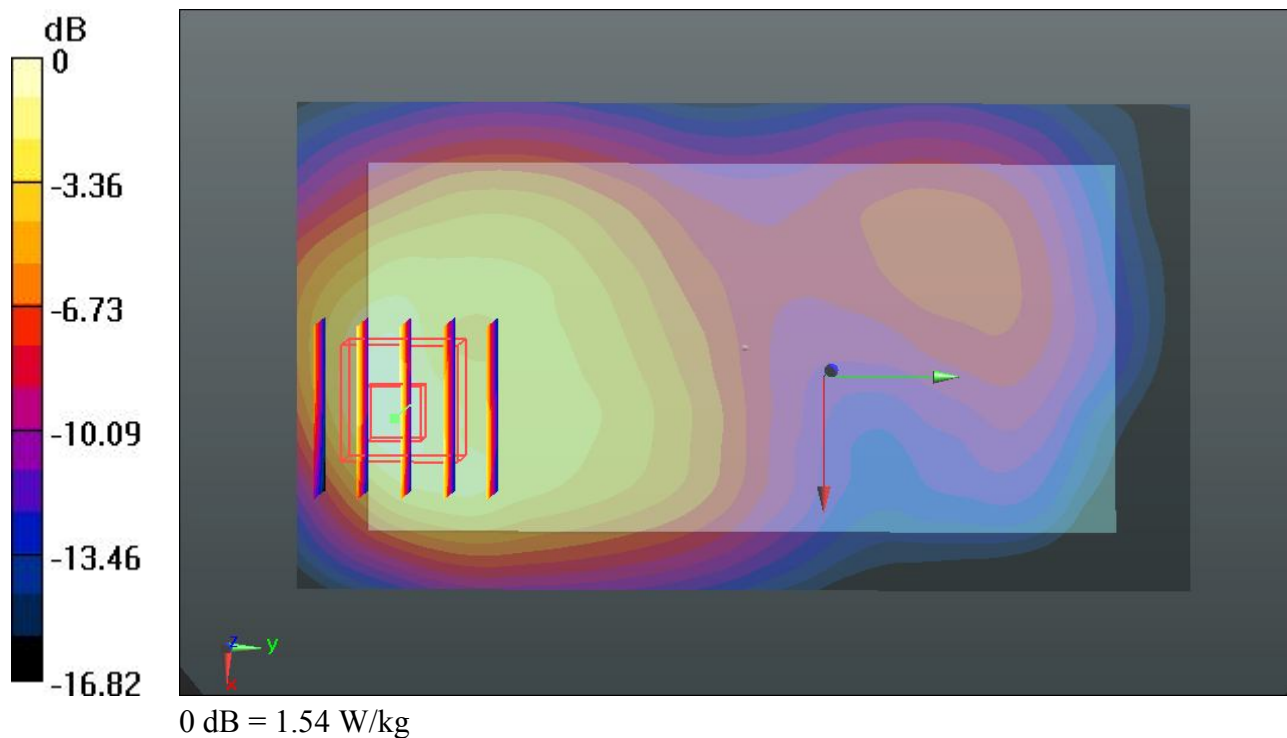
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.546 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.877 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.614 mW/g

Maximum value of SAR (measured) = 1.54 W/kg



10 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch512**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r =$ 53.59; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch512/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

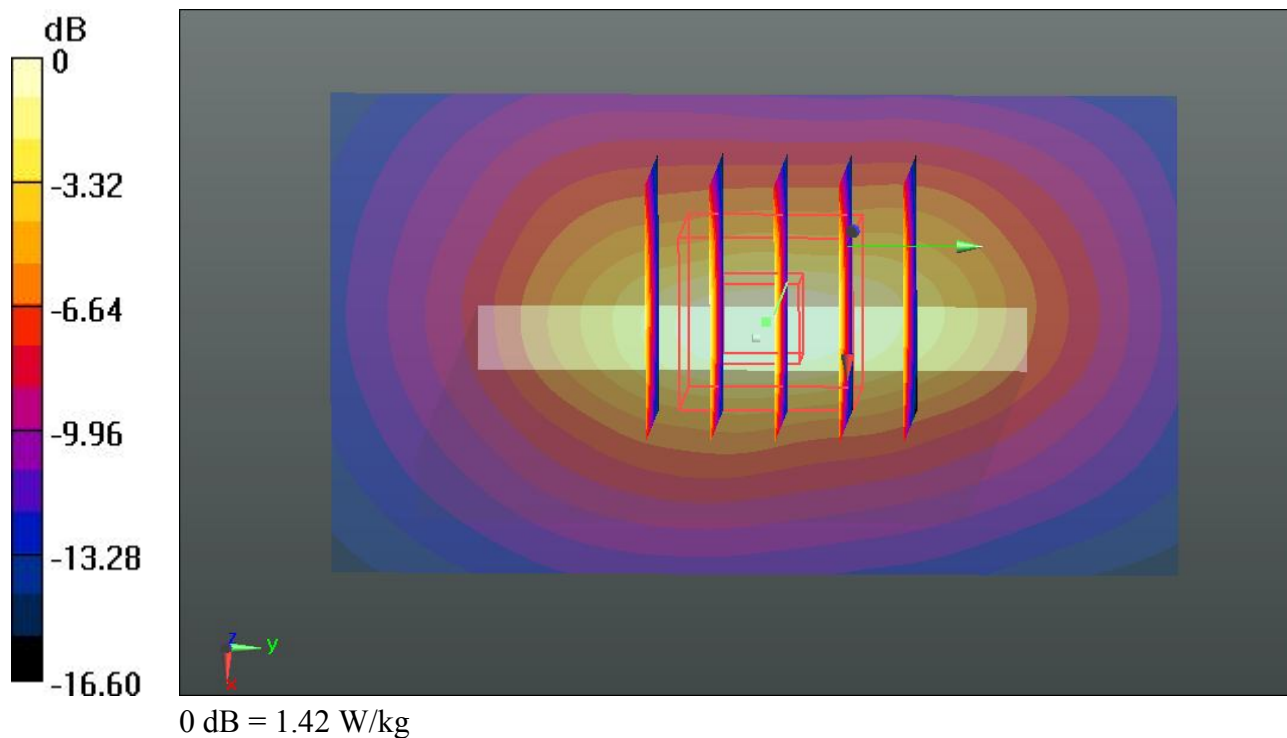
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.007 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.751 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.539 mW/g

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



11 GSM1900_GPRS(4 Tx slots)_Bottom Side_1cm_Ch661**DUT: 350801**

Communication System: GPRS/EDGE12; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900_130515 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$ 53.575 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch661/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

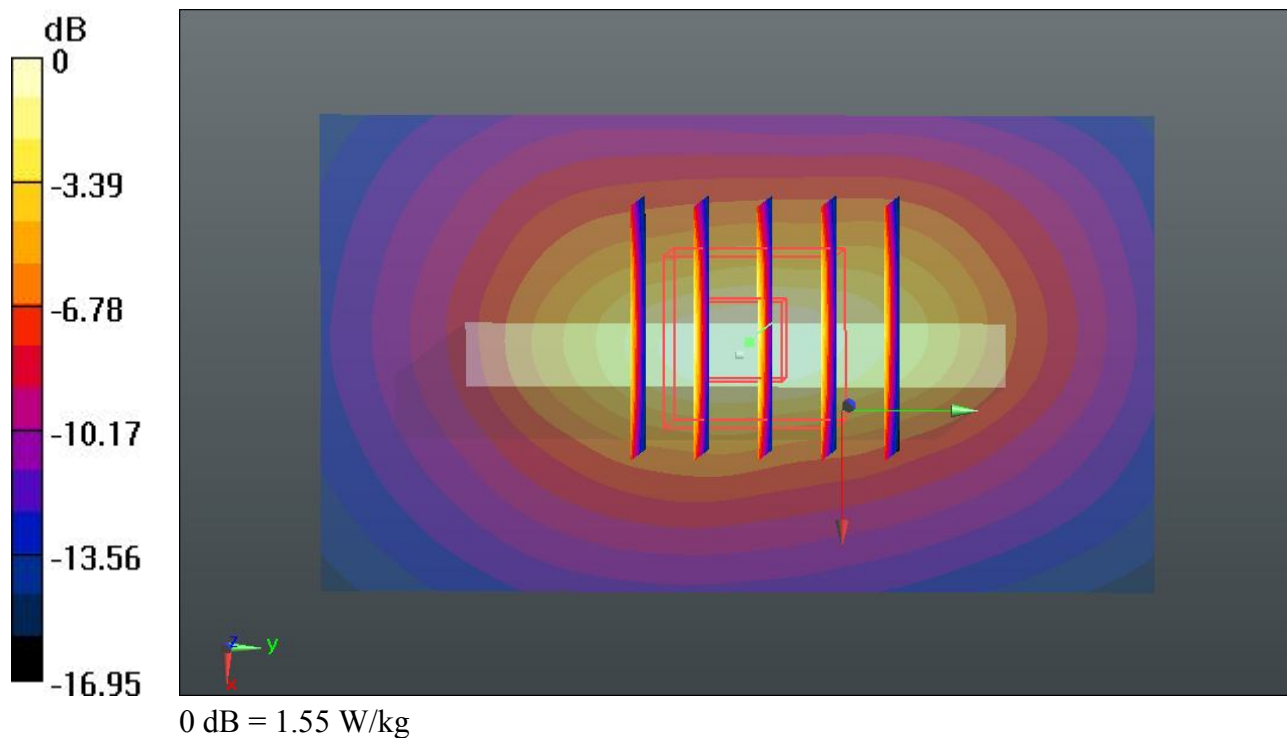
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.873 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.908 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.585 mW/g

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



44 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4233**DUT: 350801**

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

Medium: MSL_835_130515 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.736 W/kg

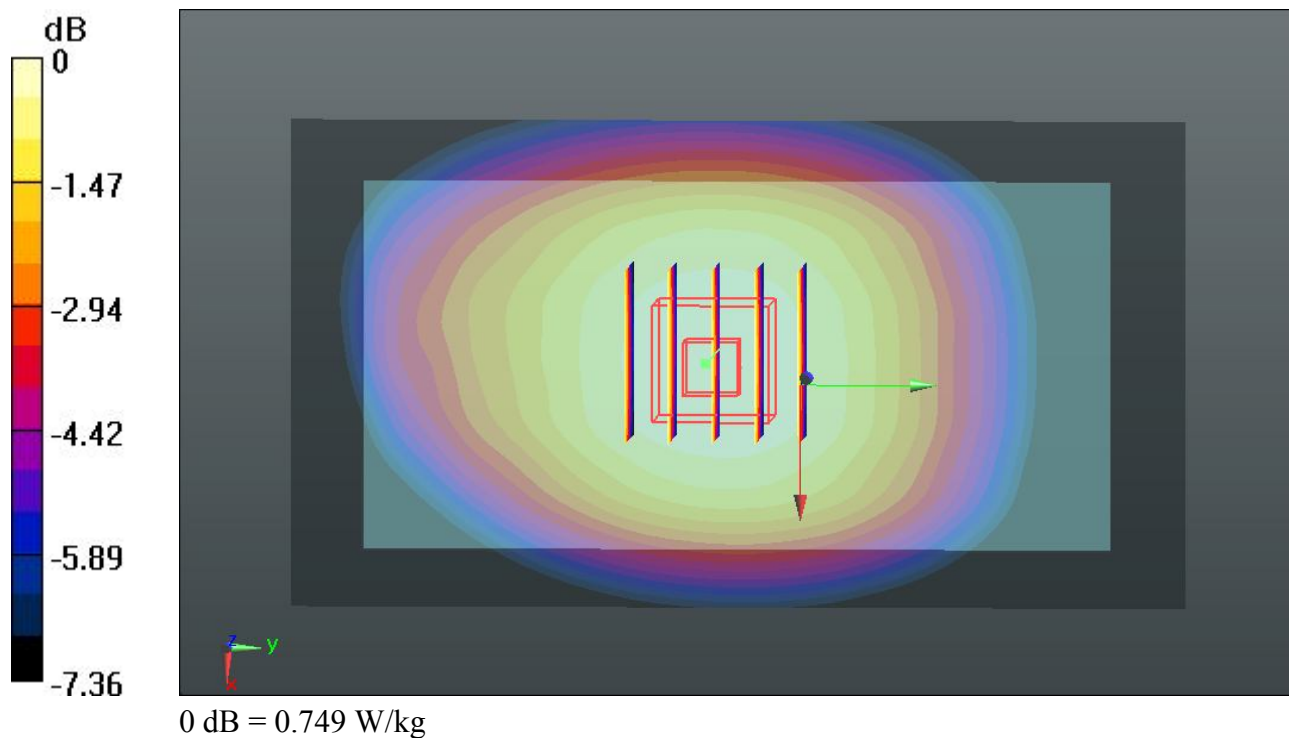
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.119 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.814 mW/g

