

**117\_CDMA2000 BC0\_RTAP 153.6\_Front\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.379$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.543 W/kg

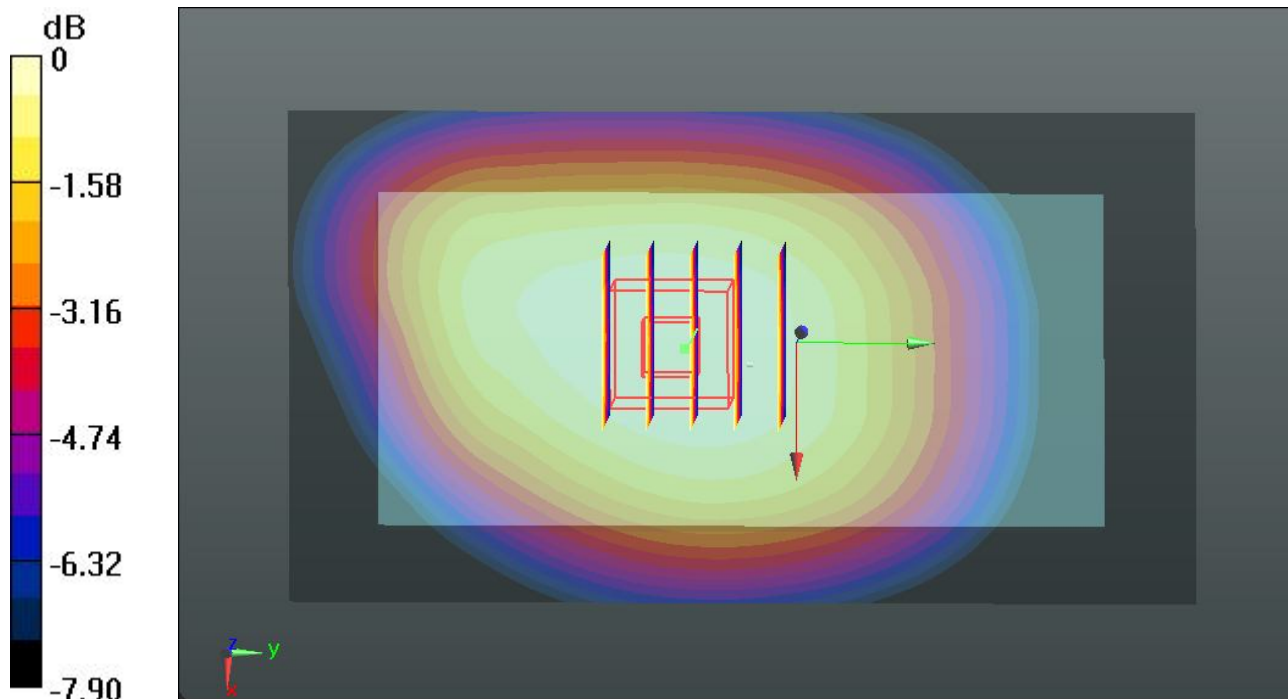
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.119 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.589 mW/g

**SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.366 mW/g**

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.539 W/kg

**118\_CDMA2000 BC0\_RTAP 153.6\_Back\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.223 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.081 mW/g

**SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.589 mW/g**

Maximum value of SAR (measured) = 0.946 W/kg

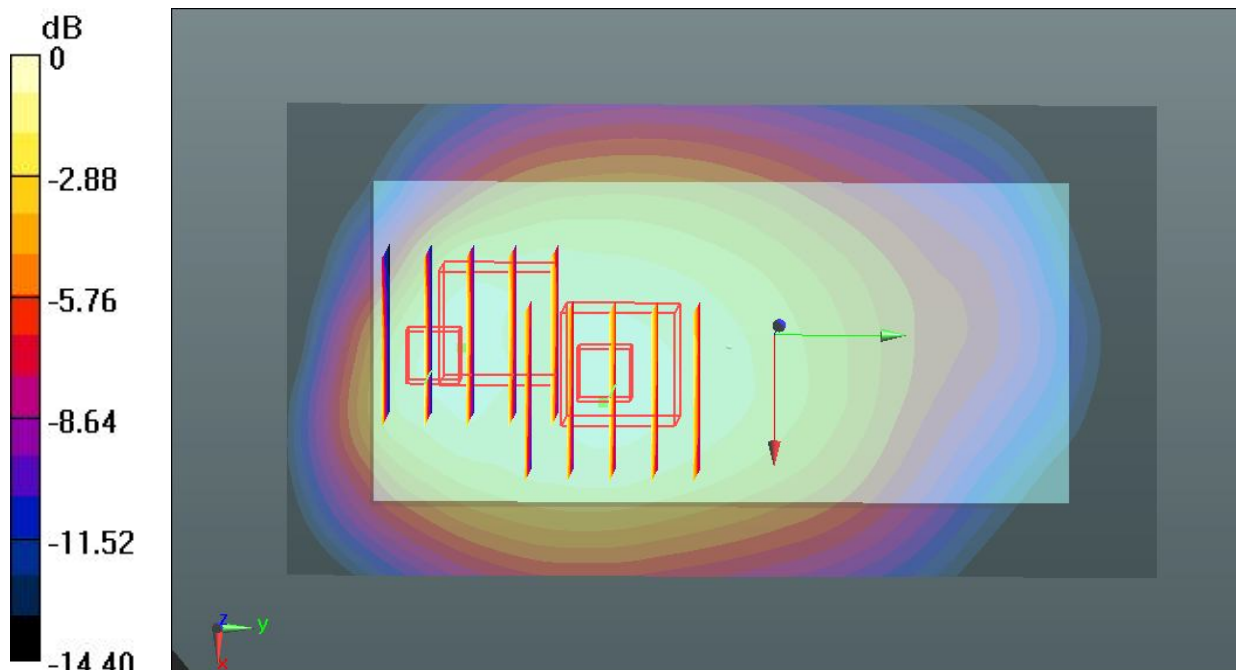
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.223 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.288 mW/g

**SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.498 mW/g**

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



0 dB = 1.04 W/kg

**119\_CDMA2000 BC0\_RTAP 153.6\_Left Side\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.379$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

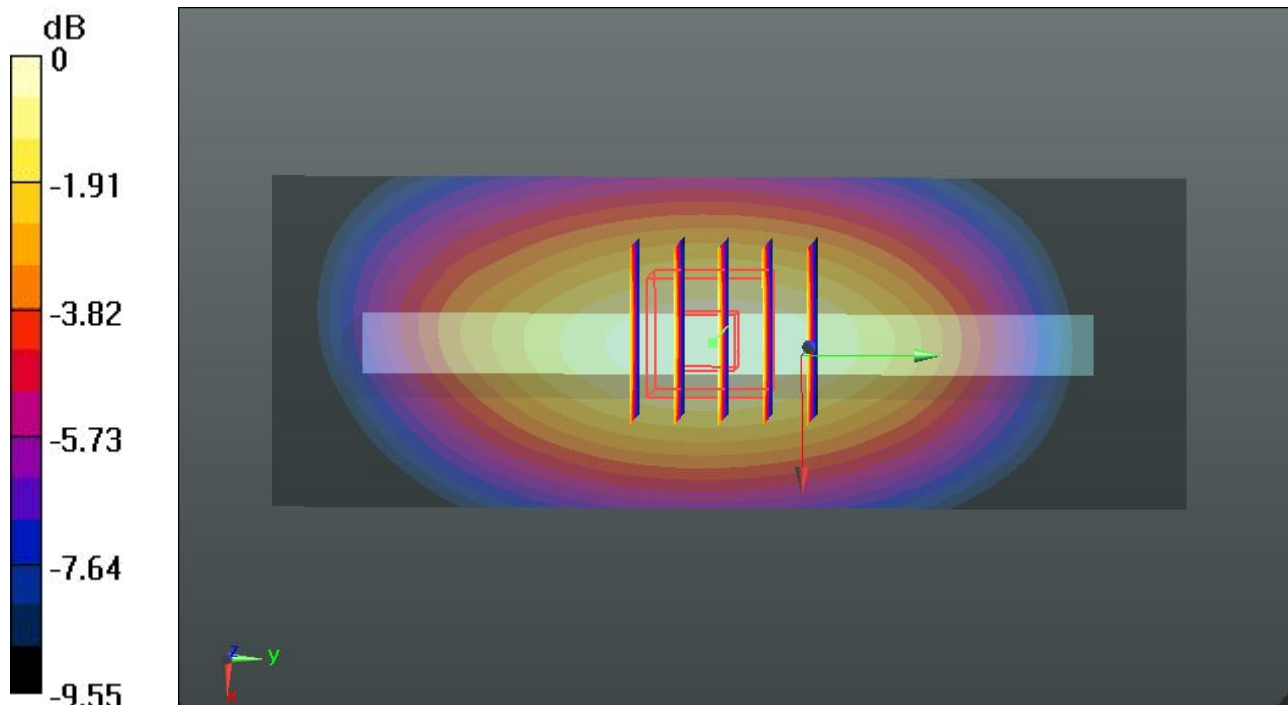
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.928 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.884 mW/g

**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.431 mW/g**

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



0 dB = 0.769 W/kg

**120\_CDMA2000 BC0\_RTAP 153.6\_Right Side\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.379$ ;

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

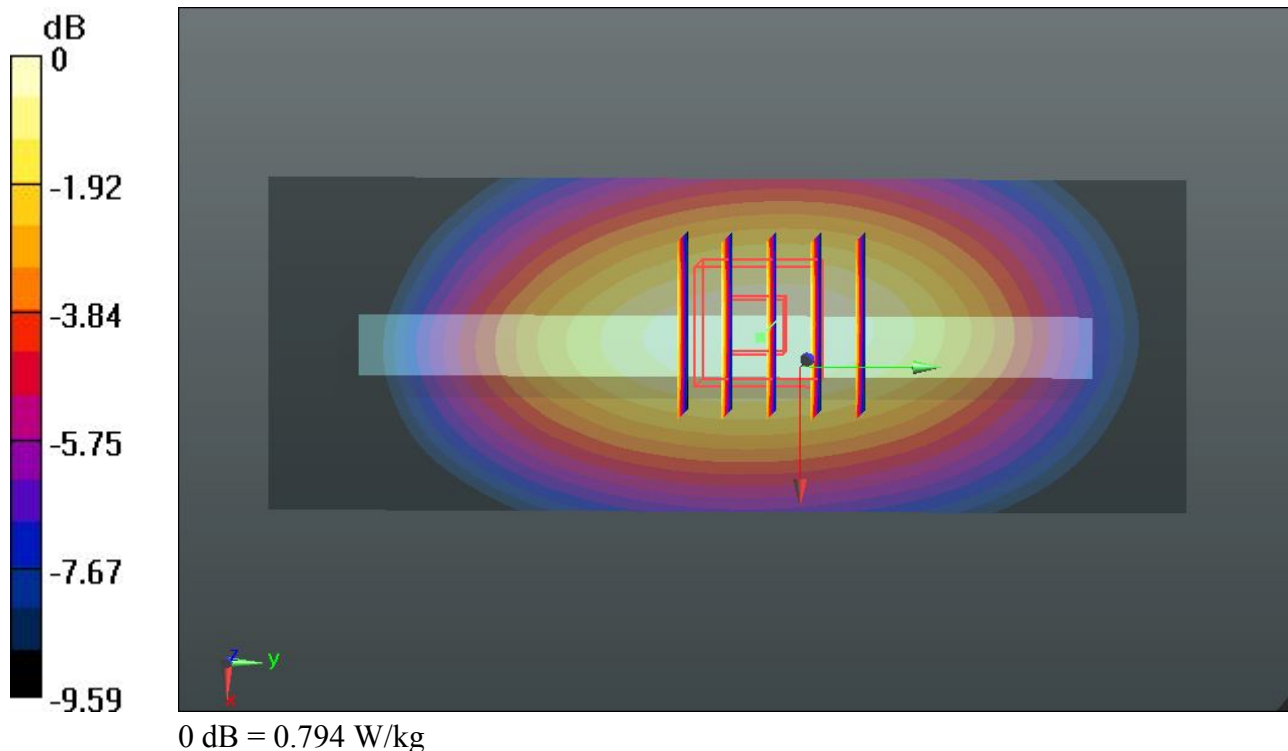
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.178 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.916 mW/g

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.794 W/kg



**121\_CDMA2000 BC0\_RTAP 153.6\_Bottom Side\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.202 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.635 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.251 mW/g

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.083 mW/g**

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

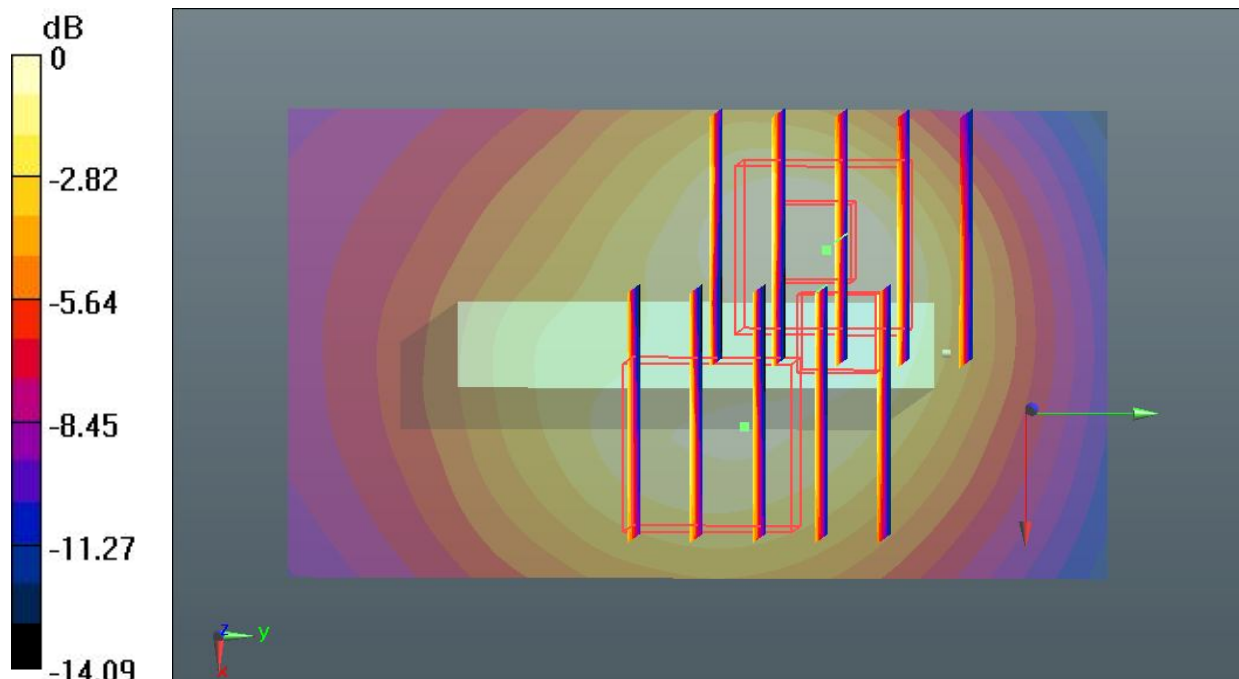
**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.635 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.246 mW/g

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.072 mW/g**

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



0 dB = 0.183 W/kg

**122\_CDMA2000 BC0\_RTAP 153.6\_Back\_1cm\_Ch1013**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_130116 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.968 \text{ mho/m}$ ;  $\epsilon_r = 54.466$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

