



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#56 GSM850_GSM Voice_Right Cheek_Ch251**DUT: 332604**

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

Medium: HSL_835_130409 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.133$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.318 W/kg

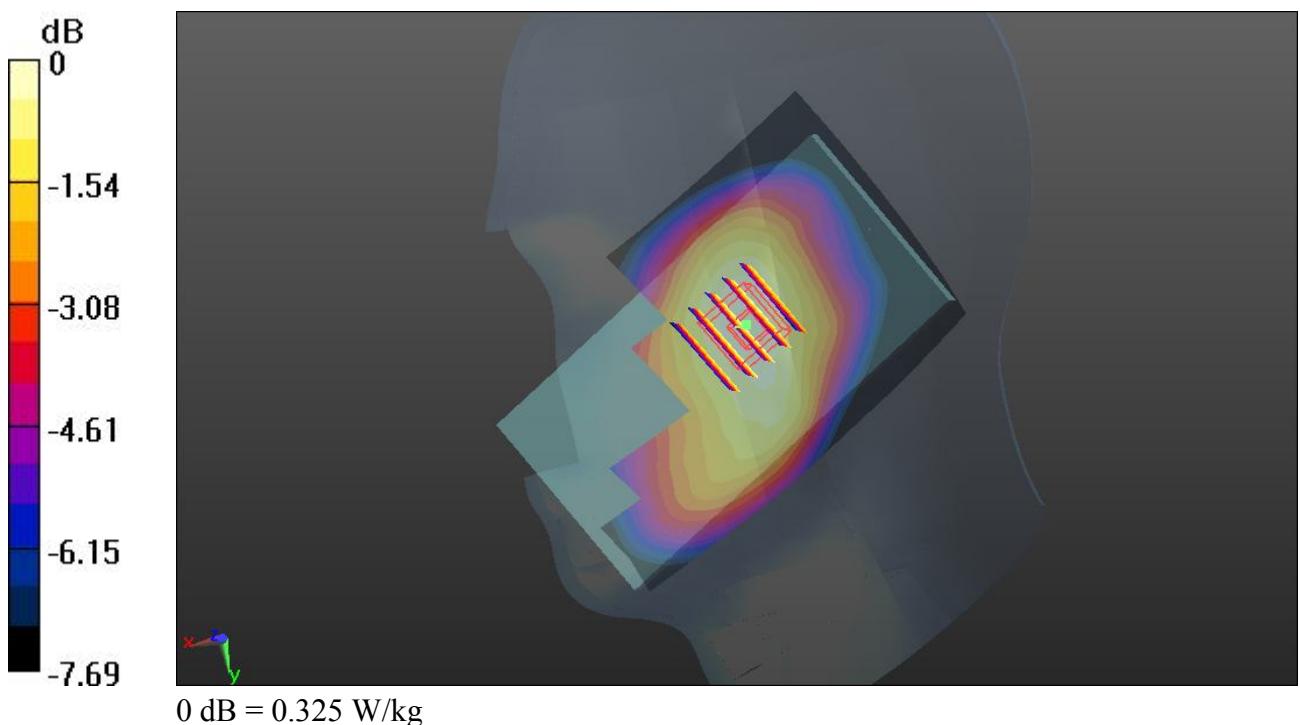
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.022 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.325 W/kg



#57 GSM850_GSM Voice_Right Tilted_Ch251**DUT: 332604**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: HSL_835_130409 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.133$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.229 W/kg

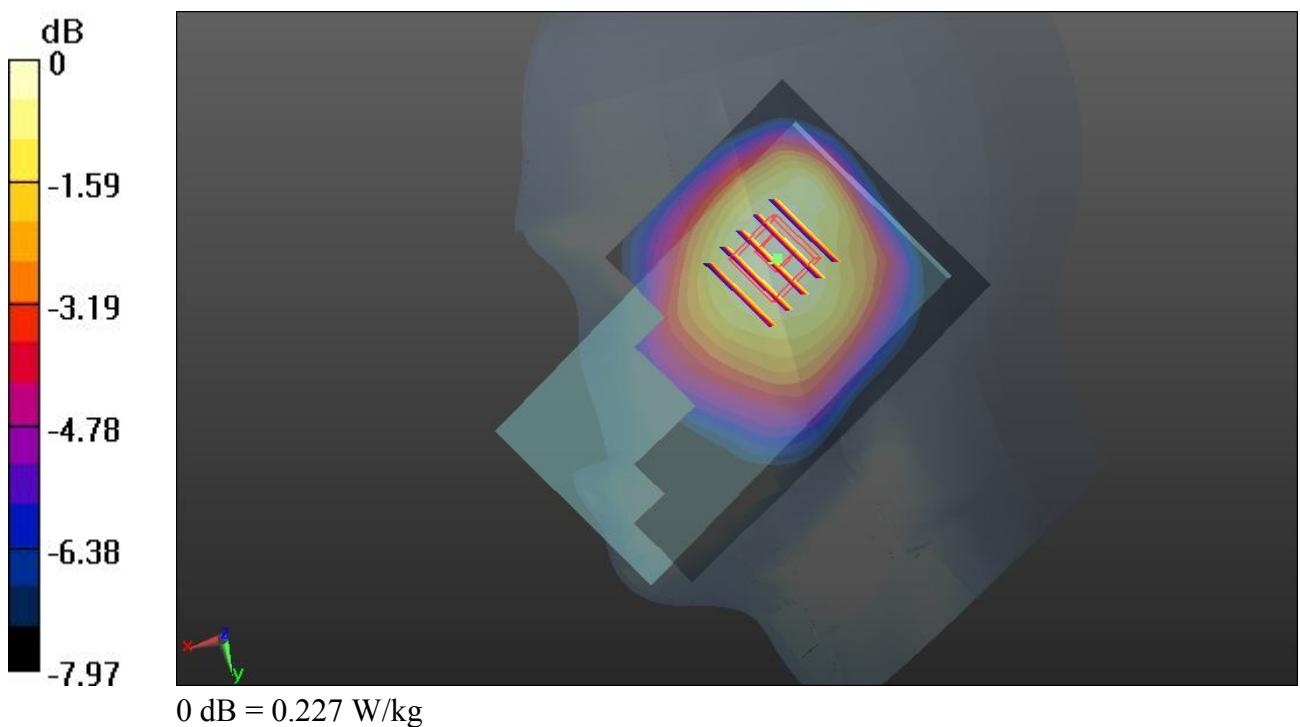
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.936 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.251 mW/g

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.227 W/kg



#58 GSM850_GSM Voice_Left Cheek_Ch251**DUT: 332604**

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

Medium: HSL_835_130409 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.133$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.349 W/kg

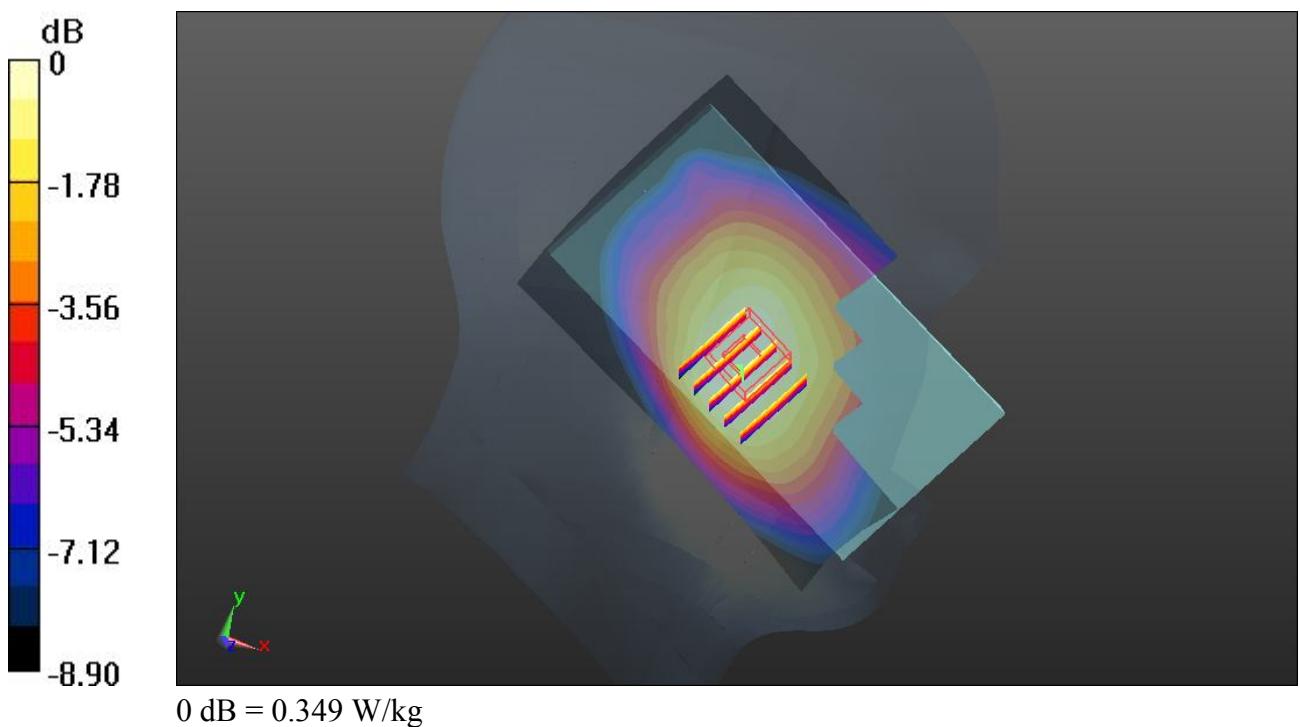
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.939 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.382 mW/g

SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.349 W/kg



#59 GSM850_GSM Voice_Left Tilted_Ch251**DUT: 332604**

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

Medium: HSL_835_130409 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.133$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.199 W/kg

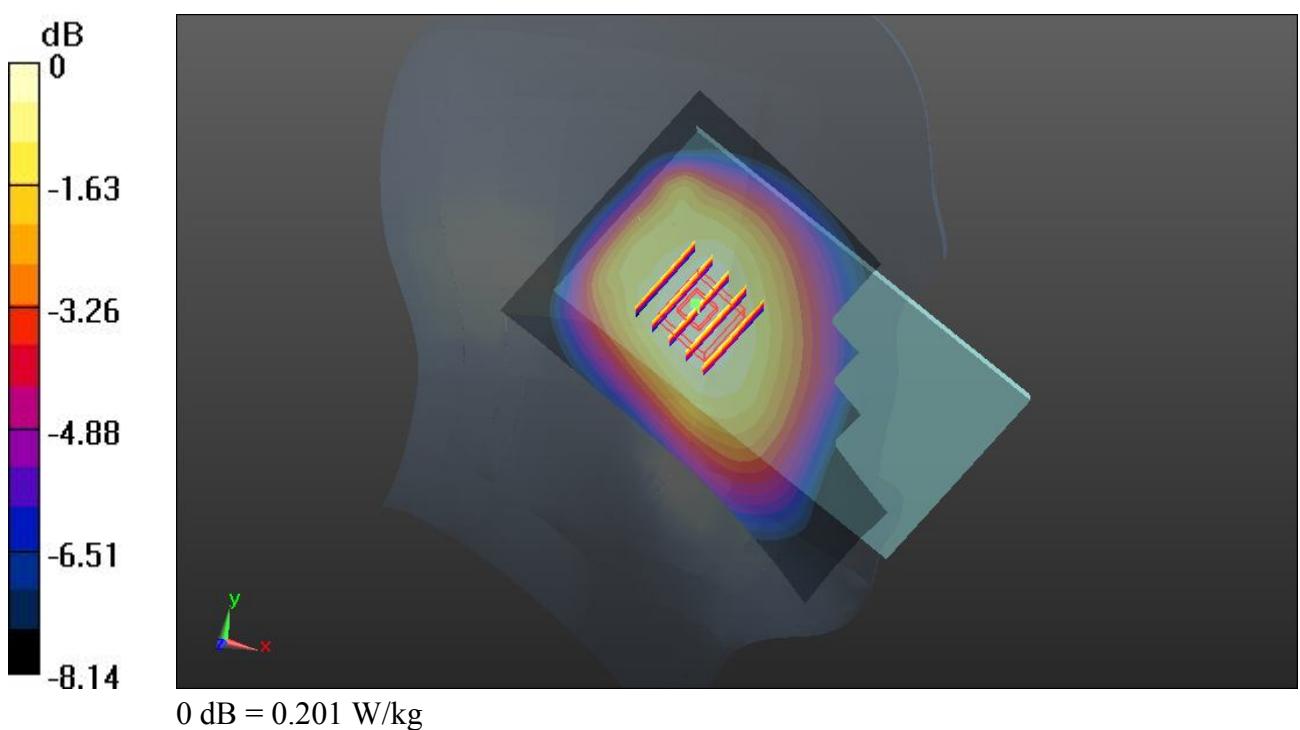
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.988 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.220 mW/g

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

Maximum value of SAR (measured) = 0.201 W/kg



#52 GSM1900_GSM Voice_Right Cheek_Ch810**DUT: 332604**

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

Medium: HSL_1900_130409 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.455 \text{ mho/m}$; $\epsilon_r = 39.645$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.227 W/kg

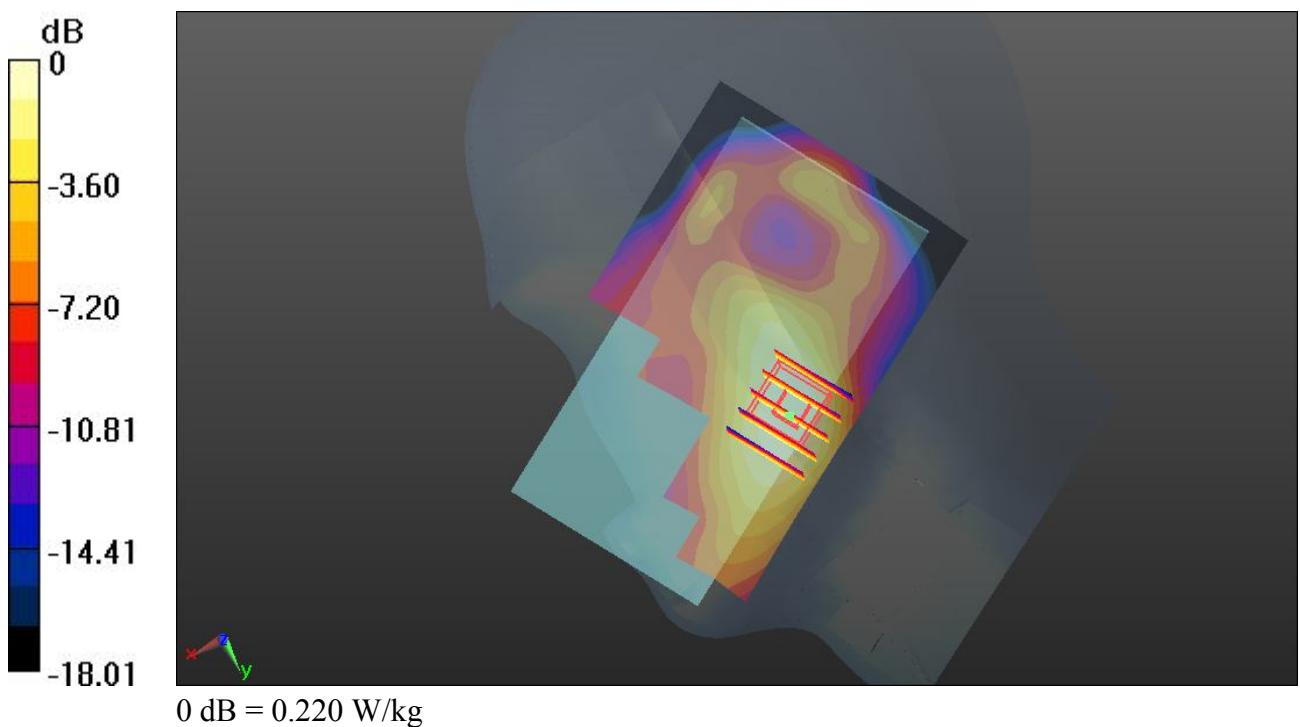
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.599 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.259 mW/g

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.220 W/kg



#53 GSM1900_GSM Voice_Right Tilted_Ch810**DUT: 332604**

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

Medium: HSL_1900_130409 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.455 \text{ mho/m}$; $\epsilon_r = 39.645$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.157 W/kg

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

Reference Value = 8.655 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.129 mW/g

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

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

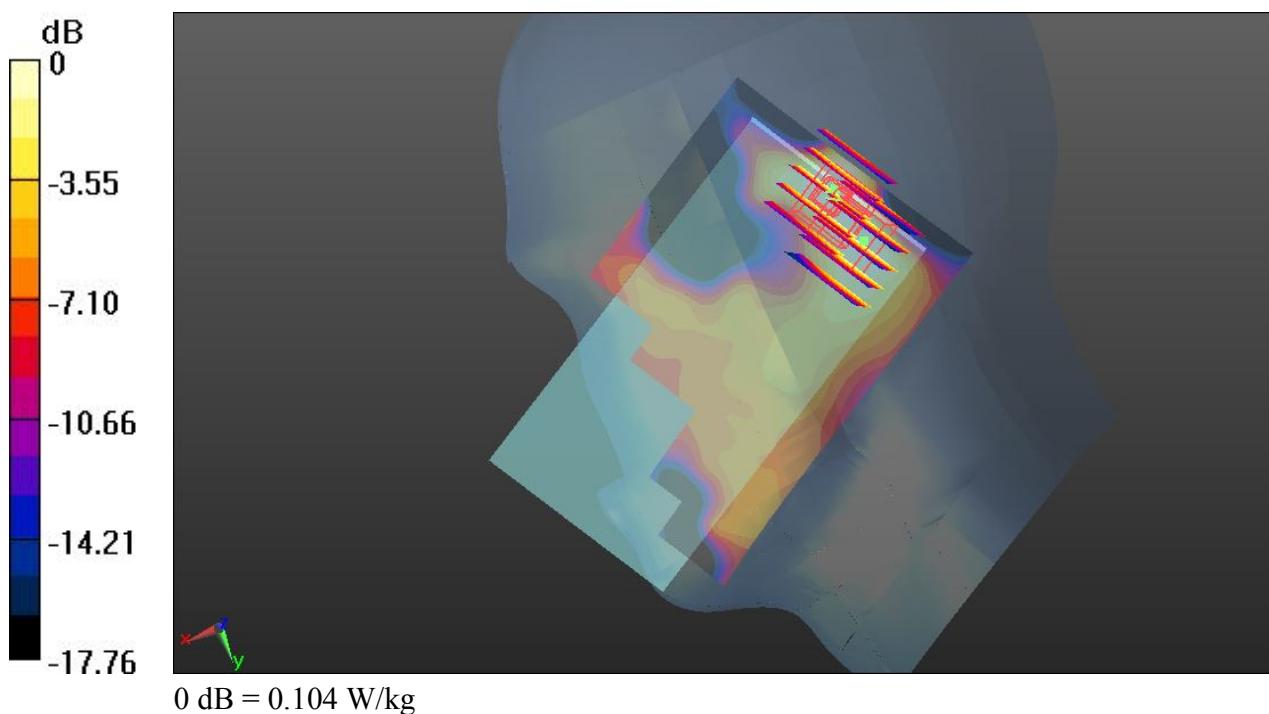
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.655 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.125 mW/g

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.104 W/kg



#54 GSM1900_GSM Voice_Left Cheek_Ch810**DUT: 332604**

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

Medium: HSL_1900_130409 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.455 \text{ mho/m}$; $\epsilon_r = 39.645$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.135 W/kg

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

Reference Value = 9.869 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.160 mW/g

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.138 W/kg

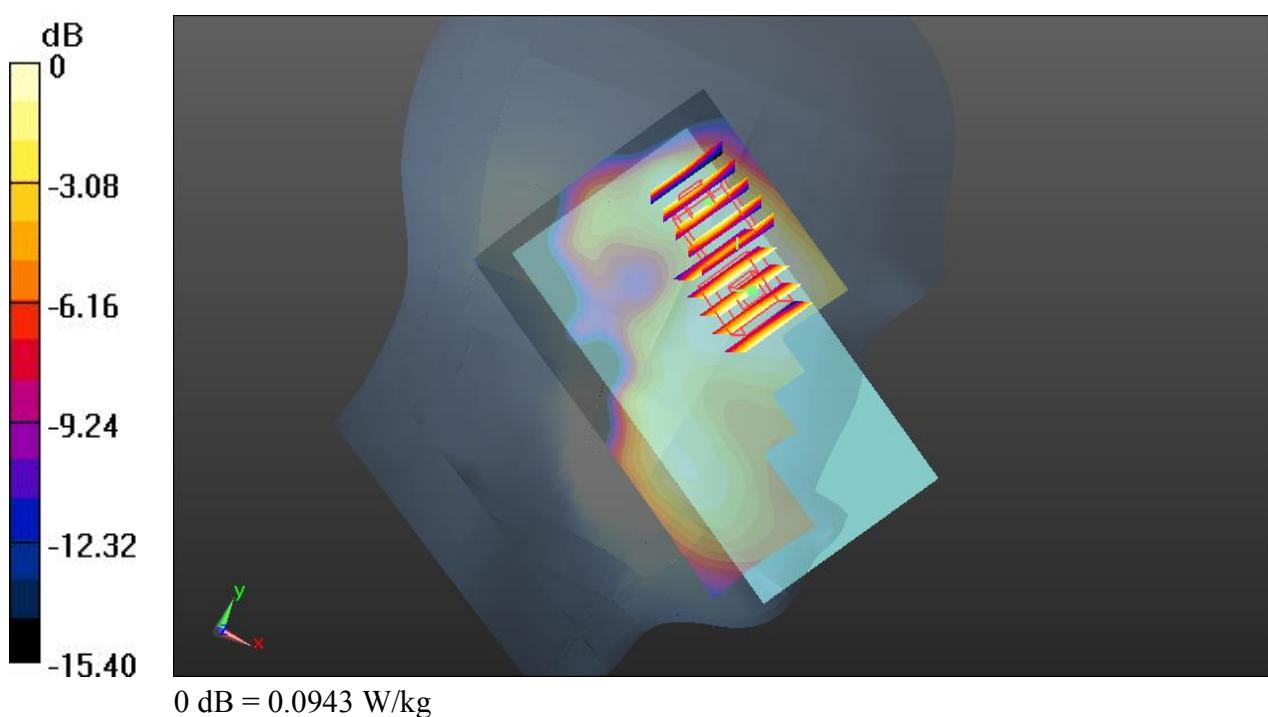
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.869 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.113 mW/g

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.0943 W/kg



#55 GSM1900_GSM Voice_Left Tilted_Ch810**DUT: 332604**

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

Medium: HSL_1900_130409 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.455 \text{ mho/m}$; $\epsilon_r = 39.645$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.257 W/kg

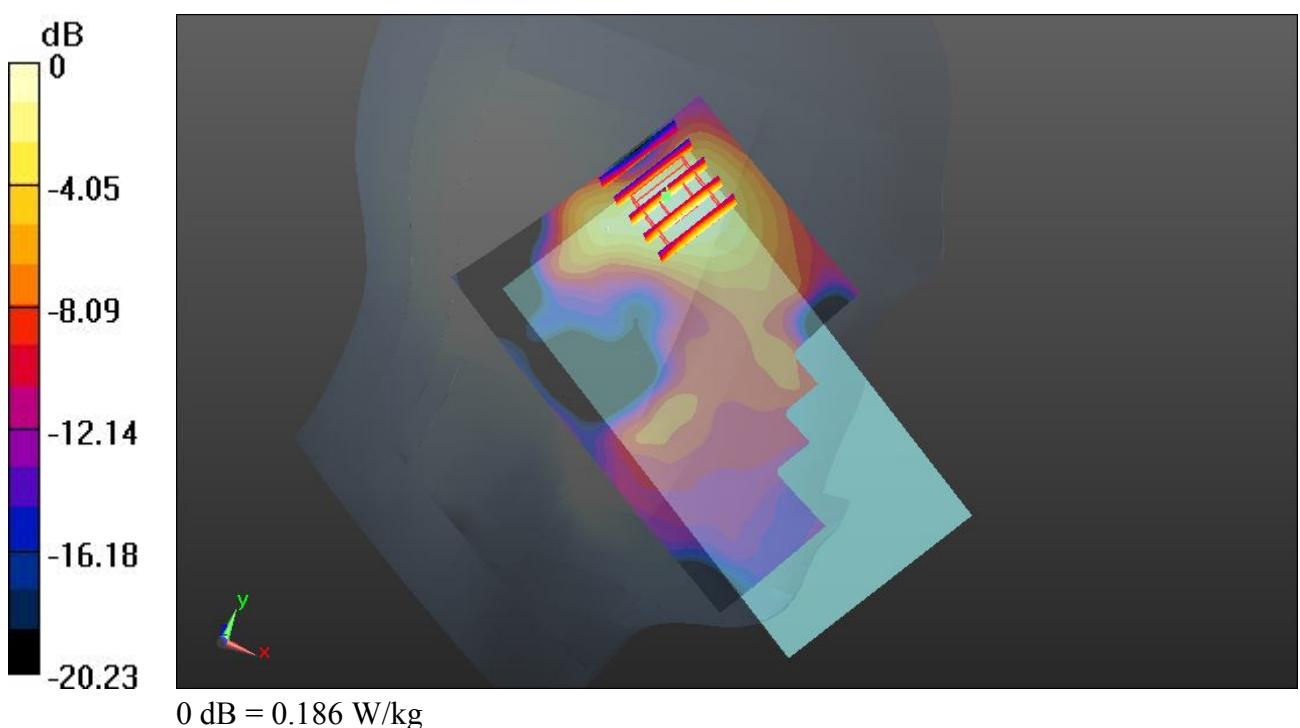
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.458 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.227 mW/g

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.186 W/kg



#60 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182**DUT: 332604**

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.281$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(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)

Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.296 W/kg

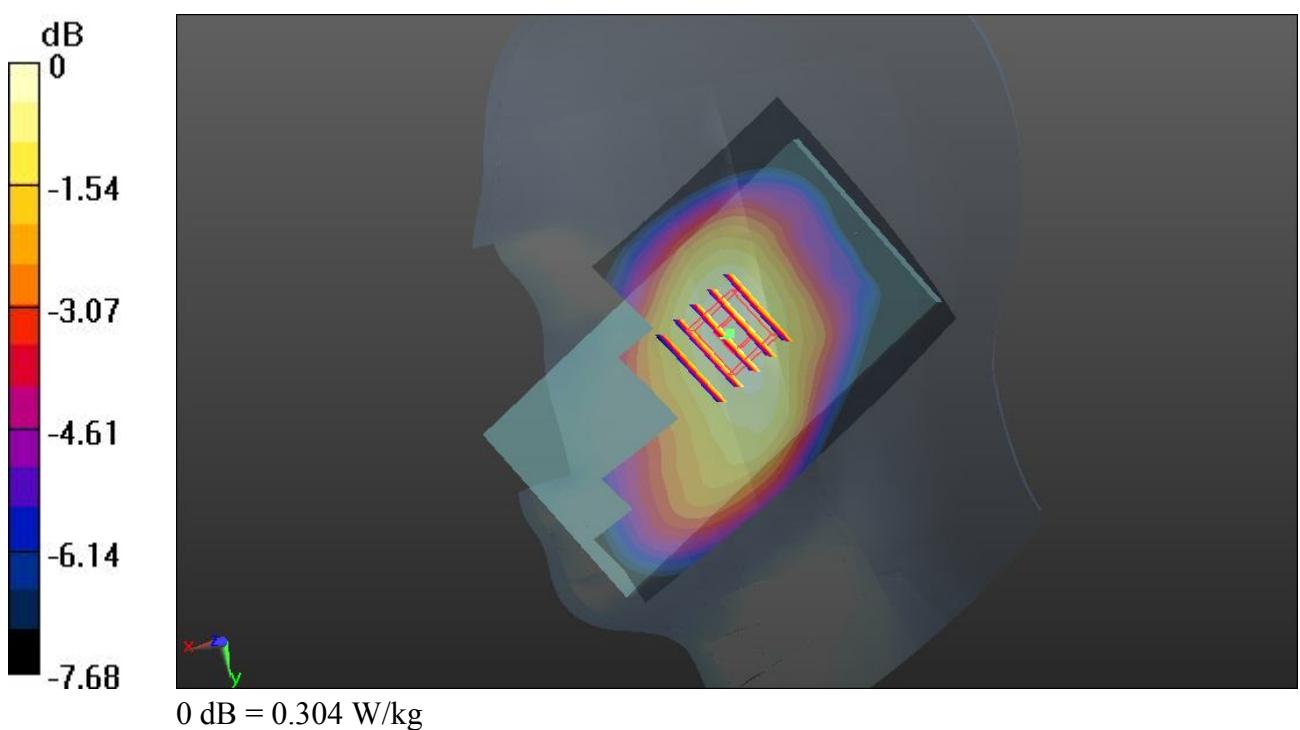
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.557 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.333 mW/g

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.304 W/kg



#61 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182**DUT: 332604**

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.281$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(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)

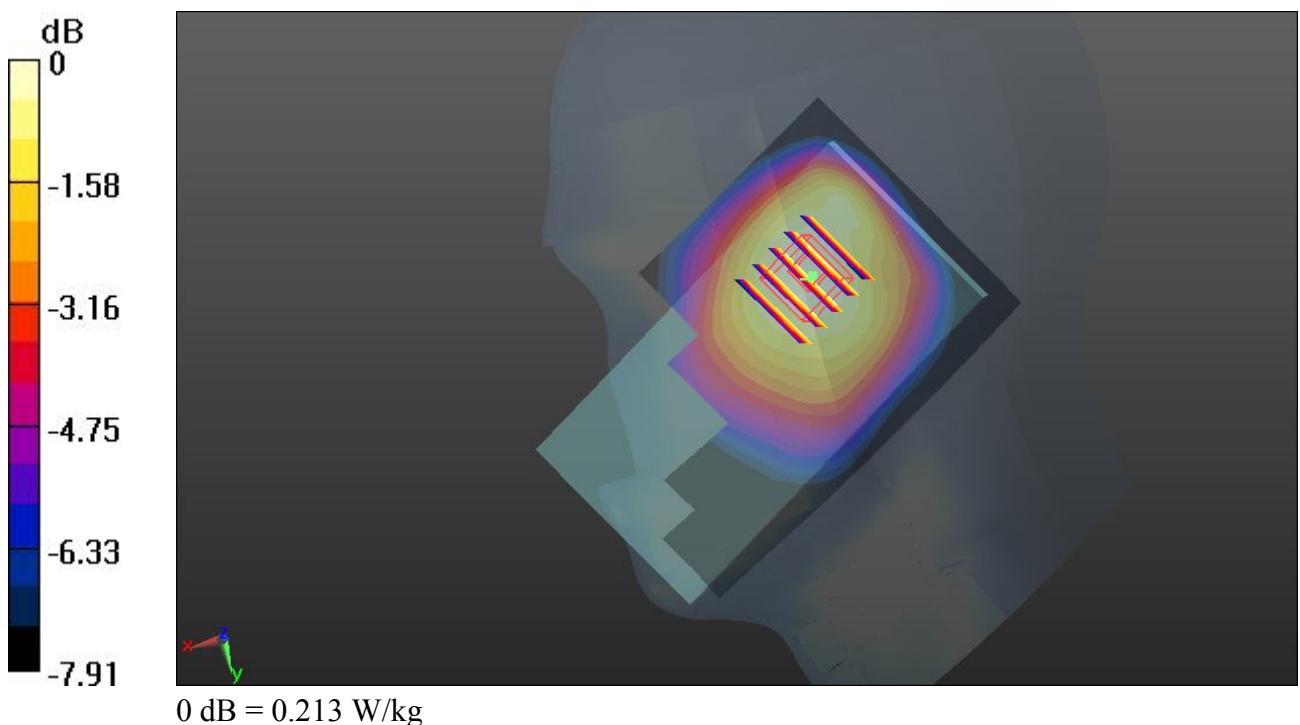
Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.215 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.548 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.234 mW/g

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.213 W/kg



#62 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182**DUT: 332604**

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.281$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(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)

