



## ***Appendix B. Plots of SAR Measurement***

The plots are shown as follows.

## #13 GSM850\_GSM Voice\_Right Cheek\_Ch251

**DUT: 372905**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: HSL\_835\_130802 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 42.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.280 W/kg

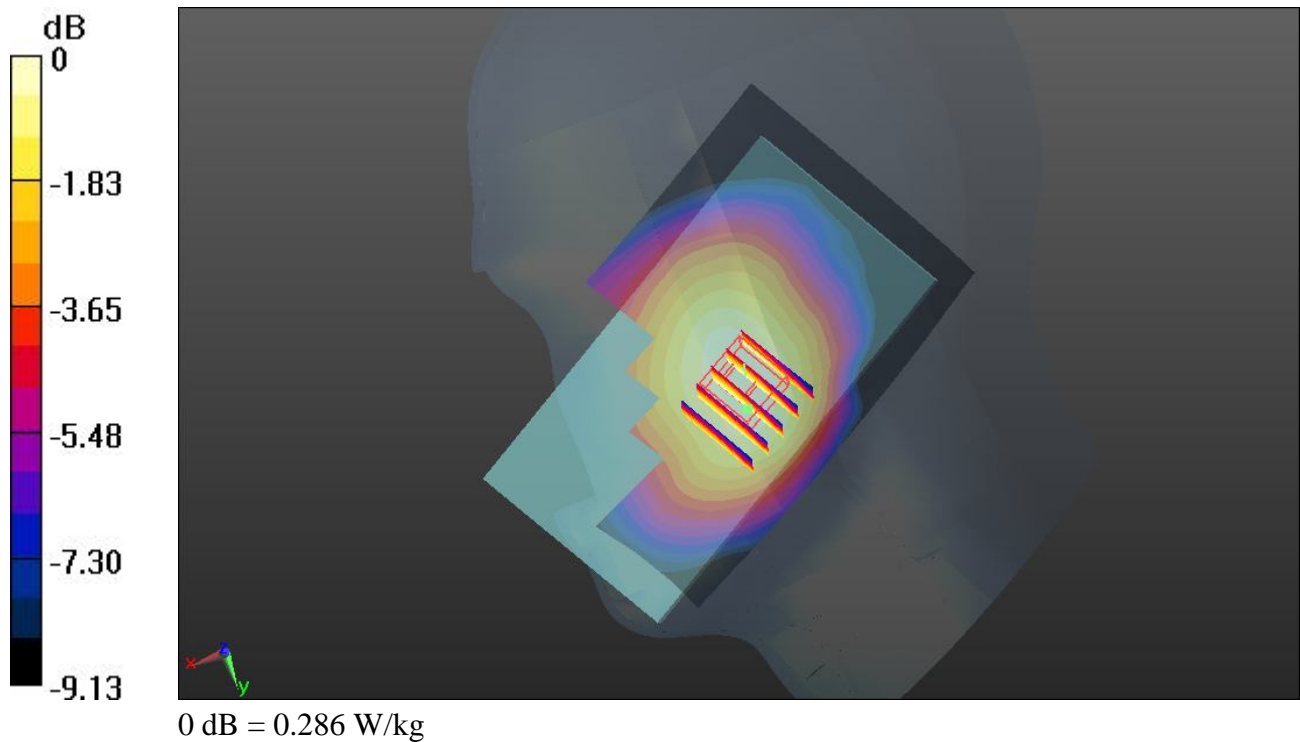
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.488 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.310 mW/g

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.198 mW/g**

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



## #14 GSM850\_GSM Voice\_Right Tilted\_Ch251

**DUT: 372905**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: HSL\_835\_130802 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 42.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.191 W/kg

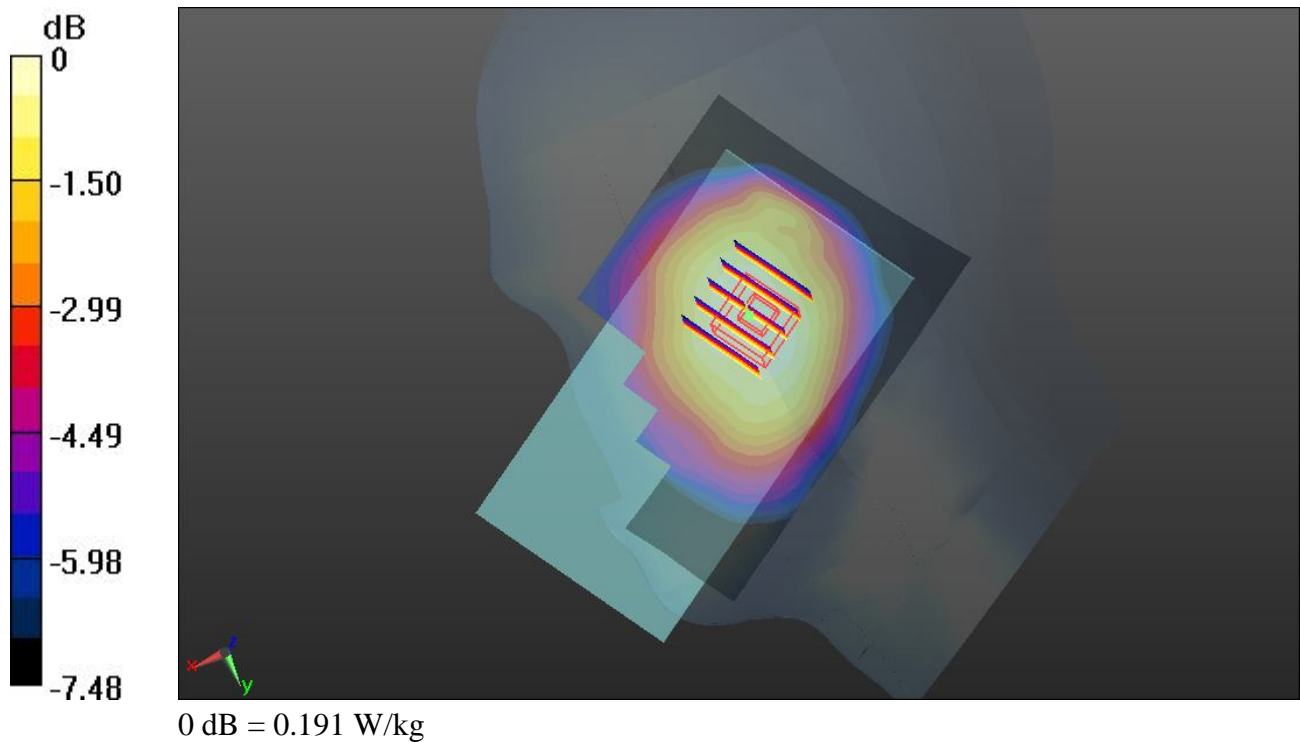
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.605 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.210 mW/g

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.191 W/kg



**#15 GSM850\_GSM Voice\_Left Cheek\_Ch251****DUT: 372905**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: HSL\_835\_130802 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 42.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.351 W/kg

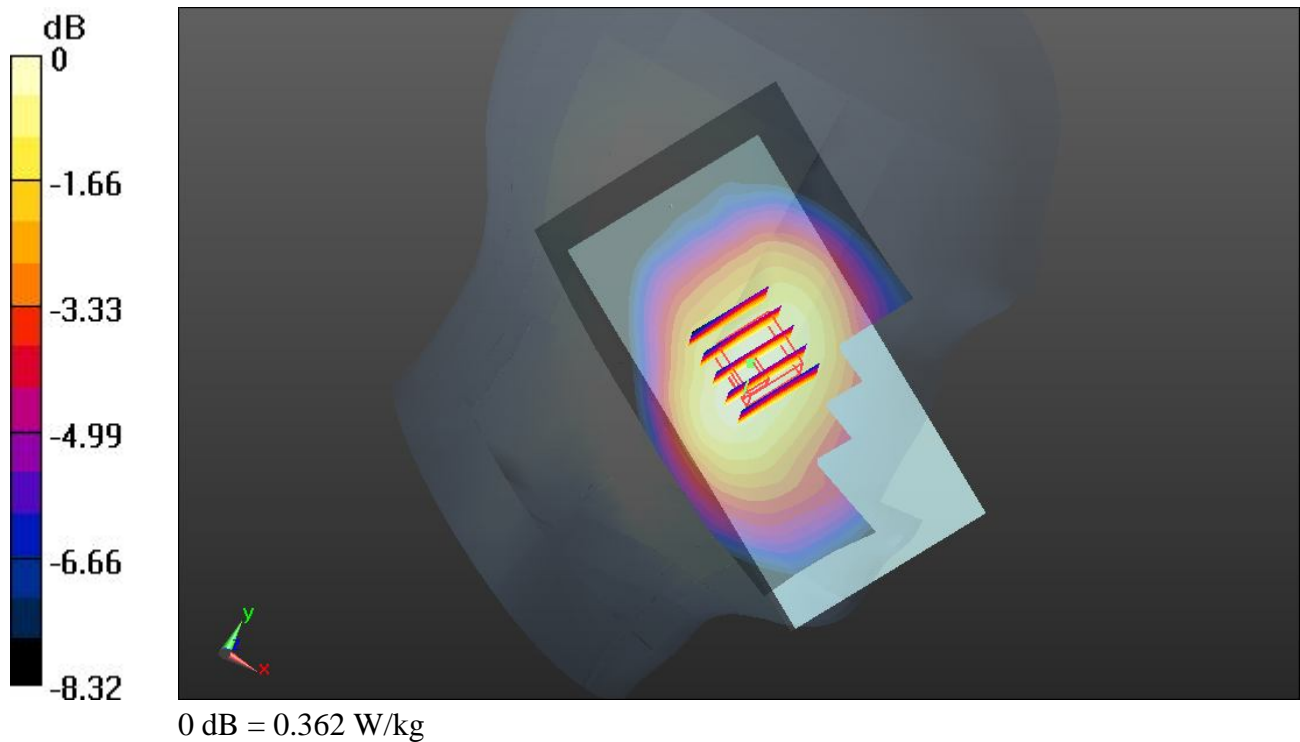
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.271 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.398 mW/g

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.245 mW/g**

Maximum value of SAR (measured) = 0.362 W/kg



**#16 GSM850\_GSM Voice\_Left Tilted\_Ch251****DUT: 372905**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: HSL\_835\_130802 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  mho/m;  $\epsilon_r = 42.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.222 W/kg

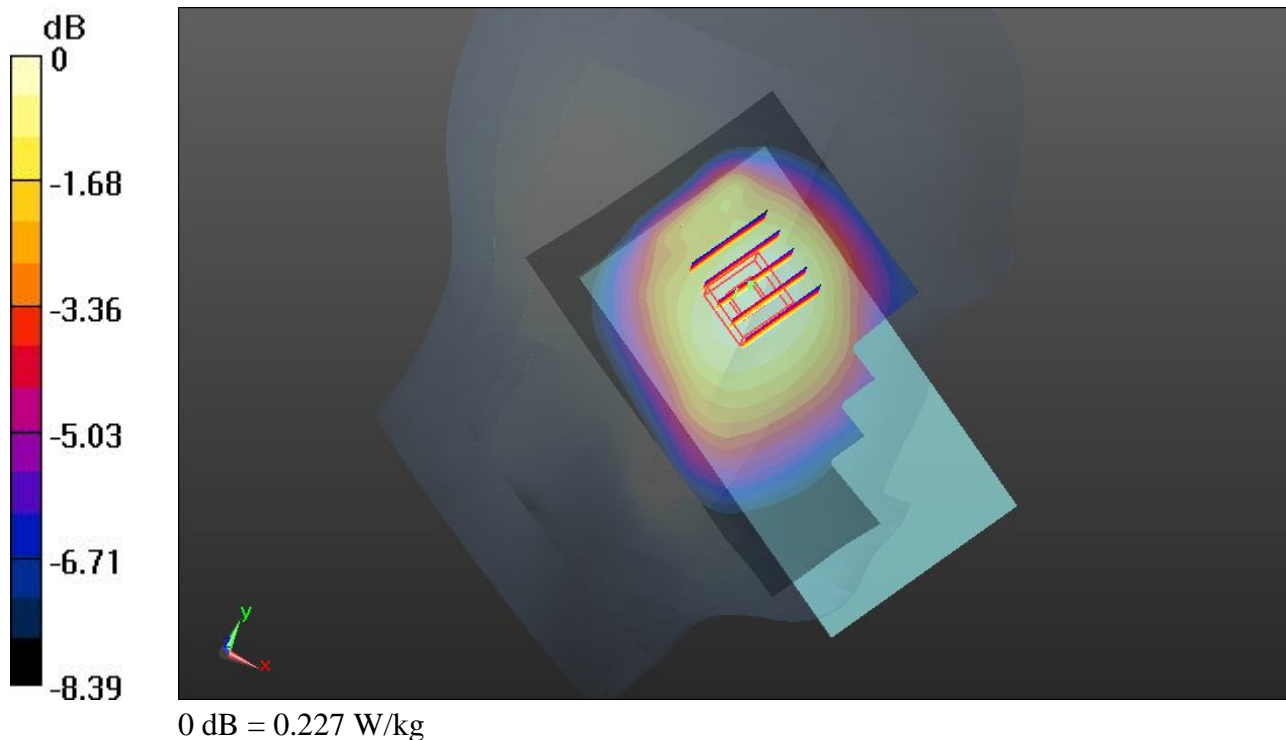
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.896 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.249 mW/g

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.157 mW/g**

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



**#71 GSM1900\_GSM Voice\_Right Cheek\_Ch512****DUT: 372905**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.365$  mho/m;  $\epsilon_r =$ 41.266;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.159 W/kg

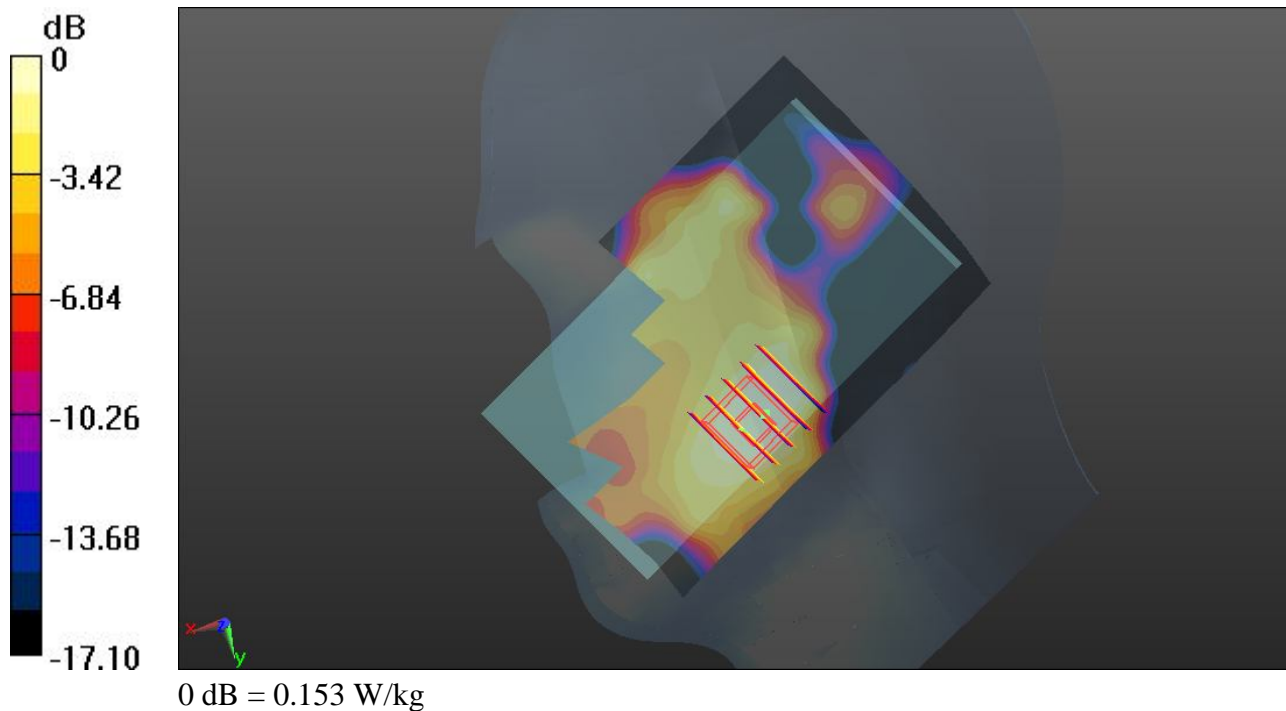
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.521 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.181 mW/g

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.153 W/kg



## #72 GSM1900\_GSM Voice\_Right Tilted\_Ch512

**DUT: 372905**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.365$  mho/m;  $\epsilon_r =$ 41.266;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

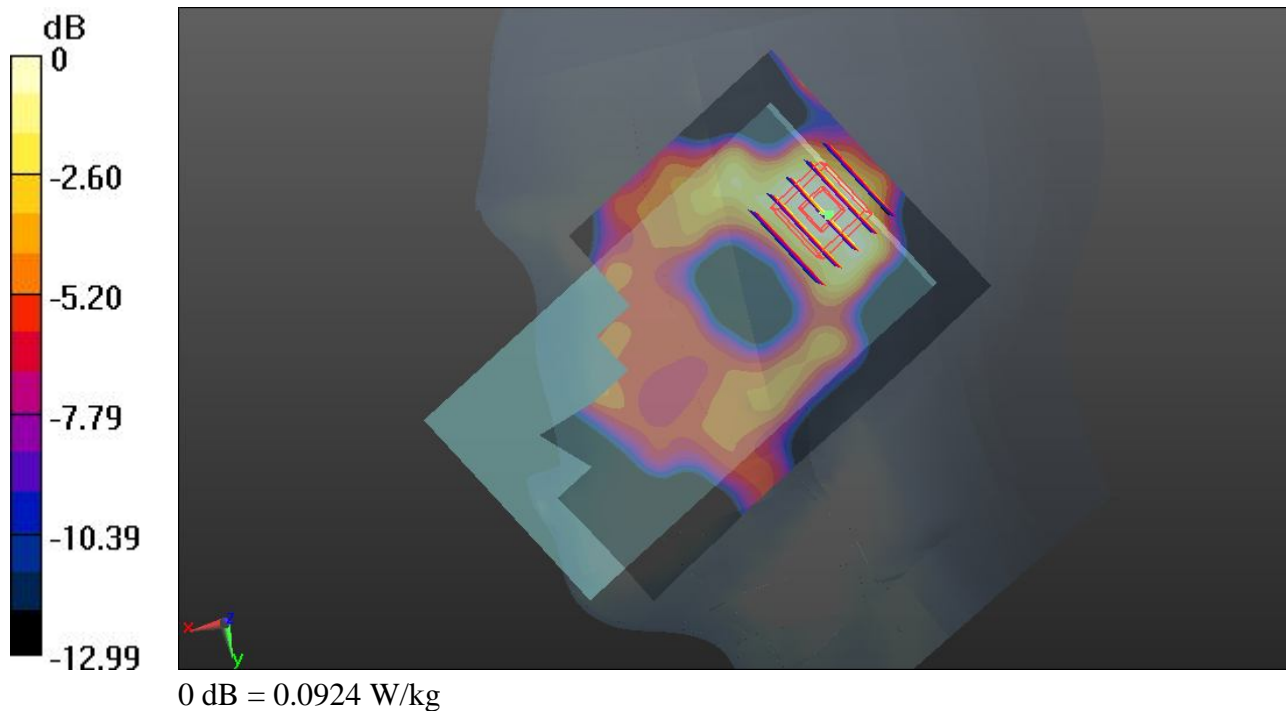
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.253 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.106 mW/g

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.0924 W/kg





**#73 GSM1900\_GSM Voice\_Left Cheek\_Ch512****DUT: 372905**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.365$  mho/m;  $\epsilon_r =$ 41.266;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.129 W/kg

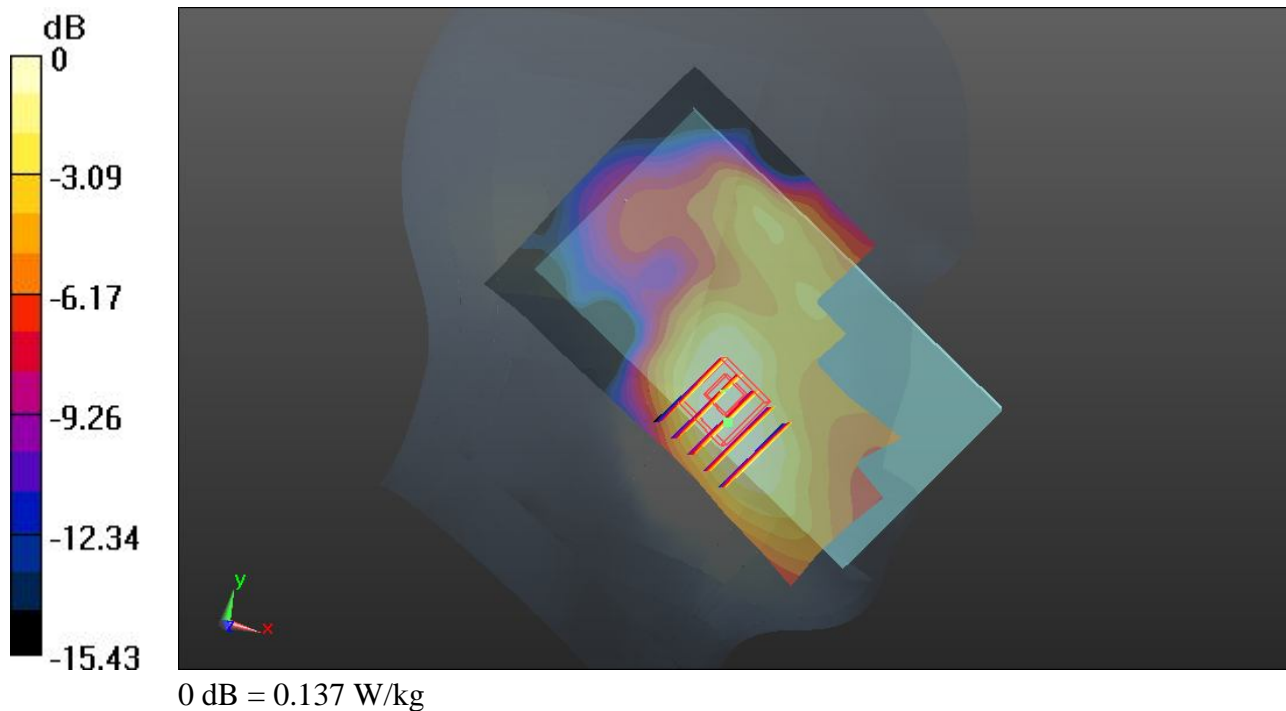
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.432 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.158 mW/g

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.137 W/kg





**#74 GSM1900\_GSM Voice\_Left Tilted\_Ch512****DUT: 372905**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.365$  mho/m;  $\epsilon_r =$

41.266;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

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

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

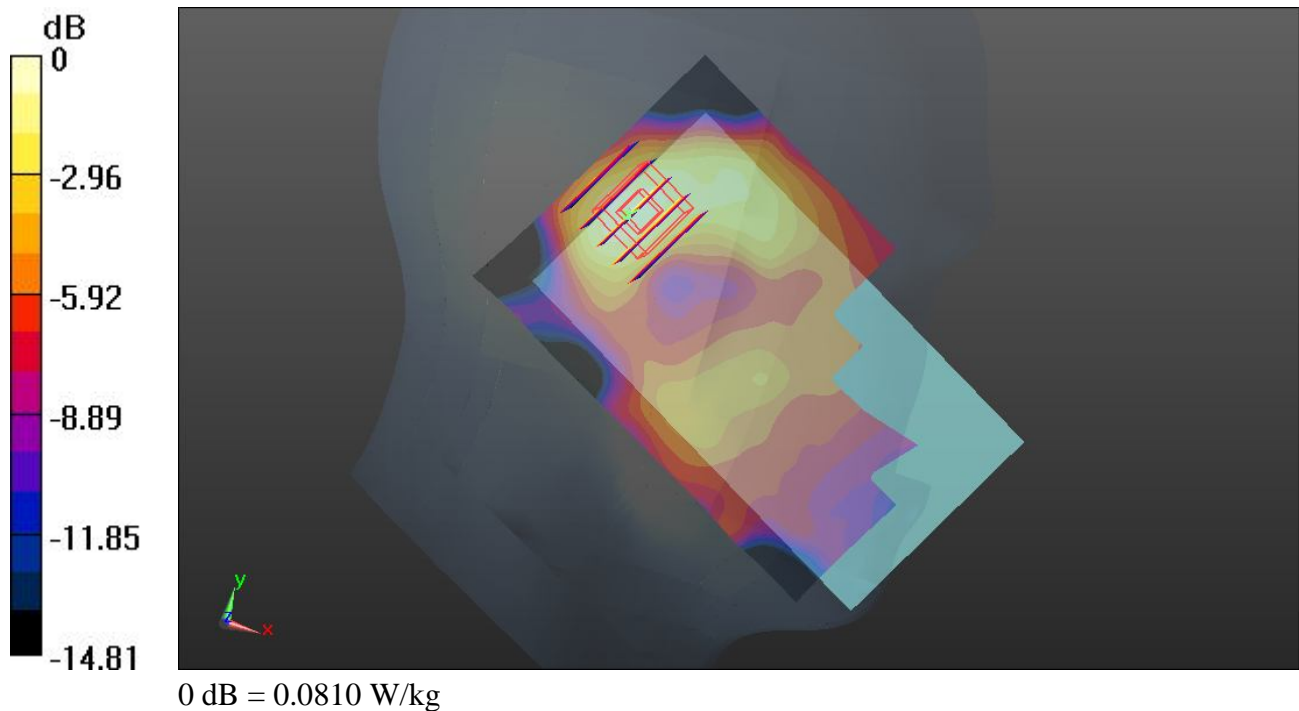
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.889 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.099 mW/g