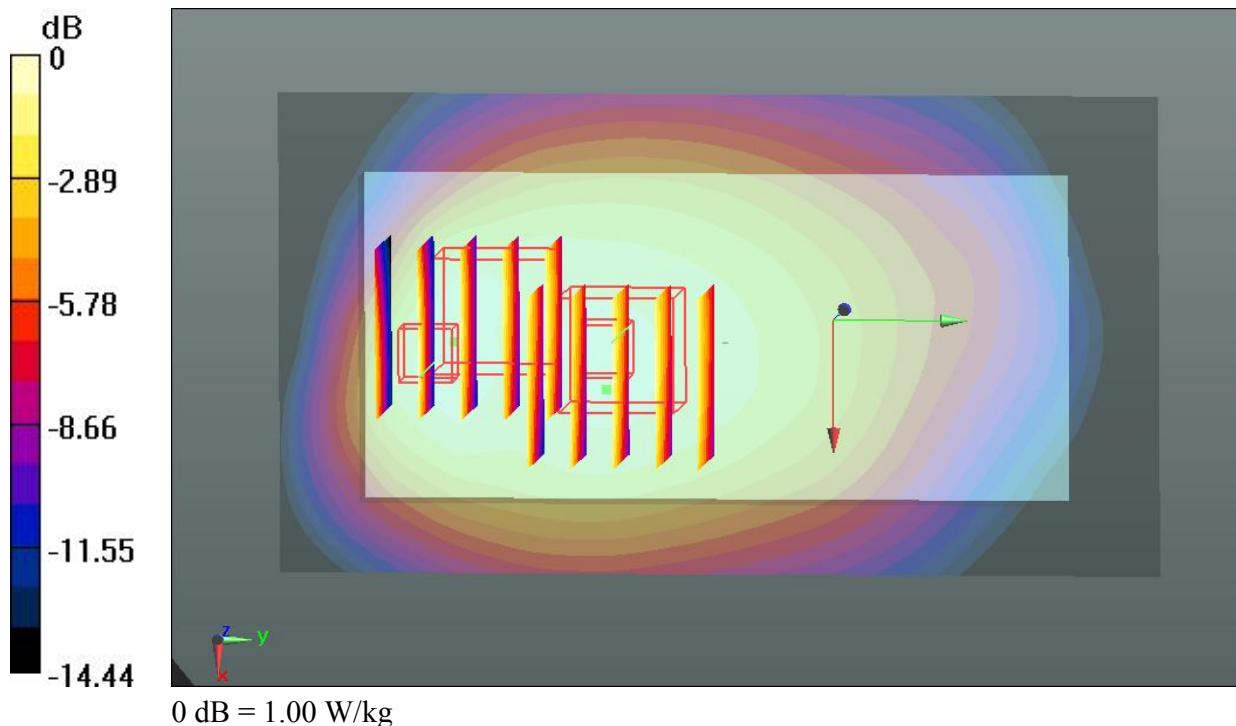
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1013/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $1.04 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $30.182 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.003 \text{ mW/g}$   
**SAR(1 g) =  $0.759 \text{ mW/g}$ ; SAR(10 g) =  $0.559 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.882 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $30.182 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.248 \text{ mW/g}$   
**SAR(1 g) =  $0.727 \text{ mW/g}$ ; SAR(10 g) =  $0.482 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $1.00 \text{ W/kg}$





**123\_CDMA2000 BC0\_RTAP 153.6\_Back\_1cm\_Ch777**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.989 \text{ mho/m}$ ;  $\epsilon_r = 54.284$ ;

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

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch777/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.06 \text{ W/kg}$

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.708 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.203 \text{ mW/g}$

**SAR(1 g) =  $0.910 \text{ mW/g}$ ; SAR(10 g) =  $0.672 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.06 \text{ W/kg}$

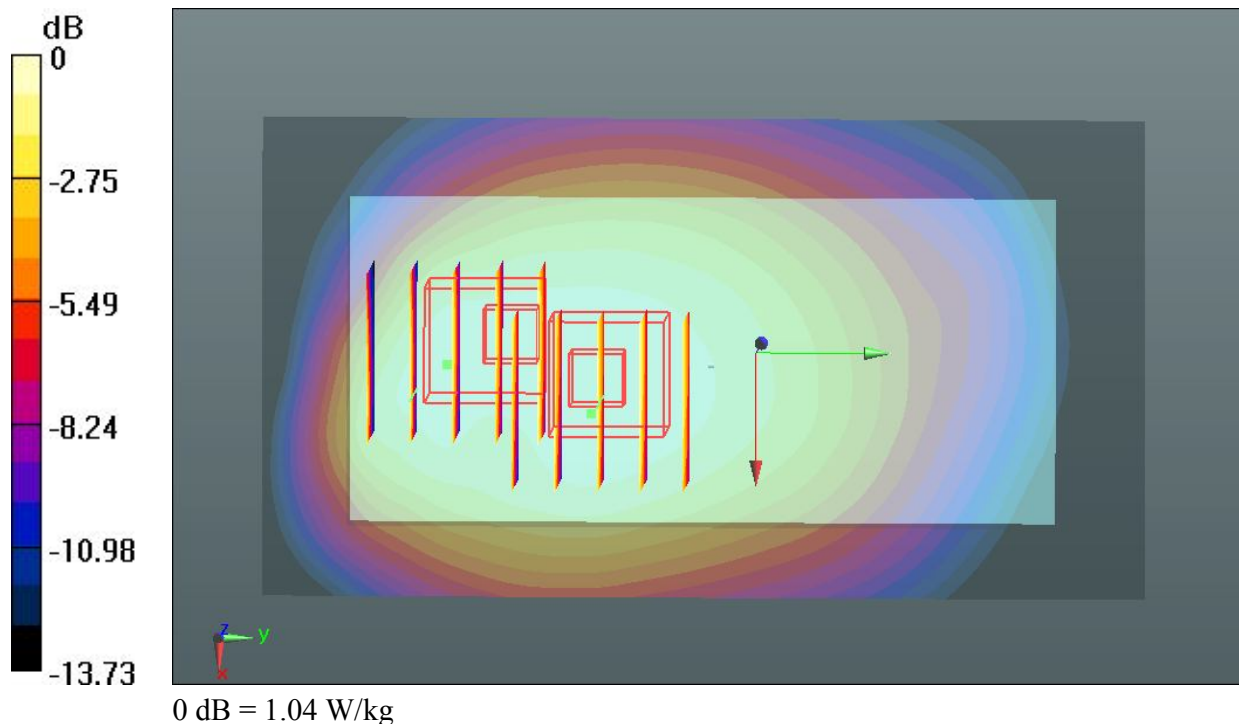
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.708 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.263 \text{ mW/g}$

**SAR(1 g) =  $0.787 \text{ mW/g}$ ; SAR(10 g) =  $0.549 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.04 \text{ W/kg}$



### 124\_CDMA2000 BC0\_RC3 SO32\_Front\_1cm\_Ch777

#### DUT: 311602

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_130116 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.989 \text{ mho/m}$ ;  $\epsilon_r = 54.284$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch777/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

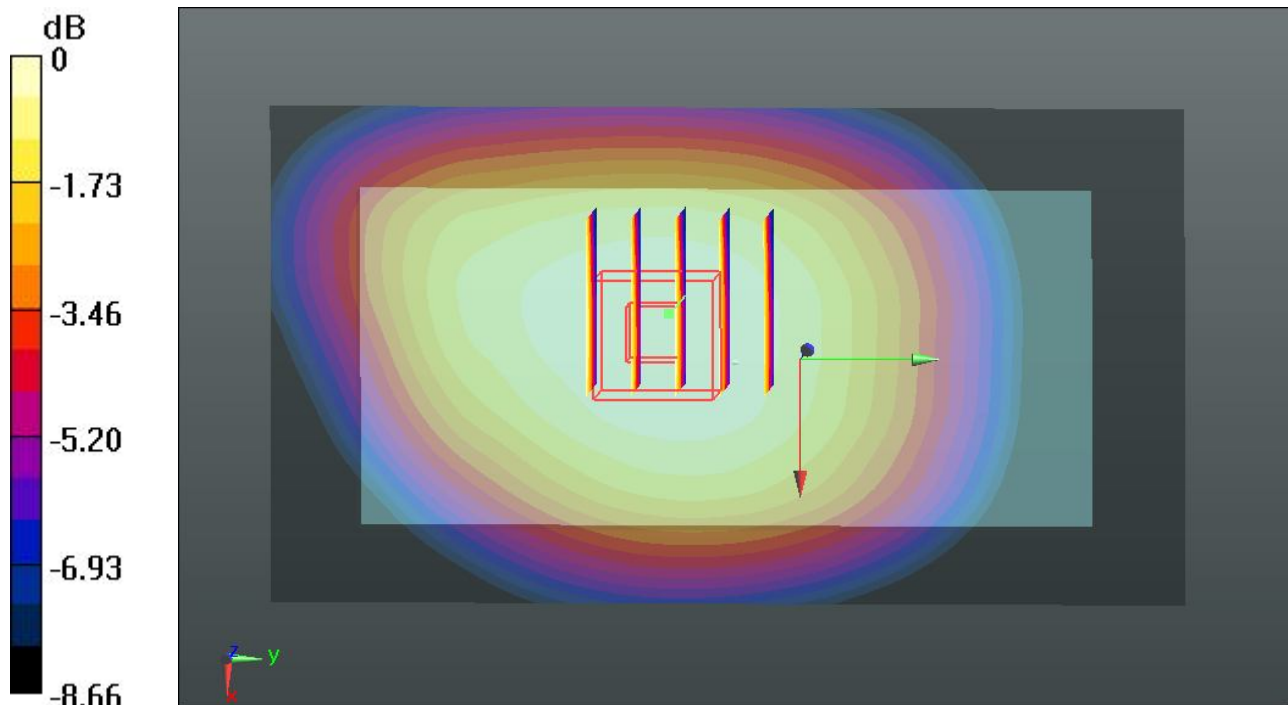
#### Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.011 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.804 mW/g

**SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.496 mW/g**

Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg



**125\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch777**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_130116 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 54.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch777/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.395 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.263 mW/g

**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.709 mW/g**

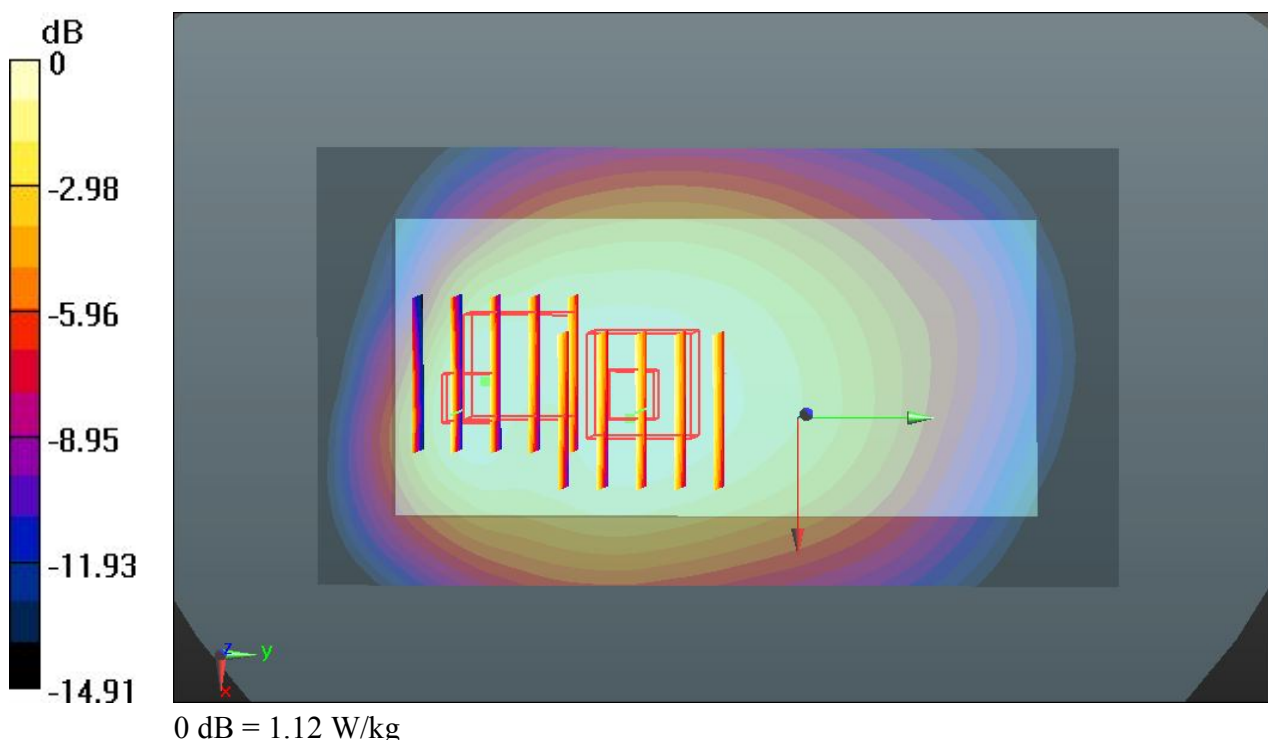
Maximum value of SAR (measured) = 1.12 W/kg

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.395 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.424 mW/g

**SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.562 mW/g**



## 125\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch777\_2D

### DUT: 311602

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch777/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.395 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.263 mW/g

**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.709 mW/g**

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

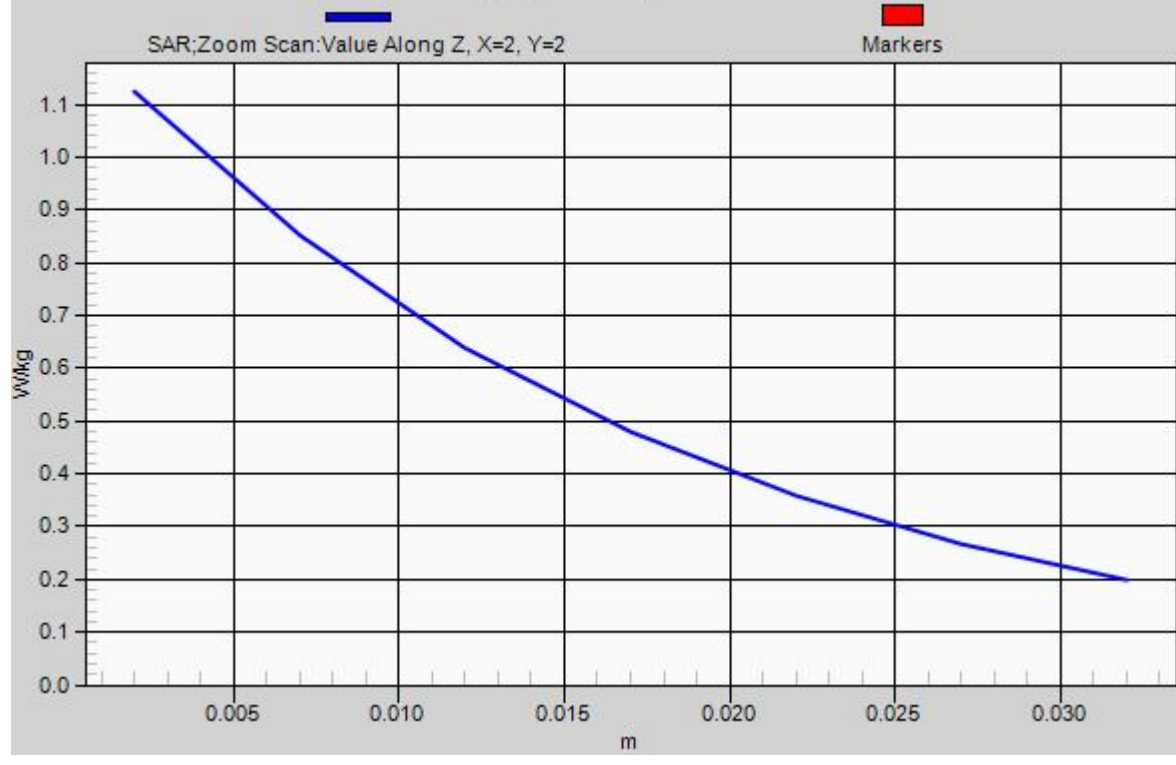
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.395 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.424 mW/g

**SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.562 mW/g**

# 1g/10g Averaged SAR



**131\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch777\_Repeat SAR**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 54.284$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch777/Area Scan (61x111x1):** Interpolated grid: dx=15 mm, dy=15mm

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

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.494 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.252 mW/g

**SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.708 mW/g**

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

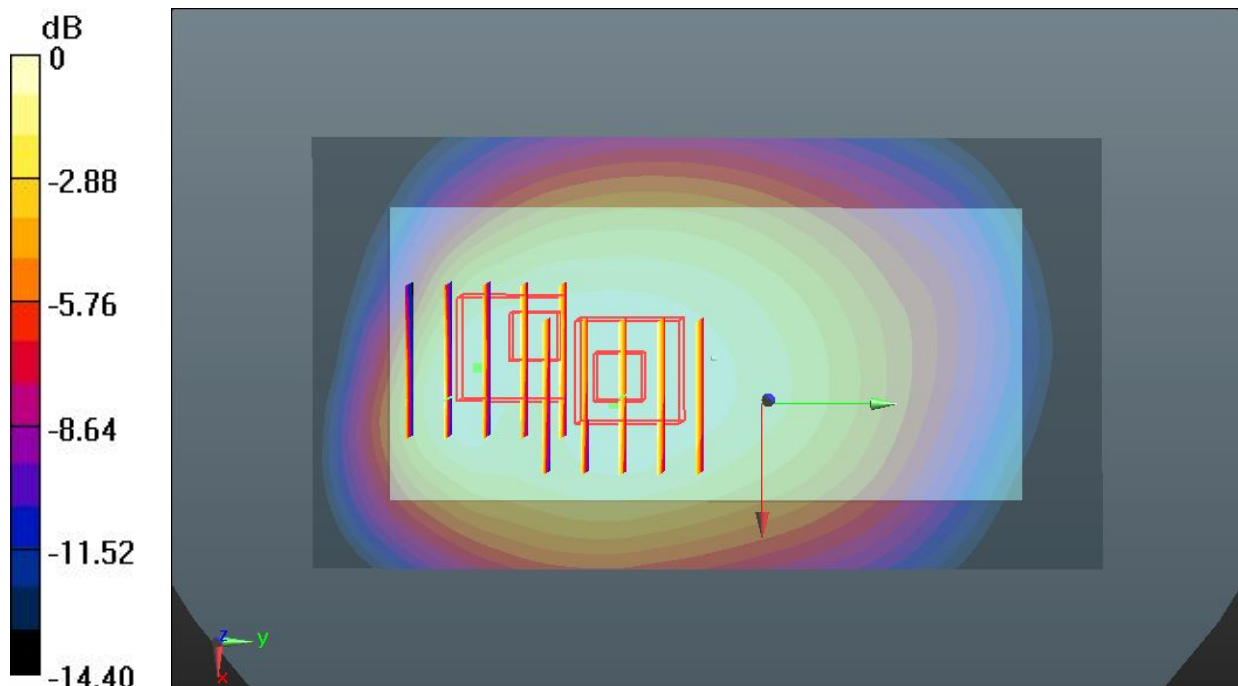
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.494 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.339 mW/g

**SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.561 mW/g**

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



0 dB = 1.08 W/kg = 0.67 dB W/kg

**126\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch1013**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_130116 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.968 \text{ mho/m}$ ;  $\epsilon_r = 54.466$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

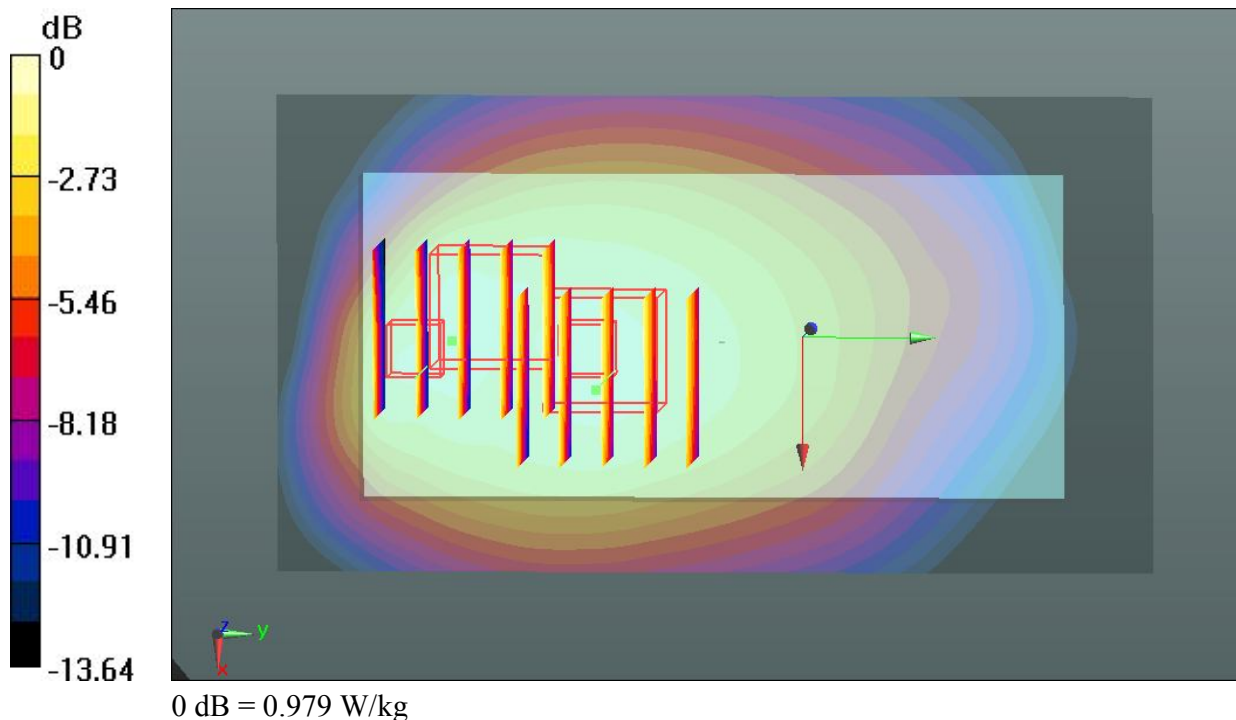
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1013/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.936 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $28.714 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.006 \text{ mW/g}$   
**SAR(1 g) =  $0.759 \text{ mW/g}$ ; SAR(10 g) =  $0.560 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.878 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $28.714 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.210 \text{ mW/g}$   
**SAR(1 g) =  $0.723 \text{ mW/g}$ ; SAR(10 g) =  $0.493 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.979 \text{ W/kg}$



**127\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  mho/m;  $\epsilon_r = 54.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.925 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.366 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.007 mW/g

**SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.555 mW/g**

Maximum value of SAR (measured) = 0.879 W/kg

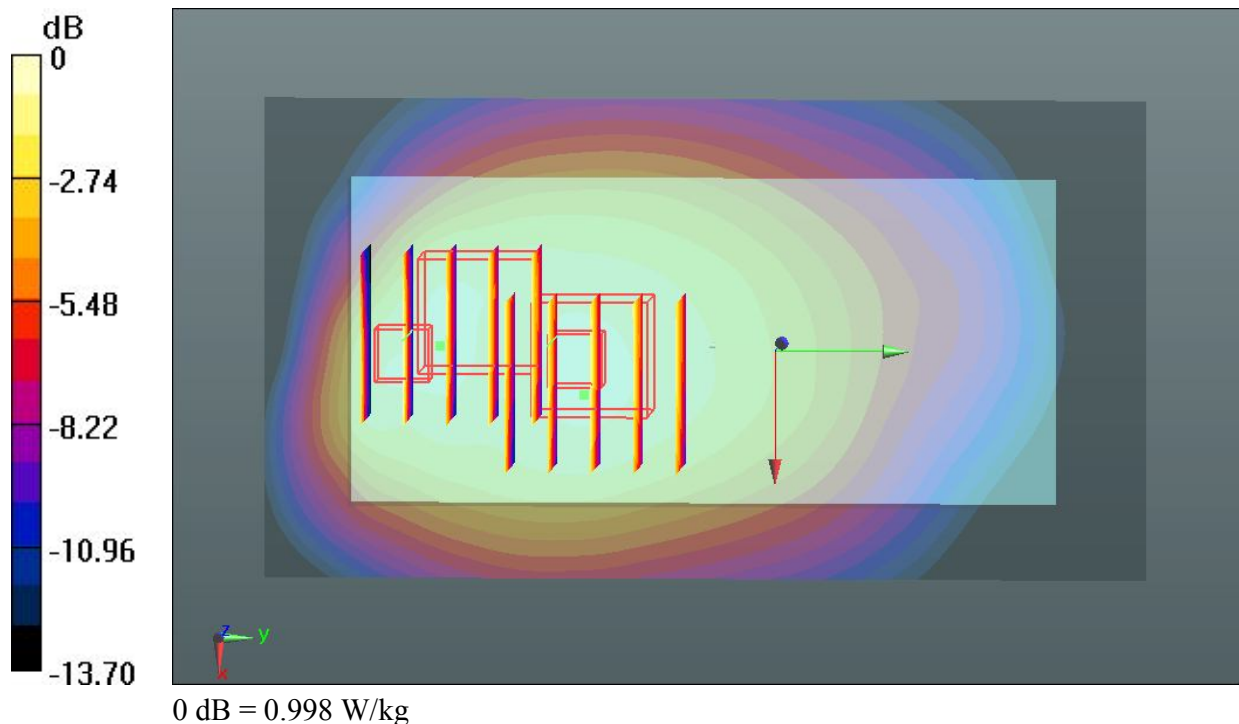
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.366 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.229 mW/g

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 0.998 W/kg





**169\_CDMA2000 BC0\_RTEAP 4096\_Back\_1cm\_Ch777**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130202 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.992$  mho/m;  $\epsilon_r = 54.807$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch777/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.497 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.118 mW/g

**SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.616 mW/g**

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

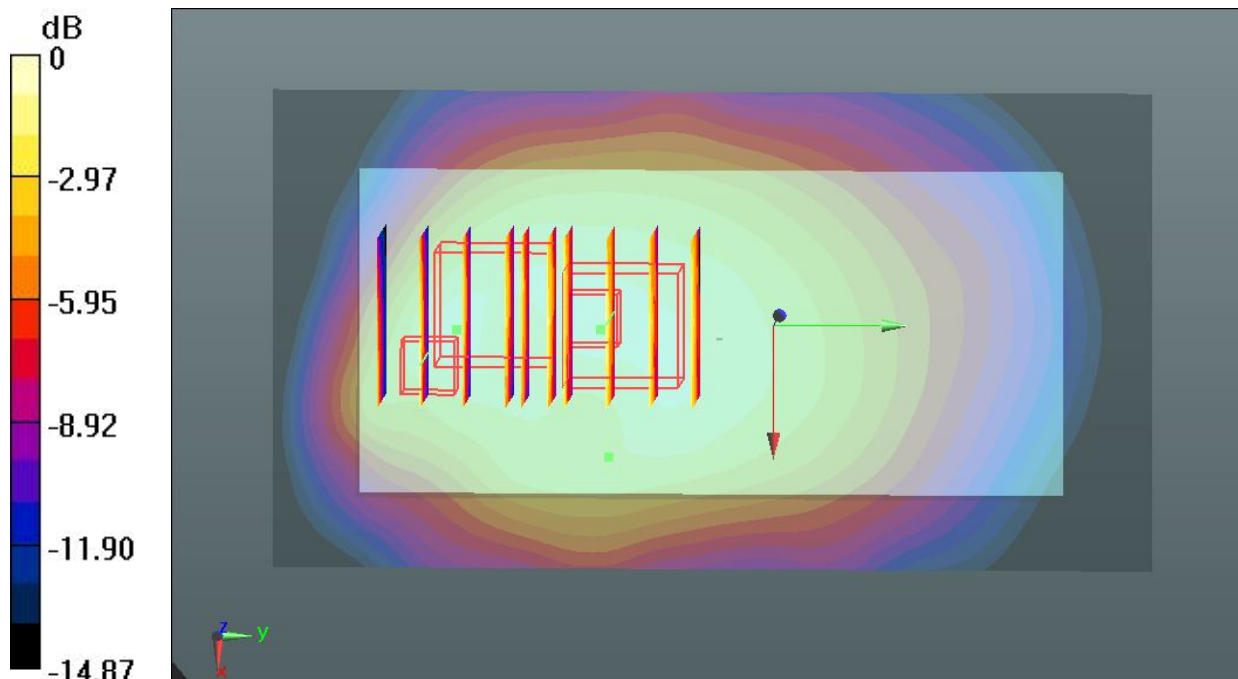
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.497 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.405 mW/g

**SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.515 mW/g**

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



0 dB = 1.20 W/kg

**170\_CDMA2000 BC0 RTEAP 4096\_Back\_1cm\_Ch1013**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_130202 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.966 \text{ mho/m}$ ;  $\epsilon_r = 55.037$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

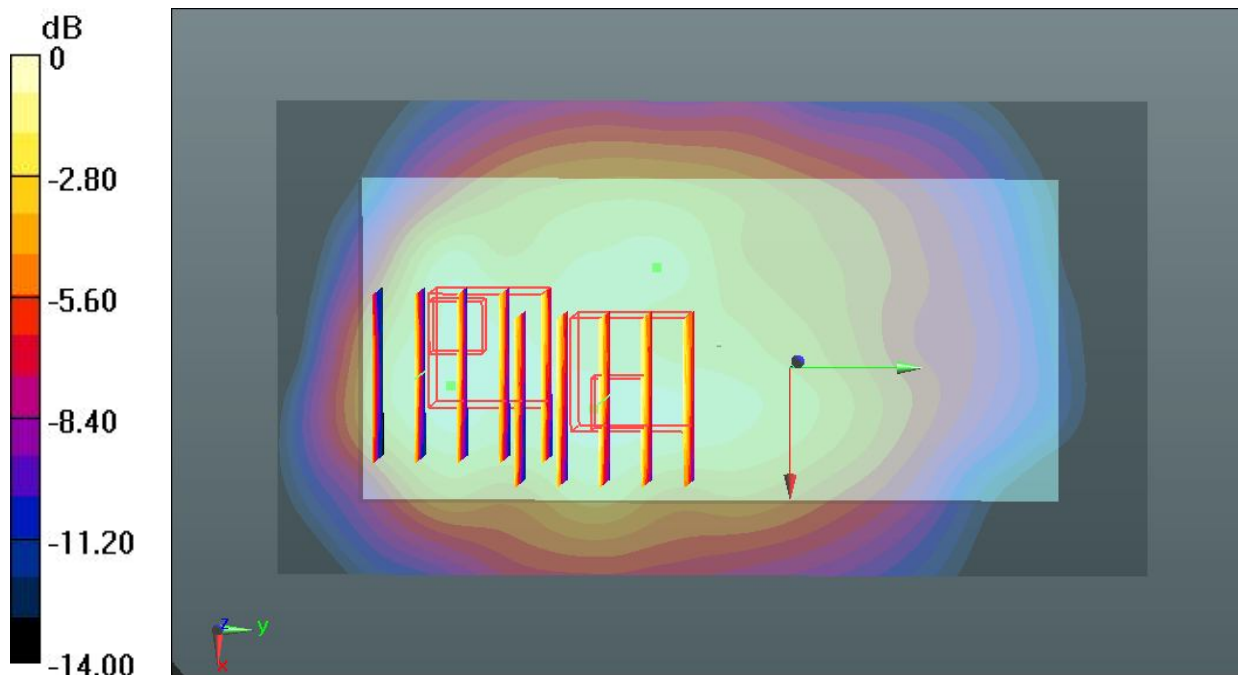
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1013/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.823 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $29.520 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.912 \text{ mW/g}$   
**SAR(1 g) =  $0.670 \text{ mW/g}$ ; SAR(10 g) =  $0.481 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.825 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $29.520 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.957 \text{ mW/g}$   
**SAR(1 g) =  $0.623 \text{ mW/g}$ ; SAR(10 g) =  $0.420 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.843 \text{ W/kg}$



