



## Appendix B. Plots of SAR Measurement

The plots are shown as follows.

**82 GSM850\_GSM Voice\_Right Cheek\_Ch128**

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

Medium: HSL\_835\_131108 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 40.977$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.353 W/kg

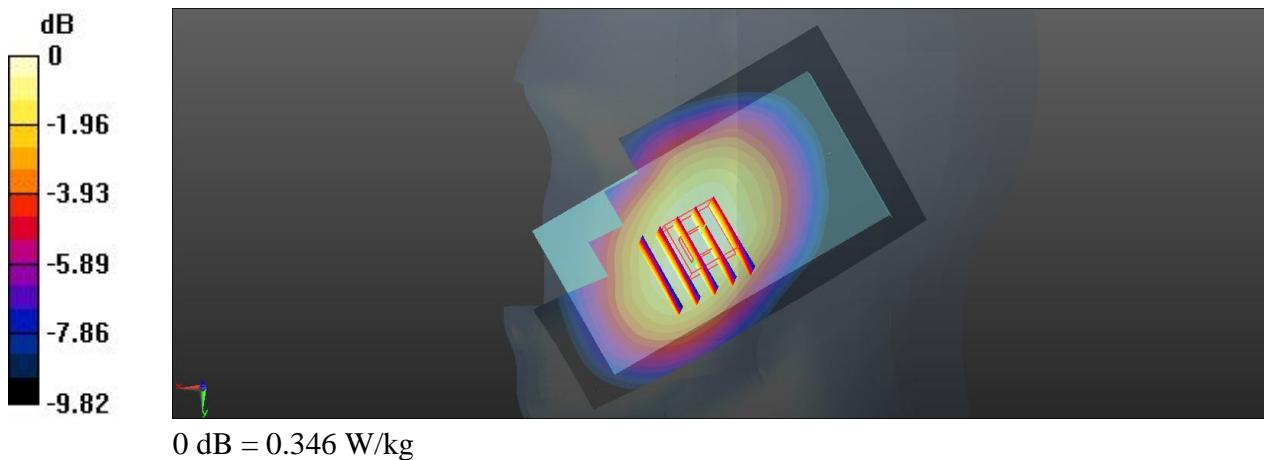
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.409 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.234 W/kg**

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



### 83 GSM850\_GSM Voice\_Right Tilted\_Ch128

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

Medium: HSL\_835\_131108 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 40.977$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.282 W/kg

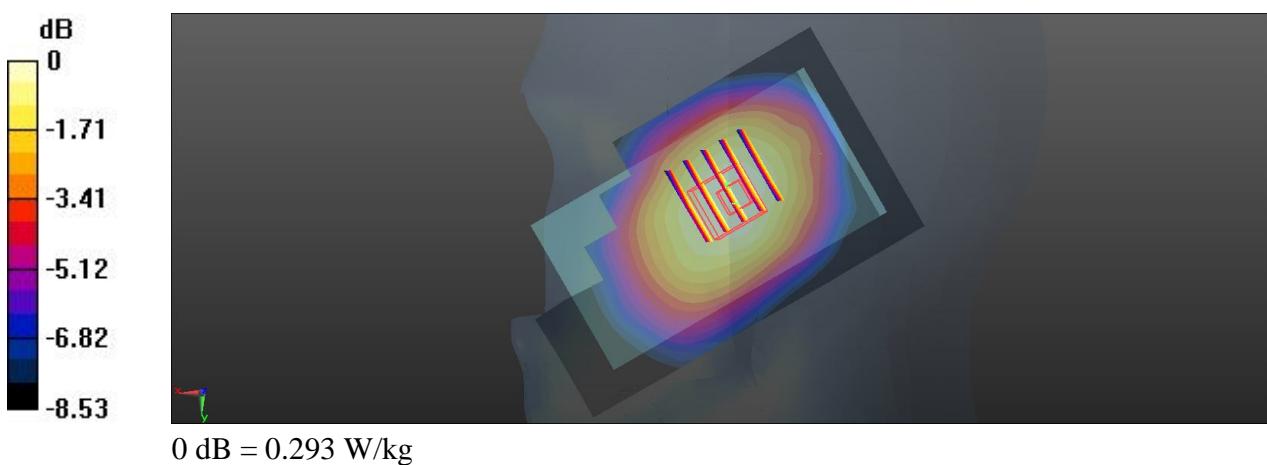
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.737 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.201 W/kg**

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



**84 GSM850\_GSM Voice\_Left Cheek\_Ch128**

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

Medium: HSL\_835\_131108 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 40.977$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.356 W/kg

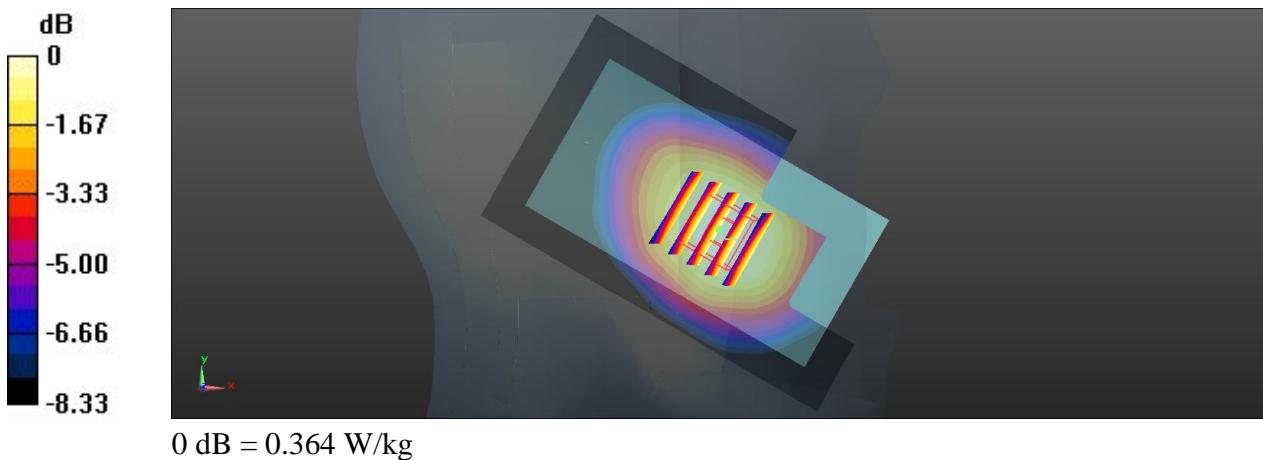
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.625 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.257 W/kg**

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



**85 GSM850\_GSM Voice\_Left Tilted\_Ch128**

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

Medium: HSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 40.977$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.279 W/kg

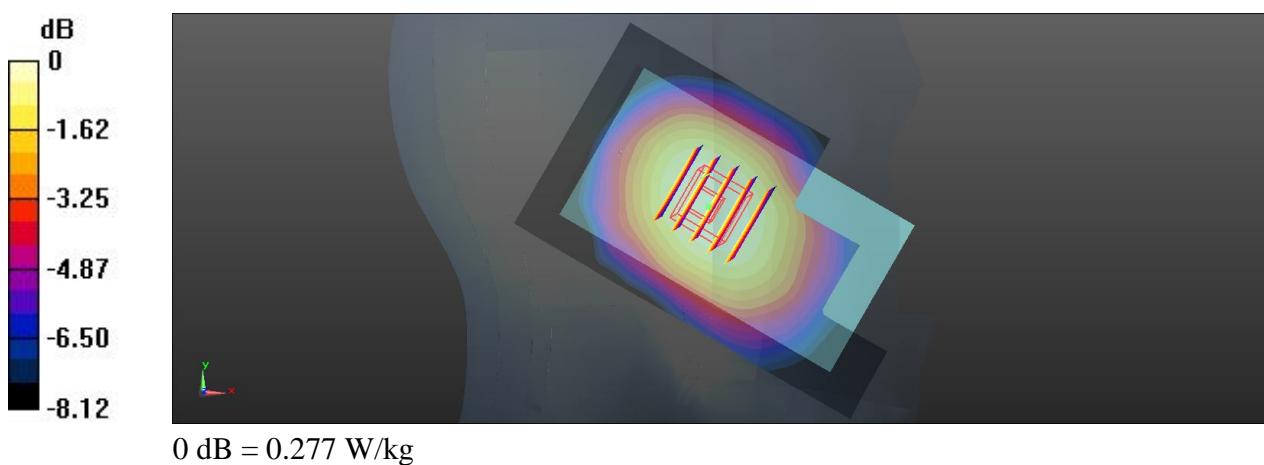
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.676 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.197 W/kg**

Maximum value of SAR (measured) = 0.277 W/kg



**27 GSM1900\_GSM Voice\_Right Cheek\_Ch512**

Communication System: GSM Voice; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

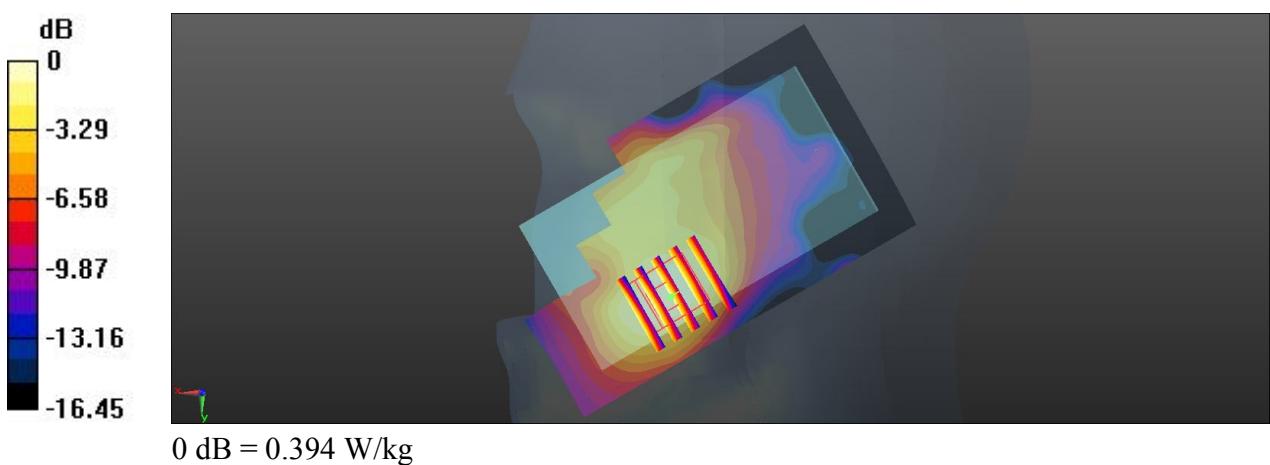
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.107 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.194 W/kg**

Maximum value of SAR (measured) = 0.394 W/kg



**28 GSM1900\_GSM Voice\_Right Tilted\_Ch512**

Communication System: GSM Voice; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.167 W/kg

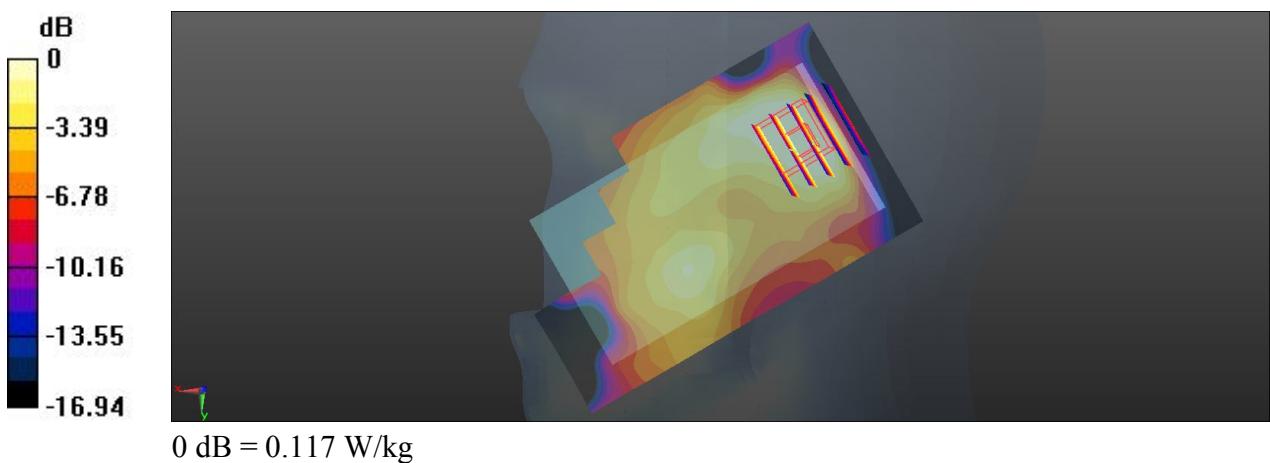
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.540 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.145 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.059 W/kg**

Maximum value of SAR (measured) = 0.117 W/kg



**29 GSM1900\_GSM Voice\_Left Cheek\_Ch512**

Communication System: GSM Voice; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

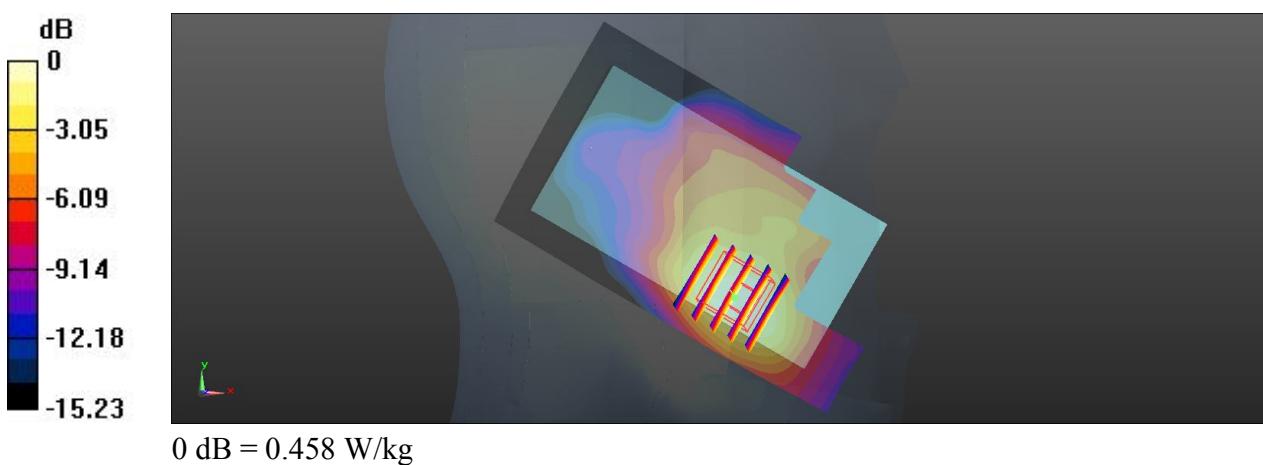
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.196 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.536 W/kg

**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.225 W/kg**

Maximum value of SAR (measured) = 0.458 W/kg



## 30 GSM1900\_GSM Voice\_Left Tilted\_Ch512

Communication System: GSM Voice; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 W/kg

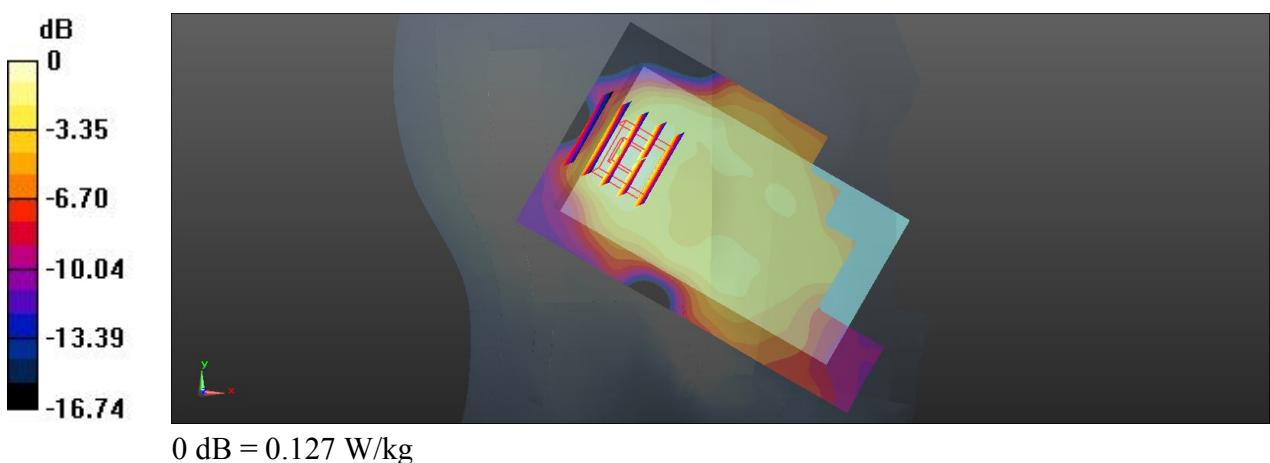
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.940 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.127 W/kg



**94 WCDMA Band V\_RMC 12.2K\_Right Cheek\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131108 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.951$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

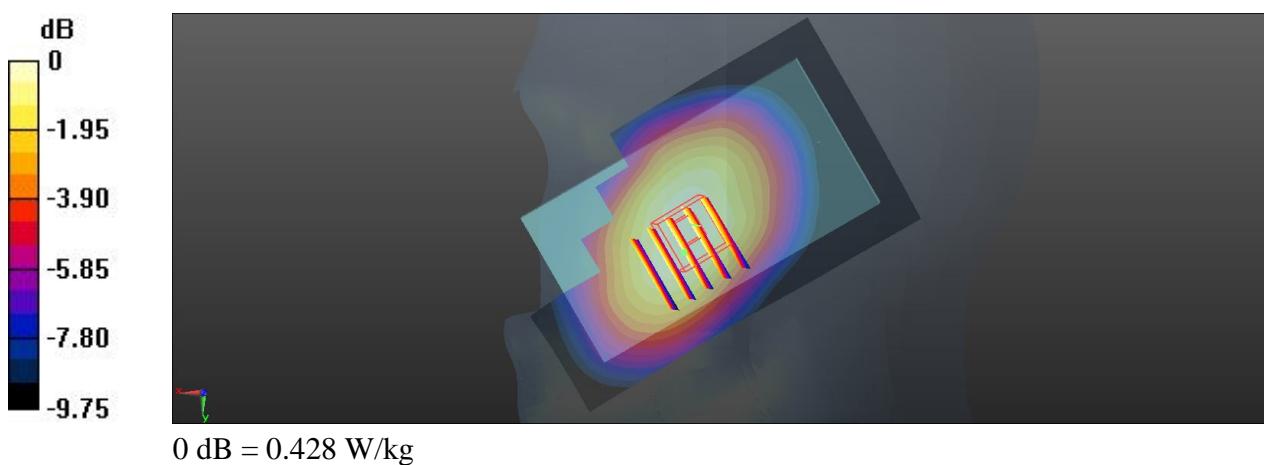
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.874 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.463 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.292 W/kg**

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



**95 WCDMA Band V\_RMC 12.2K\_Right Tilted\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131108 Medium parameters used:  $f = 826.5 \text{ MHz}$ ;  $\sigma = 0.905 \text{ S/m}$ ;  $\epsilon_r = 40.951$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.333 W/kg

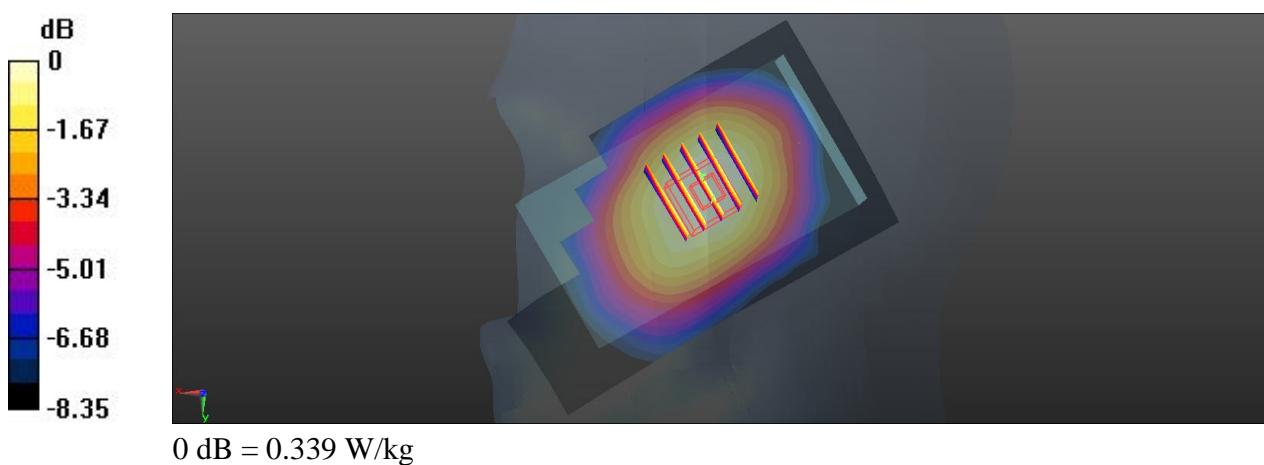
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.102 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.367 W/kg

**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.236 W/kg**

Maximum value of SAR (measured) = 0.339 W/kg



**96 WCDMA Band V\_RMC 12.2K\_Left Cheek\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131108 Medium parameters used:  $f = 826.5 \text{ MHz}$ ;  $\sigma = 0.905 \text{ S/m}$ ;  $\epsilon_r = 40.951$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

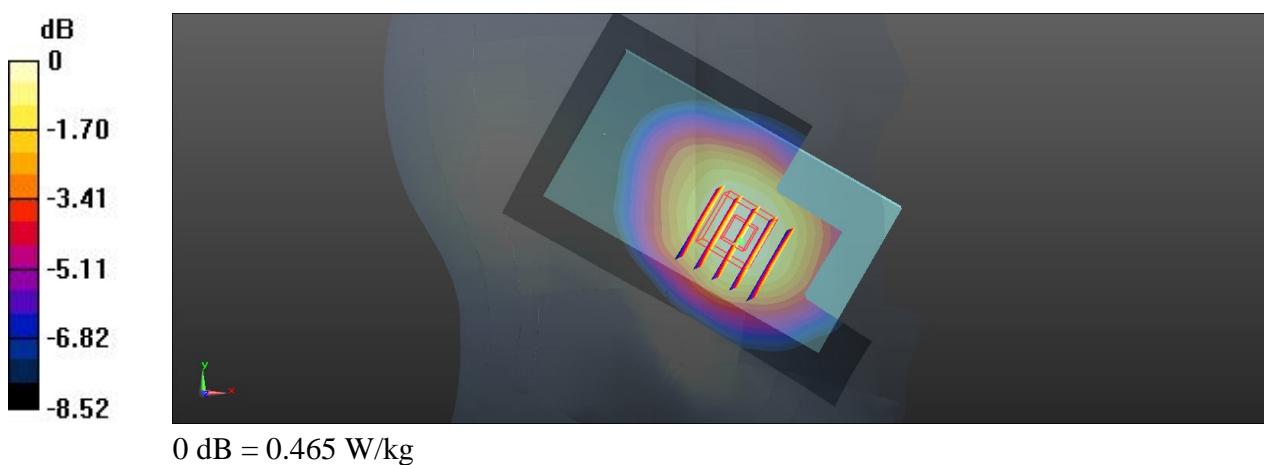
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.217 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.499 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.324 W/kg**

Maximum value of SAR (measured) = 0.465 W/kg



**97 WCDMA Band V\_RMC 12.2K\_Left Tilted\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131108 Medium parameters used:  $f = 826.5 \text{ MHz}$ ;  $\sigma = 0.905 \text{ S/m}$ ;  $\epsilon_r = 40.951$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

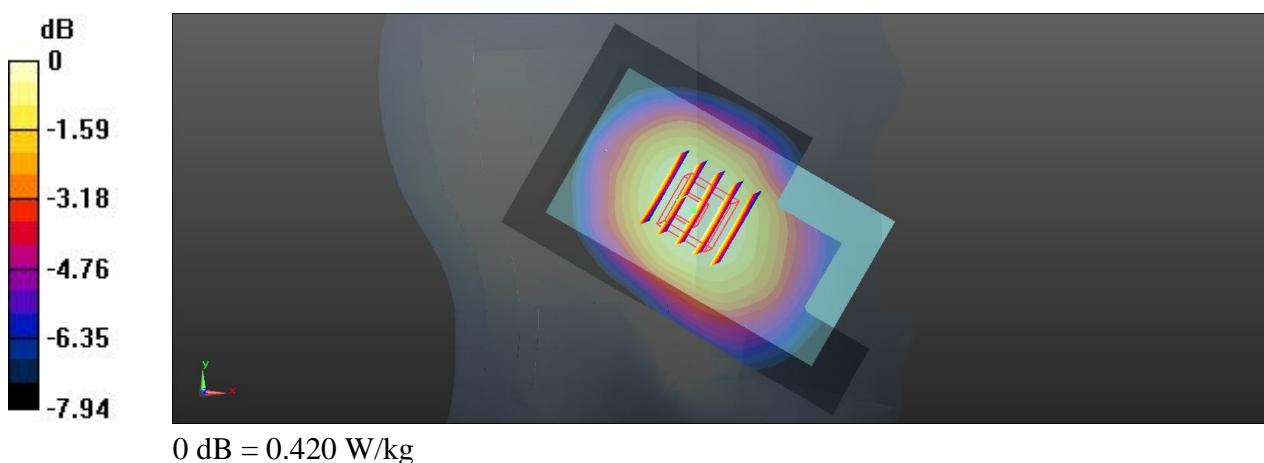
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.912 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.454 W/kg