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.0810 W/kg



**#17 WCDMA Band V\_RMC 12.2K\_Right Cheek\_Ch4132****DUT: 372905**

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

Medium: HSL\_835\_130802 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 43.016$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

**Ch4132/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

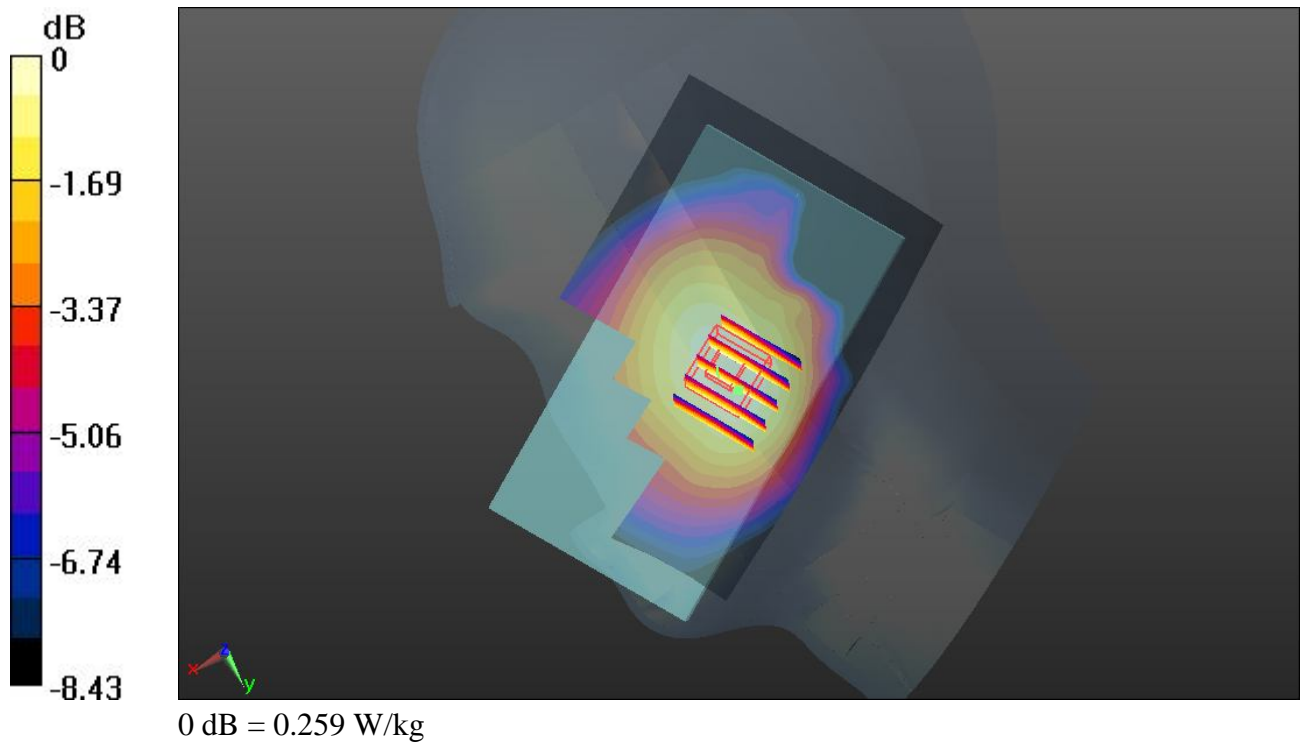
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.189 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.281 mW/g

**SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.183 mW/g**

Maximum value of SAR (measured) = 0.259 W/kg



**#18 WCDMA Band V\_RMC 12.2K\_Right Tilted\_Ch4132****DUT: 372905**

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

Medium: HSL\_835\_130802 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 43.016$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

**Ch4132/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

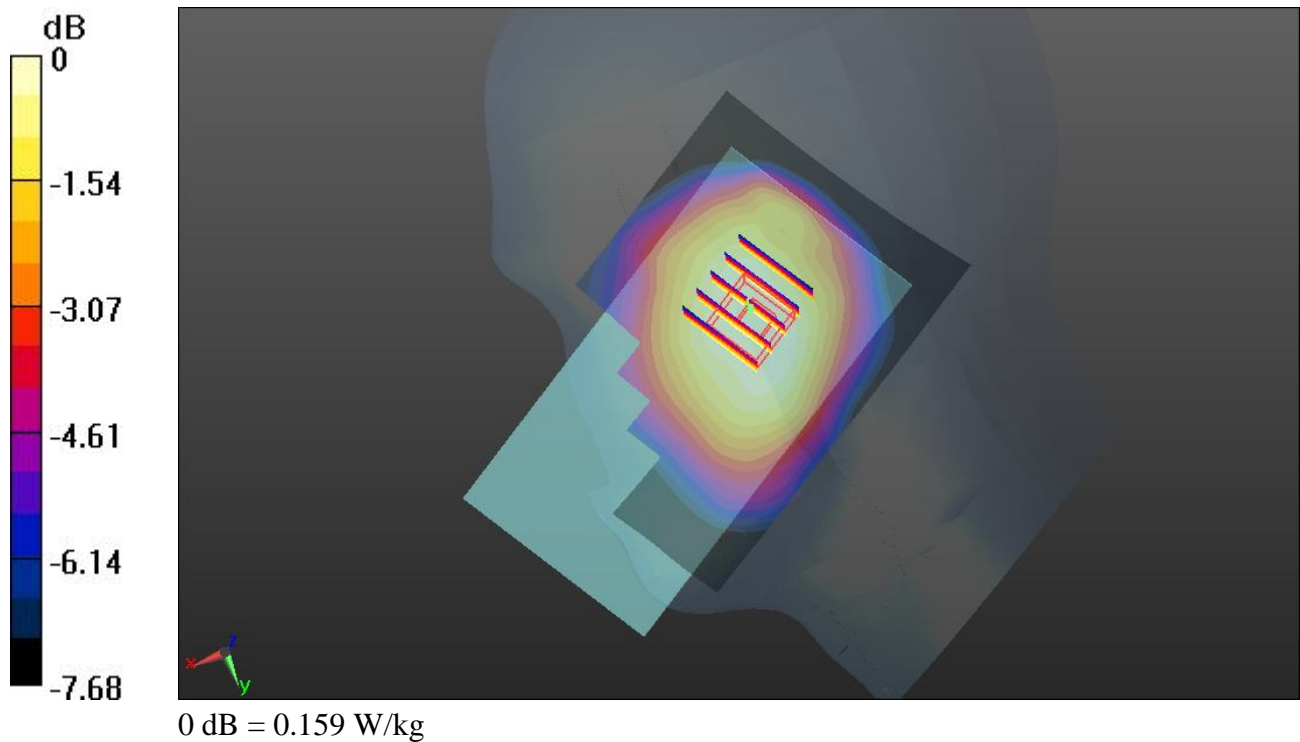
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.482 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.174 mW/g

**SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.111 mW/g**

Maximum value of SAR (measured) = 0.159 W/kg



**#19 WCDMA Band V\_RMC 12.2K\_Left Cheek\_Ch4132****DUT: 372905**

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

Medium: HSL\_835\_130802 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 43.016$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

**Ch4132/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.278 W/kg

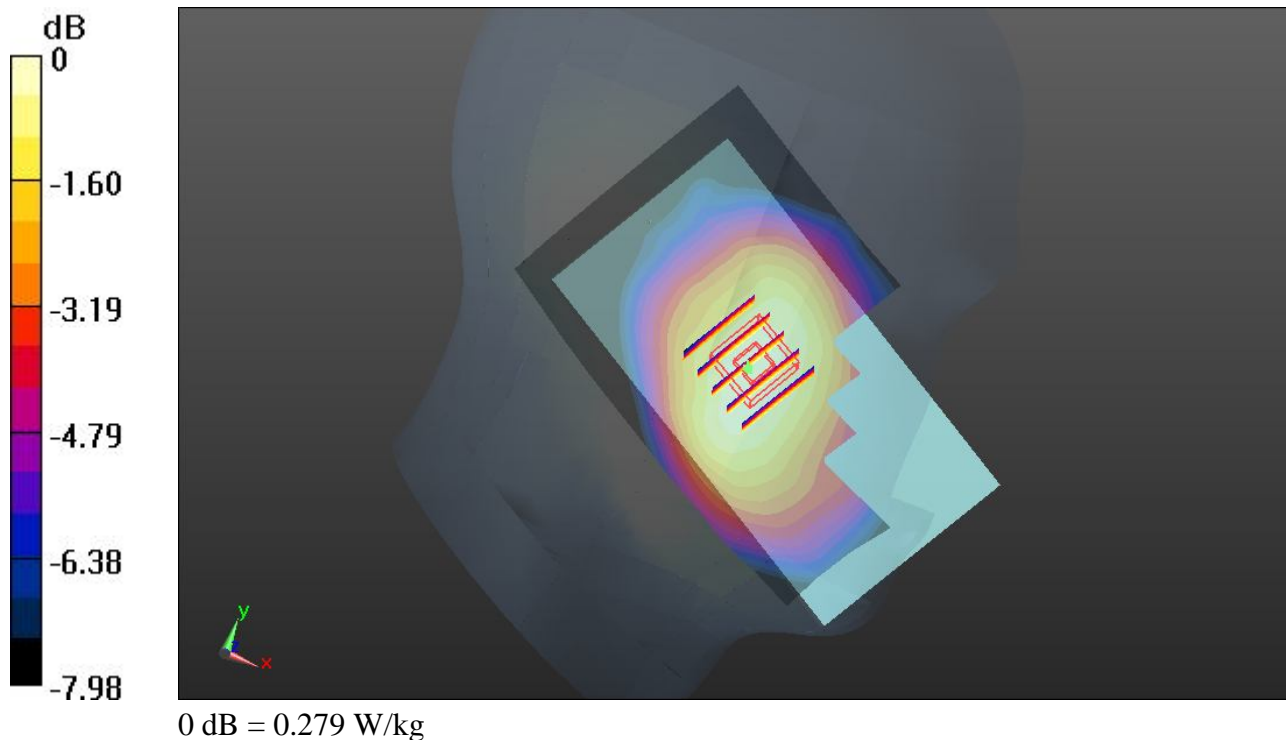
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.167 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.304 mW/g

**SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.194 mW/g**

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



**#20 WCDMA Band V\_RMC 12.2K\_Left Tilted\_Ch4132****DUT: 372905**

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

Medium: HSL\_835\_130802 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 43.016$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

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

**Ch4132/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

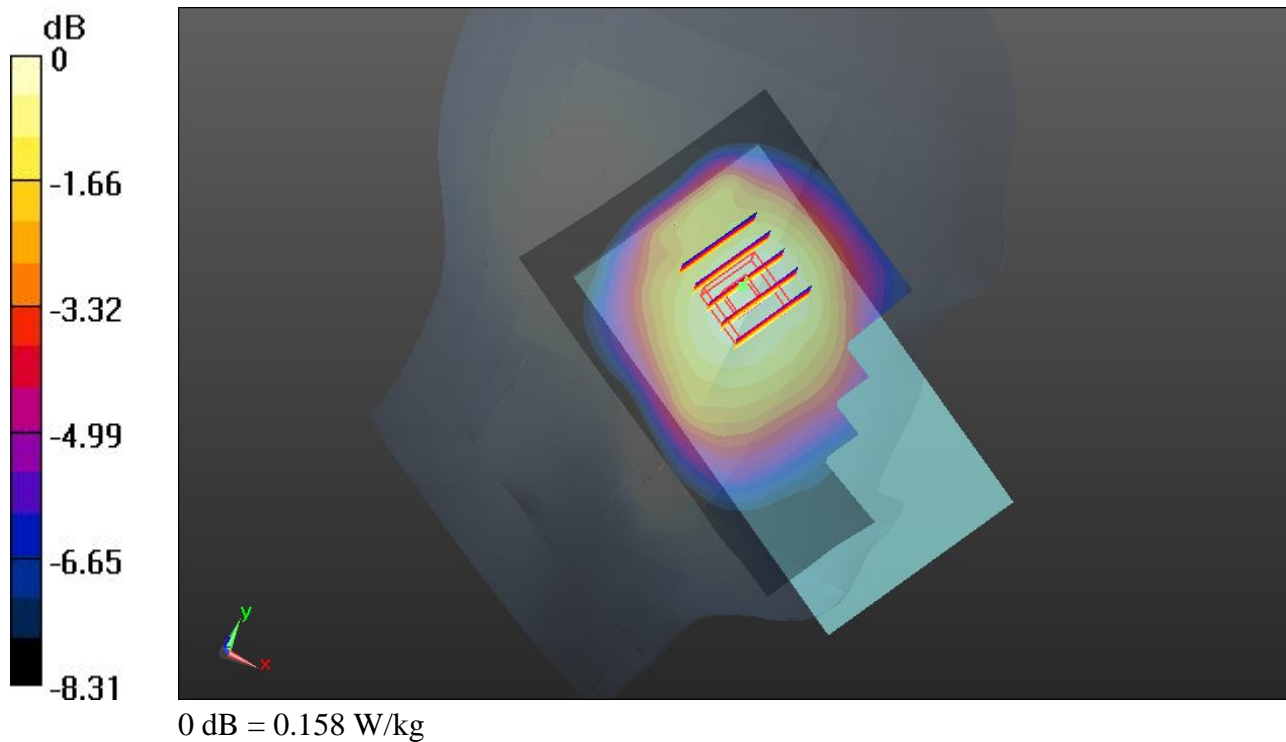
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.317 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.172 mW/g

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.109 mW/g**

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



**#75 WCDMA Band II\_RMC 12.2K\_Right Cheek\_Ch9400****DUT: 372905**

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

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$ 41.184;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.300 W/kg

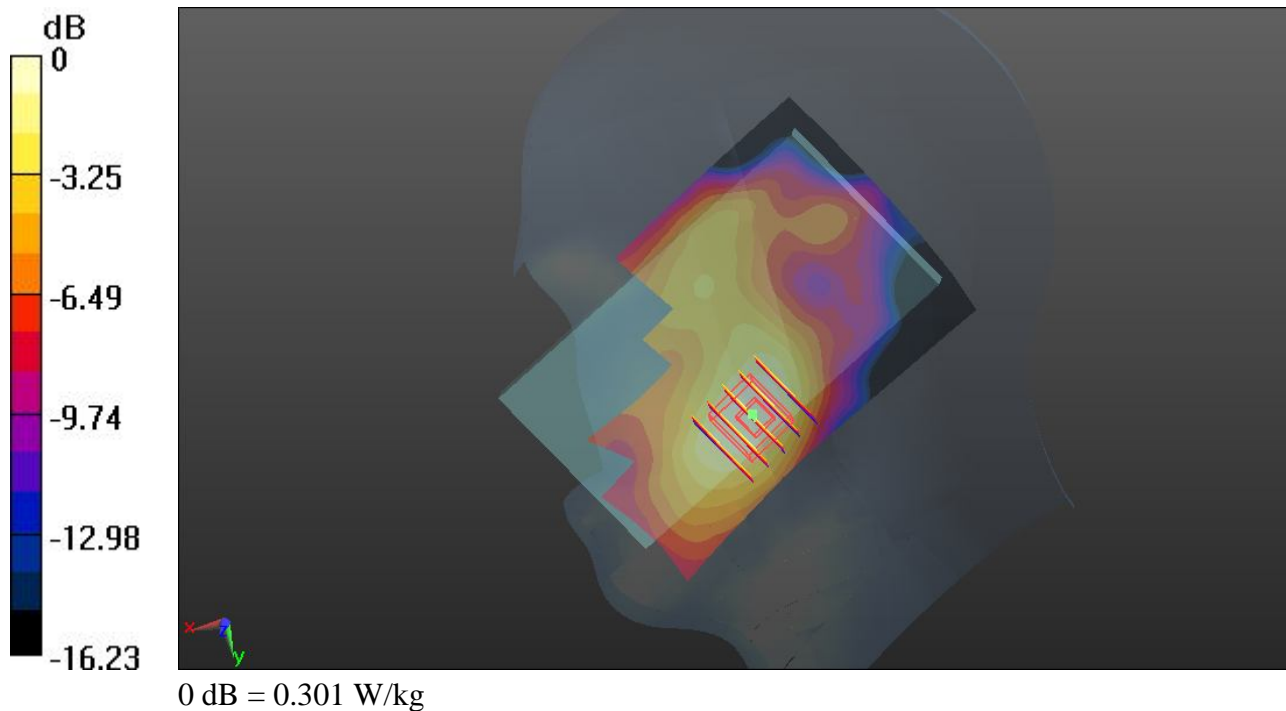
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.508 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.367 mW/g

**SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (measured) = 0.301 W/kg



**#76 WCDMA Band II\_RMC 12.2K\_Right Tilted\_Ch9400****DUT: 372905**

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

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$ 41.184;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

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

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

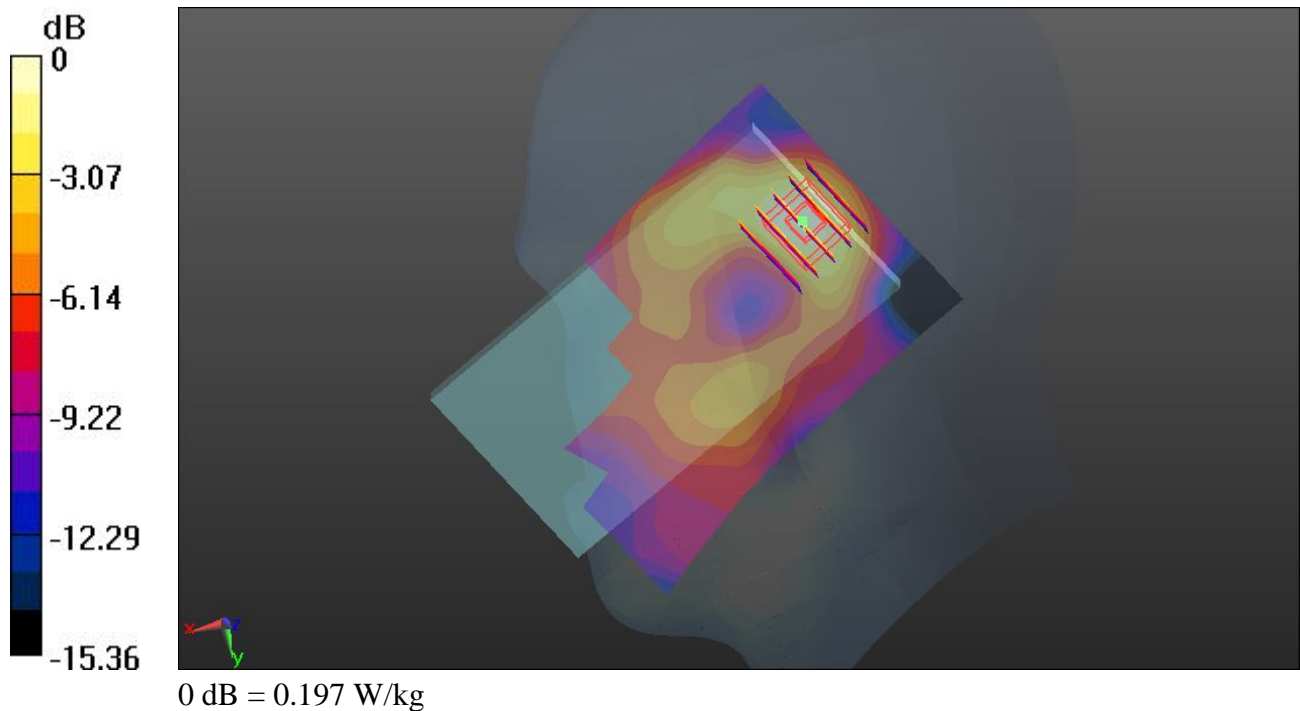
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.699 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.230 mW/g

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

Maximum value of SAR (measured) = 0.197 W/kg





**#77 WCDMA Band II\_RMC 12.2K\_Left Cheek\_Ch9400****DUT: 372905**

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

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$ 41.184;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

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

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

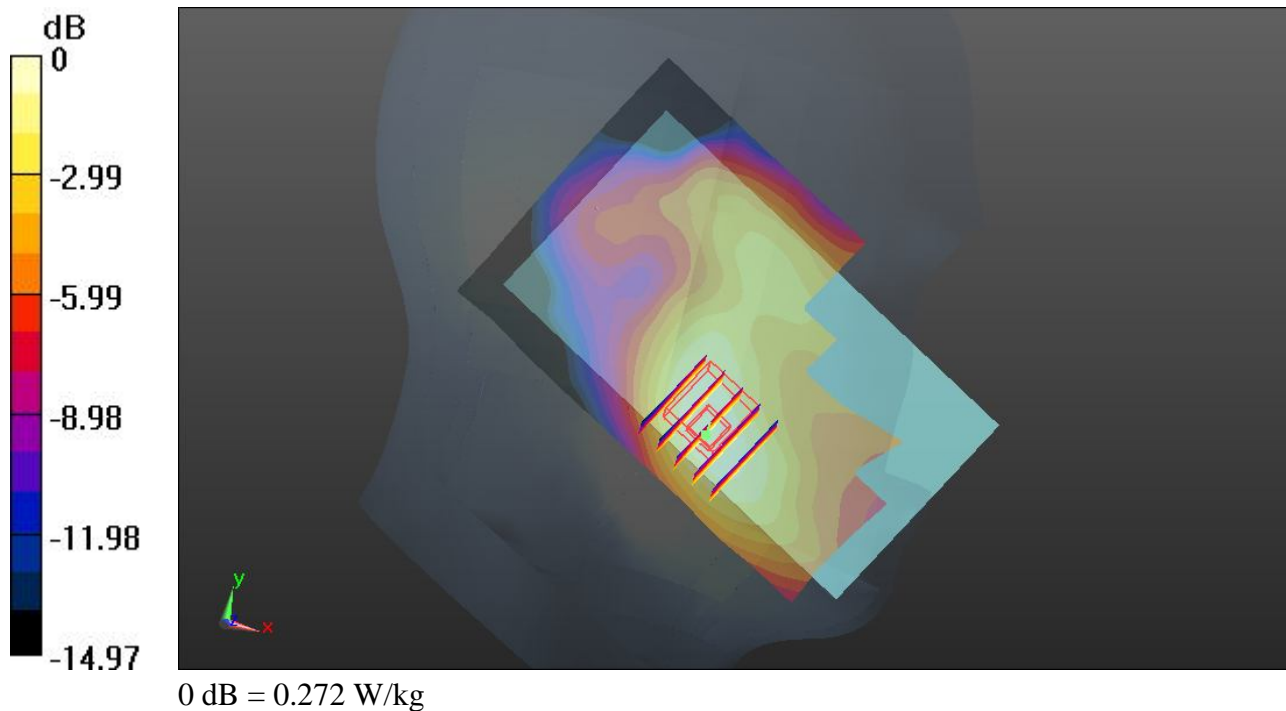
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.226 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.317 mW/g

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.128 mW/g**

Maximum value of SAR (measured) = 0.272 W/kg



**#78 WCDMA Band II\_RMC 12.2K\_Left Tilted\_Ch9400****DUT: 372905**

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

Medium: HSL\_1900\_130807 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$ 41.184;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