0 dB =  $0.843 \text{ W/kg}$

**171\_CDMA2000 BC0 RTEAP 4096\_Back\_1cm\_Ch384**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130202 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.979 \text{ mho/m}$ ;  $\epsilon_r = 54.906$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.351 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.230 mW/g

**SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.560 mW/g**

Maximum value of SAR (measured) = 0.929 W/kg

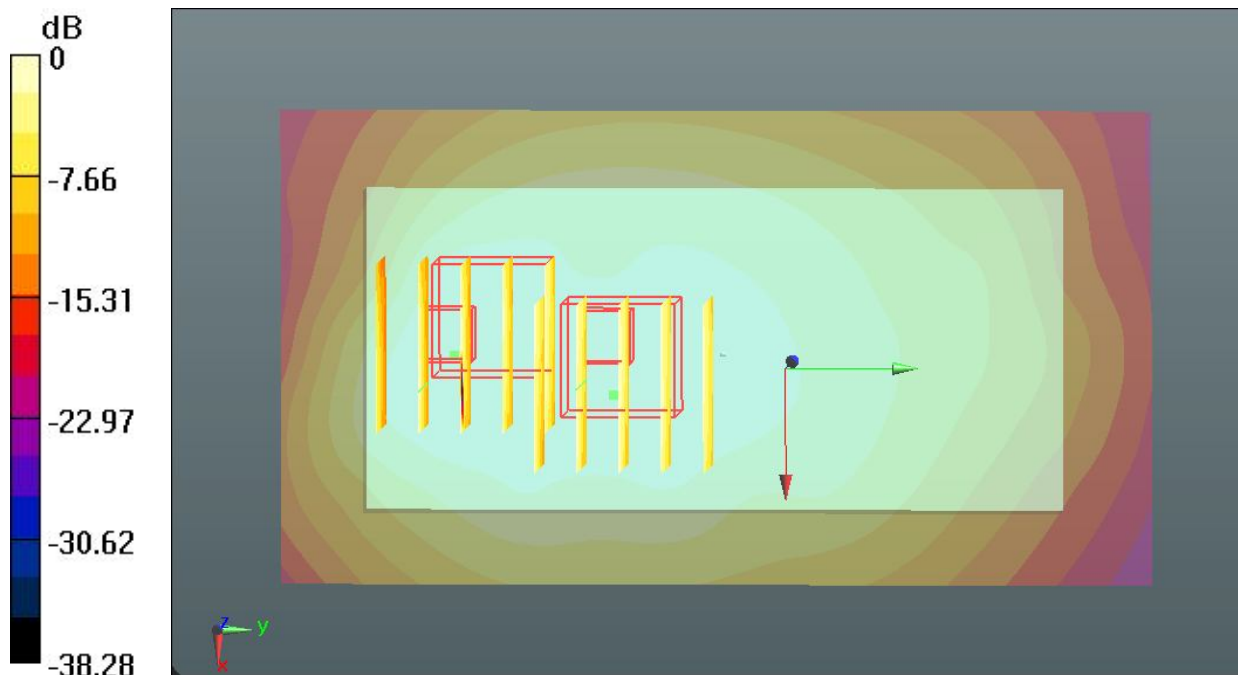
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.351 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.523 mW/g

**SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.465 mW/g**

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



0 dB = 1.04 W/kg

**128\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch777\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.989 \text{ mho/m}$ ;  $\epsilon_r = 54.284$ ;

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

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch777/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.04 \text{ W/kg}$

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.091 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $1.107 \text{ mW/g}$

**SAR(1 g) =  $0.805 \text{ mW/g}$ ; SAR(10 g) =  $0.576 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.957 \text{ W/kg}$

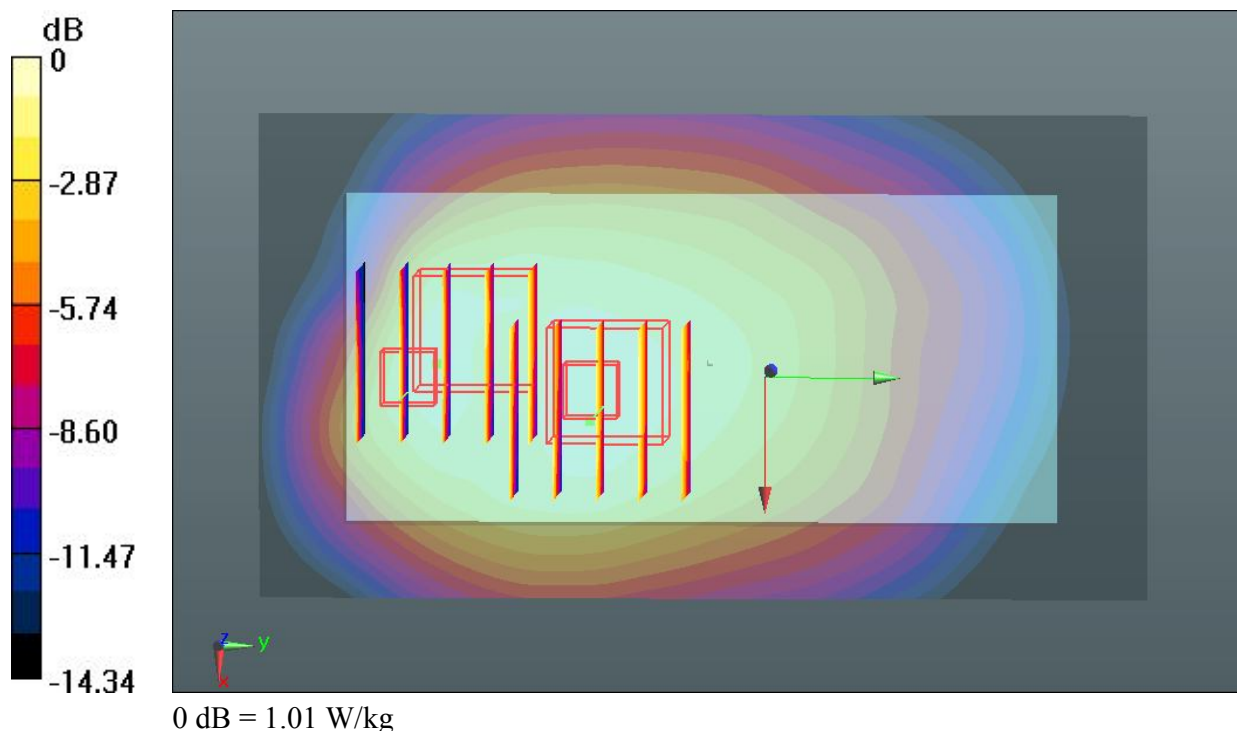
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.091 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $1.265 \text{ mW/g}$

**SAR(1 g) =  $0.706 \text{ mW/g}$ ; SAR(10 g) =  $0.443 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.01 \text{ W/kg}$



**129\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch1013\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_130116 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.968 \text{ mho/m}$ ;  $\epsilon_r = 54.466$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

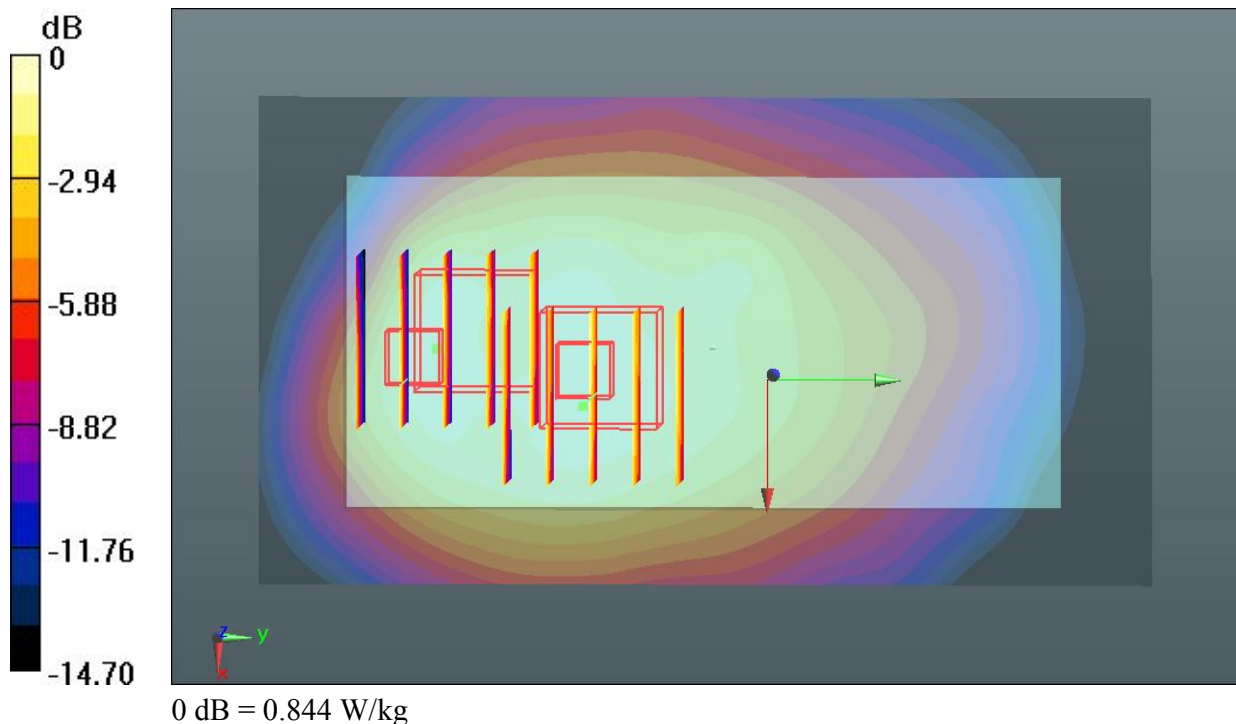
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1013/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.918 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $28.157 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.040 \text{ mW/g}$   
**SAR(1 g) =  $0.729 \text{ mW/g}$ ; SAR(10 g) =  $0.508 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.897 \text{ W/kg}$

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $28.157 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.069 \text{ mW/g}$   
**SAR(1 g) =  $0.616 \text{ mW/g}$ ; SAR(10 g) =  $0.401 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.844 \text{ W/kg}$





**130\_CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch384\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130116 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.979 \text{ mho/m}$ ;  $\epsilon_r = 54.379$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch384/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.946 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.435 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.009 mW/g

**SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.531 mW/g**

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

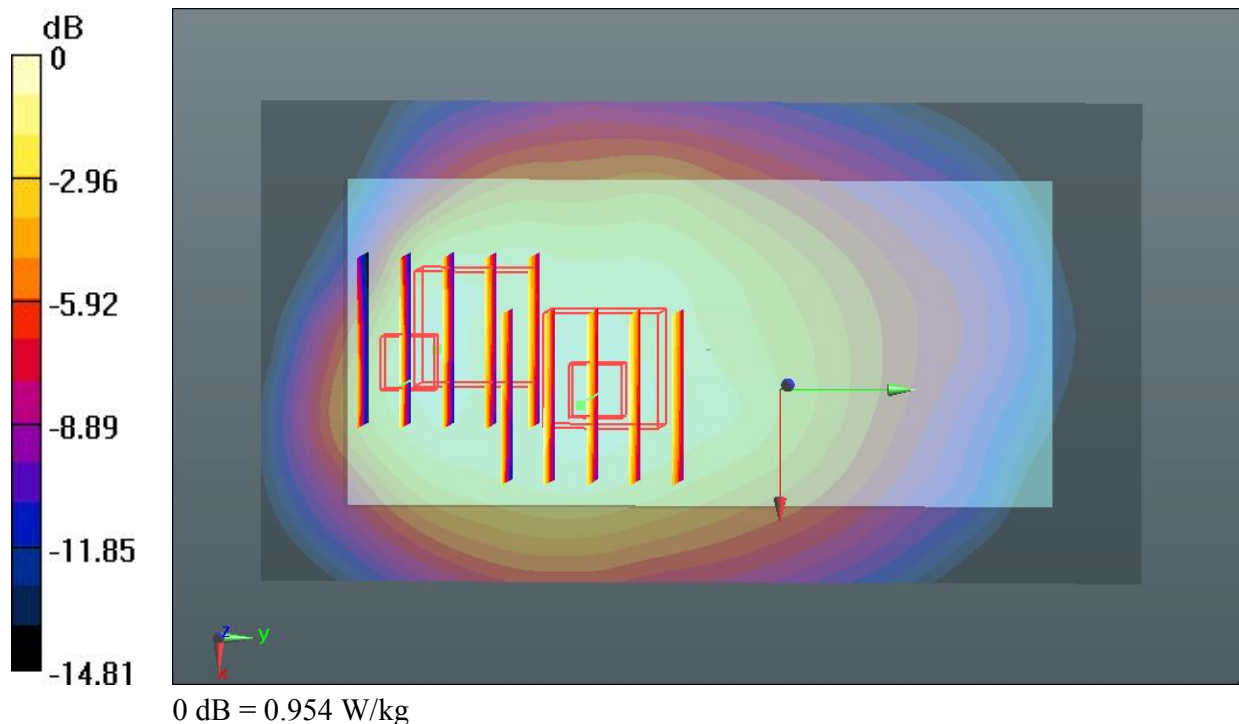
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.435 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.191 mW/g

**SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.417 mW/g**

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





**132\_CDMA2000 BC15\_RTAP 153.6\_Front\_1cm\_Ch875**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.935 W/kg

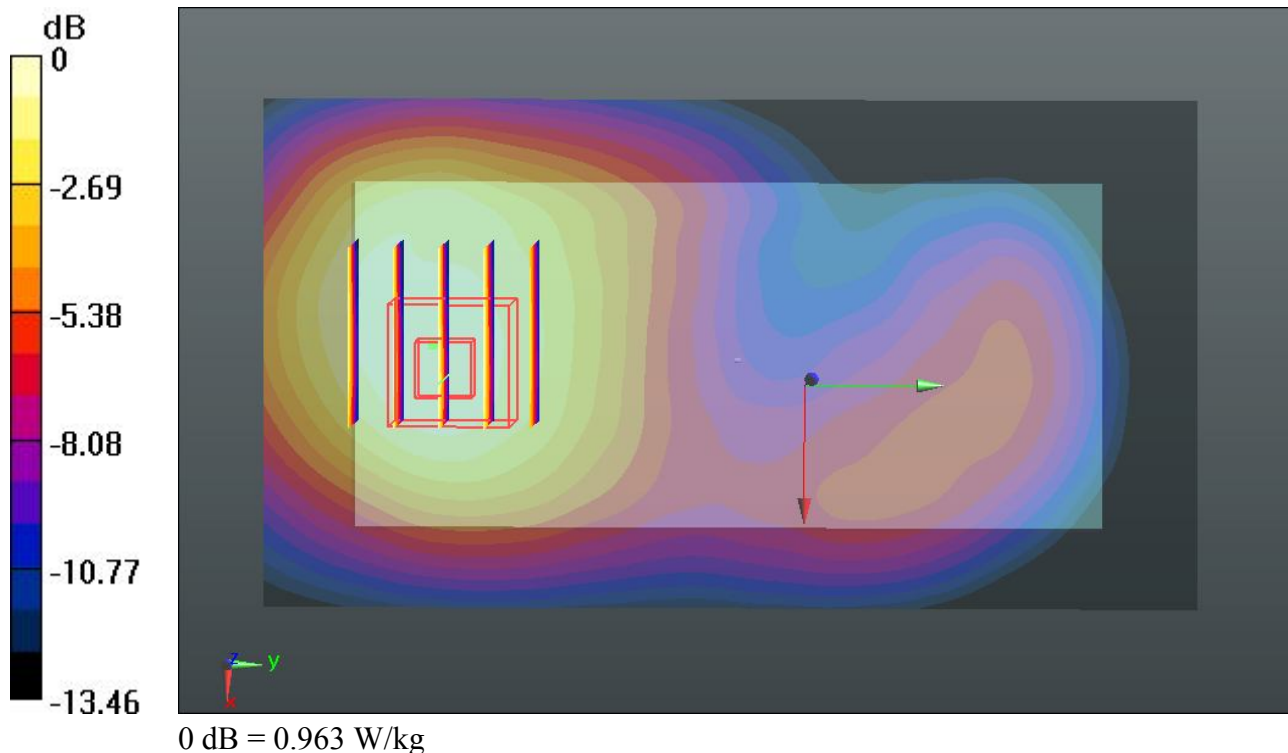
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.205 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.156 mW/g

**SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.482 mW/g**

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



### 133\_CDMA2000 BC15\_RTAP 153.6\_Back\_1cm\_Ch875

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

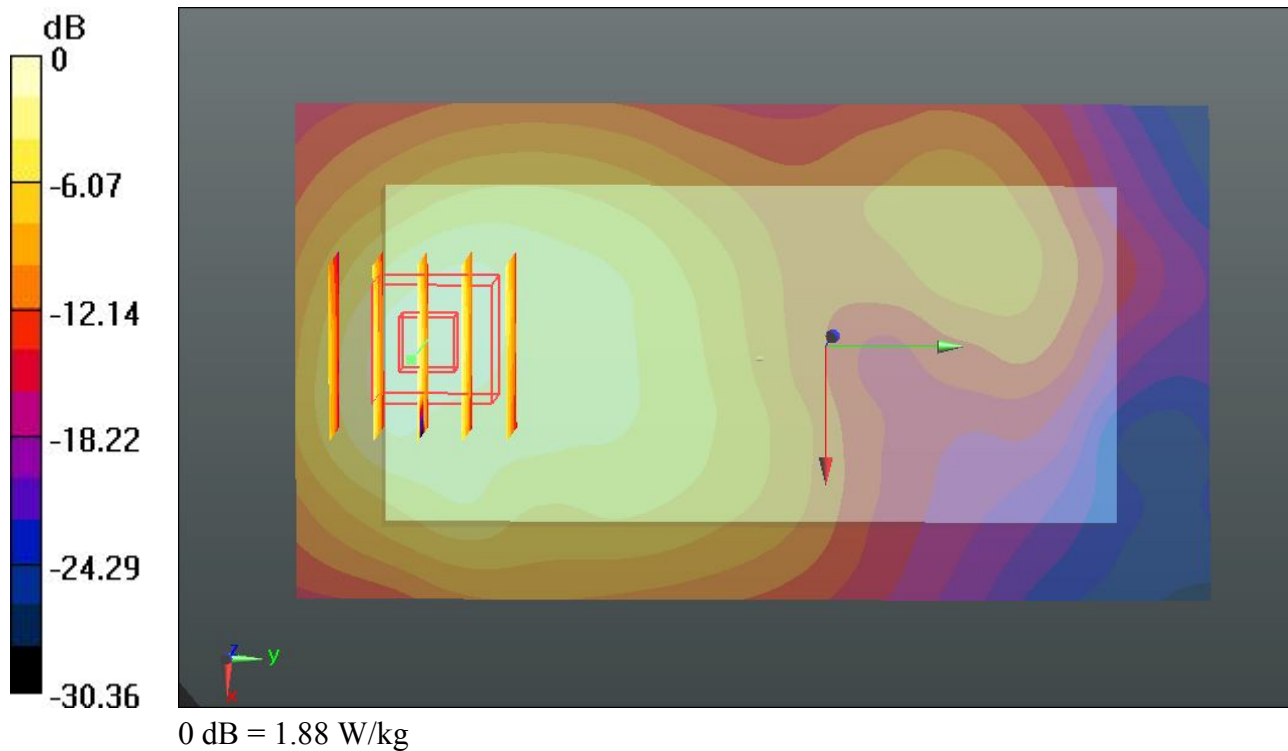
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.674 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.599 mW/g

**SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.781 mW/g**

Maximum value of SAR (measured) = 1.88 W/kg



**134\_CDMA2000 BC15\_RTAP 153.6\_Left Side\_1cm\_Ch875**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.298 W/kg

**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.658 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.383 mW/g

**SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.307 W/kg

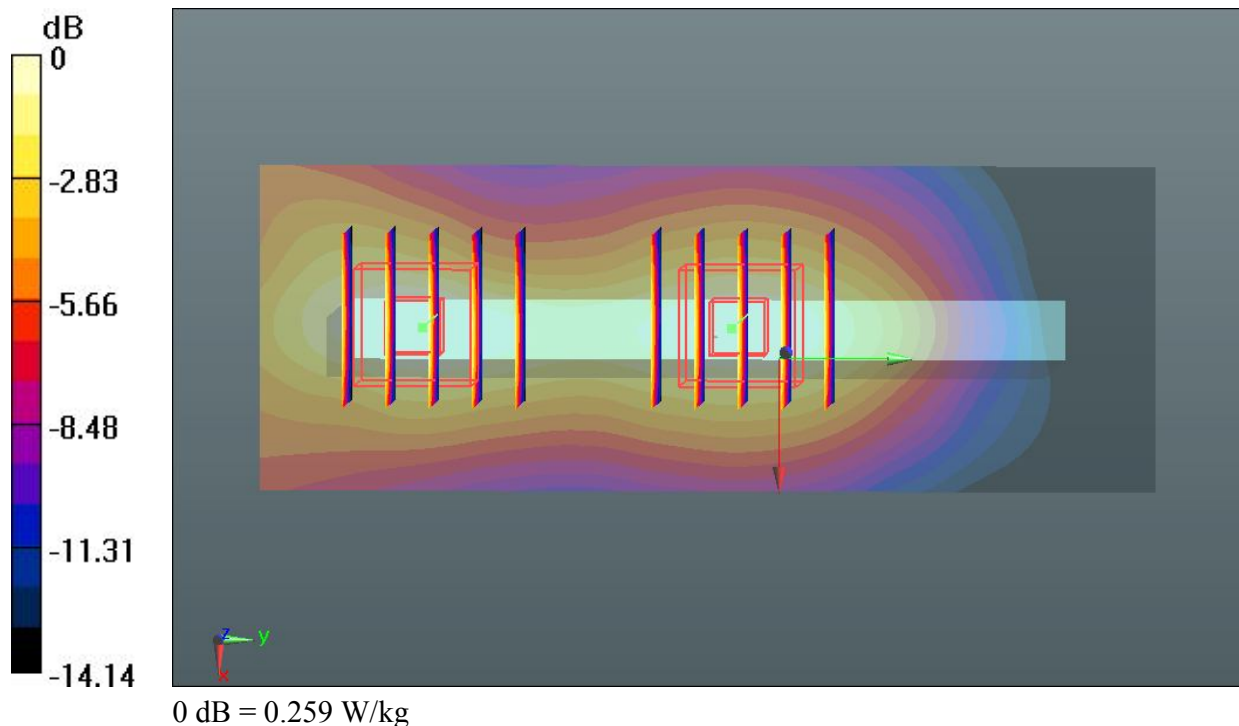
**Ch875/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.658 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.312 mW/g

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

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



**135\_CDMA2000 BC15\_RTAP 153.6\_Right Side\_1cm\_Ch875**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.471 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.274 mW/g

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.103 mW/g**

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

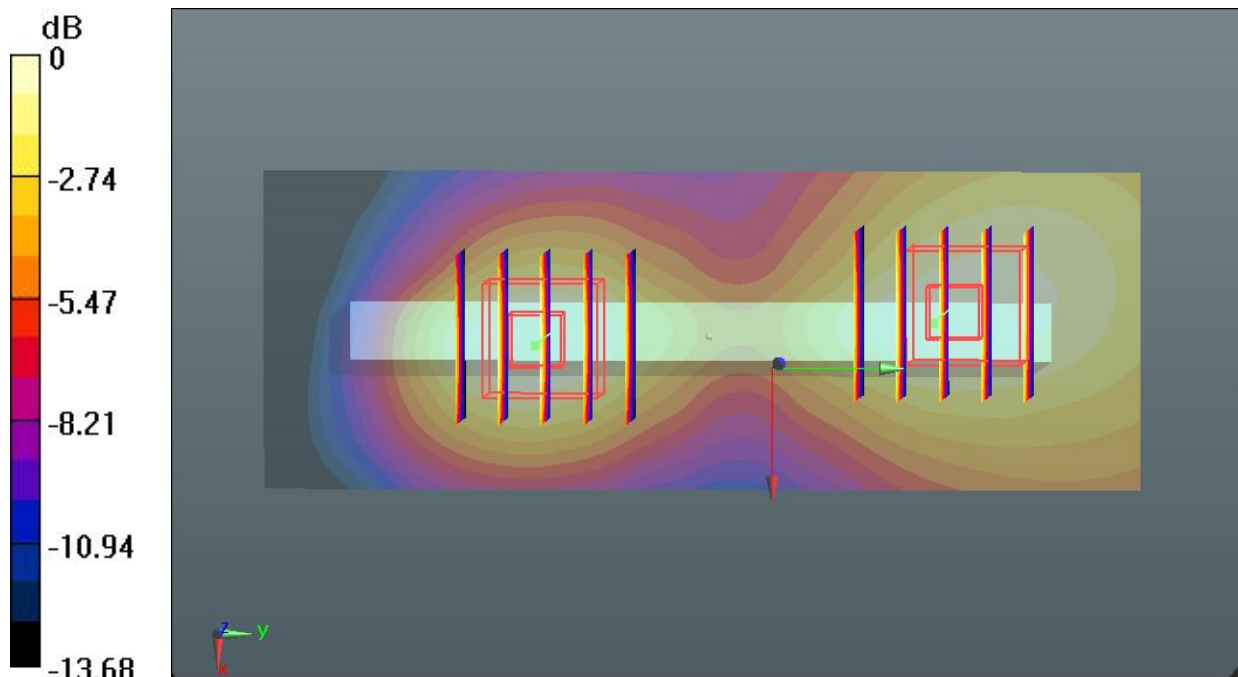
**Ch875/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.471 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.245 mW/g

**SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg

**136\_CDMA2000 BC15\_RTAP 153.6\_Bottom Side\_1cm\_Ch875**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

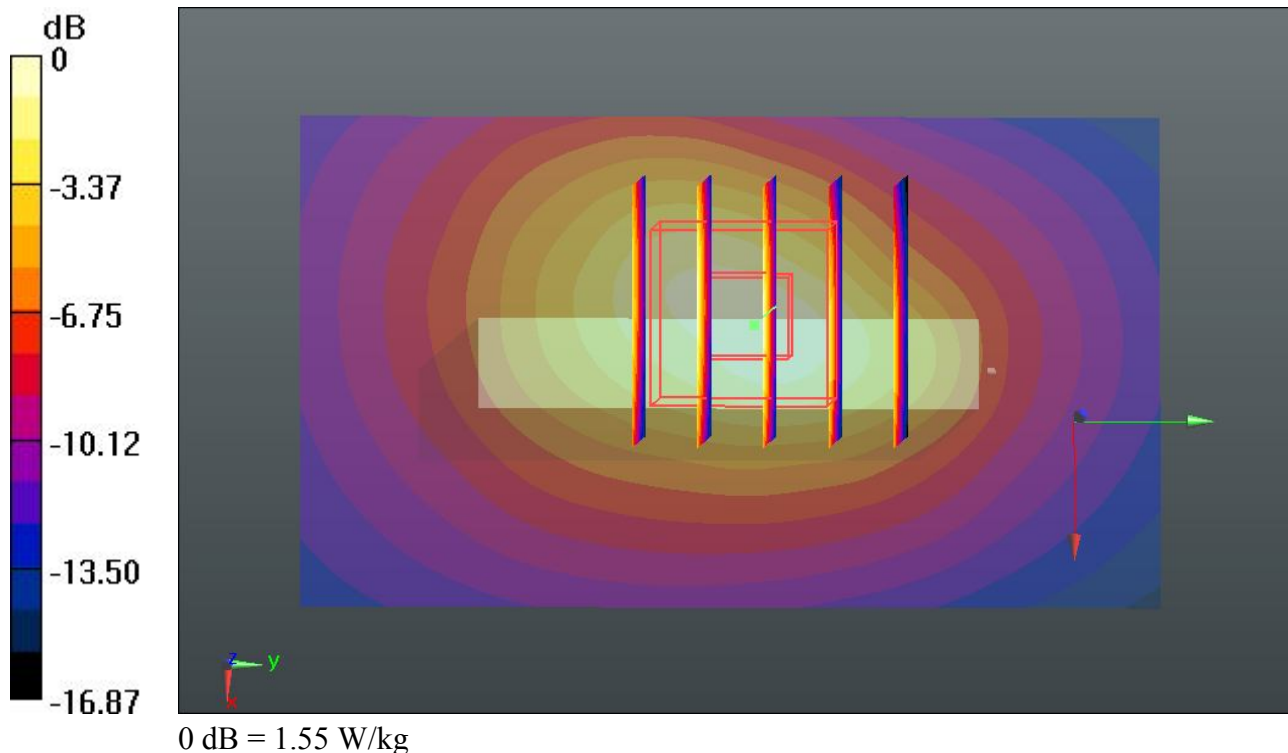
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.252 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.863 mW/g

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.634 mW/g**

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



### 137\_CDMA2000 BC15\_RTAP 153.6\_Back\_1cm\_Ch25

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1711.25$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r =$

$55.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.5$  °C ; Liquid Temperature :  $21.7$  °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