**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.300 W/kg**

Maximum value of SAR (measured) = 0.420 W/kg



**86 WCDMA Band IV\_RMC 12.2K\_Right Cheek\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

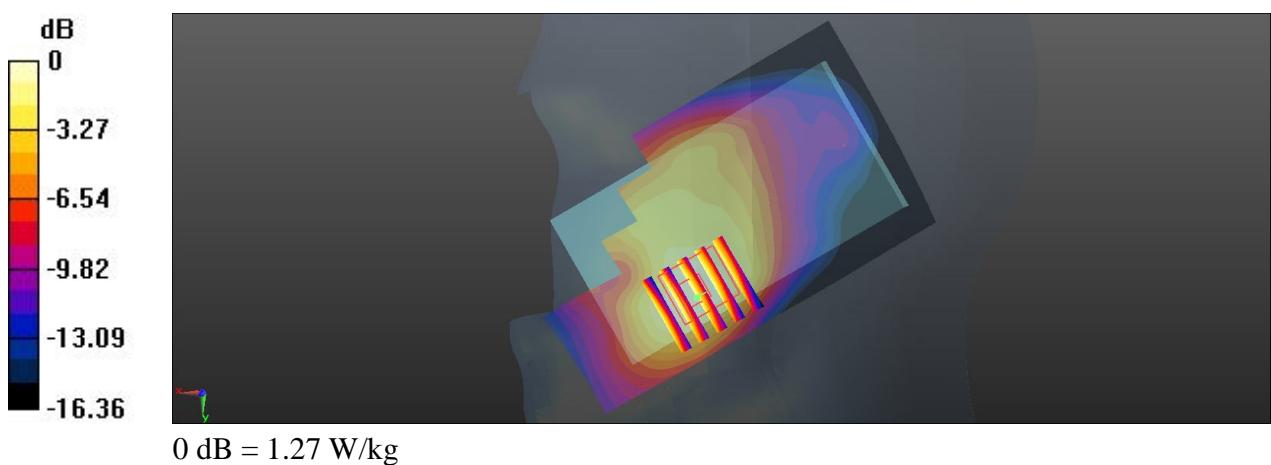
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.600 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.010 W/kg; SAR(10 g) = 0.652 W/kg**

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



**87 WCDMA Band IV\_RMC 12.2K\_Right Tilted\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

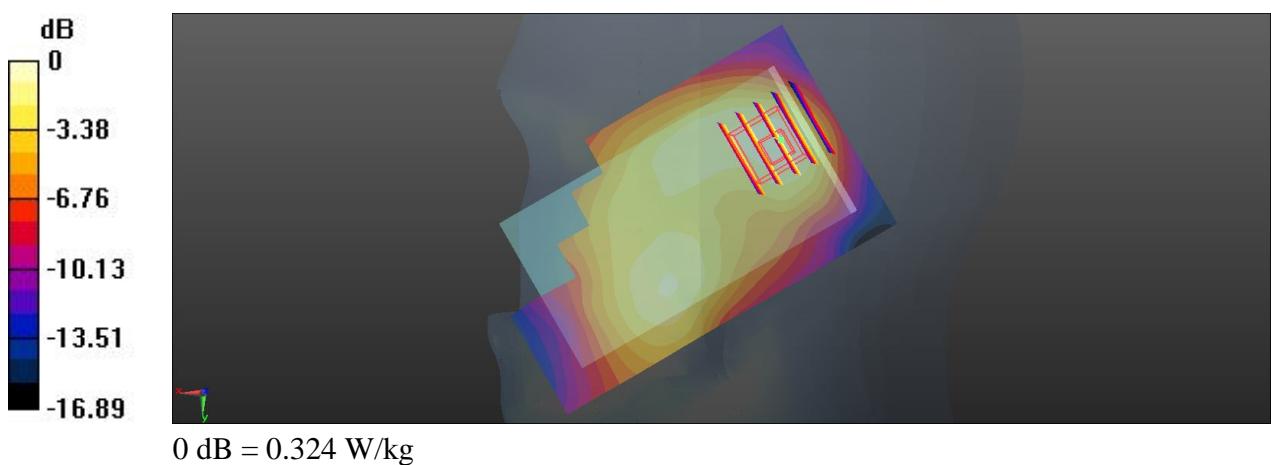
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.354 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.389 W/kg

**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.324 W/kg



**88 WCDMA Band IV\_RMC 12.2K\_Left Cheek\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

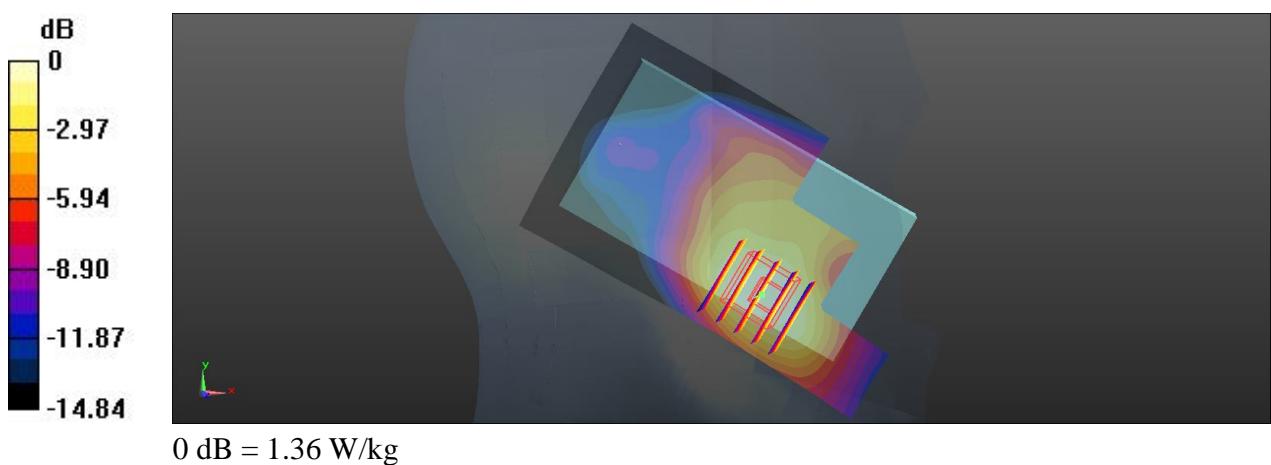
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.663 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.711 W/kg**

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



**89 WCDMA Band IV\_RMC 12.2K\_Left Tilted\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 41.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.286 W/kg

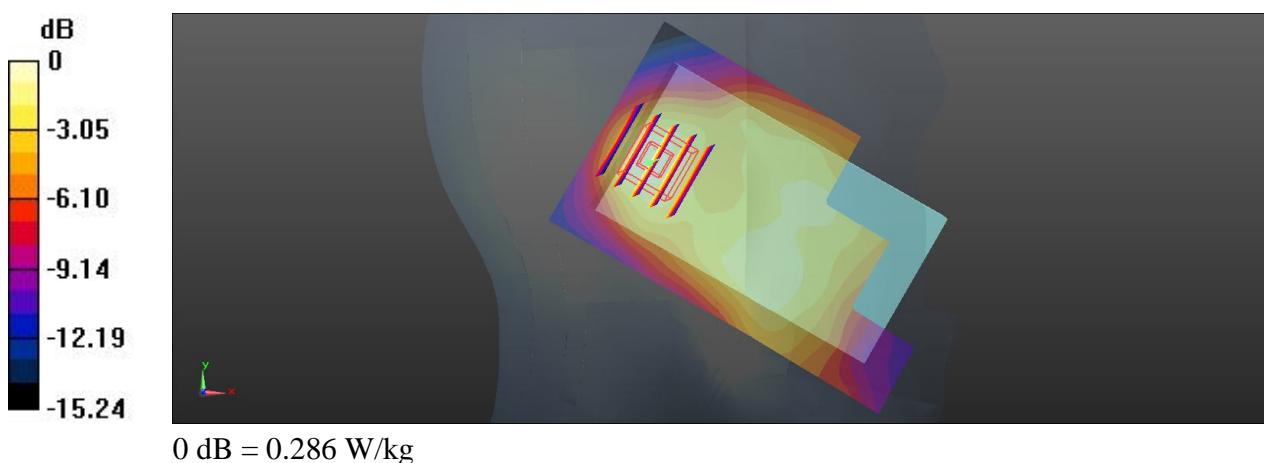
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.290 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.137 W/kg**

Maximum value of SAR (measured) = 0.286 W/kg



**90 WCDMA Band IV\_RMC 12.2K\_Right Cheek\_Ch1413**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 41.442$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1413/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

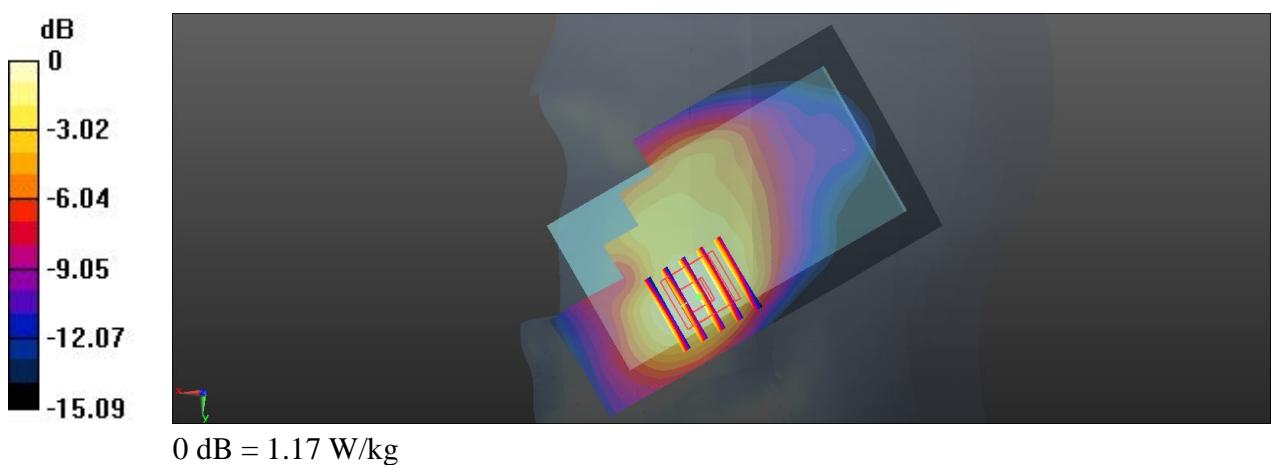
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.420 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.607 W/kg**

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



**91 WCDMA Band IV\_RMC 12.2K\_Right Cheek\_Ch1513**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 41.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

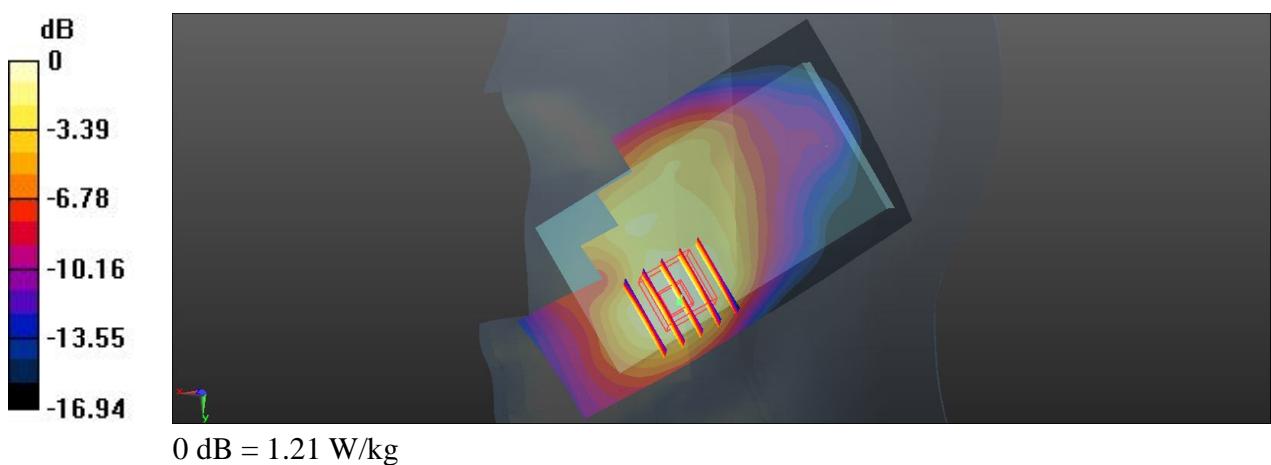
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.607 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.611 W/kg**

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



**92 WCDMA Band IV\_RMC 12.2K\_Left Cheek\_Ch1413**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 41.442$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1413/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

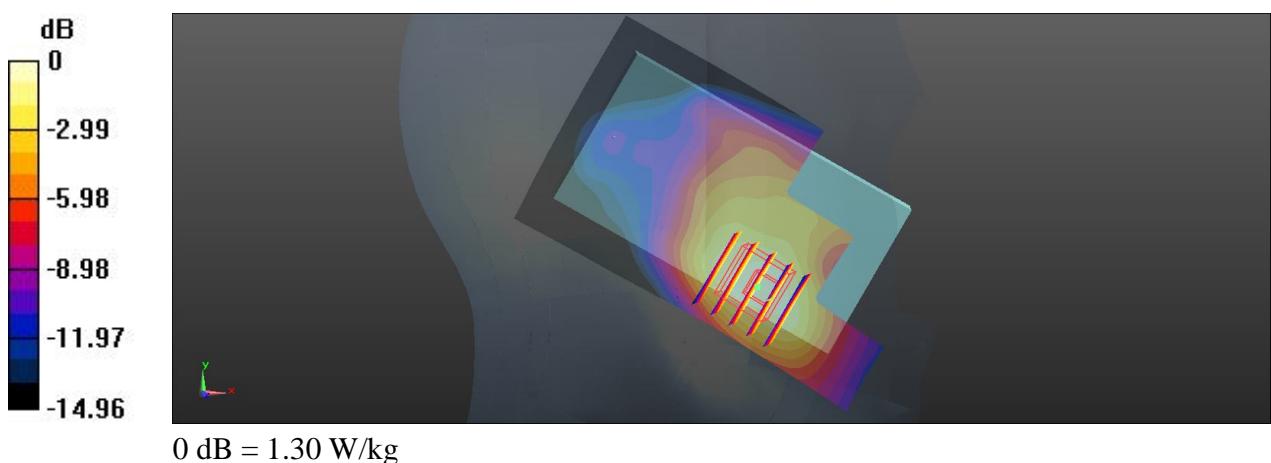
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.113 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 1.030 W/kg; SAR(10 g) = 0.667 W/kg**

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



**93 WCDMA Band IV\_RMC 12.2K\_Left Cheek\_Ch1513**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 41.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

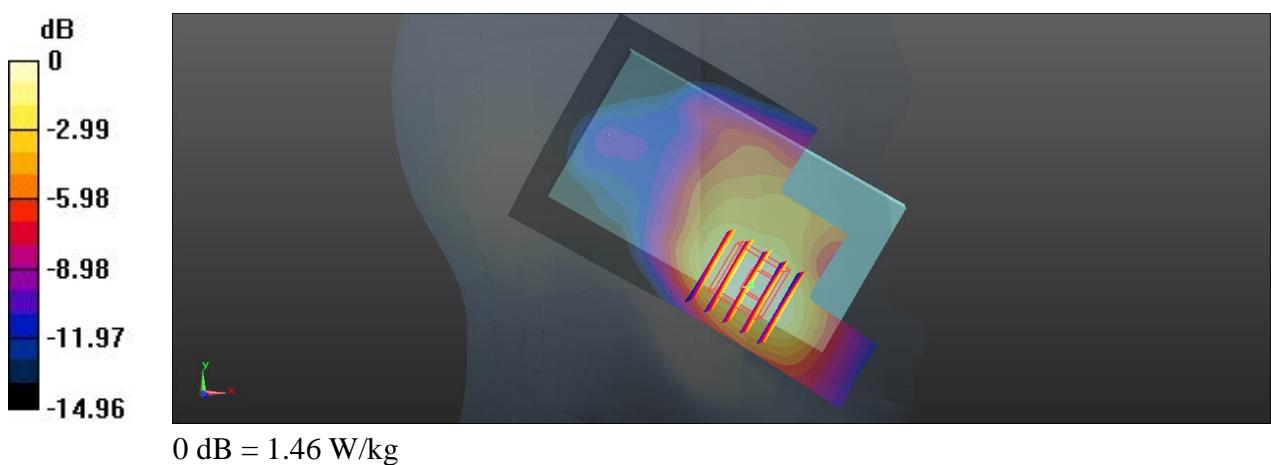
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.587 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 1.170 W/kg; SAR(10 g) = 0.756 W/kg**

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



**60 WCDMA Band IV\_RMC 12.2K\_Left Cheek\_Ch1513\_Repeat SAR**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_131108 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 41.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

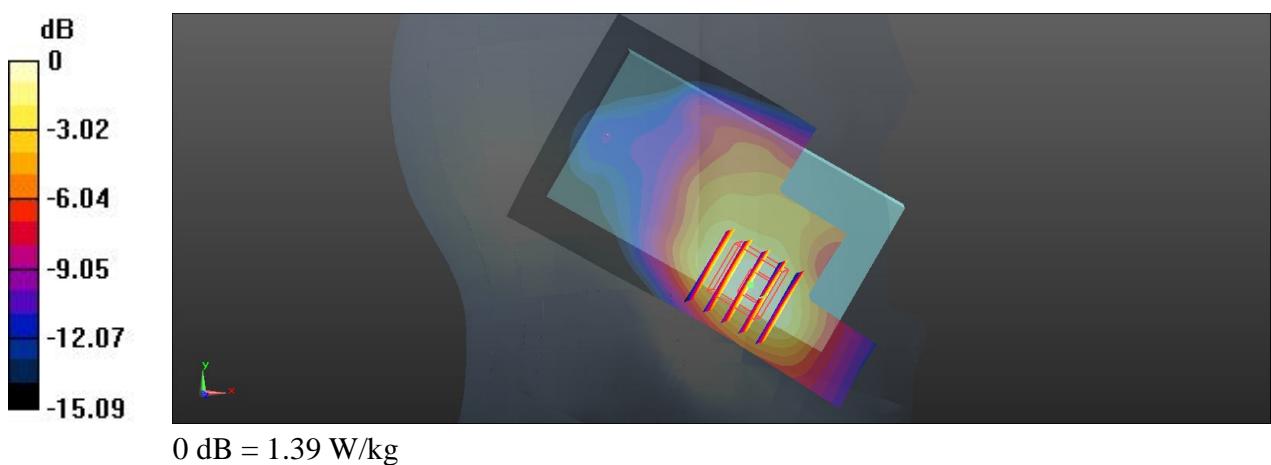
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.131 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 1.100 W/kg; SAR(10 g) = 0.700 W/kg**

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



**31 WCDMA Band II\_RMC 12.2K\_Right Cheek\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.687$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

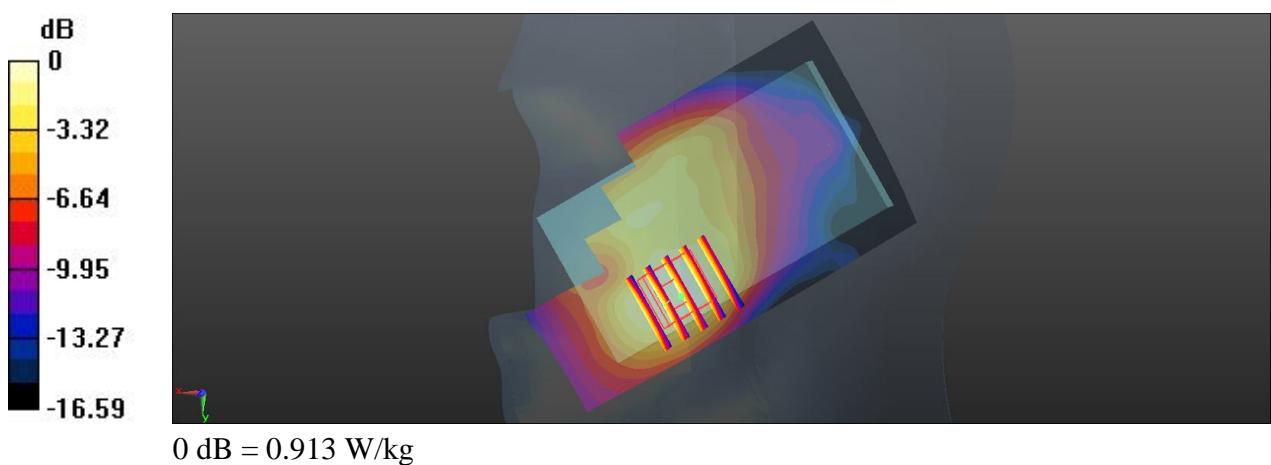
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.014 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.466 W/kg**

Maximum value of SAR (measured) = 0.913 W/kg



**32 WCDMA Band II\_RMC 12.2K\_Right Tilted\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.687$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 W/kg

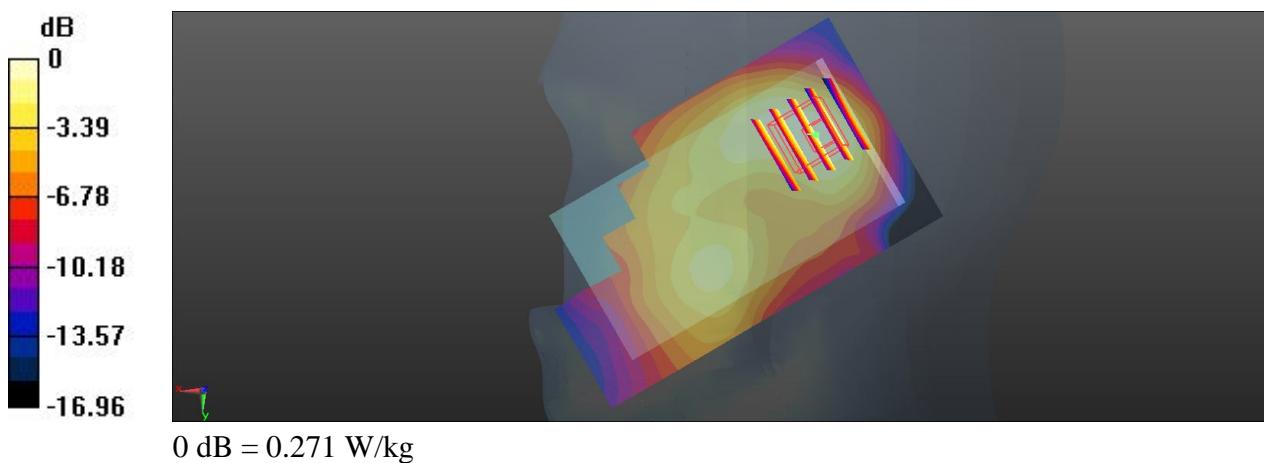
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.640 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.134 W/kg**

Maximum value of SAR (measured) = 0.271 W/kg



**33 WCDMA Band II\_RMC 12.2K\_Left Cheek\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.687$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

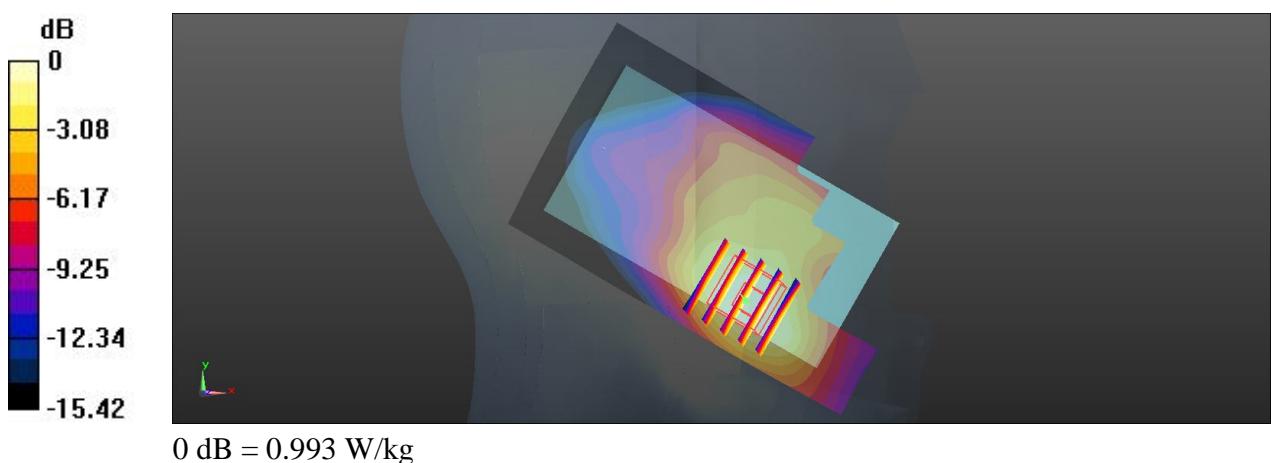
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.398 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.514 W/kg**

Maximum value of SAR (measured) = 0.993 W/kg



**34 WCDMA Band II\_RMC 12.2K\_Left Tilted\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.687$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.340 W/kg