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

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

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

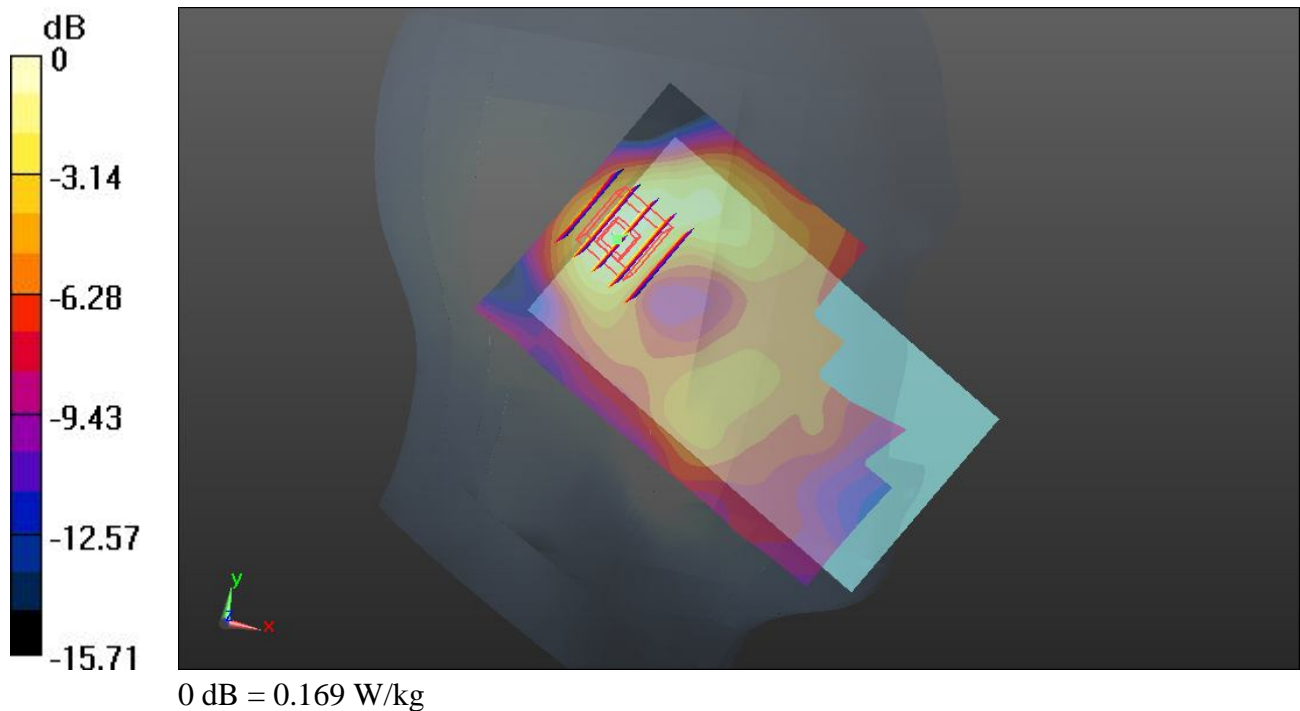
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.209 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.203 mW/g

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.169 W/kg



**#101 WLAN 2.4GHz\_802.11b\_Right Cheek\_Ch11****DUT: 372905**

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

Medium: HSL\_2450\_130802 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.892$  mho/m;  $\epsilon_r = 40.41$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

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

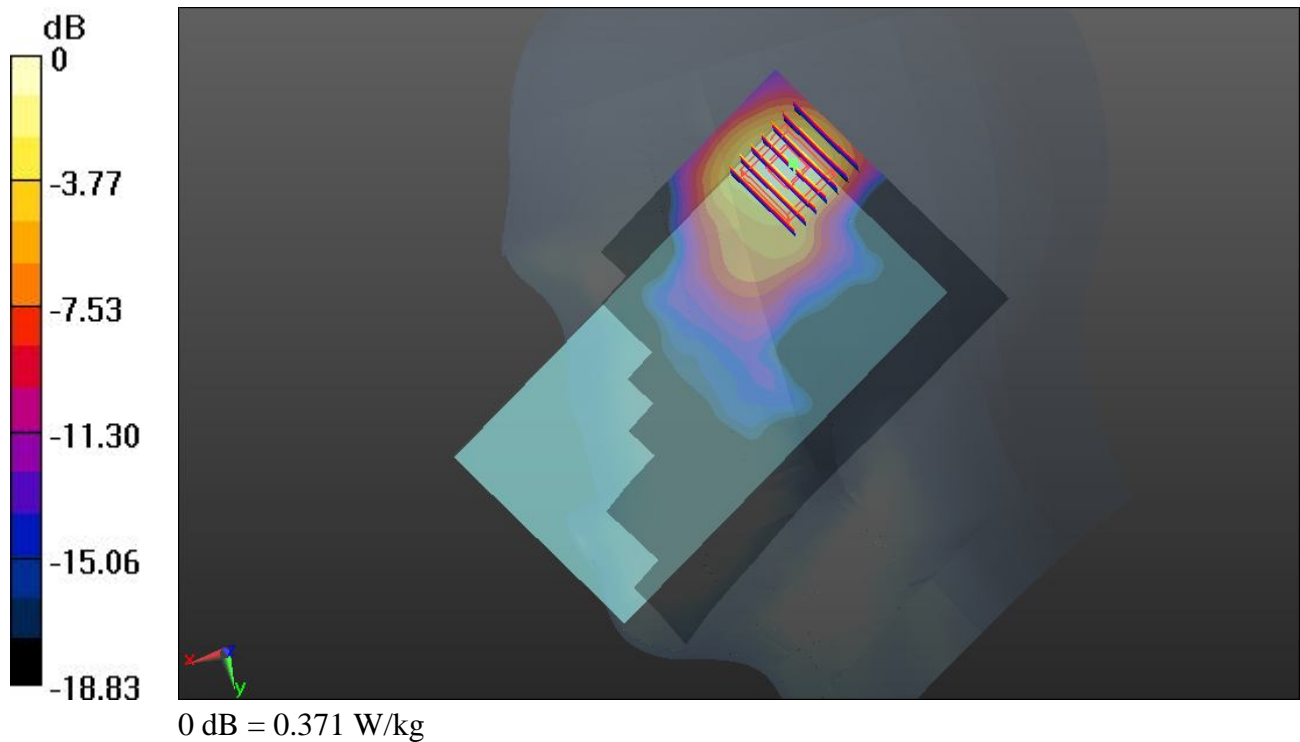
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.272 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.495 mW/g

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.122 mW/g**

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



**#102 WLAN 2.4GHz\_802.11b\_Right Tilted\_Ch11****DUT: 372905**

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

Medium: HSL\_2450\_130802 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.892$  mho/m;  $\epsilon_r = 40.41$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

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

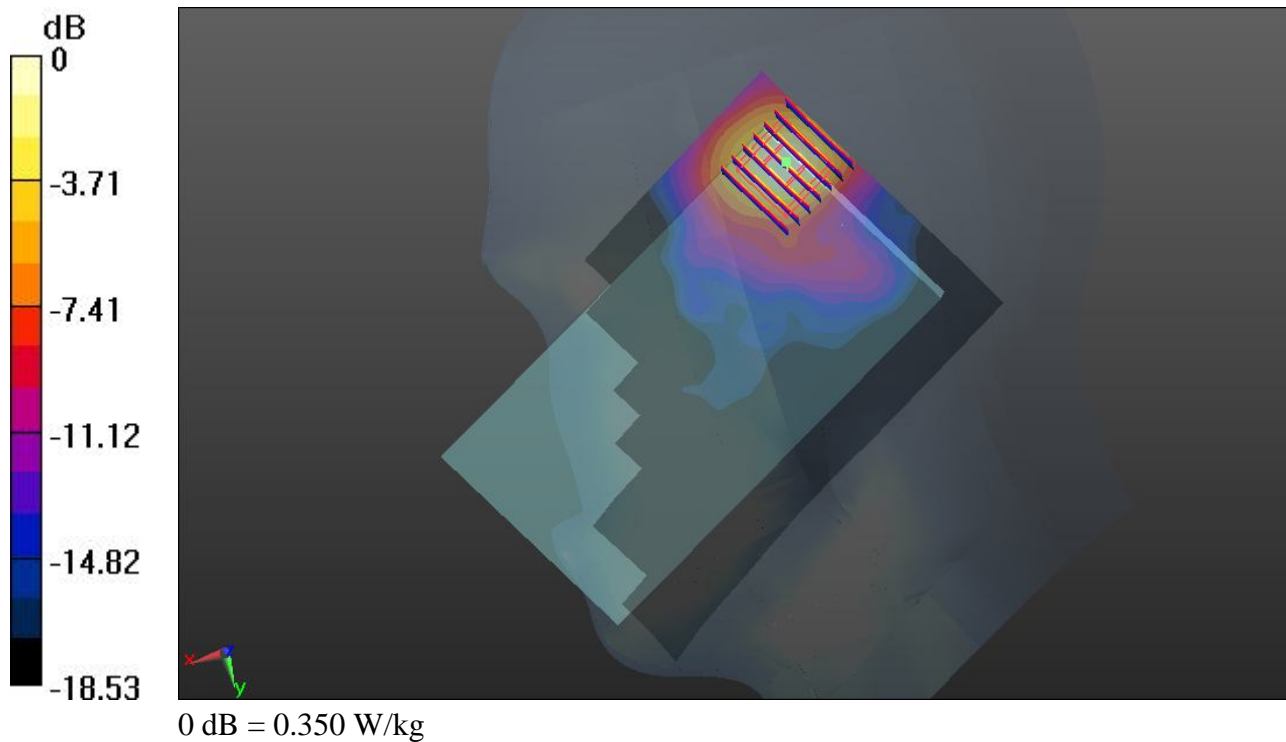
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.930 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.470 mW/g

**SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.350 W/kg



**#103 WLAN 2.4GHz\_802.11b\_Left Cheek\_Ch11****DUT: 372905**

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

Medium: HSL\_2450\_130802 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.892$  mho/m;  $\epsilon_r = 40.41$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.134 W/kg

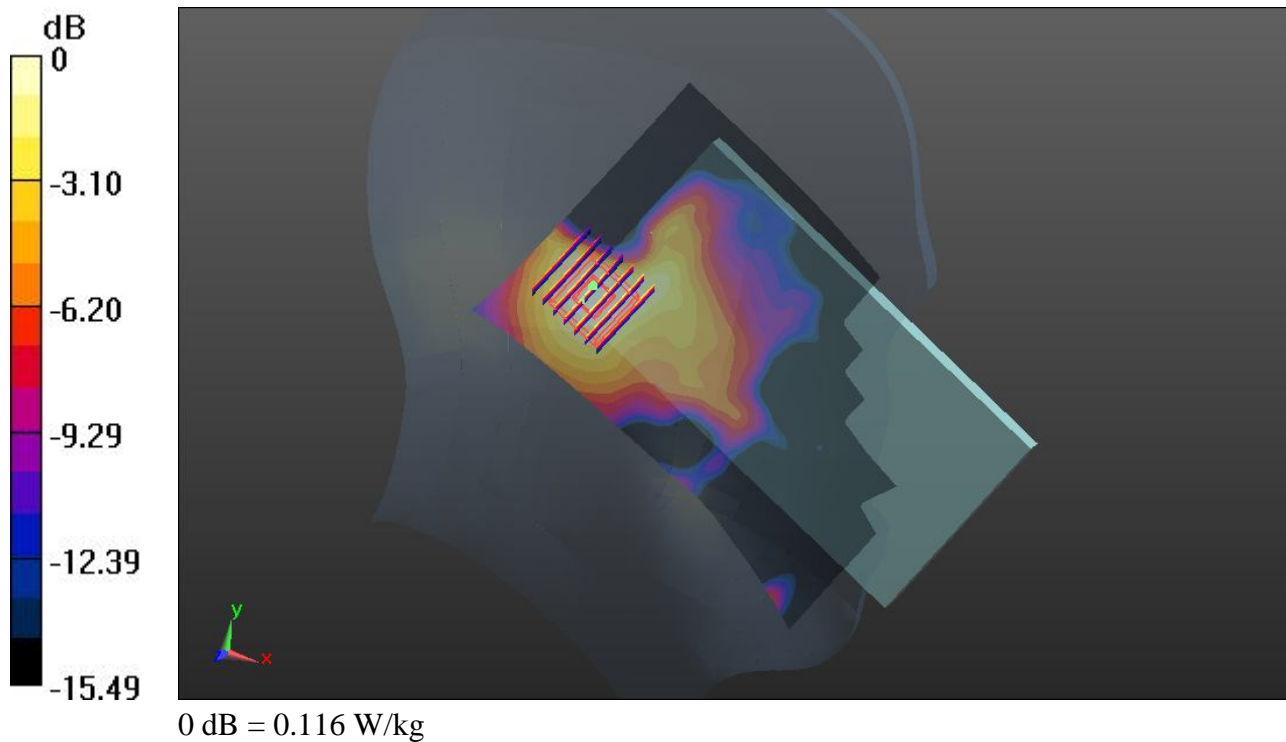
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.945 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.154 mW/g

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.044 mW/g**

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



**#104 WLAN 2.4GHz\_802.11b\_Left Tilted\_Ch11****DUT: 372905**

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

Medium: HSL\_2450\_130802 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.892$  mho/m;  $\epsilon_r = 40.41$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.147 W/kg

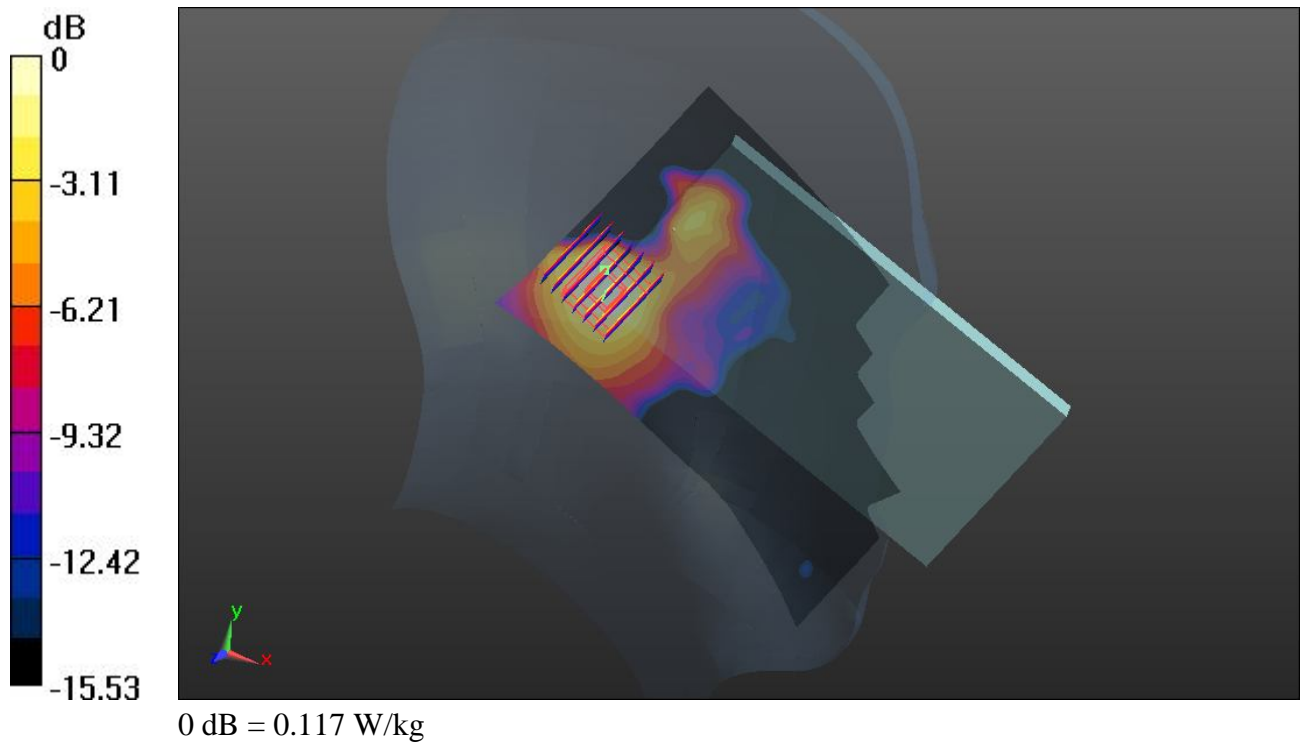
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.560 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.152 mW/g

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.043 mW/g**

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



## #21 GSM850\_GPRS(4 Tx slots)\_Front\_1cm\_Ch251

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.722 W/kg

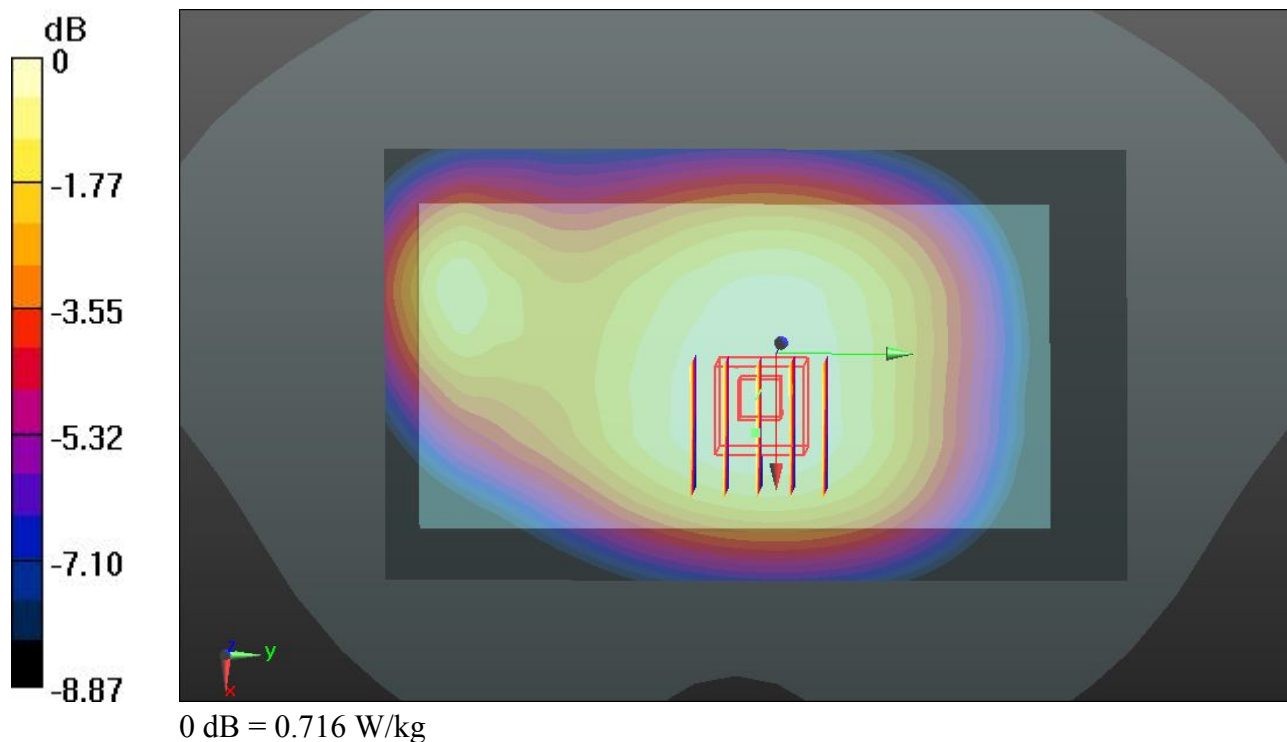
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.819 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.786 mW/g

**SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 0.716 W/kg





## #22 GSM850\_GPRS(4 Tx slots)\_Back\_1cm\_Ch251

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.977 W/kg

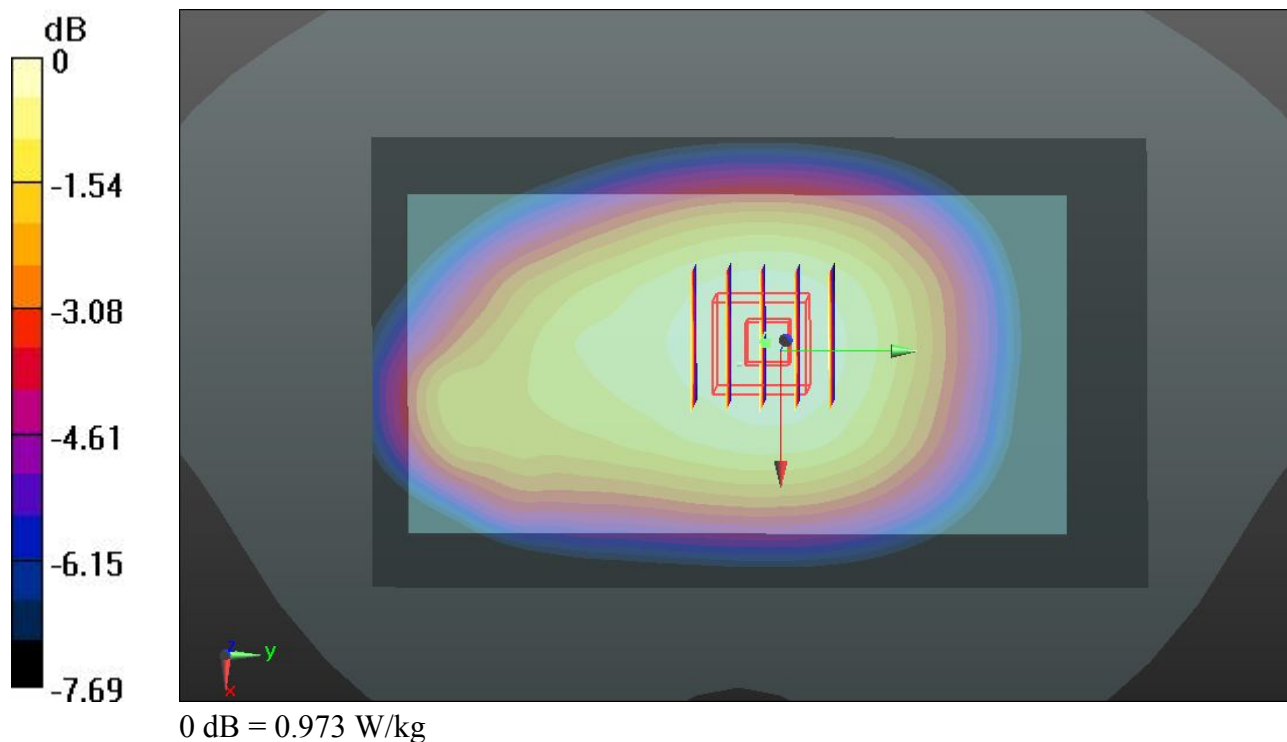
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.285 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.062 mW/g

**SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.660 mW/g**

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



## #24 GSM850\_GPRS(4 Tx slots)\_Left Side\_1cm\_Ch251

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch251/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.683 W/kg

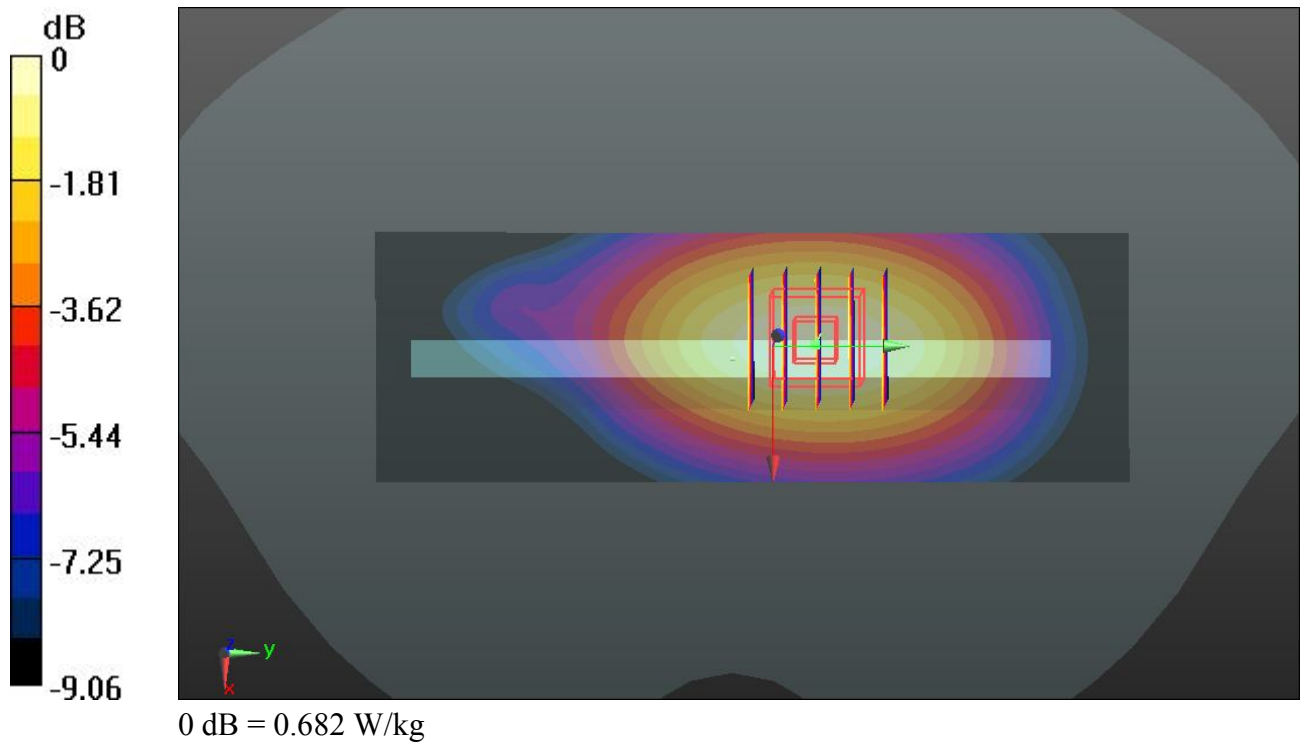
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.079 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.777 mW/g