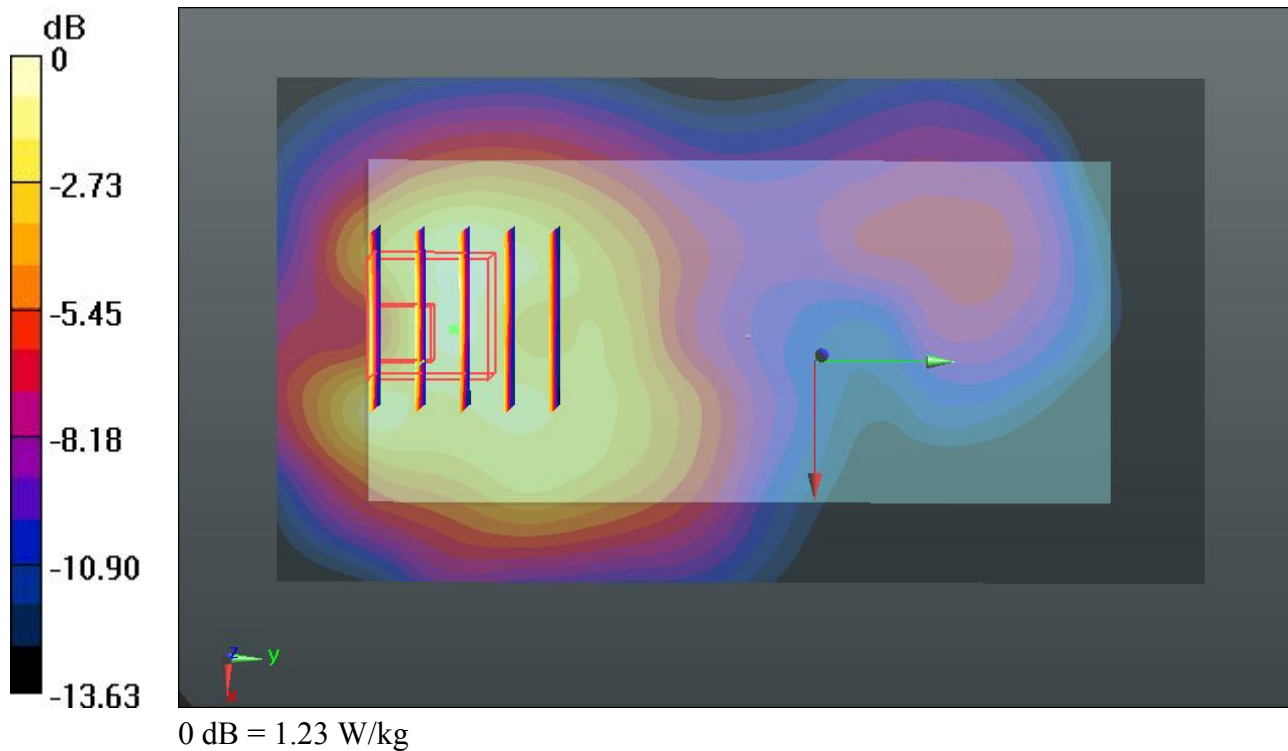
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $27.136$  V/m; Power Drift =  $0.03$  dB

Peak SAR (extrapolated) =  $1.318$  mW/g

**SAR(1 g) =  $0.969$  mW/g; SAR(10 g) =  $0.597$  mW/g**

Maximum value of SAR (measured) =  $1.23$  W/kg





### 138\_CDMA2000 BC15\_RTAP 153.6\_Back\_1cm\_Ch425

**DUT: 8311602**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r =$

$55.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch425/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

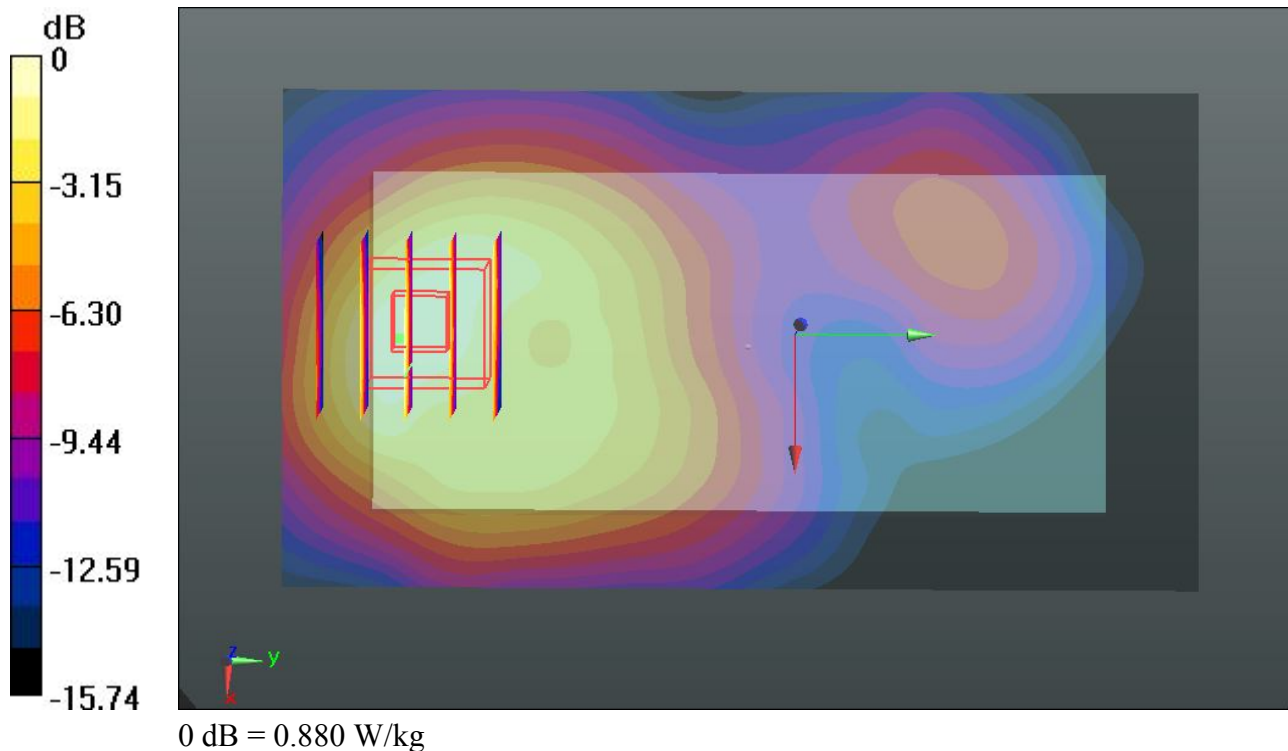
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.784 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.981 mW/g

**SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.416 mW/g**

Maximum value of SAR (measured) = 0.880 W/kg



**139\_CDMA2000 BC15\_RTAP 153.6\_Bottom Side\_1cm\_Ch25**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1711.25$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 55.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

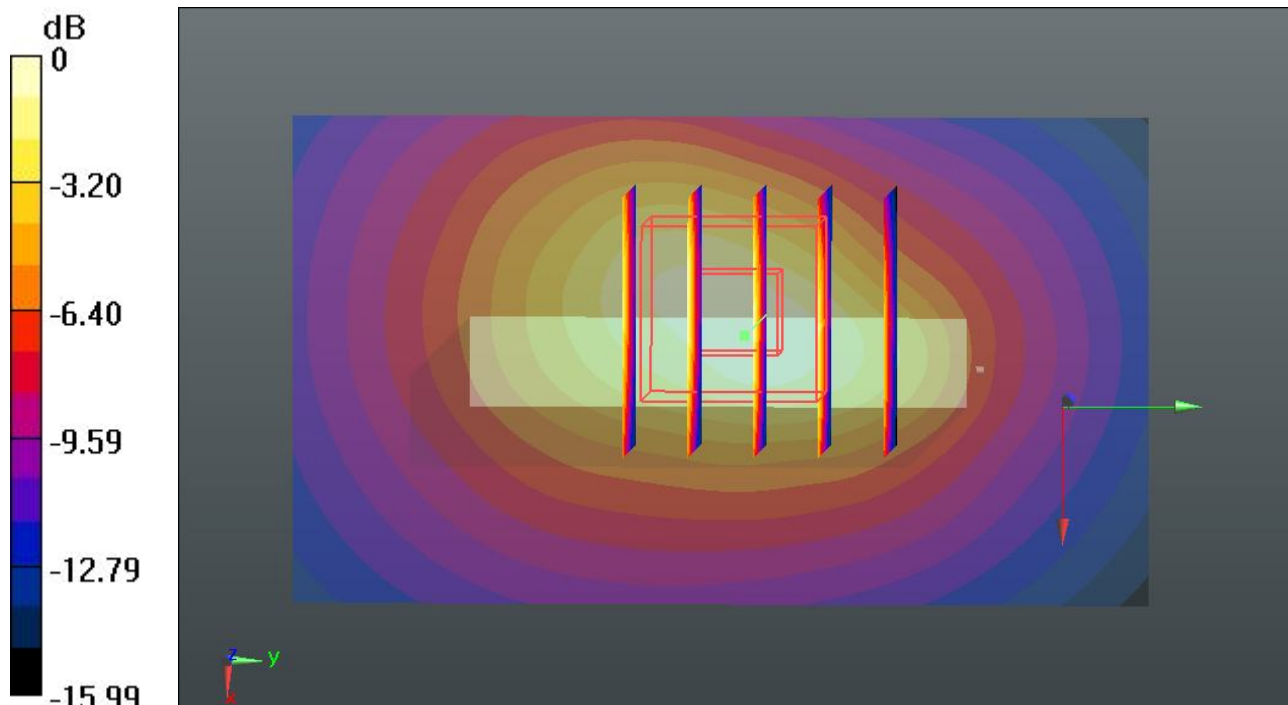
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.032 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.556 mW/g

**SAR(1 g) = 0.962 mW/g; SAR(10 g) = 0.547 mW/g**

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



0 dB = 1.29 W/kg

**140\_CDMA2000 BC15\_RTAP 153.6\_Bottom Side\_1cm\_Ch425**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r =$

$55.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch425/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.820 W/kg

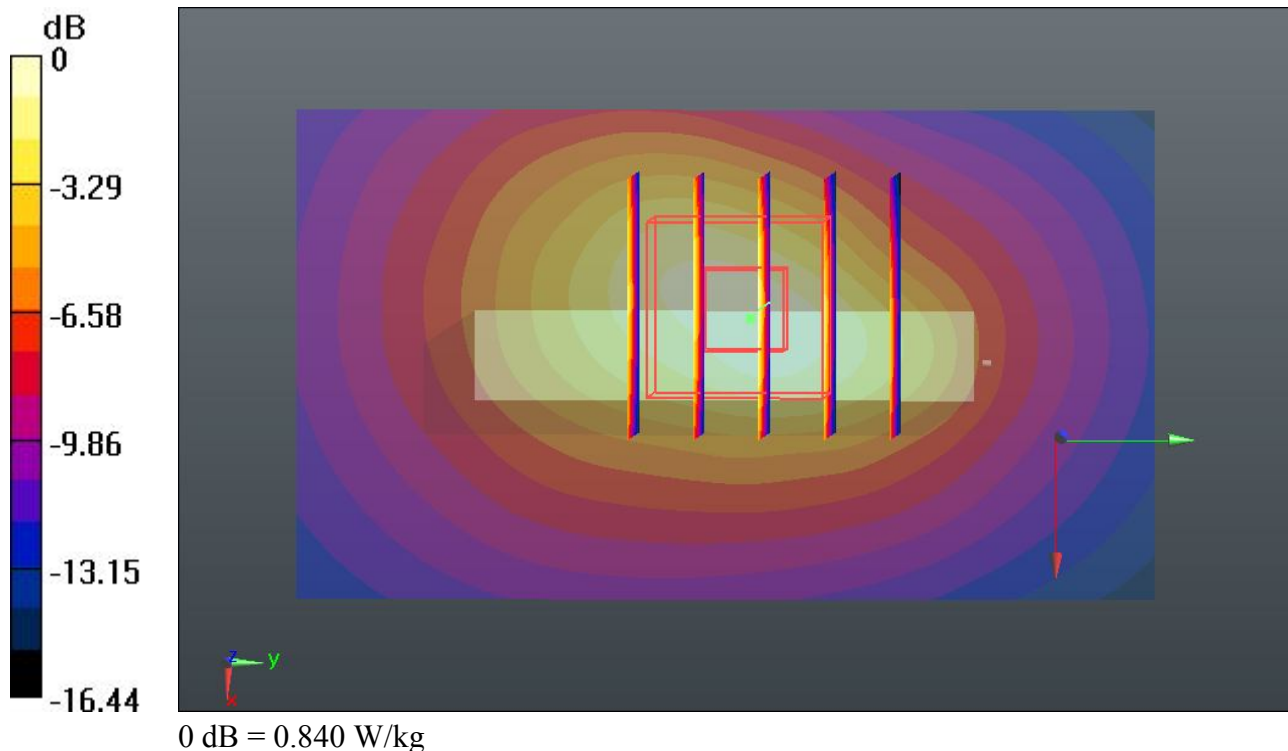
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.080 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.009 mW/g

**SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.348 mW/g**

Maximum value of SAR (measured) = 0.840 W/kg



**141\_CDMA2000 BC15\_RC3 SO32\_Front\_1cm\_Ch875**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.911 W/kg

**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.385 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.117 mW/g

**SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.474 mW/g**

Maximum value of SAR (measured) = 0.934 W/kg

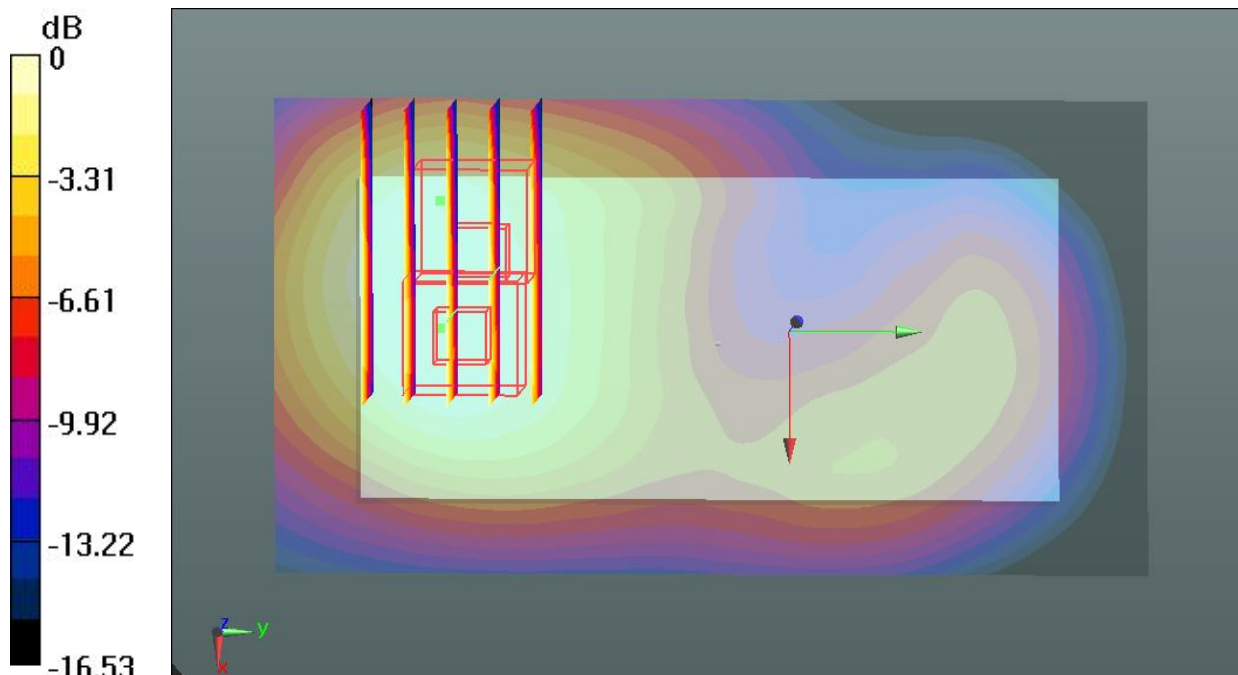
**Ch875/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.385 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.058 mW/g

**SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.389 mW/g**

Maximum value of SAR (measured) = 0.862 W/kg



0 dB = 0.862 W/kg

### 142\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch875

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.74 W/kg

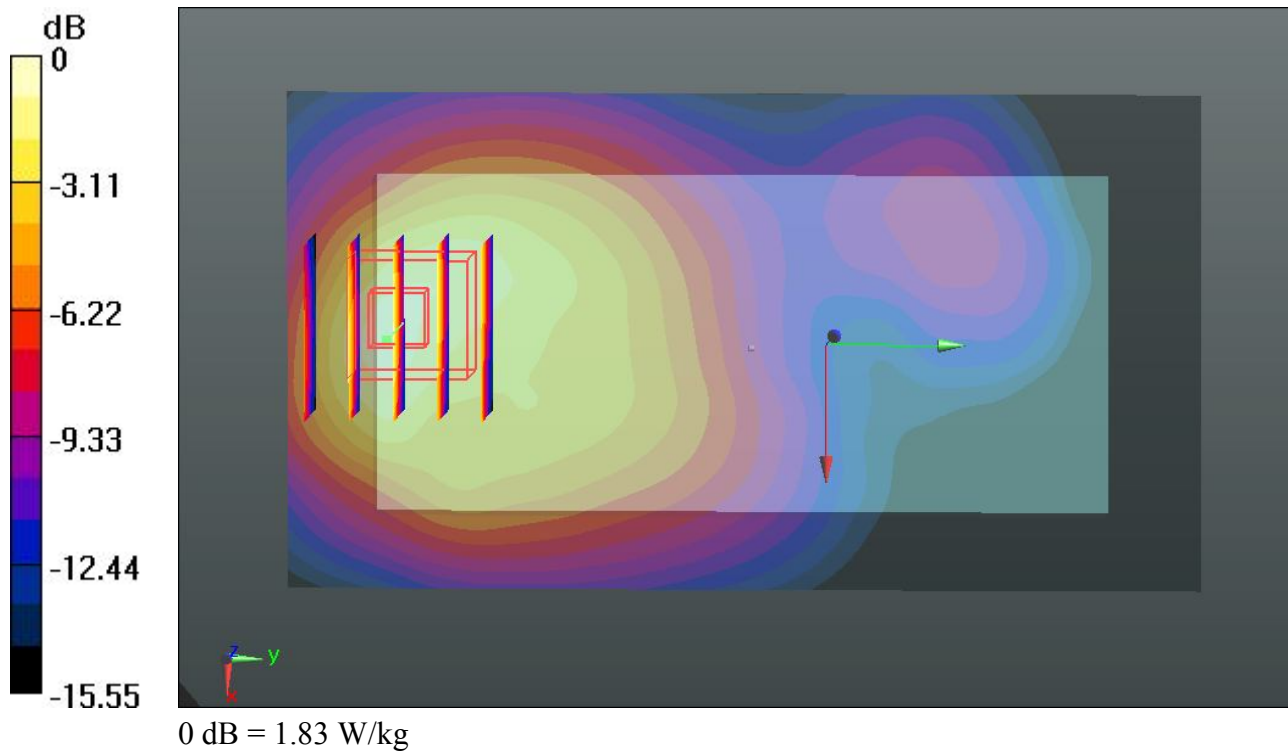
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.037 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.151 mW/g

**SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.803 mW/g**

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



**142\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch875\_2D**

**DUT: 311602**

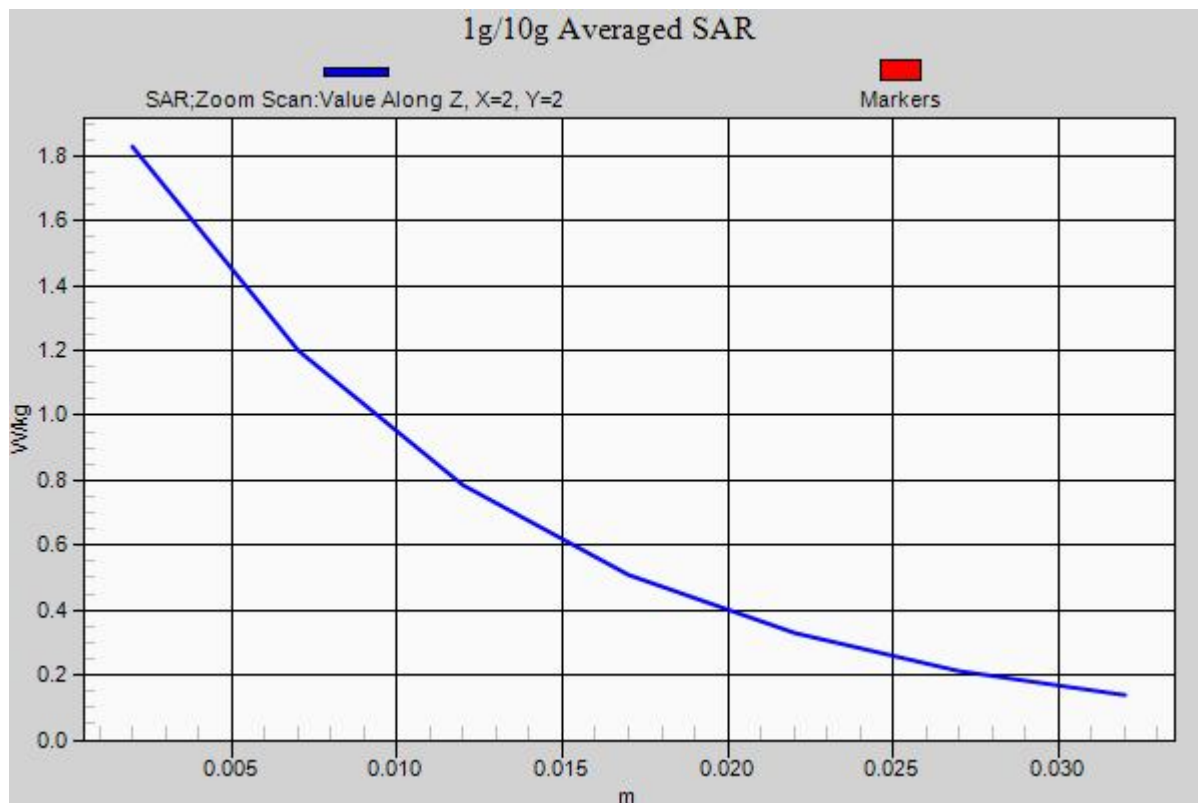
Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.74 W/kg

**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 35.037 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 2.151 mW/g  
**SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.803 mW/g**  
 Maximum value of SAR (measured) = 1.83 W/kg





### 148\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch875\_Repeat SAR

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

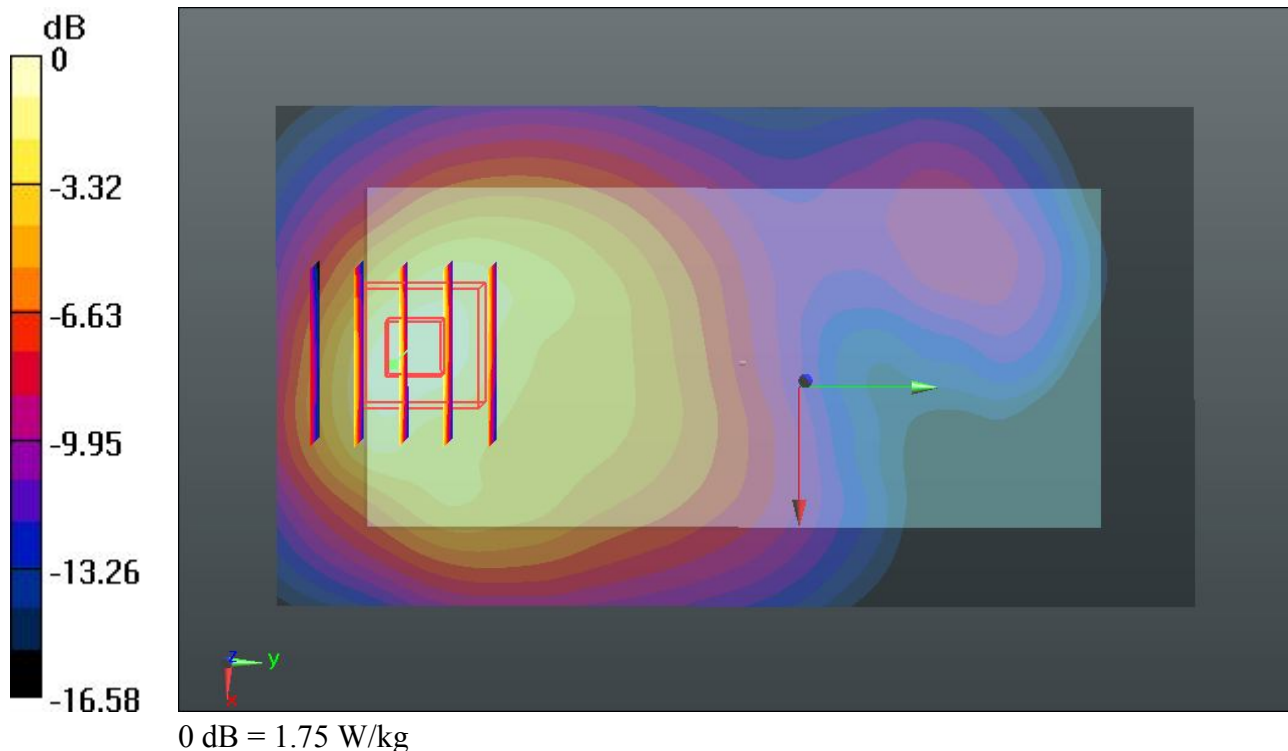
**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.599 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.121 mW/g

**SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.778 mW/g**

Maximum value of SAR (measured) = 1.75 W/kg



## 143\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch25

### DUT: 311602

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1711.25$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 55.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Configuration/Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.719 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.593 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.625 mW/g**

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

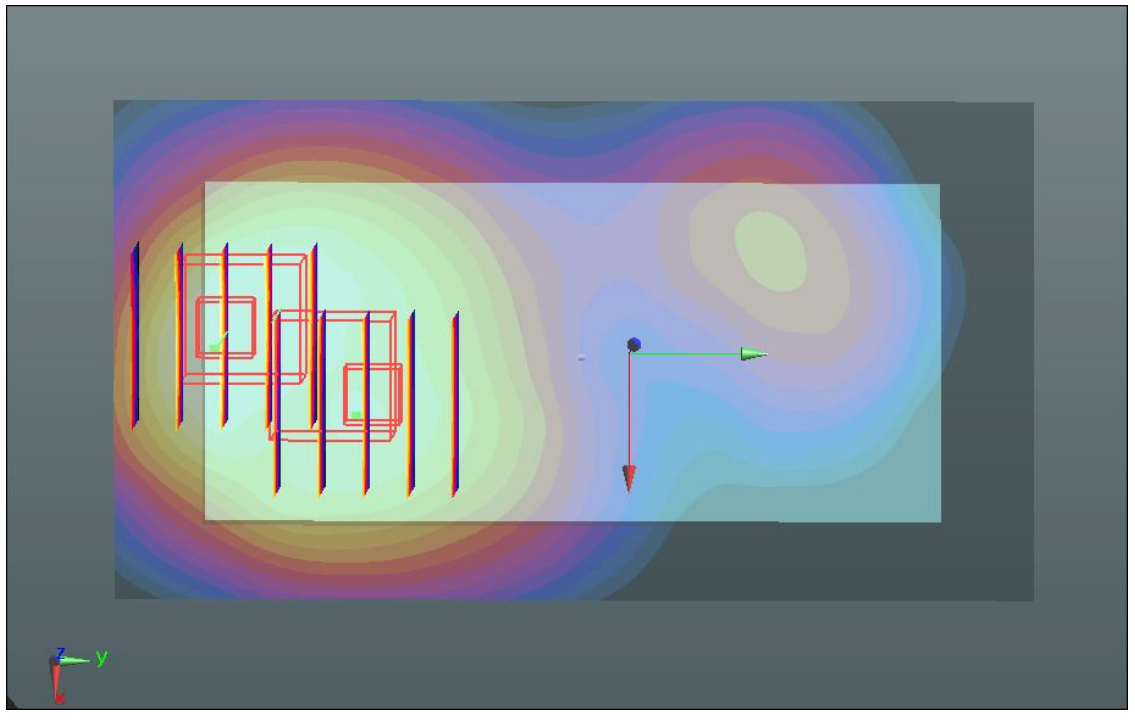
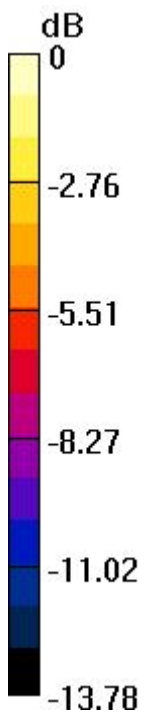
**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.719 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.212 mW/g

**SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.443 mW/g**

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



0 dB = 1.06 W/kg

### 144\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch425

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r =$

$55.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.5$  °C ; Liquid Temperature :  $21.7$  °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch425/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.886 W/kg

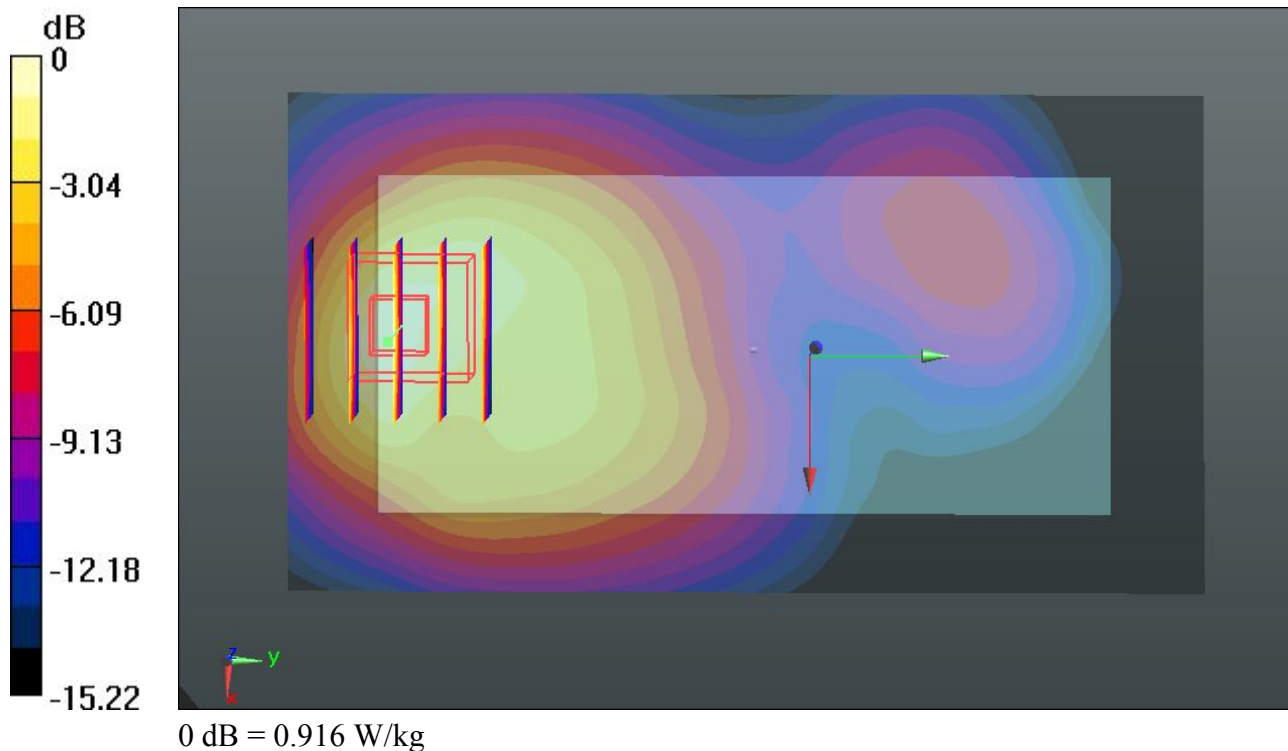
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.044 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.071 mW/g

**SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.412 mW/g**

Maximum value of SAR (measured) = 0.916 W/kg



### 173\_CDMA2000 BC15\_RTEAP 4096\_Back\_1cm\_Ch875

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_130202 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.516$  mho/m;  $\epsilon_r = 55.567$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch875/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.76 W/kg