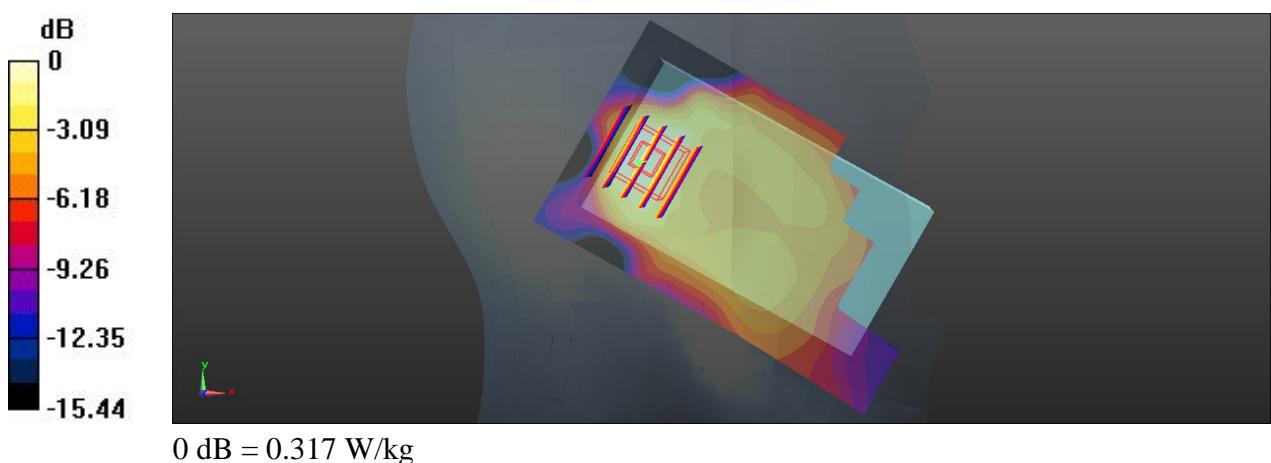
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.514 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.317 W/kg



**35 WCDMA Band II\_RMC 12.2K\_Right Cheek\_Ch9400**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 40.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.720 W/kg

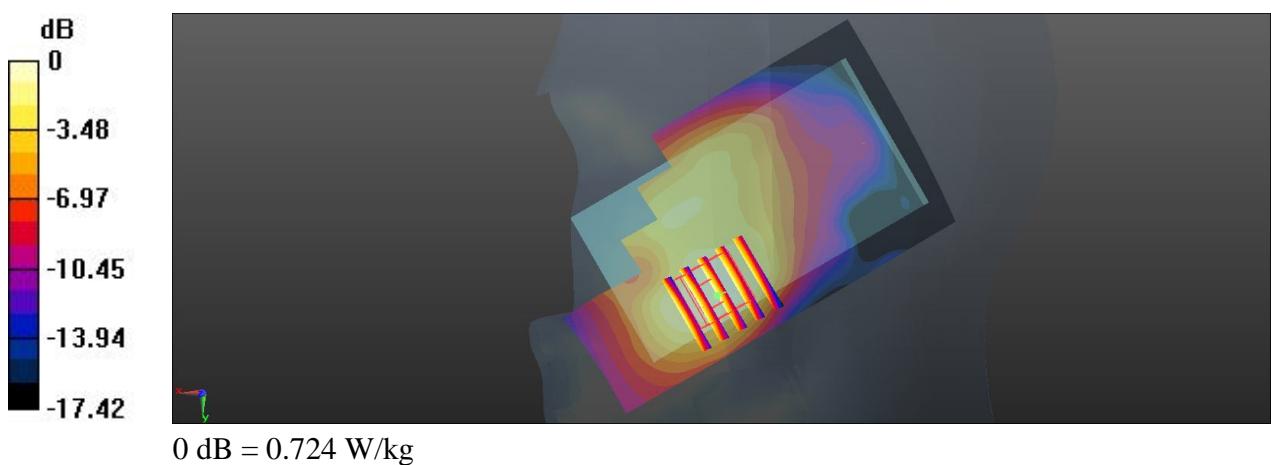
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.820 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.858 W/kg

**SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.358 W/kg**

Maximum value of SAR (measured) = 0.724 W/kg



**36 WCDMA Band II\_RMC 12.2K\_Right Cheek\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.423 \text{ S/m}$ ;  $\epsilon_r = 40.497$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.584 W/kg

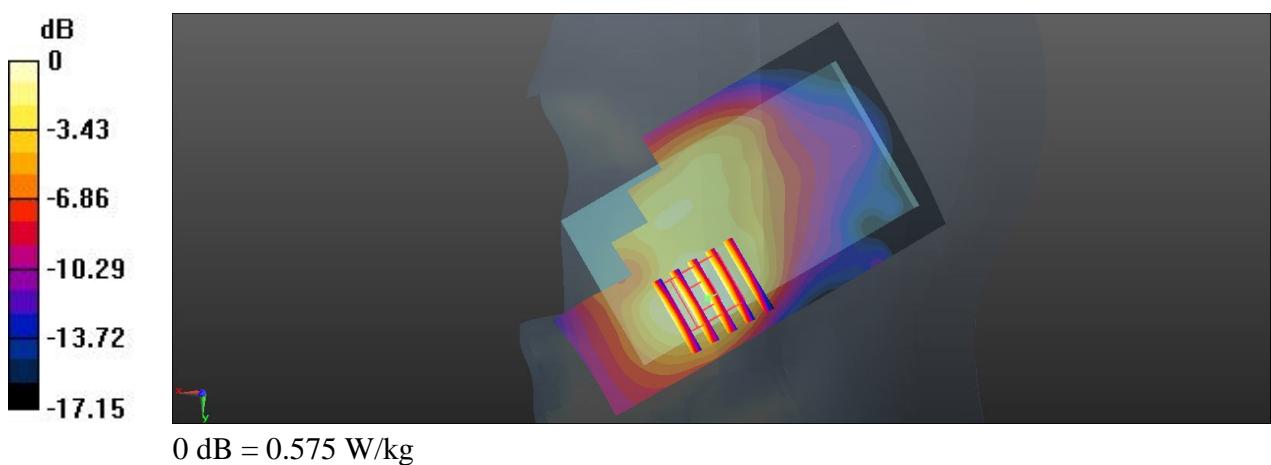
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.231 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.686 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.288 W/kg**

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



**37 WCDMA Band II\_RMC 12.2K\_Left Cheek\_Ch9400**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 40.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.823 W/kg

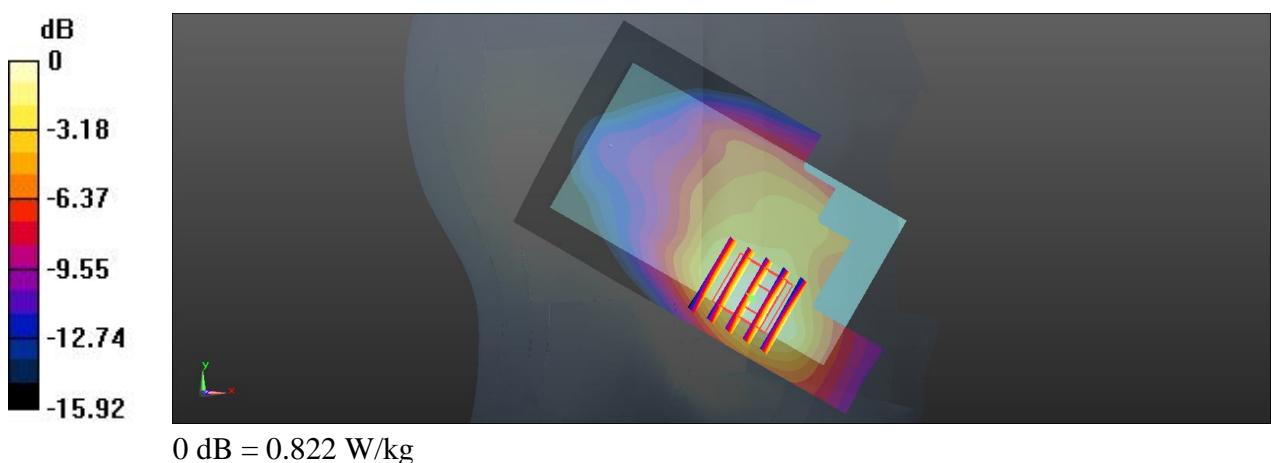
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.043 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.962 W/kg

**SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 0.822 W/kg



**38 WCDMA Band II\_RMC 12.2K\_Left Cheek\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131107 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.423 \text{ S/m}$ ;  $\epsilon_r = 40.497$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

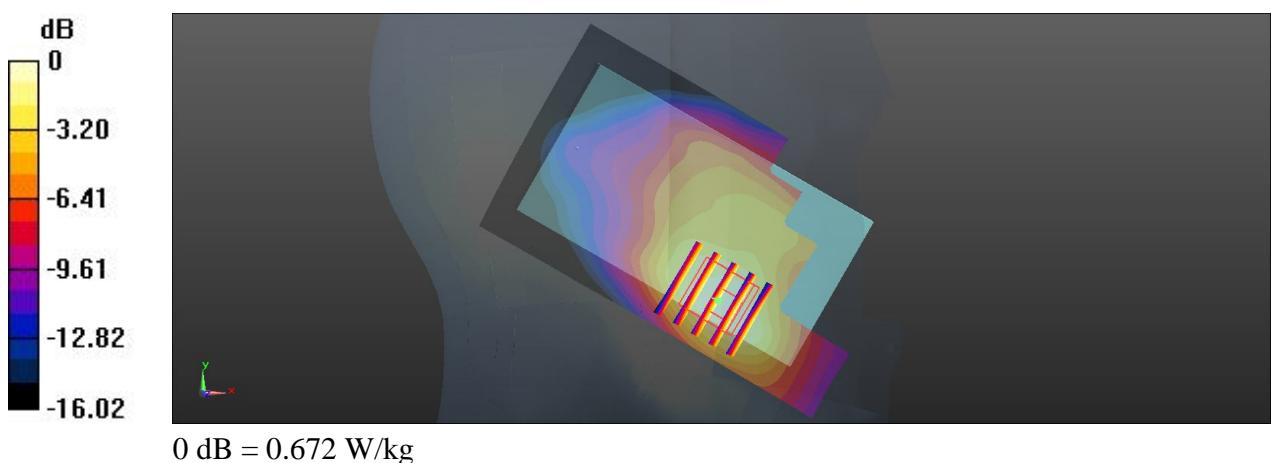
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.197 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.789 W/kg

**SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.325 W/kg**

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



## 23 WLAN 2.4GHz\_802.11b\_Right Check\_Ch11

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_131107 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 39.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (71x121x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.409 W/kg

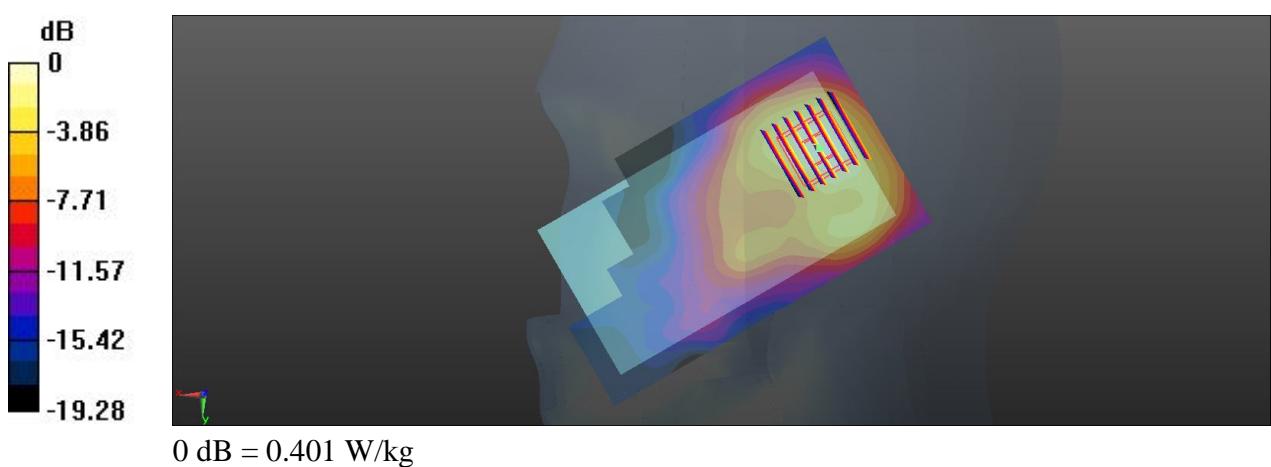
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.920 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.492 W/kg

**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.401 W/kg



**24 WLAN 2.4GHz\_802.11b\_Right Tilted\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_131107 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 39.623$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (71x121x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.397 W/kg

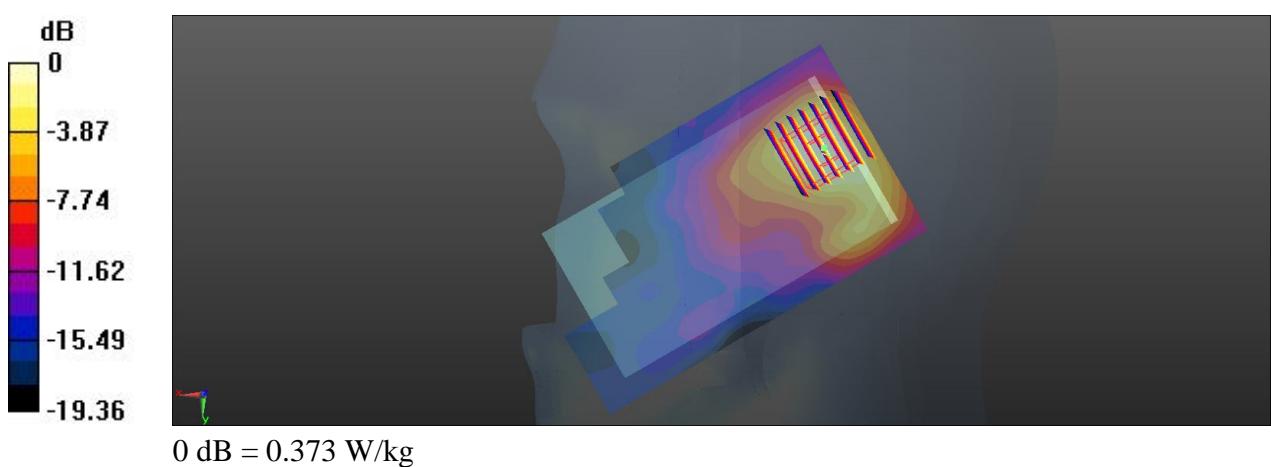
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.826 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.463 W/kg

**SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.148 W/kg**

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



**25 WLAN 2.4GHz\_802.11b\_Left Cheek\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_131107 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 39.623$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (71x121x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.649 W/kg

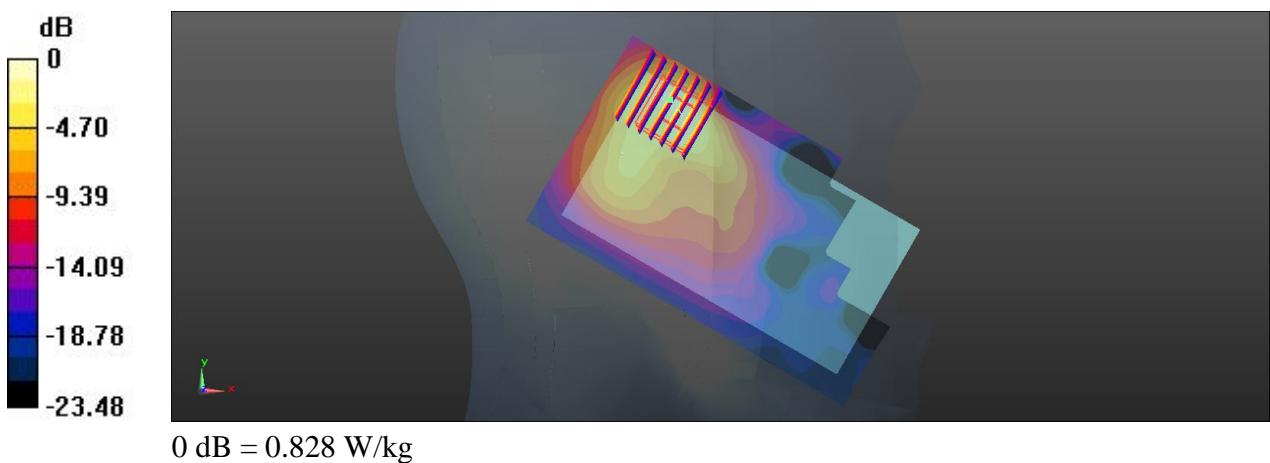
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.690 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.828 W/kg



**26 WLAN 2.4GHz\_802.11b\_Left Tilted\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_131107 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 39.623$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (71x121x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.389 W/kg

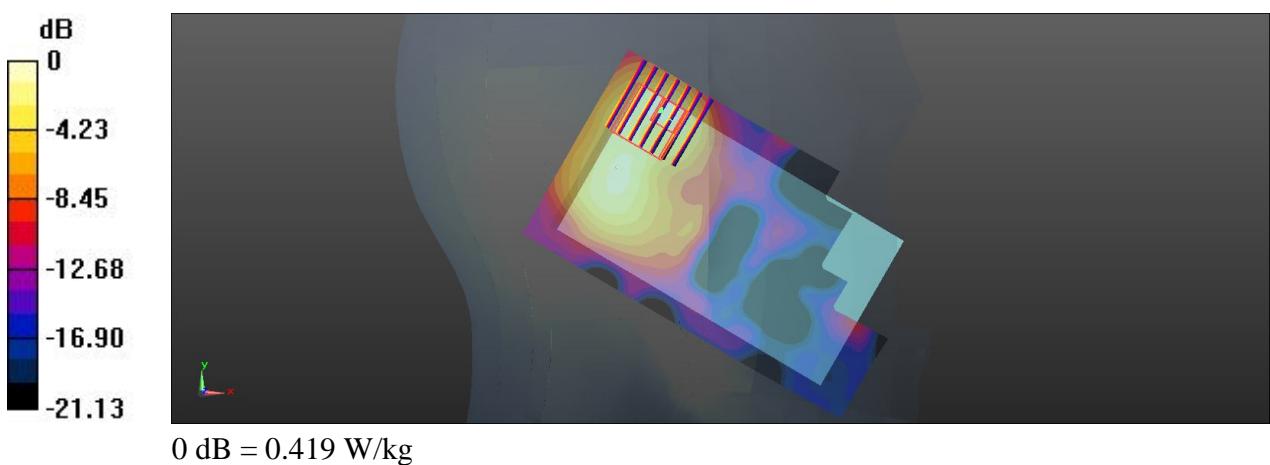
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.028 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.573 W/kg

**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.113 W/kg**

Maximum value of SAR (measured) = 0.419 W/kg



**71 GSM850\_GPRS (GMSK 4 Tx slots) \_Front\_1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

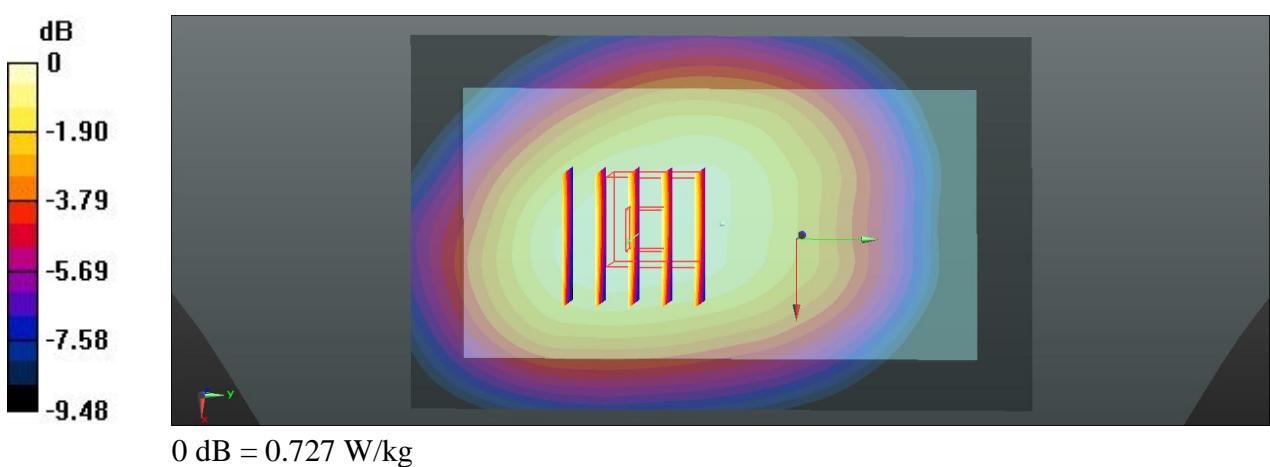
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.709 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.802 W/kg

**SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.486 W/kg**

Maximum value of SAR (measured) = 0.727 W/kg



**72 GSM850\_GPRS (GMSK 4 Tx slots) \_Back\_1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 34.722 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 1.280 W/kg; SAR(10 g) = 0.972 W/kg**

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

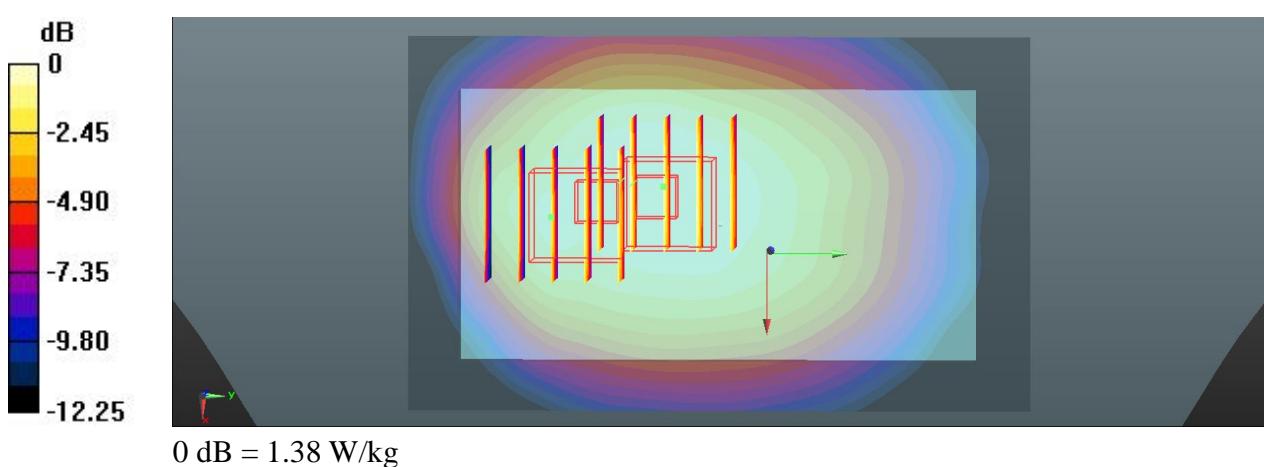
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.722 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.760 W/kg**

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



**73 GSM850\_GPRS (GMSK 4 Tx slots) \_Left side\_1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.785 W/kg

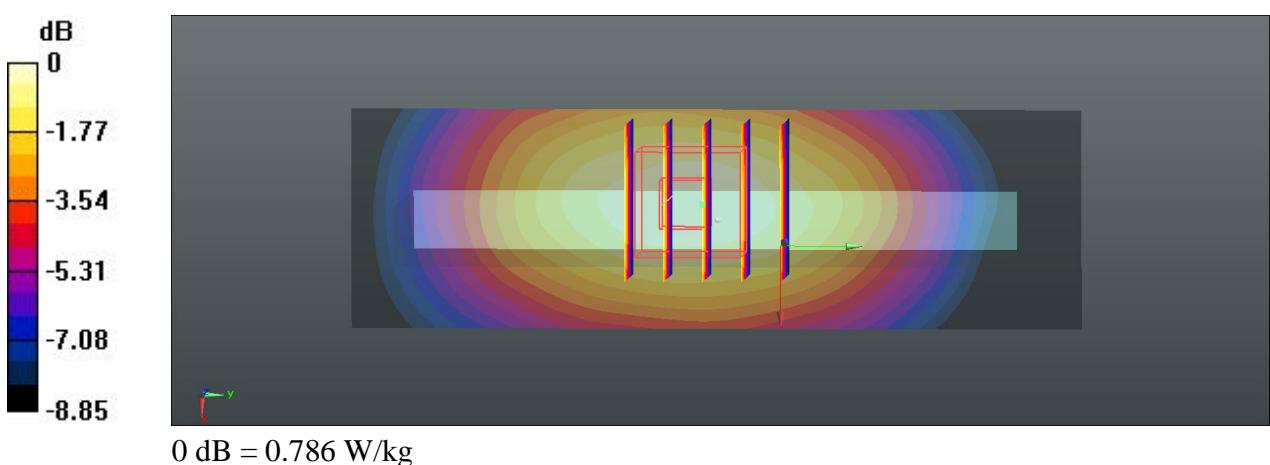
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.323 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.891 W/kg

**SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.472 W/kg**

Maximum value of SAR (measured) = 0.786 W/kg



**74 GSM850\_GPRS (GMSK 4 Tx slots) \_Right side\_1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 W/kg

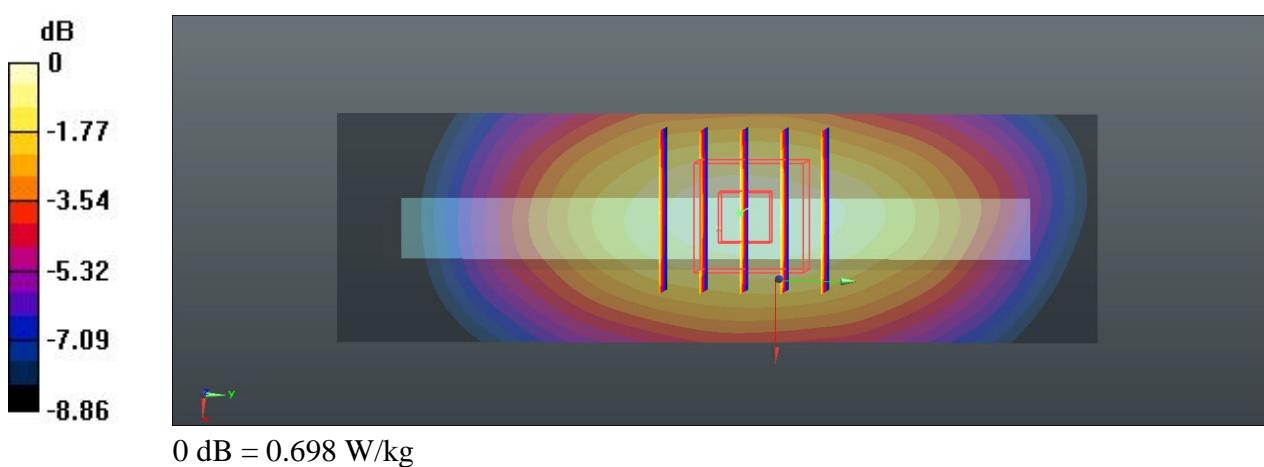
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.528 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.794 W/kg

**SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 0.698 W/kg



**75 GSM850\_GPRS (GMSK 4 Tx slots) \_Bottom side\_1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0333 W/kg

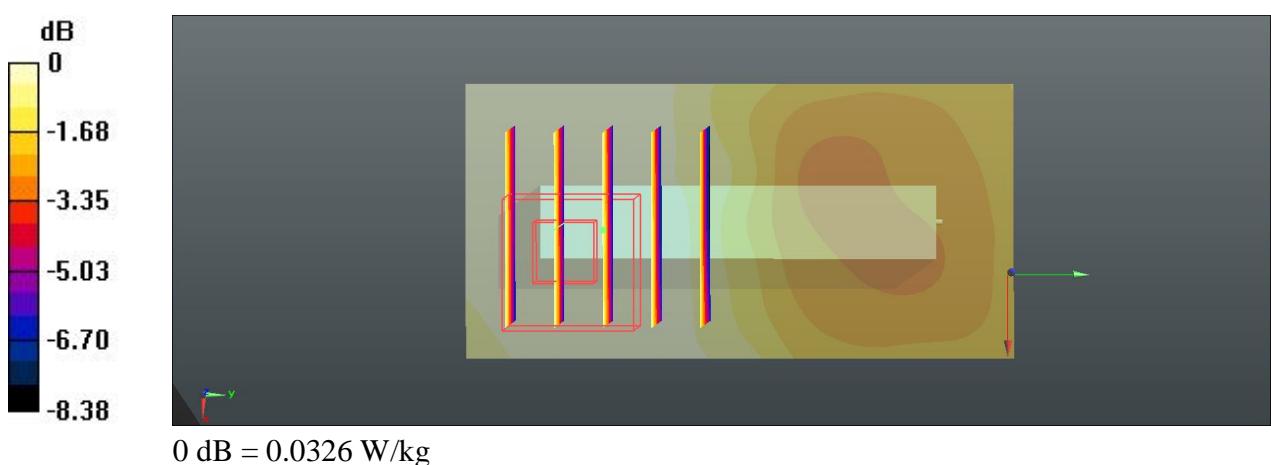
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.970 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0370 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0326 W/kg



**80 GSM850\_GPRS (GMSK 4 Tx slots) \_Back\_1cm\_Ch189**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_835\_131108 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 56.486$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch189/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 34.617 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.240 W/kg; SAR(10 g) = 0.947 W/kg**

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

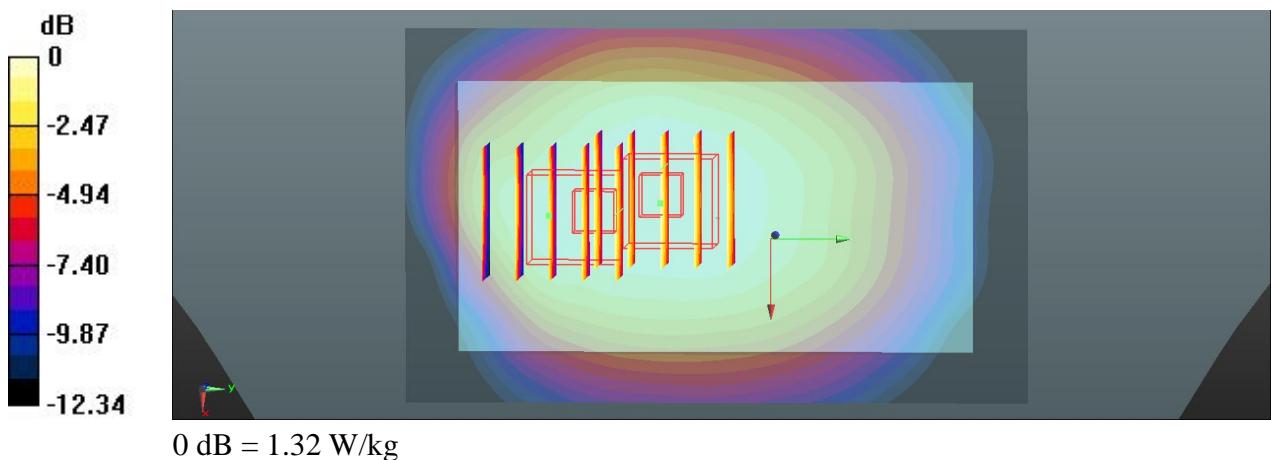
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.617 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.735 W/kg**

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



**81 GSM850\_GPRS (GMSK 4 Tx slots) \_Back\_1cm\_Ch251**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_835\_131108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 56.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch251/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 35.246 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.290 W/kg; SAR(10 g) = 0.987 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg

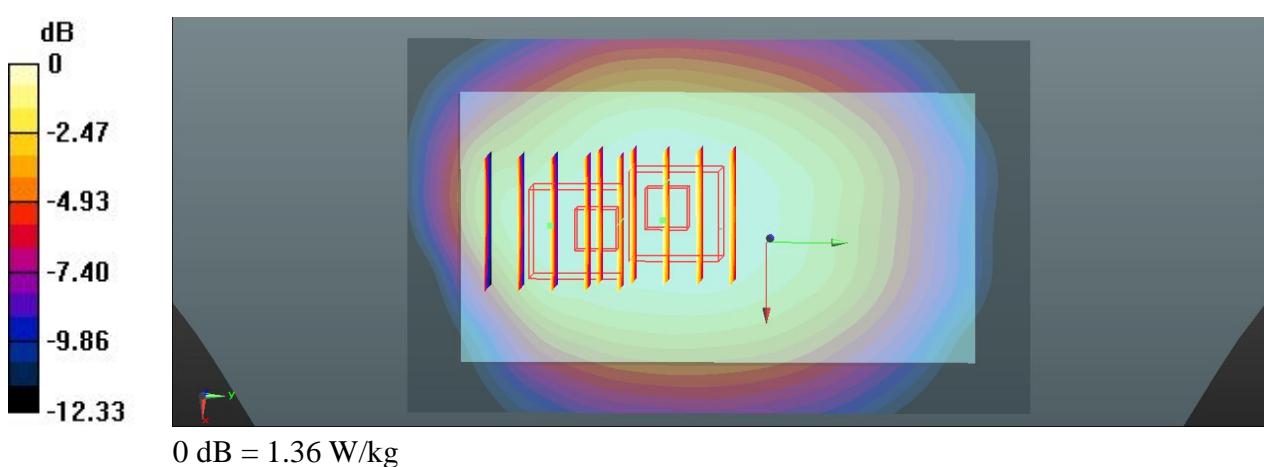
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.246 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.756 W/kg**

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



**99 GSM850\_GPRS (GMSK 4 Tx slots) \_Back\_1cm\_Ch251\_Repeat SAR**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_835\_131108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 56.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch251/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 35.374 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 1.260 W/kg; SAR(10 g) = 0.955 W/kg**

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

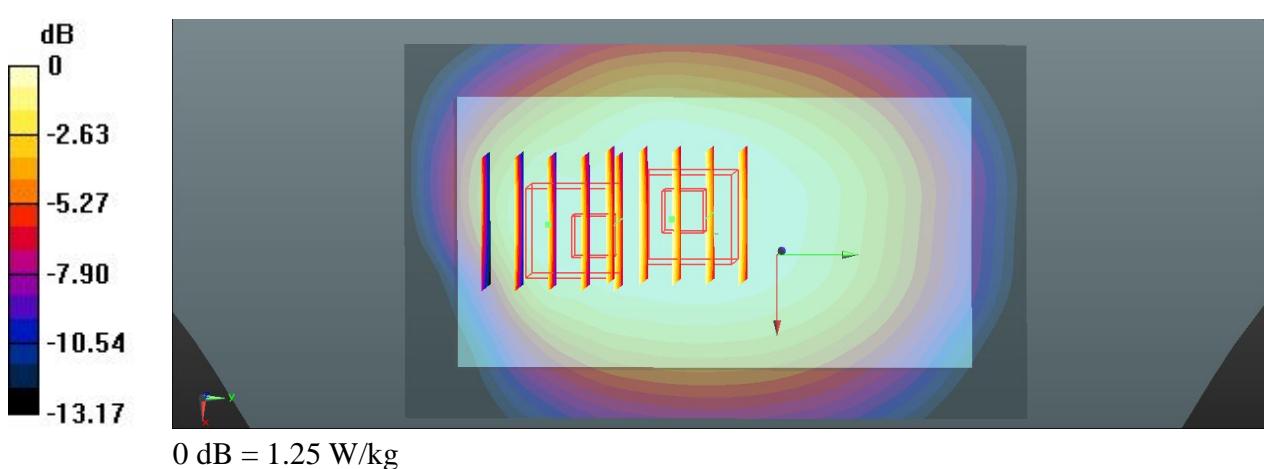
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.374 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.683 W/kg**

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



## 76 GSM850\_GSM Voice\_Front\_1cm\_Ch128

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

Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 56.589$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.438 W/kg

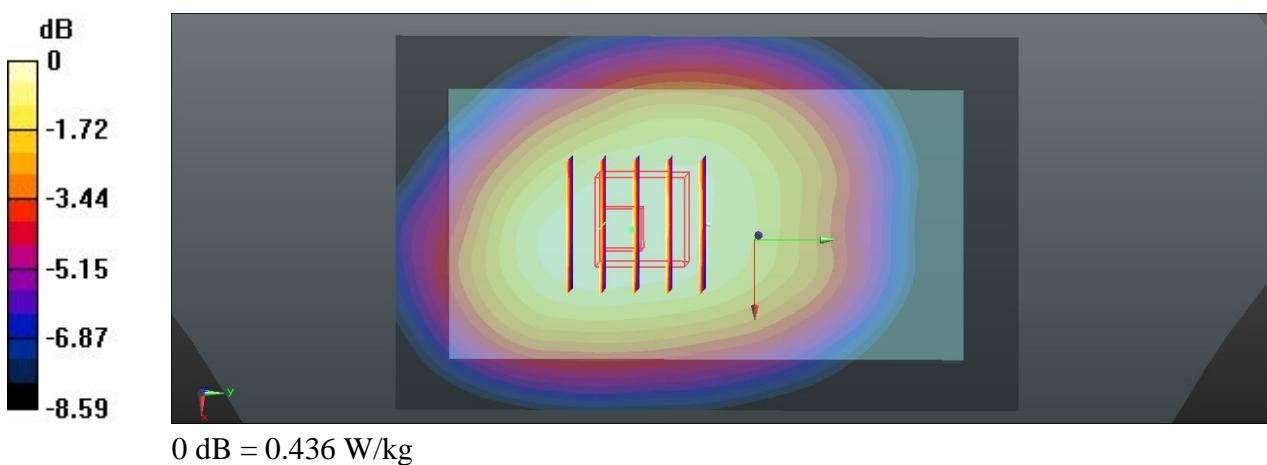
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.238 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.482 W/kg

**SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.295 W/kg**

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



**77 GSM850\_GSM Voice \_Back\_1cm\_Ch128**

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

Medium: MSL\_835\_131108 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.96$  S/m;  $\epsilon_r = 56.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.841 W/kg

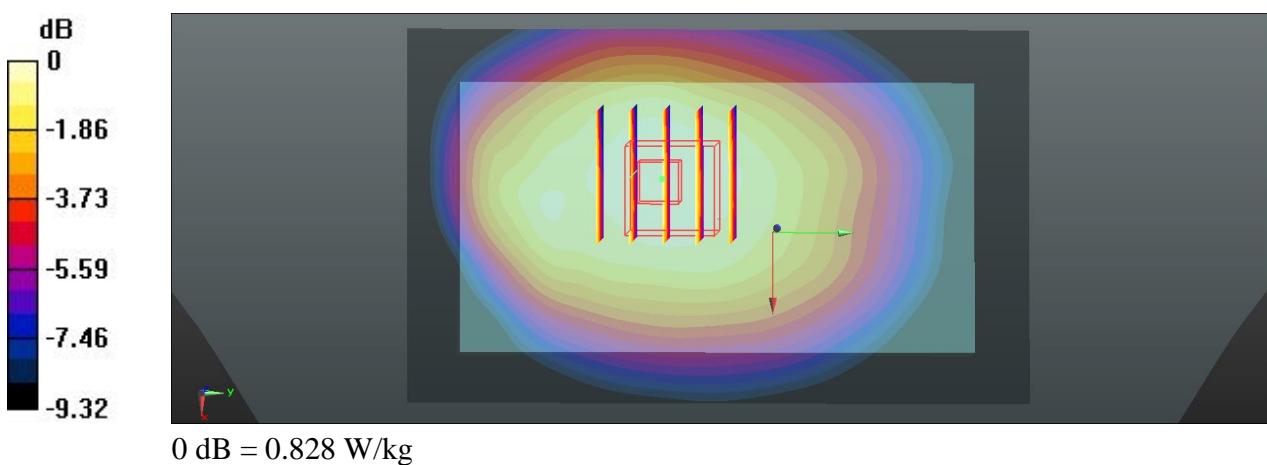
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.330 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.910 W/kg

**SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.559 W/kg**

Maximum value of SAR (measured) = 0.828 W/kg



**78 GSM850\_GSM Voice \_Back\_1cm\_Ch189**

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

Medium: MSL\_835\_131108 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch189/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.890 W/kg

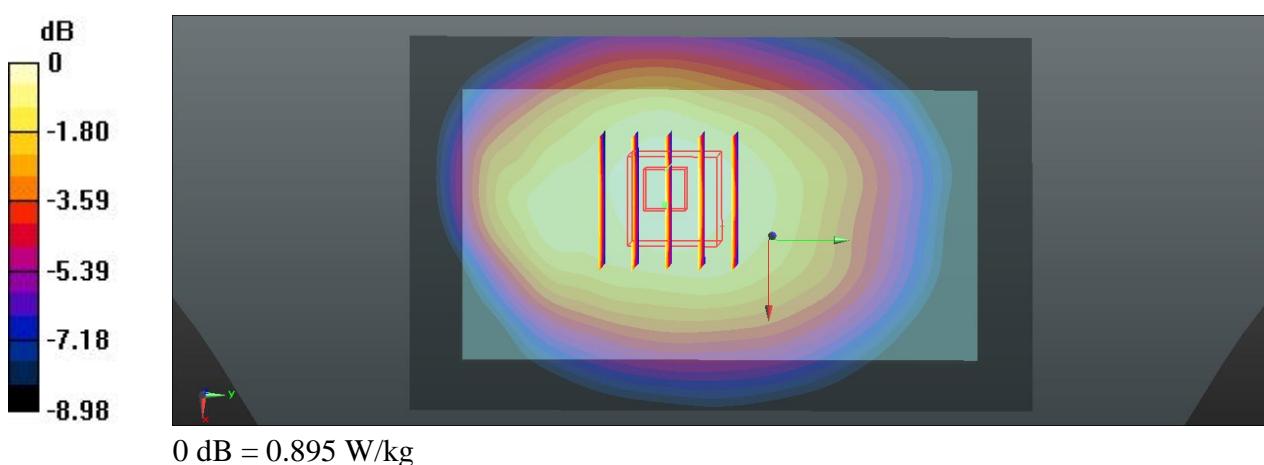
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.148 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.982 W/kg

**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.593 W/kg**

Maximum value of SAR (measured) = 0.895 W/kg



**79 GSM850\_GSM Voice \_Back\_1cm\_Ch251**

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

Medium: MSL\_835\_131108 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 56.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch251/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

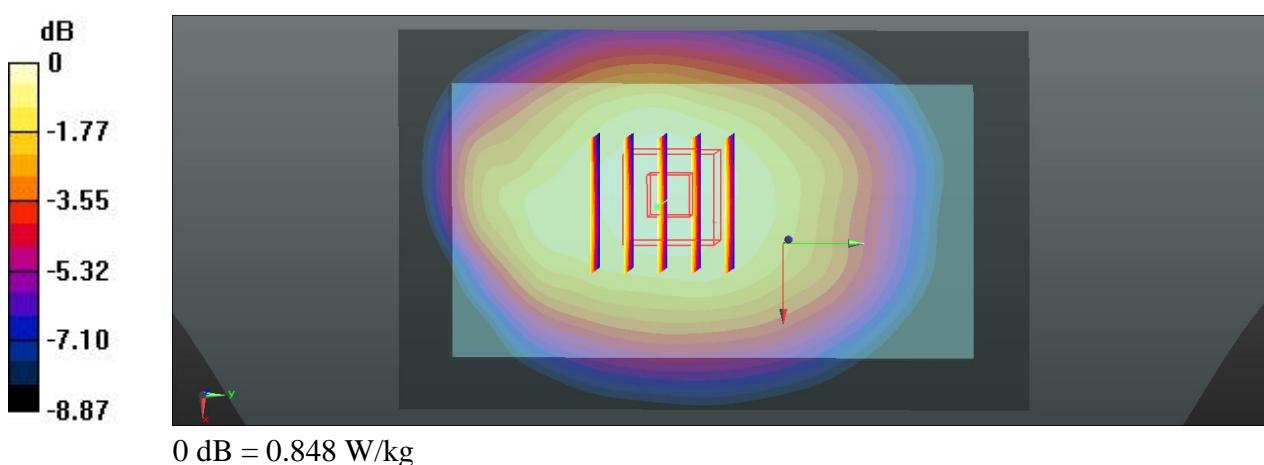
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.587 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.930 W/kg

**SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.568 W/kg**

Maximum value of SAR (measured) = 0.848 W/kg



**01 GSM1900\_GPRS (GMSK 4 Tx slots)\_Front\_1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.486 \text{ S/m}$ ;  $\epsilon_r = 52.686$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.852 W/kg

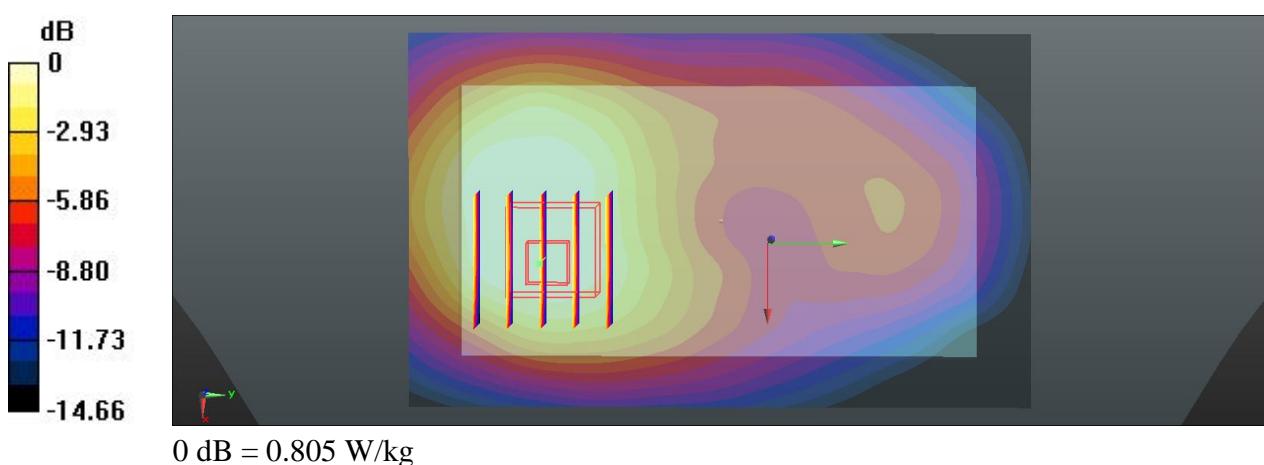
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.963 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.975 W/kg

**SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.397 W/kg**

Maximum value of SAR (measured) = 0.805 W/kg



**02 GSM1900\_GPRS (GMSK 4 Tx slots)\_Back\_1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.486 \text{ S/m}$ ;  $\epsilon_r = 52.686$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.876 W/kg

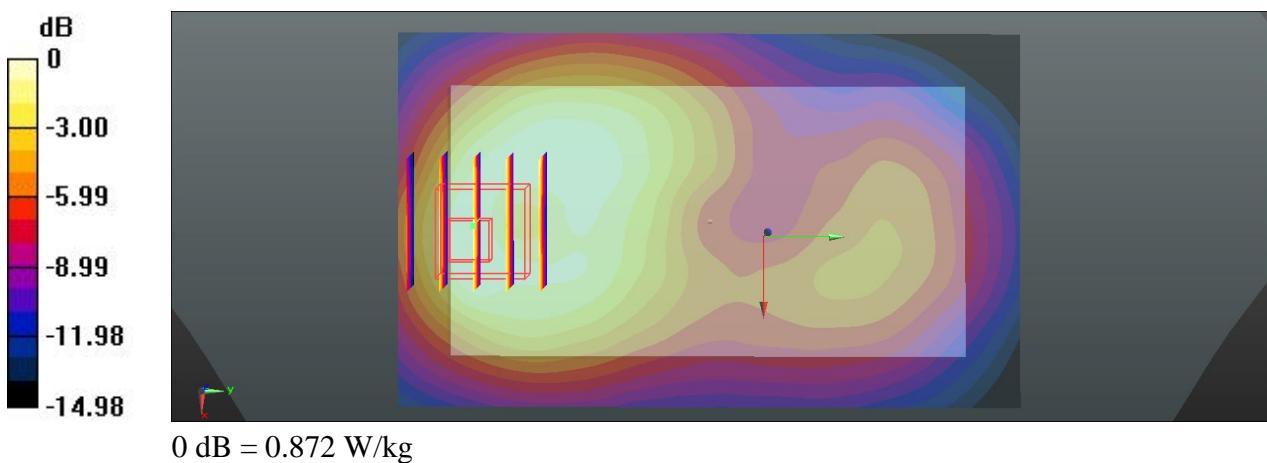
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.827 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.407 W/kg**

Maximum value of SAR (measured) = 0.872 W/kg



**03 GSM1900\_GPRS (GMSK 4 Tx slots)\_Left side\_1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.486 \text{ S/m}$ ;  $\epsilon_r = 52.686$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.286 W/kg

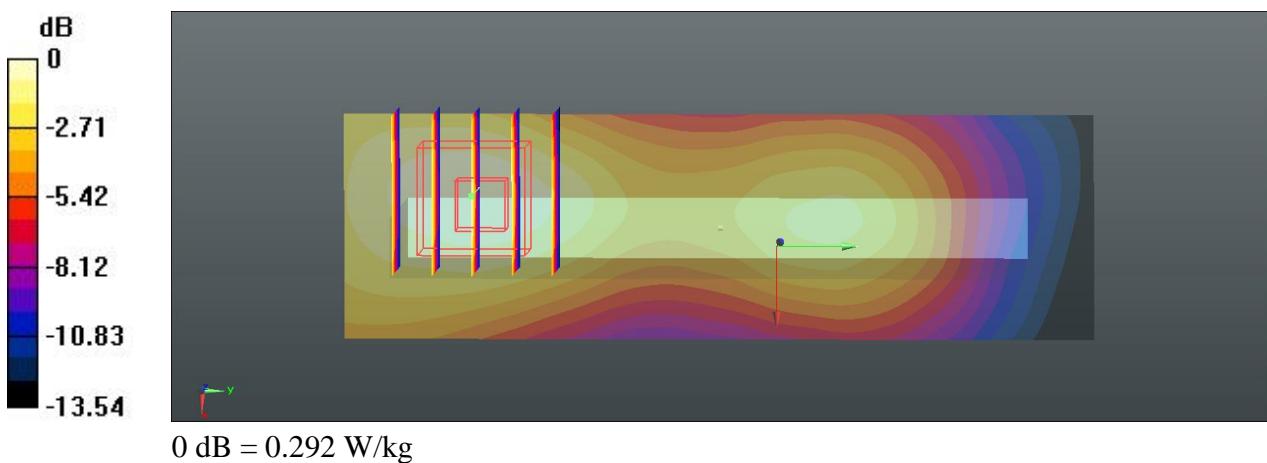
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.257 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.347 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.142 W/kg**

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



**04 GSM1900\_GPRS (GMSK 4 Tx slots)\_Right side\_1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.486 \text{ S/m}$ ;  $\epsilon_r = 52.686$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 W/kg