**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.398 mW/g**

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



## #25 GSM850\_GPRS(4 Tx slots)\_Right Side\_1cm\_Ch251

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch251/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

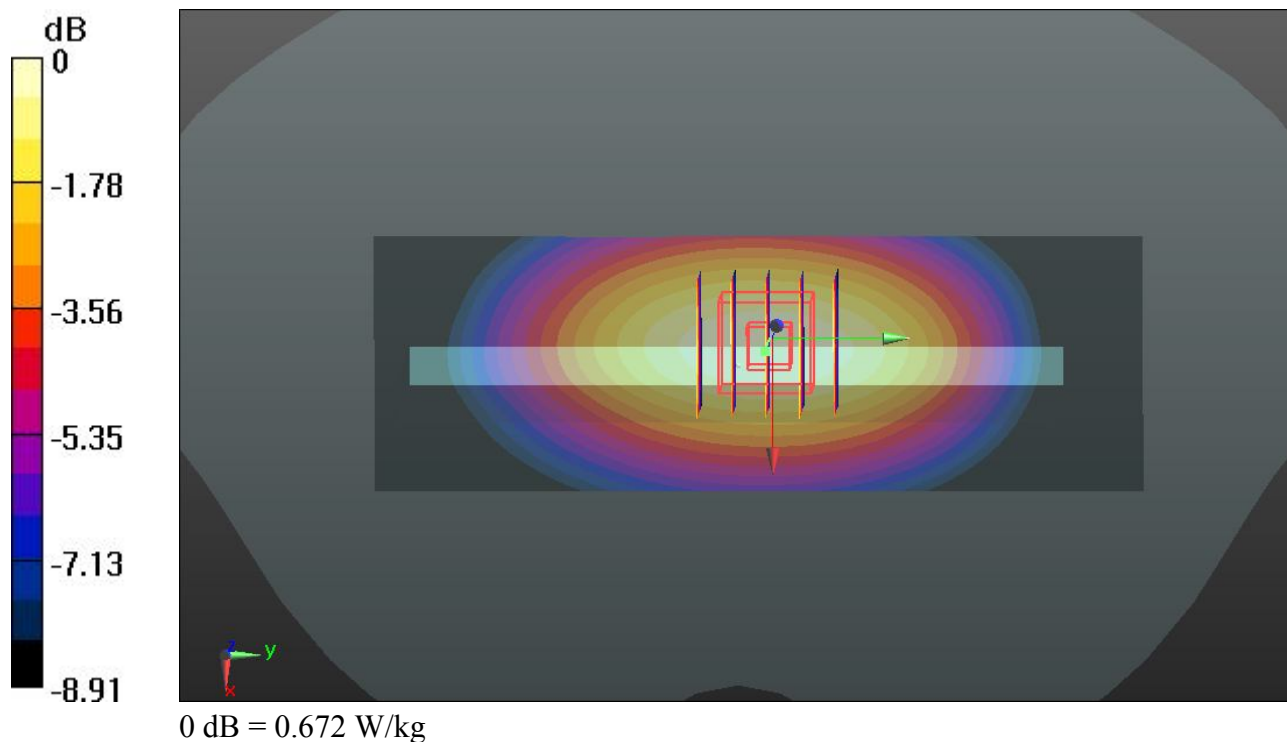
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.987 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.766 mW/g

**SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.391 mW/g**

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



**#26 GSM850\_GPRS(4 Tx slots)\_Bottom Side\_1cm\_Ch251****DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ; $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.908 W/kg

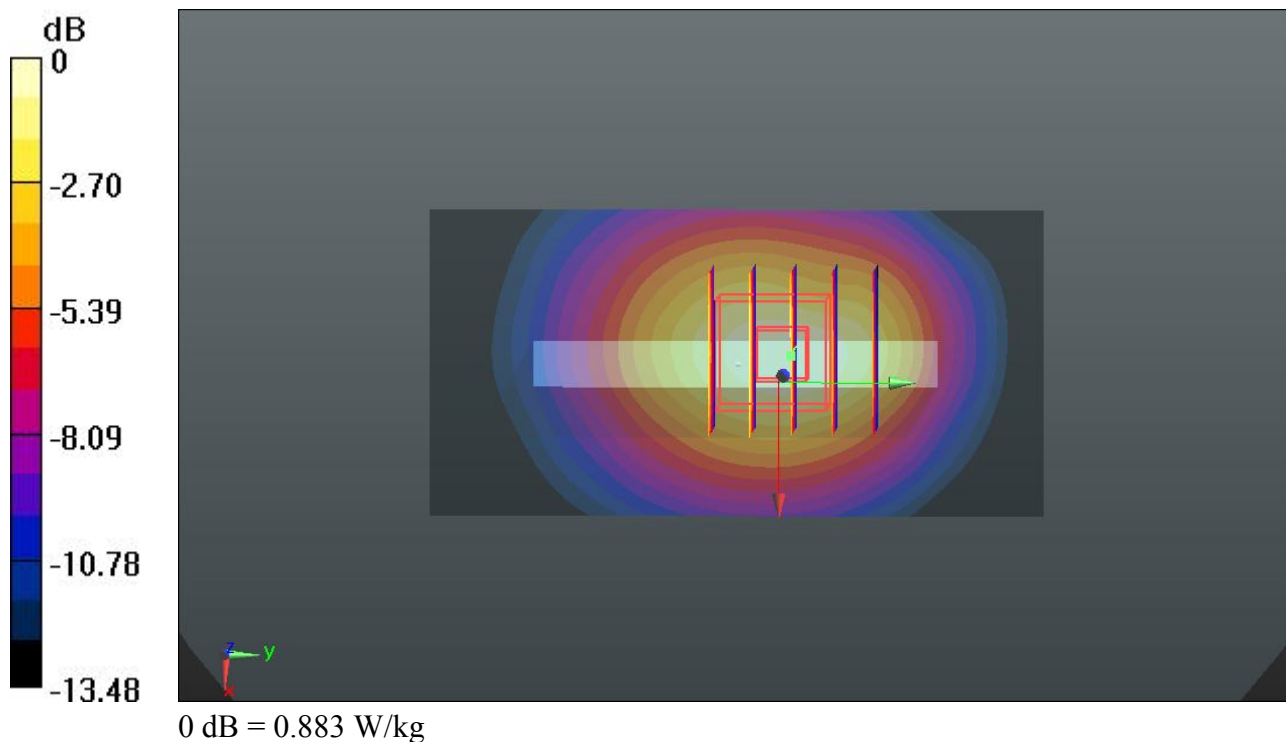
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.513 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.086 mW/g

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.403 mW/g**

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



## #27 GSM850\_GPRS(4 Tx slots)\_Back\_1cm\_Ch128

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r =$ 55.497;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

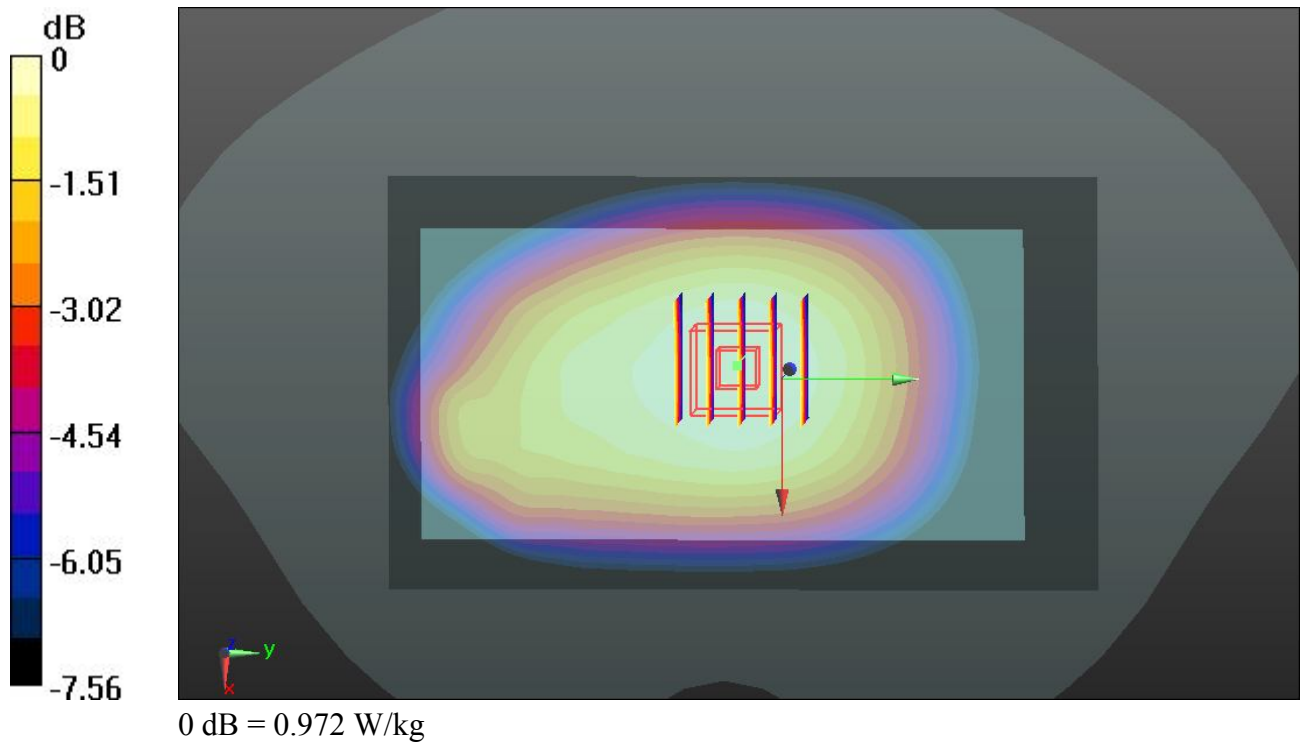
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.855 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.060 mW/g

**SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.667 mW/g**

Maximum value of SAR (measured) = 0.972 W/kg



## #28 GSM850\_GPRS(4 Tx slots)\_Back\_1cm\_Ch189

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r =$ 55.391;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch189/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

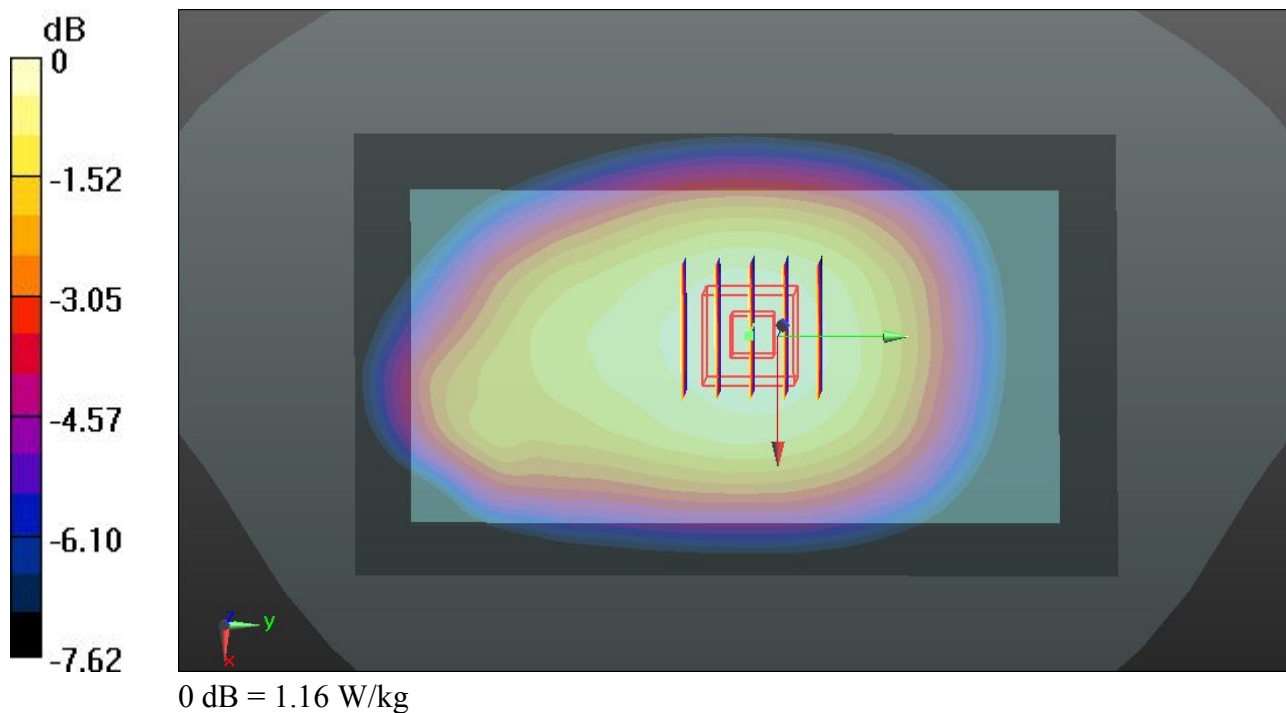
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.330 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.256 mW/g

**SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.782 mW/g**

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



## #41 GSM850\_GPRS(4 Tx slots)\_Back\_1cm\_Ch189\_Repeat

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.968$  mho/m;  $\epsilon_r =$ 55.391;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch189/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

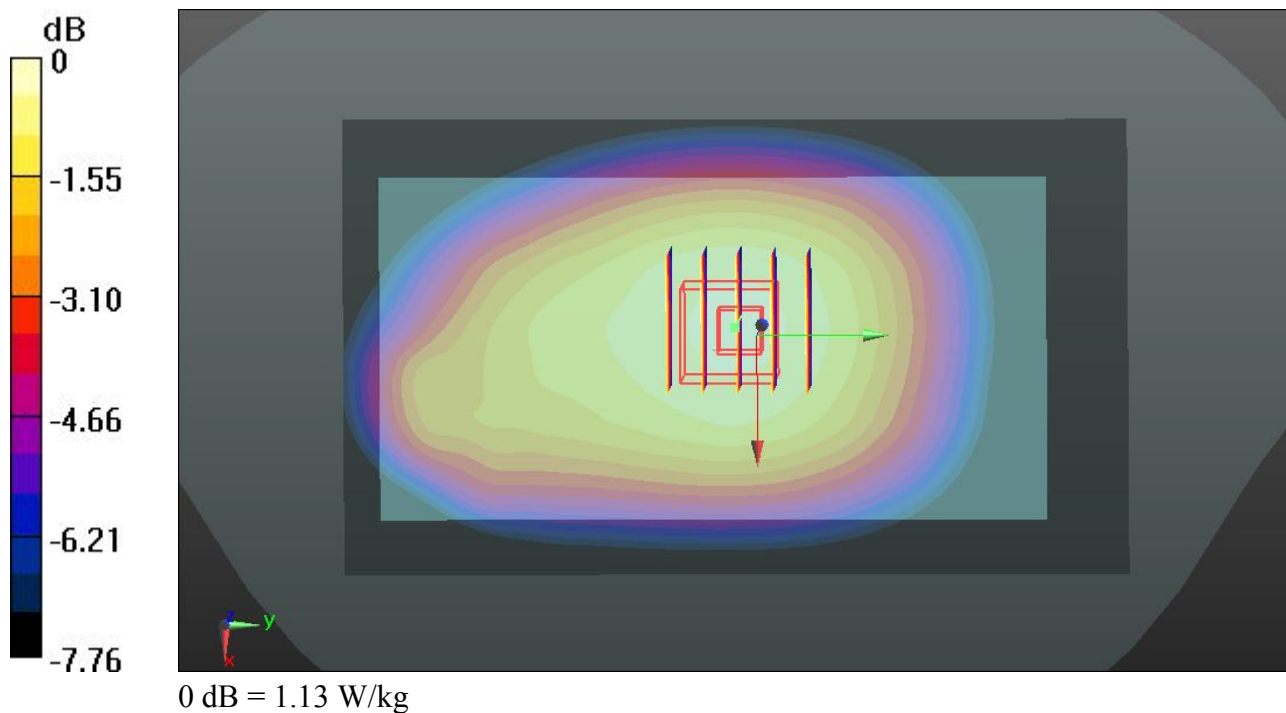
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.105 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.227 mW/g

**SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.771 mW/g**

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





**#39 GSM850\_GSM Voice\_Front\_1cm\_Ch251****DUT: 372905**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

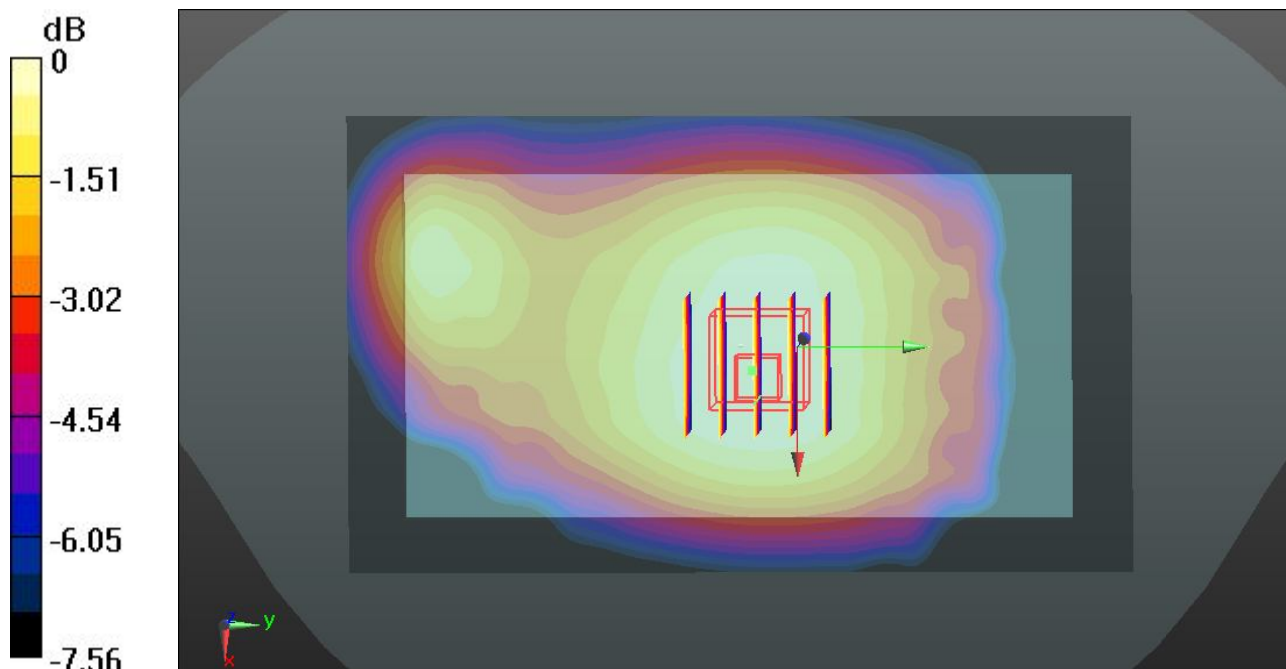
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.084 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.373 mW/g

**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.232 mW/g**

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



0 dB = 0.340 W/kg

**#40 GSM850\_GSM Voice\_Back\_1cm\_Ch251****DUT: 372905**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium: MSL\_835\_130803 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.275$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.503 W/kg

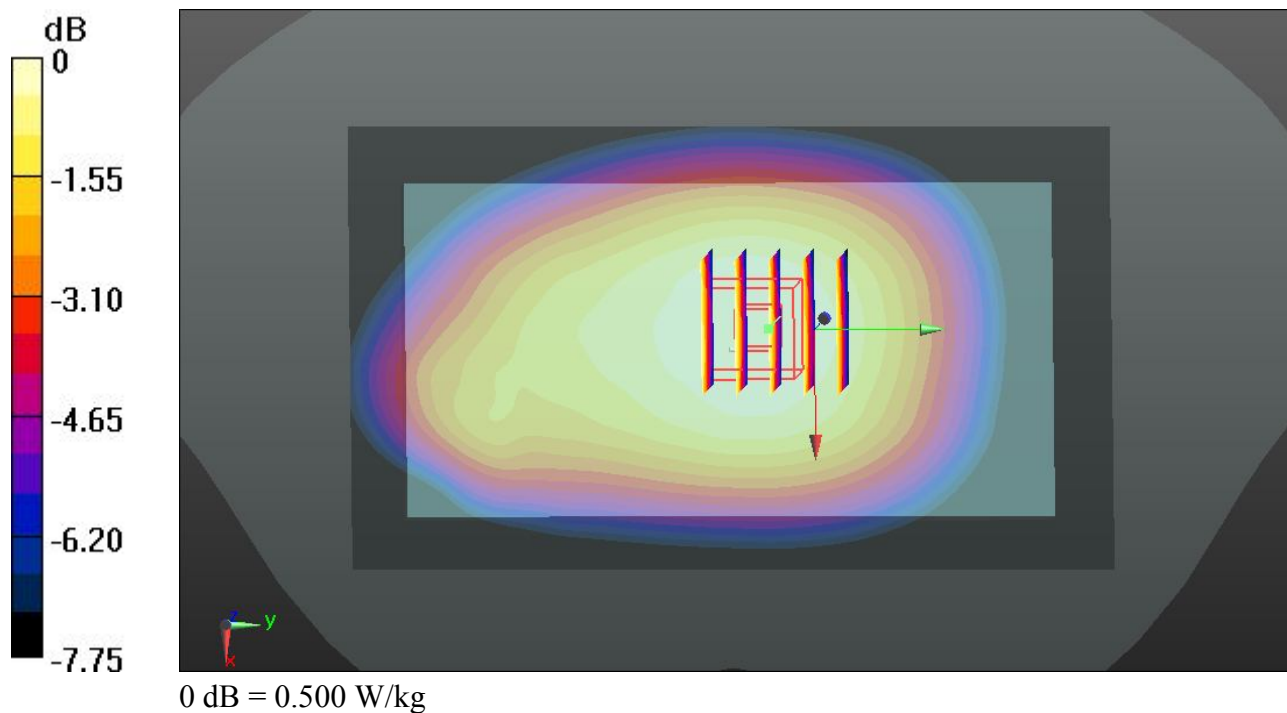
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.243 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.545 mW/g

**SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.500 W/kg



## #54 GSM1900\_GPRS(4 Tx slots)\_Front\_1cm\_Ch512

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.499 W/kg

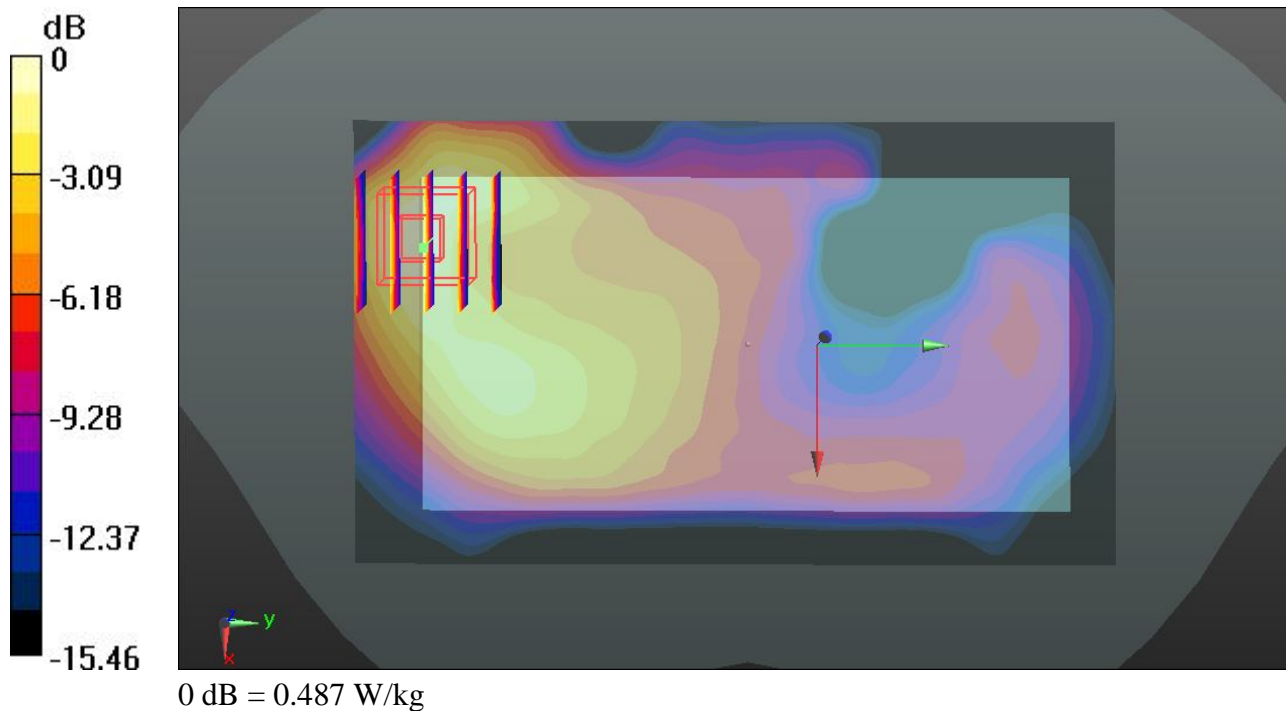
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.982 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.591 mW/g