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.515 mW/g

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



45 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4233**DUT: 350801**

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

Medium: MSL_835_130515 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch4233/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.824 W/kg

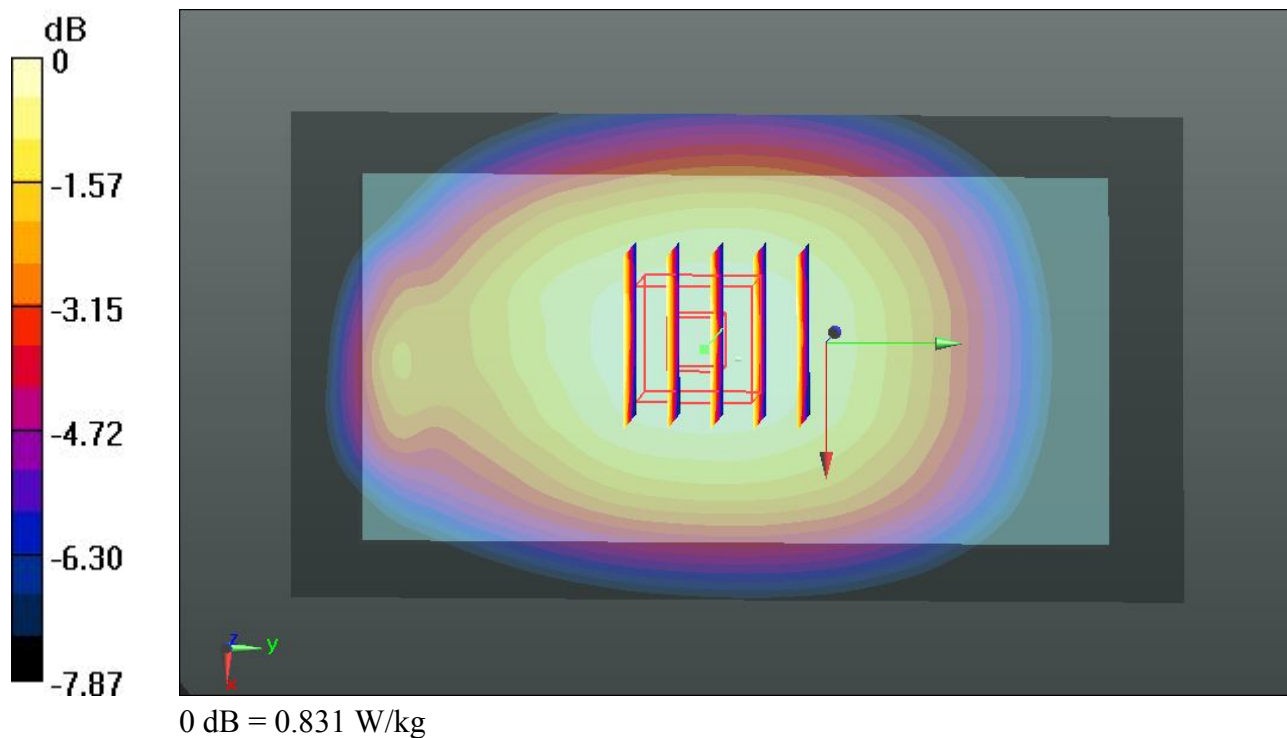
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.597 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.906 mW/g

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.565 mW/g

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



46 WCDMA Band V_RMC 12.2K_Left Side_1cm_Ch4233**DUT: 350801**

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

Medium: MSL_835_130515 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch4233/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

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

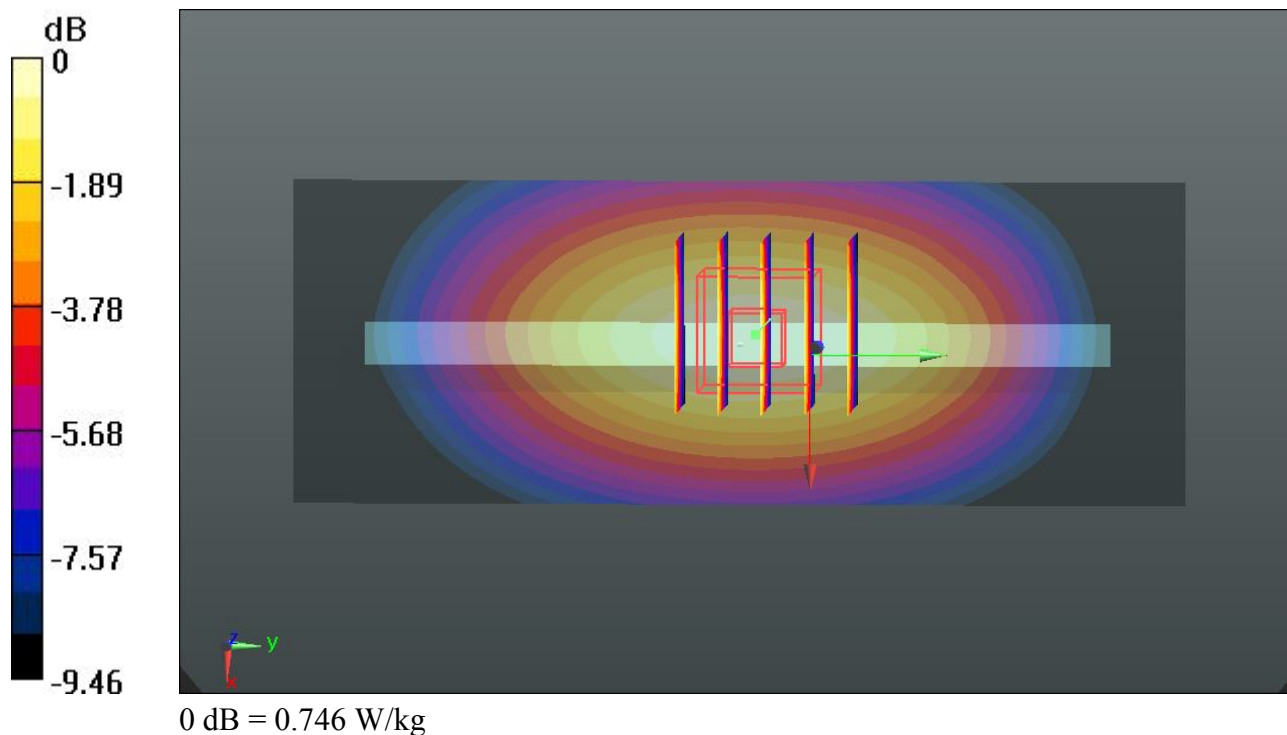
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.188 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.860 mW/g

SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.425 mW/g

Maximum value of SAR (measured) = 0.746 W/kg



47 WCDMA Band V_RMC 12.2K_Right Side_1cm_Ch4233**DUT: 350801**

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

Medium: MSL_835_130515 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch4233/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.799 W/kg

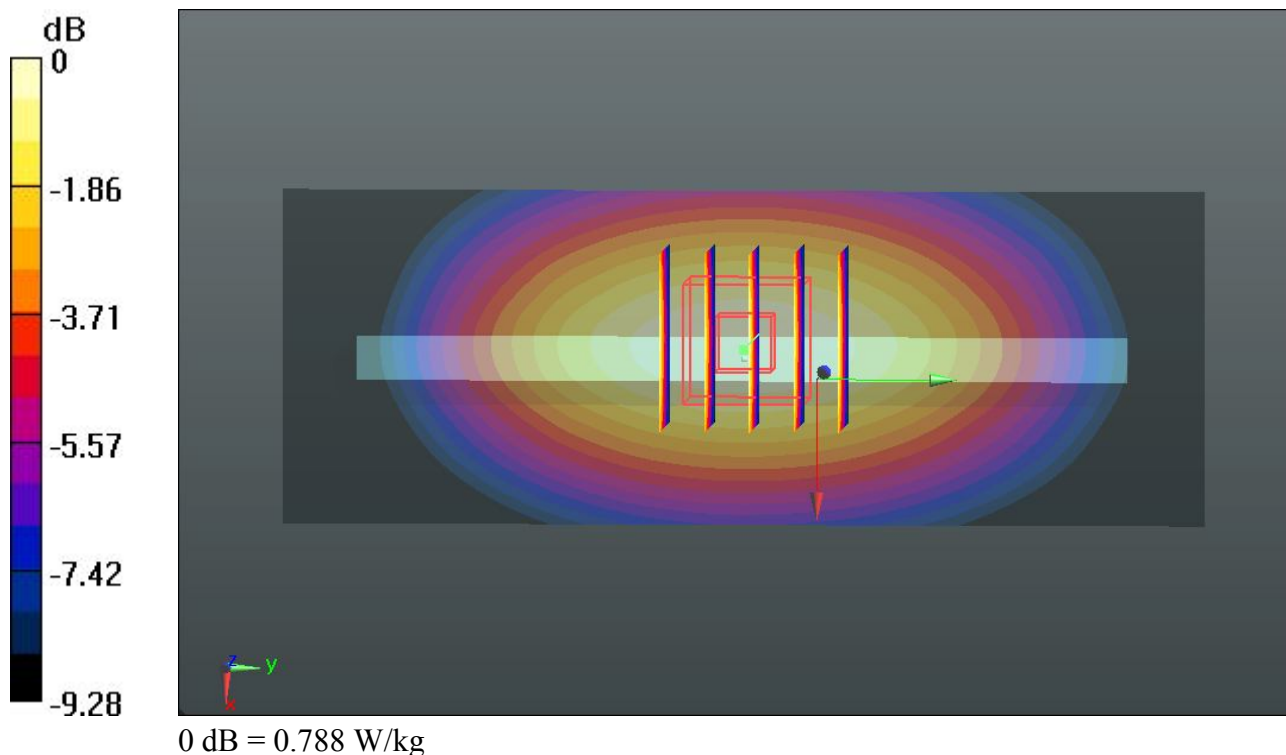
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.911 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.900 mW/g