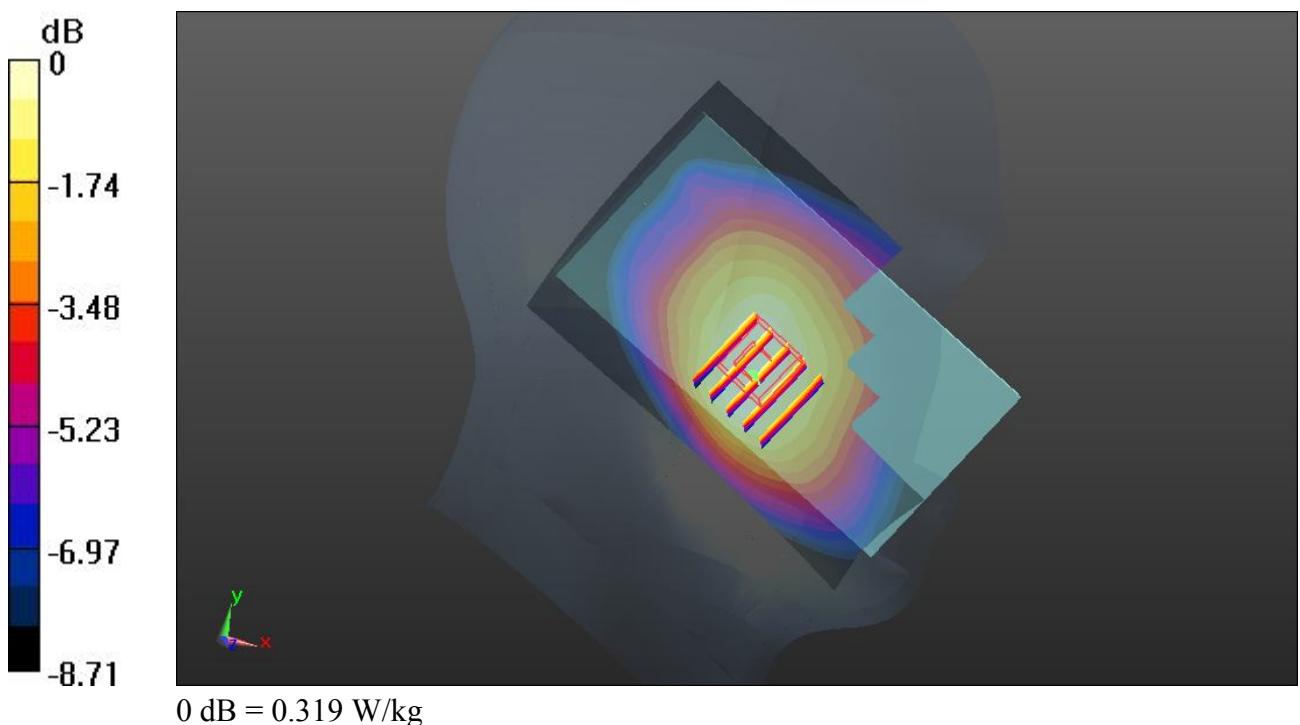
Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.317 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.171 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.348 mW/g

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.218 mW/g

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



#63 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182**DUT: 332604**

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.281$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(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)

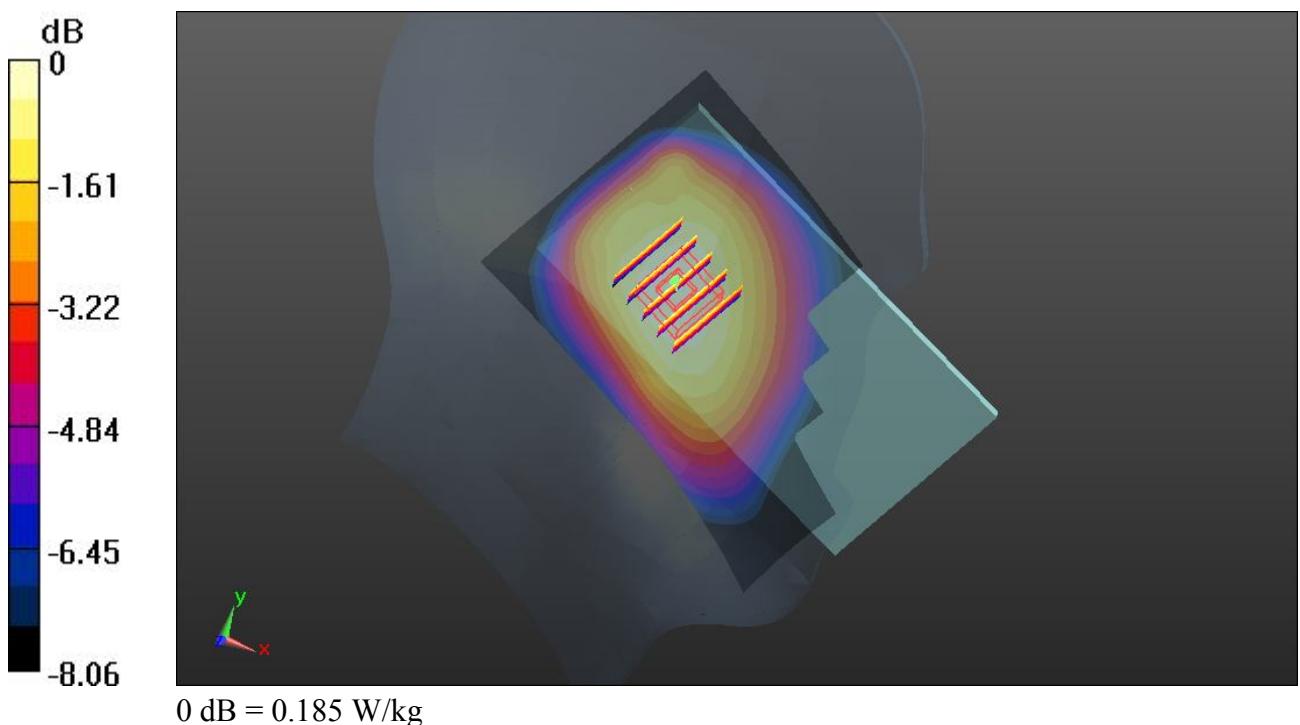
Ch4182/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.183 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.476 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.203 mW/g

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.126 mW/g

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



#127 WCDMA Band IV_RMC 12.2K_Right Cheek_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 41.528$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

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

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.417 W/kg

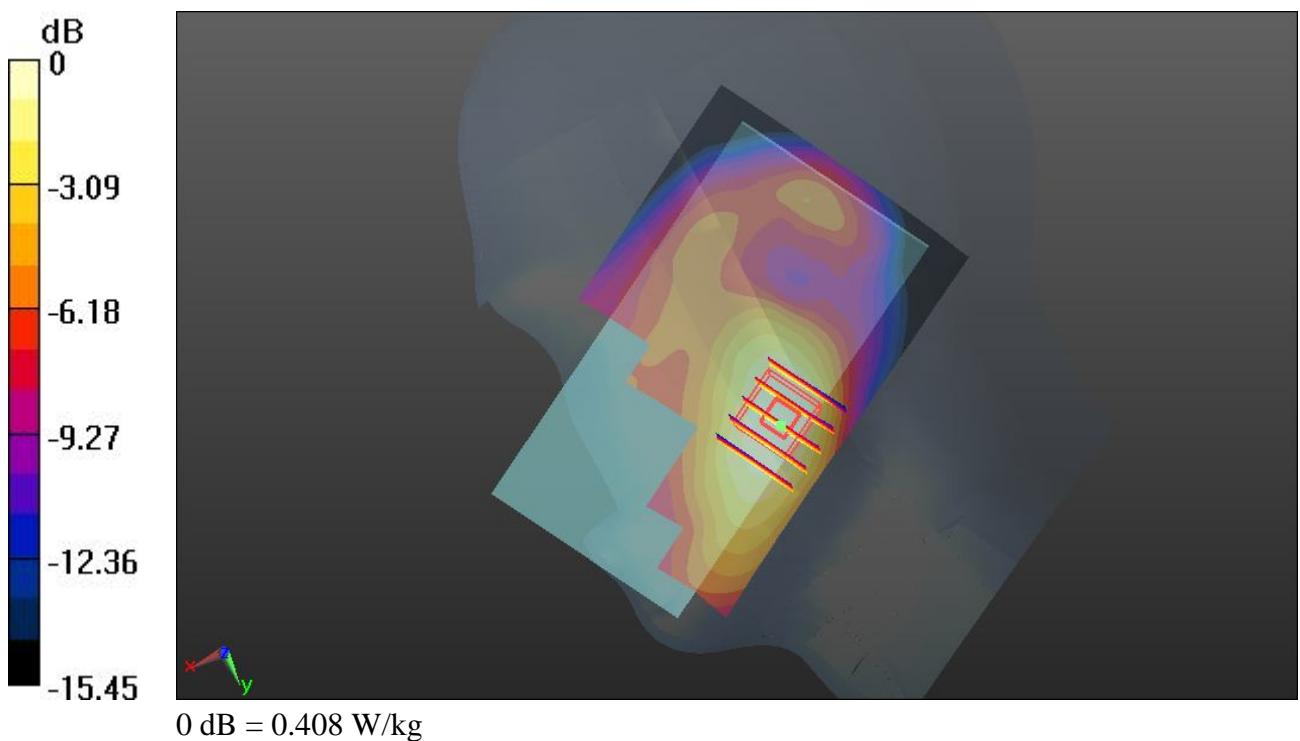
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.735 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.477 mW/g

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.408 W/kg



#128 WCDMA Band IV_RMC 12.2K_Right Tilted_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 41.528$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

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

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.223 W/kg

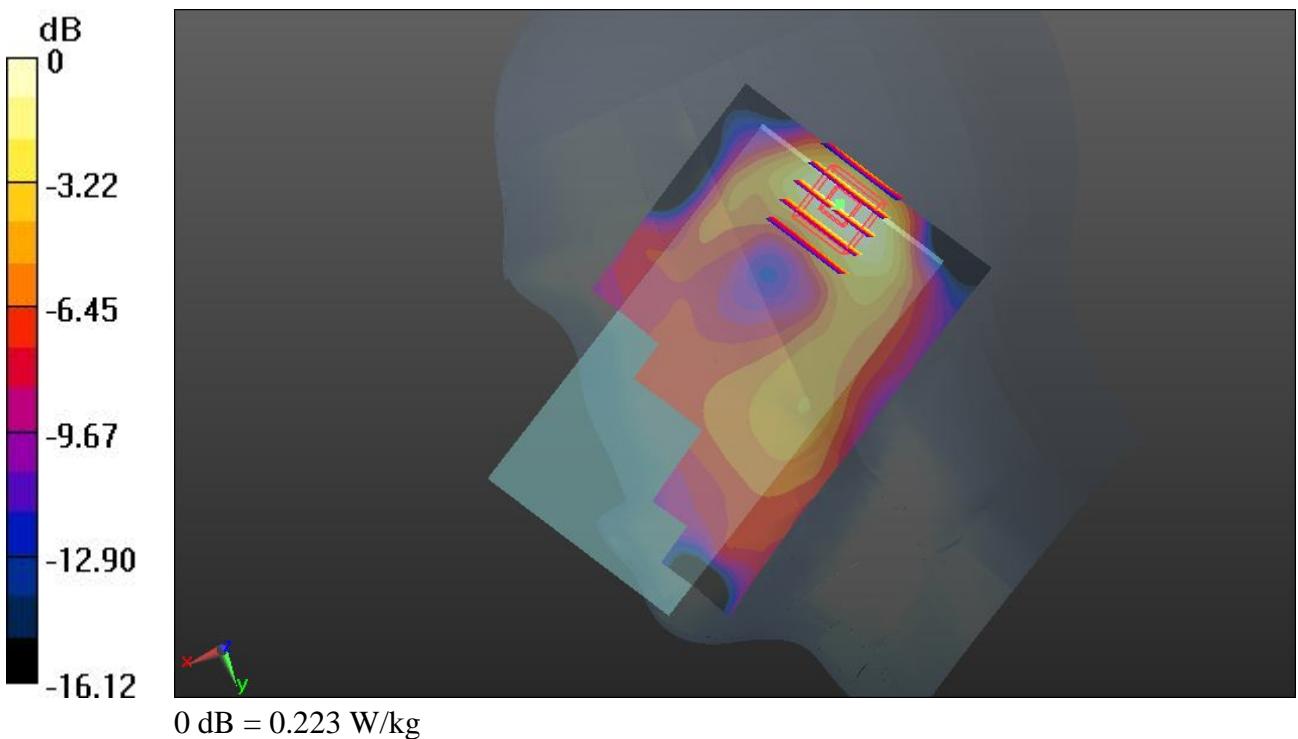
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.014 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.266 mW/g

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.223 W/kg



#129 WCDMA Band IV_RMC 12.2K_Left Cheek_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 41.528$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

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

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.240 W/kg

Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.241 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.258 mW/g

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.225 W/kg

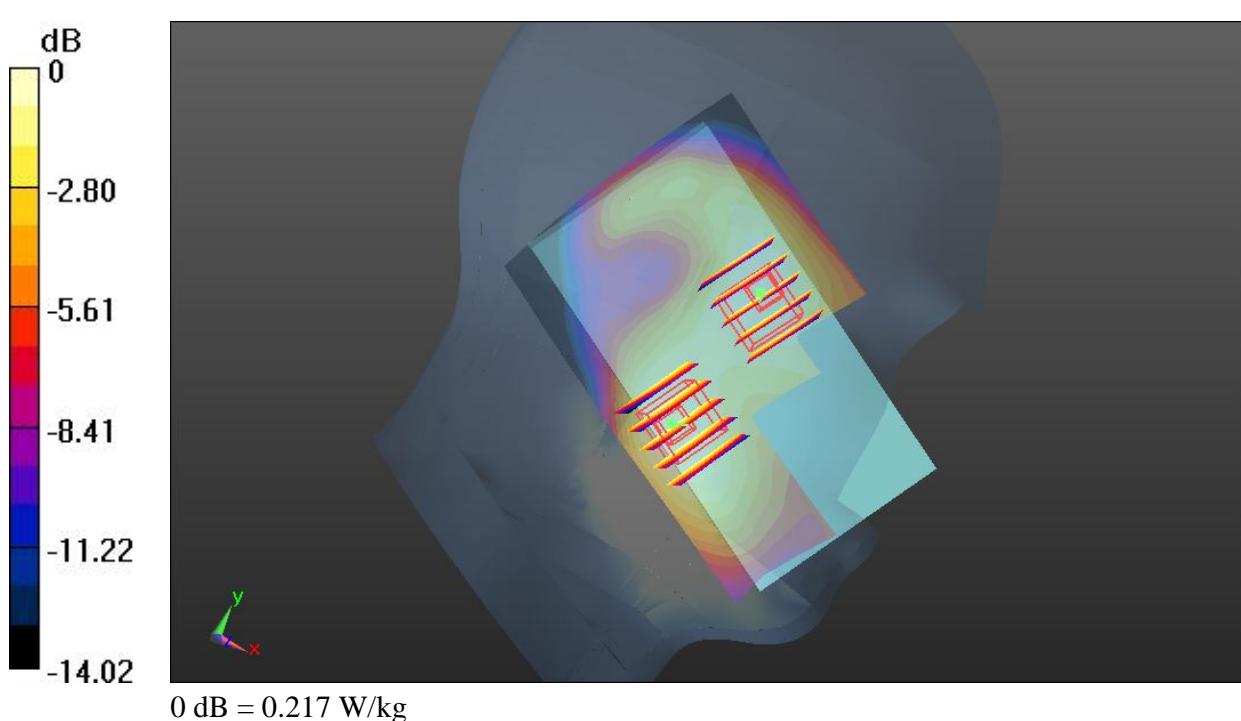
Ch1312/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.241 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.252 mW/g

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.120 mW/g

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



#130 WCDMA Band IV_RMC 12.2K_Left Tilted_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.338$ mho/m; $\epsilon_r = 41.528$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

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

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

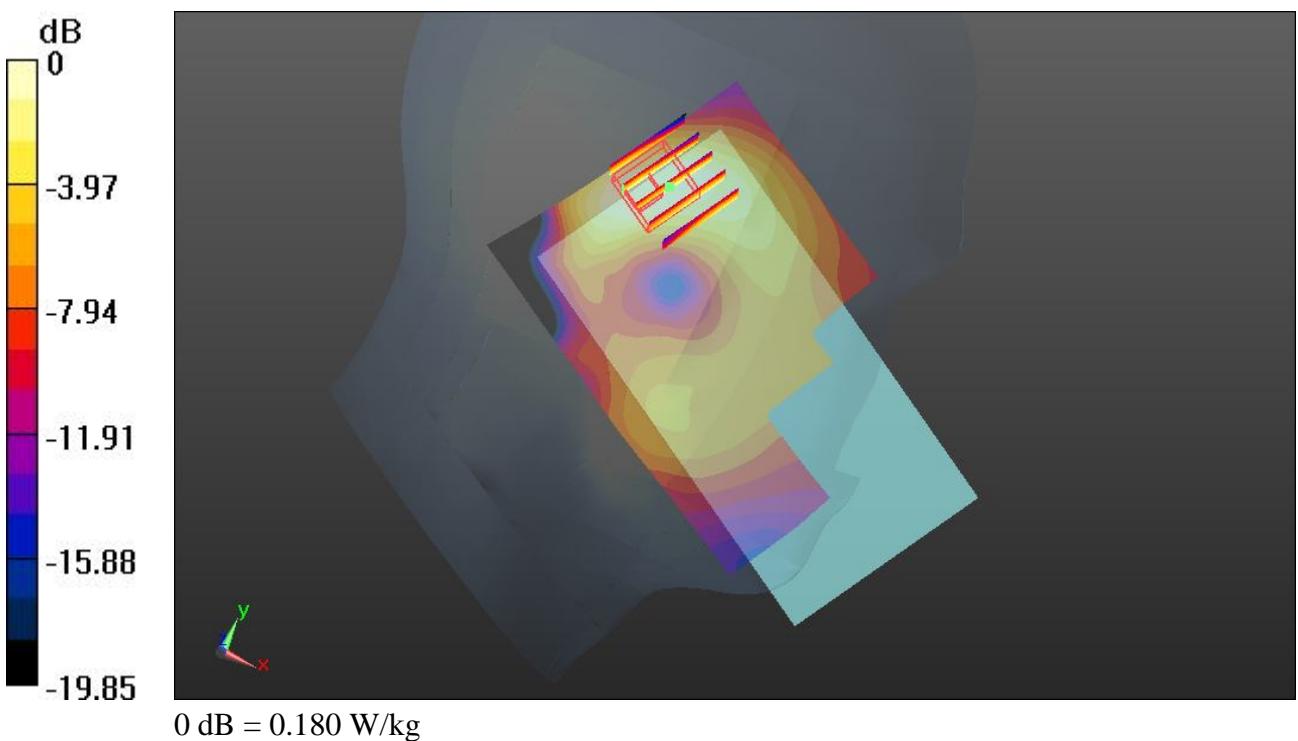
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.465 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.225 mW/g

SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.085 mW/g

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



#131 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9538**DUT: 332604**

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

Medium: HSL_1900_130427 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.311$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 W/kg

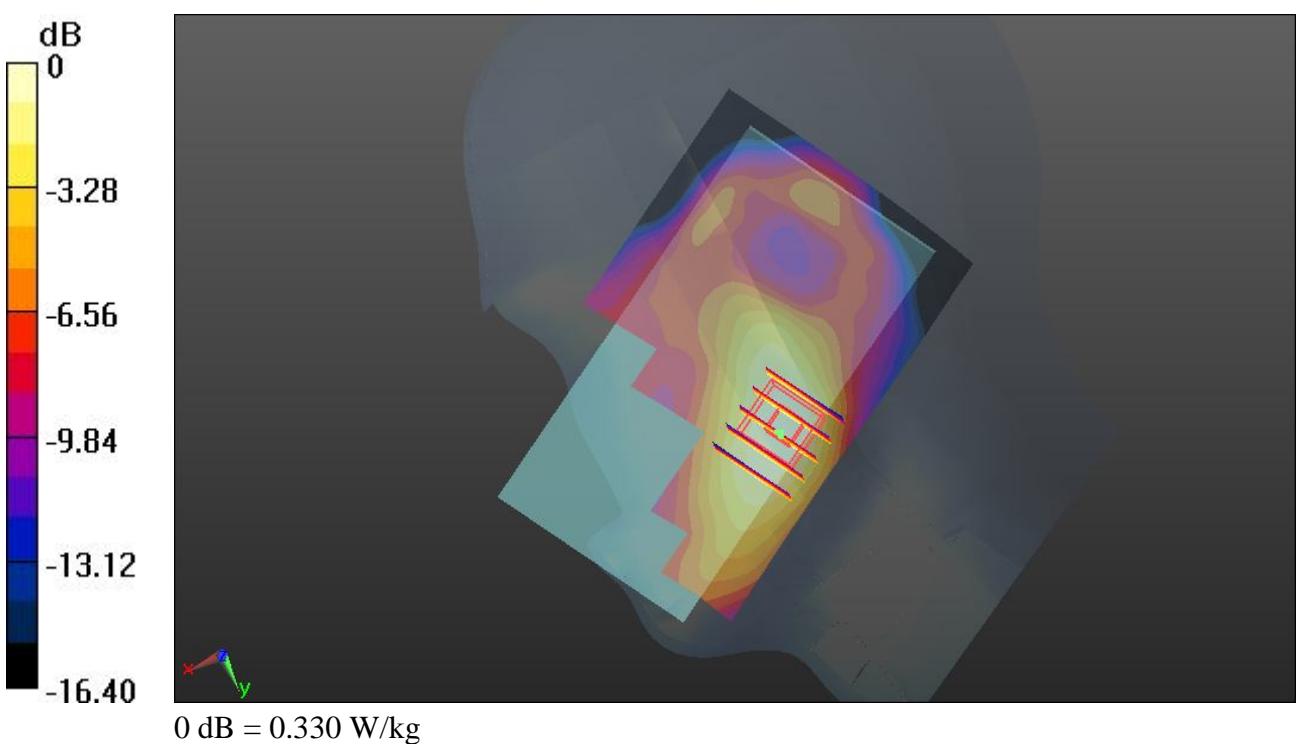
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.474 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.390 mW/g

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.330 W/kg



#132 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9538**DUT: 332604**

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

Medium: HSL_1900_130427 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.311$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

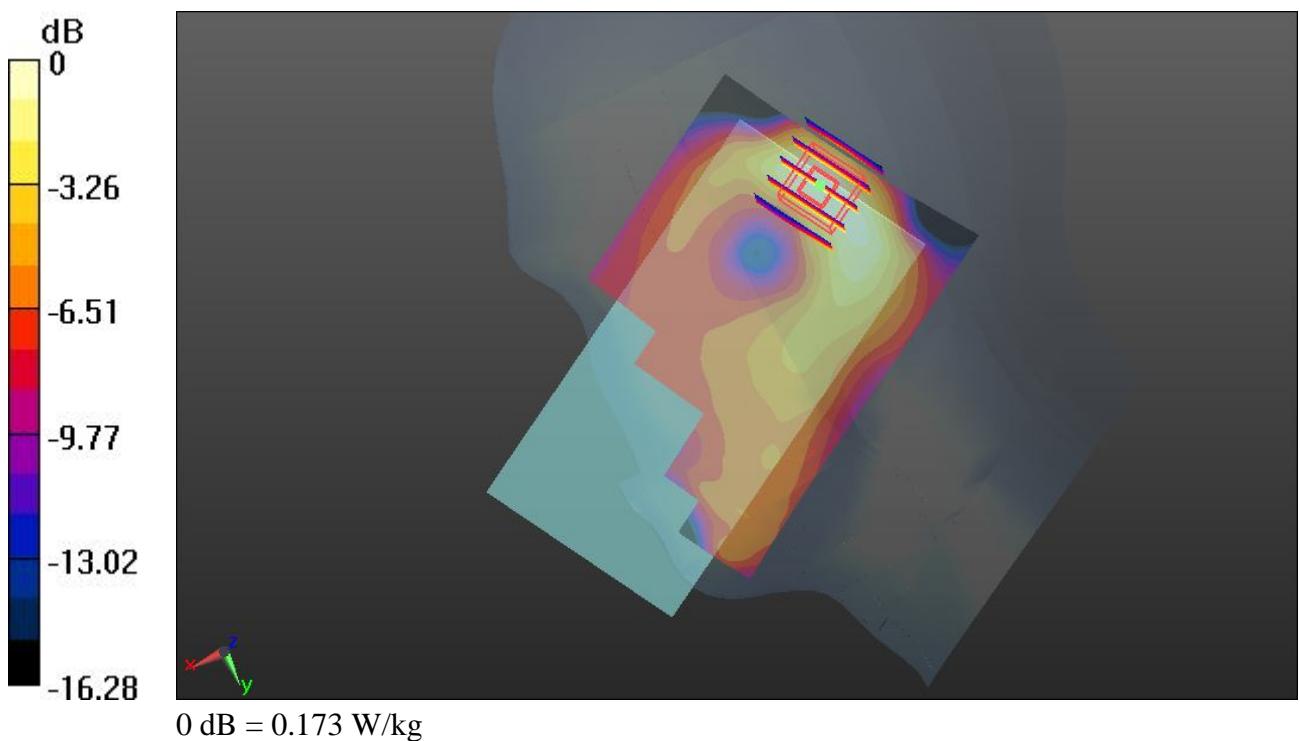
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.185 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.206 mW/g

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.173 W/kg



#133 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9538**DUT: 332604**

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

Medium: HSL_1900_130427 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.311$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch9538/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.224 W/kg

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

Reference Value = 12.720 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.261 mW/g

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.221 W/kg

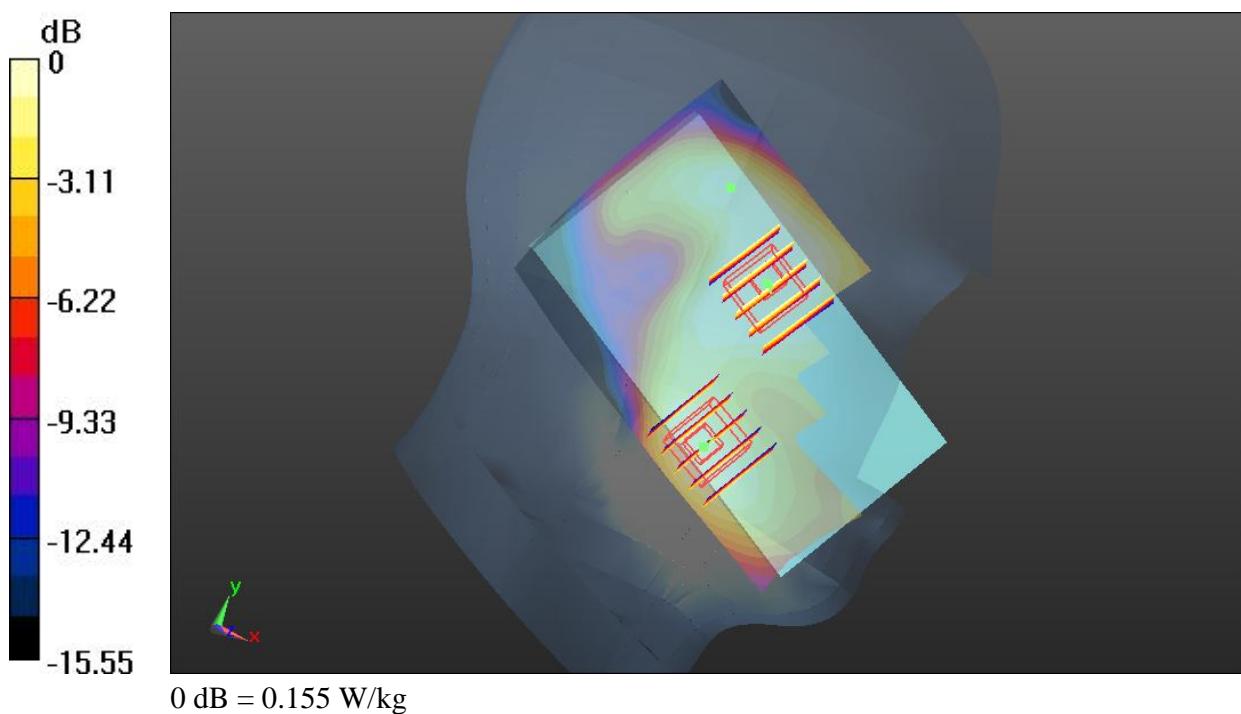
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.720 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.179 mW/g

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.155 W/kg



#134 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9538**DUT: 332604**

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

Medium: HSL_1900_130427 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.311$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch9538/Area Scan (61x101x1): Interpolated grid: dx=15mm, dy=15mm

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

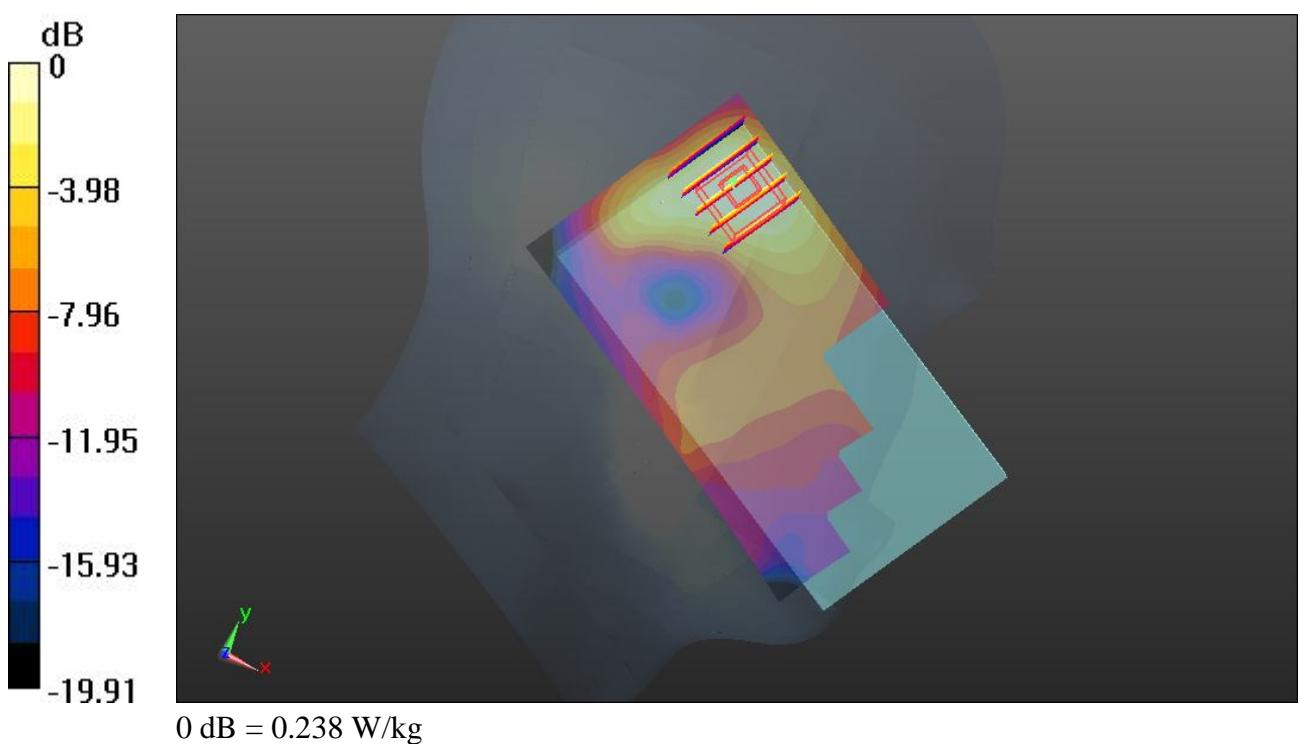
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.055 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.290 mW/g

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.238 W/kg



#102 WLAN 2.4GHz_802.11b_Right Cheek_Ch1**DUT: 332604**

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

Medium: HSL_2450_130412 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.815 \text{ mho/m}$; $\epsilon_r = 37.813$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.524 W/kg

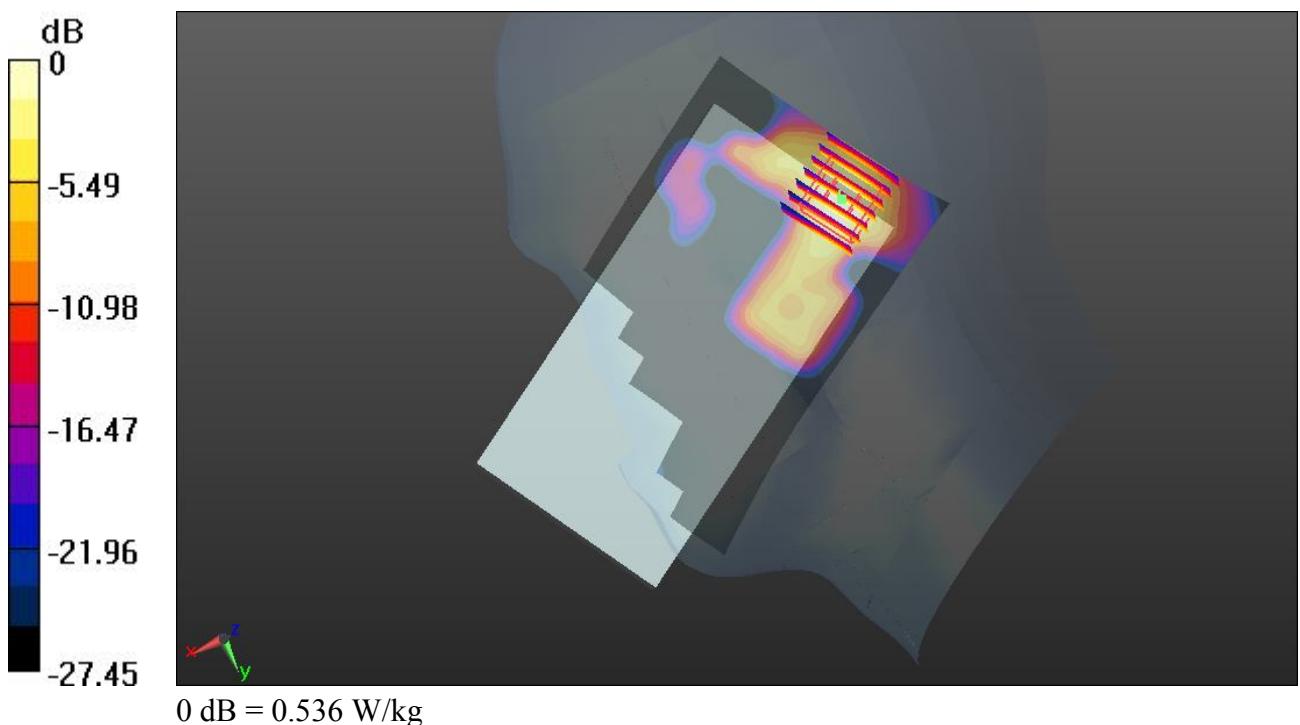
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.324 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.777 mW/g

SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.536 W/kg



#103 WLAN 2.4GHz_802.11b_Right Tilted_Ch1**DUT: 332604**

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

Medium: HSL_2450_130412 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.815 \text{ mho/m}$; $\epsilon_r = 37.813$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

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

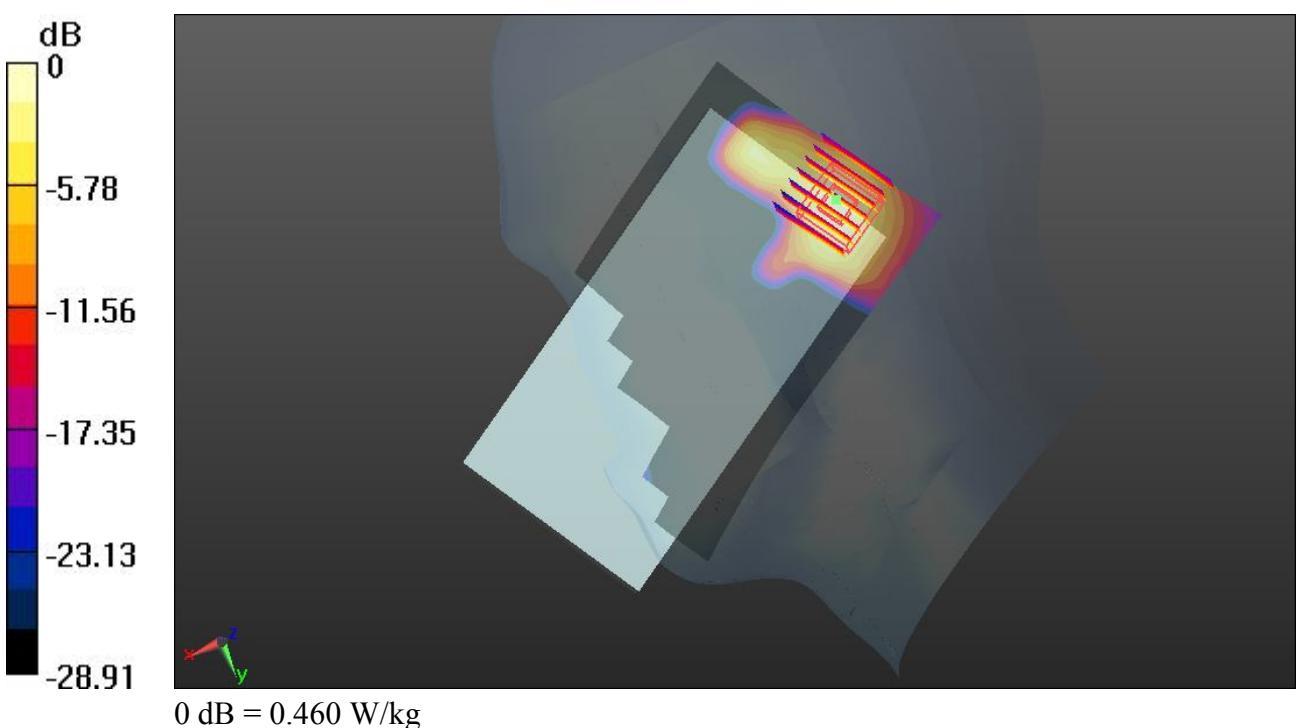
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.047 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.638 mW/g

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.460 W/kg



#104 WLAN 2.4GHz_802.11b_Left Cheek_Ch1**DUT: 332604**

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

Medium: HSL_2450_130412 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.815 \text{ mho/m}$; $\epsilon_r = 37.813$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.882 W/kg

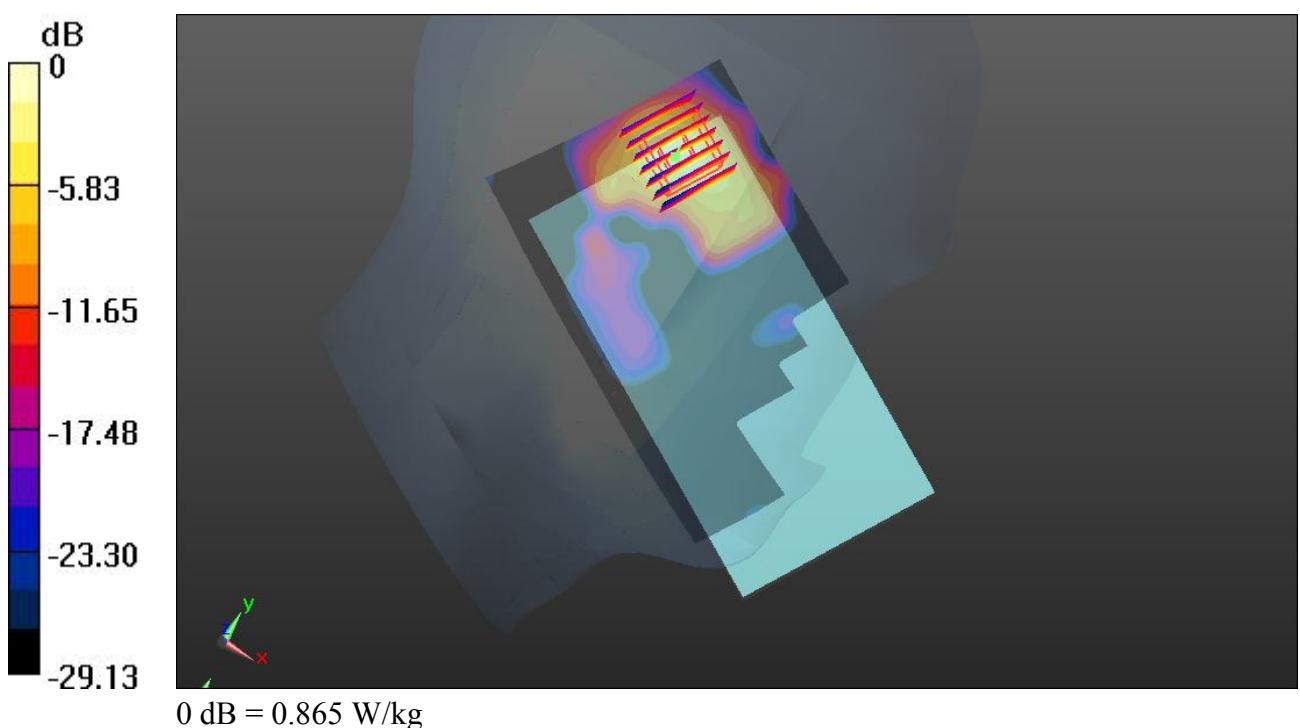
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.049 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.339 mW/g

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 0.865 W/kg



#105 WLAN 2.4GHz_802.11b_Left Tilted_Ch1**DUT: 332604**

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

Medium: HSL_2450_130412 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.815 \text{ mho/m}$; $\epsilon_r = 37.813$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

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

Ch1/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.994 W/kg

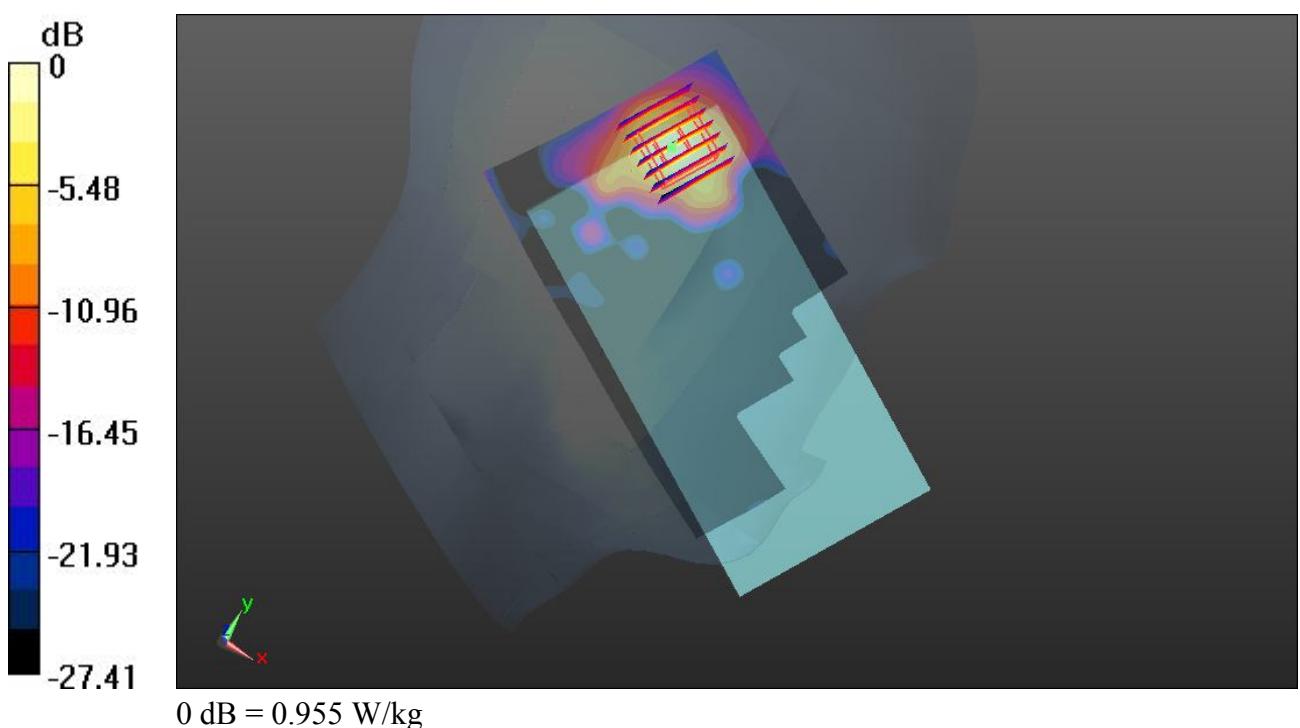
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.393 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.386 mW/g

SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.955 W/kg



#68 GSM850_GPRS(3 Tx slots)_Front_1cm_Ch251

DUT: 332604

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 W/kg

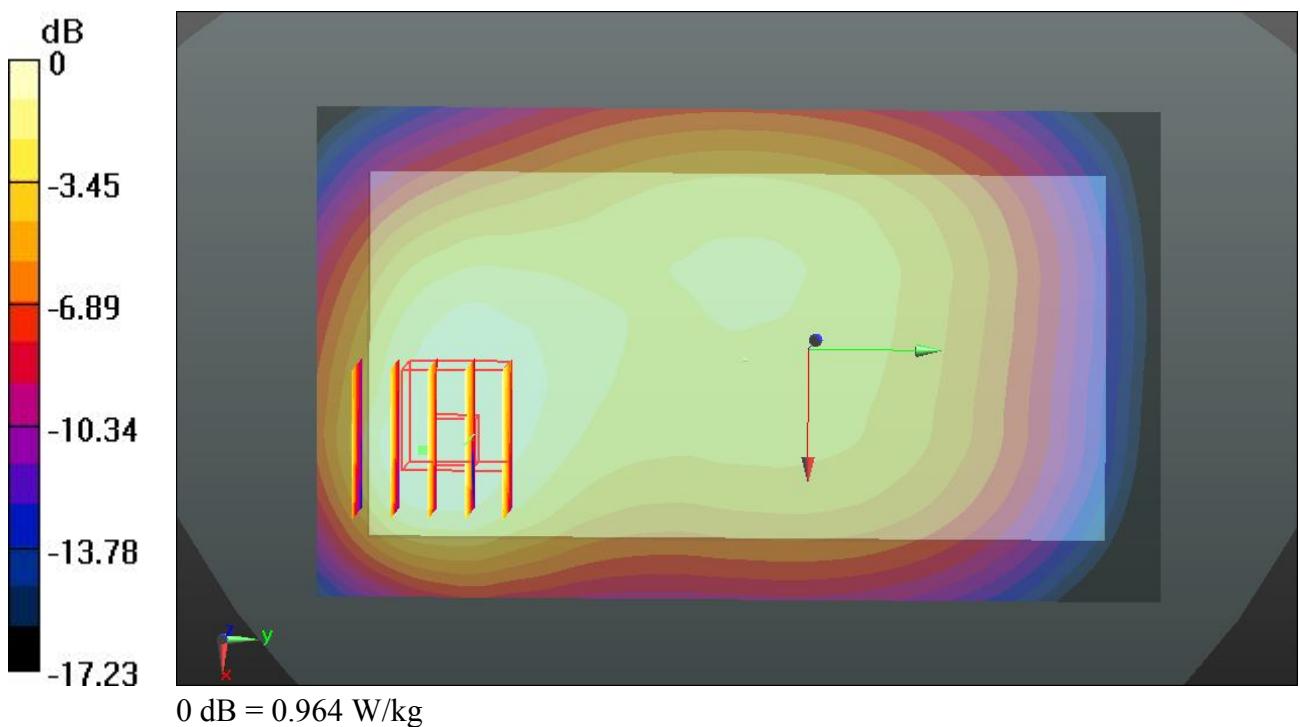
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.022 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.140 mW/g

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 0.964 W/kg



#69 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch251

DUT: 332604

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.519 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.408 mW/g

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.682 mW/g

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

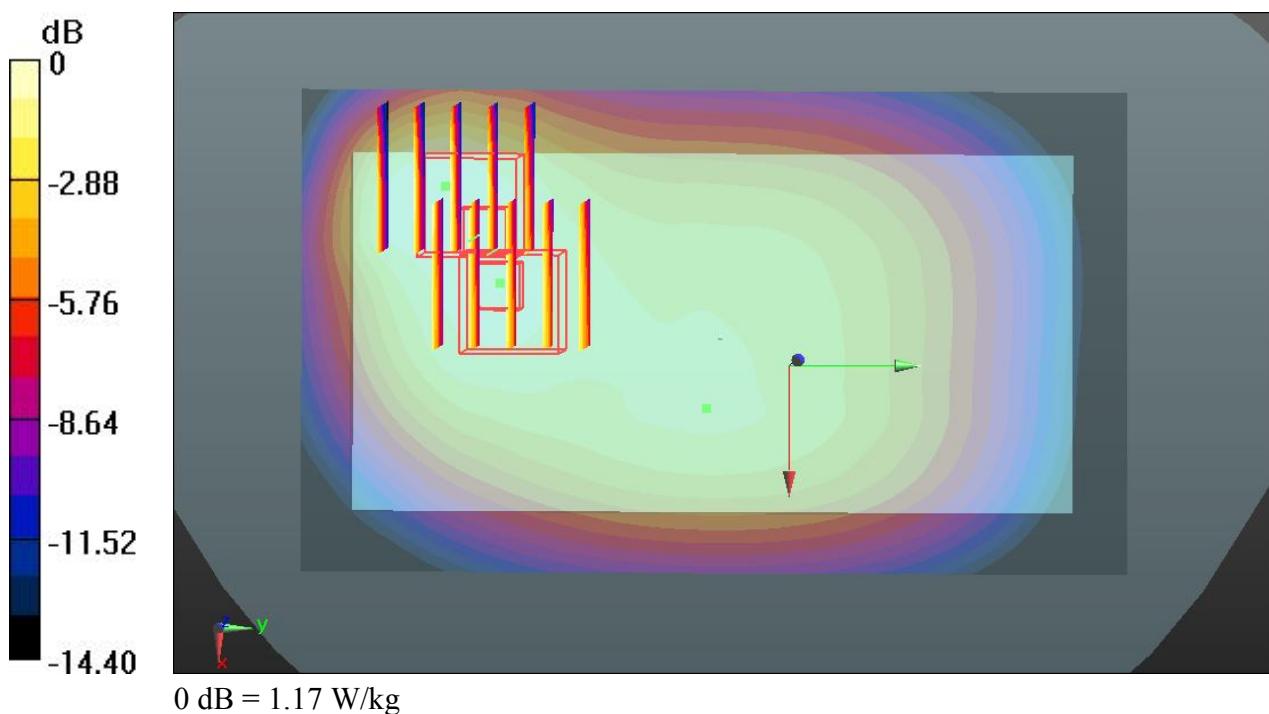
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.519 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.449 mW/g

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.600 mW/g

Maximum value of SAR (measured) = 1.17 W/kg



#81 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch251_Repeat SAR**DUT: 332604**

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.176 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.489 mW/g

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.669 mW/g

Maximum value of SAR (measured) = 1.22 W/kg

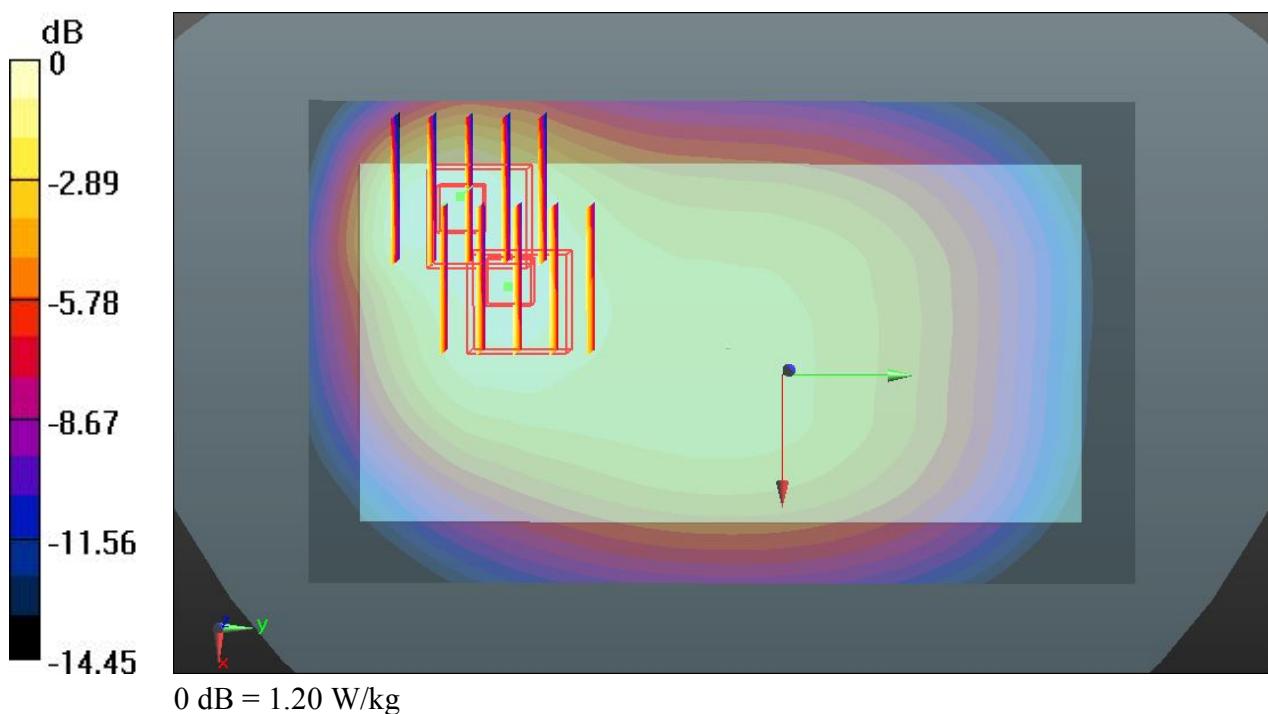
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.176 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.505 mW/g

SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.617 mW/g

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



#70 GSM850_GPRS(3 Tx slots)_Right Side_1cm_Ch251**DUT: 332604**

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (41x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.515 W/kg

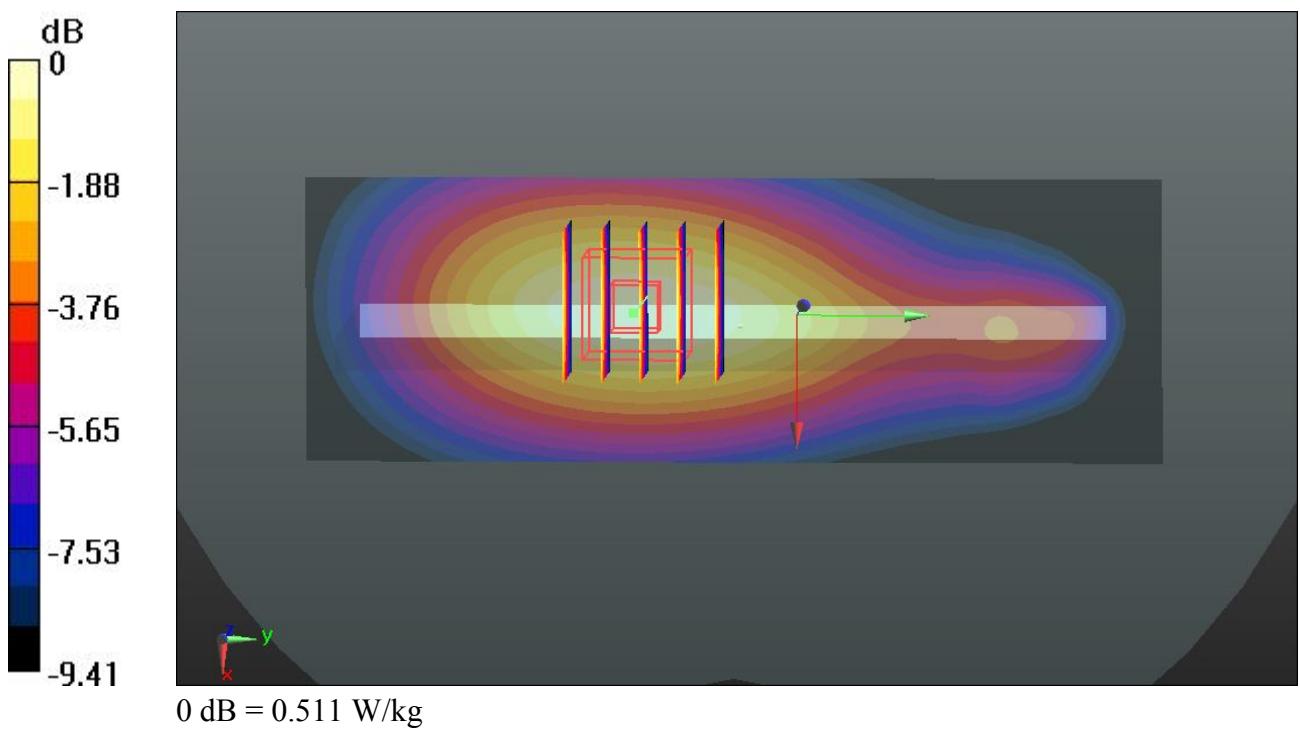
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.576 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.587 mW/g

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.511 W/kg



#71 GSM850_GPRS(3 Tx slots)_Bottom Side_1cm_Ch251**DUT: 332604**

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 W/kg

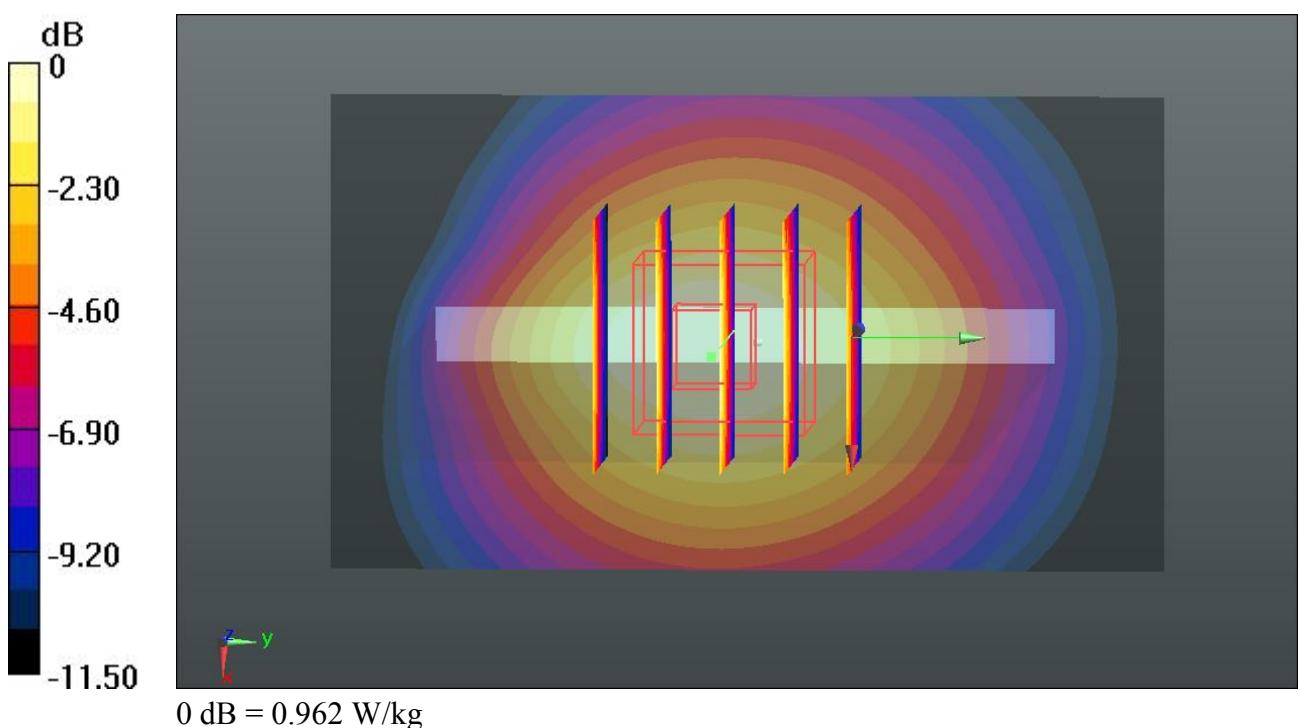
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.199 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.112 mW/g

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.962 W/kg



#72 GSM850_GPRS(3 Tx slots)_Front_1cm_Ch128

DUT: 332604

Communication System: GPRS/EDGE11; Frequency: 824.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_835_130410 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.954 \text{ mho/m}$; $\epsilon_r = 56.364$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.768 W/kg

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

Reference Value = 28.184 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.868 mW/g

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 0.726 W/kg

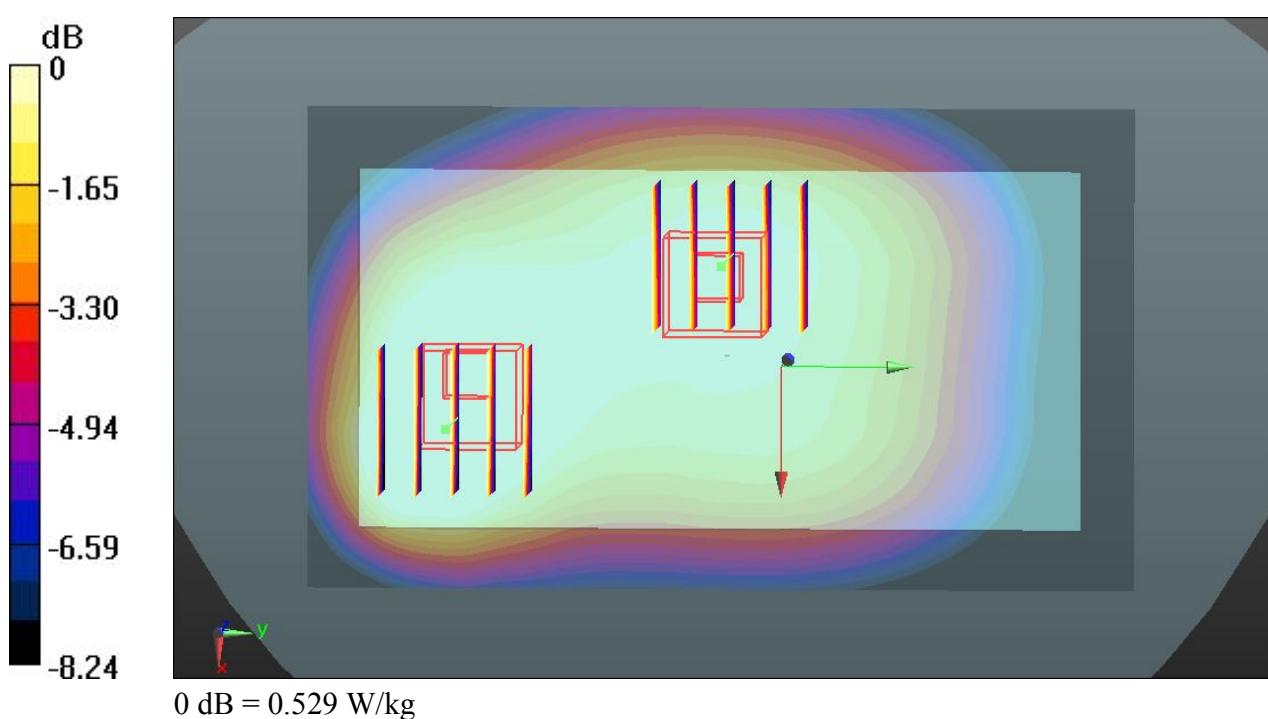
Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.184 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.578 mW/g

SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.360 mW/g

Maximum value of SAR (measured) = 0.529 W/kg



#73 GSM850_GPRS(3 Tx slots)_Front_1cm_Ch189

DUT: 332604

Communication System: GPRS/EDGE11; Frequency: 836.4 MHz; Duty Cycle: 1:2.7

Medium: MSL_835_130410 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.871 W/kg

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

Reference Value = 30.145 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.021 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.494 mW/g

Maximum value of SAR (measured) = 0.842 W/kg

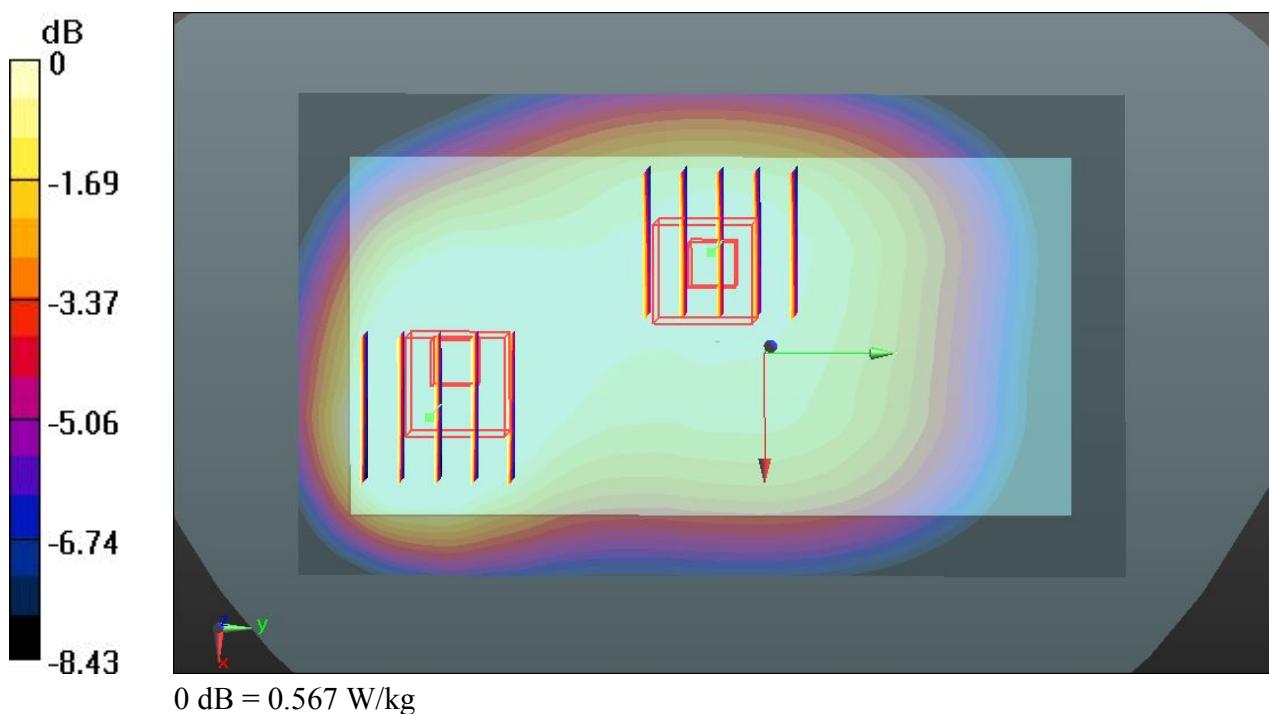
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.145 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.621 mW/g

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.385 mW/g

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



#74 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch128

DUT: 332604

Communication System: GPRS/EDGE11; Frequency: 824.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_835_130410 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.954 \text{ mho/m}$; $\epsilon_r = 56.364$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.962 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.997 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.129 mW/g