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.200 mW/g**

Maximum value of SAR (measured) = 0.487 W/kg



## #55 GSM1900\_GPRS(4 Tx slots)\_Back\_1cm\_Ch512

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.803 W/kg

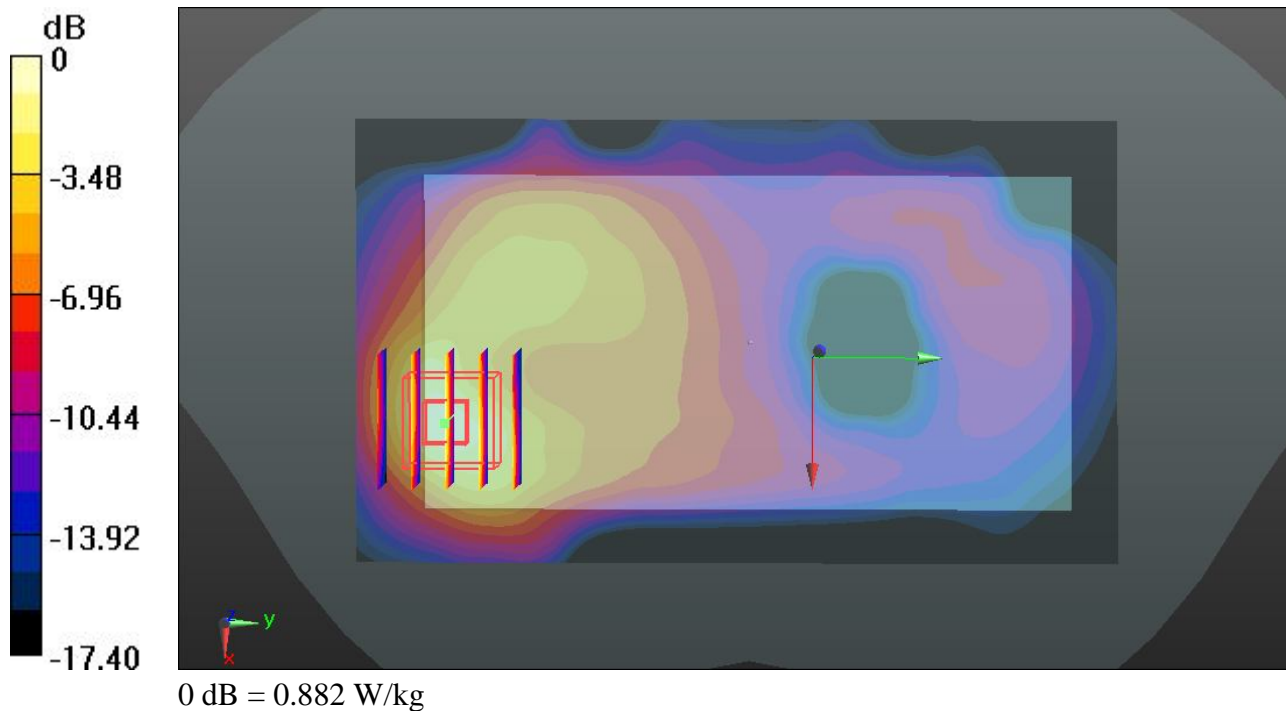
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.803 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.067 mW/g

**SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.341 mW/g**

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



## #56 GSM1900\_GPRS(4 Tx slots)\_Left Side\_1cm\_Ch512

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.168 W/kg

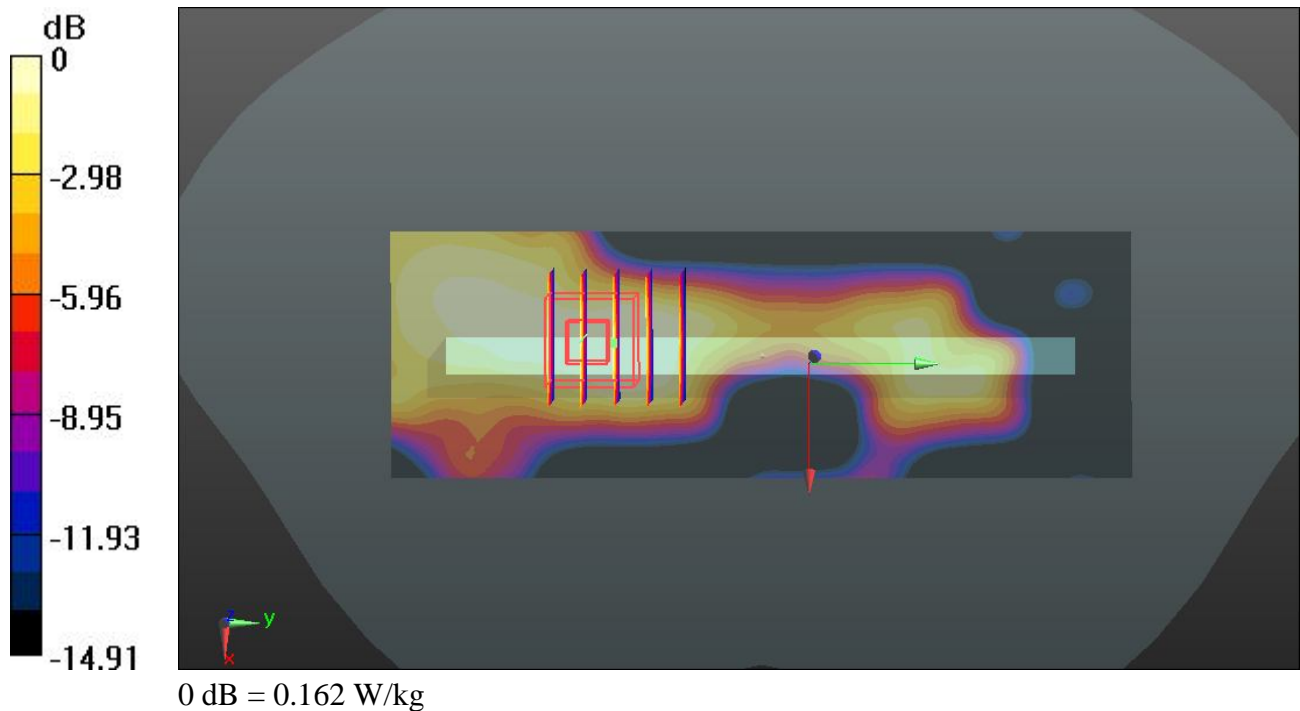
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.662 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.195 mW/g

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.162 W/kg



**#57 GSM1900\_GPRS(4 Tx slots)\_Right Side\_1cm\_Ch512****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.176 W/kg

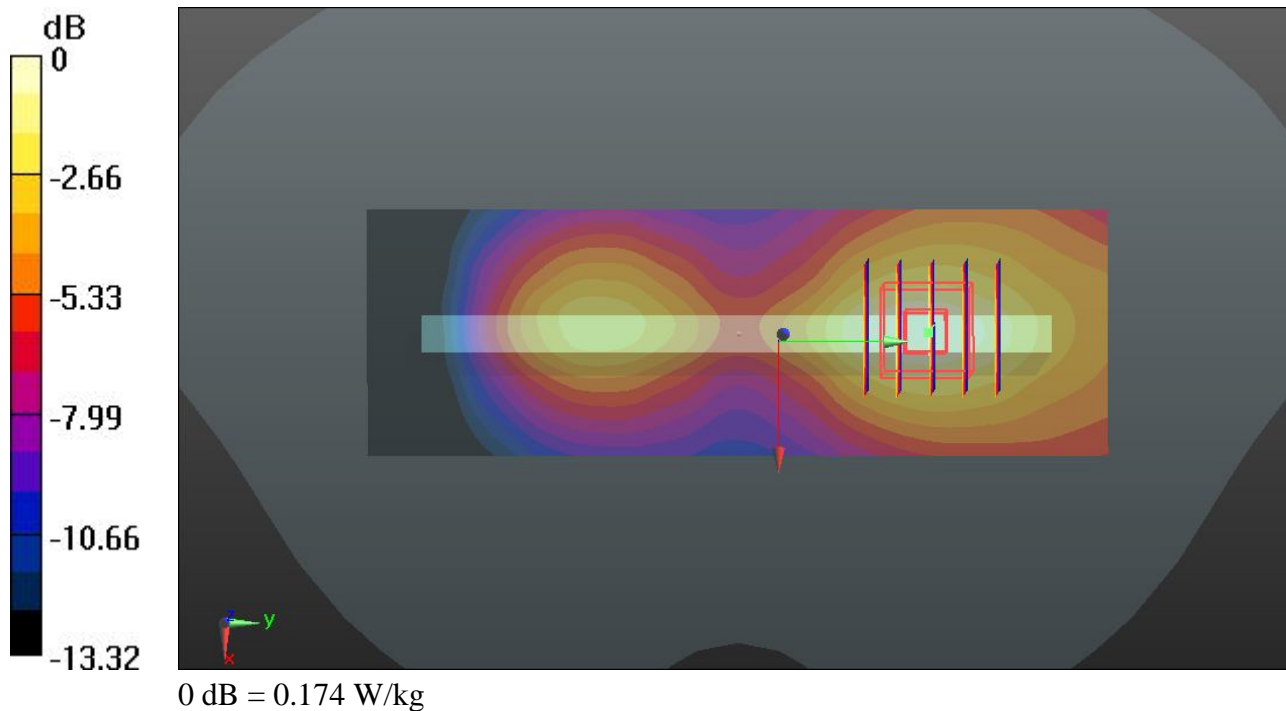
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.766 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.209 mW/g

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.174 W/kg





**#58 GSM1900\_GPRS(4 Tx slots)\_Bottom Side\_1cm\_Ch512****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.556 W/kg

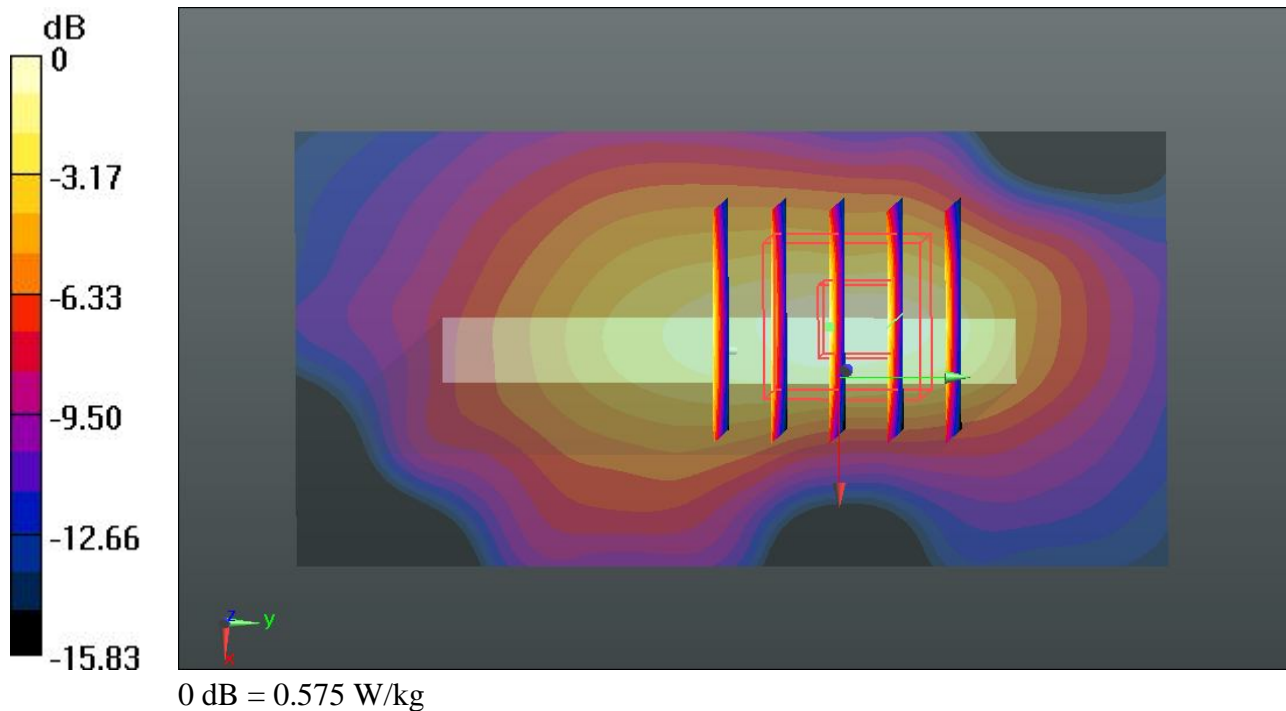
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.144 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.725 mW/g

**SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.224 mW/g**

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





**#59 GSM1900\_GSM Voice\_Front\_1cm\_Ch512****DUT: 372905**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

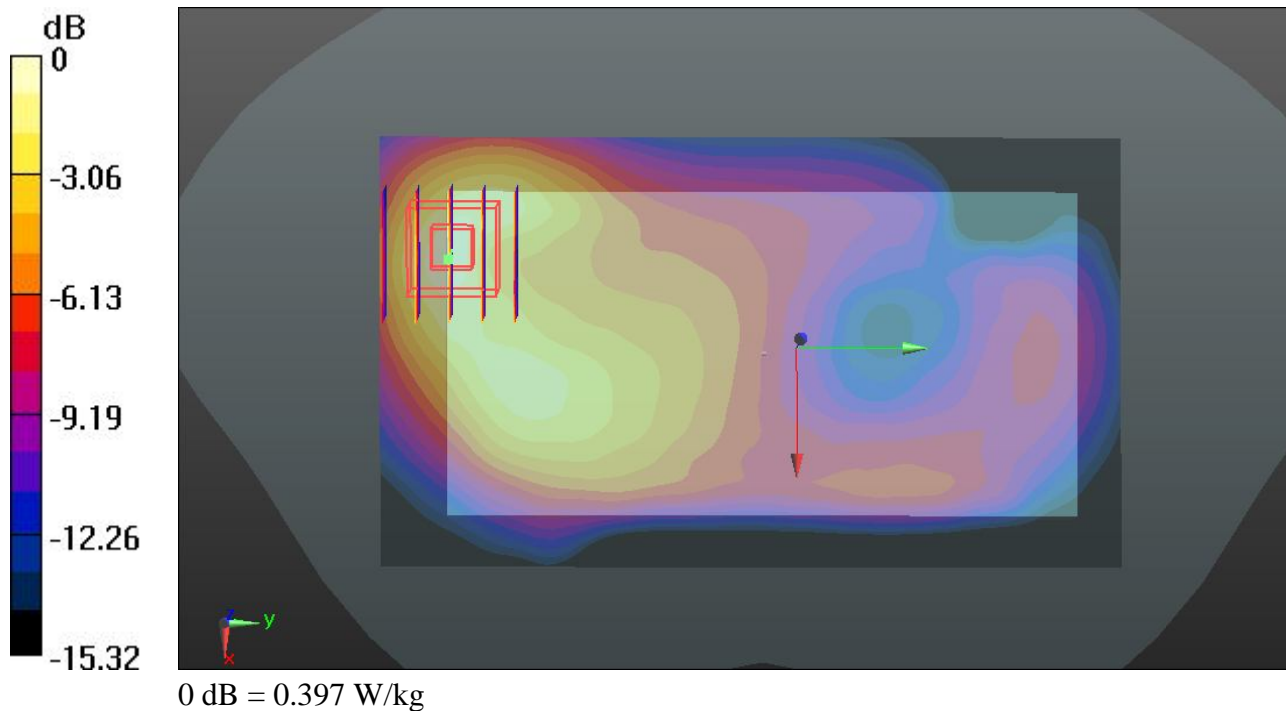
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.037 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.478 mW/g

**SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.163 mW/g**

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



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

**DUT: 372905**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r =$ 52.082;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.629 W/kg

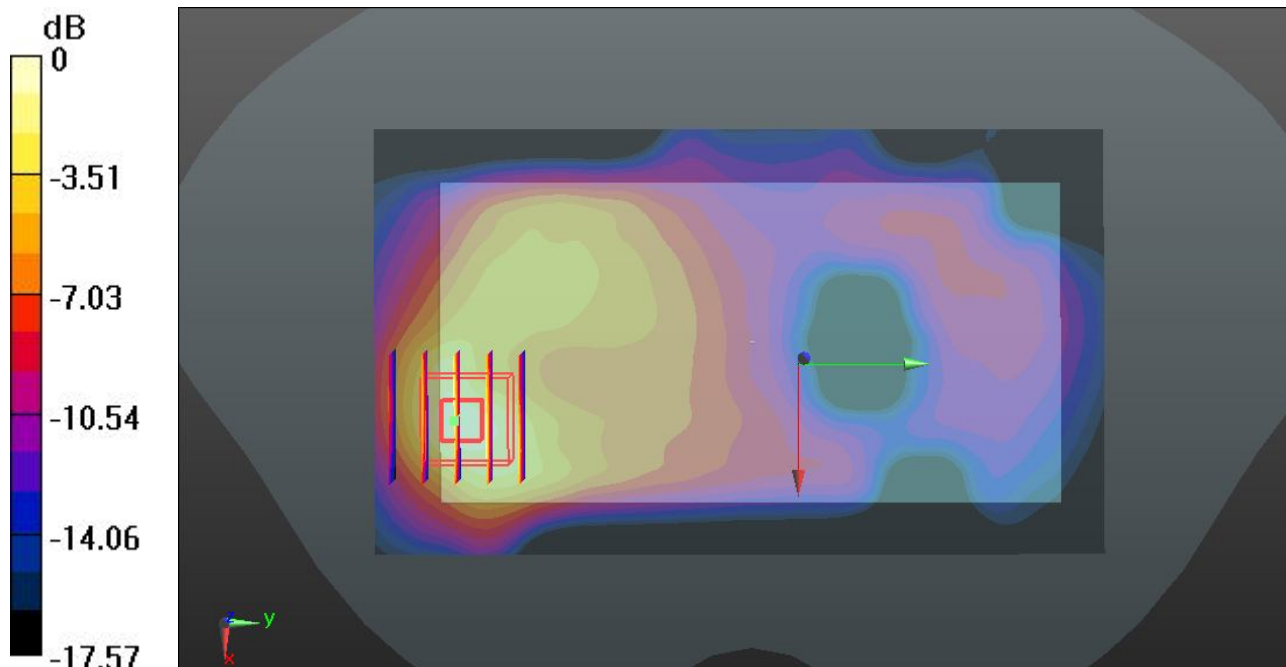
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.748 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.857 mW/g

**SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg

**#30 WCDMA Band V\_RMC 12.2K\_Front\_1cm\_Ch4132****DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r =$ 55.476;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

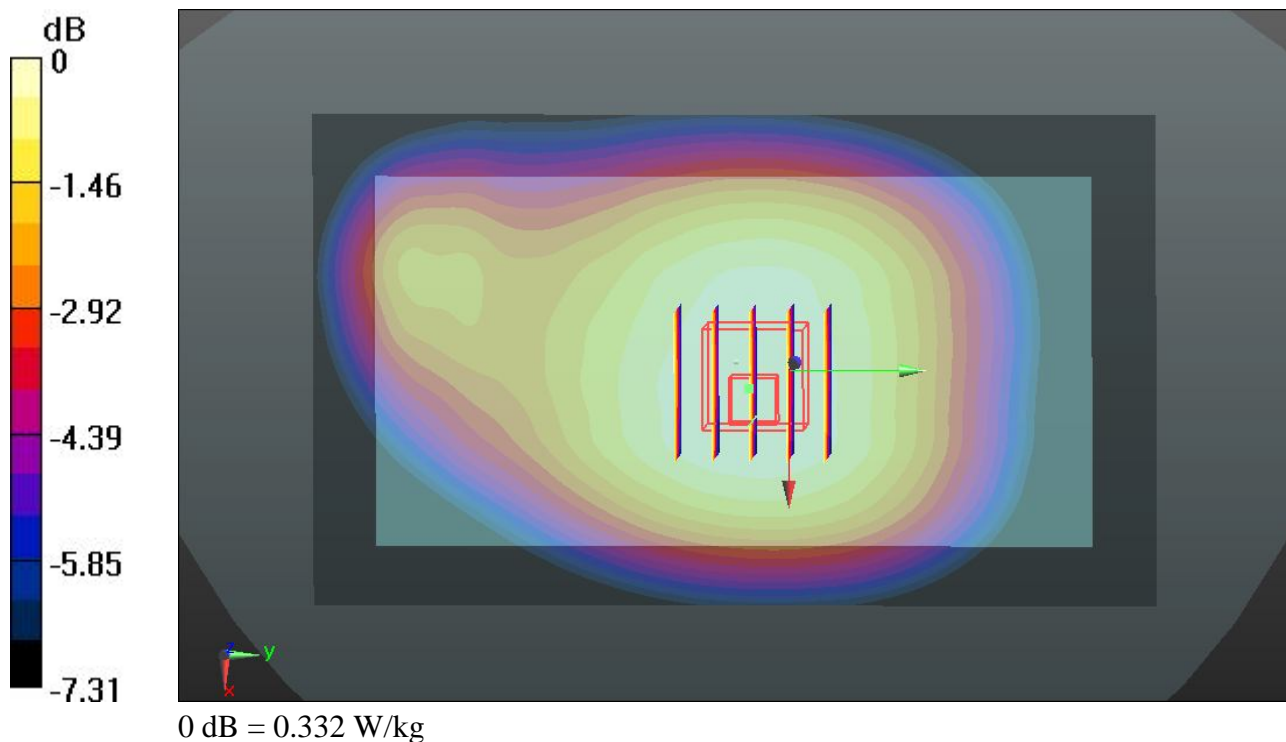
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.105 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.363 mW/g

**SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.229 mW/g**

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



**#31 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4132****DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r =$ 55.476;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.556 W/kg

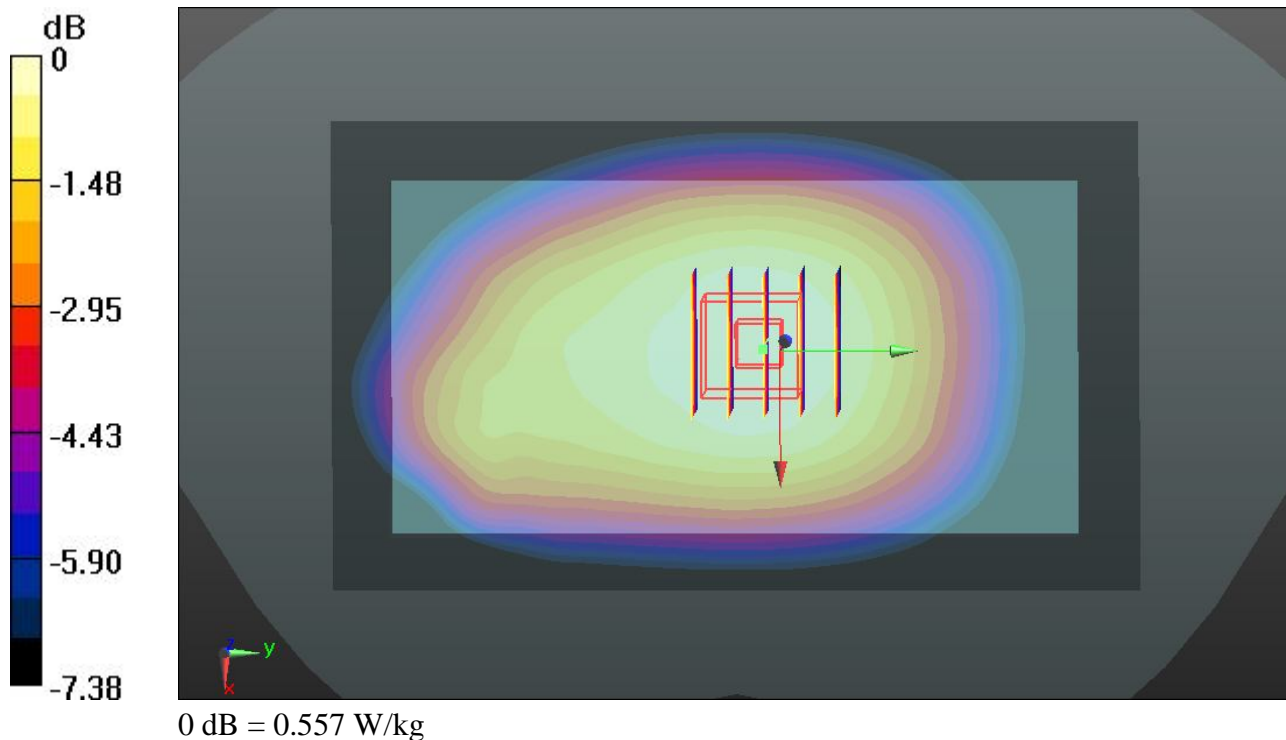
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.757 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.605 mW/g

**SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.557 W/kg



**#32 WCDMA Band V\_RMC 12.2K\_Left Side\_1cm\_Ch4132****DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r =$

55.476;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

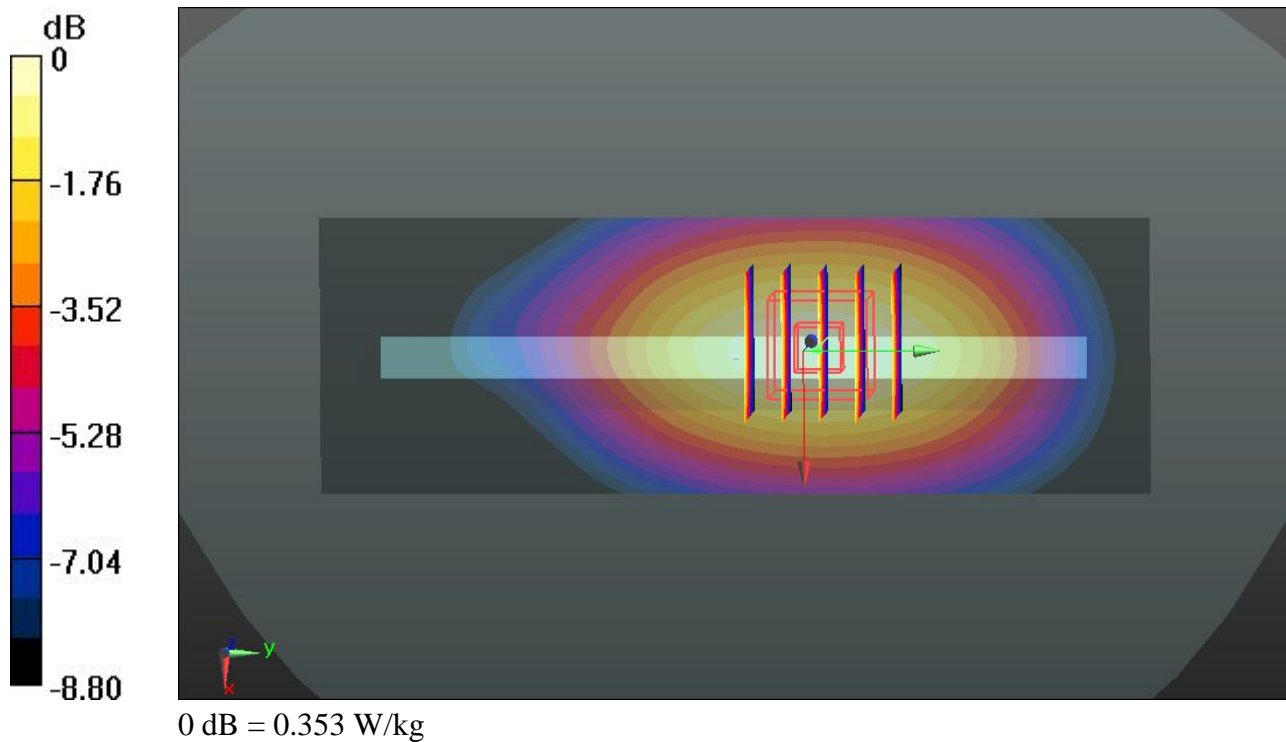
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.590 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.401 mW/g

**SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.207 mW/g**

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



**#33 WCDMA Band V\_RMC 12.2K\_Right Side\_1cm\_Ch4132****DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r =$ 55.476;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

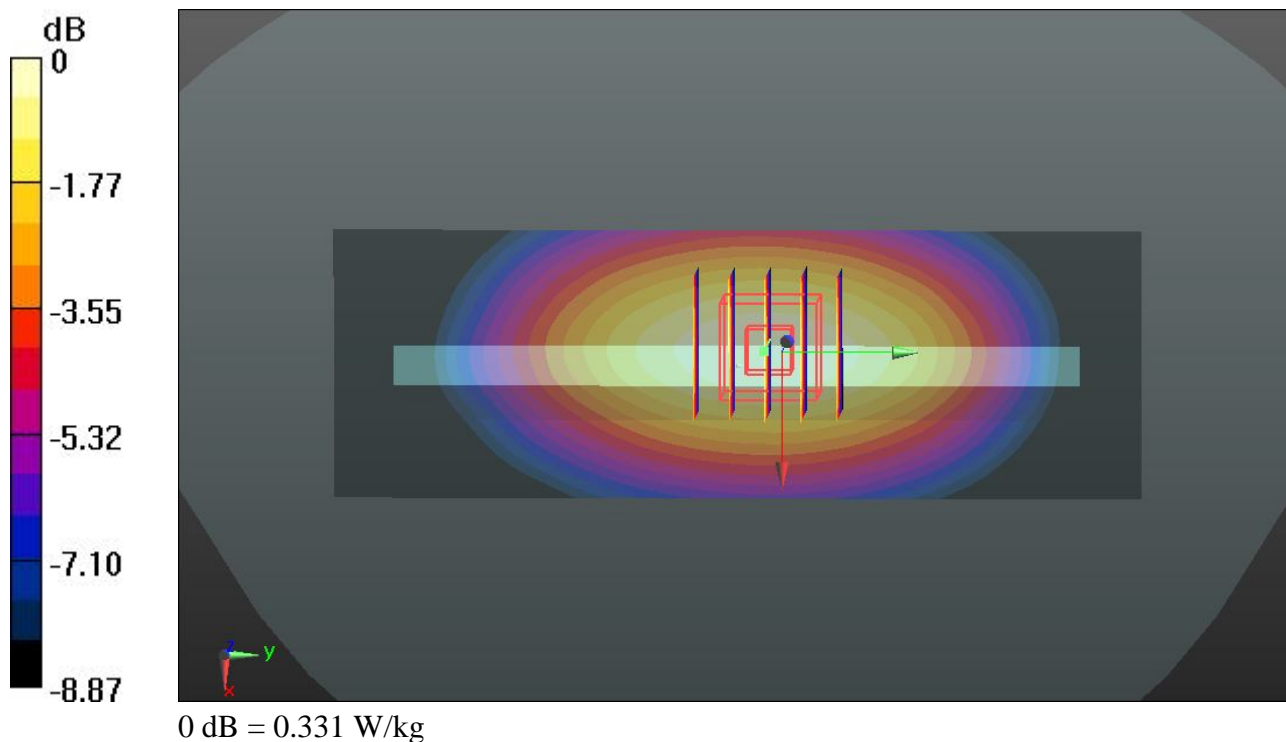
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.131 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.376 mW/g

**SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.193 mW/g**

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





## #34 WCDMA Band V\_RMC 12.2K\_Bottom Side\_1cm\_Ch4132

**DUT: 372905**

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

Medium: MSL\_835\_130803 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r =$ 55.476;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (41x81x1):** Interpolated grid: dx=15mm, dy=15mm

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

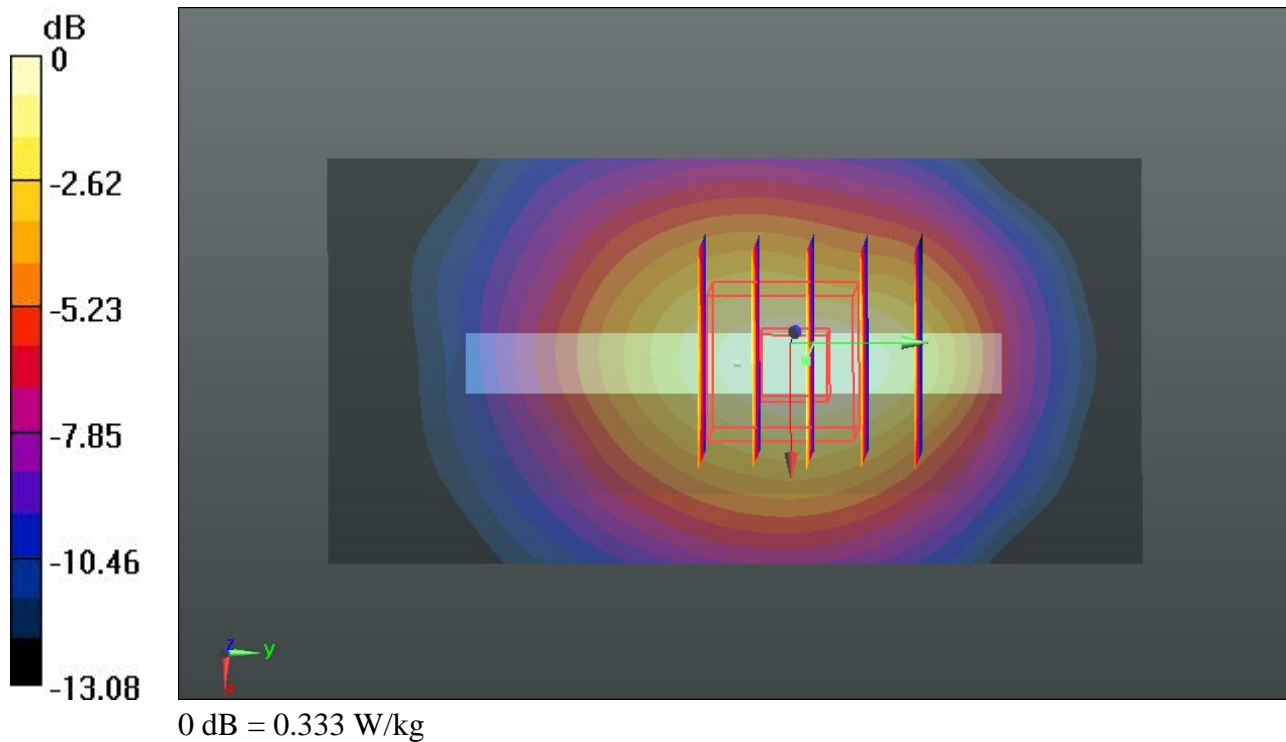
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.761 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.409 mW/g

**SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.154 mW/g**

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





**#42 WCDMA Band II\_RMC 12.2K\_Front\_1cm\_Ch9400****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$  $51.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

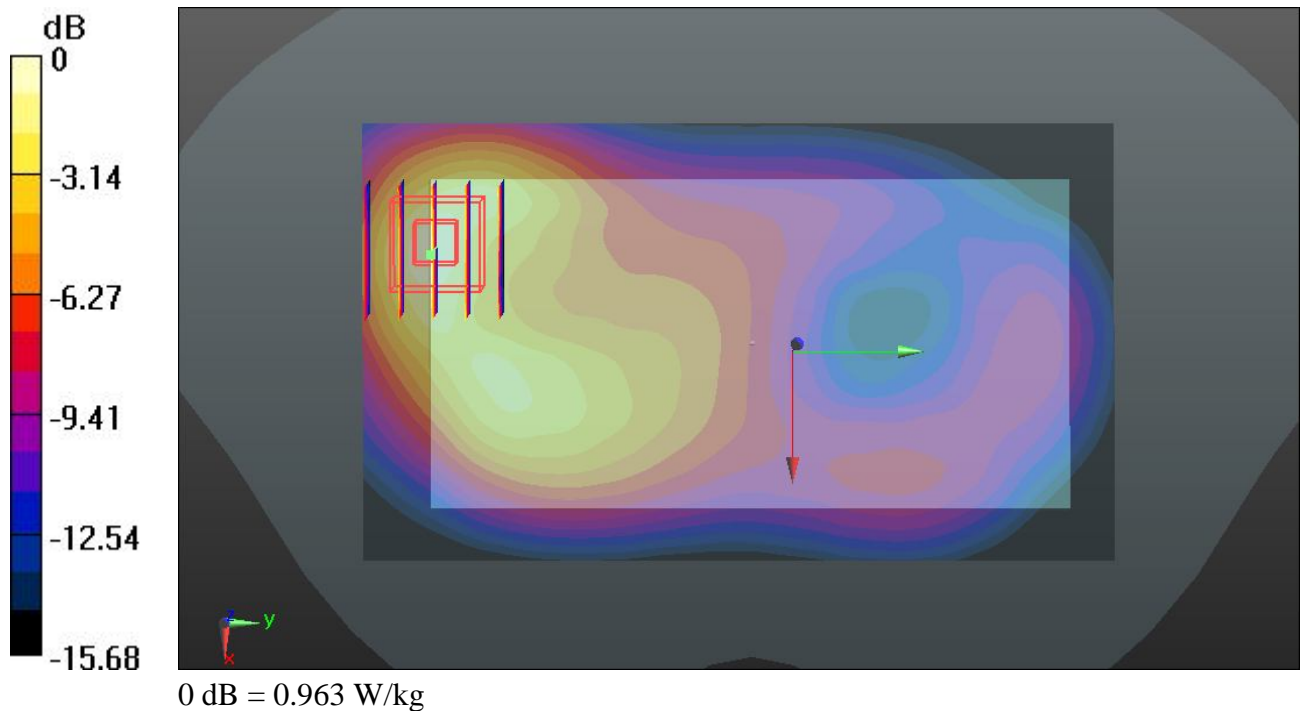
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.874 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.169 mW/g

**SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.385 mW/g**

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



**#43 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9400****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$ 51.947;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

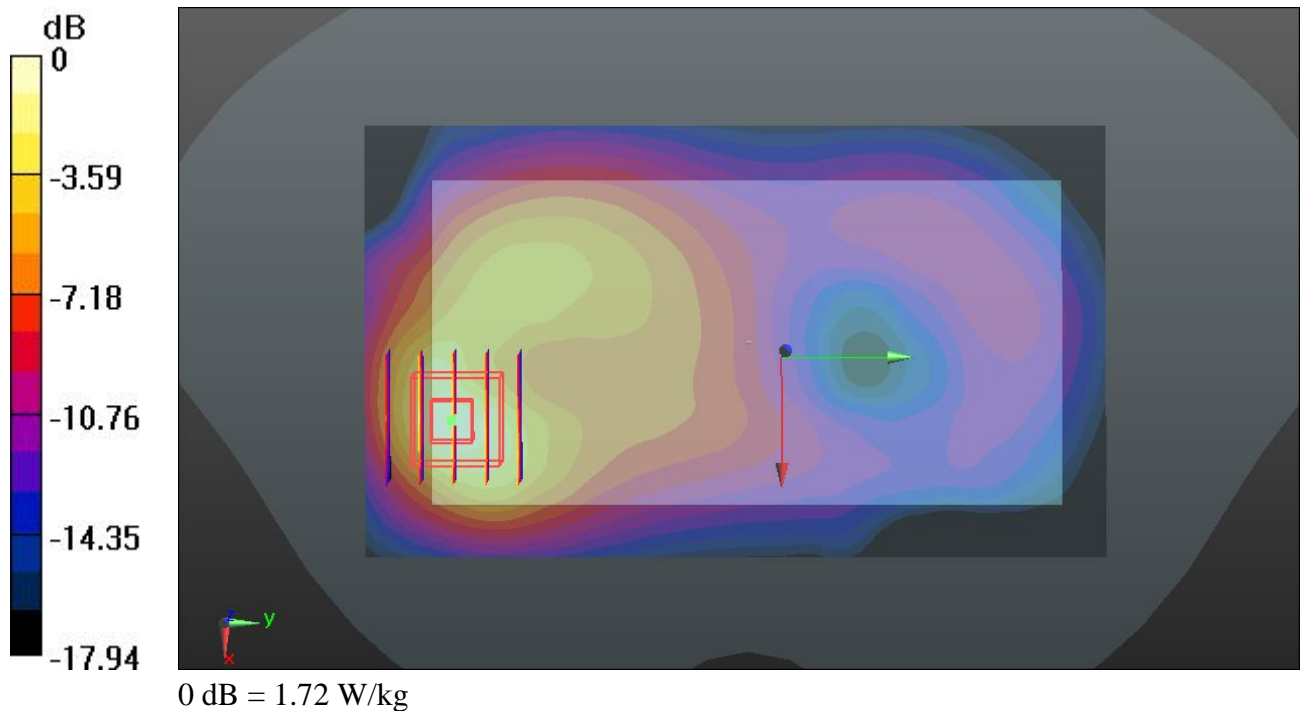
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.147 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.101 mW/g

**SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.653 mW/g**

Maximum value of SAR (measured) = 1.72 W/kg



**#61 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9400\_Repeat SAR****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$  $51.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

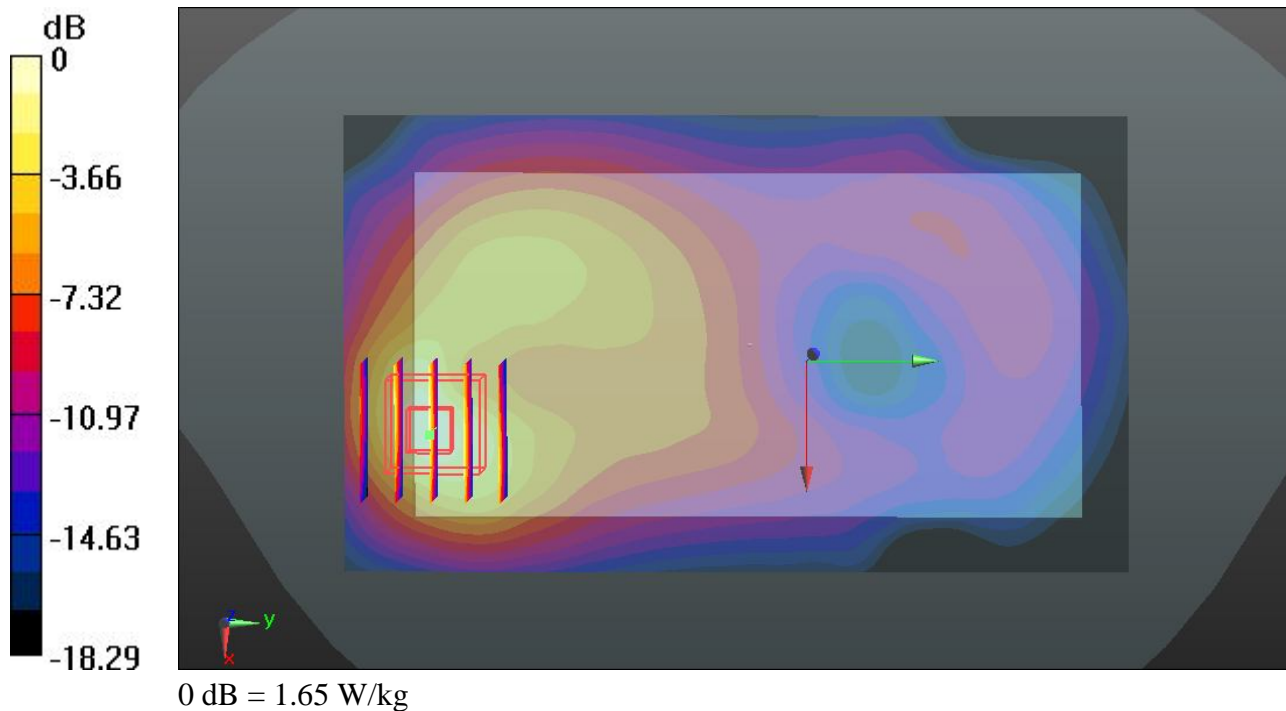
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.381 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.028 mW/g

**SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.631 mW/g**

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



**#44 WCDMA Band II\_RMC 12.2K\_Left Side\_1cm\_Ch9400****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$ 51.947;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9400/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

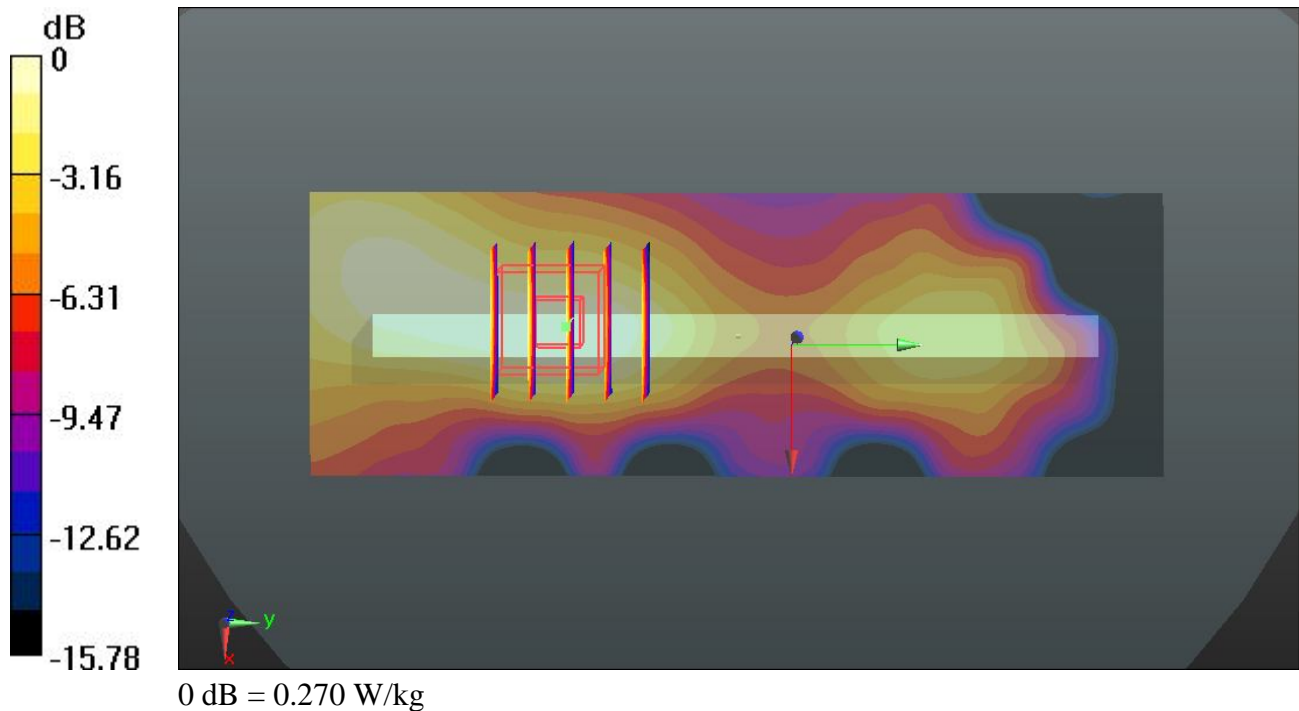
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.438 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.329 mW/g

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.122 mW/g**

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



**#45 WCDMA Band II\_RMC 12.2K\_Right Side\_1cm\_Ch9400****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$  $51.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9400/Area Scan (41x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.308 W/kg

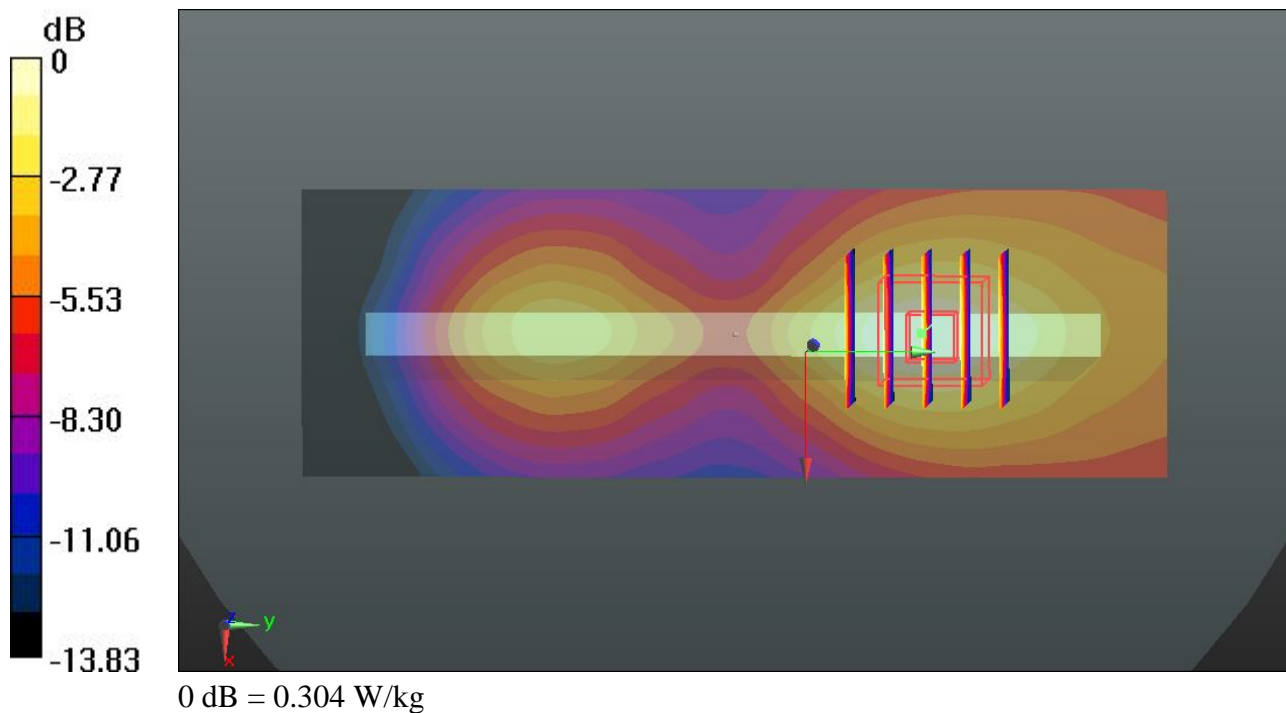
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.977 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.369 mW/g

**SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.140 mW/g**

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



## #46 WCDMA Band II\_RMC 12.2K\_Bottom Side\_1cm\_Ch9400

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$ 51.947;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

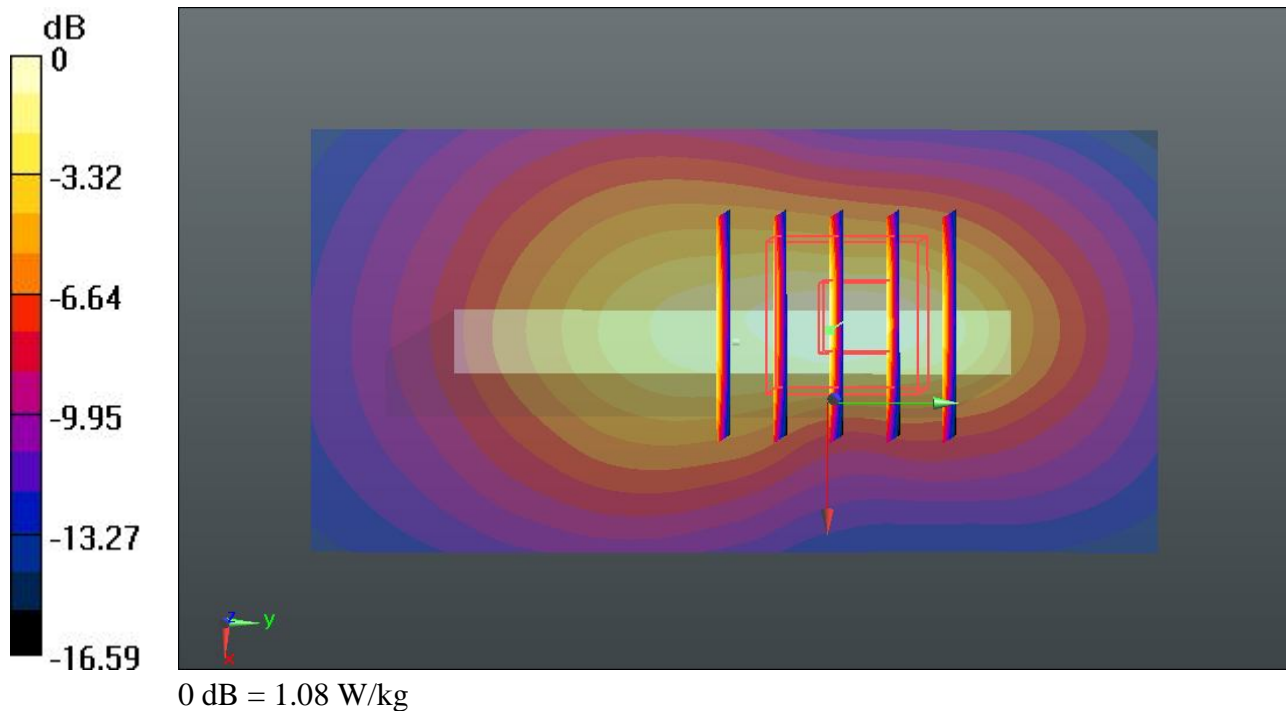
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.545 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.380 mW/g

**SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.416 mW/g**

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





**#47 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9262****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.506$  mho/m;  $\epsilon_r =$  $52.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

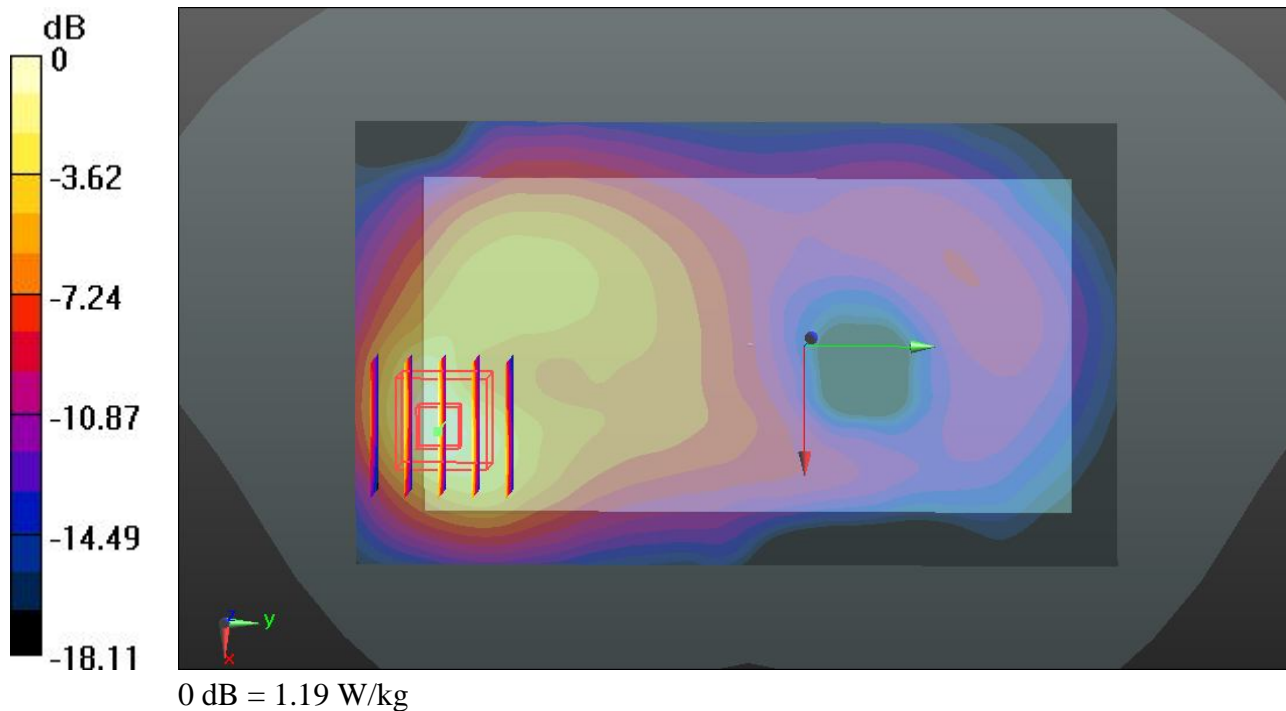
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.930 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.460 mW/g

**SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.462 mW/g**

Maximum value of SAR (measured) = 1.19 W/kg





**#48 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9538****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.579$  mho/m;  $\epsilon_r =$  $51.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

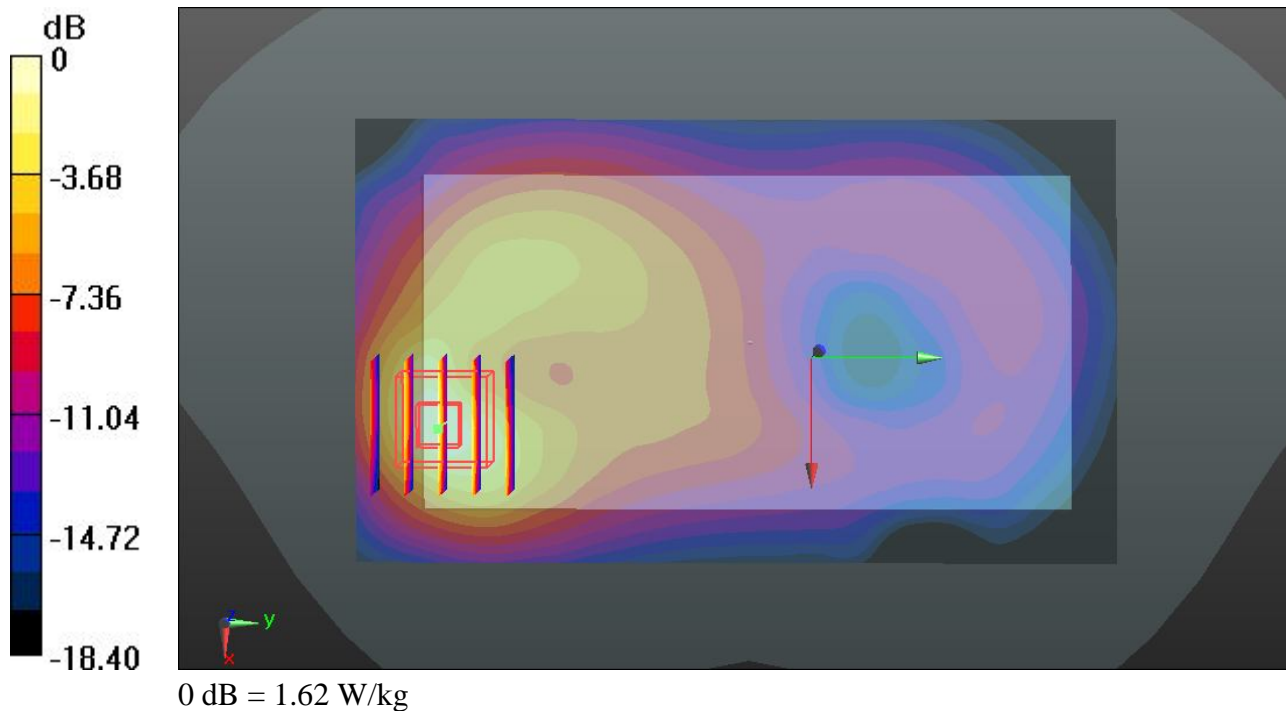
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.798 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.002 mW/g

**SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.615 mW/g**

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



## #49 WCDMA Band II\_RMC 12.2K\_Bottom Side\_1cm\_Ch9262

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.506$  mho/m;  $\epsilon_r =$ 52.067;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (41x81x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.790 W/kg

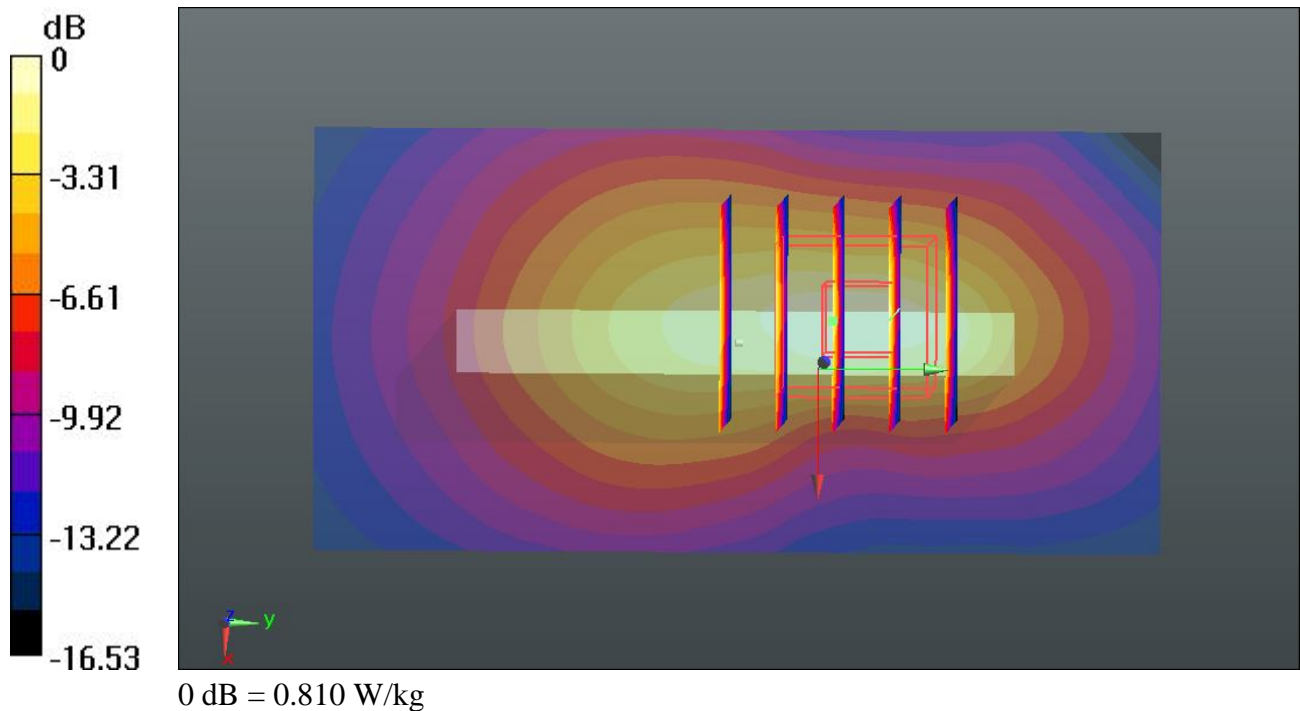
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.852 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.019 mW/g

**SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 0.810 W/kg



**#50 WCDMA Band II\_RMC 12.2K\_Bottom Side\_1cm\_Ch9538****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.579$  mho/m;  $\epsilon_r =$  $51.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9538/Area Scan (41x81x1):** Interpolated grid: dx=15mm, dy=15mm

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

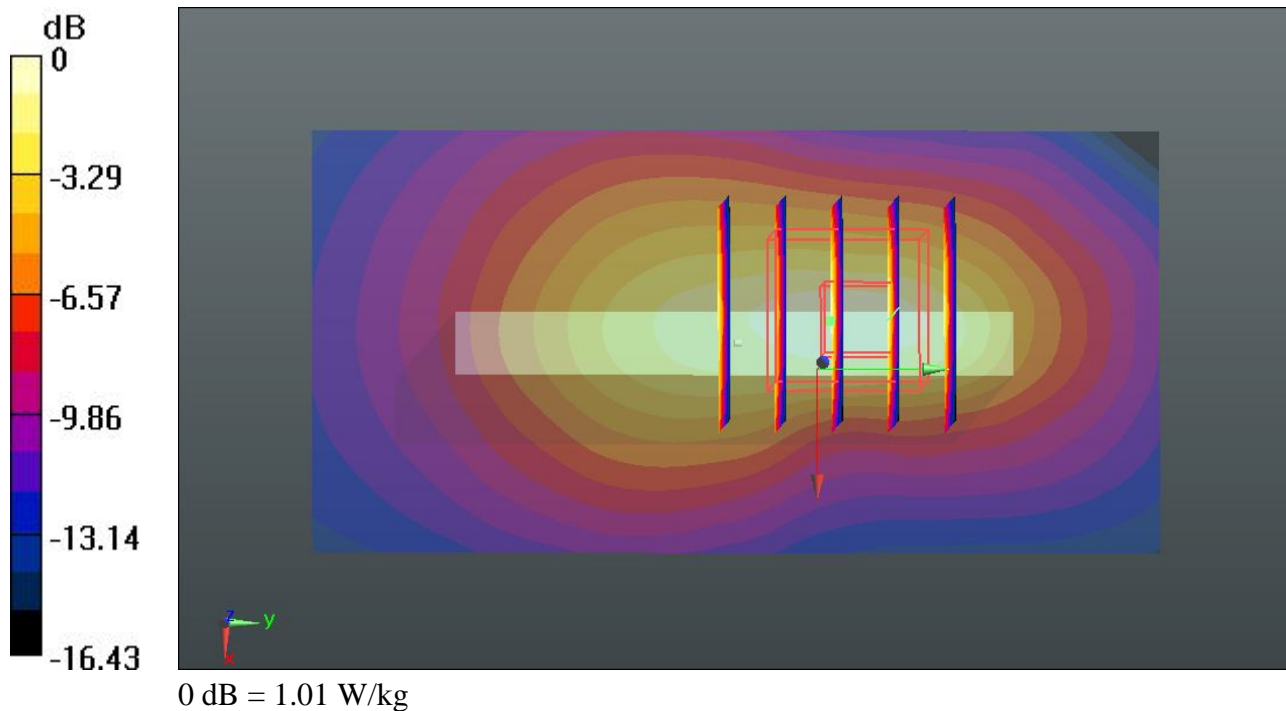
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.146 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.285 mW/g

**SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.385 mW/g**

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



## #62 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9400\_Headset

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$ 51.947;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 1.77 W/kg

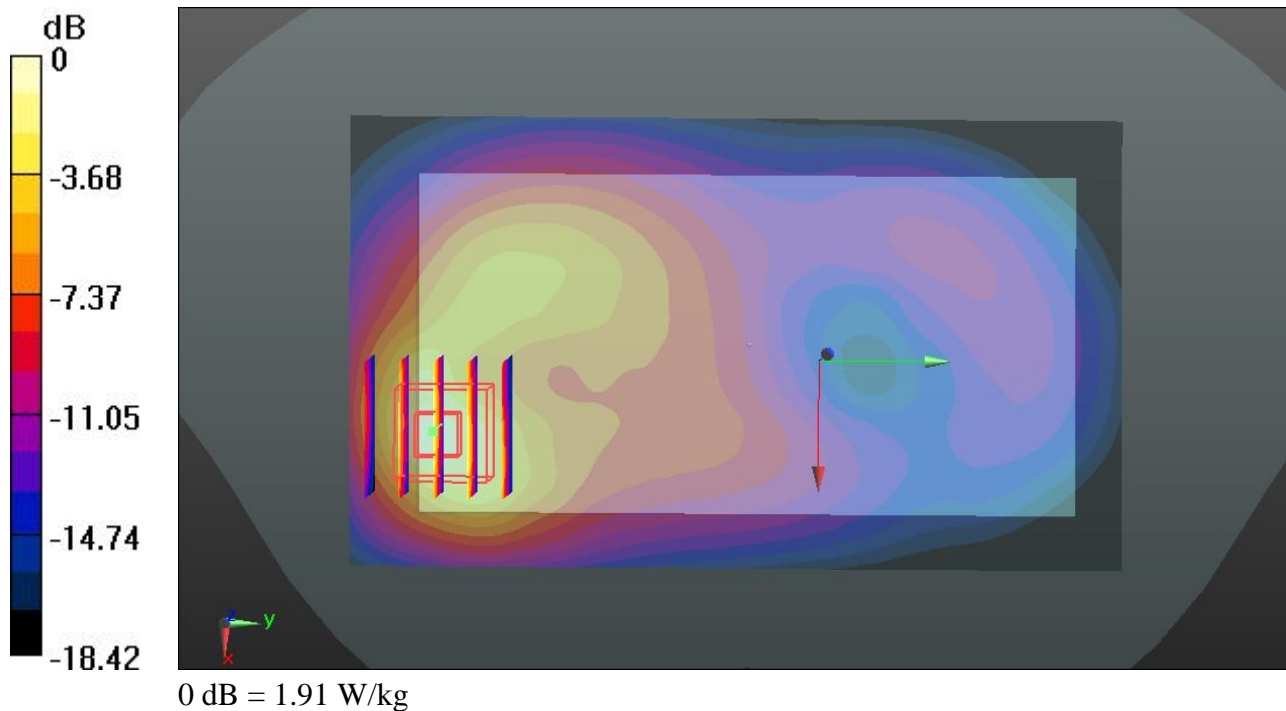
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.774 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.371 mW/g

**SAR(1 g) = 1.200 mW/g; SAR(10 g) = 0.609 mW/g**

Maximum value of SAR (measured) = 1.91 W/kg



## #63 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9262\_Headset

**DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.506$  mho/m;  $\epsilon_r =$ 52.067;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

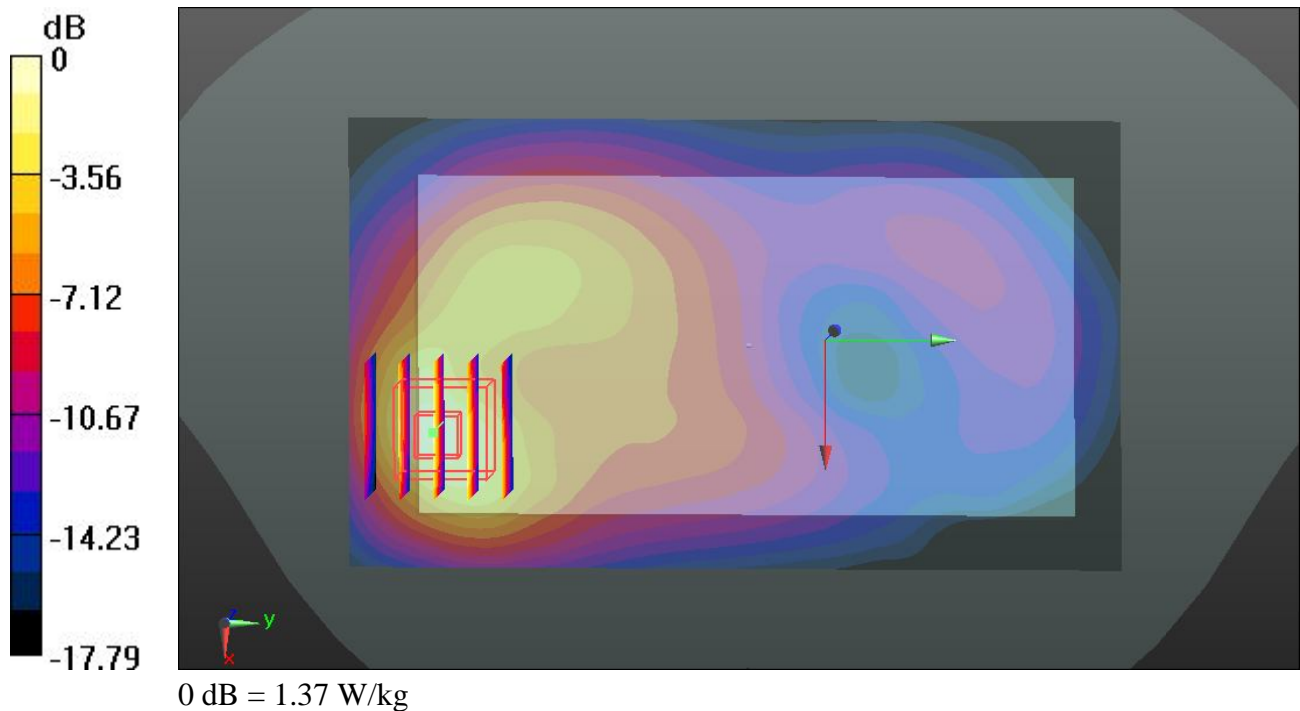
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.812 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.681 mW/g

**SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.501 mW/g**

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



**#64 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9538\_Headset****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.579$  mho/m;  $\epsilon_r =$  $51.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