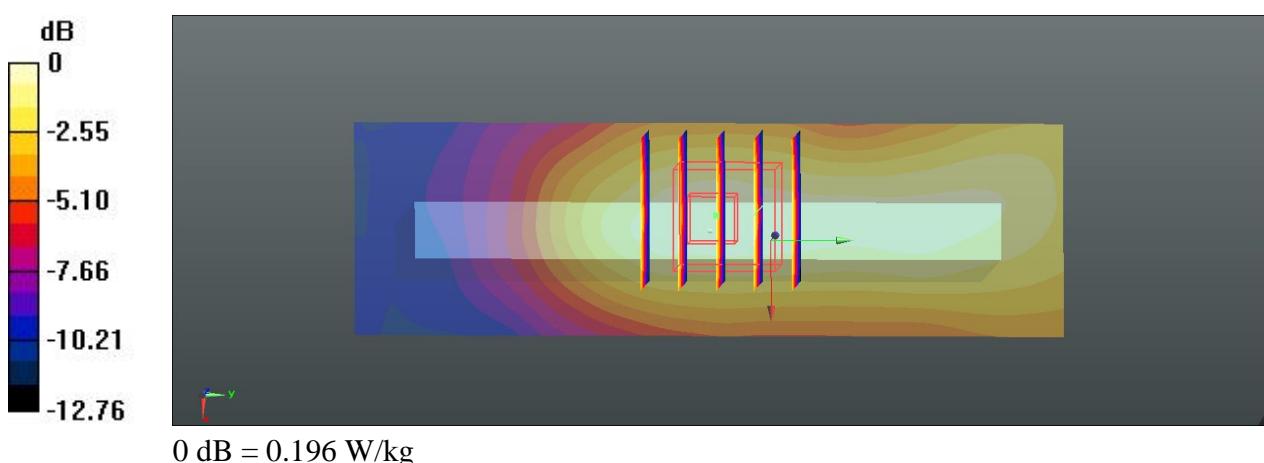
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.379 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.096 W/kg**

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



**05 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side\_1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.486 \text{ S/m}$ ;  $\epsilon_r = 52.686$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

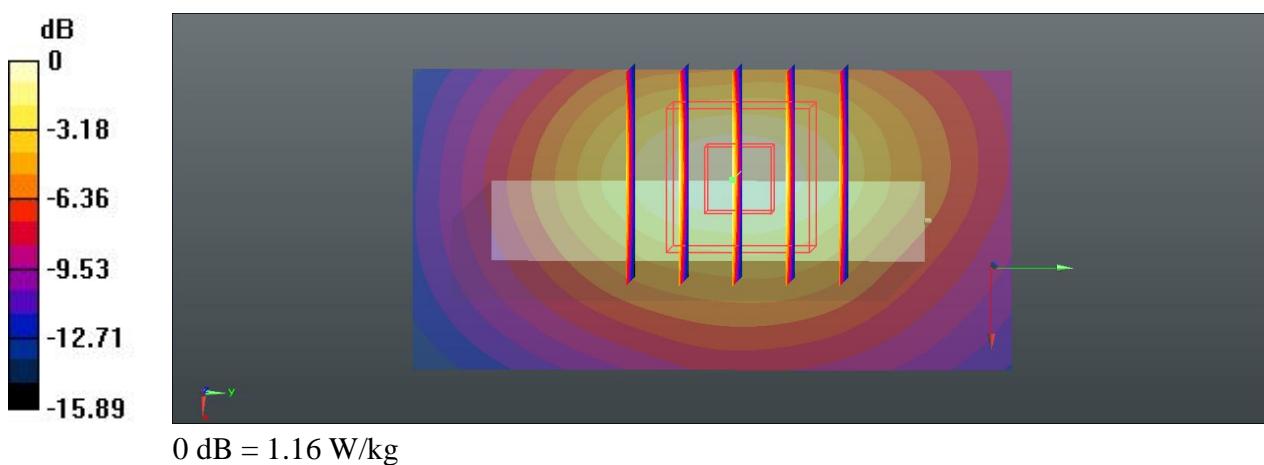
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.781 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.482 W/kg**

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



**06 GSM1900\_GPRS (GMSK 4 Tx slots)\_Front\_1cm\_Ch661**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 52.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

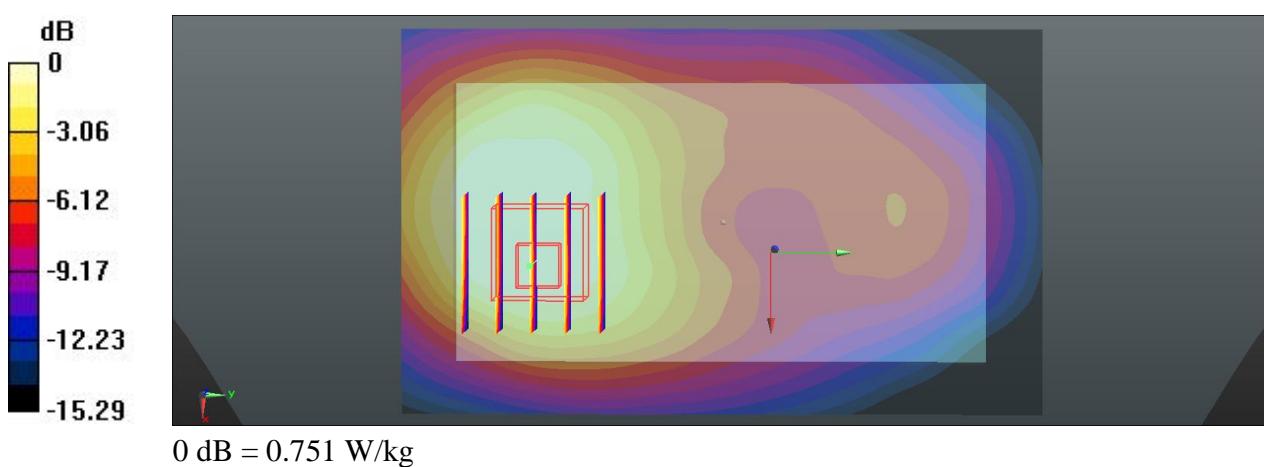
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.435 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.906 W/kg

**SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.361 W/kg**

Maximum value of SAR (measured) = 0.751 W/kg



**07 GSM1900\_GPRS (GMSK 4 Tx slots)\_Front\_1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.554$  S/m;  $\epsilon_r = 52.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.706 W/kg

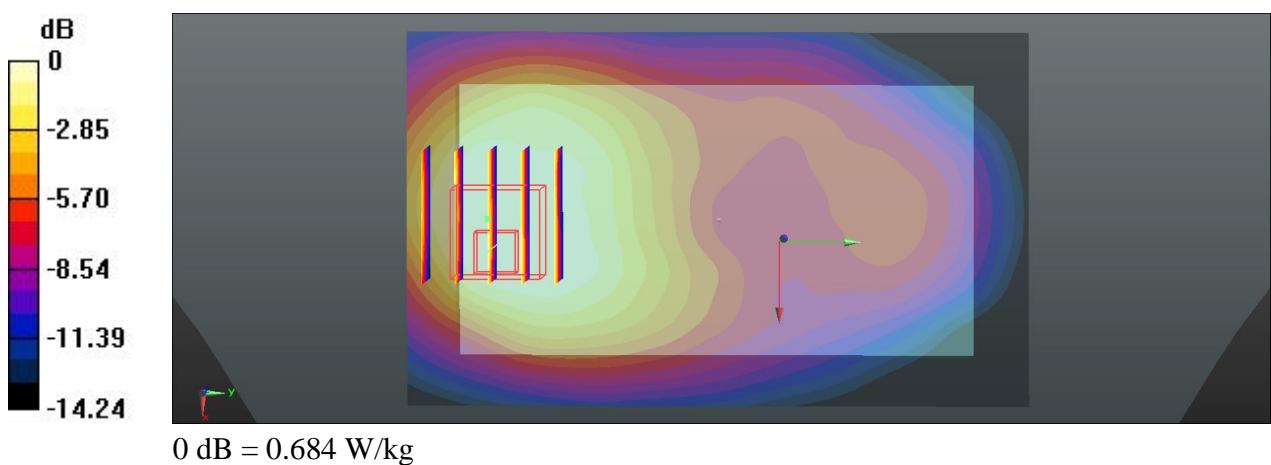
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.969 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.327 W/kg**

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



**08 GSM1900\_GPRS (GMSK 4 Tx slots)\_Back\_1cm\_Ch661**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 52.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.877 W/kg

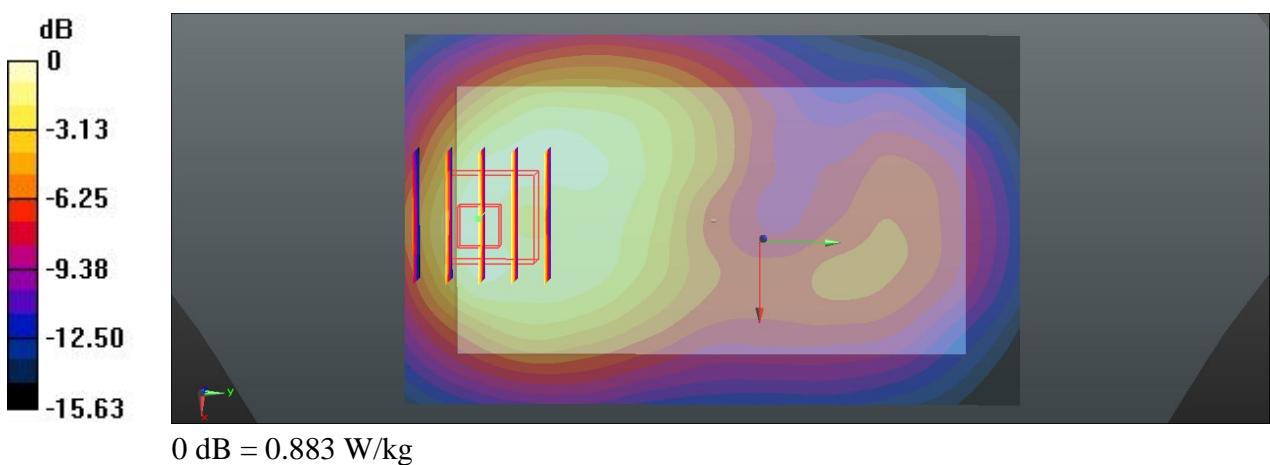
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.537 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.409 W/kg**

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



**09 GSM1900\_GPRS (GMSK 4 Tx slots)\_Back\_1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.554 \text{ S/m}$ ;  $\epsilon_r = 52.493$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.957 W/kg

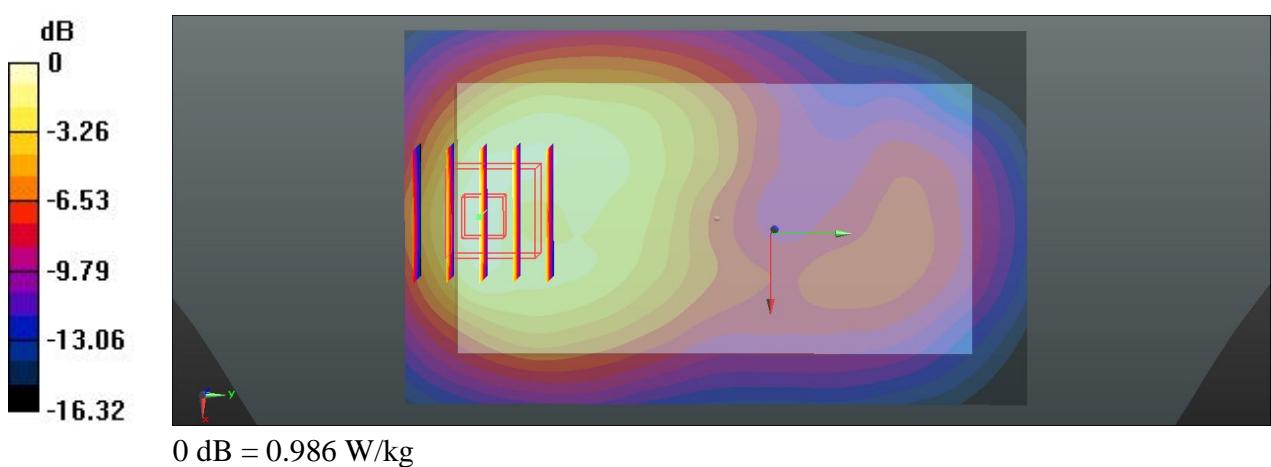
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.743 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.442 W/kg**

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



**10 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side\_1cm\_Ch661**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 52.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

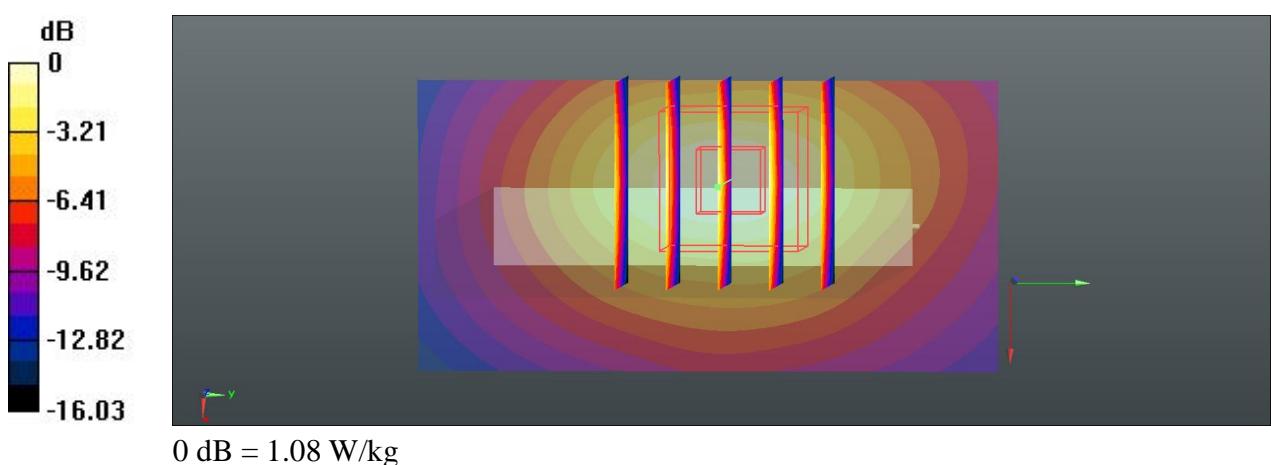
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.087 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.458 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



**11 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side\_1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.554 \text{ S/m}$ ;  $\epsilon_r = 52.493$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

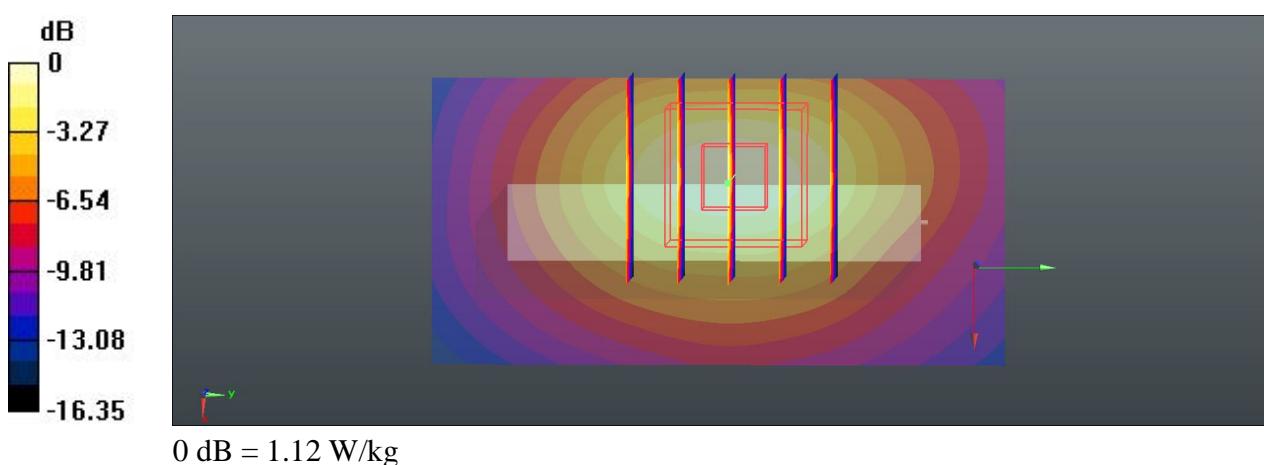
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.204 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.454 W/kg**

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



## 12 GSM1900\_GSM Voice\_Front\_1cm\_Ch512

Communication System: GSM Voice; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.486$  S/m;  $\epsilon_r = 52.686$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.517 W/kg

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

Reference Value = 7.622 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.602 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.491 W/kg



0 dB = 0.491 W/kg

## 13 GSM1900\_GSM Voice\_Back\_1cm\_Ch512

Communication System: GSM Voice; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.486$  S/m;  $\epsilon_r = 52.686$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.507 W/kg

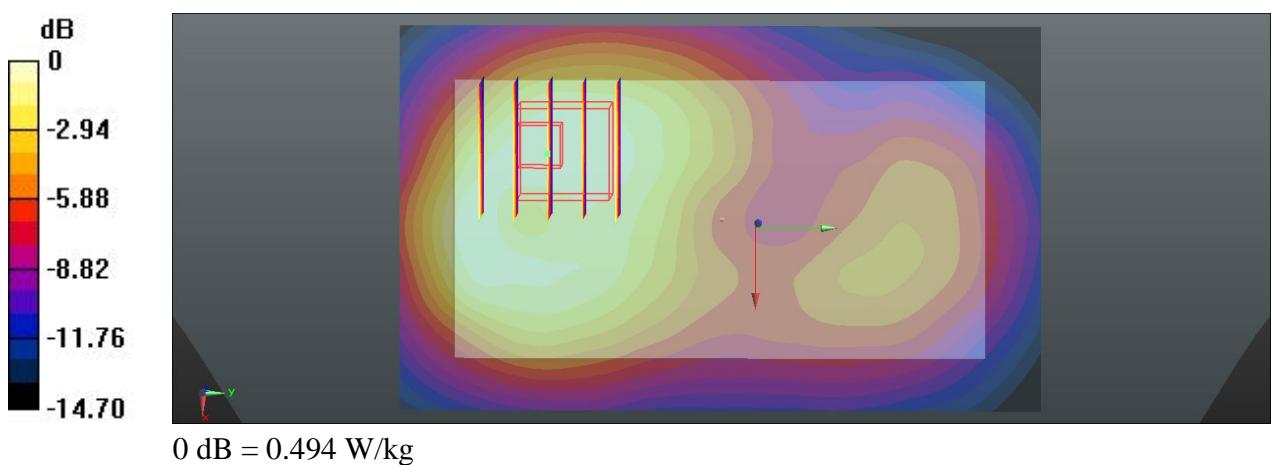
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.356 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.494 W/kg



**61 WCDMA Band V\_RMC 12.2K\_Front\_1cm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 56.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.548 W/kg

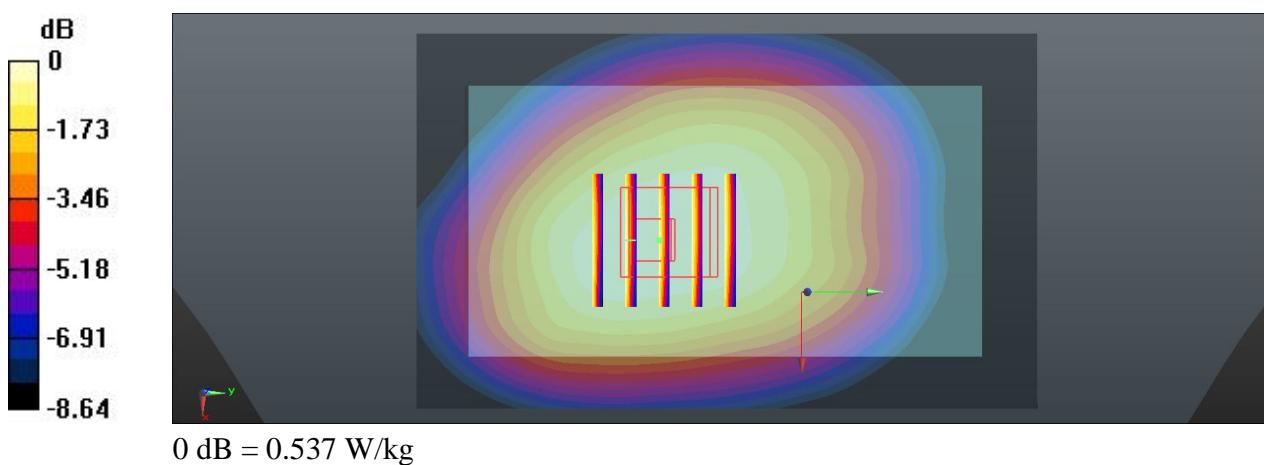
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.682 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.593 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.367 W/kg**

Maximum value of SAR (measured) = 0.537 W/kg



**62 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 56.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 W/kg

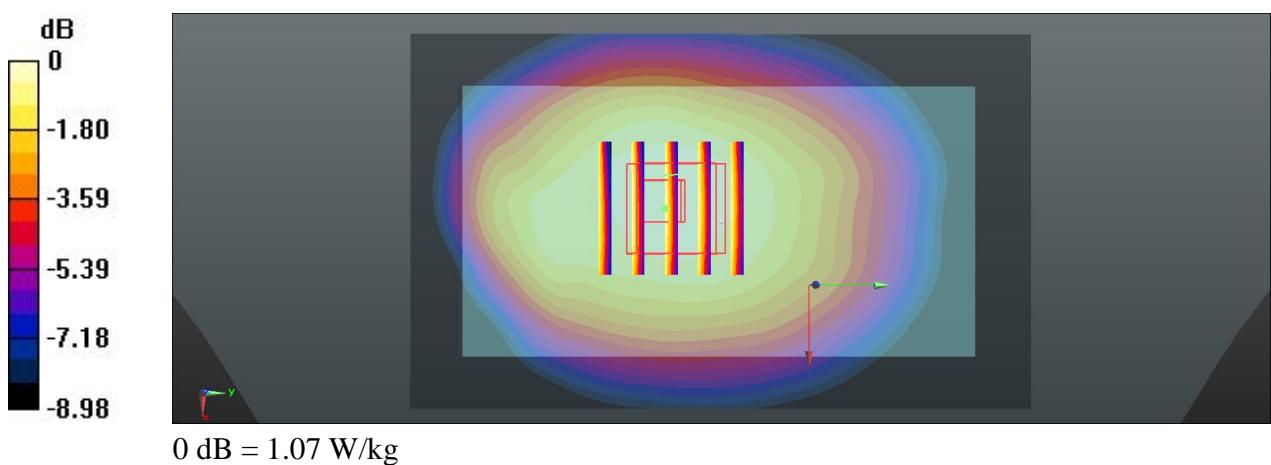
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.026 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.712 W/kg**

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



**63 WCDMA Band V\_RMC 12.2K\_Left side\_1cm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 56.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.606 W/kg

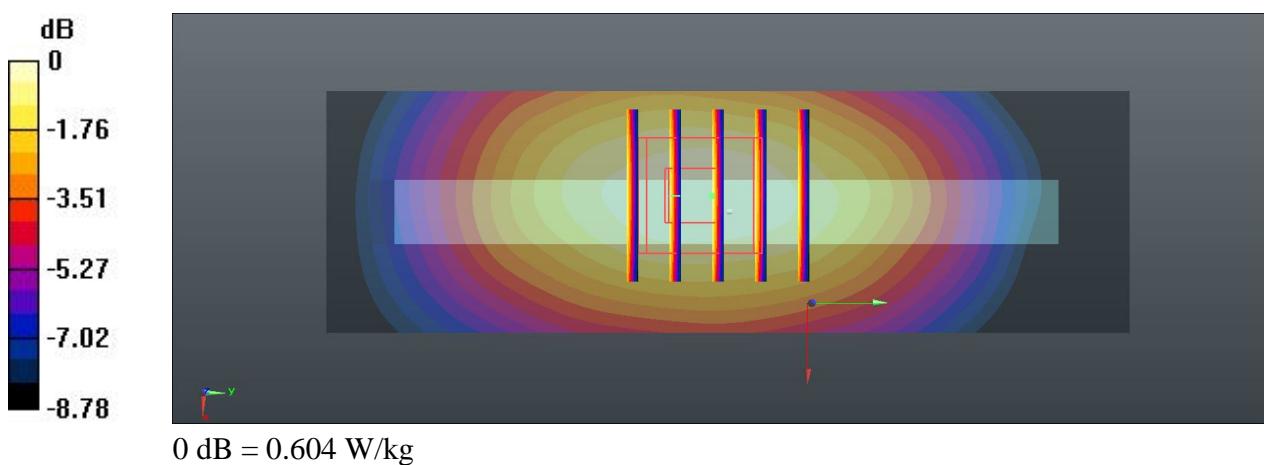
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.031 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.679 W/kg

**SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.361 W/kg**

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



**64 WCDMA Band V\_RMC 12.2K\_Right side\_1cm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 56.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