SAR(1 g) = 0.801 mW/g; SAR(10 g) = 0.580 mW/g

Maximum value of SAR (measured) = 0.954 W/kg

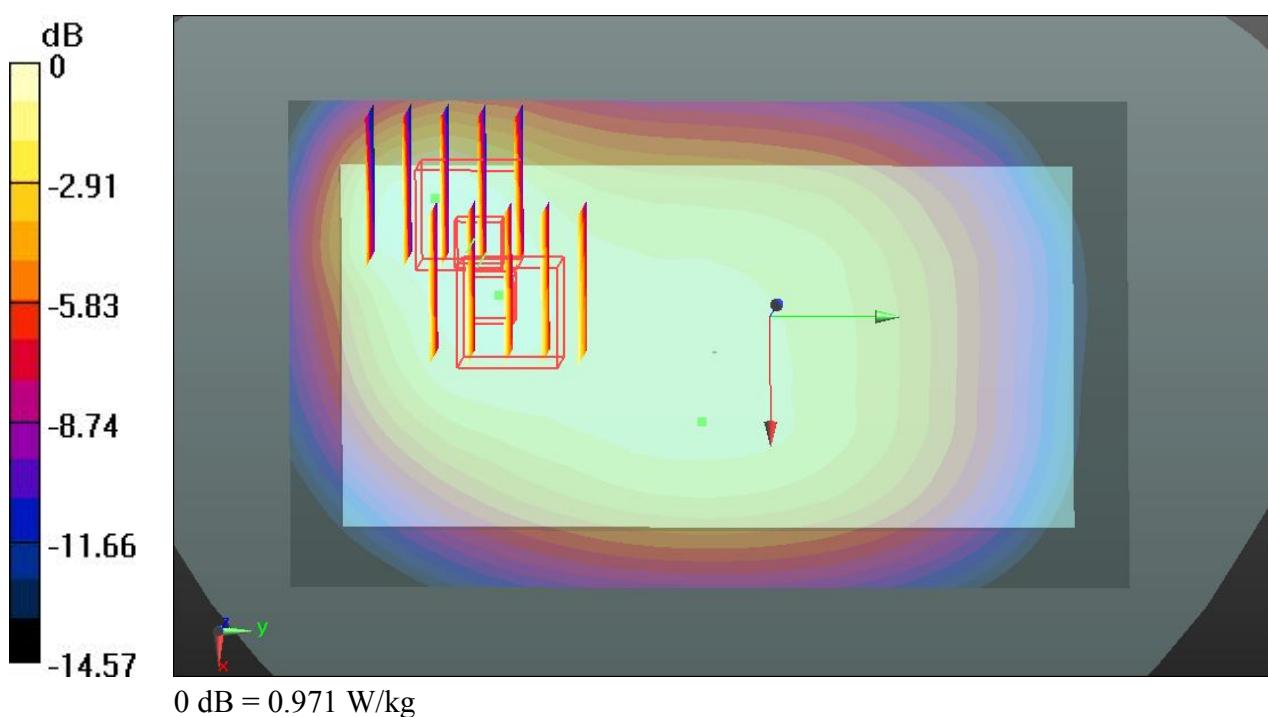
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.997 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.148 mW/g

SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.971 W/kg



#75 GSM850_GPRS(3 Tx slots)_Back_1cm_Ch189

DUT: 332604

Communication System: GPRS/EDGE11; Frequency: 836.4 MHz; Duty Cycle: 1:2.7

Medium: MSL_835_130410 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.457 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.260 mW/g

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.624 mW/g

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

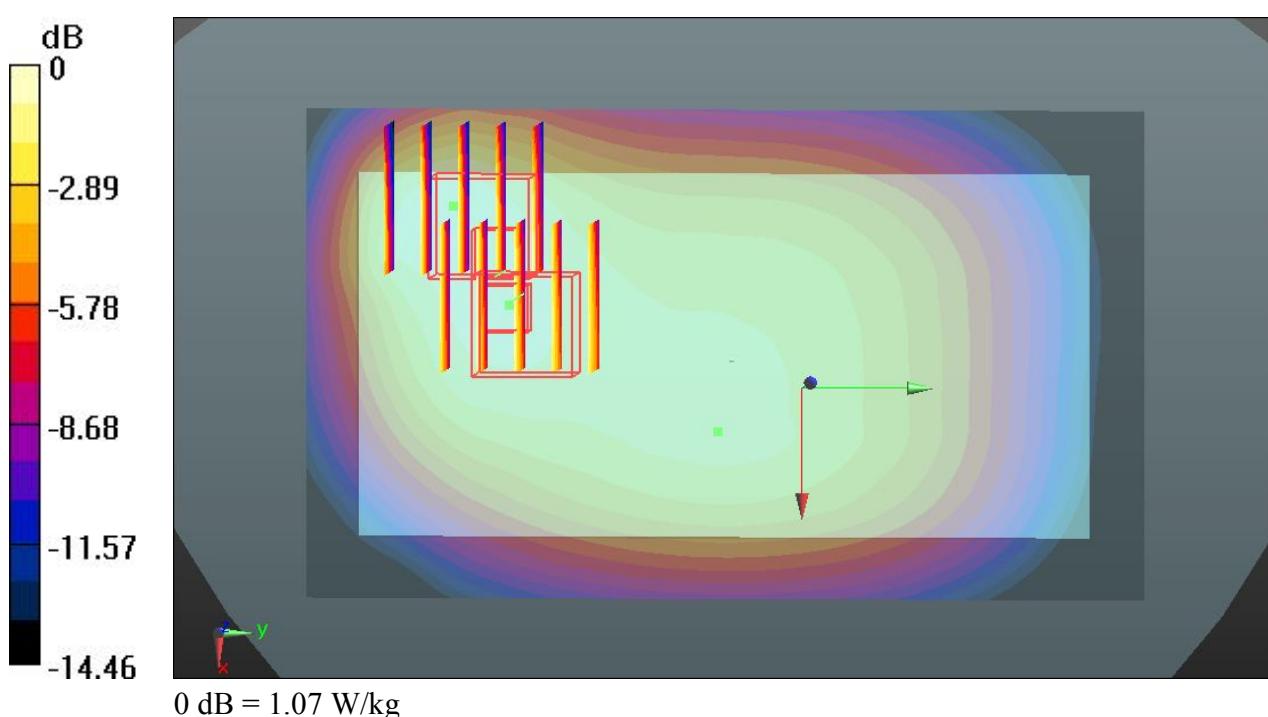
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.457 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.302 mW/g

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.546 mW/g

Maximum value of SAR (measured) = 1.07 W/kg



#76 GSM850_GPRS(3 Tx slots)_Bottom Side_1cm_Ch128**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 824.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_835_130410 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r = 56.364$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (41x71x1): Interpolated grid: dx=15mm, dy=15mm

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

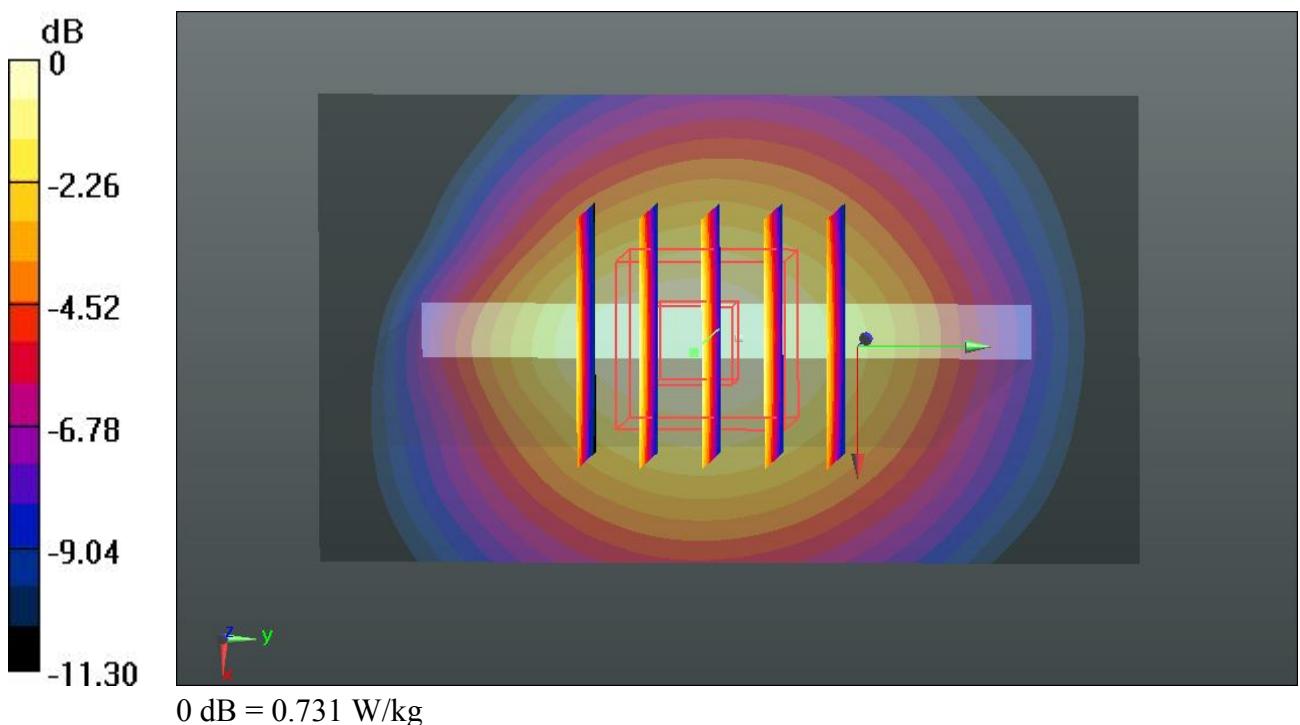
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.344 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.842 mW/g

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.731 W/kg



#77 GSM850_GPRS(3 Tx slots)_Bottom Side_1cm_Ch189**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 836.4 MHz; Duty Cycle: 1:2.7

Medium: MSL_835_130410 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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) = 0.854 W/kg

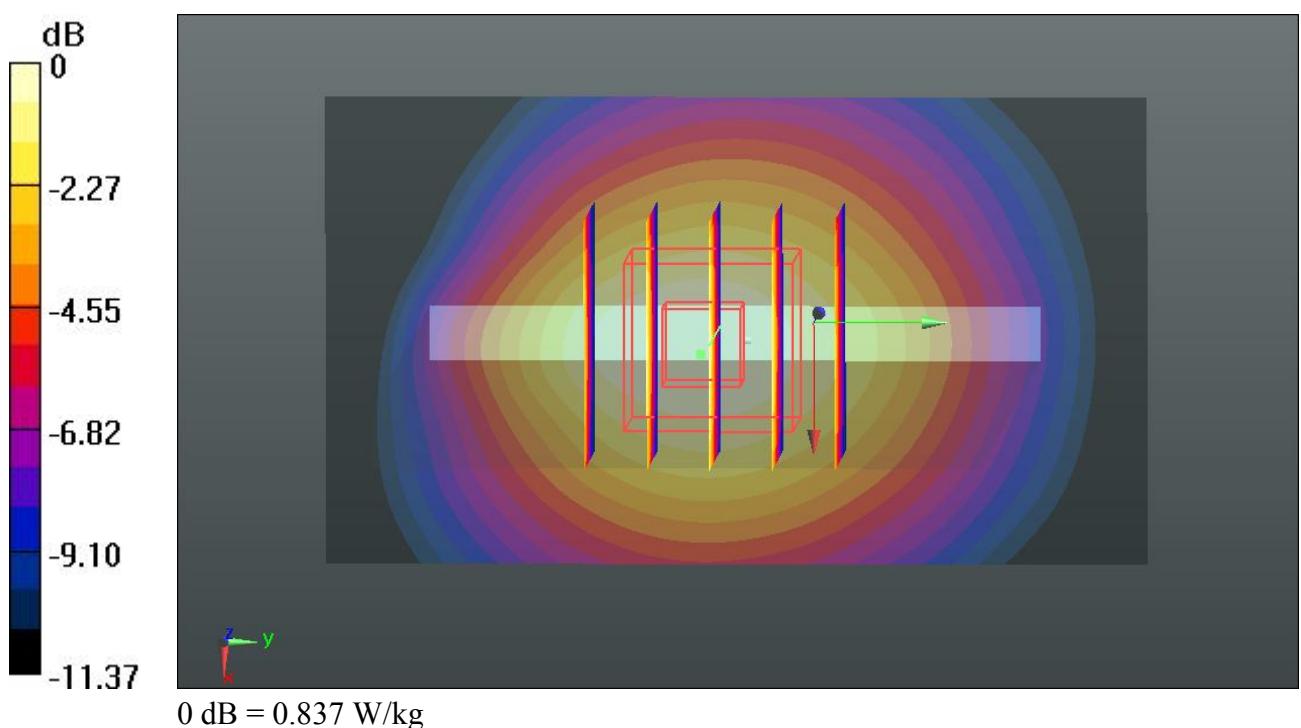
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.170 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.963 mW/g

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 0.837 W/kg



#64 GSM850_GSM Vioce_Front_1cm_Ch251**DUT: 332604**

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.638 W/kg

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

Reference Value = 25.435 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.720 mW/g

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.604 W/kg

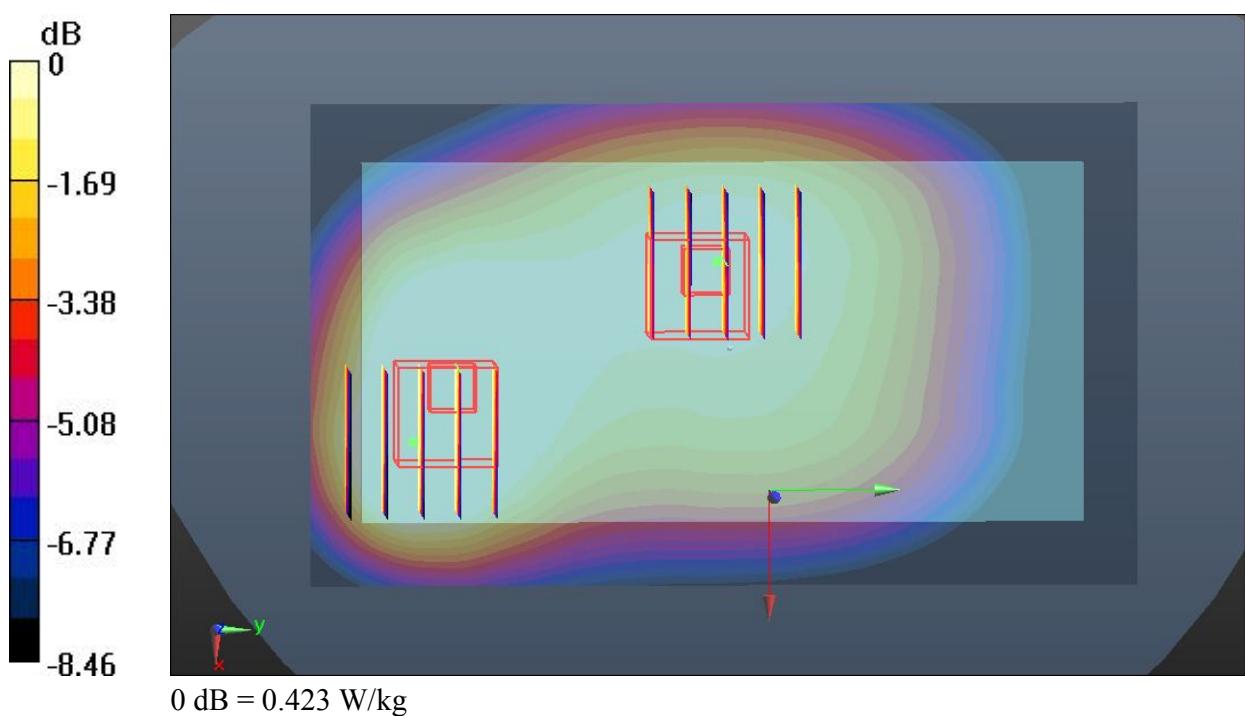
Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.435 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.465 mW/g

SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.423 W/kg



#78 GSM850_GSM Vioce_Back_1cm_Ch251**DUT: 332604**

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

Medium: MSL_835_130410 Medium parameters used: $f = 849$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 56.153$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.970 W/kg

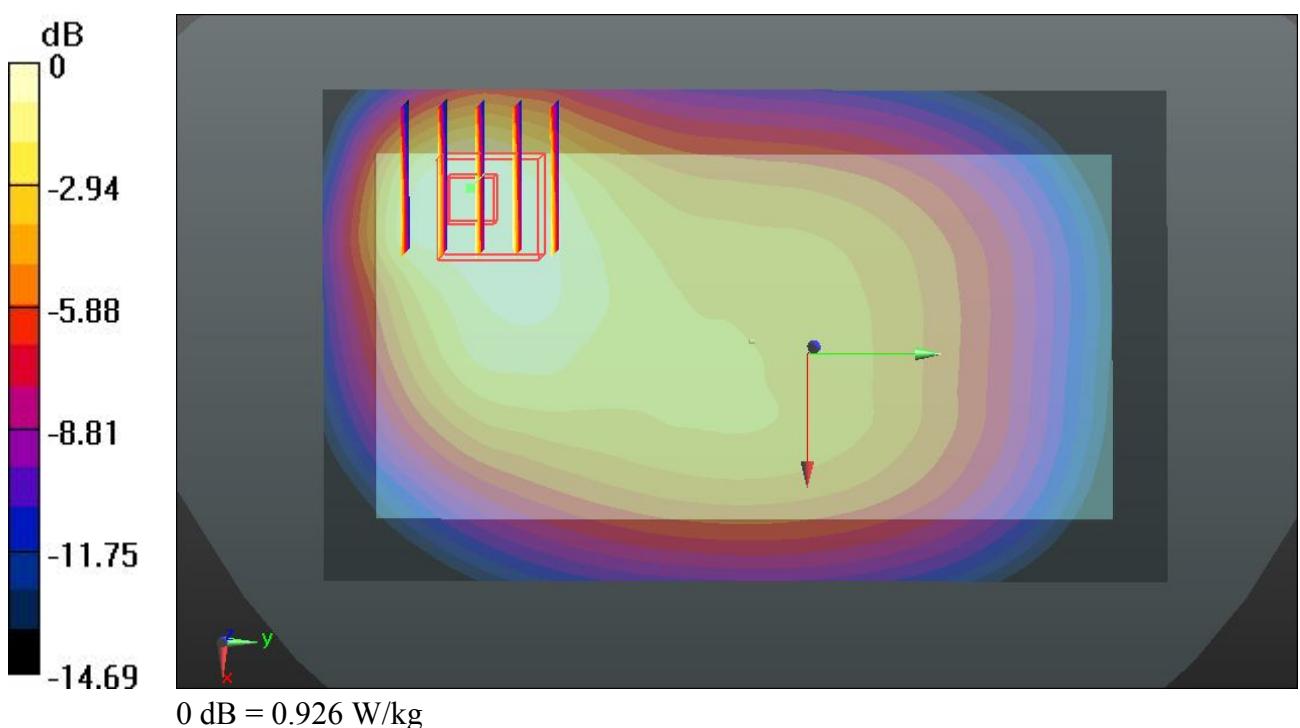
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.775 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.174 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.926 W/kg



#79 GSM850_GSM Vioce_Back_1cm_Ch128**DUT: 332604**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_835_130410 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.954$ mho/m; $\epsilon_r = 56.364$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.750 W/kg

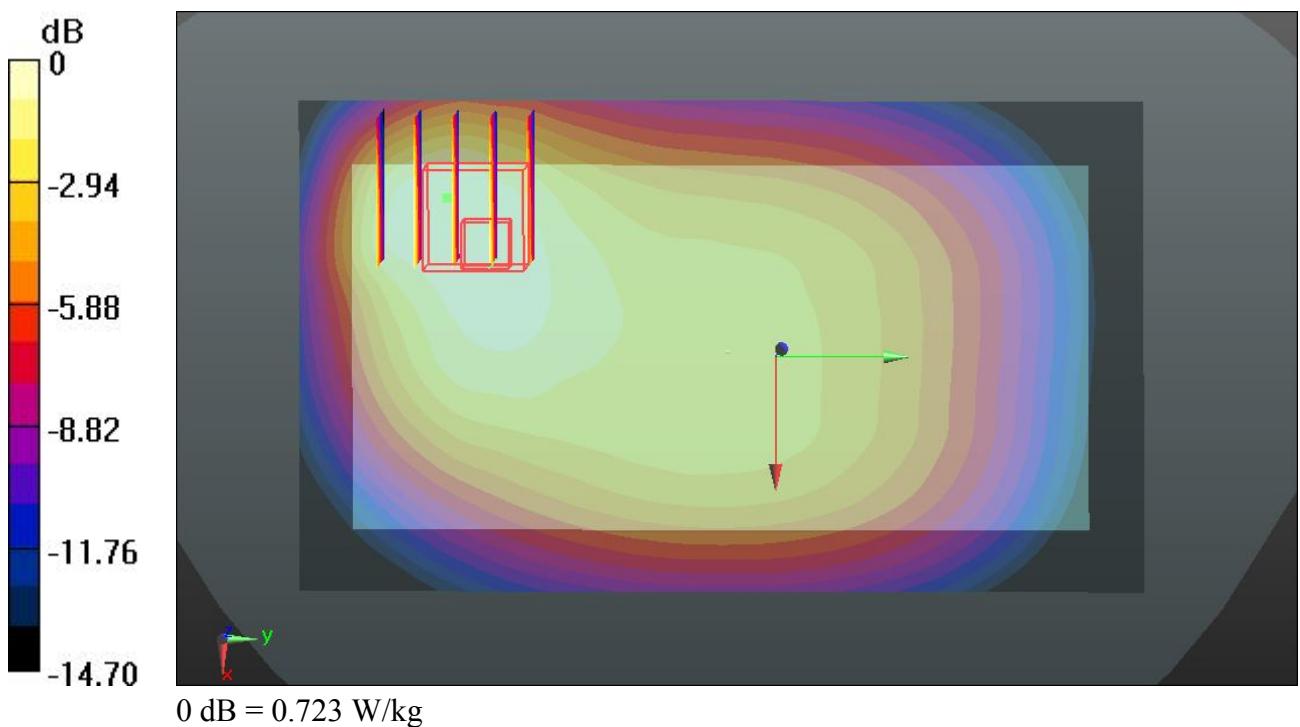
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.407 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.910 mW/g

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.723 W/kg



#80 GSM850_GSM Vioce_Back_1cm_Ch189**DUT: 332604**

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

Medium: MSL_835_130410 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r = 56.258$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.2 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

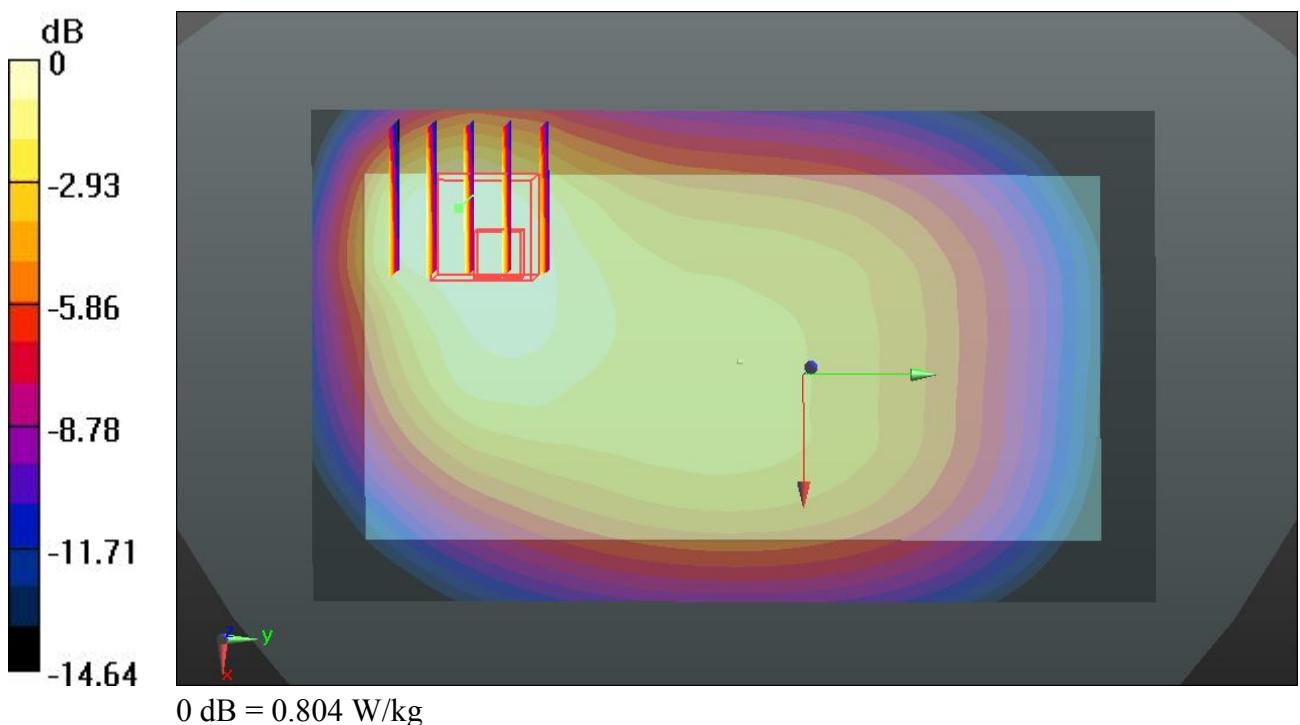
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.986 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.027 mW/g

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 0.804 W/kg



#86 GSM1900_GPRS(3 Tx slots)_Front_1cm_Ch810

DUT: 332604

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 1.36 W/kg

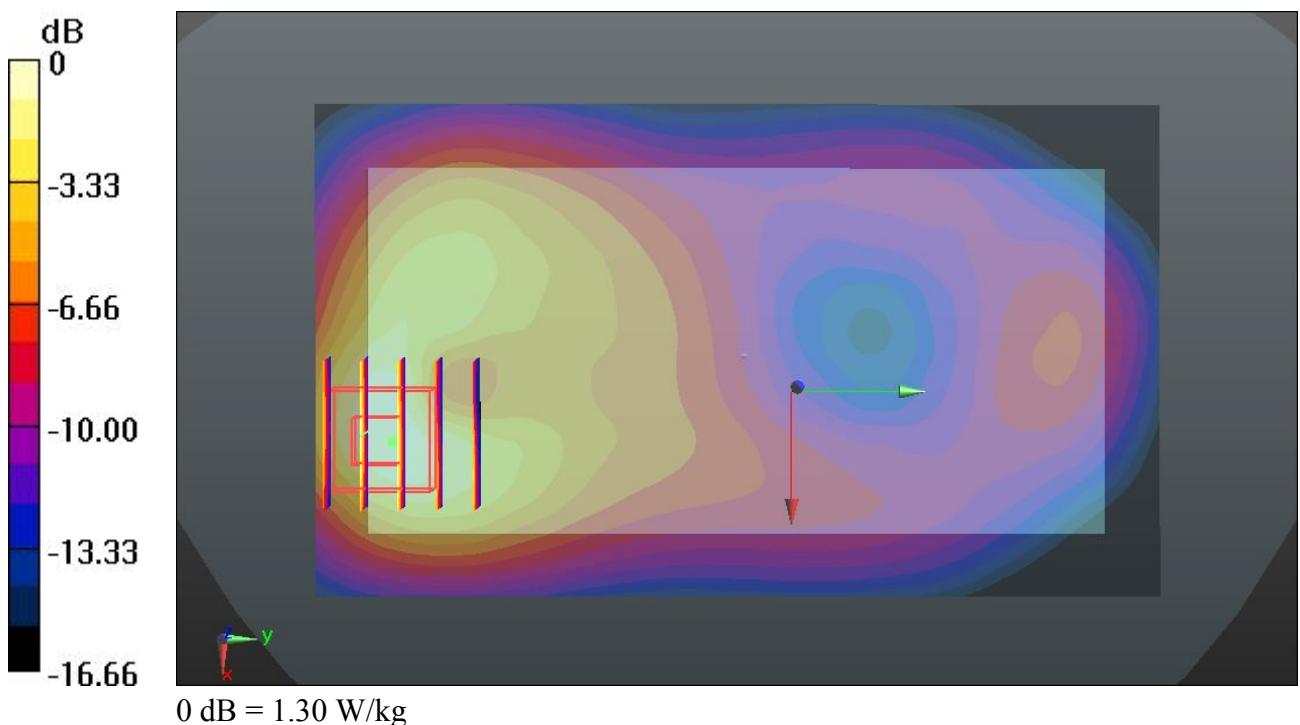
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.838 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.676 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.564 mW/g

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



#87 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch810

DUT: 332604

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 1.38 W/kg

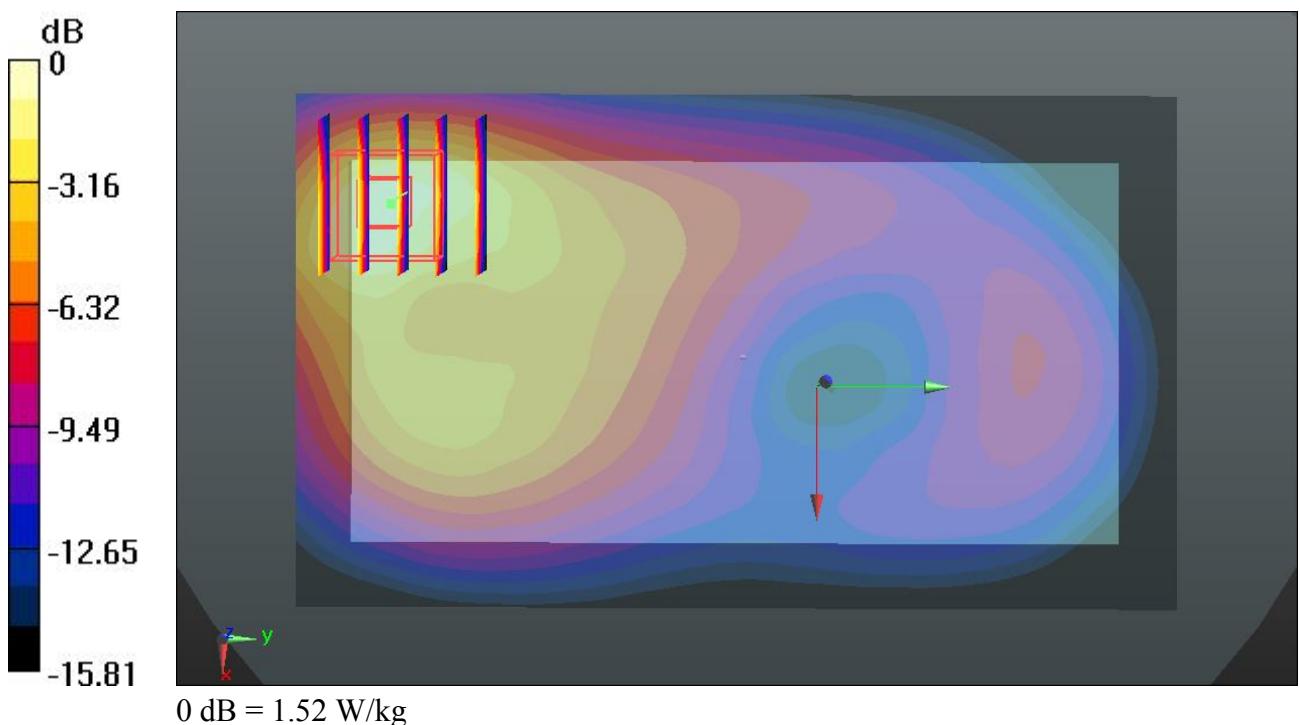
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.174 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.889 mW/g

SAR(1 g) = 1.120 mW/g; SAR(10 g) = 0.617 mW/g

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



#114 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch810_Repeat SAR**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

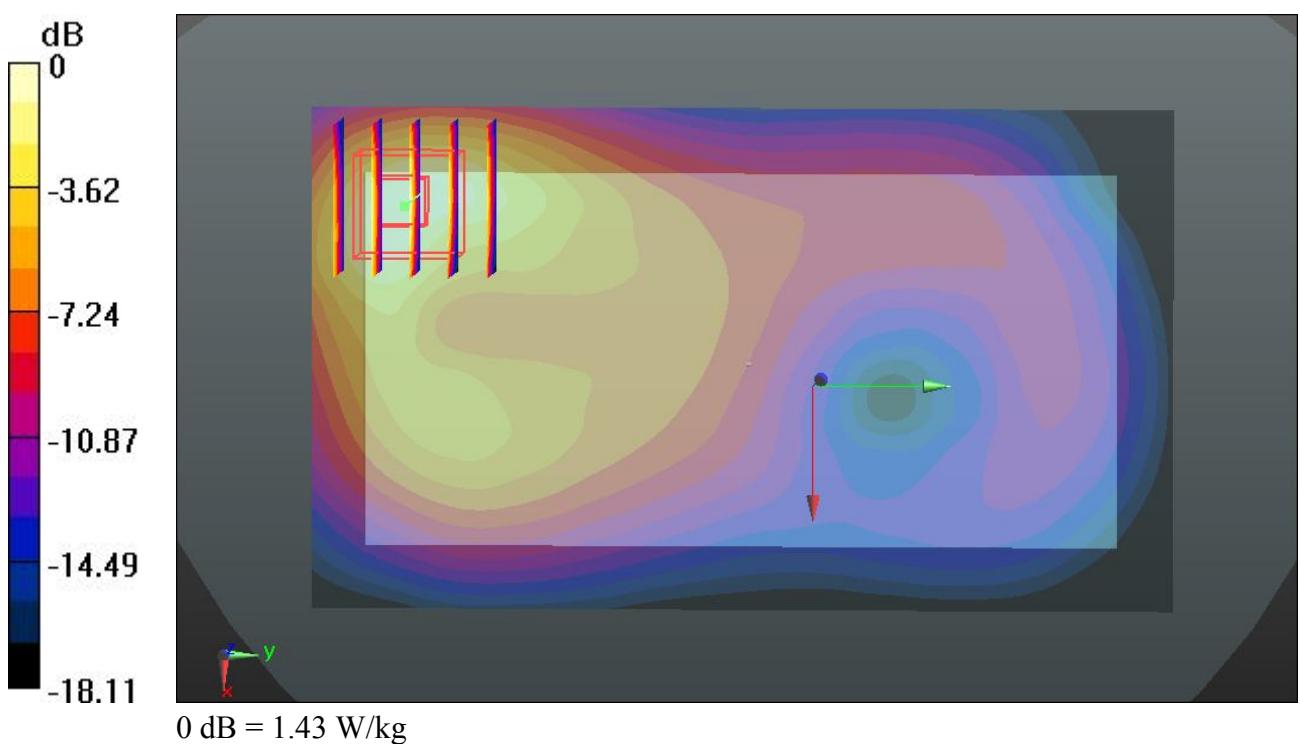
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.763 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.871 mW/g

SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.574 mW/g

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



#88 GSM1900_GPRS(3 Tx slots)_Right Side_1cm_Ch810**DUT: 332604**

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r =$ 53.873 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.681 W/kg

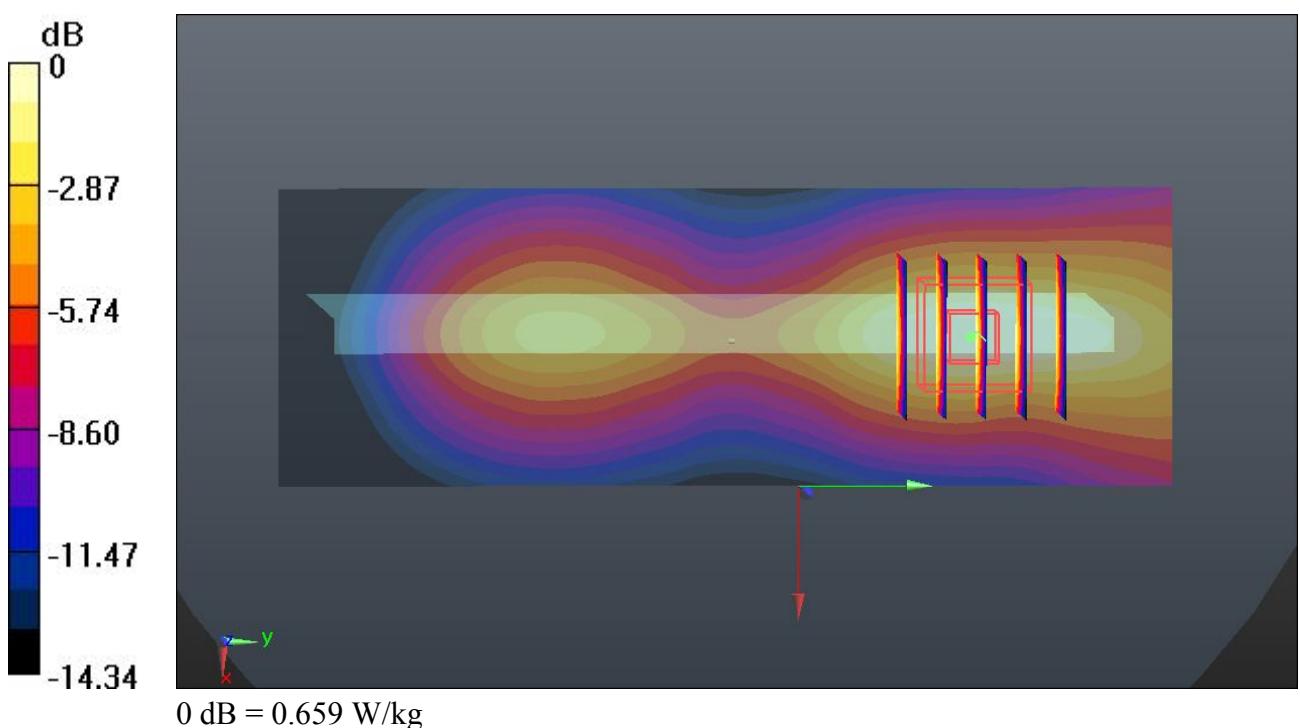
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.199 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.838 mW/g

SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 0.659 W/kg



#89 GSM1900_GPRS(3 Tx slots)_Bottom Side_1cm_Ch810

DUT: 332604

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.524$ mho/m; $\epsilon_r = 53.873$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 W/kg

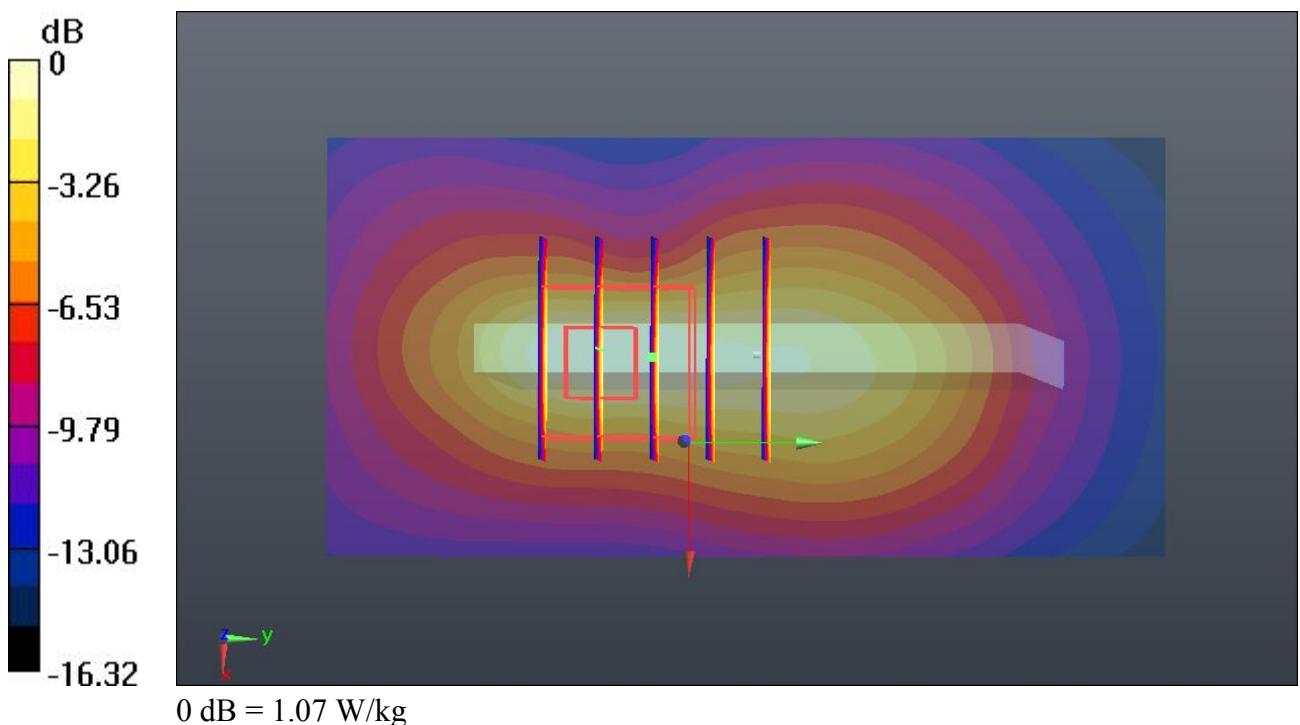
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.122 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.309 mW/g

SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 1.07 W/kg



#90 GSM1900_GPRS(3 Tx slots)_Front_1cm_Ch512**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130411 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 1.29 W/kg

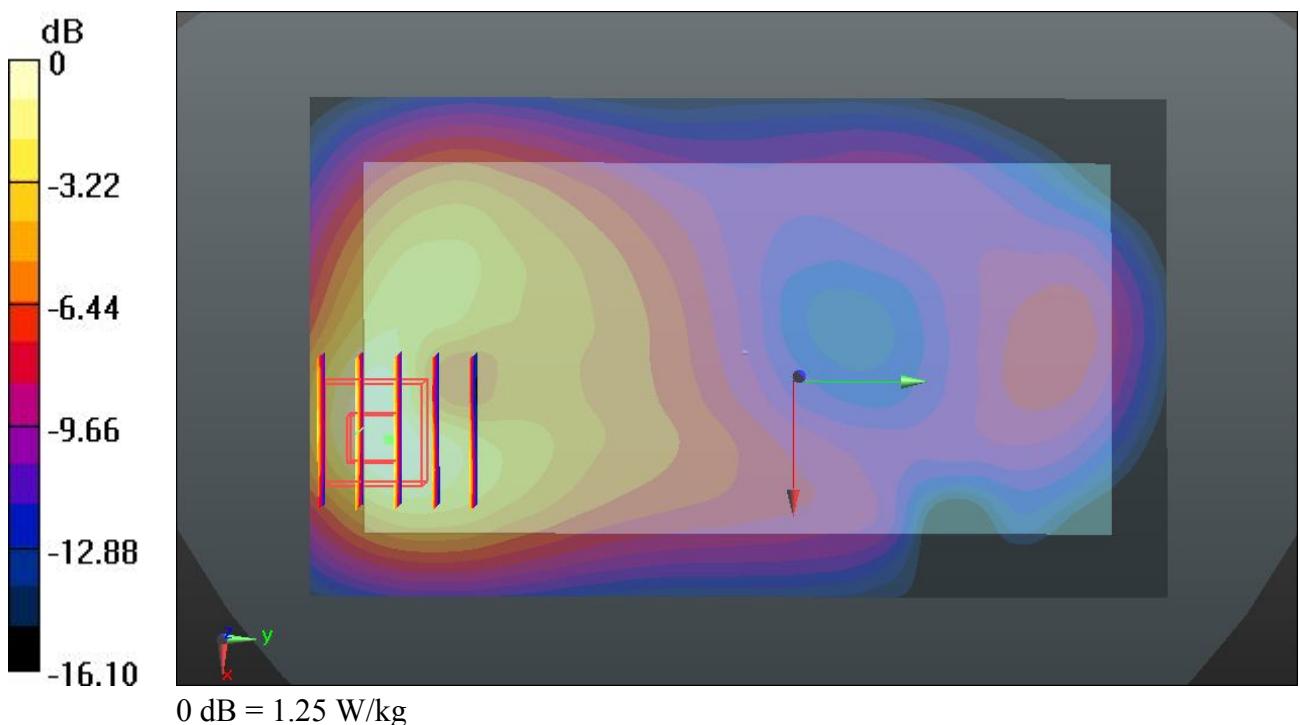
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.508 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.588 mW/g

SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.544 mW/g

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



#91 GSM1900_GPRS(3 Tx slots)_Front_1cm_Ch661**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1880 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 53.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 1.33 W/kg

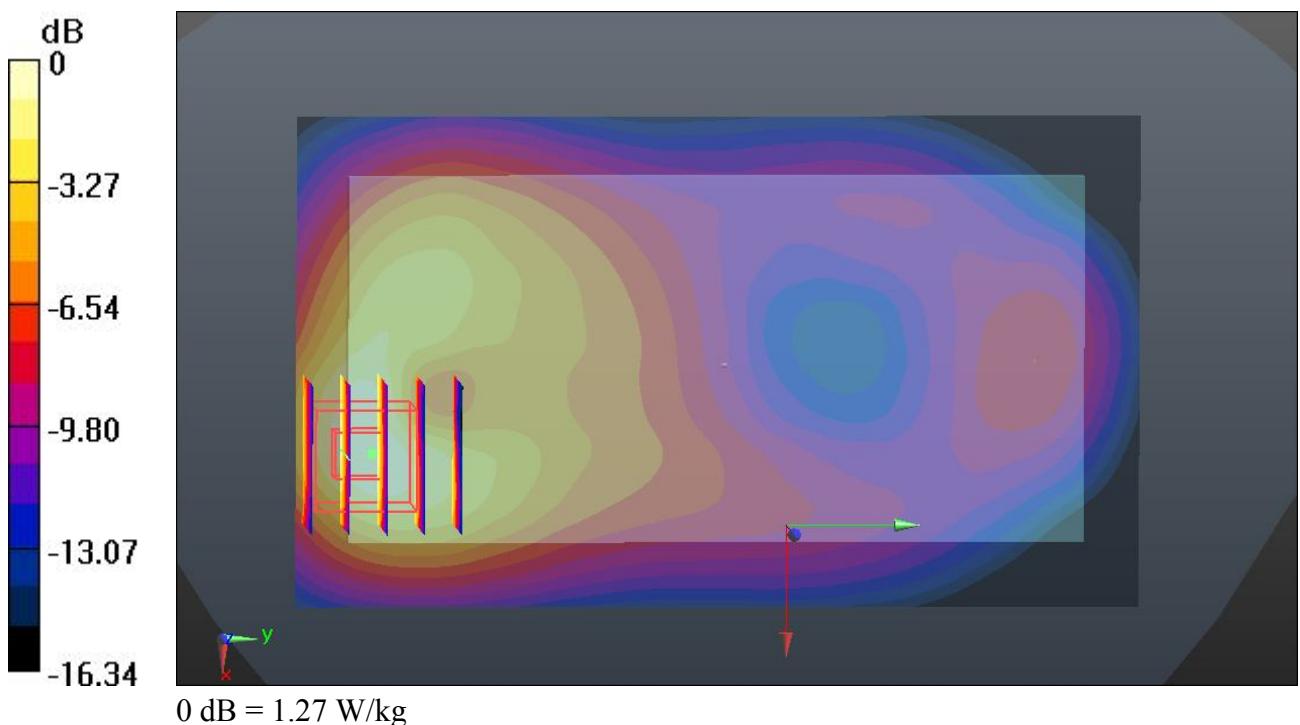
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.829 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.636 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.558 mW/g

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



#92 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch512**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130411 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 1.19 W/kg

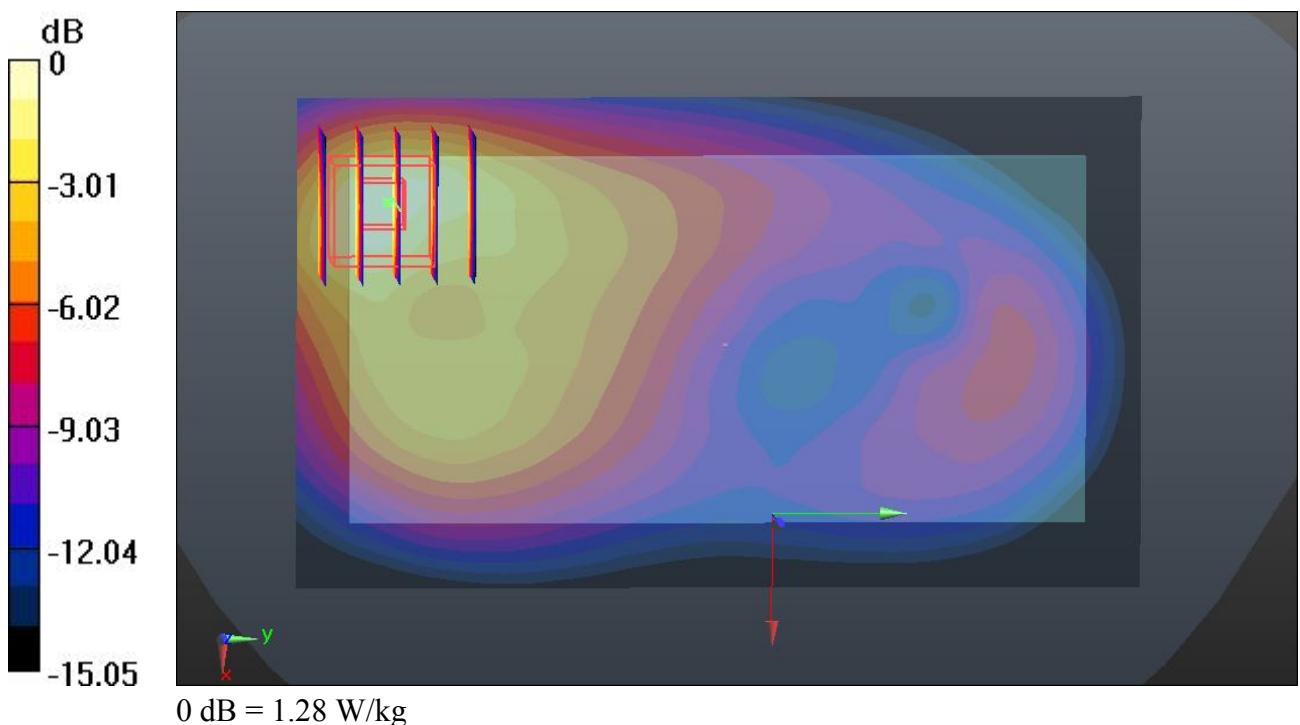
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.302 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.550 mW/g

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 1.28 W/kg



#93 GSM1900_GPRS(3 Tx slots)_Back_1cm_Ch661**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1880 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 53.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 1.29 W/kg

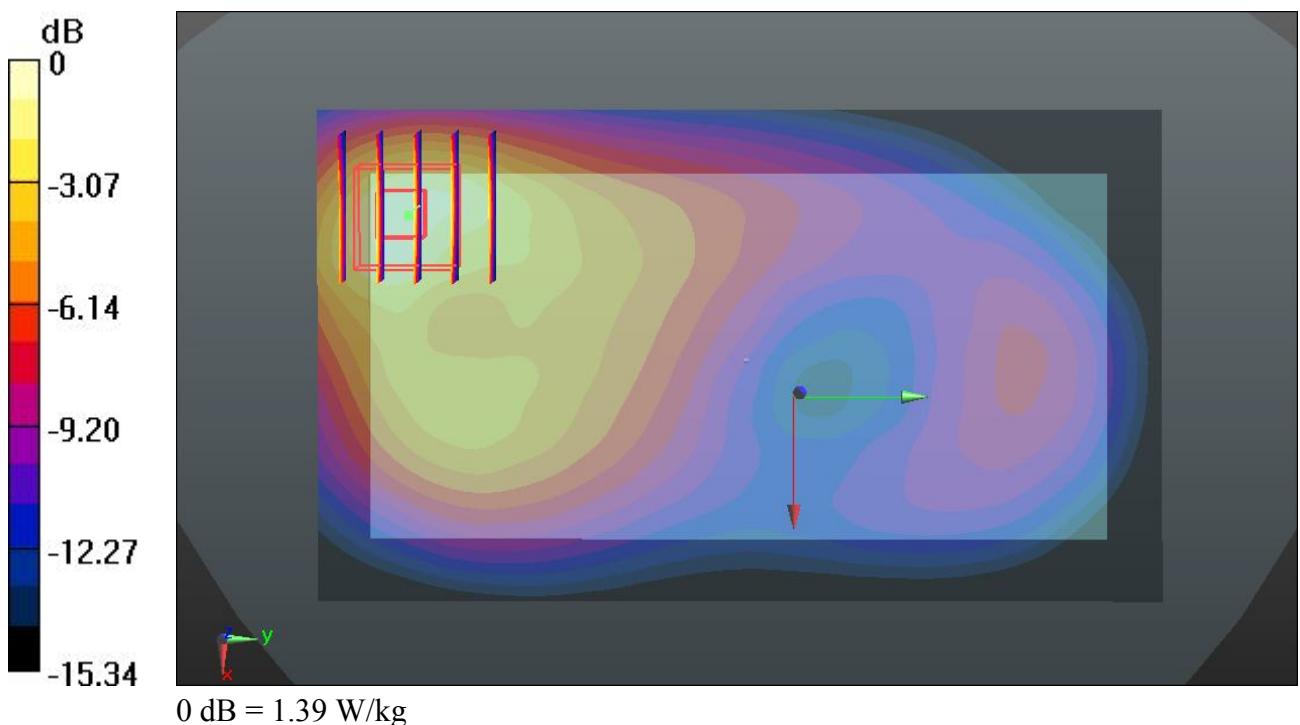
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.252 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.696 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.574 mW/g

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



#94 GSM1900_GPRS(3 Tx slots)_Bottom Side_1cm_Ch512**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130411 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.950 W/kg

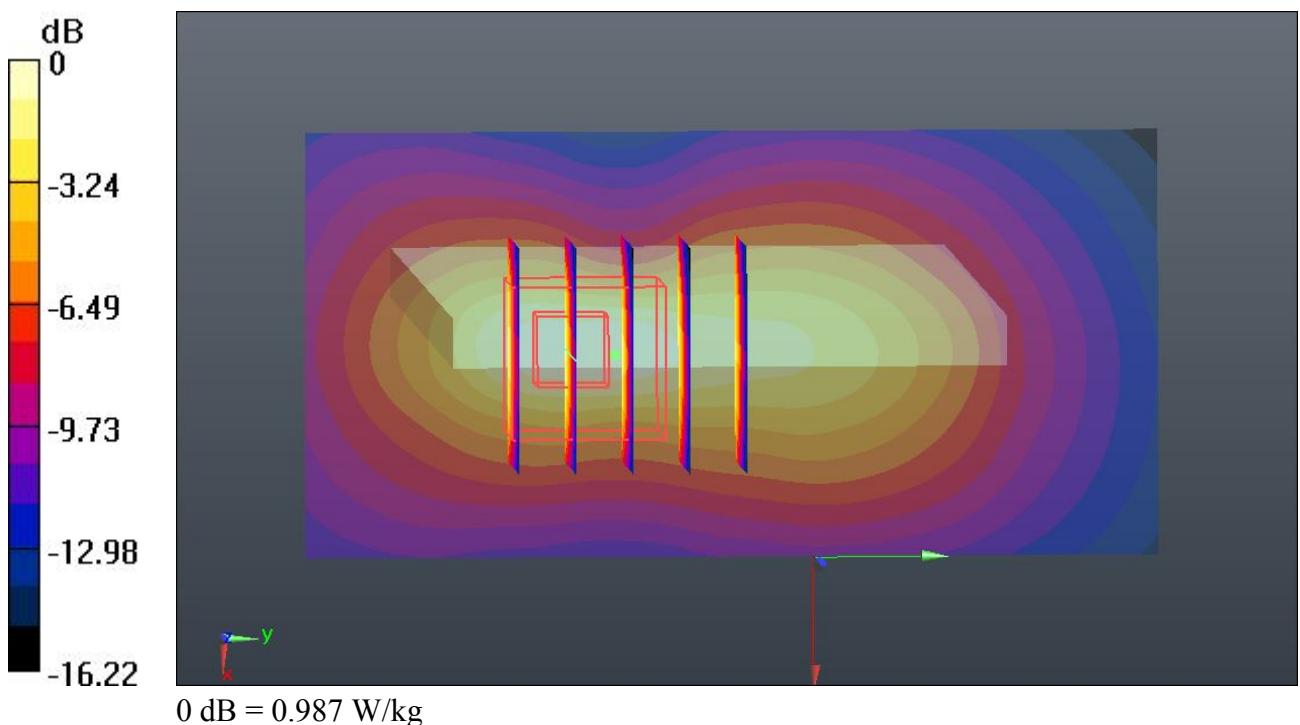
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.481 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.192 mW/g

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.987 W/kg



#95 GSM1900_GPRS(3 Tx slots)_Bottom Side_1cm_Ch661**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1880 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 53.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.968 W/kg

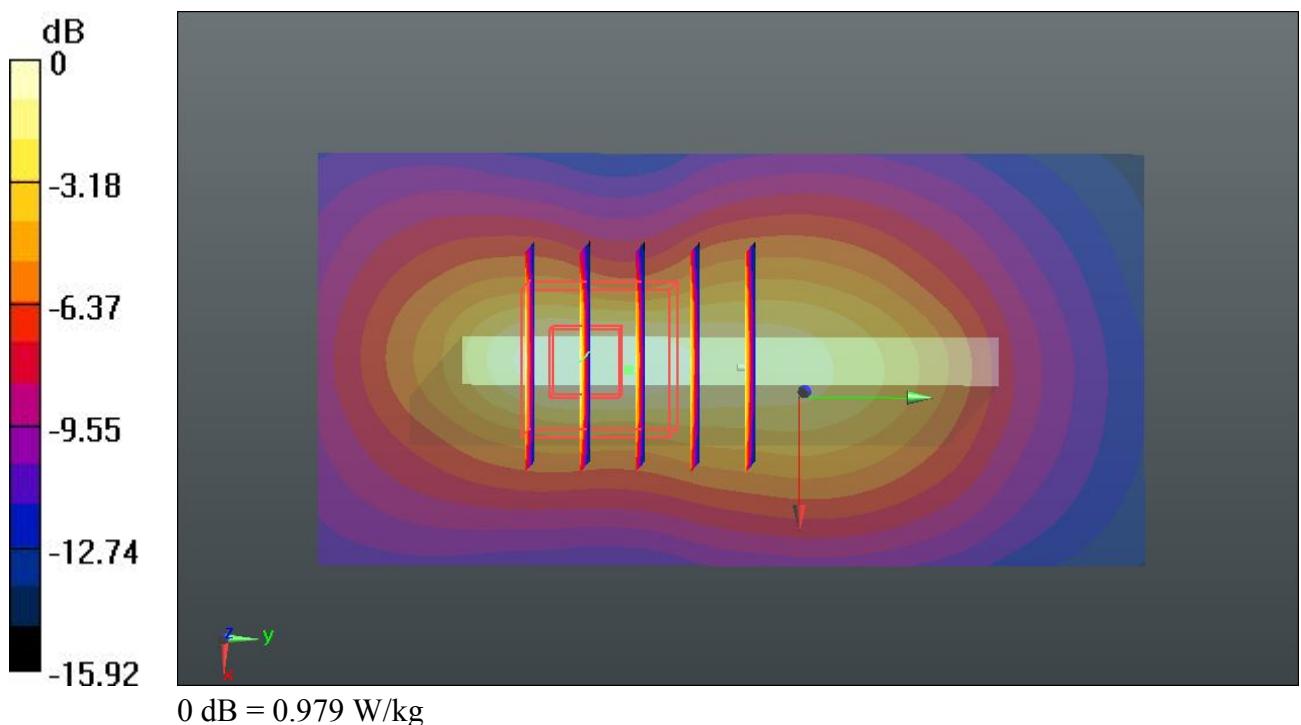
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.096 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.182 mW/g

SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 0.979 W/kg



#99 GSM1900_GSM Voice_Front_1cm_Ch810**DUT: 332604**

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.524 \text{ mho/m}$; $\epsilon_r = 53.873$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.936 W/kg

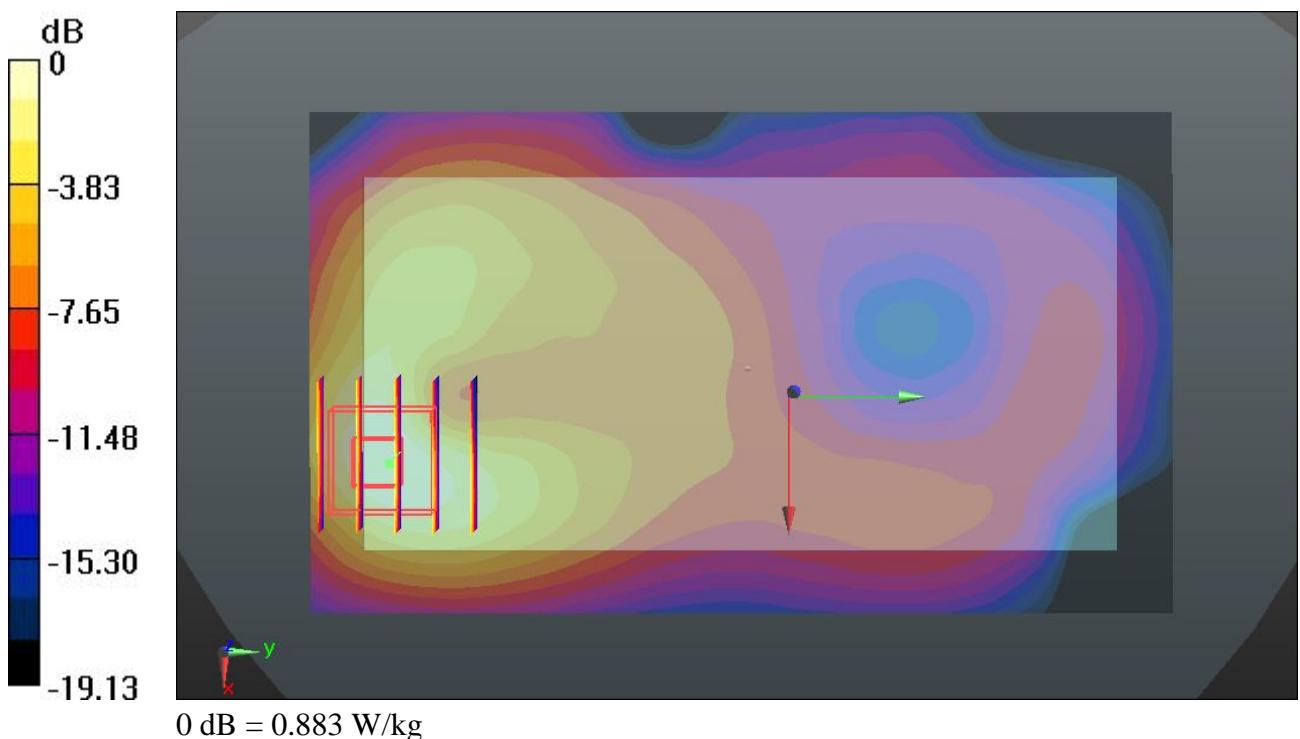
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.083 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.174 mW/g

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.883 W/kg



#100 GSM1900_GSM Voice_Front_1cm_Ch512

DUT: 332604

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.455 \text{ mho/m}$; $\epsilon_r = 54.031$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.904 W/kg

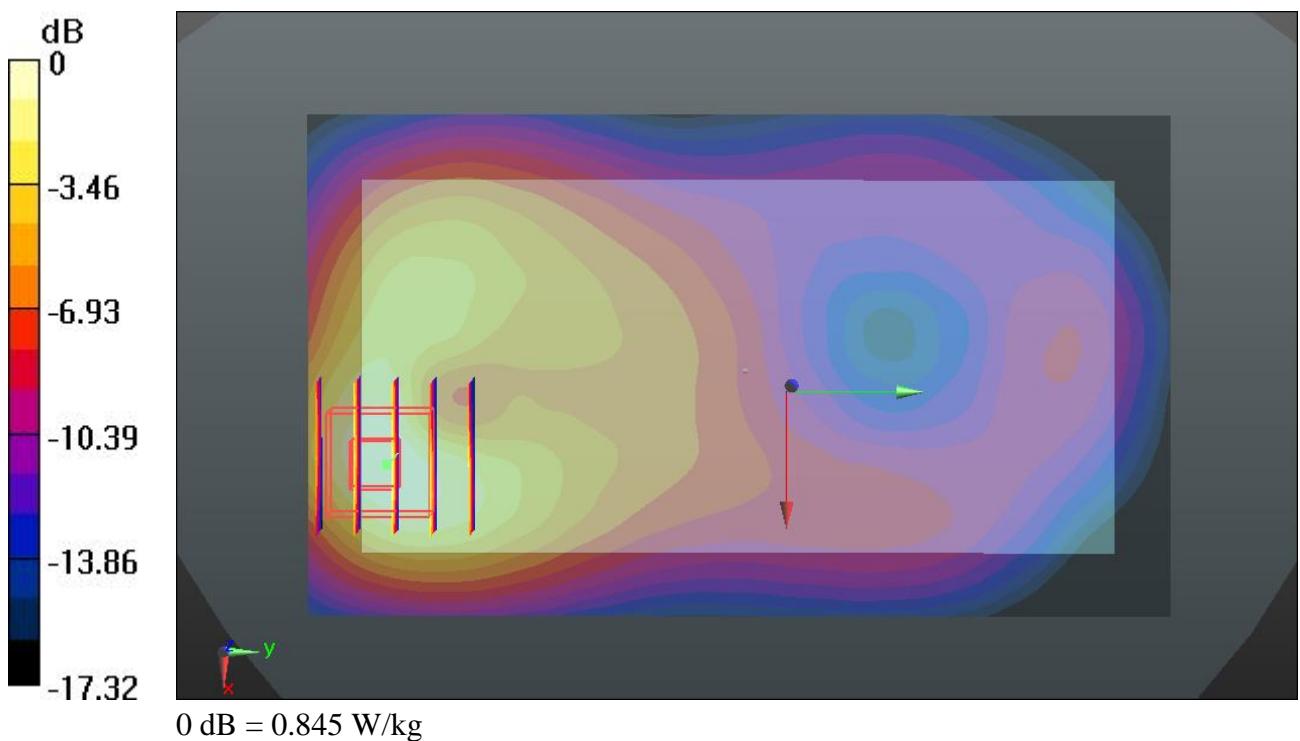
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.086 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.118 mW/g

SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.845 W/kg



#101 GSM1900_GSM Voice_Front_1cm_Ch661**DUT: 332604**

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.489 \text{ mho/m}$; $\epsilon_r = 53.955$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.928 W/kg