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 0.788 W/kg



48 WCDMA Band V_RMC 12.2K_Bottom Side_1cm_Ch4233**DUT: 350801**

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

Medium: MSL_835_130515 Medium parameters used: $f = 847$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch4233/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

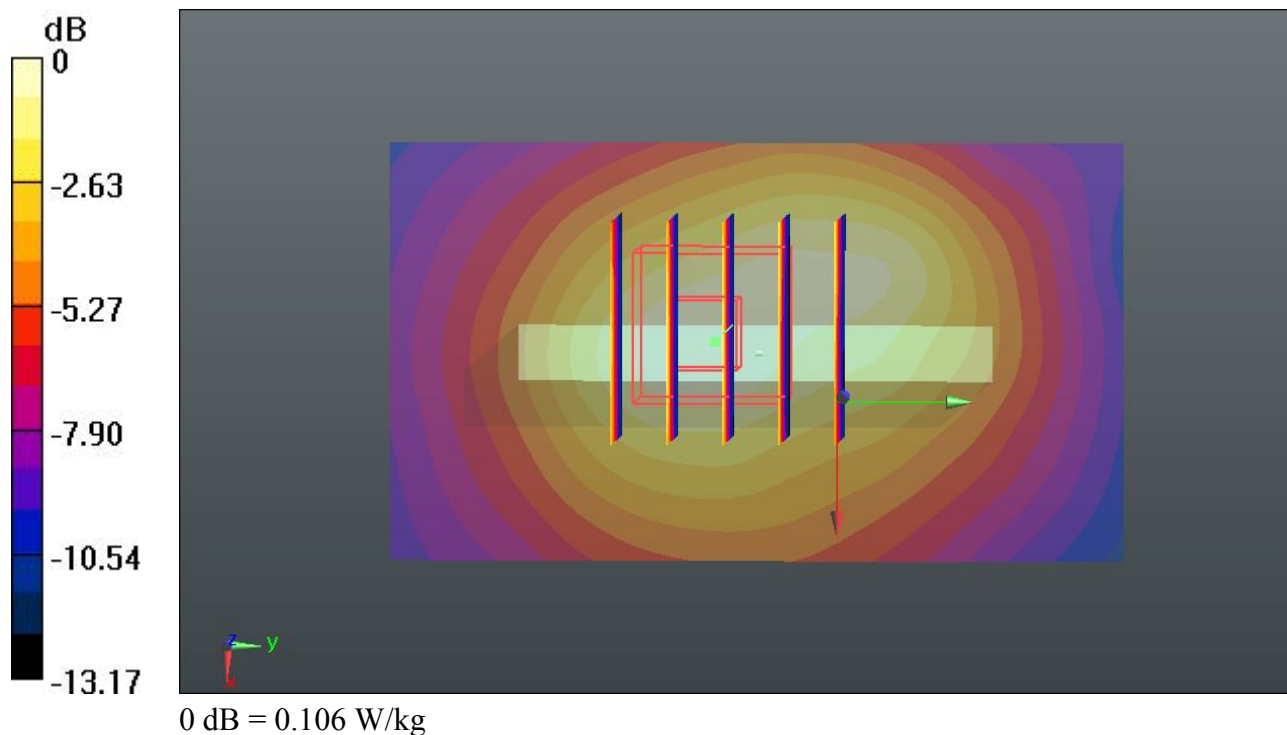
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.577 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.141 mW/g

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.106 W/kg



15 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r =$

53.584; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

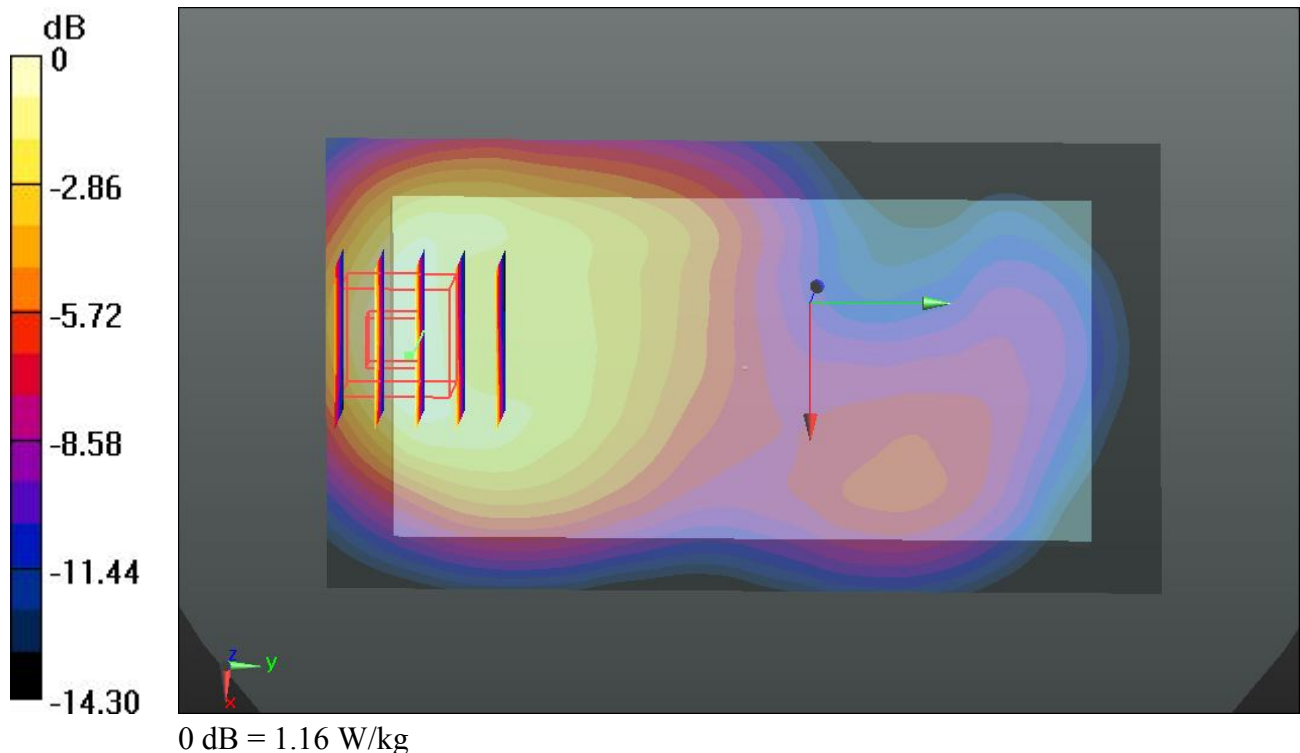
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.341 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.529 mW/g

SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.535 mW/g

Maximum value of SAR (measured) = 1.16 W/kg



16 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r =$

53.584; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9262/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

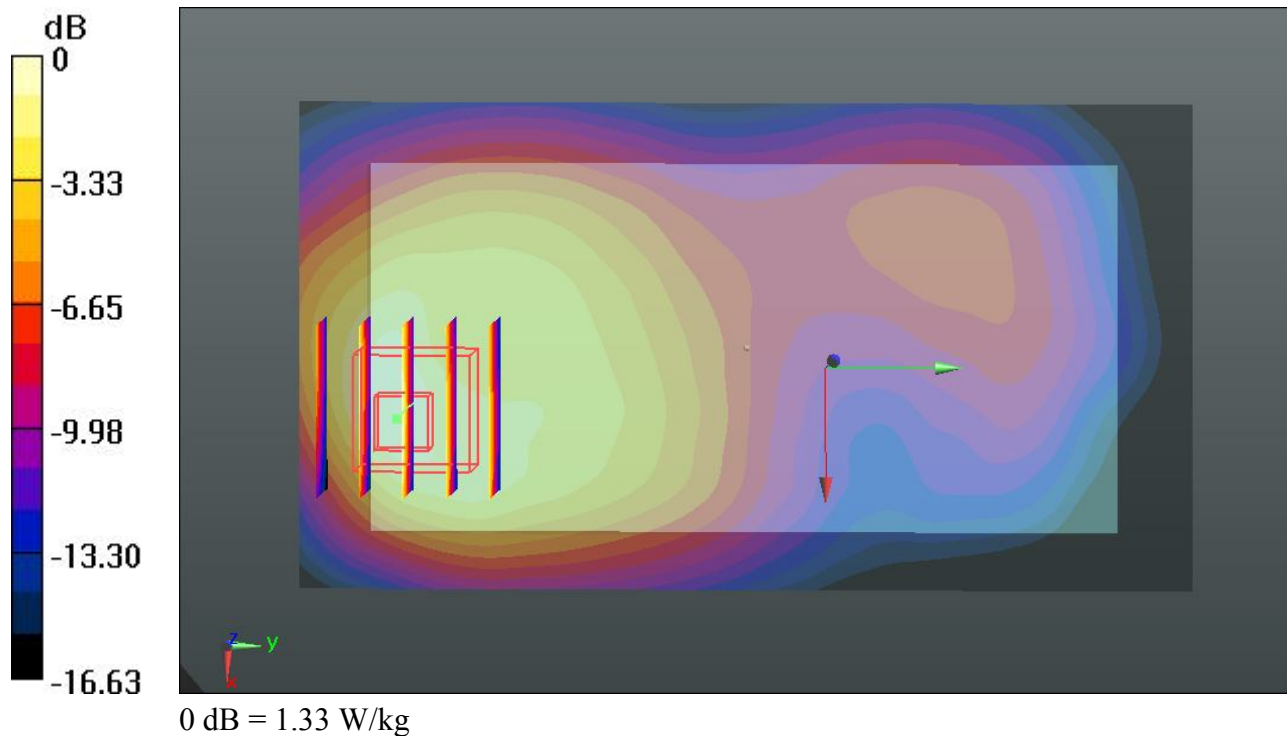
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.951 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.631 mW/g

SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 1.33 W/kg



17 WCDMA Band II_RMC 12.2K_Left Side_1cm_Ch9262**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r =$

53.584; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9262/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.364 W/kg