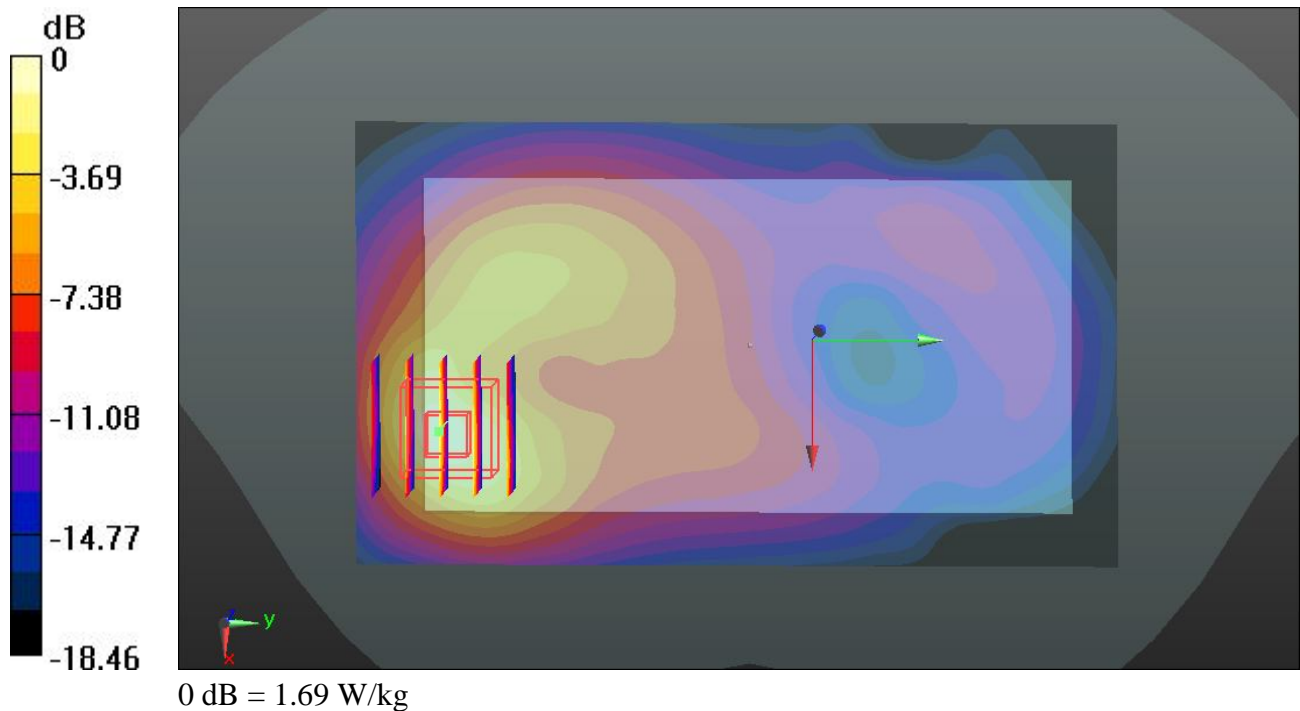
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.384 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.114 mW/g

**SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.614 mW/g**

Maximum value of SAR (measured) = 1.69 W/kg





**#51 WCDMA Band II\_RMC 12.2K\_Back\_0cm\_Ch9400\_Hand SAR****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r =$ 51.947;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 9.82 W/kg

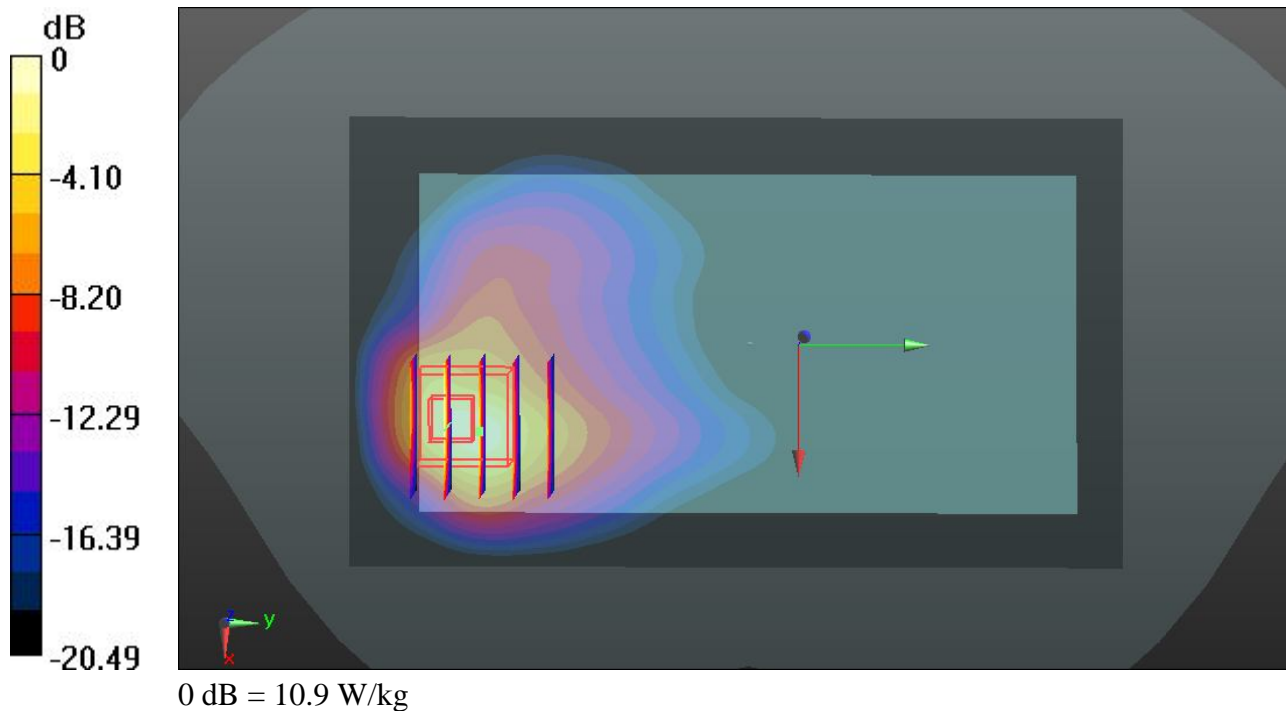
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.338 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 16.430 mW/g

**SAR(1 g) = 7.26 mW/g; SAR(10 g) = 3.17 mW/g**

Maximum value of SAR (measured) = 10.9 W/kg





**#52 WCDMA Band II\_RMC 12.2K\_Back\_0cm\_Ch9262\_Hand SAR****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.506$  mho/m;  $\epsilon_r =$ 52.067;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 8.81 W/kg

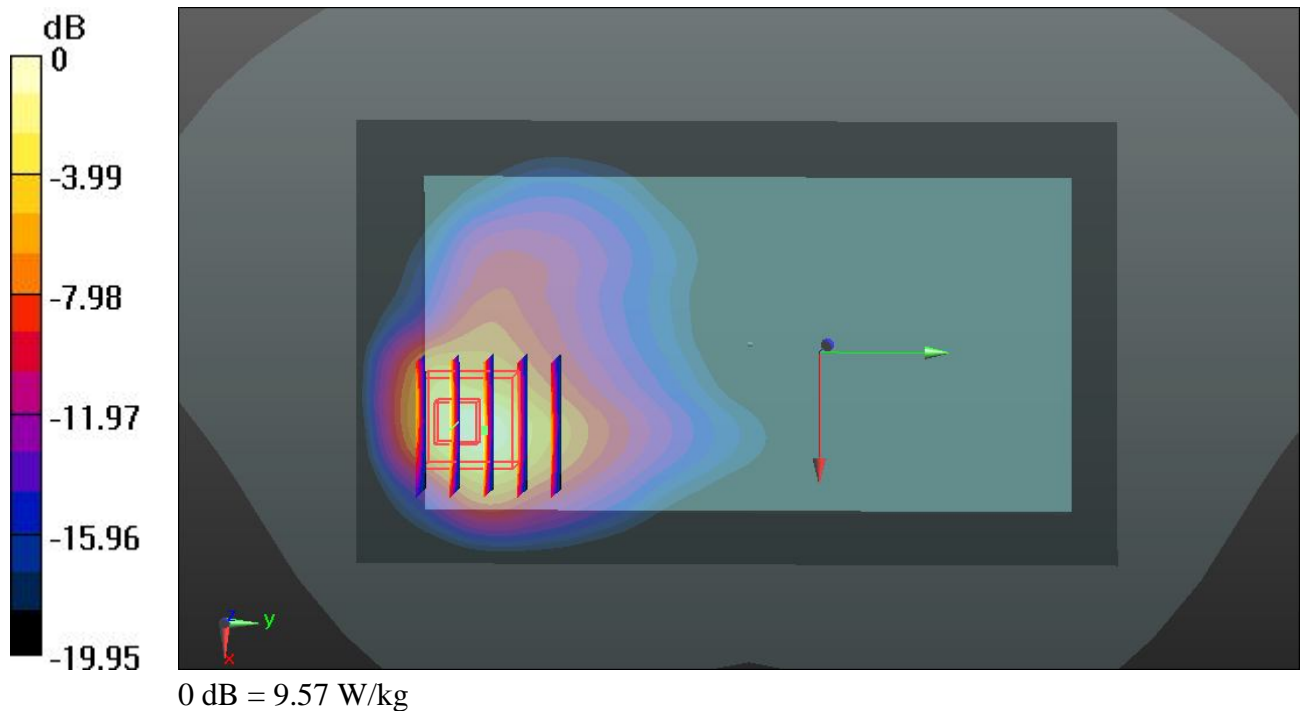
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.045 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 14.360 mW/g

**SAR(1 g) = 6.38 mW/g; SAR(10 g) = 2.83 mW/g**

Maximum value of SAR (measured) = 9.57 W/kg



**#53 WCDMA Band II\_RMC 12.2K\_Back\_0cm\_Ch9538\_Hand SAR****DUT: 372905**

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

Medium: MSL\_1900\_130806 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.579$  mho/m;  $\epsilon_r =$  $51.777$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 9.09 W/kg

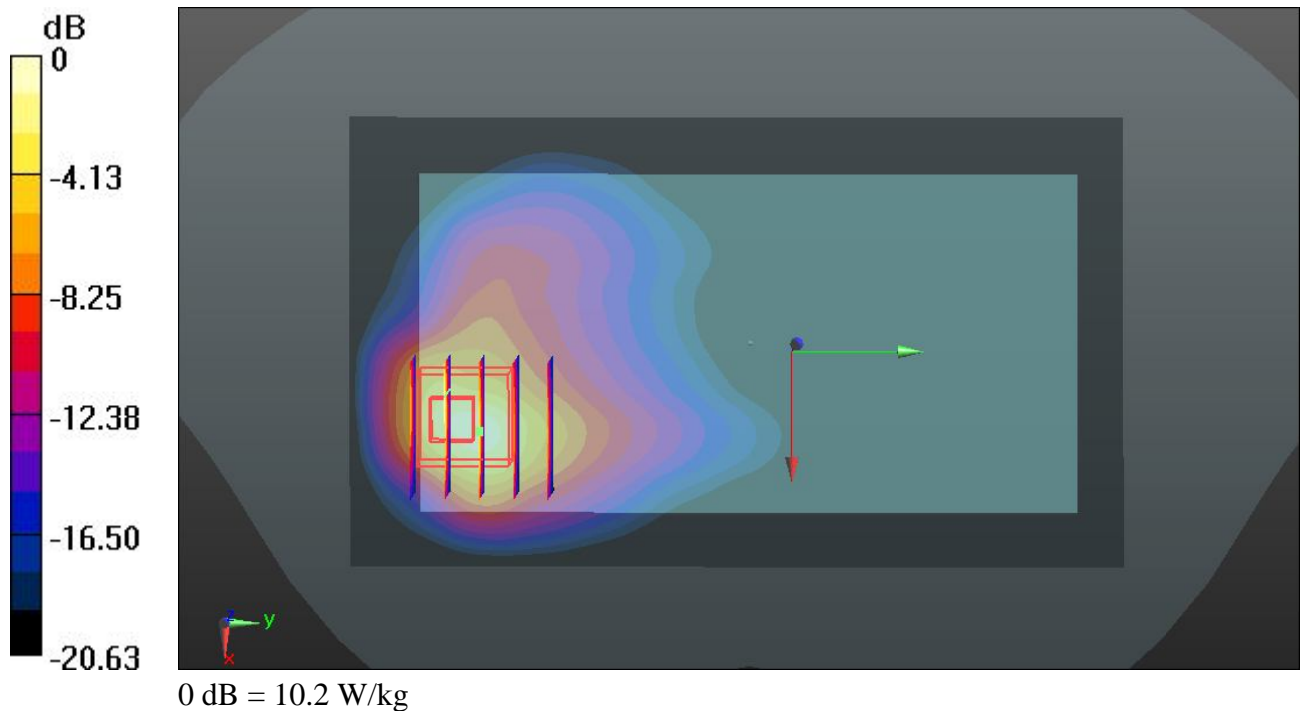
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.863 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 15.068 mW/g

**SAR(1 g) = 6.69 mW/g; SAR(10 g) = 2.89 mW/g**

Maximum value of SAR (measured) = 10.2 W/kg



## #105 WLAN 2.4GHz\_802.11b\_Front\_1cm\_Ch11

**DUT: 372905**

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

Medium: MSL\_2450\_130803 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$ 51.623;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0654 W/kg

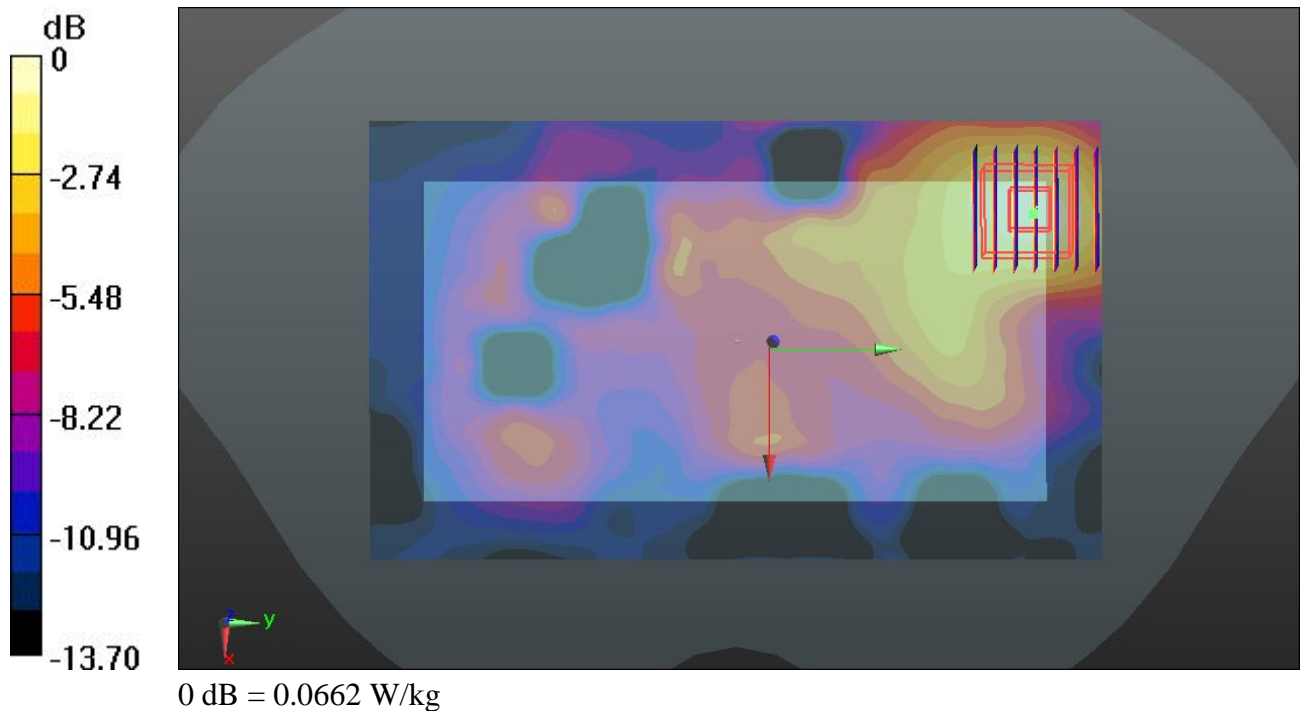
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.794 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.090 mW/g

**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.0662 W/kg



**#106 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch11****DUT: 372905**

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

Medium: MSL\_2450\_130803 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$ 51.623;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.456 W/kg

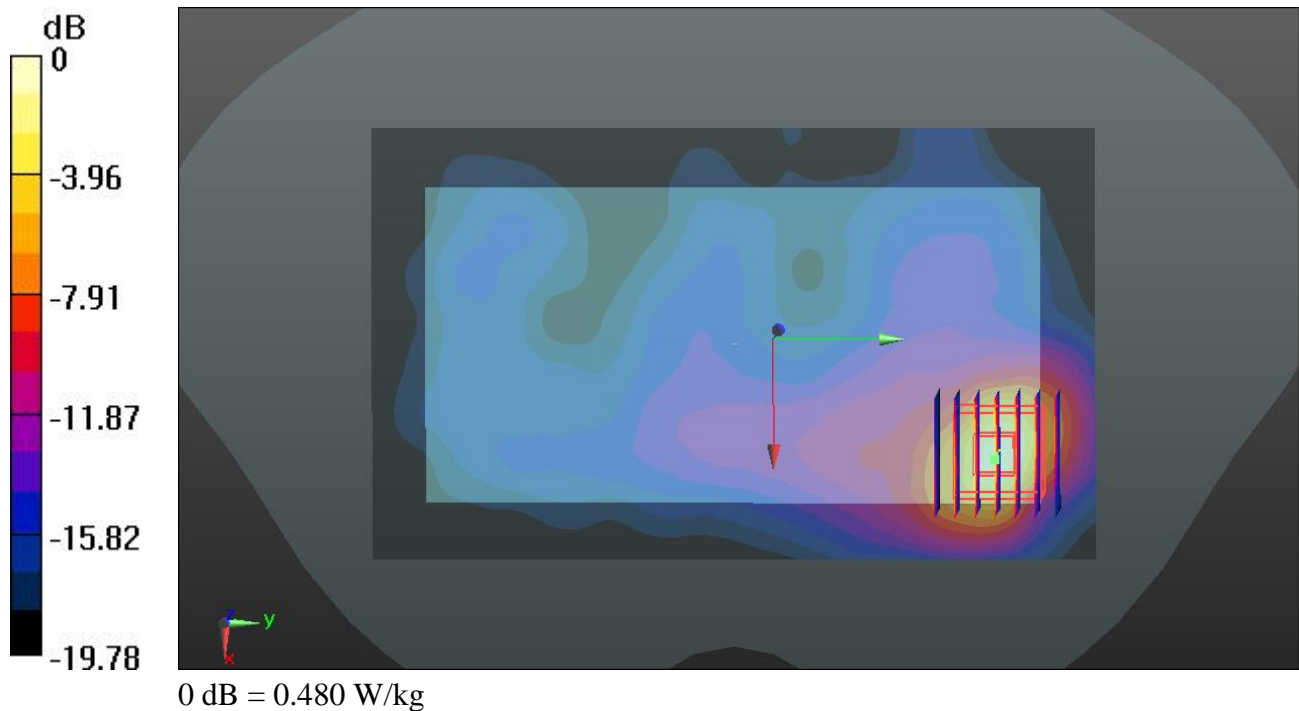
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.805 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.683 mW/g

**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.480 W/kg



## #107 WLAN 2.4GHz\_802.11b\_Top Side\_1cm\_Ch11

**DUT: 372905**

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

Medium: MSL\_2450\_130803 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$ 51.623;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (51x101x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.111 W/kg

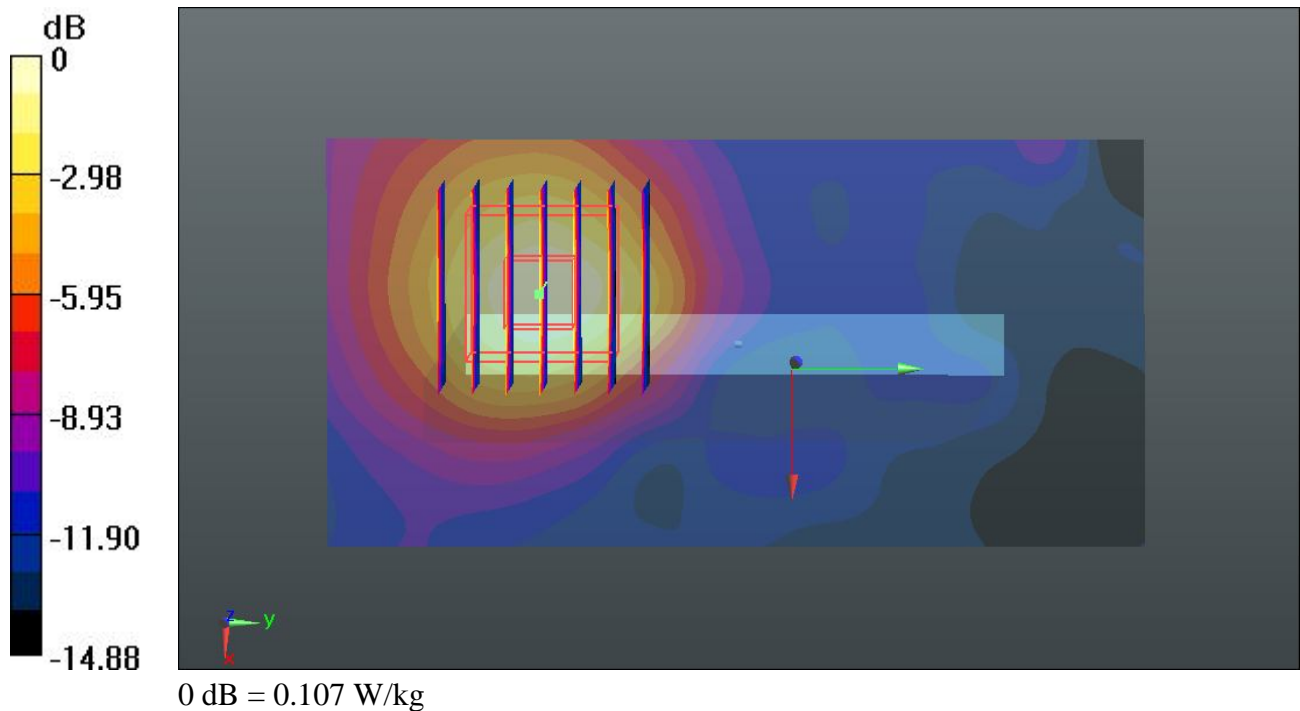
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.481 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.145 mW/g

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.037 mW/g**

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



## #108 WLAN 2.4GHz\_802.11b\_Left Side\_1cm\_Ch11

**DUT: 372905**

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

Medium: MSL\_2450\_130803 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$ 51.623;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (51x161x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0582 W/kg

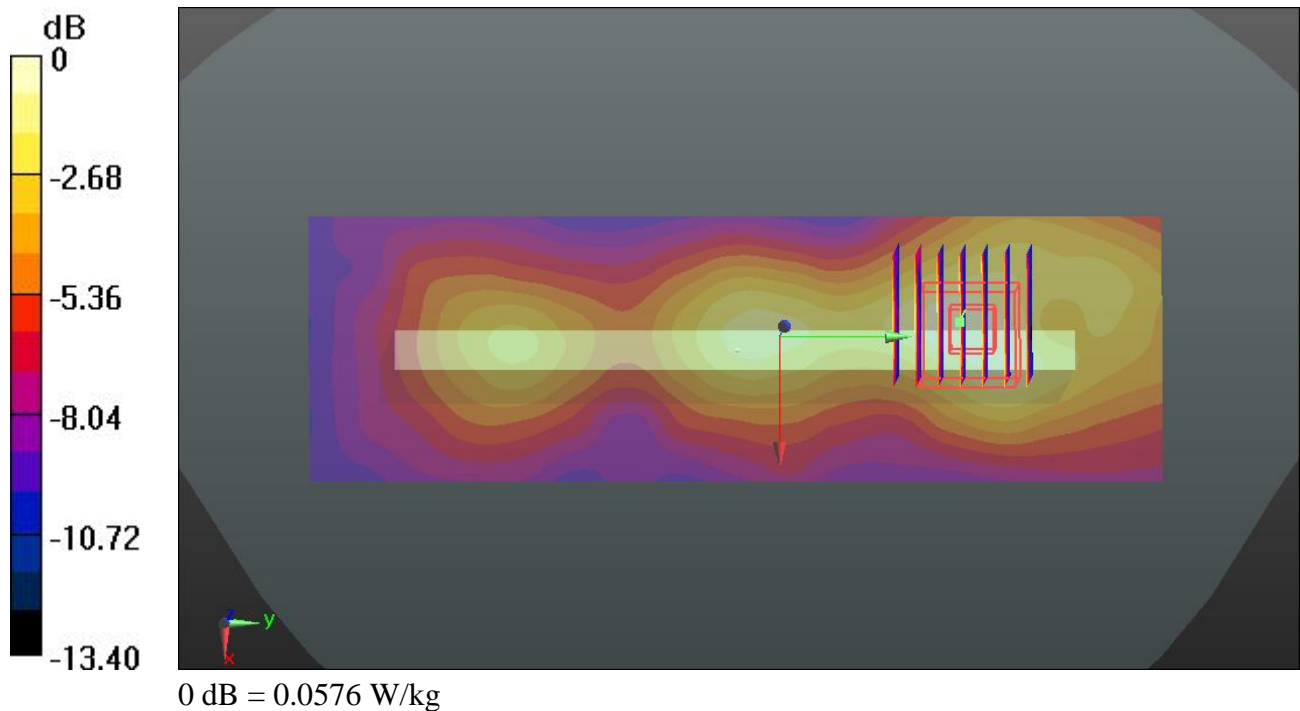
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.737 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.180 mW/g

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.0576 W/kg



**#109 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch11\_Headset****DUT: 372905**

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

Medium: MSL\_2450\_130803 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$  $51.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

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

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

Reference Value = 8.341 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.231 mW/g

**SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.165 W/kg