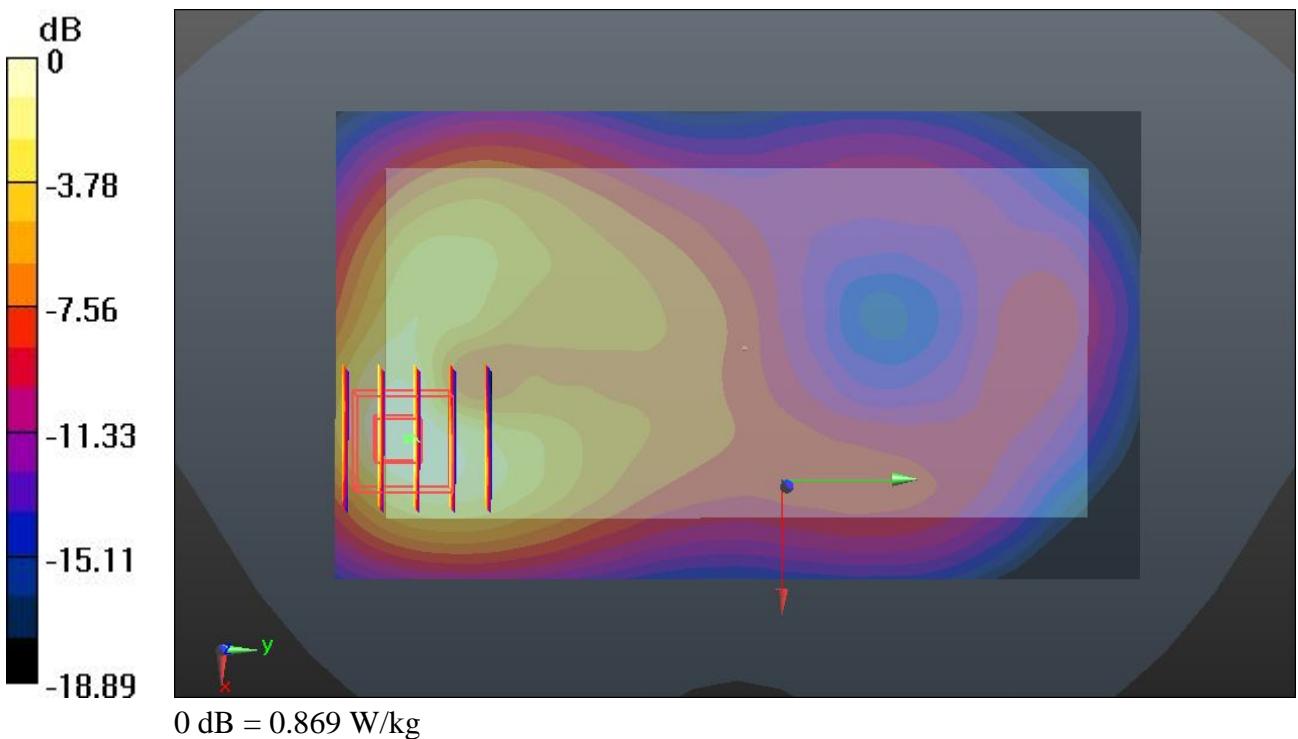
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.268 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.147 mW/g

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.869 W/kg



#96 GSM1900_GSM Voice_Back_1cm_Ch810**DUT: 332604**

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1910 \text{ MHz}$; $\sigma = 1.524 \text{ mho/m}$; $\epsilon_r = 53.873$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.921 W/kg

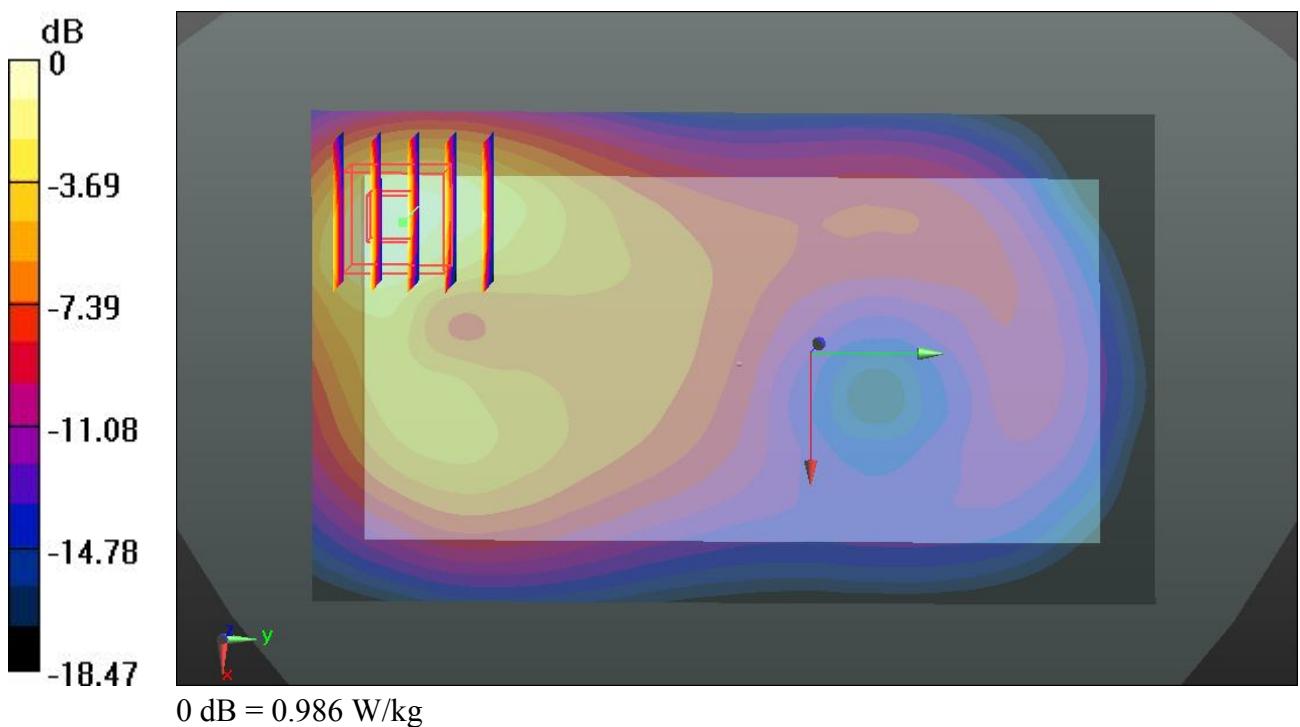
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.980 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.249 mW/g

SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.986 W/kg



#97 GSM1900_GSM Voice_Back_1cm_Ch512**DUT: 332604**

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.455$ mho/m; $\epsilon_r = 54.031$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.852 W/kg

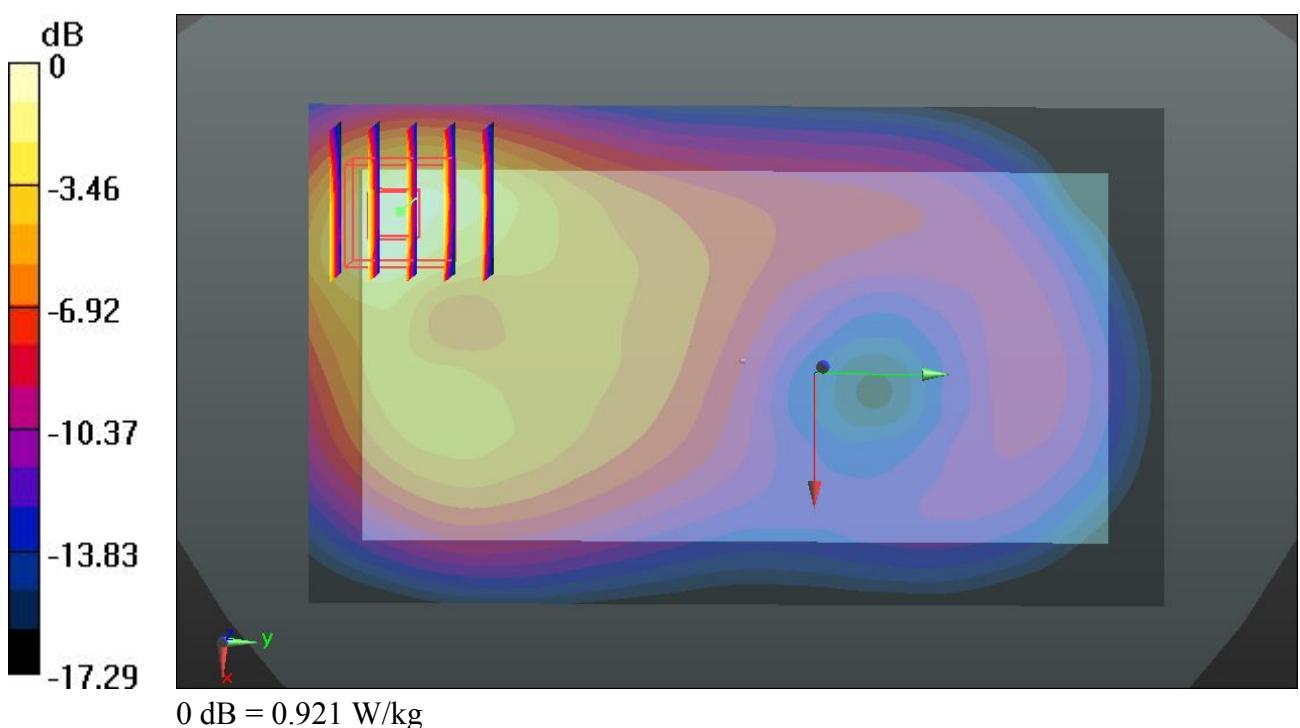
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.723 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.157 mW/g

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.358 mW/g

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



#98 GSM1900_GSM Voice_Back_1cm_Ch661**DUT: 332604**

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

Medium: MSL_1900_130411 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 53.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.7 °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: SAM1; Type: QD000P40CD; Serial: TP:1670
- 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) = 0.882 W/kg

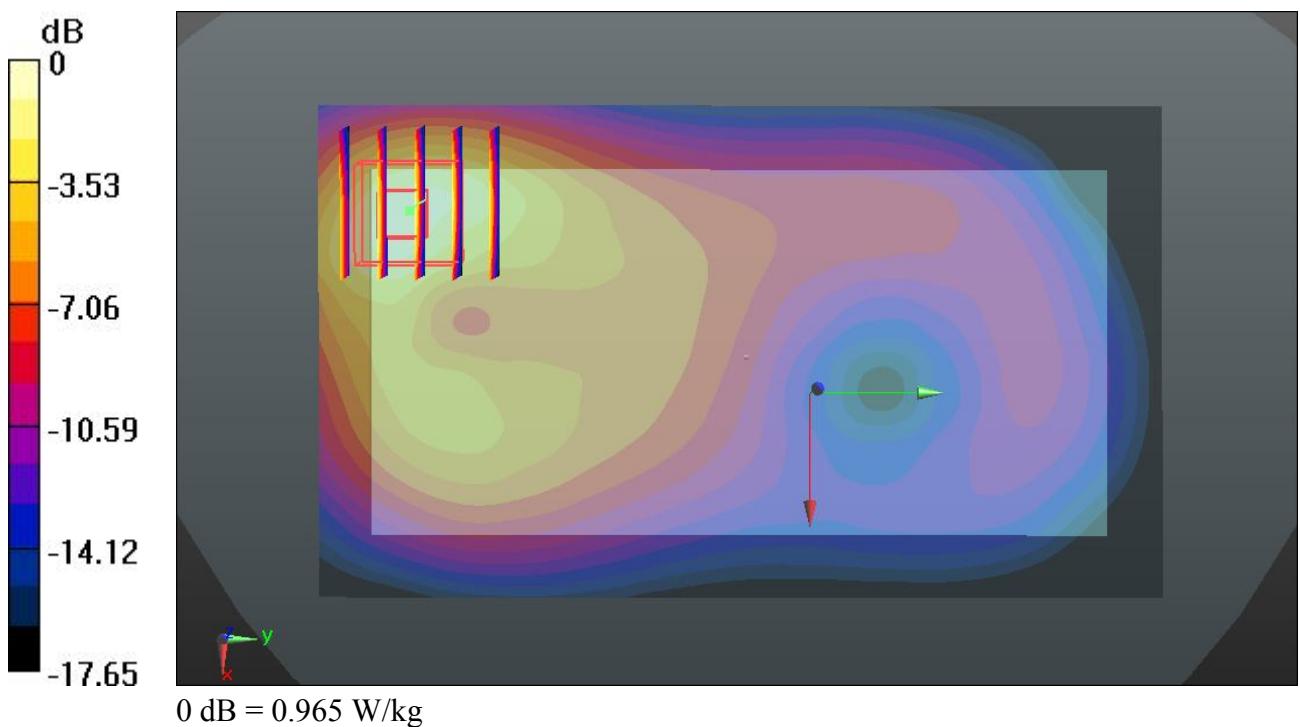
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.102 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.217 mW/g

SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.965 W/kg



#43 WCDMA Band V_RMC 12.2K_Front_1cm_Ch4182**DUT: 332604**

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

Medium: MSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.298$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.637 W/kg

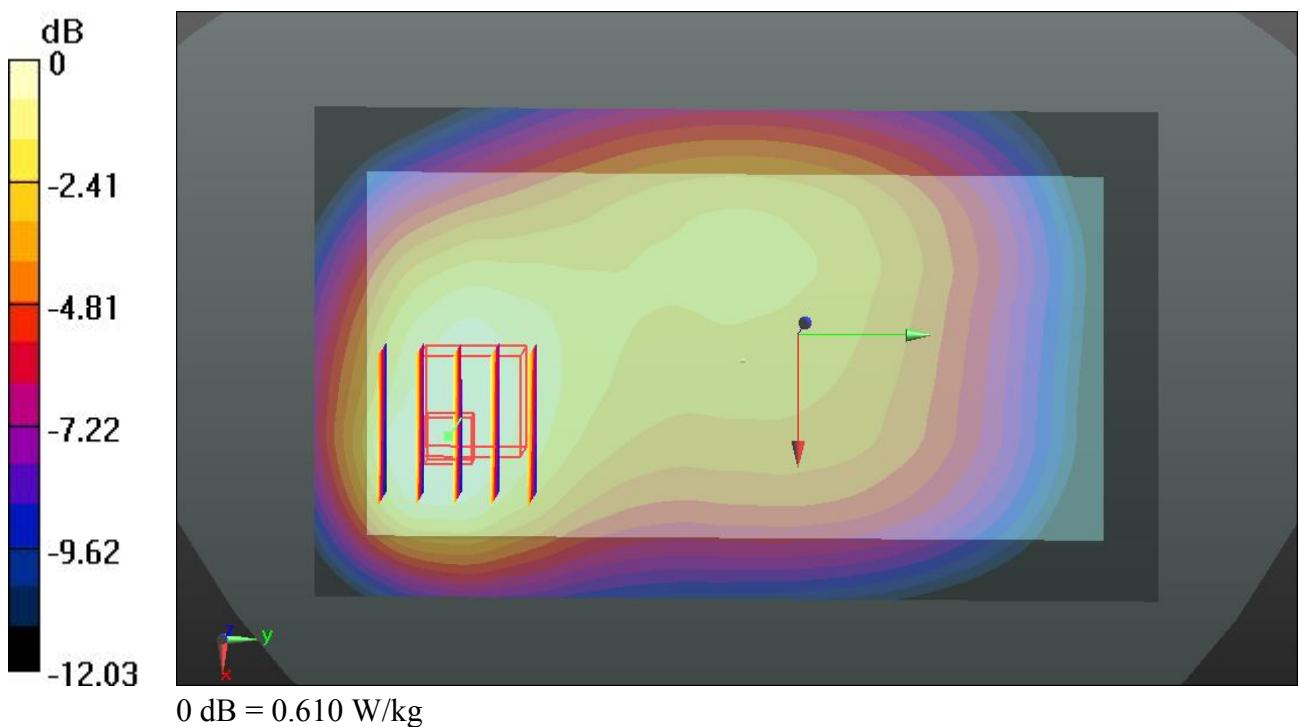
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.663 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.731 mW/g

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 0.610 W/kg



#44 WCDMA Band V_RMC 12.2K_Back_1cm_Ch4182**DUT: 332604**

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

Medium: MSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.298$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- 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) = 0.702 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.934 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.833 mW/g

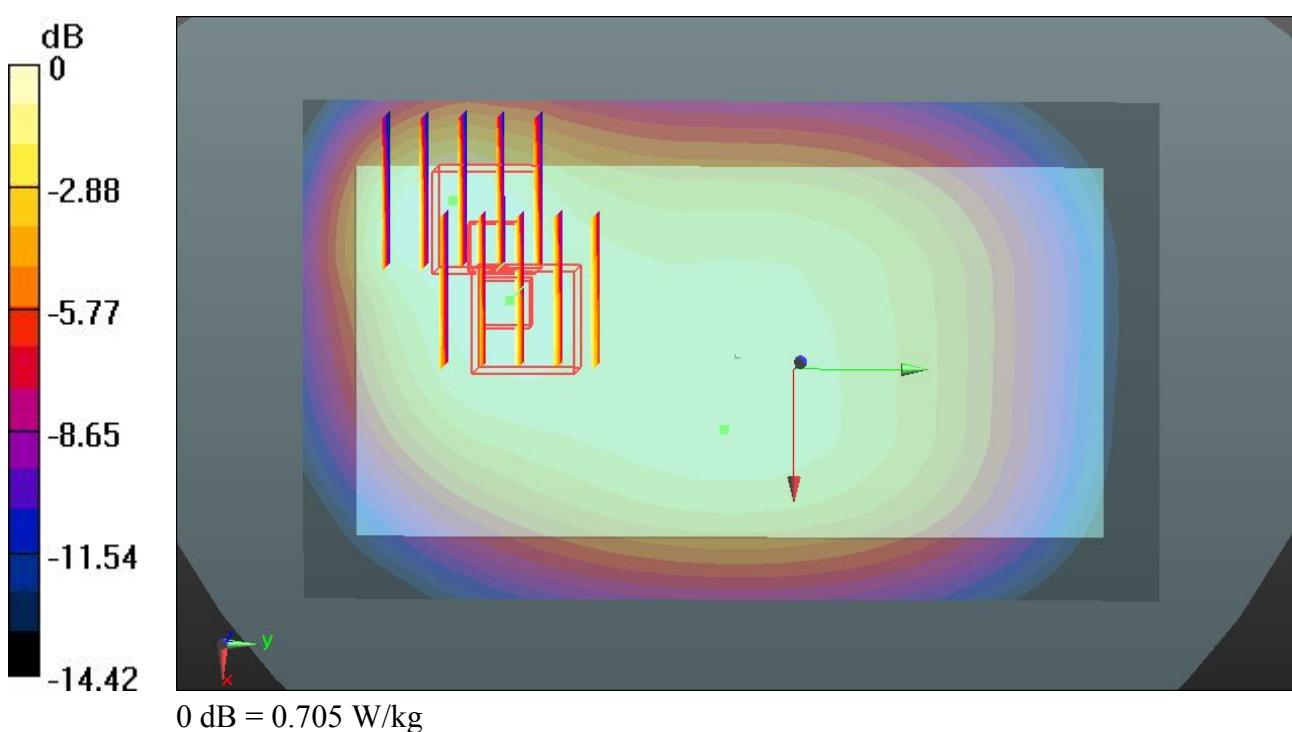
SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.421 mW/g

Maximum value of SAR (measured) = 0.705 W/kg

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

Reference Value = 26.934 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.831 mW/g

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.356 mW/g

#46 WCDMA Band V_RMC 12.2K_Rihgt Side_1cm_Ch4182**DUT: 332604**

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

Medium: MSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.298$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x121x1): Interpolated grid: dx=15mm, dy=15mm

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

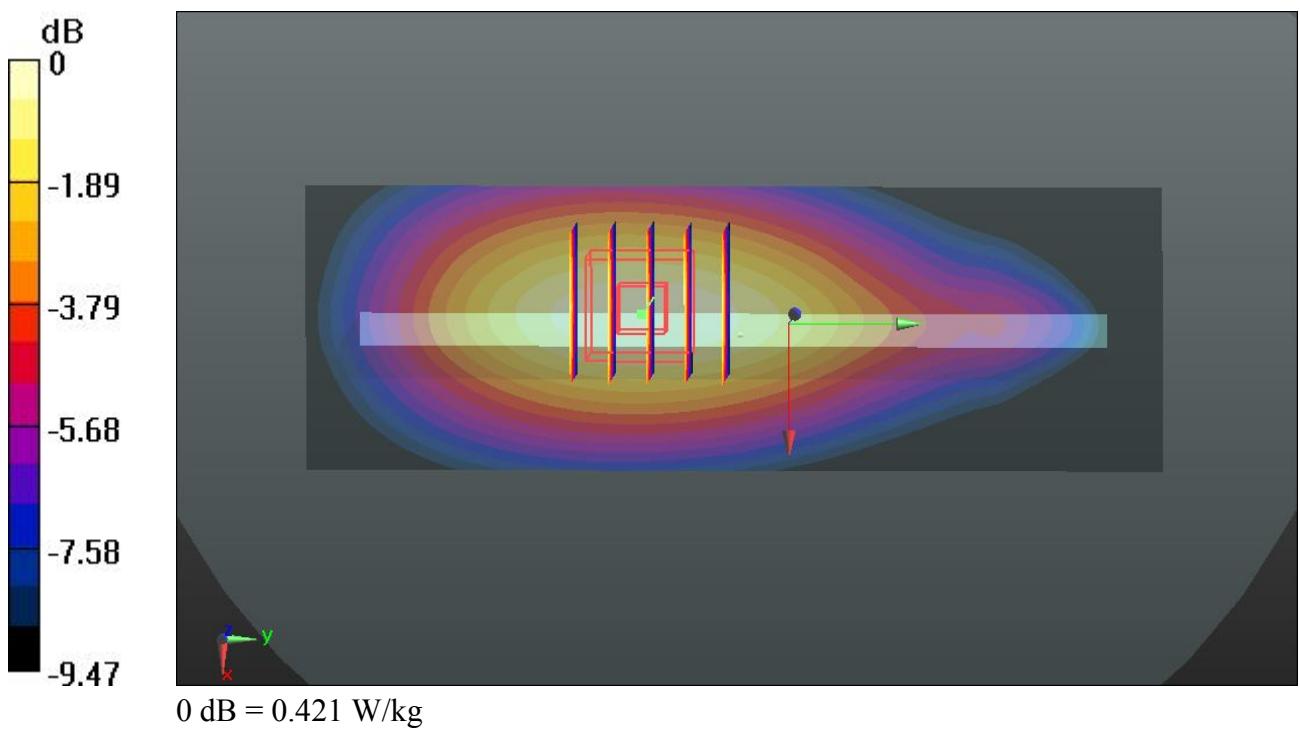
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.274 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.485 mW/g

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.421 W/kg



#47 WCDMA Band V_RMC 12.2K_Bottom Side_1cm_Ch4182**DUT: 332604**

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

Medium: MSL_835_130409 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 54.298$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 21.6 °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: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.611 W/kg

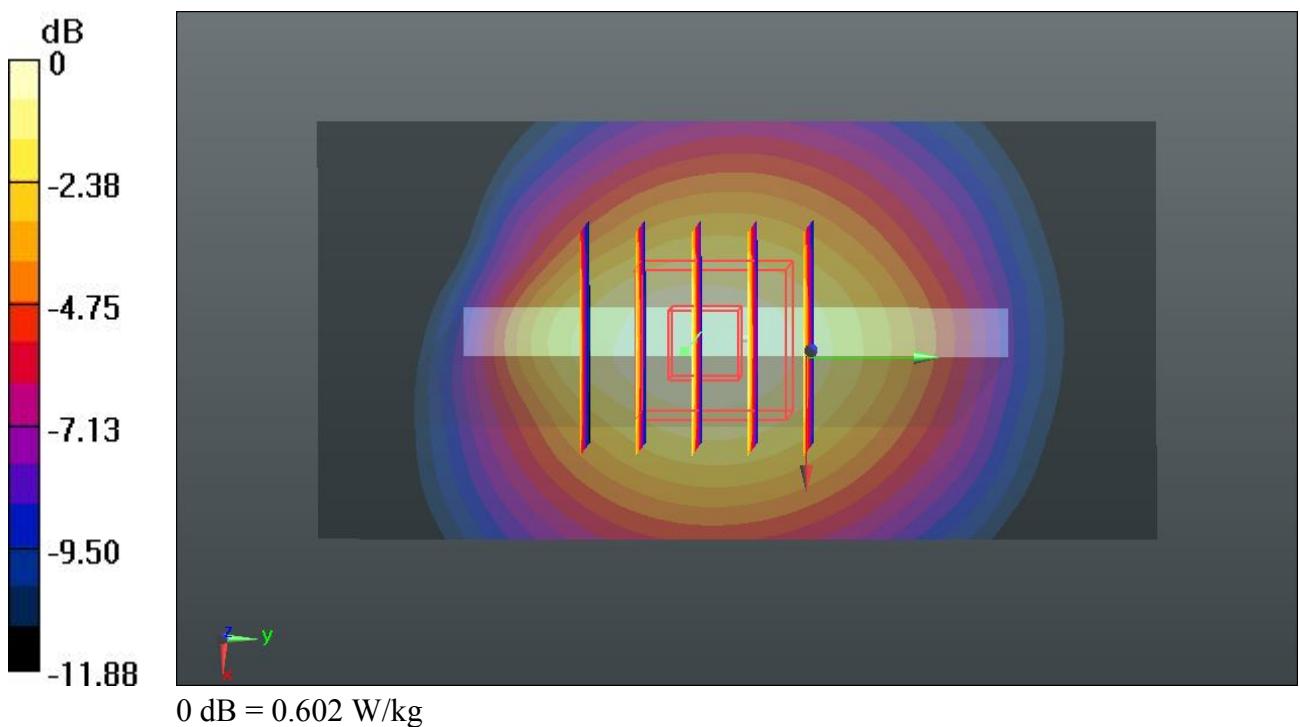
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.355 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.695 mW/g

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.602 W/kg



#118 WCDMA Band IV_RMC 12.2K_Front_1cm_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.474$ mho/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

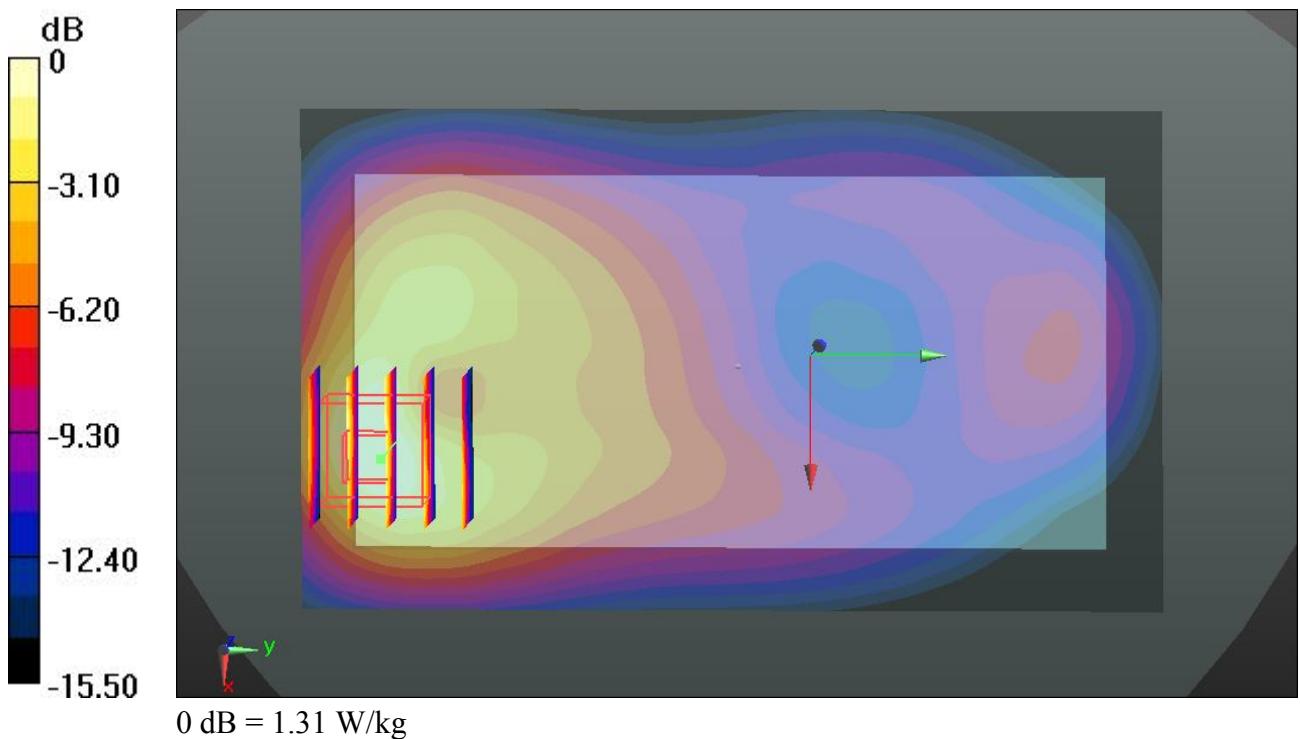
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.178 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.682 mW/g

SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.573 mW/g

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



#119 WCDMA Band IV_RMC 12.2K_Back_1cm_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.474$ mho/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1312/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

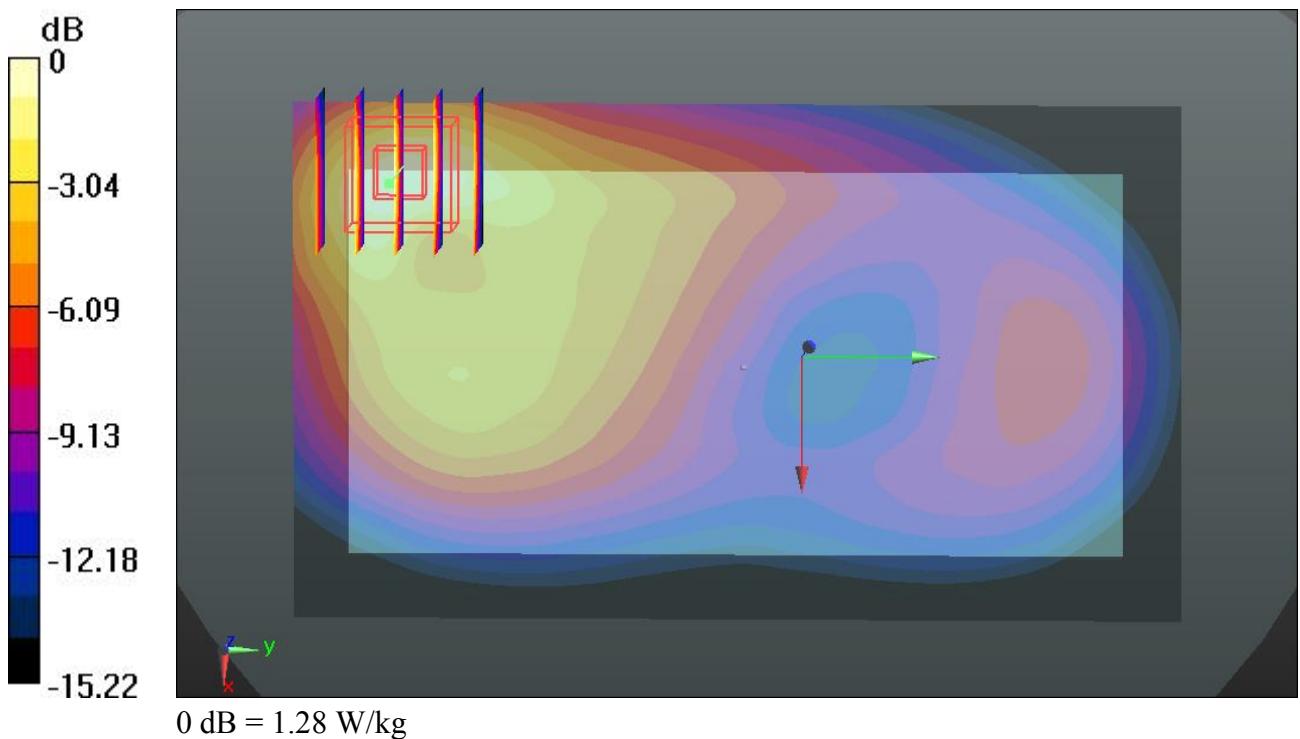
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.635 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.545 mW/g

SAR(1 g) = 0.942 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.28 W/kg



#120 WCDMA Band IV_RMC 12.2K_Right Side_1cm_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.474$ mho/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1312/Area Scan (41x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.589 W/kg

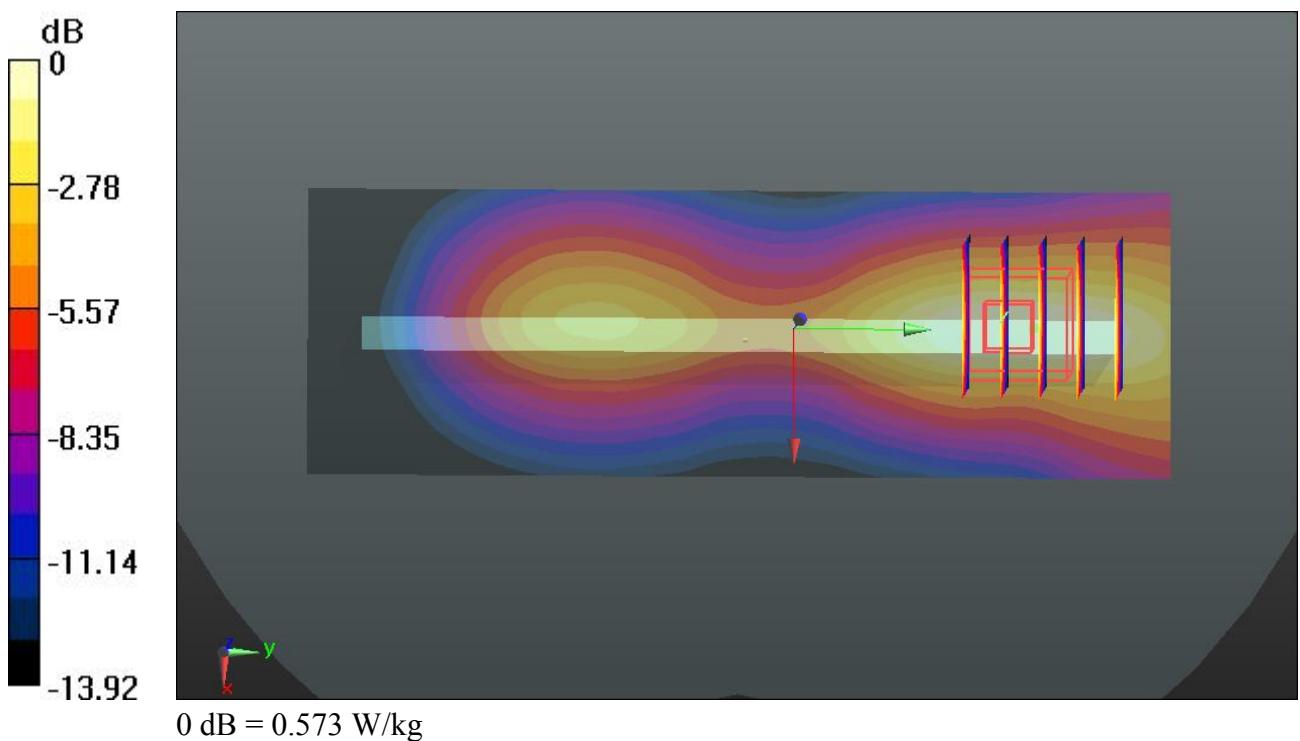
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.064 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.699 mW/g