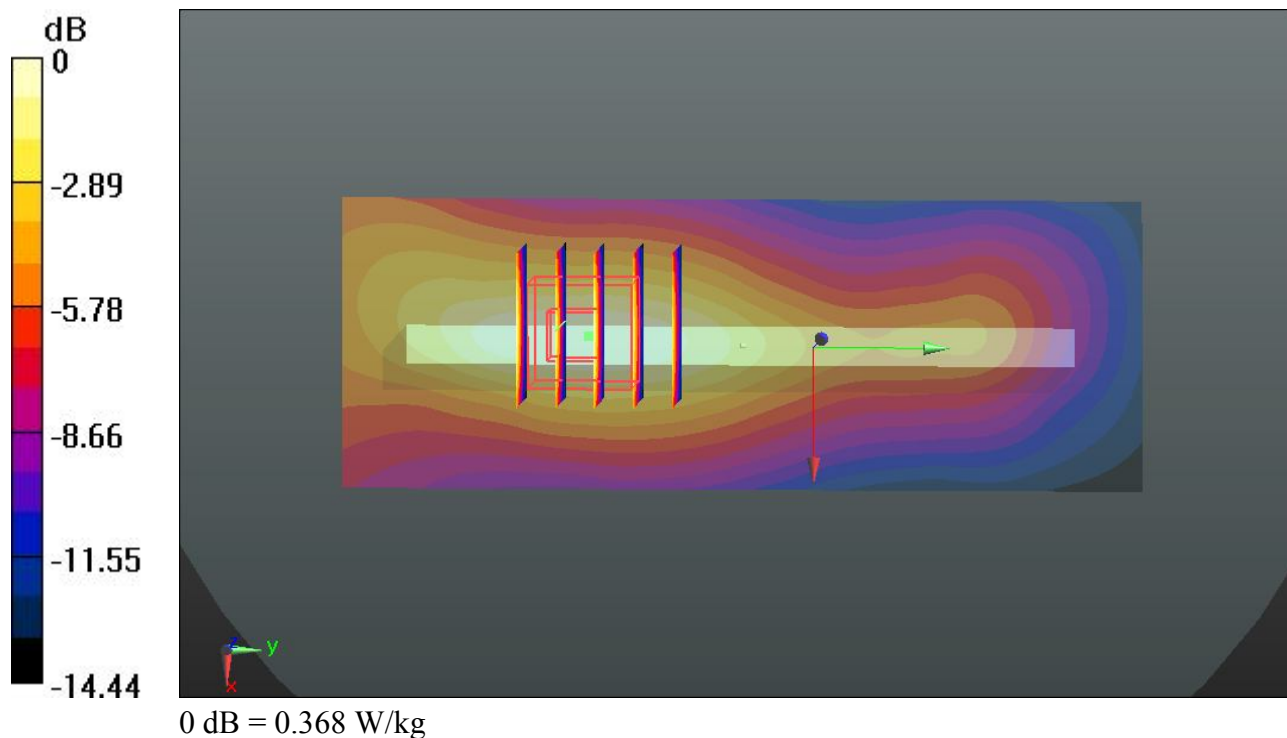
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.123 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.450 mW/g

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.368 W/kg



18 WCDMA Band II_RMC 12.2K_Right Side_1cm_Ch9262**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r =$

53.584; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9262/Area Scan (41x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 W/kg

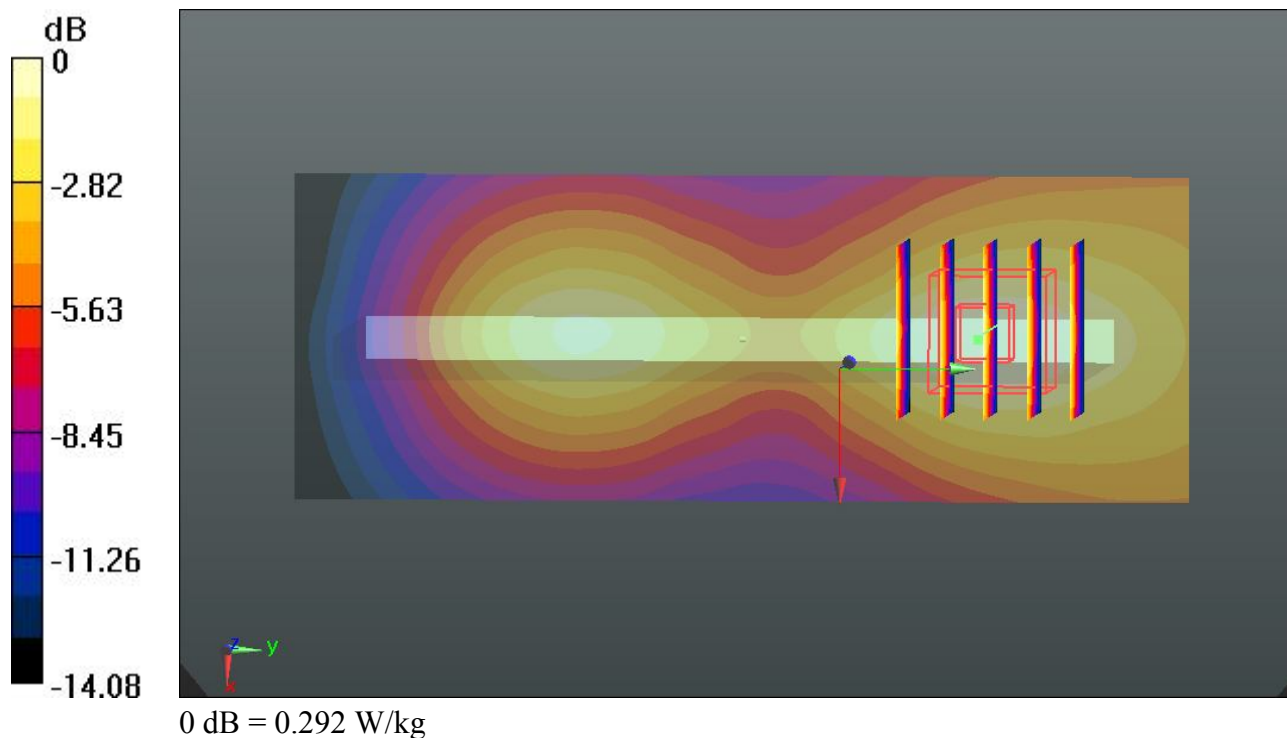
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.370 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.355 mW/g

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.133 mW/g

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



19 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9262**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r =$

53.584; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9262/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

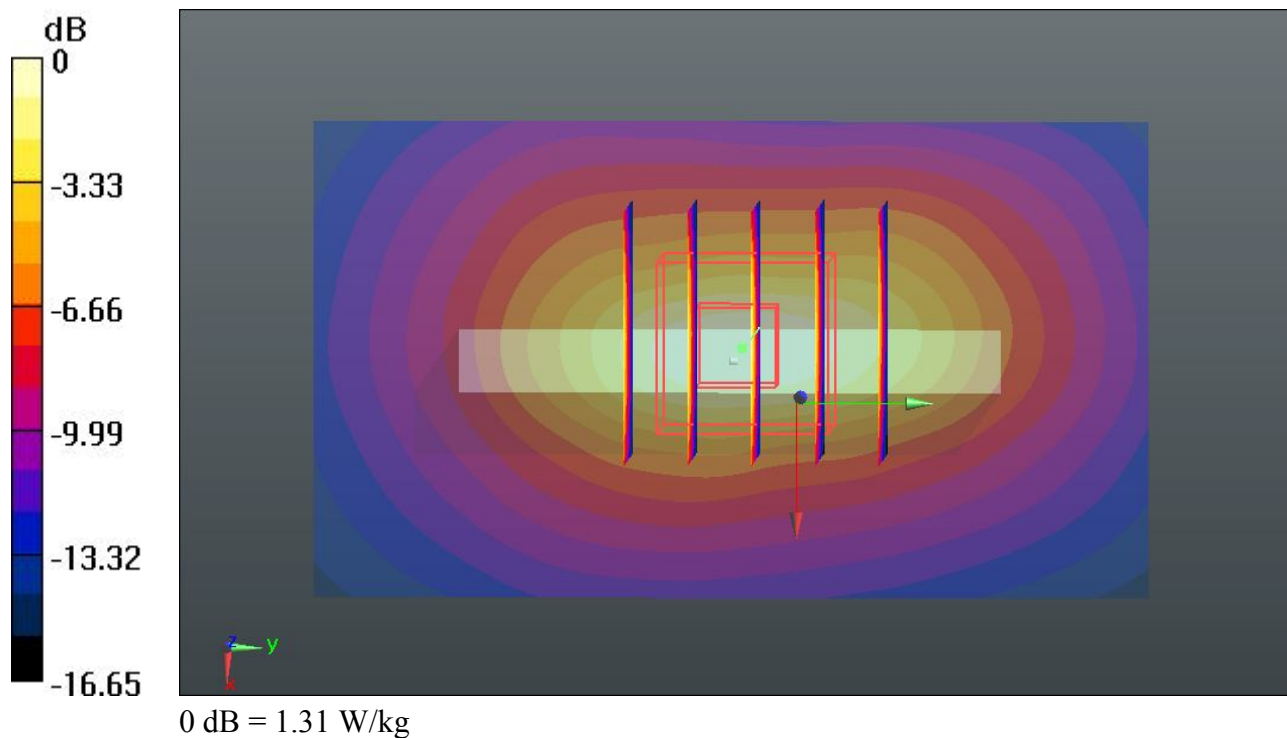
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.774 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.616 mW/g

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.497 mW/g

Maximum value of SAR (measured) = 1.31 W/kg



20 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$ 53.575; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9400/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

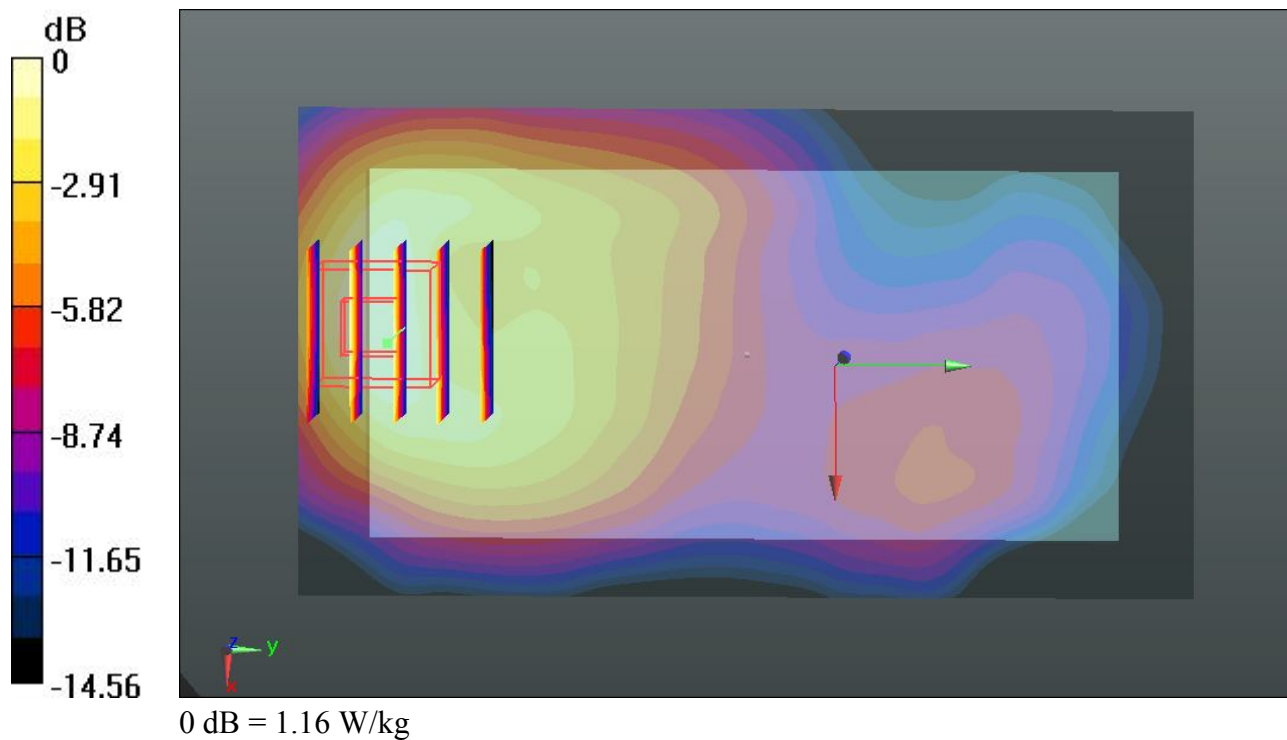
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.012 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.527 mW/g

SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.528 mW/g

Maximum value of SAR (measured) = 1.16 W/kg



21 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.556; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9538/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.16 W/kg