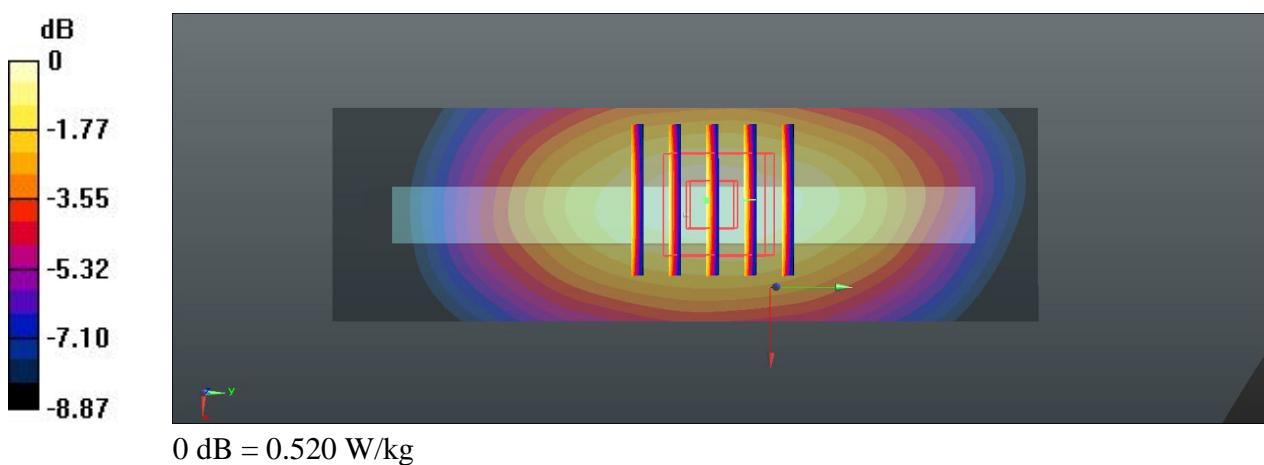
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.205 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.594 W/kg

**SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.306 W/kg**

Maximum value of SAR (measured) = 0.520 W/kg



**65 WCDMA Band V\_RMC 12.2K\_Bottom side\_1cm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_131108 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 56.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0815 W/kg

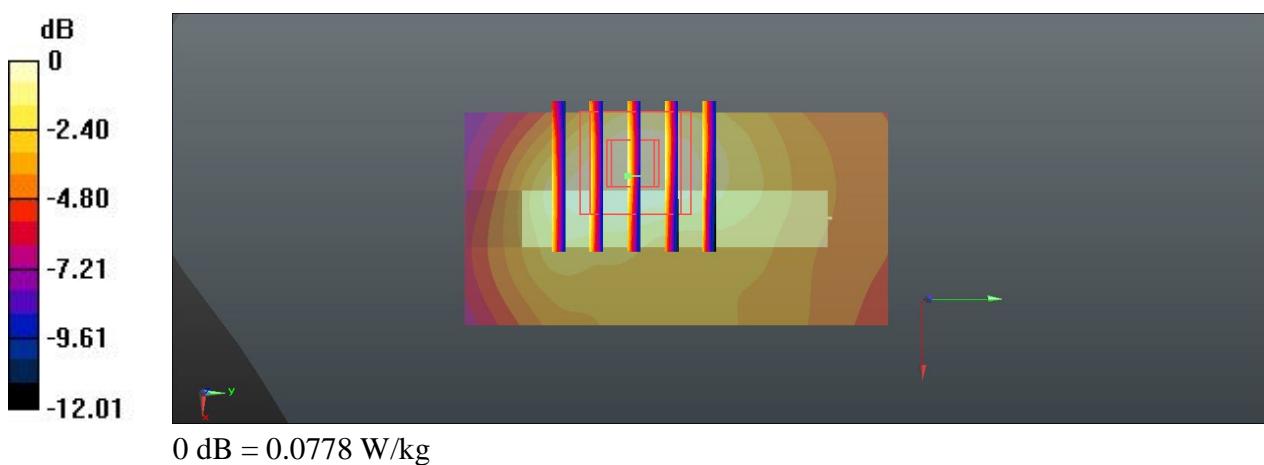
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.312 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0970 W/kg

**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.039 W/kg**

Maximum value of SAR (measured) = 0.0778 W/kg



**66 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4182**

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

Medium: MSL\_835\_131108 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

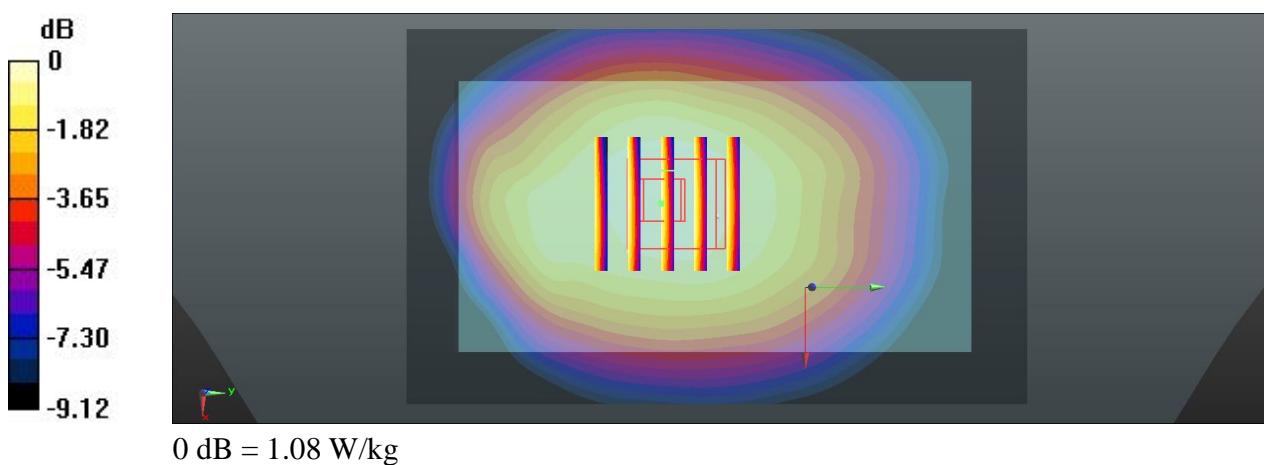
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.321 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.725 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



**67 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.981 \text{ S/m}$ ;  $\epsilon_r = 56.389$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4233/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

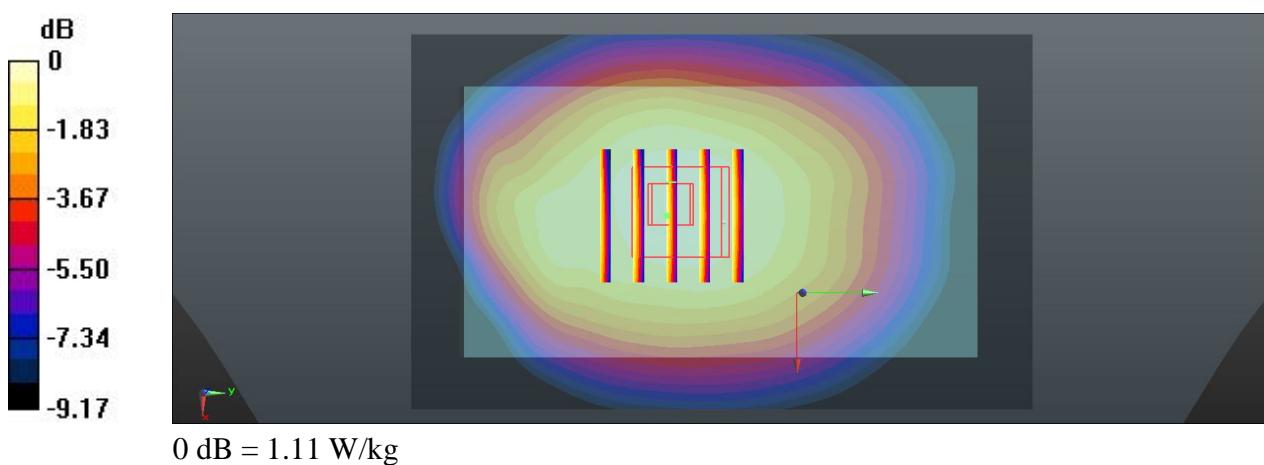
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.567 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.733 W/kg**

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



**68 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4132\_Headset**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.962$  S/m;  $\epsilon_r = 56.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.782 W/kg

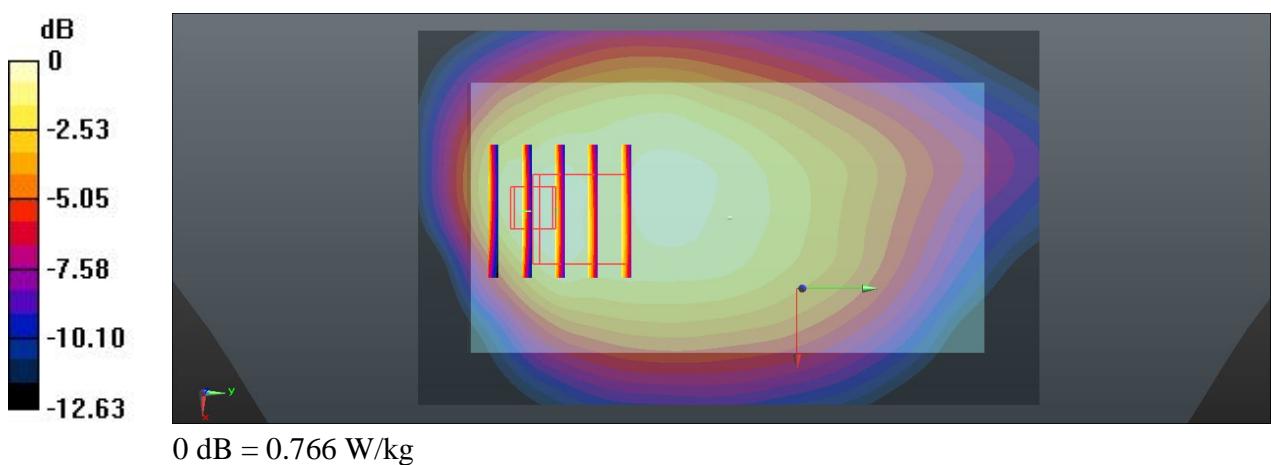
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.713 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.914 W/kg

**SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.388 W/kg**

Maximum value of SAR (measured) = 0.766 W/kg



**69 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4182\_Headset**

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

Medium: MSL\_835\_131108 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 56.486$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.769 W/kg

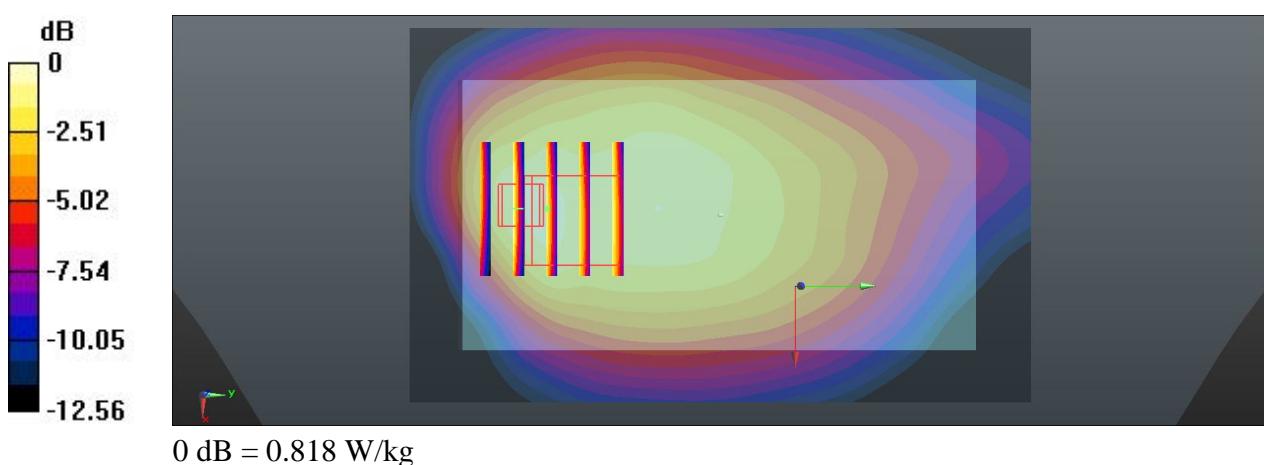
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.148 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.974 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.393 W/kg**

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



**70 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4233\_Headset**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131108 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.981 \text{ S/m}$ ;  $\epsilon_r = 56.389$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4233/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.857 W/kg

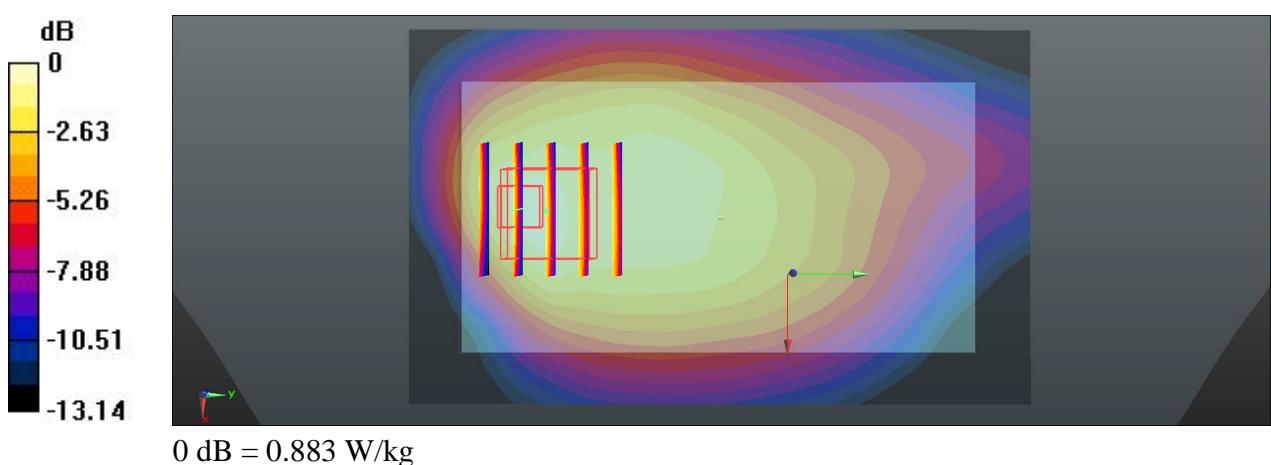
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.435 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.409 W/kg**

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



## 46 WCDMA Band IV\_RMC 12.2K\_Front\_1cm\_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 55.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 17.119 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.595 W/kg**

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

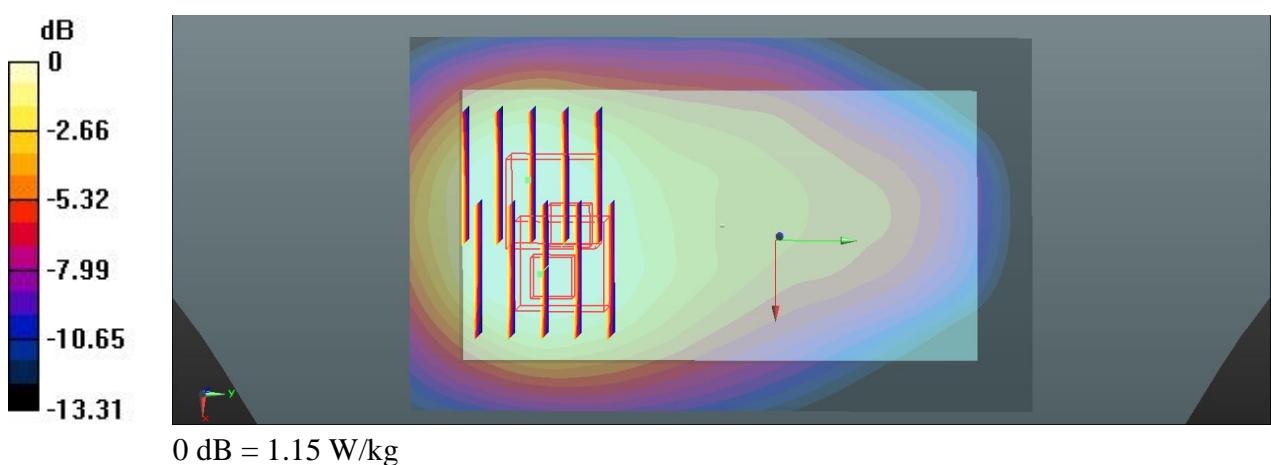
**Ch1312/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.119 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.553 W/kg**

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



**47 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 55.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 17.791 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.600 W/kg**

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

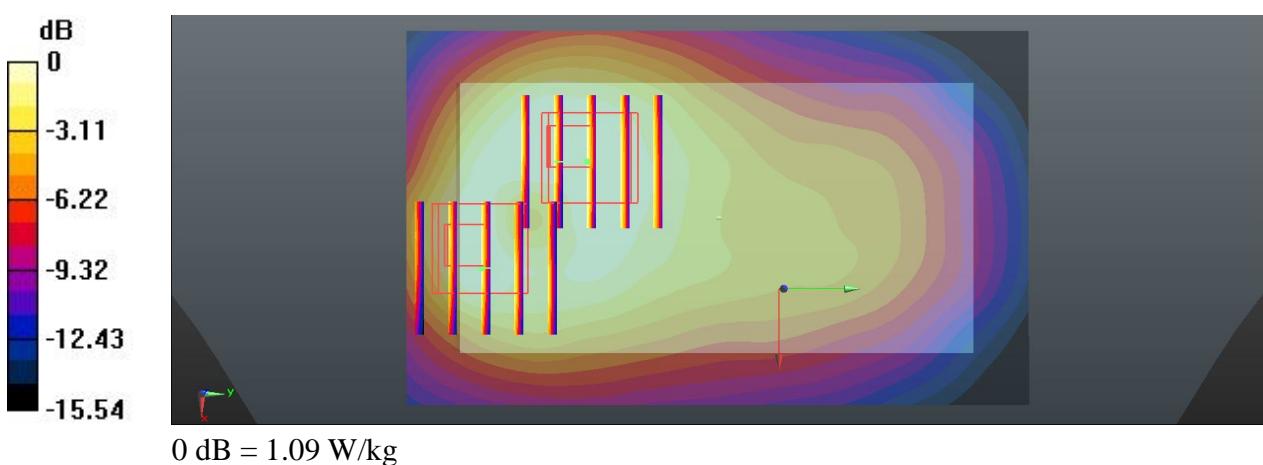
**Ch1312/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.791 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.489 W/kg**

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



**48 WCDMA Band IV\_RMC 12.2K\_Left side\_1cm\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 55.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.358 W/kg

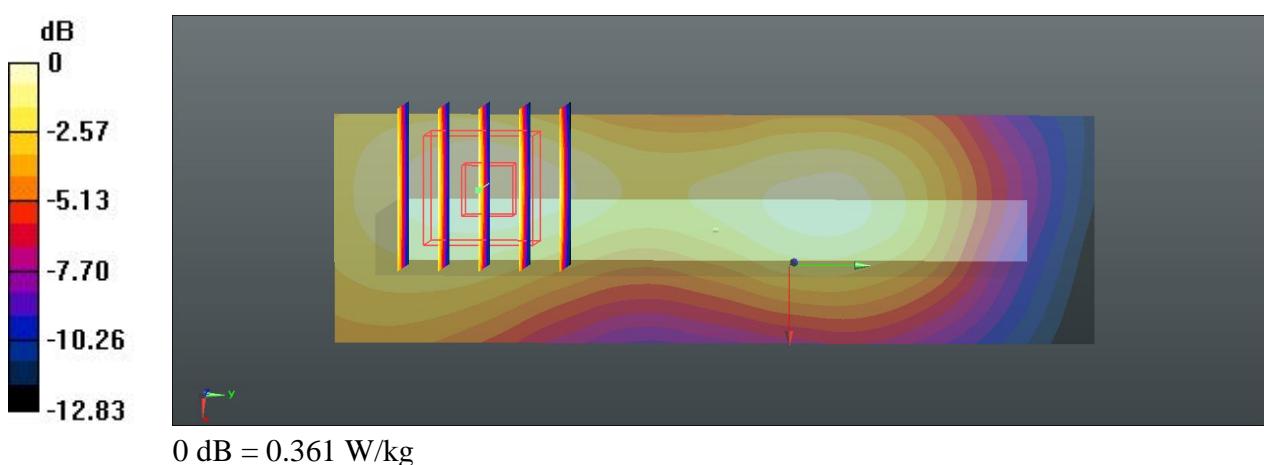
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.547 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.361 W/kg



**49 WCDMA Band IV\_RMC 12.2K\_Right side\_1cm\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 55.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

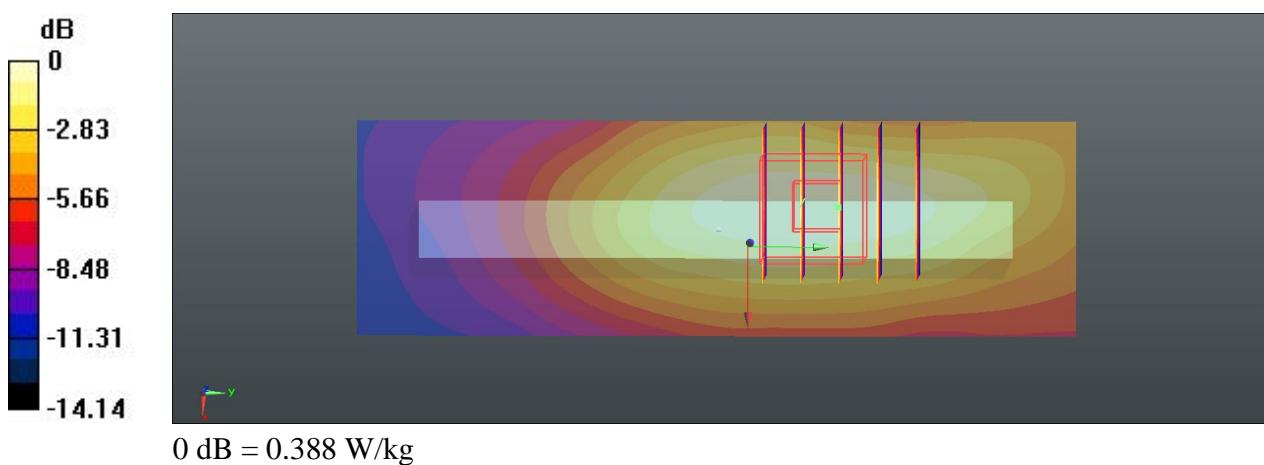
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.493 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.471 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.388 W/kg



**50 WCDMA Band IV\_RMC 12.2K\_Bottom side\_1cm\_Ch1312**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 55.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

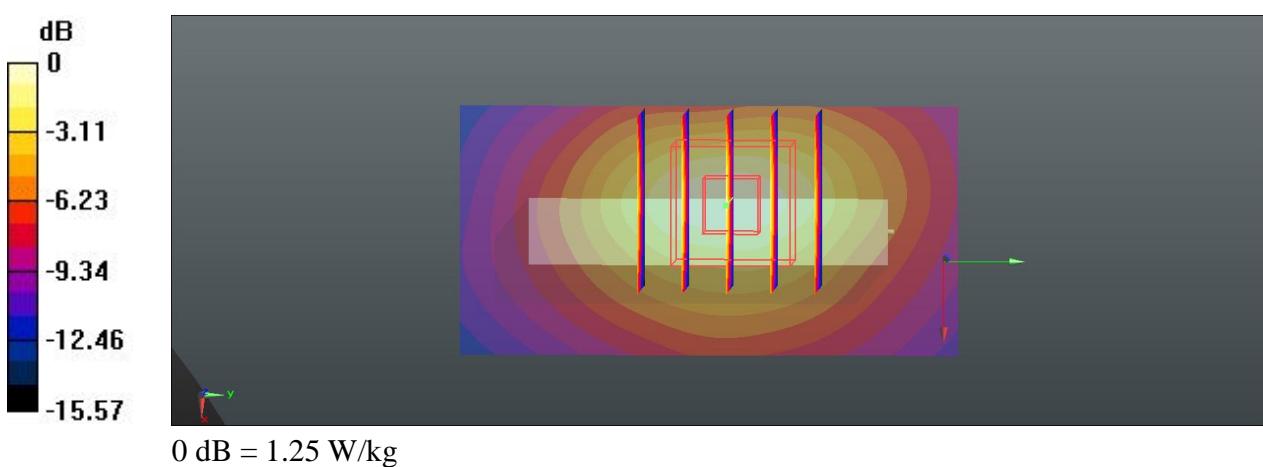
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.551 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.520 W/kg**

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



**51 WCDMA Band IV\_RMC 12.2K\_Front\_1cm\_Ch1413**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.5$  S/m;  $\epsilon_r = 54.964$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1413/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

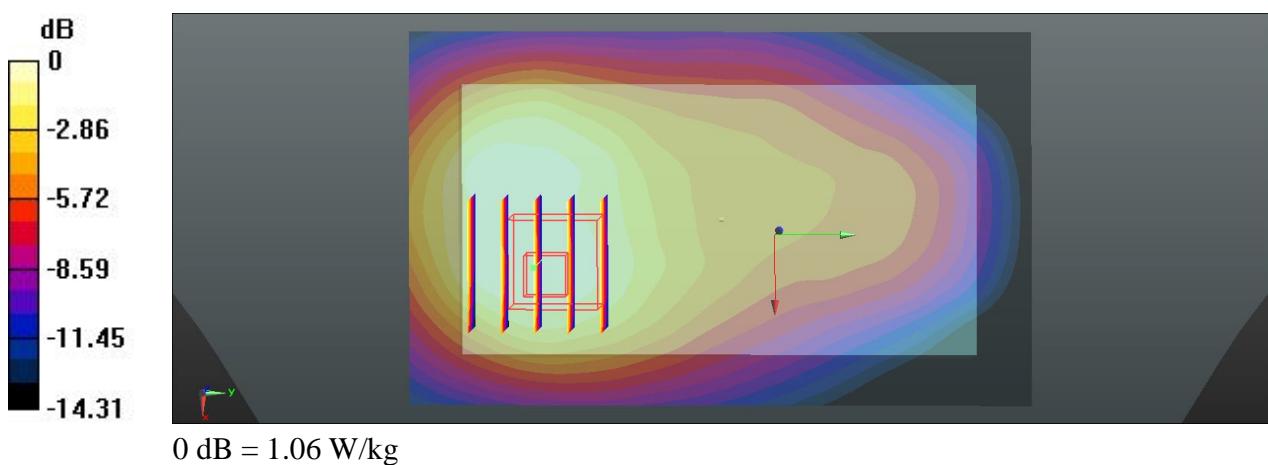
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.222 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.516 W/kg**