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.253 mW/g

Maximum value of SAR (measured) = 0.573 W/kg



#121 WCDMA Band IV_RMC 12.2K_Bottom Side_1cm_Ch1312**DUT: 332604**

Communication System: UMTS; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.474$ mho/m; $\epsilon_r = 55.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1312/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.989 W/kg

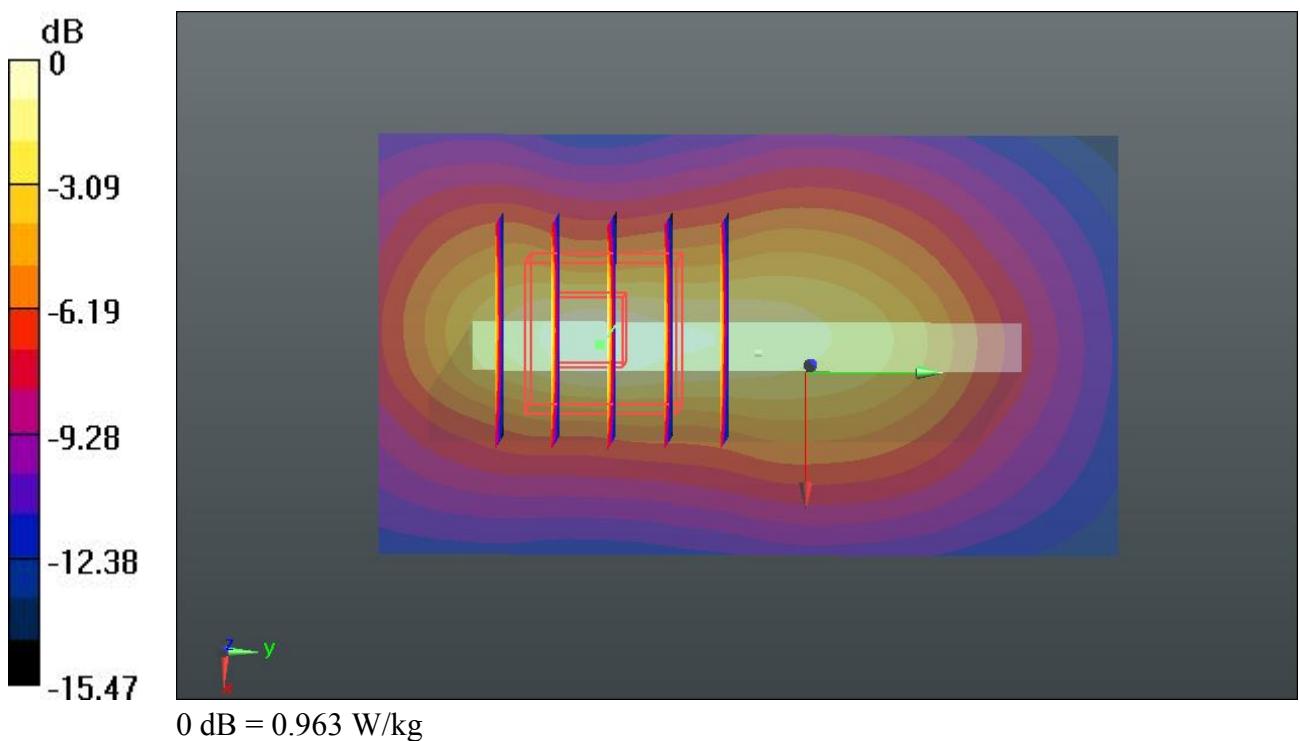
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.943 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.171 mW/g

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.963 W/kg



#122 WCDMA Band IV_RMC 12.2K_Front_1cm_Ch1413

DUT: 332604

Communication System: UMTS; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 55.275$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1413/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

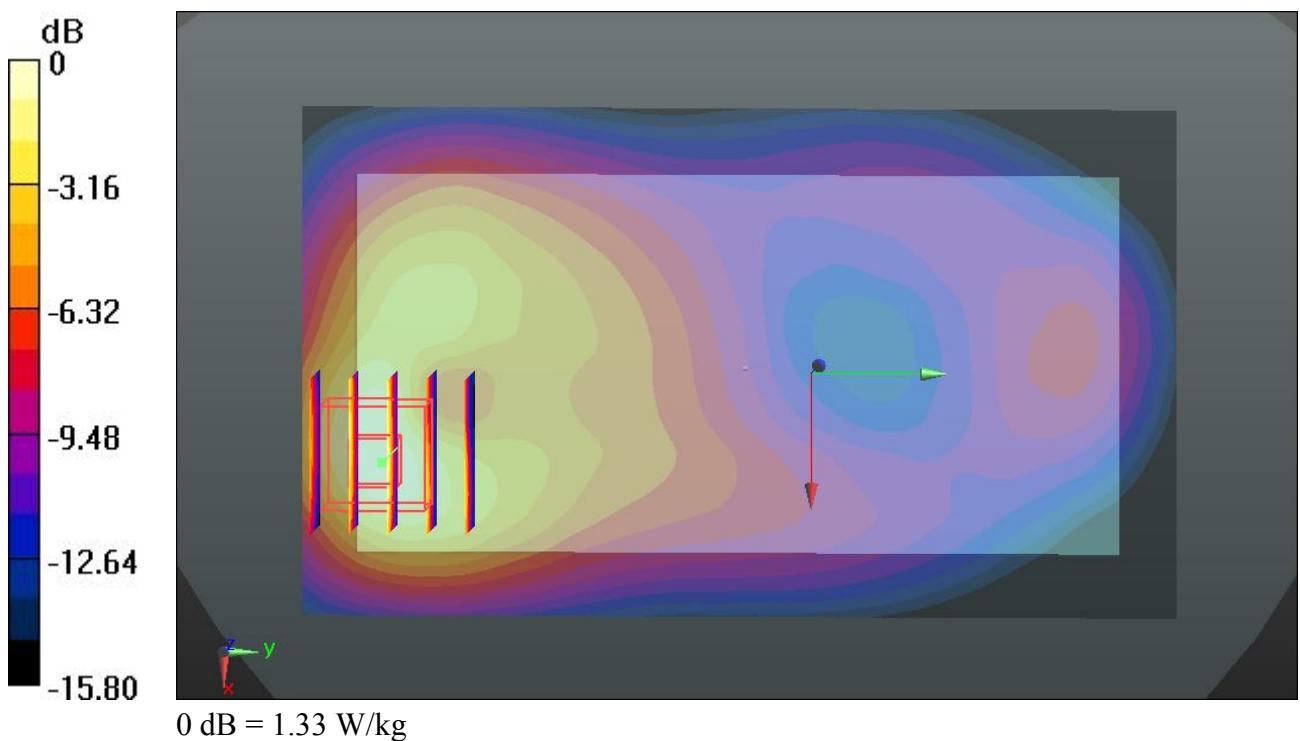
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.141 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.696 mW/g

SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.573 mW/g

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



#123 WCDMA Band IV_RMC 12.2K_Front_1cm_Ch1513**DUT: 332604**

Communication System: UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.518$ mho/m; $\epsilon_r = 55.243$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

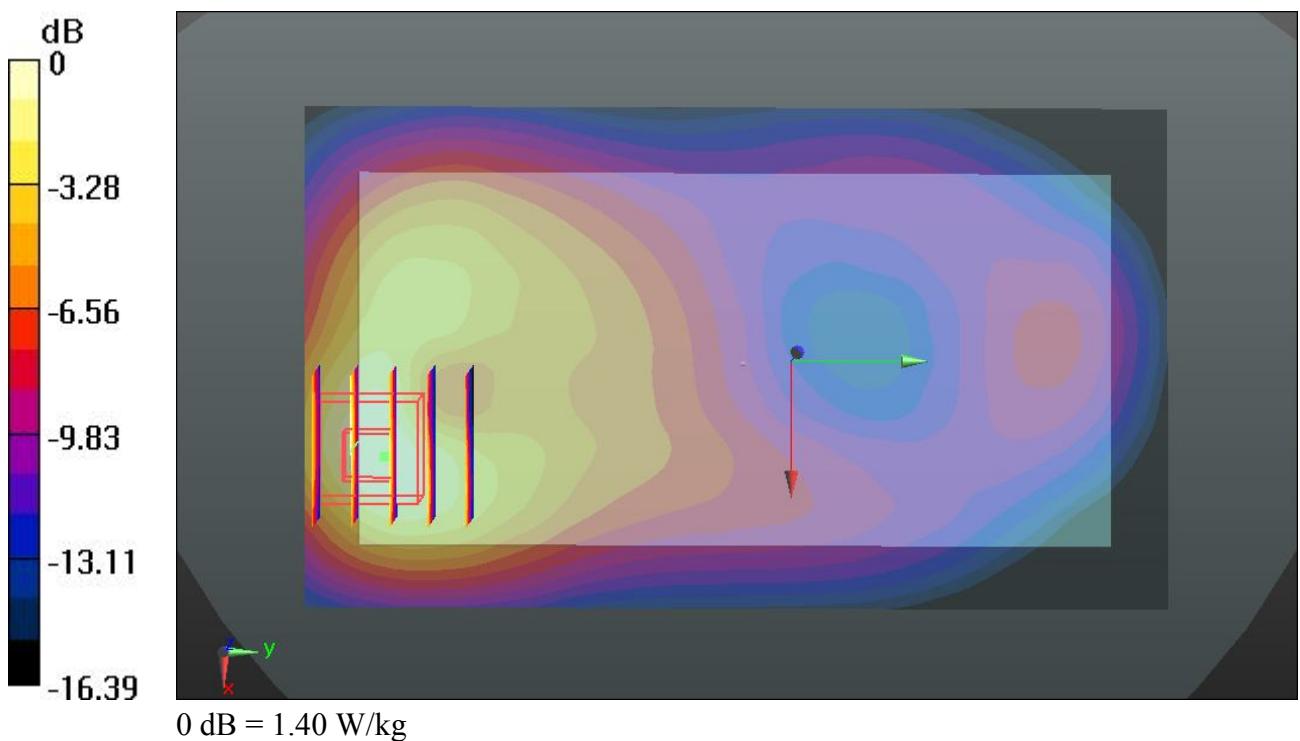
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.595 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.793 mW/g

SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.596 mW/g

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



#126 WCDMA Band IV_RMC 12.2K_Front_1cm_Ch1513_Repeat SAR**DUT: 332604**

Communication System: UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.518$ mho/m; $\epsilon_r = 55.243$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

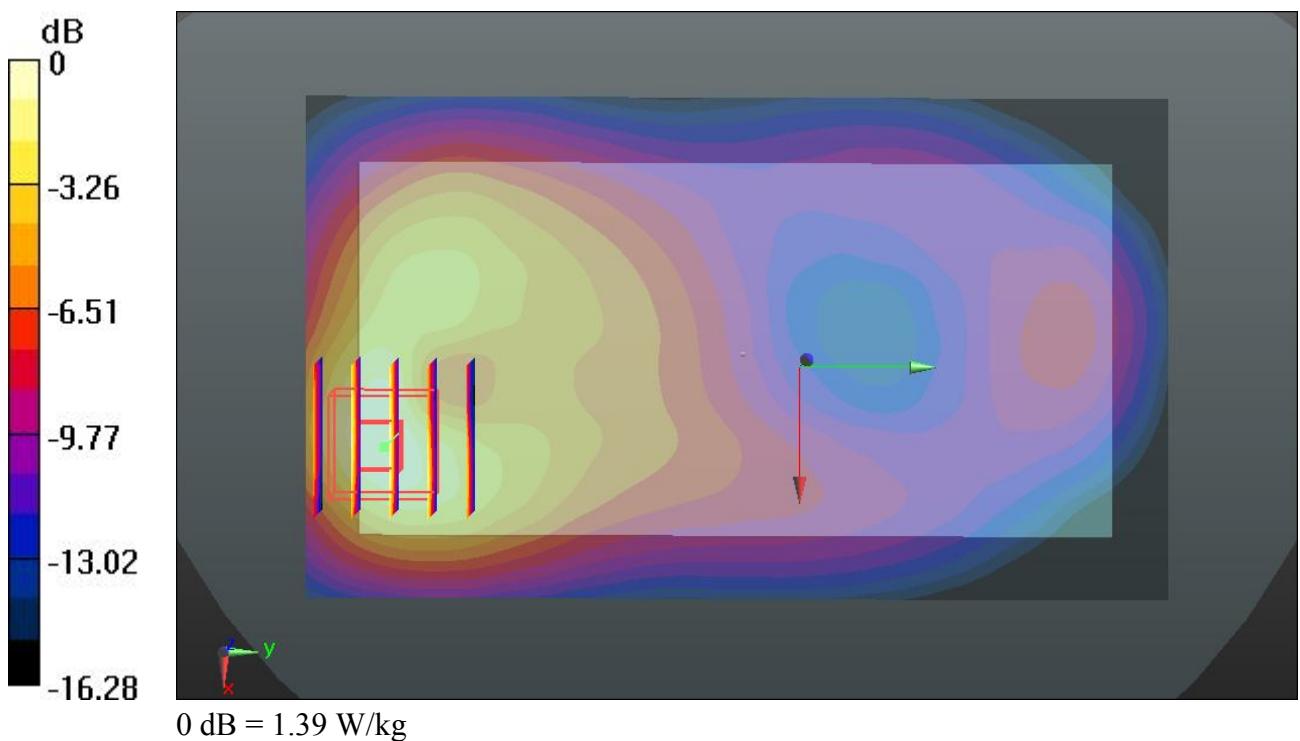
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.517 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.759 mW/g

SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.591 mW/g

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



#124 WCDMA Band IV_RMC 12.2K_Back_1cm_Ch1413**DUT: 332604**

Communication System: UMTS; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.496$ mho/m; $\epsilon_r = 55.275$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1413/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

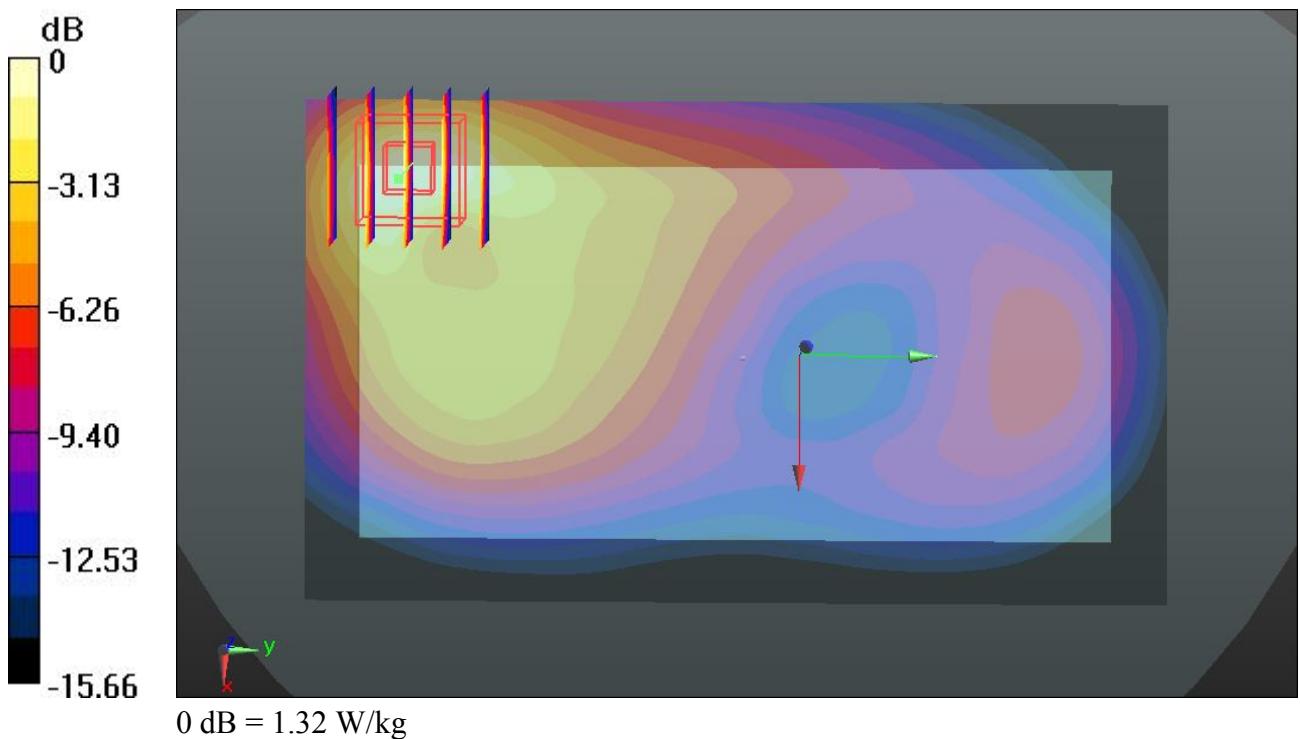
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.949 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.596 mW/g

SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.543 mW/g

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



#125 WCDMA Band IV_RMC 12.2K_Back_1cm_Ch1513**DUT: 332604**

Communication System: UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1800_130427 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.518$ mho/m; $\epsilon_r = 55.243$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); 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)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

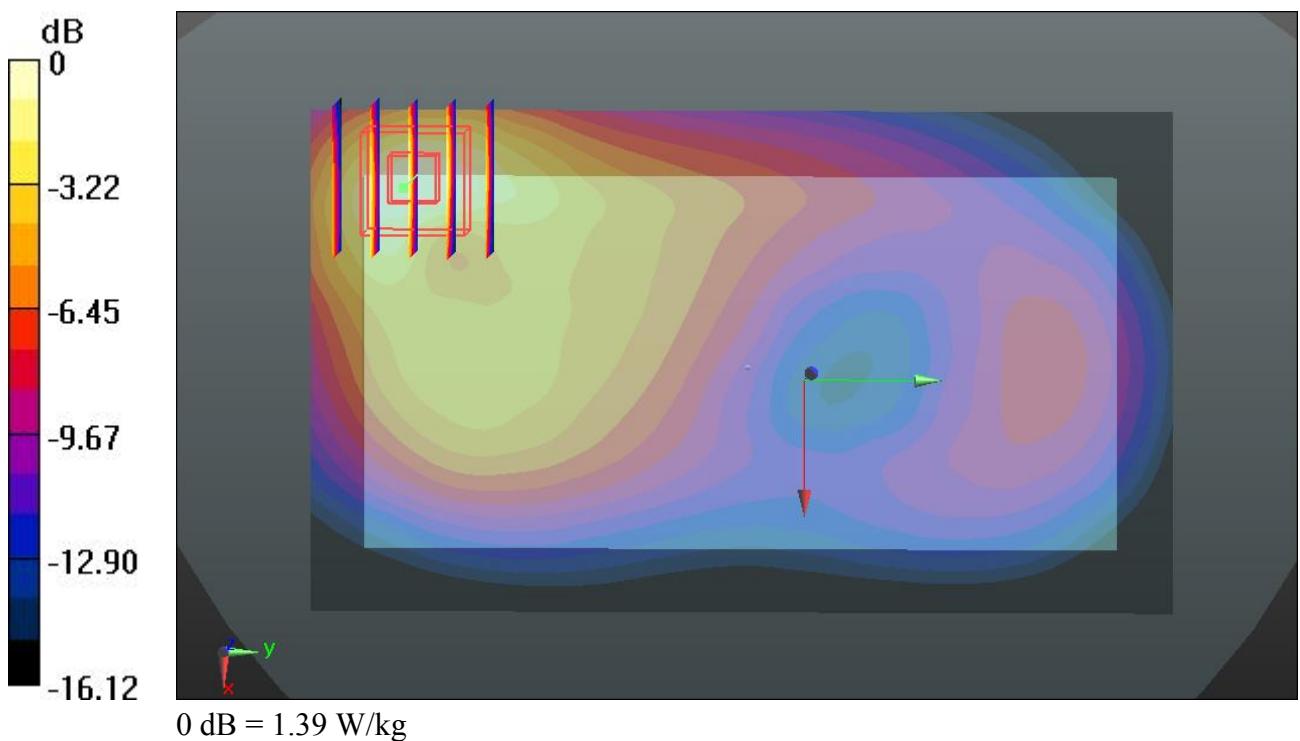
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.471 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.687 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.565 mW/g

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



#106 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9538**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.527 \text{ mho/m}$; $\epsilon_r = 53.556$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

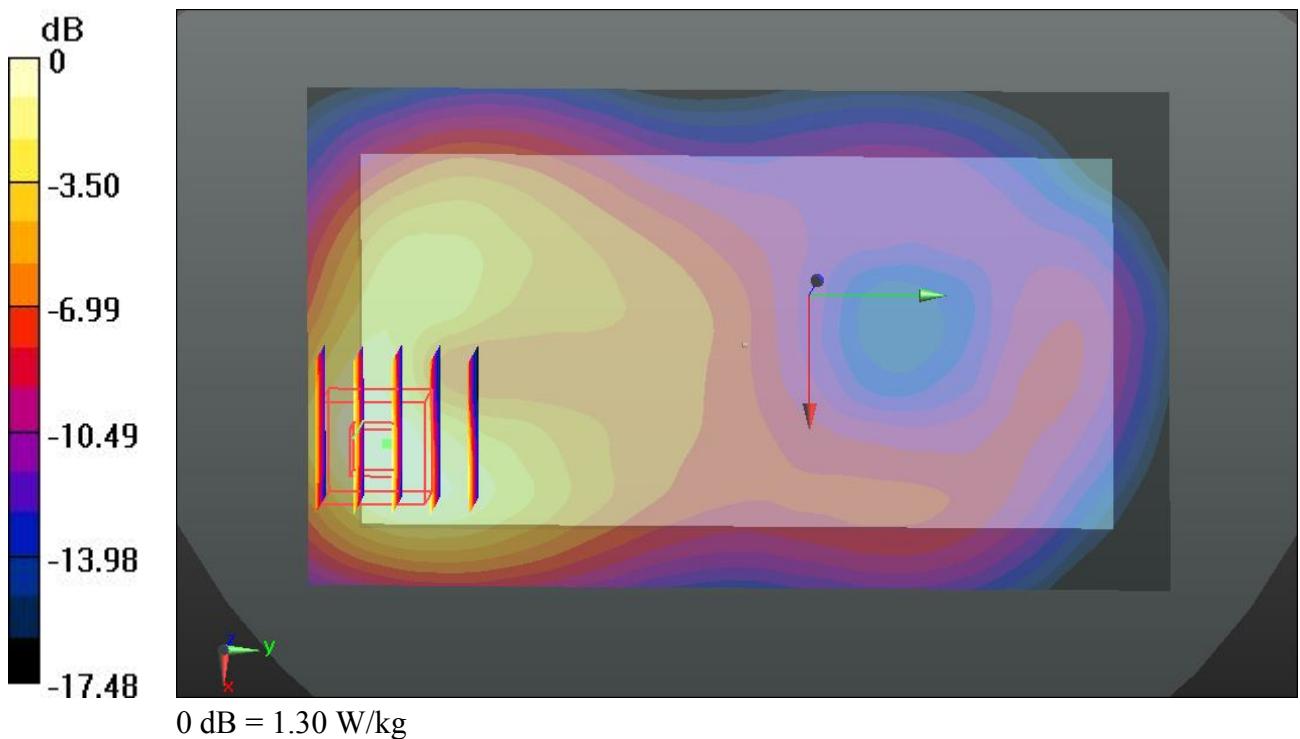
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.389 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.698 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.547 mW/g

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



#107 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9538

DUT: 332604

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.527 \text{ mho/m}$; $\epsilon_r = 53.556$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.45 W/kg

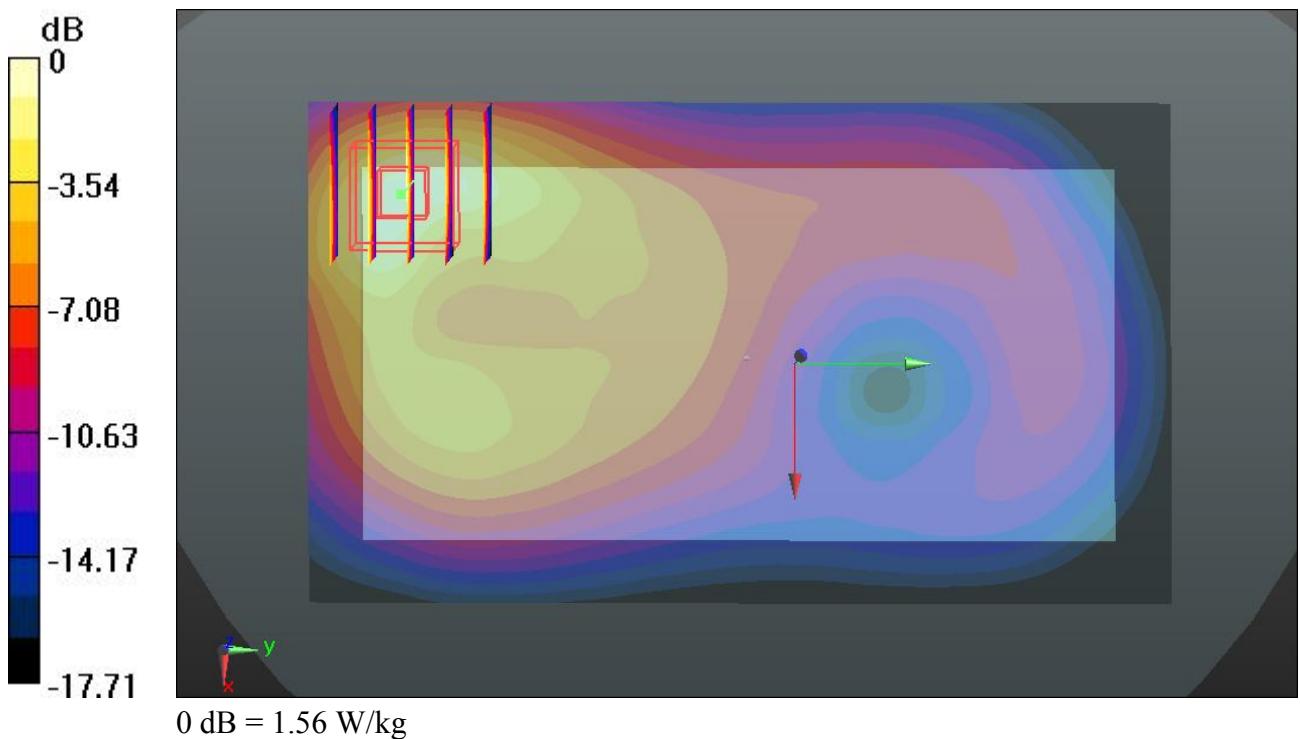
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.639 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.943 mW/g

SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.592 mW/g

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



#108 WCDMA Band II_RMC 12.2K_Right Side_1cm_Ch9538**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.527 \text{ mho/m}$; $\epsilon_r = 53.556$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (41x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.575 W/kg

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

Reference Value = 19.267 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.681 mW/g

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.553 W/kg

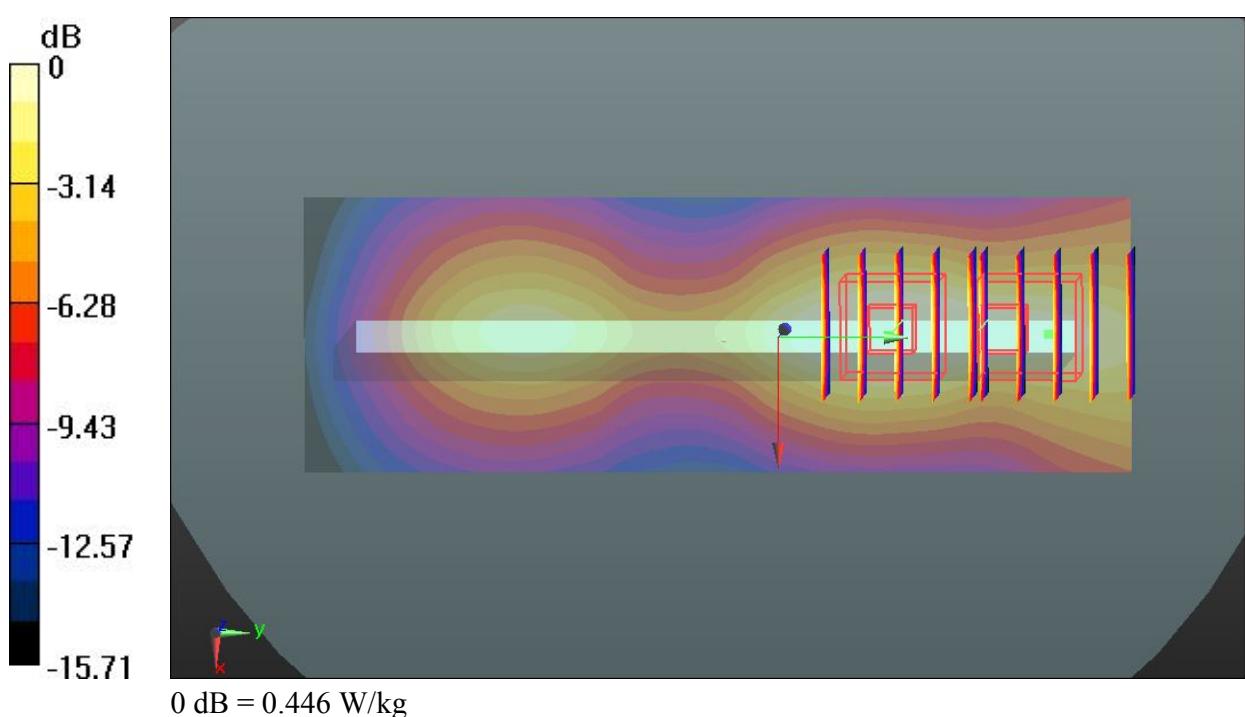
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.267 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.558 mW/g

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.168 mW/g

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



#109 WCDMA Band II_RMC 12.2K_Bottom Side_1cm_Ch9538**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.527 \text{ mho/m}$; $\epsilon_r = 53.556$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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) = 1.13 W/kg

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

Reference Value = 27.182 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.360 mW/g

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.418 mW/g

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

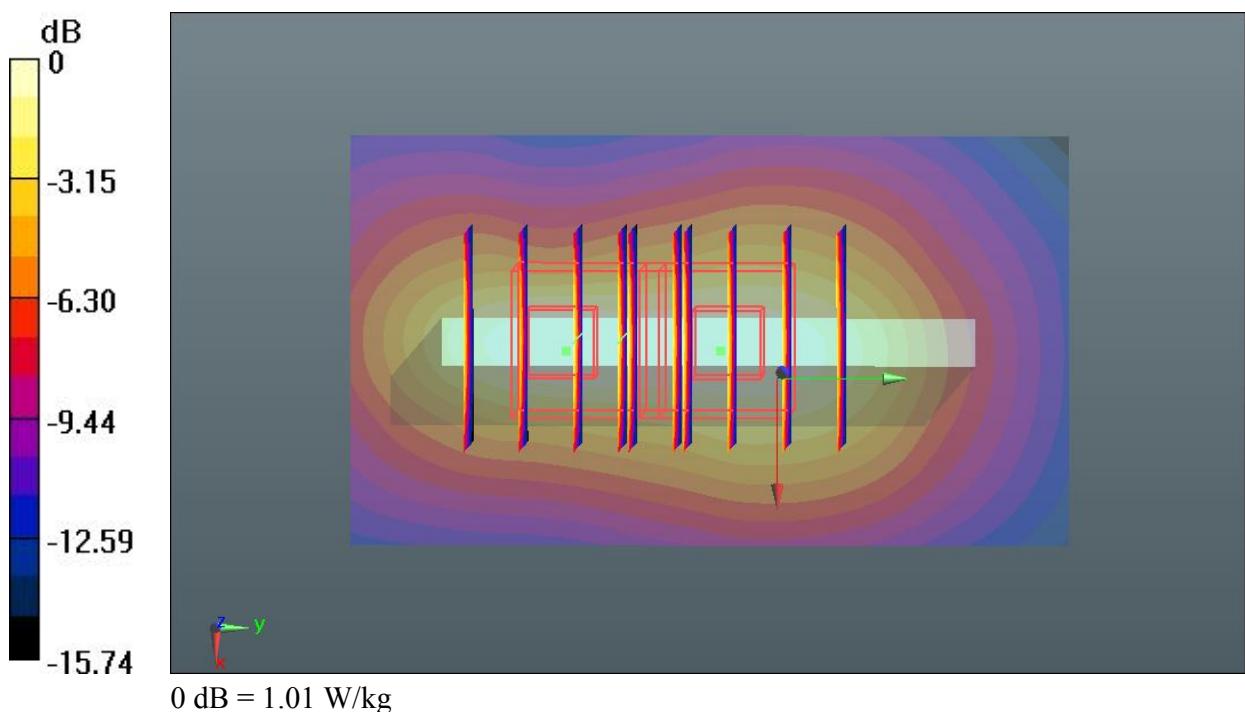
Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.182 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.264 mW/g