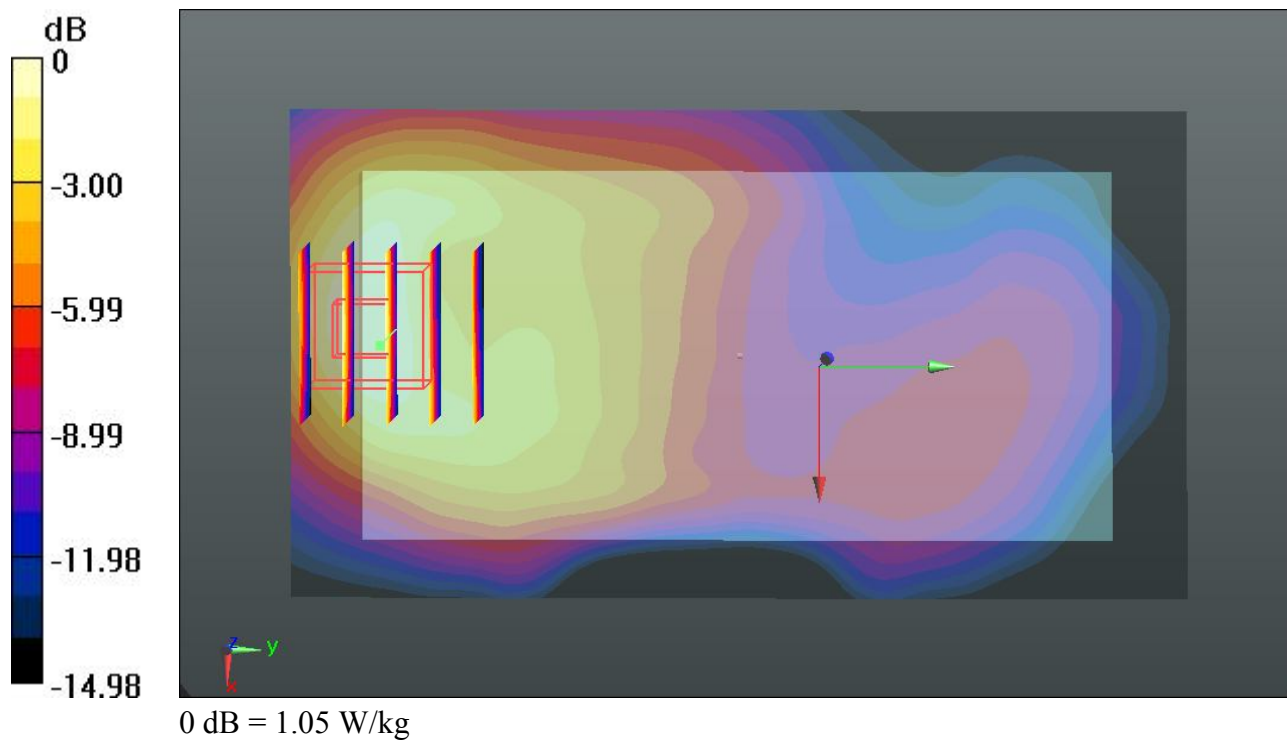
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.296 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.392 mW/g

SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



22 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9400/Area Scan (61x111x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

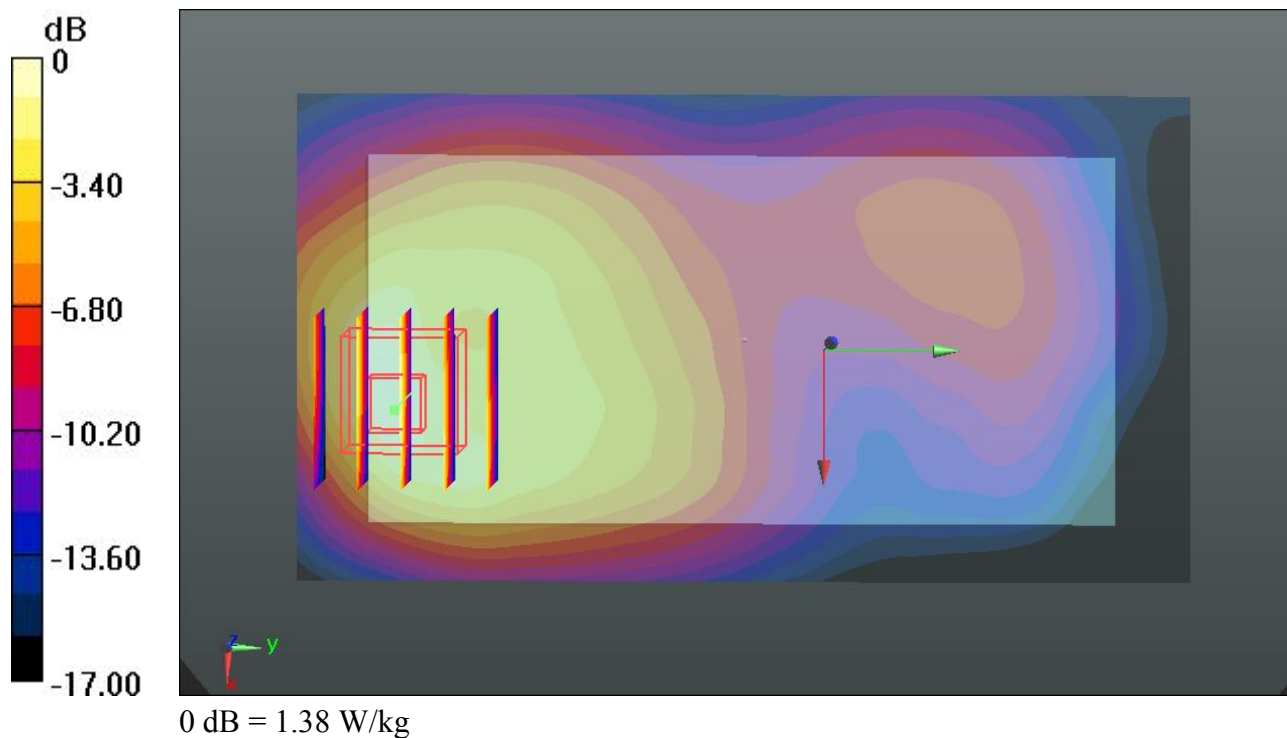
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.940 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.684 mW/g

SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.553 mW/g

Maximum value of SAR (measured) = 1.38 W/kg



23 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.556; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9538/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.41 W/kg

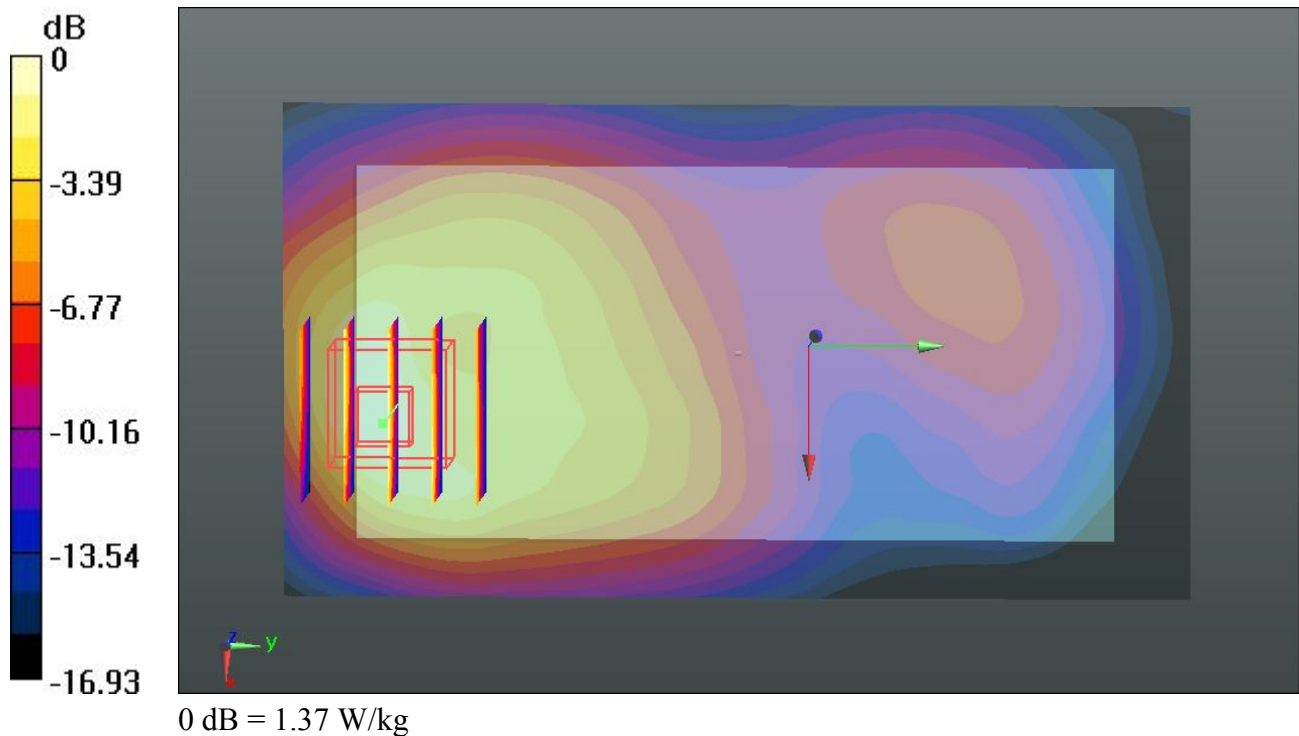
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.615 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.665 mW/g

SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.548 mW/g

Maximum value of SAR (measured) = 1.37 W/kg



24 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9400**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r =$

53.575; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9400/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.32 W/kg

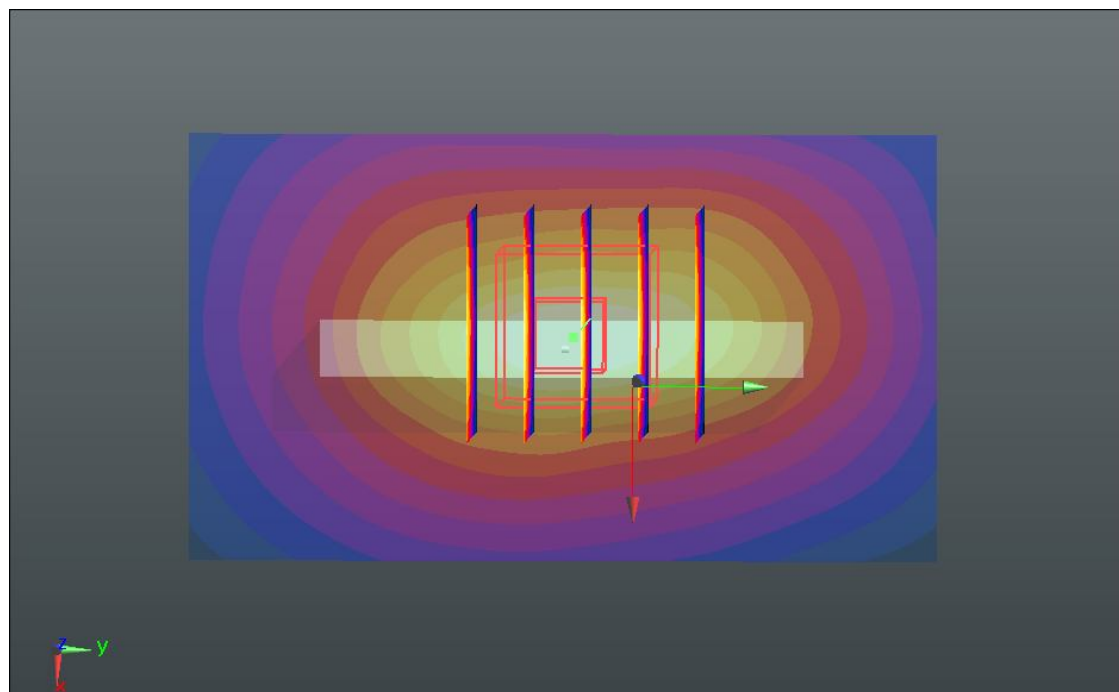
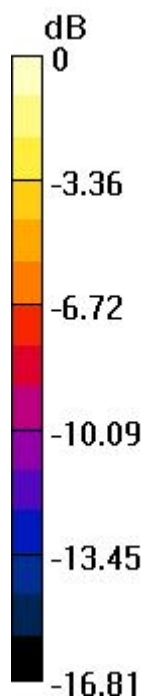
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.981 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.687 mW/g

SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.516 mW/g

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg

25 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9538**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.527$ mho/m; $\epsilon_r =$

53.556; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch9538/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

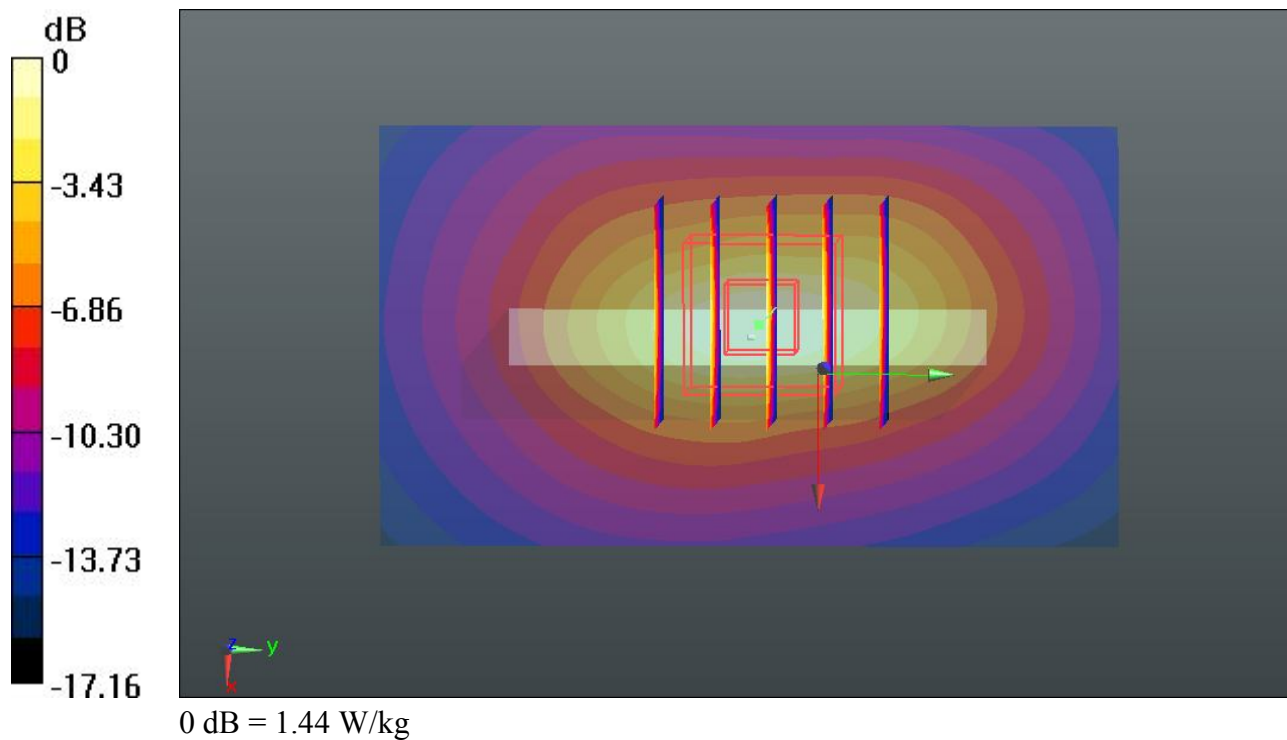
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.318 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.774 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.537 mW/g

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



69 WLAN2.4GHz Band_802.11b_Front_1cm_Ch1**DUT: 350801**

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

Medium: MSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 54.093$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); 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)

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

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

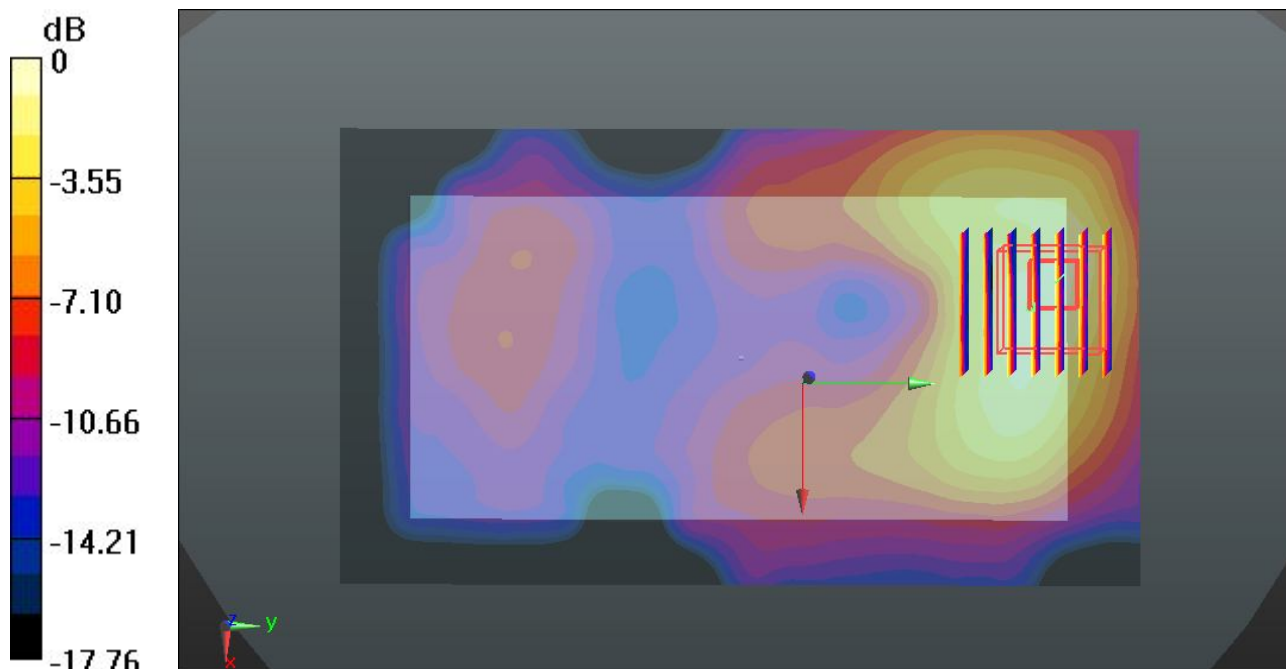
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.368 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.187 mW/g

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.052 mW/g

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



0 dB = 0.144 W/kg

70 WLAN2.4GHz Band_802.11b_Back_1cm_Ch1**DUT: 350801**

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

Medium: MSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 54.093$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); 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)

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

Maximum value of SAR (interpolated) = 0.107 W/kg

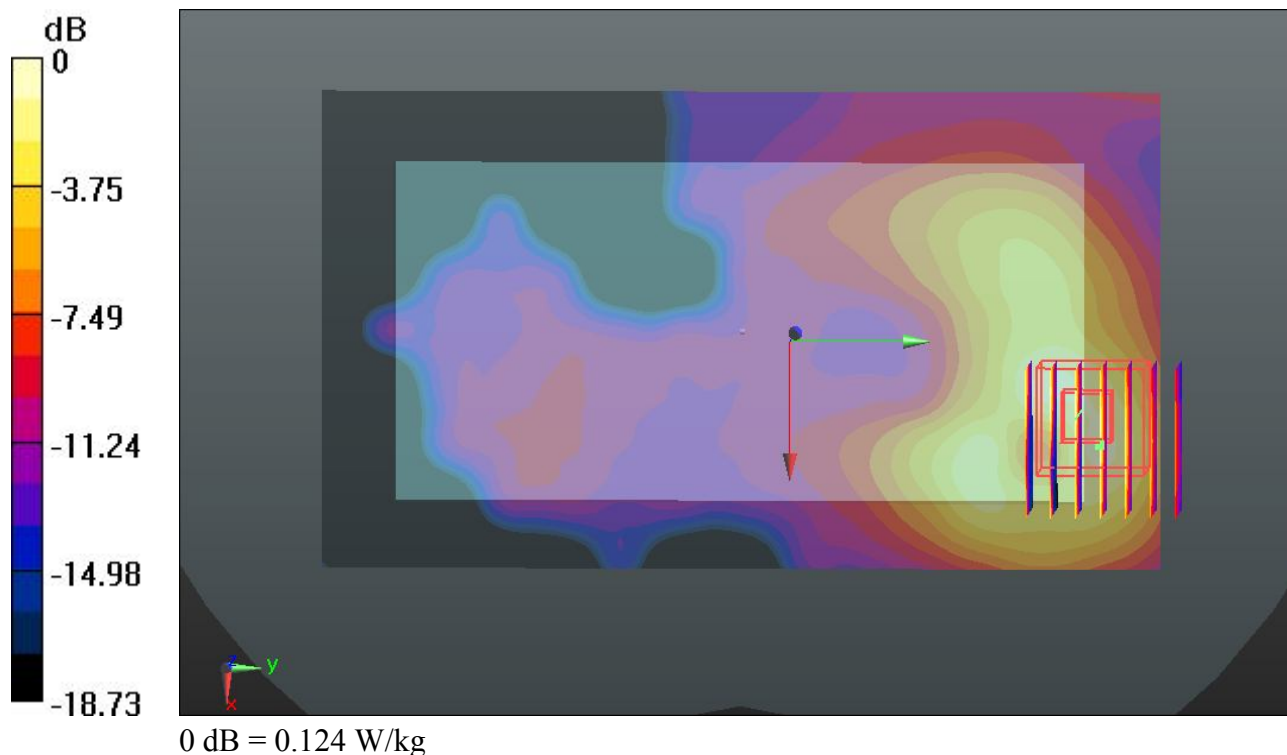
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.862 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.169 mW/g

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.039 mW/g

Maximum value of SAR (measured) = 0.124 W/kg



71 WLAN2.4G 802.11b_Left Side_1cm_Ch1**DUT: 350801**

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

Medium: MSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 54.093$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); 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)

Ch1/Area Scan (51x141x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0742 W/kg