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



## 52 WCDMA Band IV\_RMC 12.2K\_Front\_1cm\_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 54.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.296 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.580 W/kg**

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

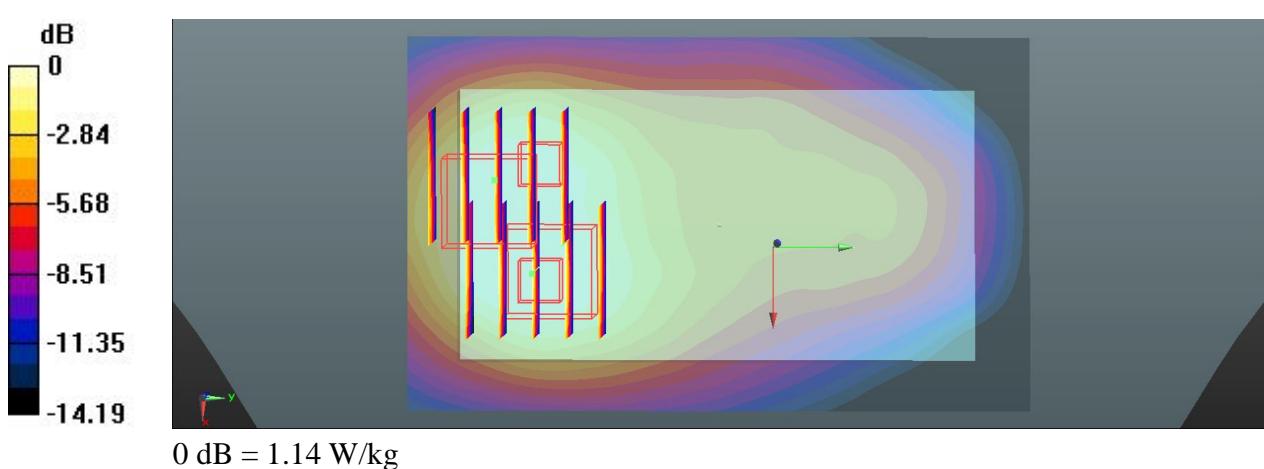
**Ch1513/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.296 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.512 W/kg**

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



## 53 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.5 \text{ S/m}$ ;  $\epsilon_r = 54.964$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1413/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.877 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.516 W/kg**

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

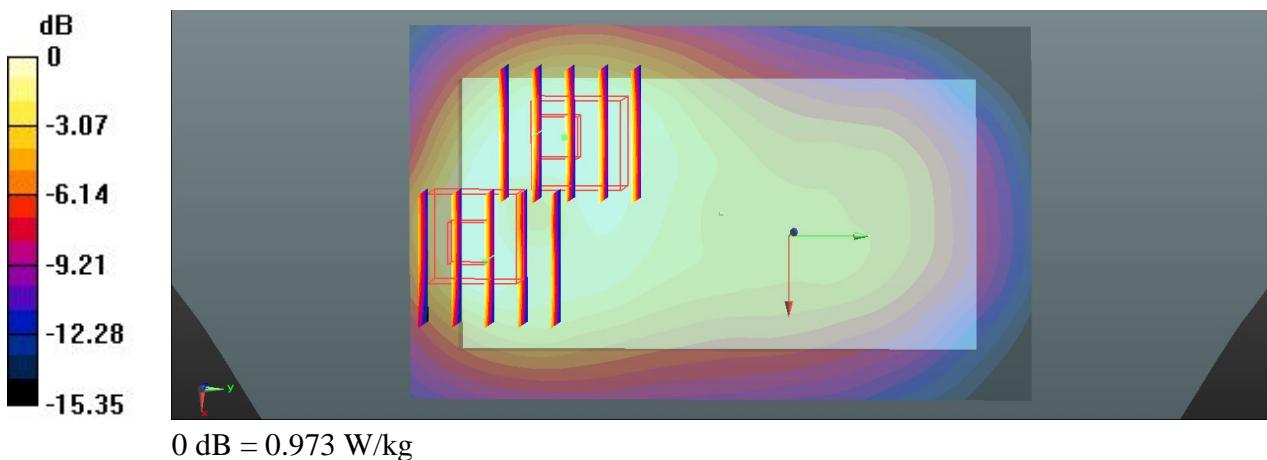
**Ch1413/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.877 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.438 W/kg**

Maximum value of SAR (measured) = 0.973 W/kg



## 54 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 54.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 16.126 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.614 W/kg**

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

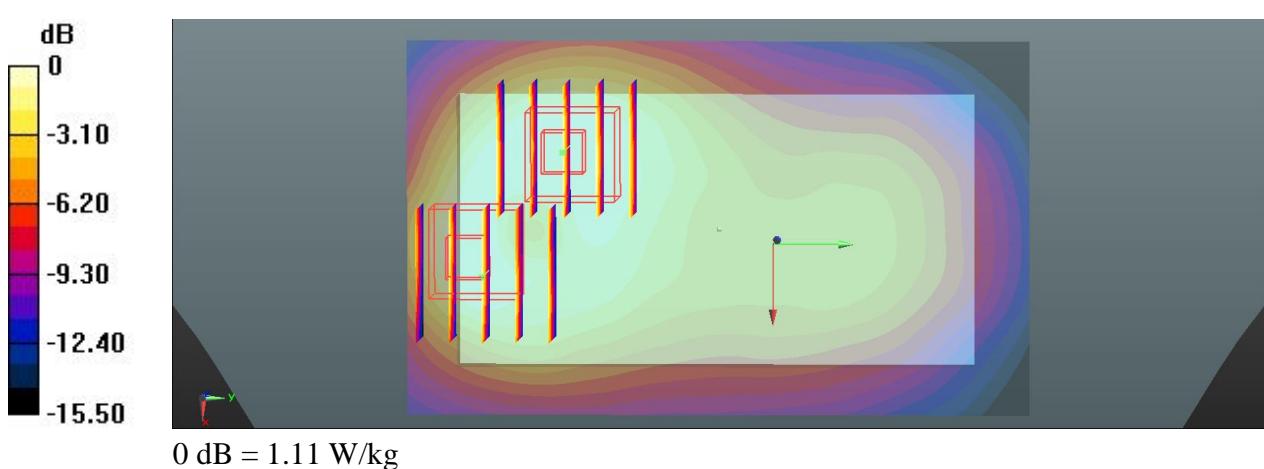
**Ch1513/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.126 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.519 W/kg**

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



**55 WCDMA Band IV\_RMC 12.2K\_Bottom side\_1cm\_Ch1413**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.5$  S/m;  $\epsilon_r = 54.964$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch413/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

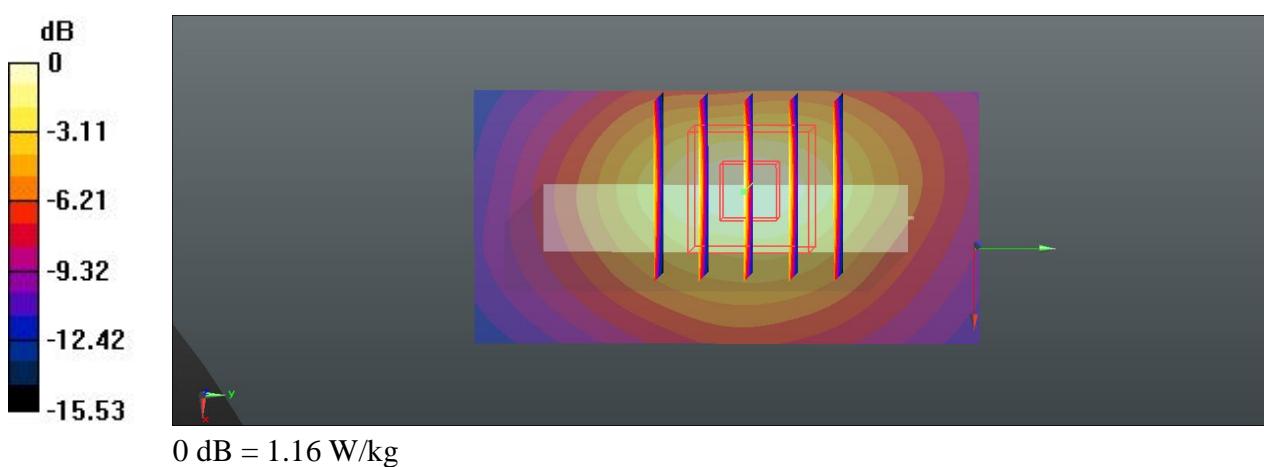
**Ch413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.673 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.483 W/kg**

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



**56 WCDMA Band IV\_RMC 12.2K\_Bottom side\_1cm\_Ch1513**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 54.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

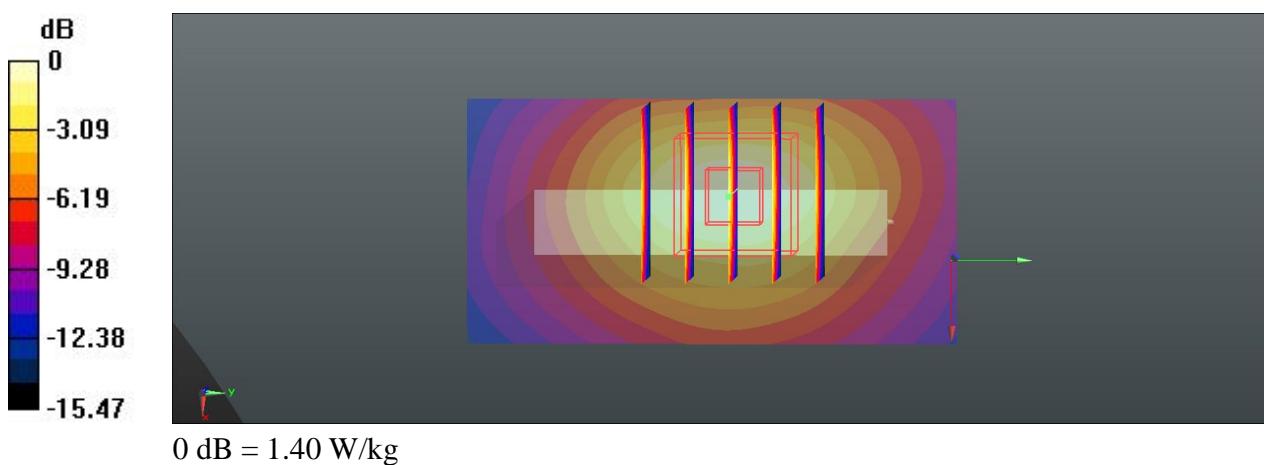
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.783 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 1.050 W/kg; SAR(10 g) = 0.598 W/kg**

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



**57 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1513\_Headset**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 54.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1513/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.476 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.667 W/kg**

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

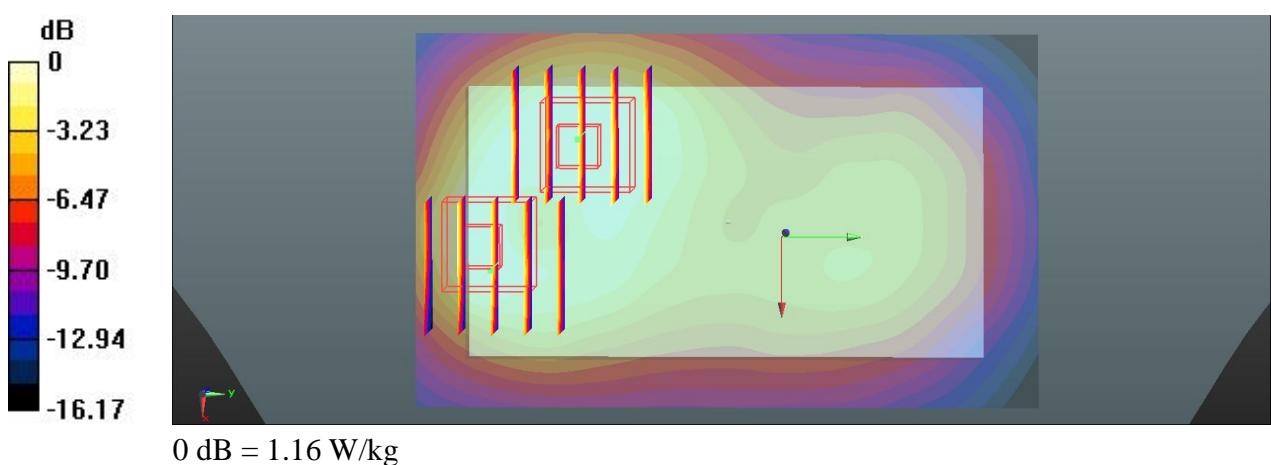
**Ch1513/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.476 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.522 W/kg**

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



## 58 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1312\_Headset

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.477$  S/m;  $\epsilon_r = 55.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1312/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 17.501 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.624 W/kg**

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

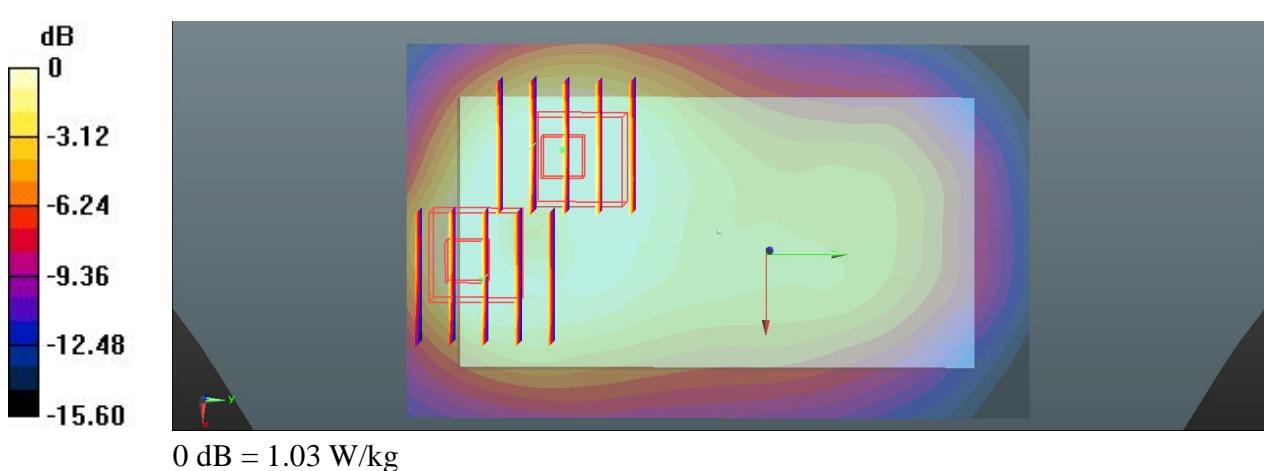
**Ch1312/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.501 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.480 W/kg**

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



## 59 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1413\_Headset

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_131107 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.5 \text{ S/m}$ ;  $\epsilon_r = 54.964$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1413/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 15.352 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.570 W/kg**

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

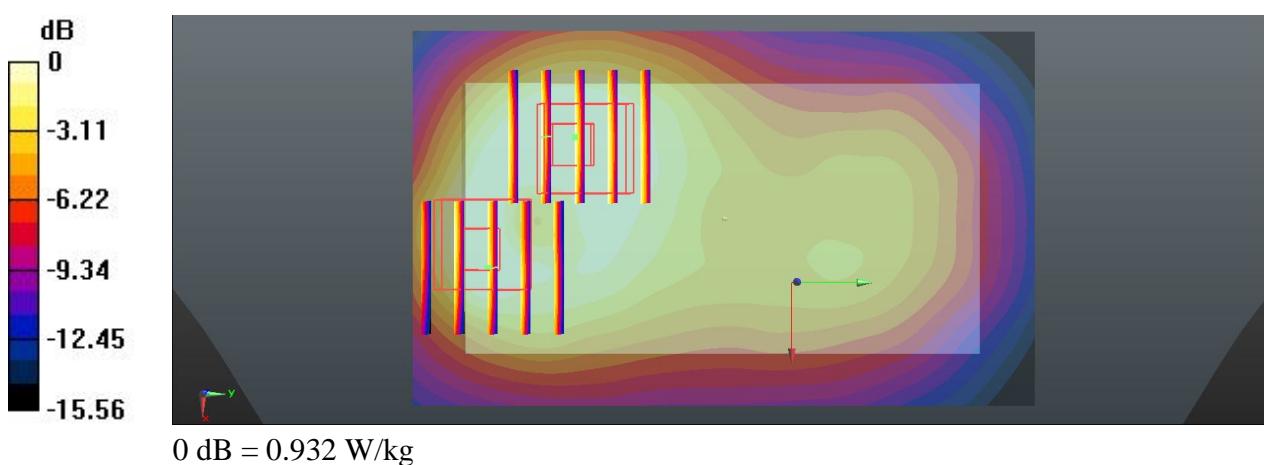
**Ch1413/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.352 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.435 W/kg**

Maximum value of SAR (measured) = 0.932 W/kg



## 14 WCDMA Band II\_RMC 12.2K\_Front\_1cm\_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 52.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 11.575 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.546 W/kg**

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

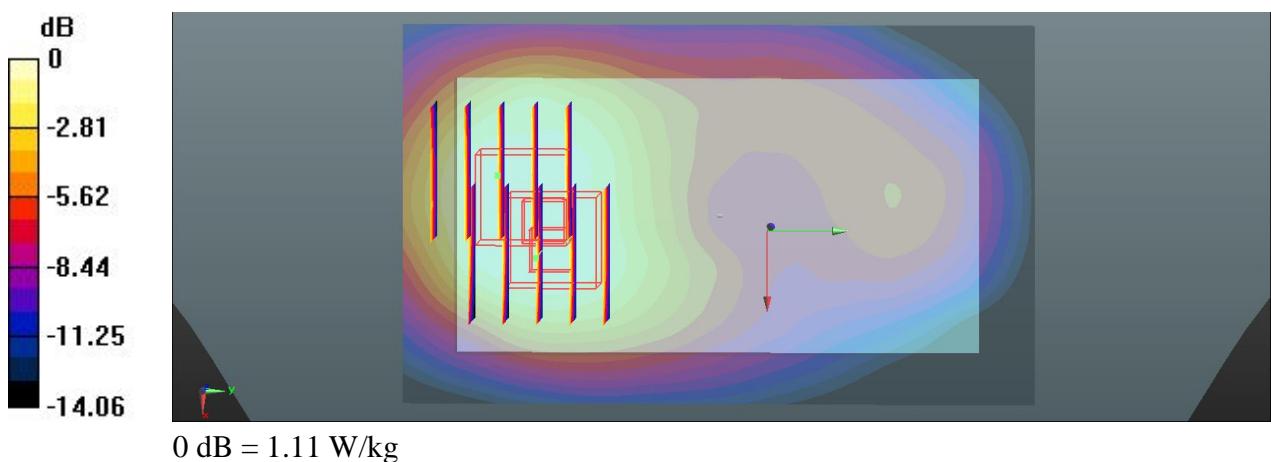
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.575 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.499 W/kg**

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



## 15 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 52.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 12.855 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.559 W/kg**

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

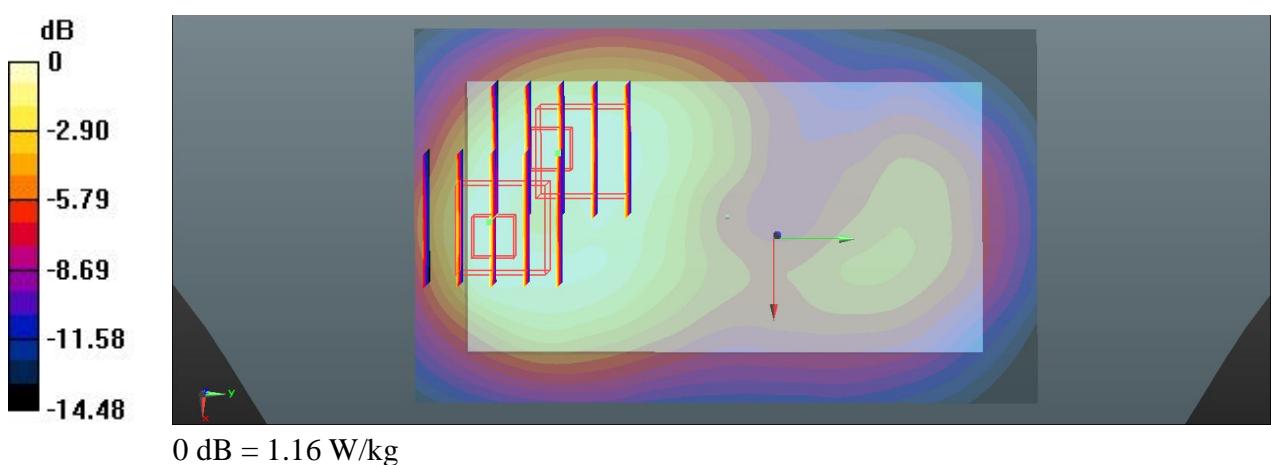
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.855 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.556 W/kg**

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



**16 WCDMA Band II\_RMC 12.2K\_Left side\_1cm\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 52.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

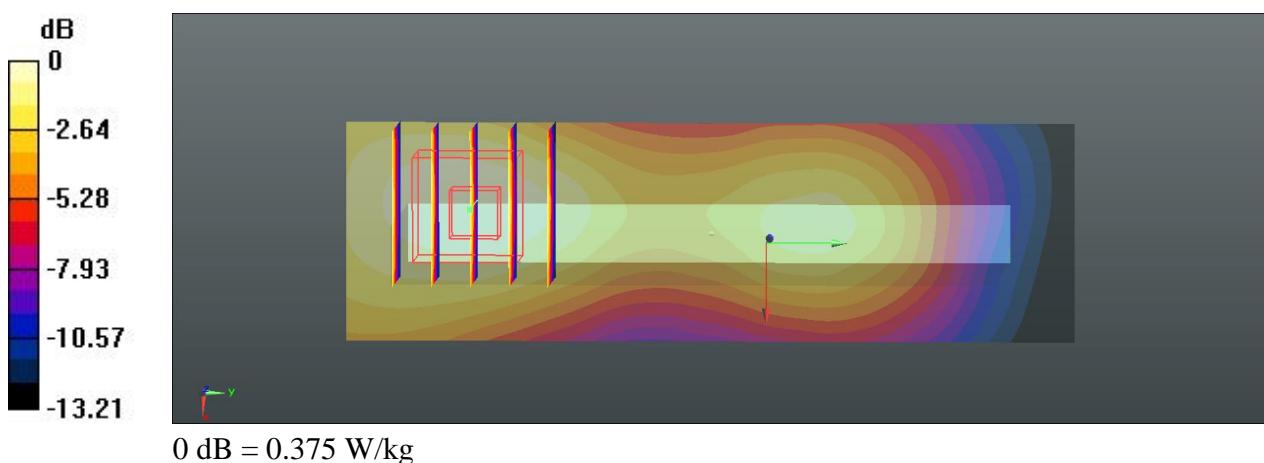
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.829 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.451 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.375 W/kg



**17 WCDMA Band II\_RMC 12.2K\_Right side\_1cm\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 52.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (31x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

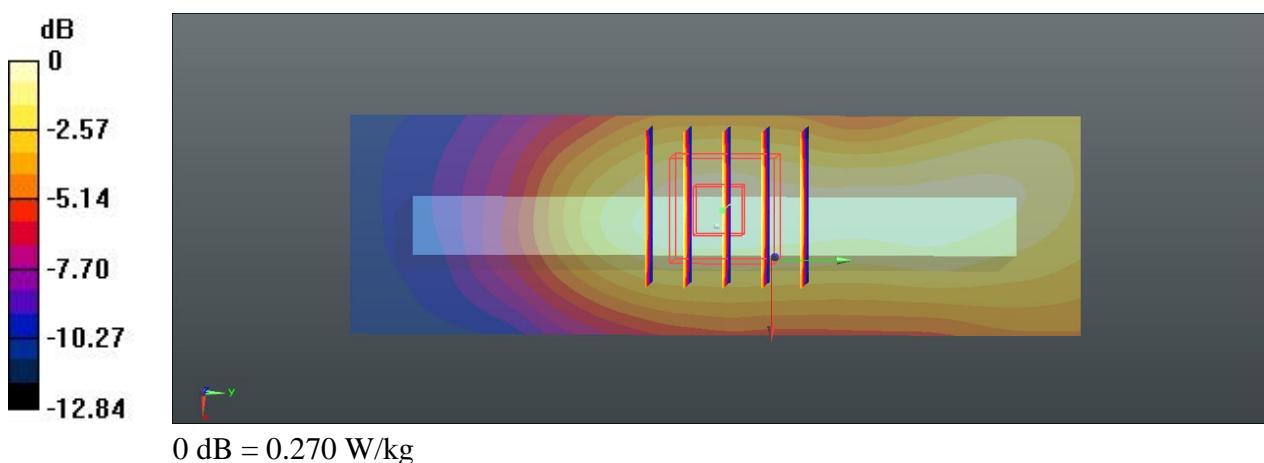
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.064 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.130 W/kg**

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



**18 WCDMA Band II\_RMC 12.2K\_Bottom side\_1cm\_Ch9262**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 52.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