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.425 mW/g

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



#110 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9262

DUT: 332604

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r = 53.584$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

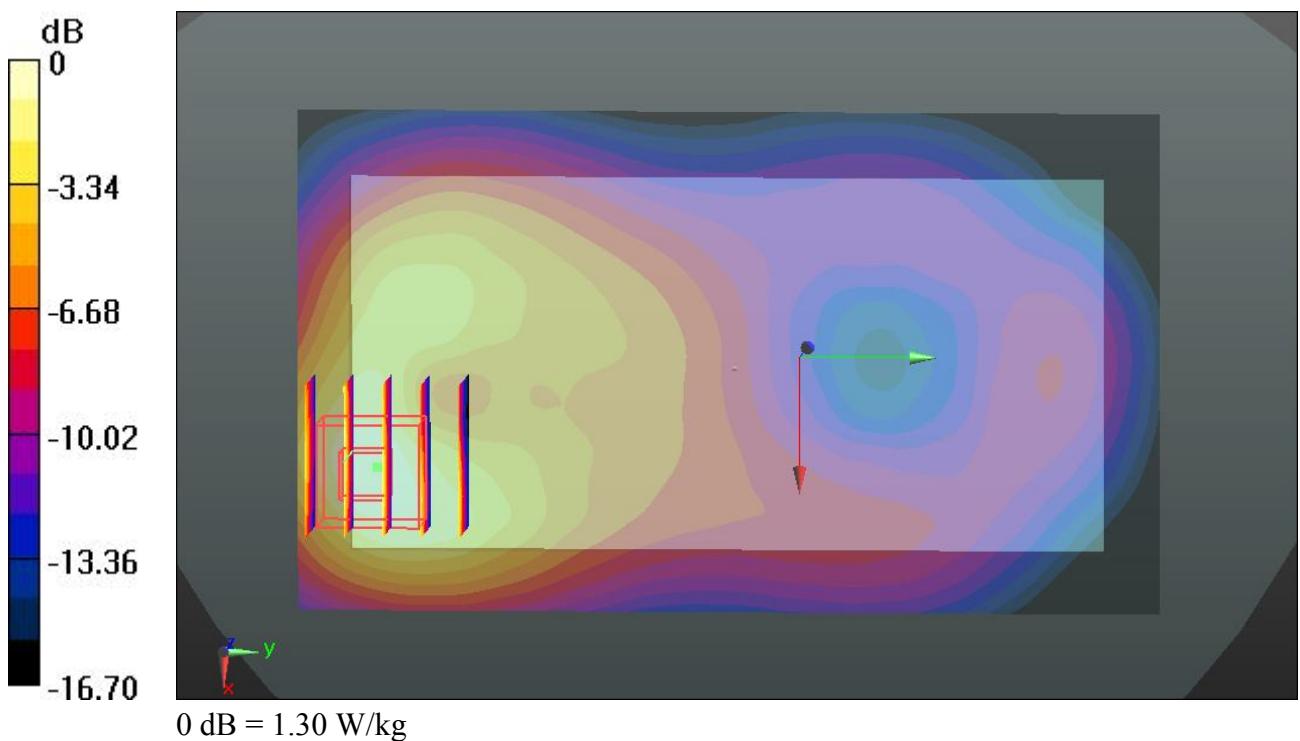
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.239 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.696 mW/g

SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.557 mW/g

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



#111 WCDMA Band II_RMC 12.2K_Front_1cm_Ch9400**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r = 53.575$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

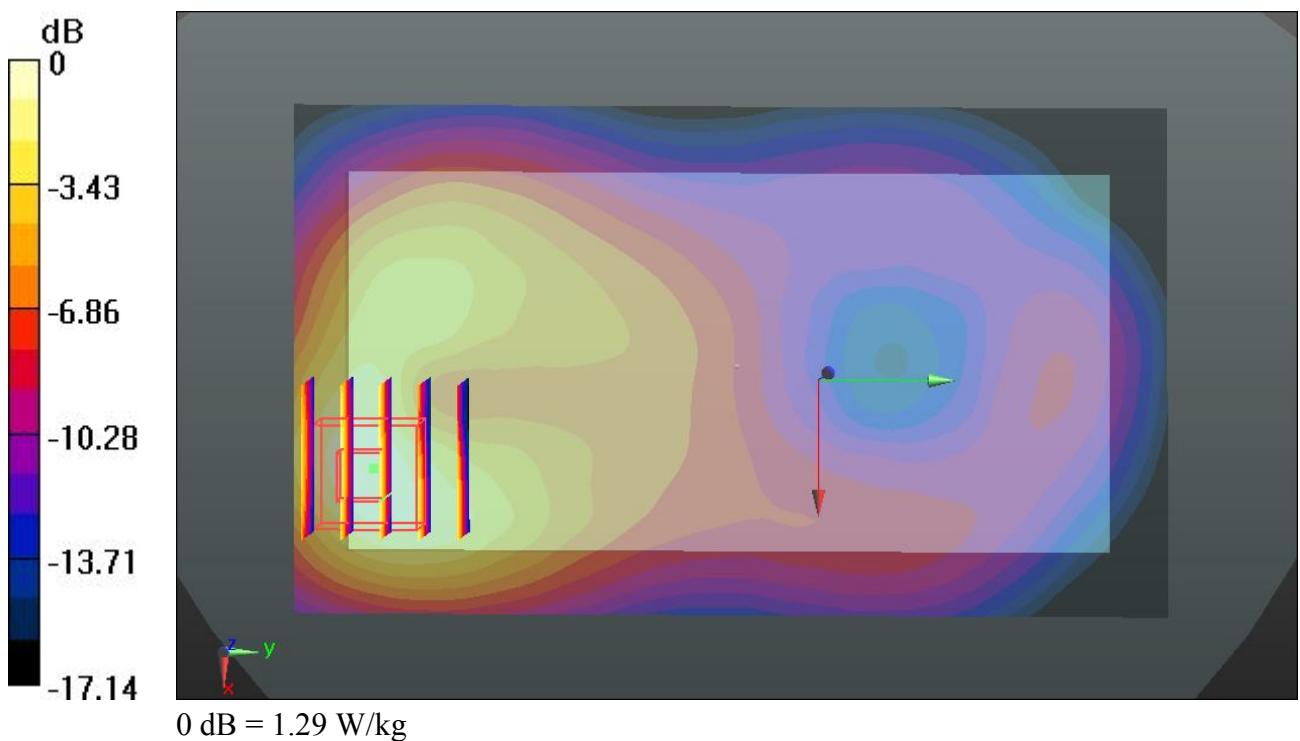
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.856 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.694 mW/g

SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.551 mW/g

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



#112 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9262

DUT: 332604

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.462$ mho/m; $\epsilon_r = 53.584$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

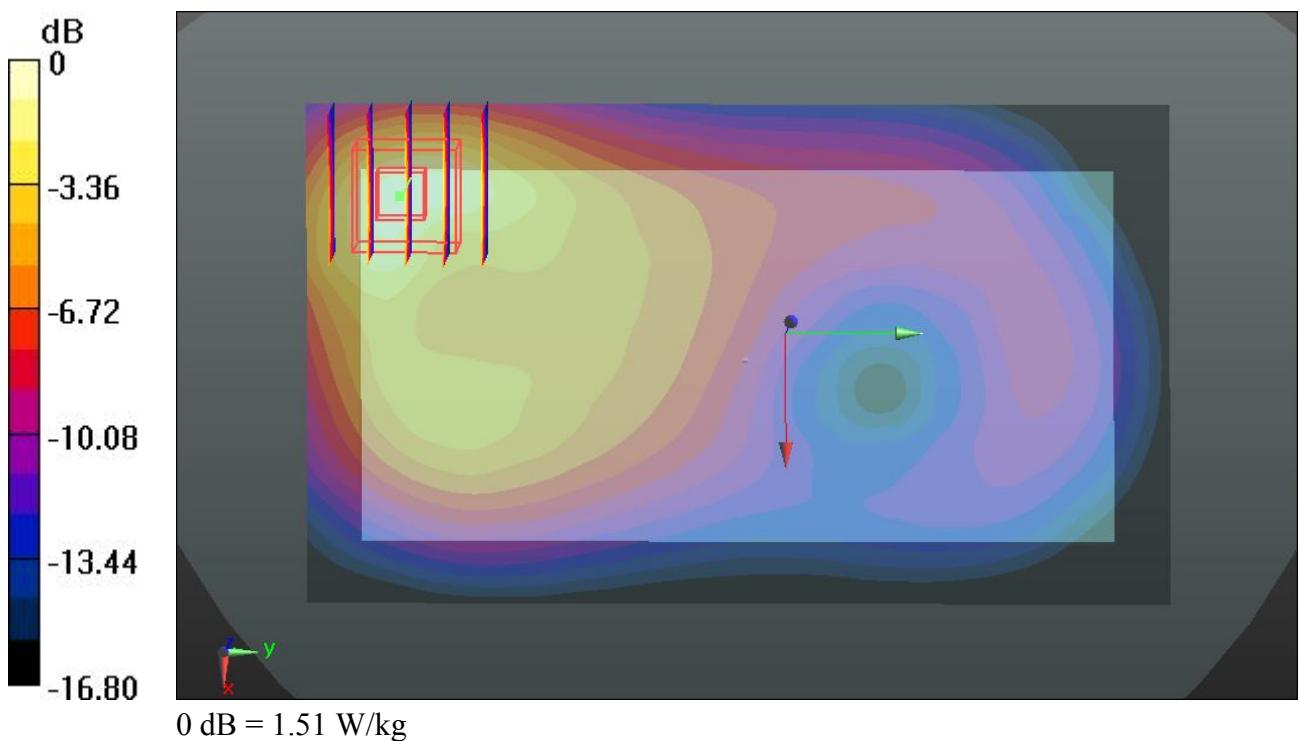
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.682 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.869 mW/g

SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.586 mW/g

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



#113 WCDMA Band II_RMC 12.2K_Back_1cm_Ch9400**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r = 53.575$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

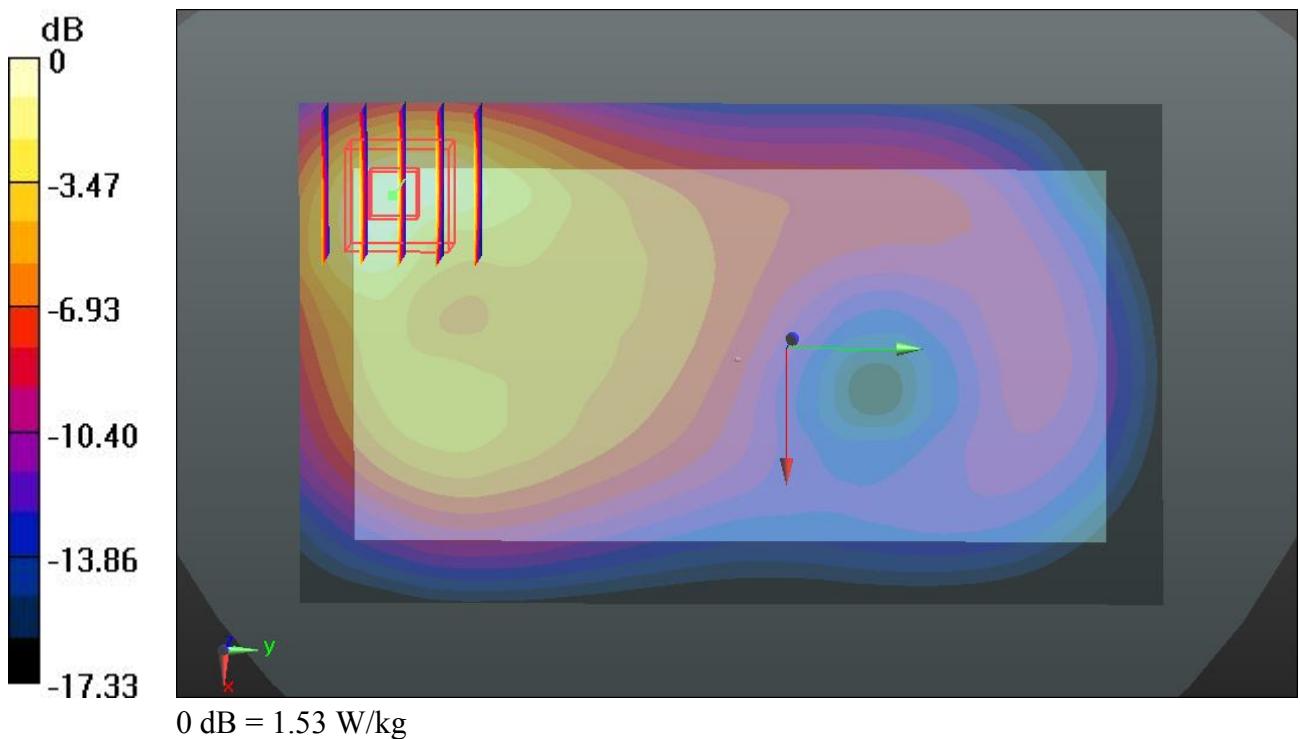
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.614 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.897 mW/g

SAR(1 g) = 1.090 mW/g; SAR(10 g) = 0.589 mW/g

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



#82 WLAN 2.4GHz_802.11b_Front_1cm_Ch1

DUT: 332604

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

Medium: MSL_2450_130411 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.906 \text{ mho/m}$; $\epsilon_r = 54.182$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °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 (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.164 W/kg

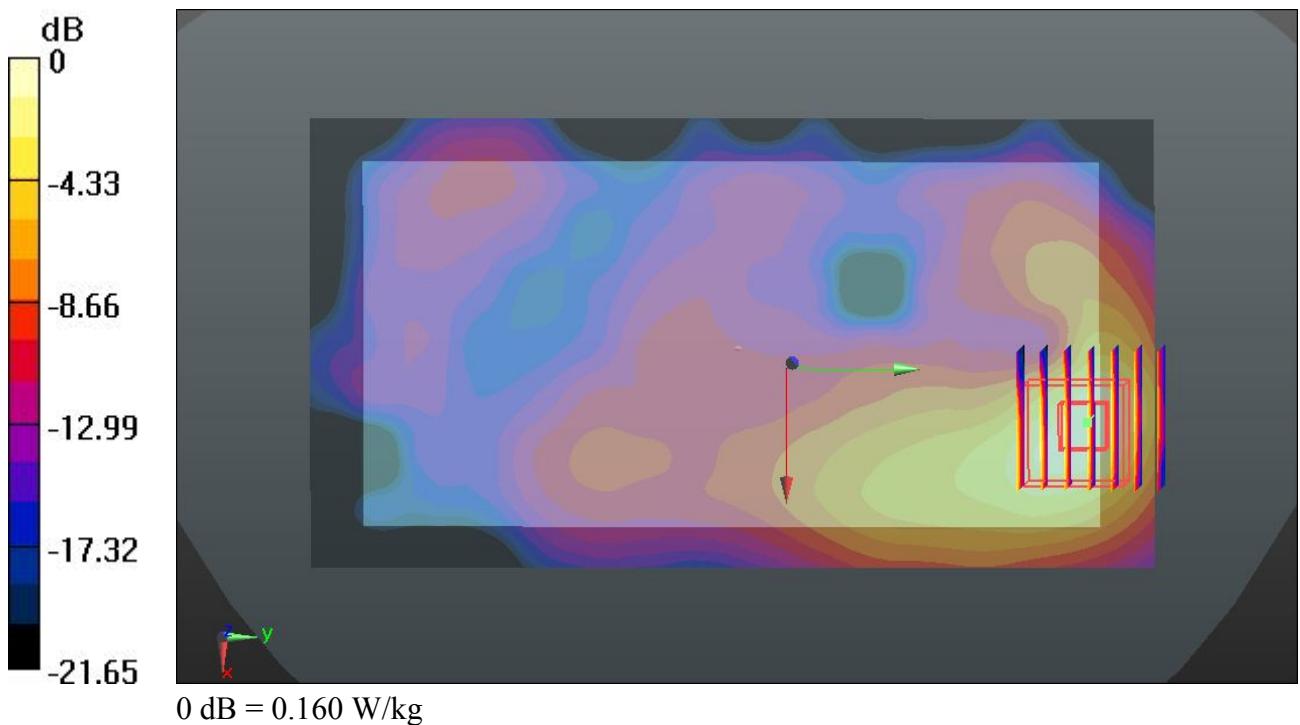
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.155 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.211 mW/g

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.052 mW/g

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



#83 WLAN 2.4GHz_802.11b_Back_1cm_Ch1**DUT: 332604**

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

Medium: MSL_2450_130411 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.906 \text{ mho/m}$; $\epsilon_r = 54.182$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °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 (81x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.210 W/kg

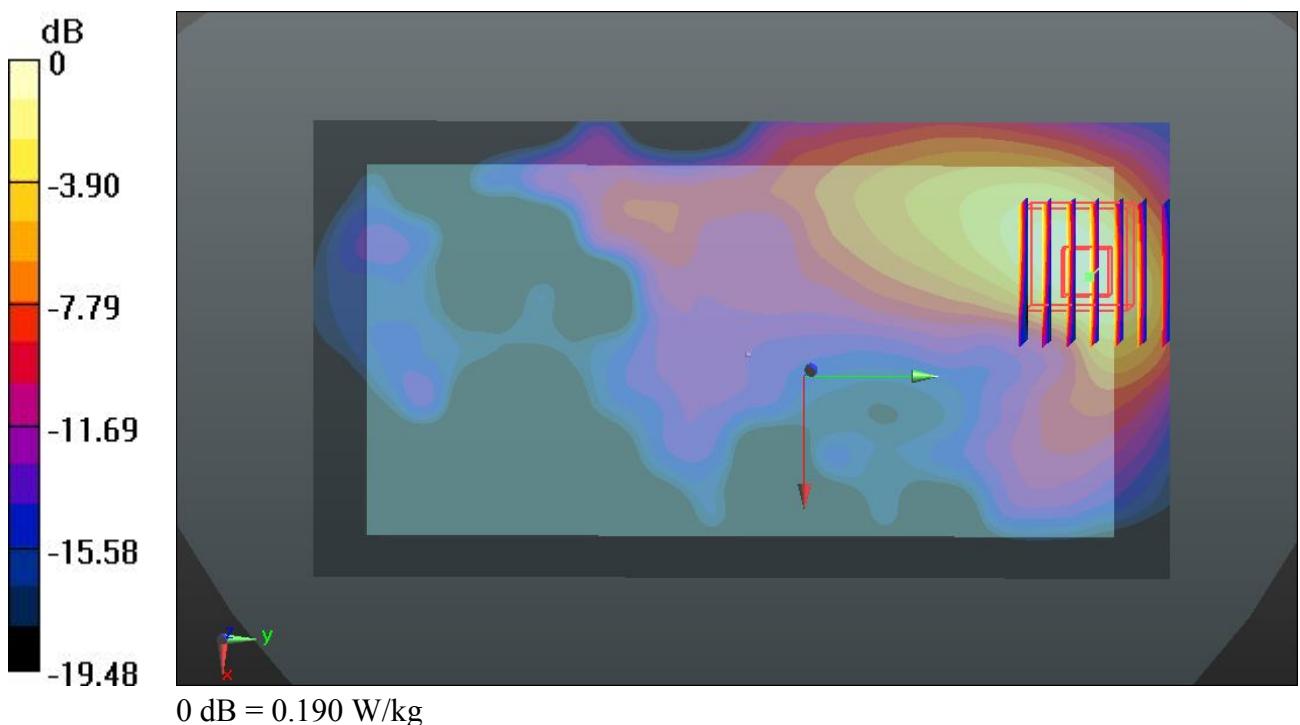
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.224 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.255 mW/g

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.190 W/kg



#84 WLAN 2.4GHz_802.11b_Right Side_1cm_Ch1**DUT: 332604**

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

Medium: MSL_2450_130411 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.906 \text{ mho/m}$; $\epsilon_r = 54.182$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °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 (41x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0357 W/kg

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

Reference Value = 4.354 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.044 mW/g

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

Maximum value of SAR (measured) = 0.0347 W/kg

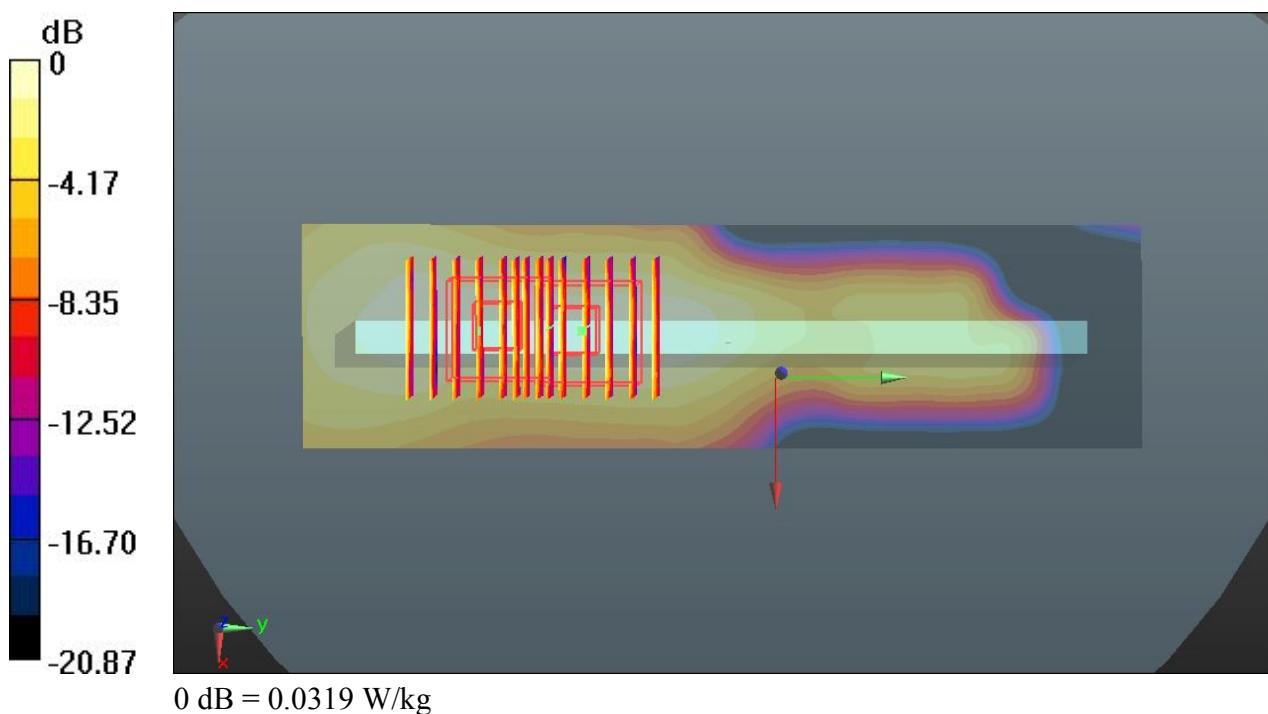
Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.354 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.041 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.0319 W/kg



#85 WLAN 2.4GHz_802.11b_Top Side_1cm_Ch1**DUT: 332604**

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

Medium: MSL_2450_130411 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.906 \text{ mho/m}$; $\epsilon_r = 54.182$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °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 (41x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.154 W/kg

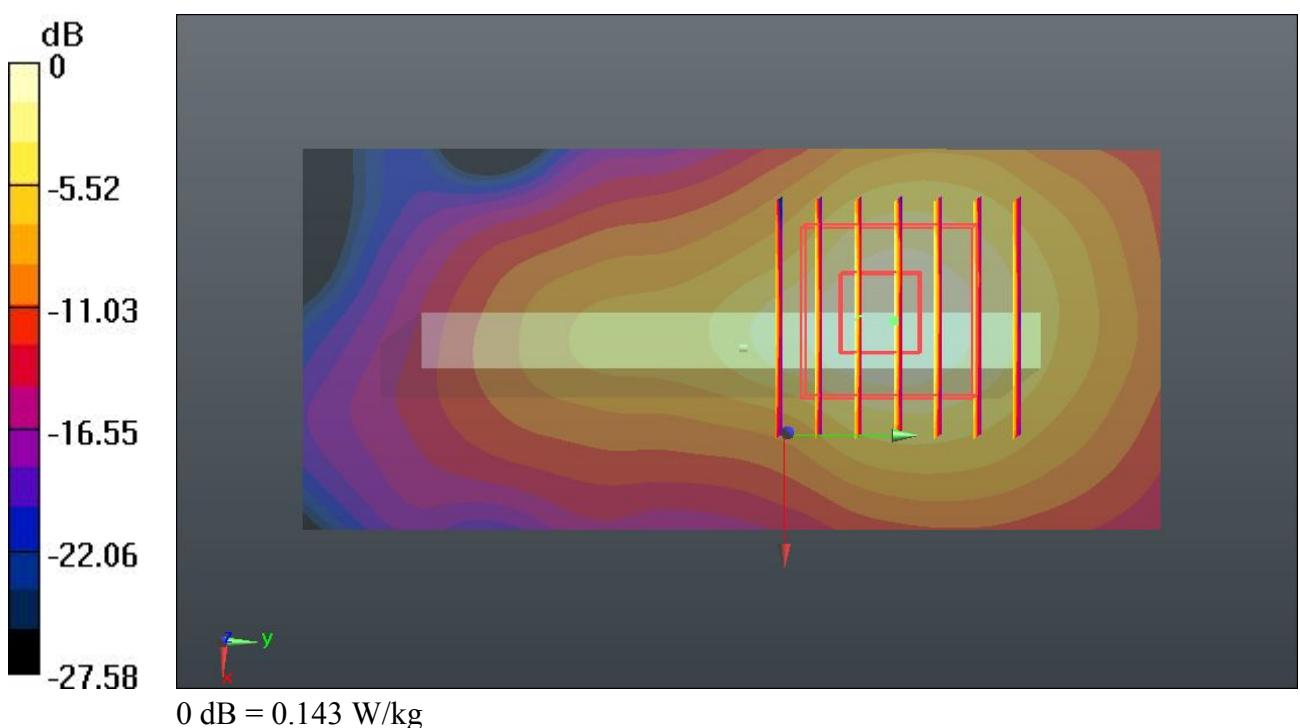
Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.800 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.192 mW/g

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.143 W/kg



#115 GSM1900_GPRS(3 Tx slots)_Back_0cm_Ch810**DUT: 332604**

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

Medium: MSL_1900_130426 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.529$ mho/m; $\epsilon_r = 53.552$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 10.7 W/kg

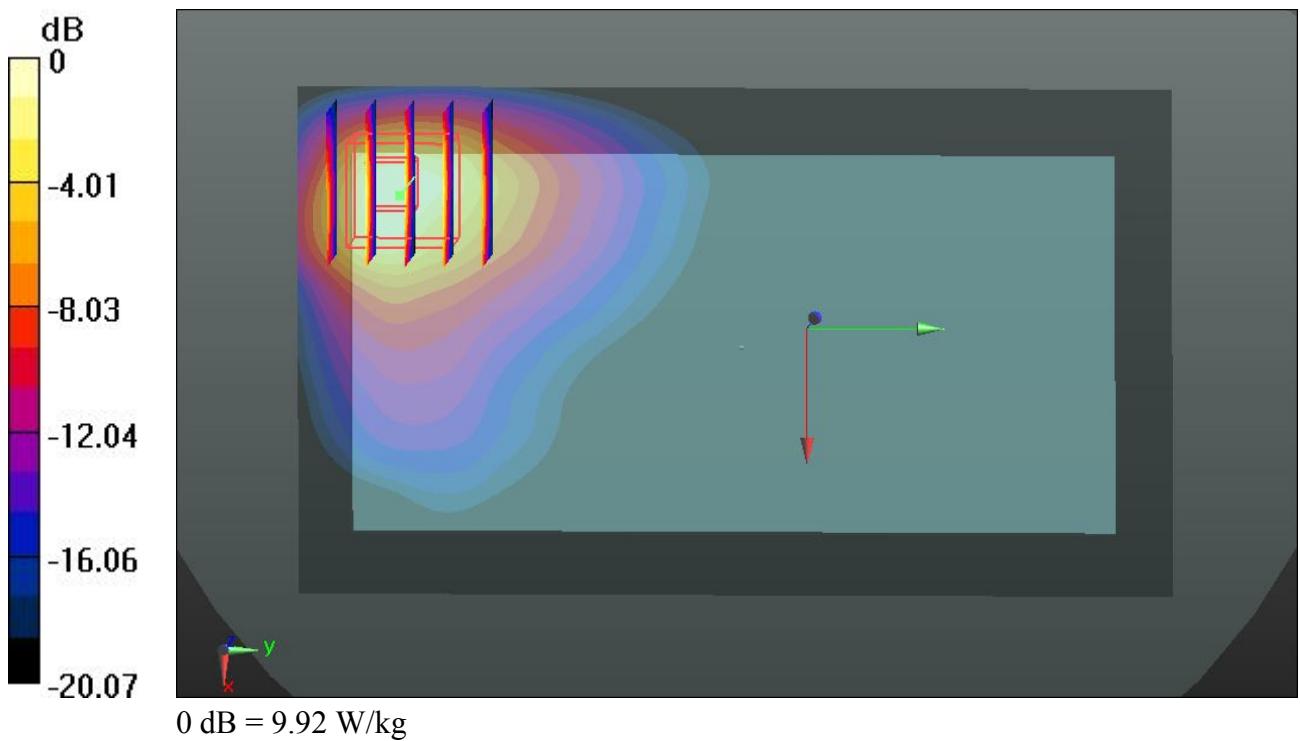
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.669 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 14.169 mW/g

SAR(1 g) = 6.45 mW/g; SAR(10 g) = 2.89 mW/g

Maximum value of SAR (measured) = 9.92 W/kg



#116 GSM1900_GPRS(3 Tx slots)_Back_0cm_Ch512**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130426 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 53.59$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 10.0 W/kg

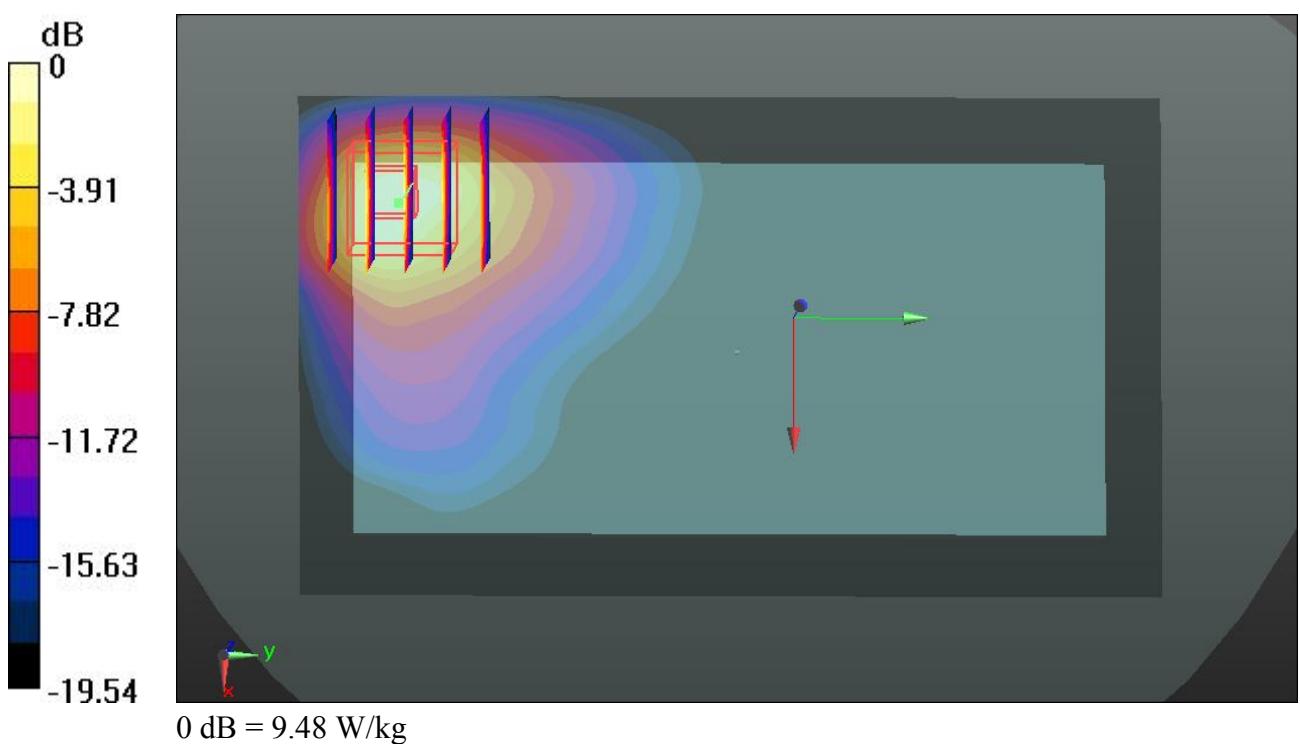
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.142 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 13.265 mW/g

SAR(1 g) = 6.16 mW/g; SAR(10 g) = 2.79 mW/g

Maximum value of SAR (measured) = 9.48 W/kg



#117 GSM1900_GPRS(3 Tx slots)_Back_0cm_Ch661**DUT: 332604**

Communication System: GPRS/EDGE11; Frequency: 1880 MHz; Duty Cycle: 1:2.7

Medium: MSL_1900_130426 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r = 53.575$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.6 °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 (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 10.5 W/kg

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

Reference Value = 79.558 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 13.707 mW/g

SAR(1 g) = 6.32 mW/g; SAR(10 g) = 2.84 mW/g

Maximum value of SAR (measured) = 9.68 W/kg