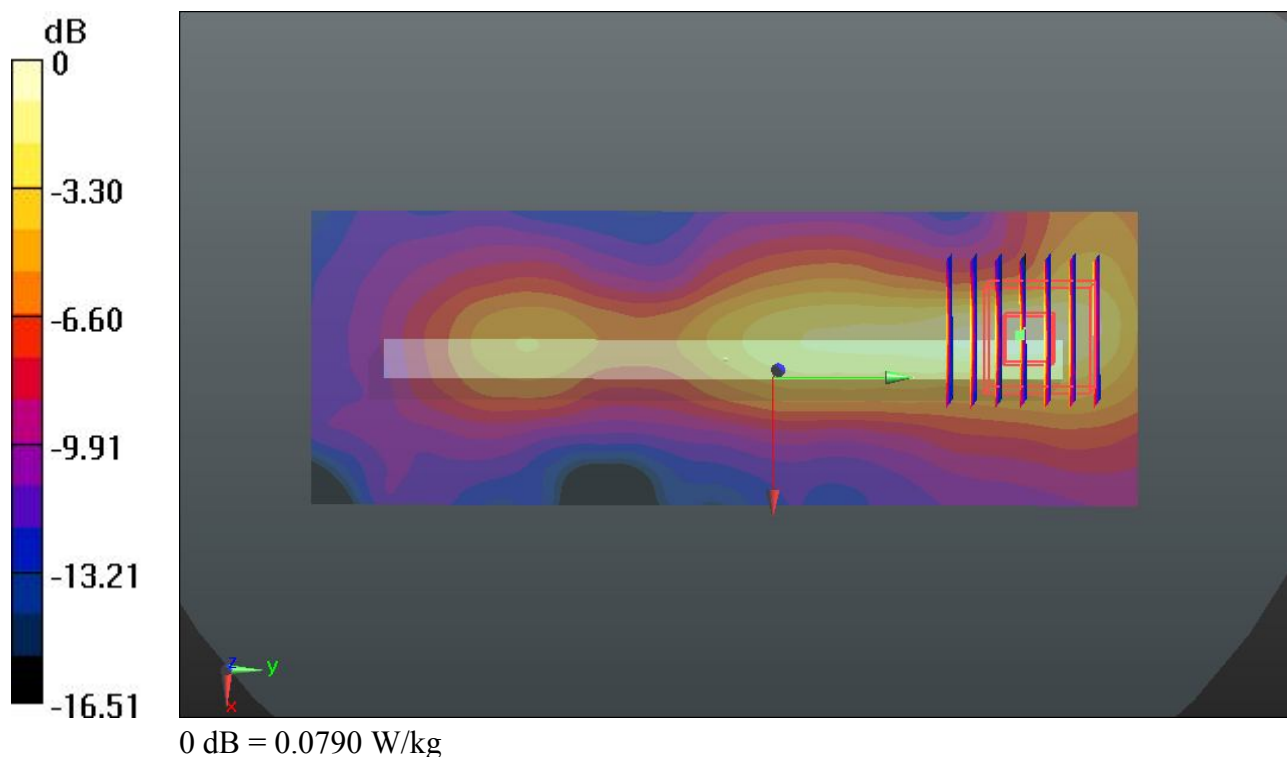
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.522 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.106 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.0790 W/kg



72 WLAN2.4GHz Band_802.11b_Top Side_1cm_Ch1**DUT: 350801**

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

Medium: MSL_2450_130521 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 54.093$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); 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)

Ch1/Area Scan (51x101x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.125 W/kg

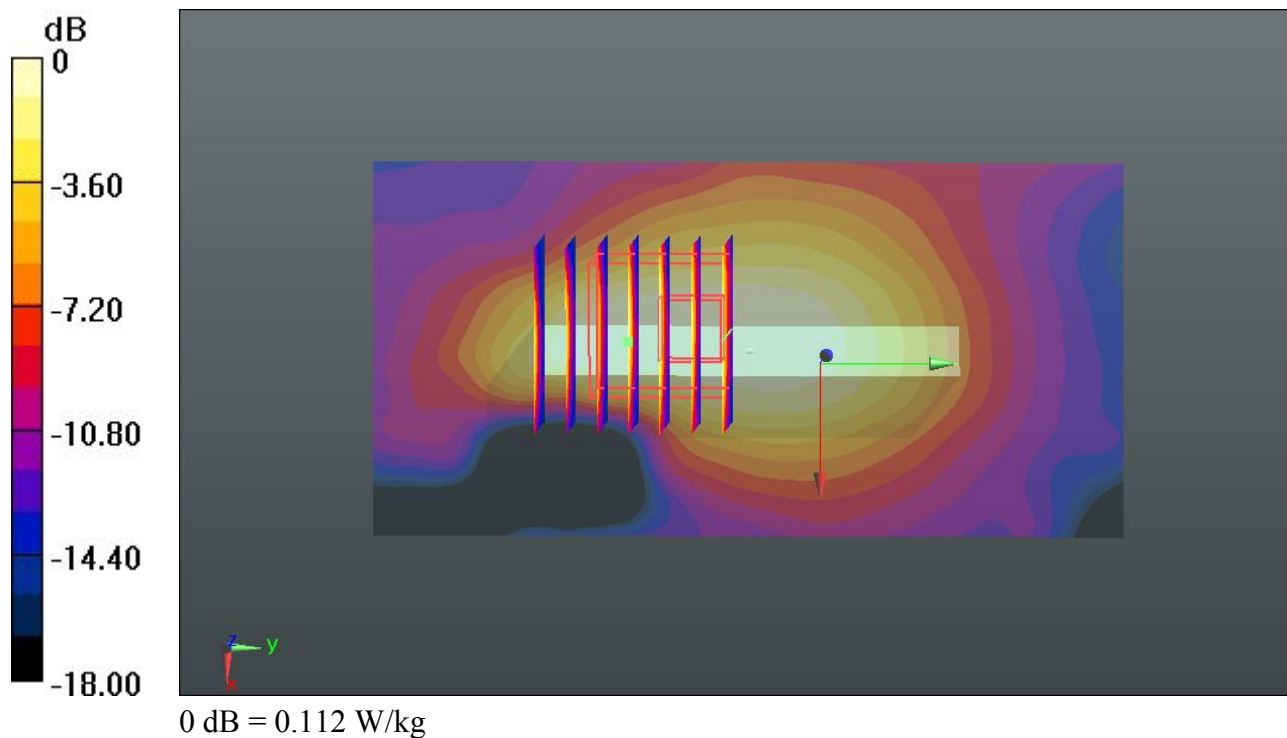
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.616 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.148 mW/g

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

Maximum value of SAR (measured) = 0.112 W/kg



39 GSM850_GSM Voice_Front_1cm_Ch189**DUT: 350801**

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.695 W/kg

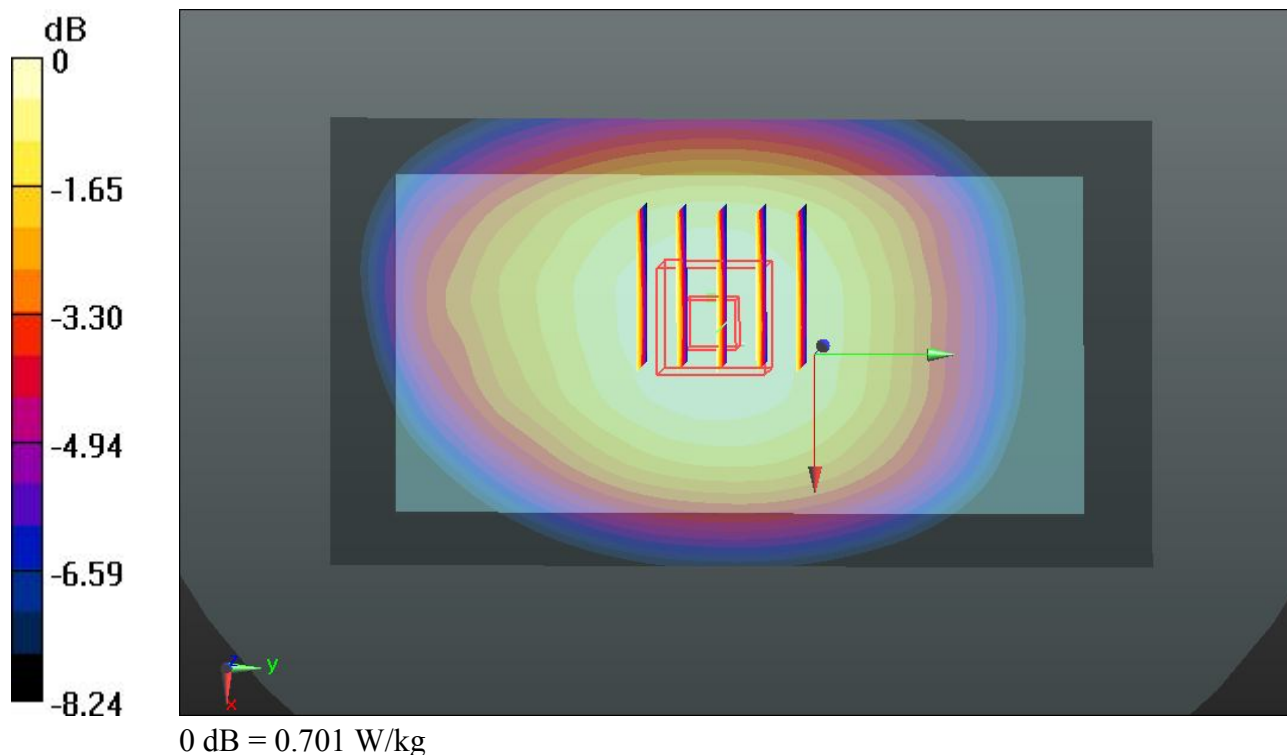
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.329 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.760 mW/g

SAR(1 g) = 0.619 mW/g; SAR(10 g) = 0.483 mW/g

Maximum value of SAR (measured) = 0.701 W/kg



40 GSM850_GSM Voice_Back_1cm_Ch189**DUT: 350801**

Communication System: Generic GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130515 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r =$

54.913; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch189/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.846 W/kg

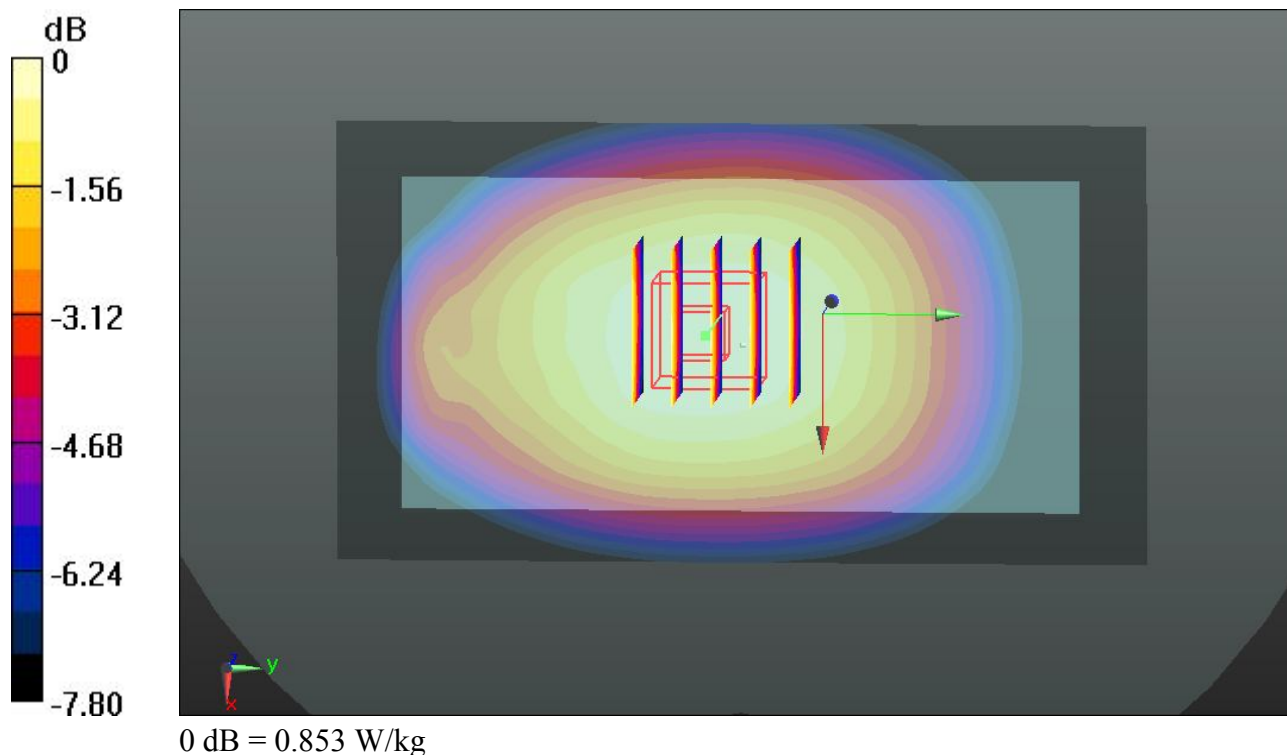
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