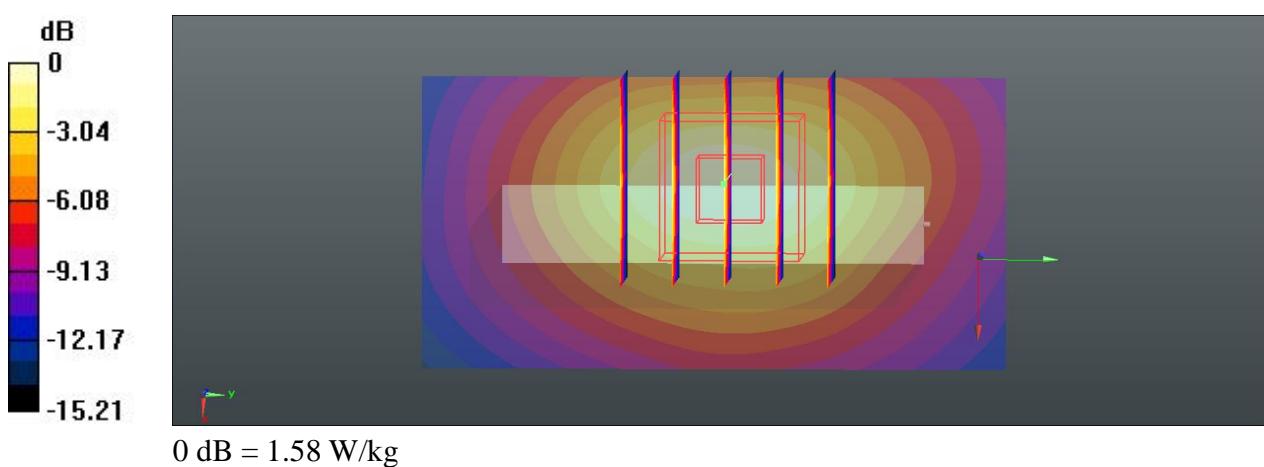
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.481 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 1.200 W/kg; SAR(10 g) = 0.681 W/kg**

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



**45 WCDMA Band II\_RMC 12.2K\_Bottom side\_1cm\_Ch9262\_Repeat SAR**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 52.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

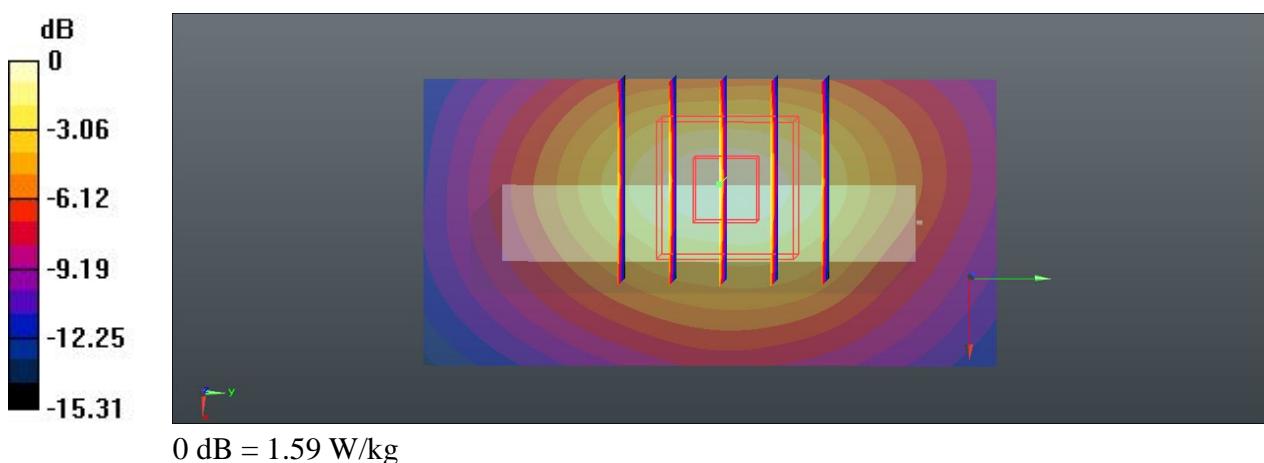
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.494 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.180 W/kg; SAR(10 g) = 0.679 W/kg**

Maximum value of SAR (measured) = 1.61 W/kg



**19 WCDMA Band II\_RMC 12.2K\_Front\_1cm\_Ch9400**

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

Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 52.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.966 W/kg

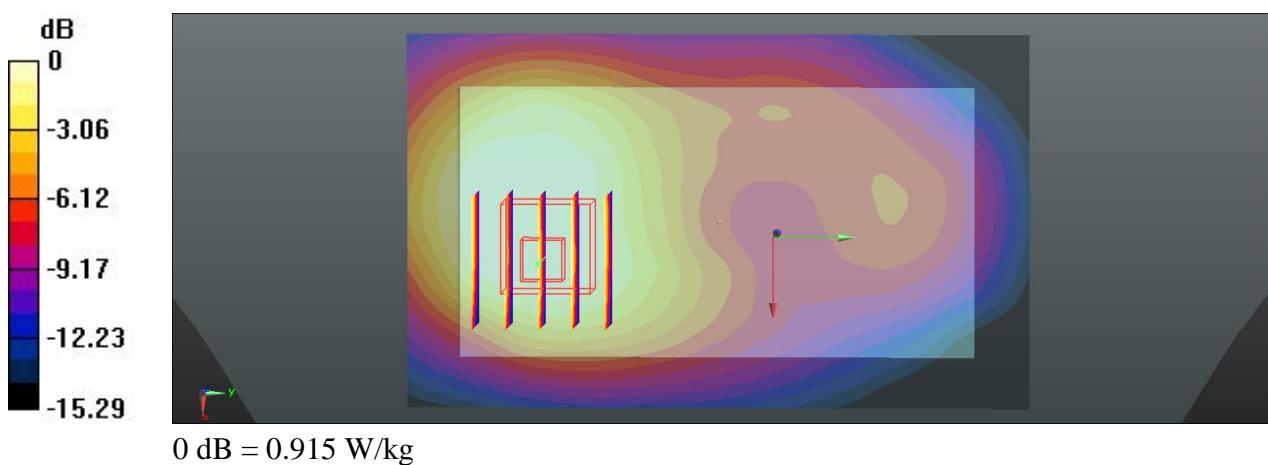
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.488 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.448 W/kg**

Maximum value of SAR (measured) = 0.915 W/kg



**20 WCDMA Band II\_RMC 12.2K\_Front\_1cm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.552 \text{ S/m}$ ;  $\epsilon_r = 52.497$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

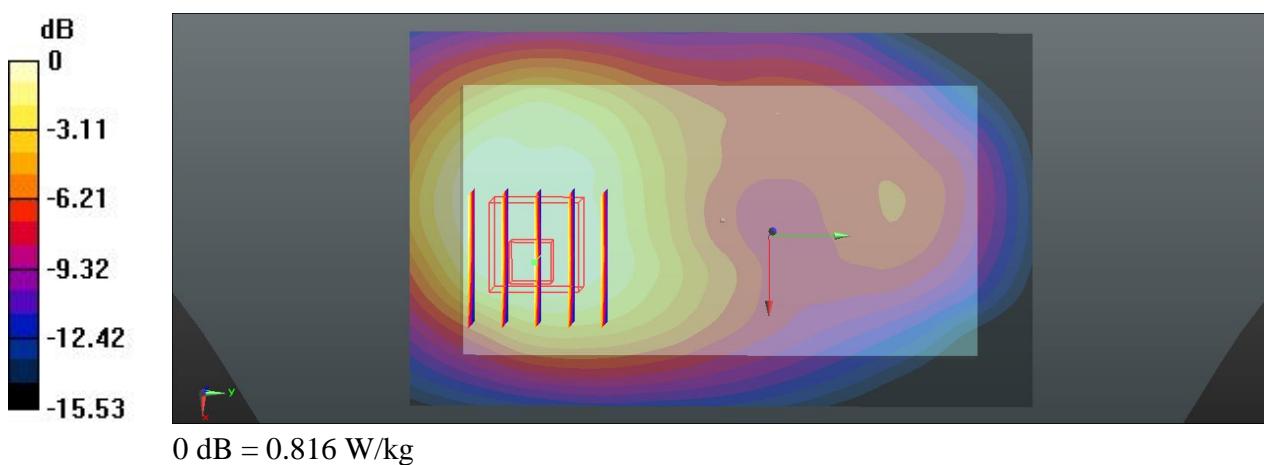
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.743 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.388 W/kg**

Maximum value of SAR (measured) = 0.816 W/kg



**21 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9400**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 52.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (61x101x1):** Interpolated grid: dx=15mm, dy=15mm

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

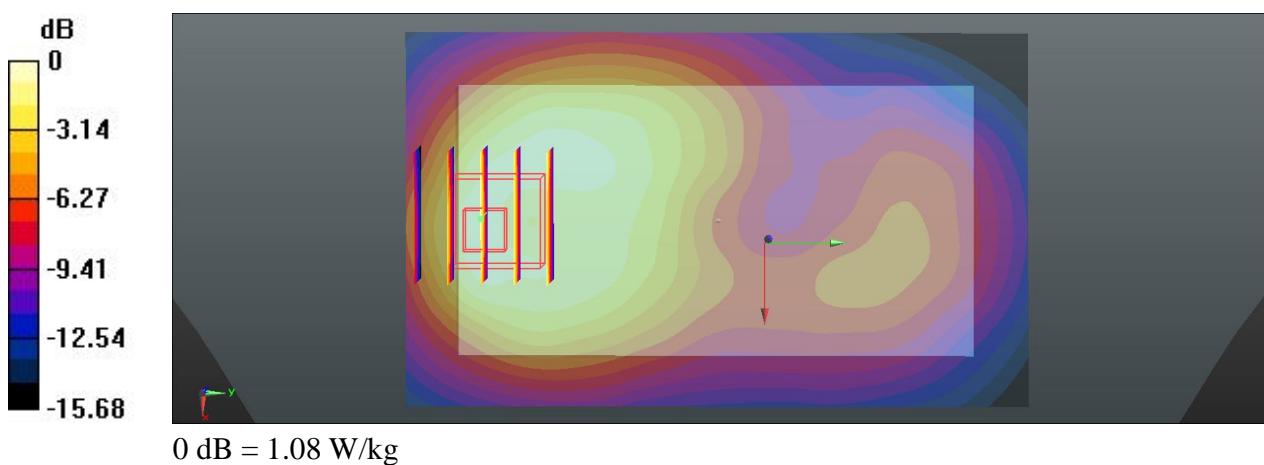
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.915 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.504 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



**22 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.552 \text{ S/m}$ ;  $\epsilon_r = 52.497$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

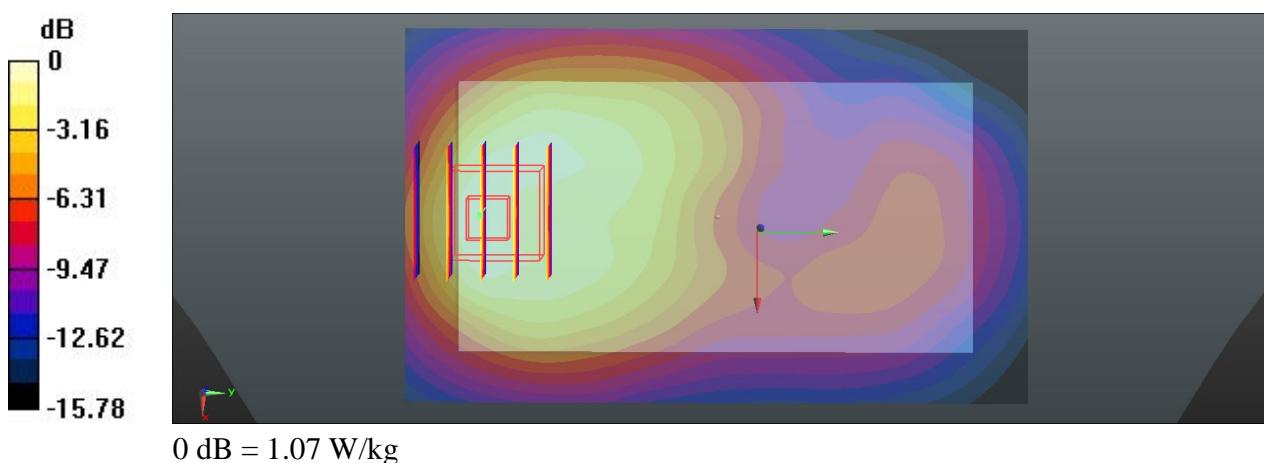
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.772 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.512 W/kg**

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



**43 WCDMA Band II\_RMC 12.2K\_Bottom side\_1cm\_Ch9400**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  S/m;  $\epsilon_r = 52.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

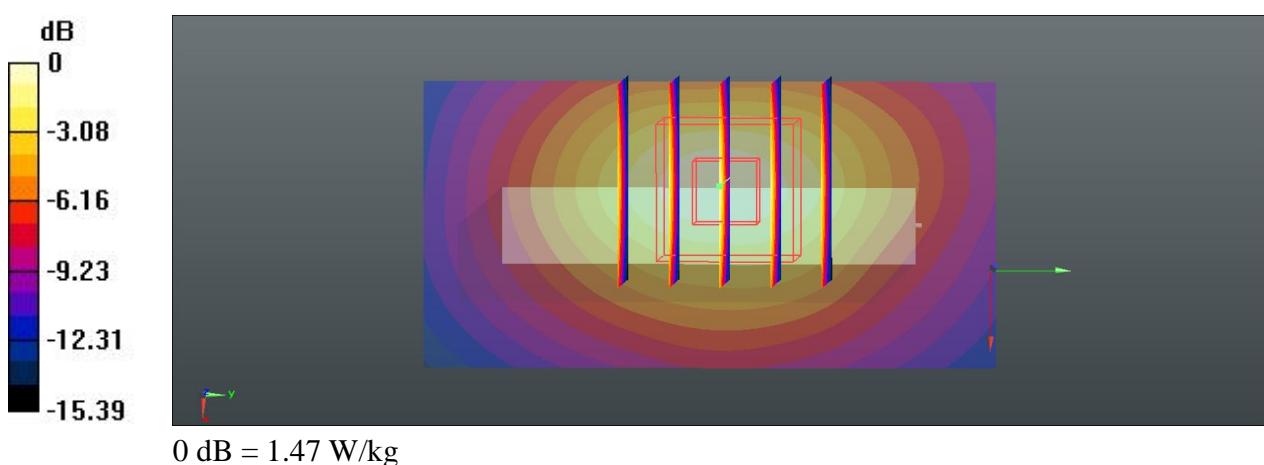
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.339 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.611 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



**44 WCDMA Band II\_RMC 12.2K\_Bottom side\_1cm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131104 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.552 \text{ S/m}$ ;  $\epsilon_r = 52.497$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9538/Area Scan (31x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

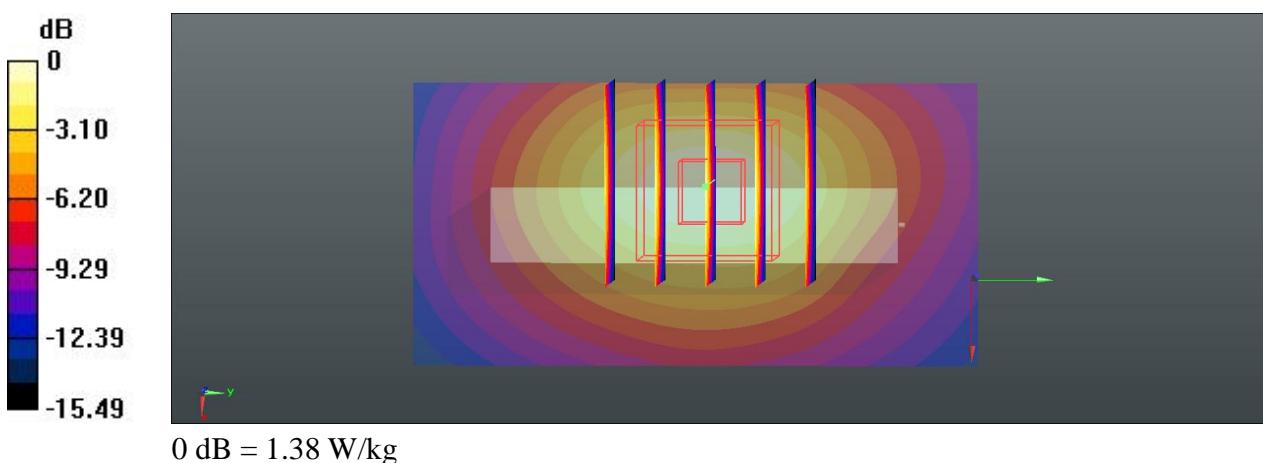
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.386 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 1.030 W/kg; SAR(10 g) = 0.579 W/kg**

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



**39 WLAN 2.4GHz\_802.11b\_Front\_1cm\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_131107 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.027 \text{ S/m}$ ;  $\epsilon_r = 53.408$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (71x121x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.127 W/kg

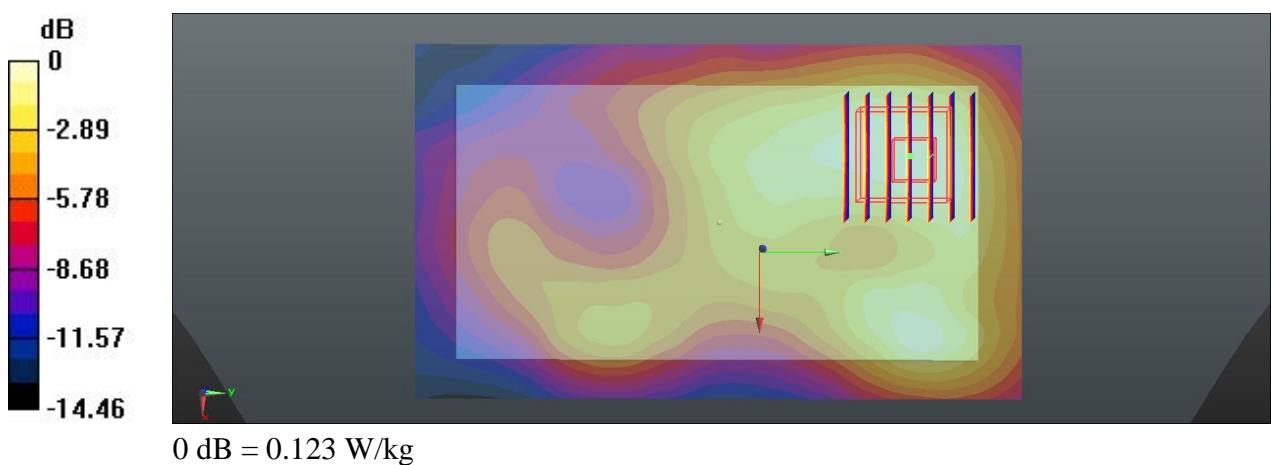
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.753 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.150 W/kg

**SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.123 W/kg



**40 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_131107 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.027$  S/m;  $\epsilon_r = 53.408$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x121x1):** Interpolated grid: dx=12mm, dy=12mm

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

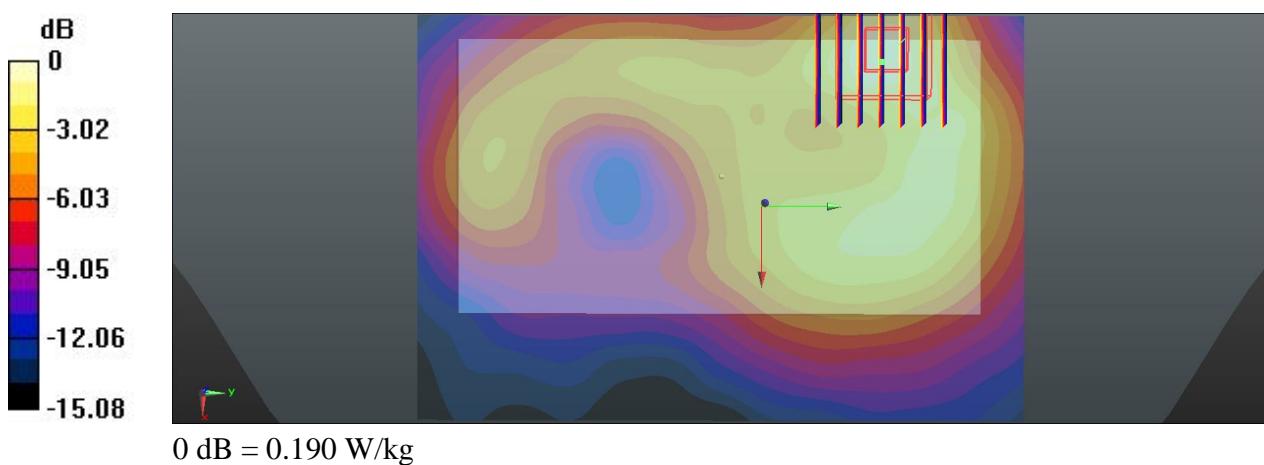
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.013 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.069 W/kg**

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



**41 WLAN 2.4GHz\_802.11b\_Right side\_1cm\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_131107 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.027$  S/m;  $\epsilon_r = 53.408$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (31x121x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.111 W/kg

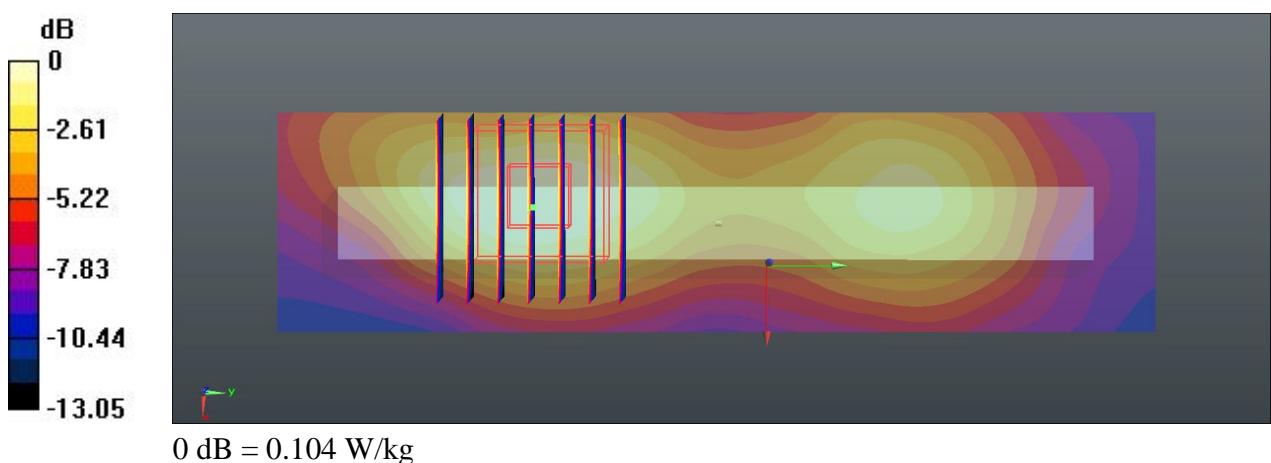
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.179 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.042 W/kg**

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



**42 WLAN 2.4GHz\_802.11b\_Top side\_1cm\_Ch11**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_131107 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.027 \text{ S/m}$ ;  $\epsilon_r = 53.408$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (31x71x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.175 W/kg

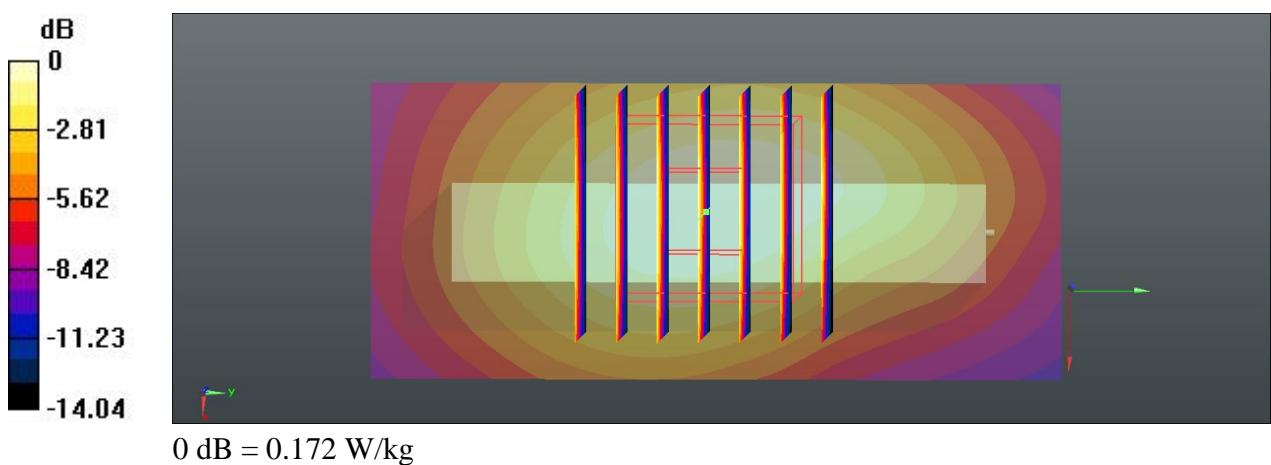
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.681 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.172 W/kg



**98 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch11\_Headset**

Communication System: 802.11b ;Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_131107 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.027 \text{ S/m}$ ;  $\epsilon_r = 53.408$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x121x1):** Interpolated grid: dx=12mm, dy=12mm

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

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

Reference Value = 5.589 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.205 W/kg