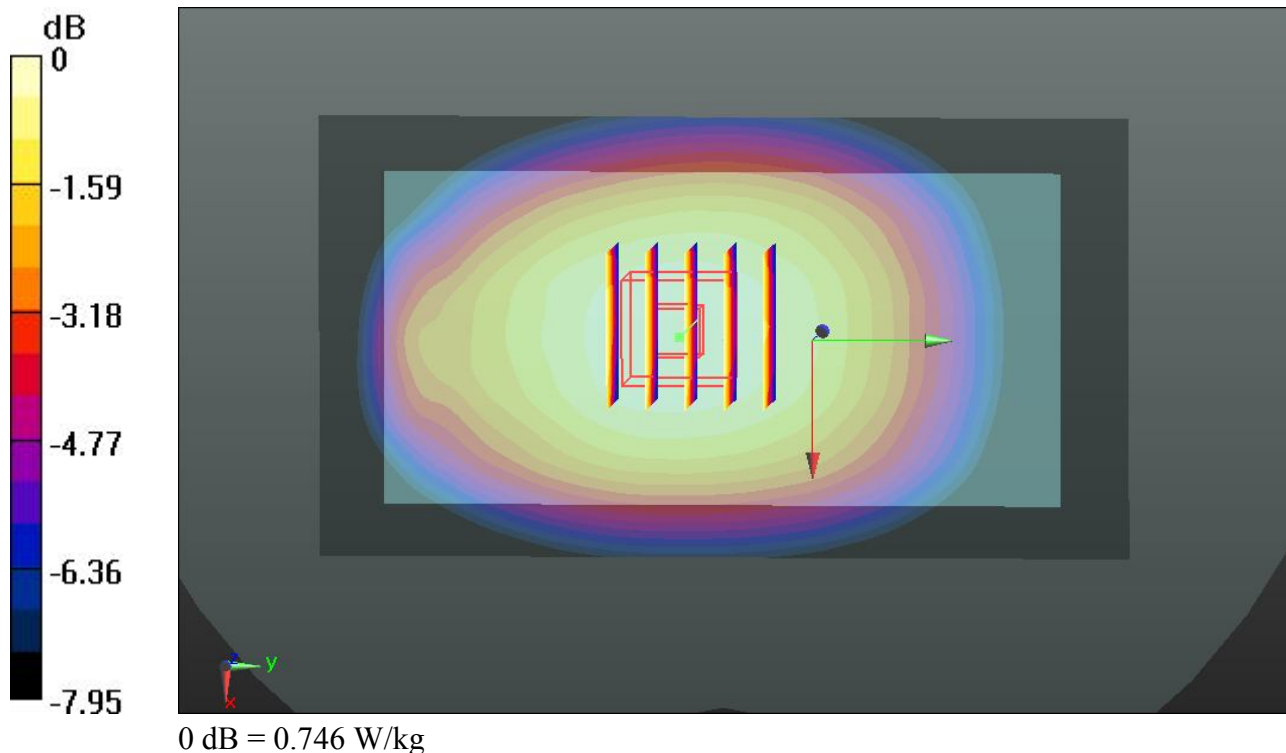
Reference Value = 30.266 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.926 mW/g

SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.583 mW/g

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





42 GSM850_GSM Voice_Back_1cm_Ch251**DUT: 350801**

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

Medium: MSL_835_130515 Medium parameters used: $f = 849$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 54.799$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); 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)

Ch251/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.910 W/kg

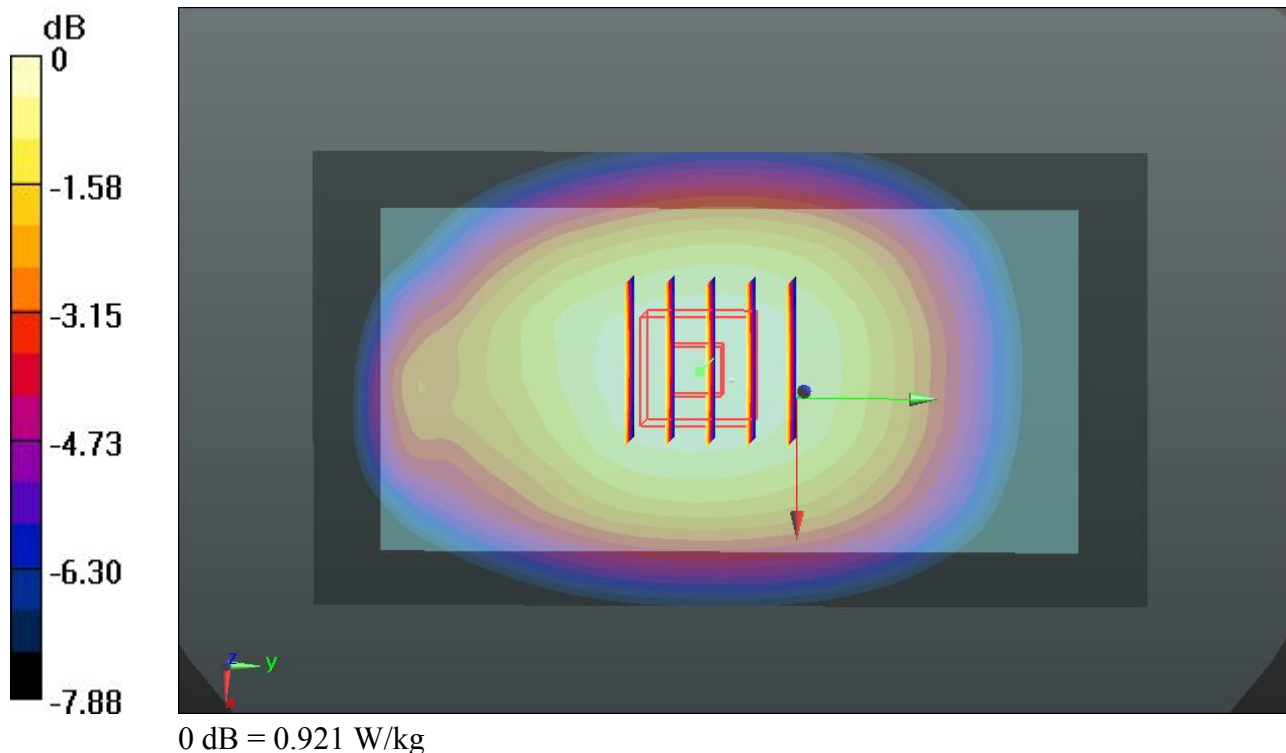
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.147 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.003 mW/g

SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.626 mW/g

Maximum value of SAR (measured) = 0.921 W/kg



12 GSM1900_GSM Voice_Front_1cm_Ch810**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.583 W/kg

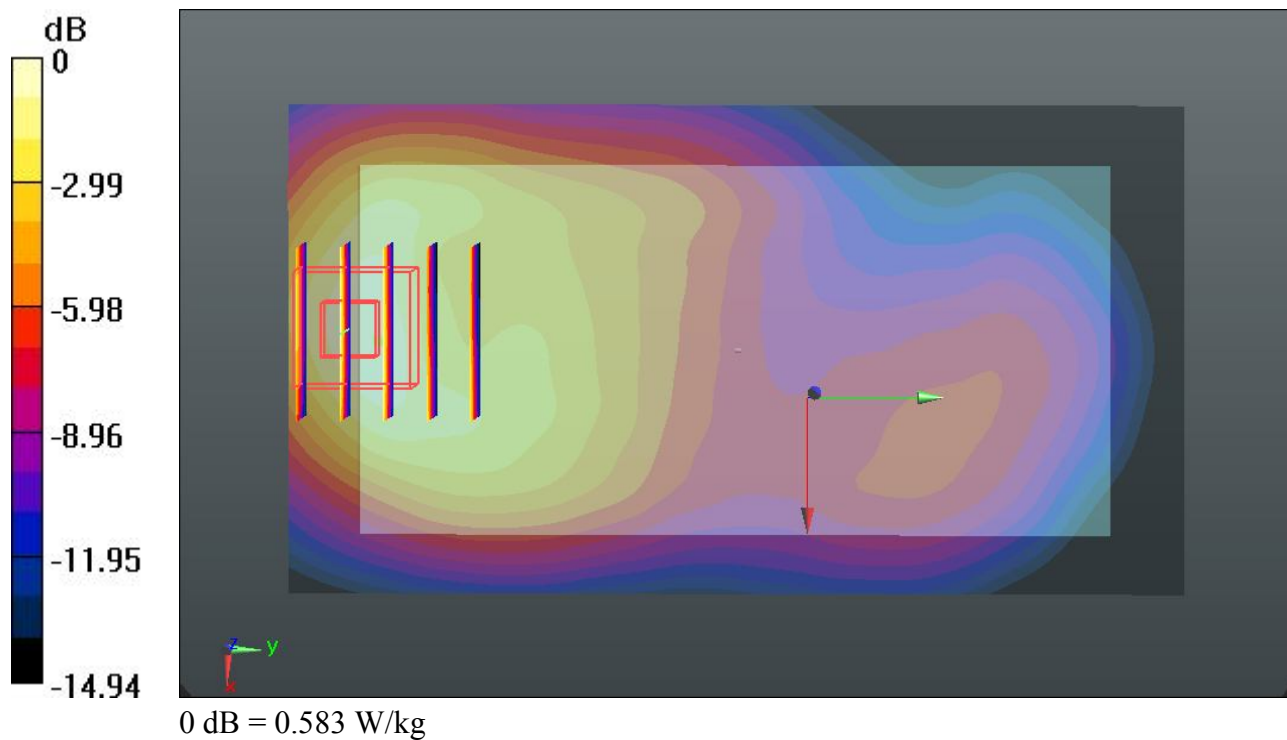
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.781 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.722 mW/g

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.583 W/kg



13 GSM1900_GSM Voice_Back_1cm_Ch810**DUT: 350801**

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

Medium: MSL_1900_130515 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r =$

53.552; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); 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)

Ch810/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.759 W/kg

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

Reference Value = 23.015 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.961 mW/g

SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.313 mW/g

Maximum value of SAR (measured) = 0.789 W/kg