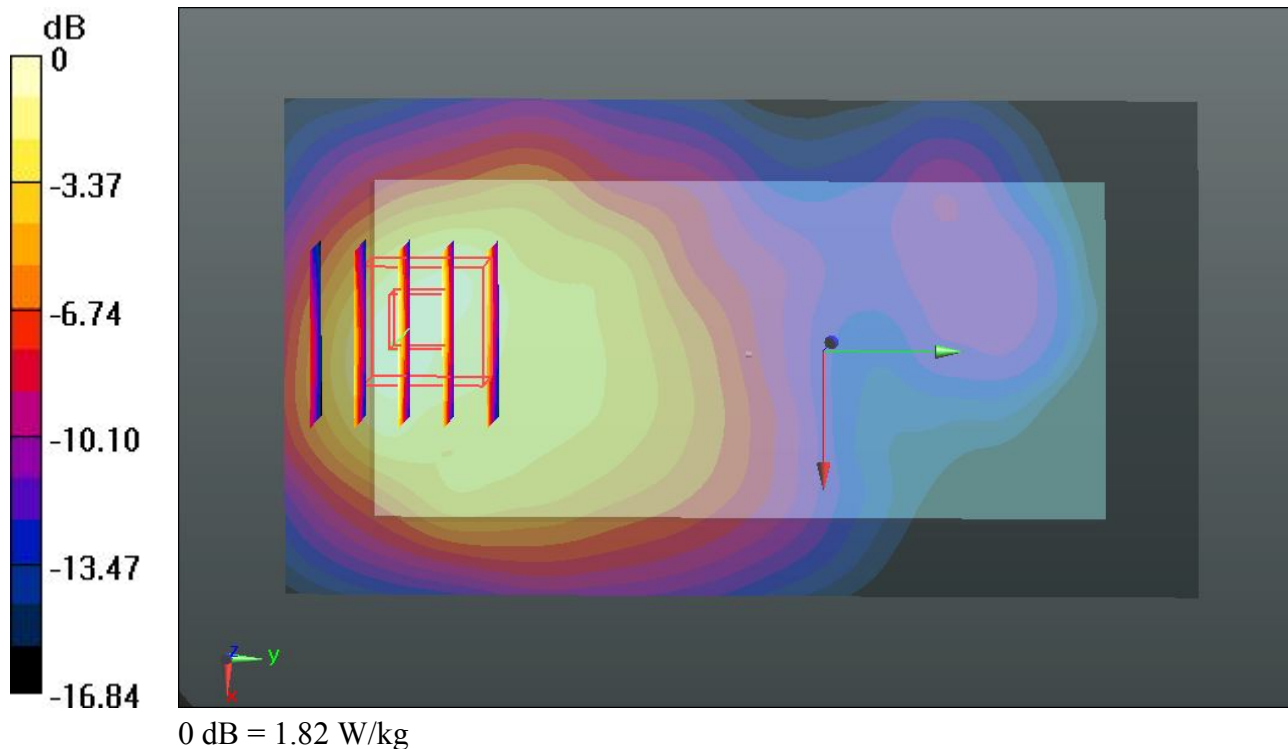
#### Ch875/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.566 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.504 mW/g

**SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.776 mW/g**

Maximum value of SAR (measured) = 1.82 W/kg



**174\_CDMA2000 BC15\_RTEAP 4096\_Back\_1cm\_Ch25**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130202 Medium parameters used:  $f = 1711.25$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 55.652$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.433 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.605 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.615 mW/g**

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

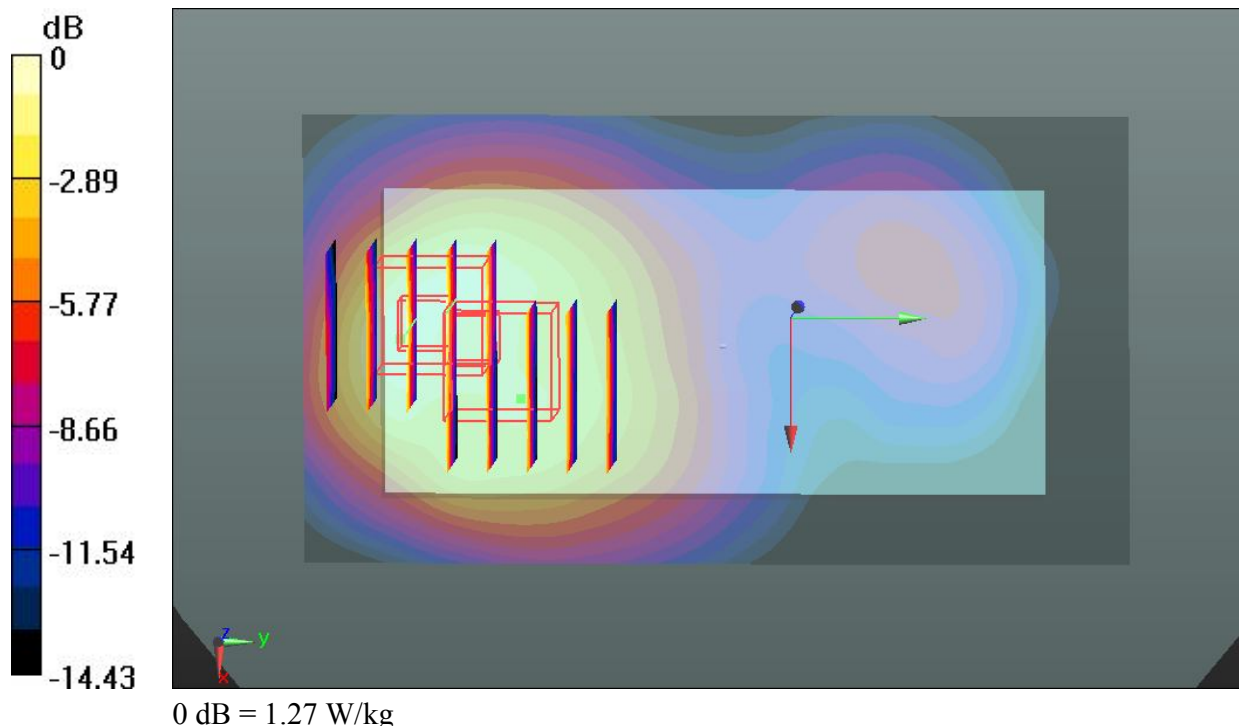
**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.433 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.554 mW/g

**SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.427 mW/g**

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





### 175\_CDMA2000 BC15\_RTEAP 4096\_Back\_1cm\_Ch425

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130202 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.492$  mho/m;  $\epsilon_r =$

$55.609$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch425/Area Scan (61x111x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

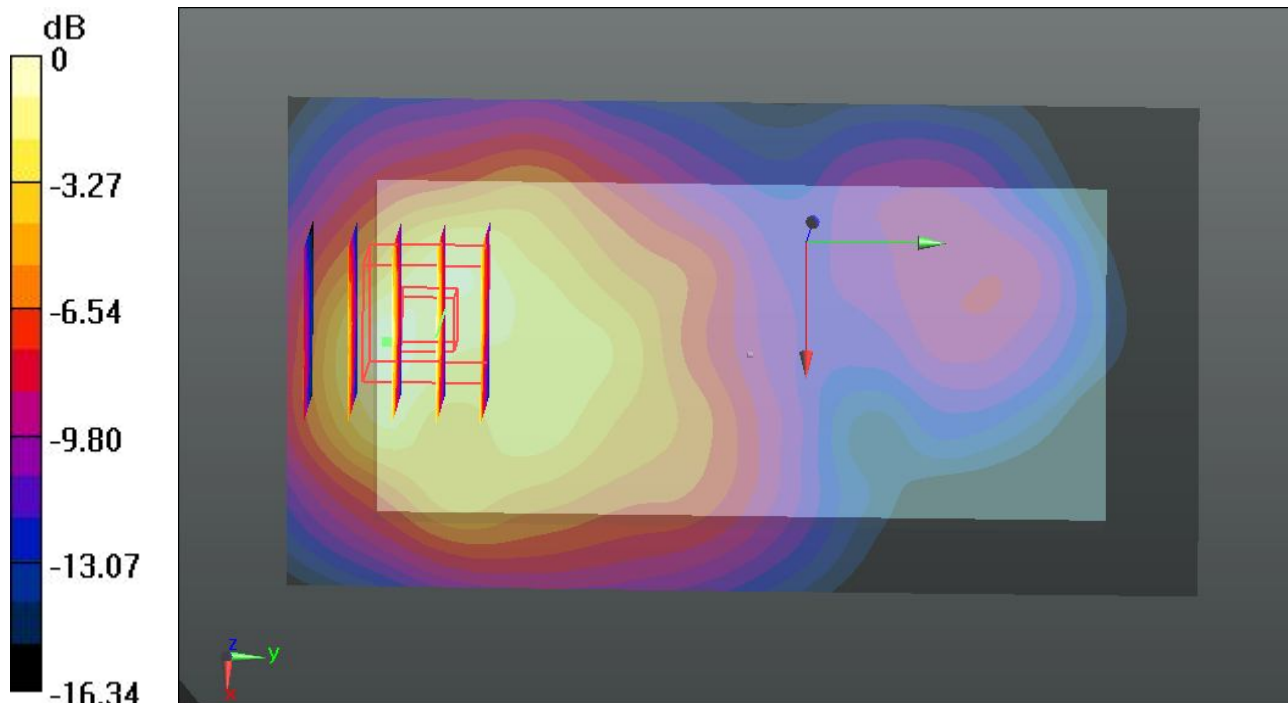
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $24.044$  V/m; Power Drift =  $-0.07$  dB

Peak SAR (extrapolated) =  $1.075$  mW/g

**SAR(1 g) =  $0.701$  mW/g; SAR(10 g) =  $0.407$  mW/g**

Maximum value of SAR (measured) =  $0.874$  W/kg



0 dB =  $0.874$  W/kg

**145\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch875\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1753.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1754$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 55.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch875/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch875/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.027 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.138 mW/g

**SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.763 mW/g**

Maximum value of SAR (measured) = 1.80 W/kg

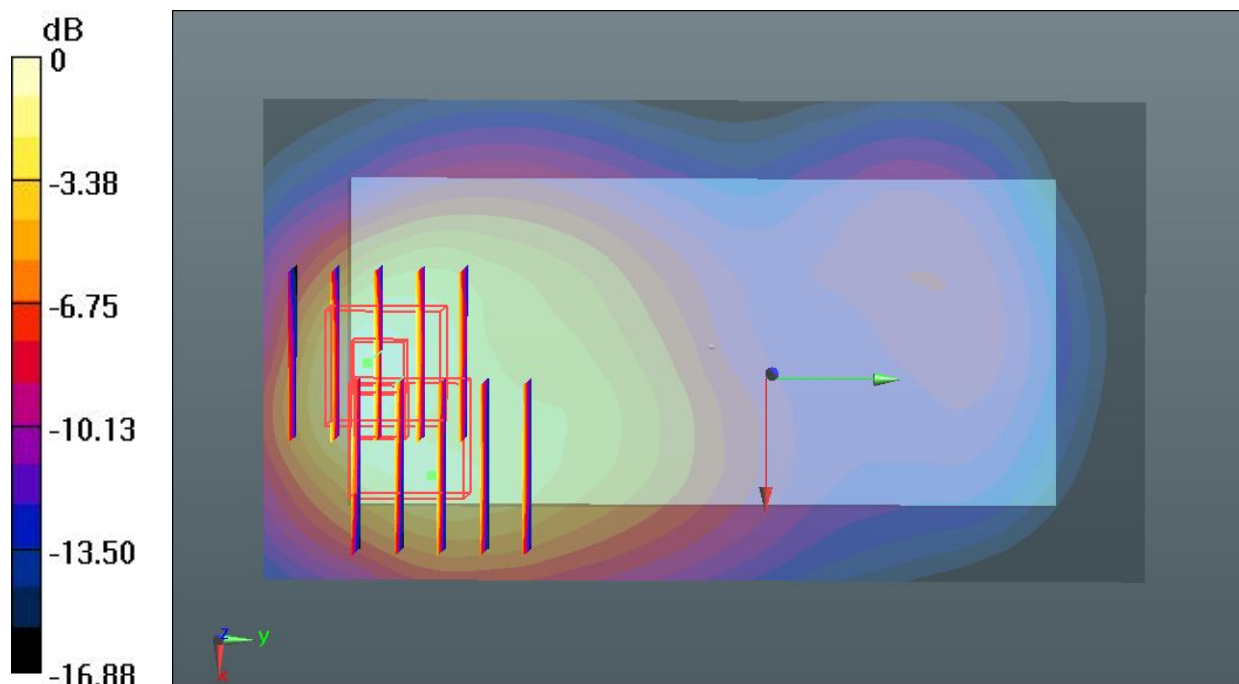
**Ch875/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.027 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.074 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.596 mW/g**

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg

**146\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch25\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1711.25$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 55.32$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

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

**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.937 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.620 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.602 mW/g**

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

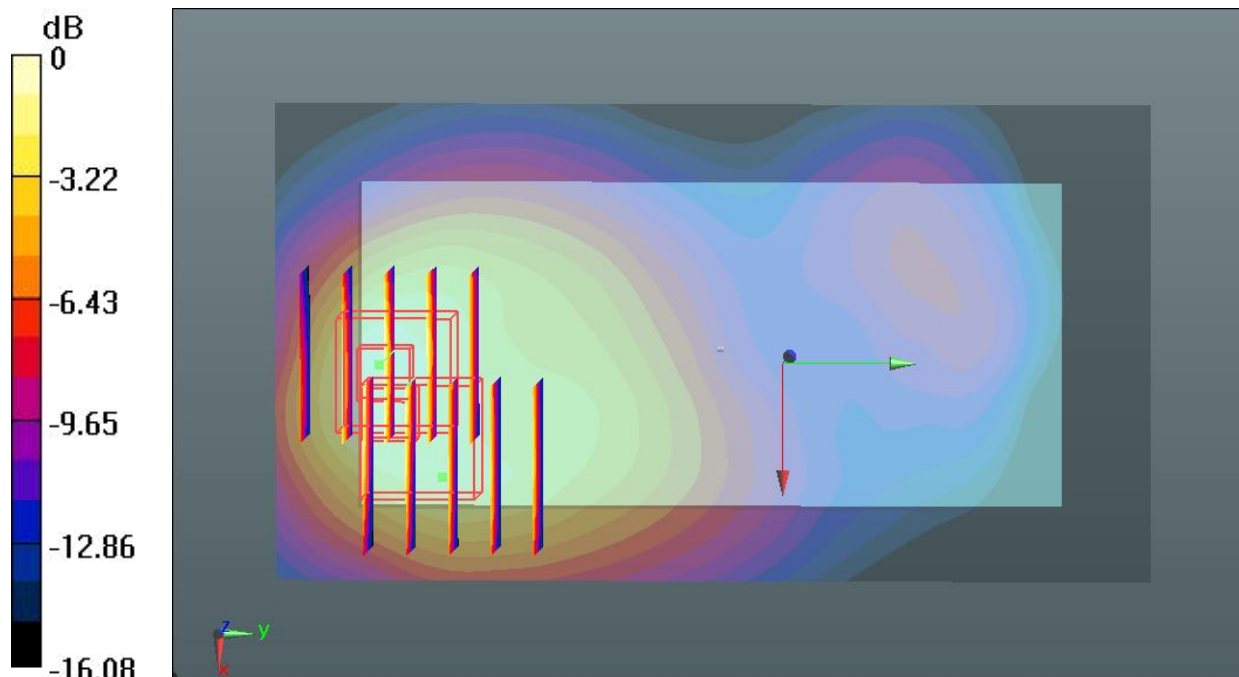
**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.937 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.557 mW/g

**SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.481 mW/g**

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



0 dB = 1.25 W/kg

**147\_CDMA2000 BC15\_RC3 SO32\_Back\_1cm\_Ch425\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1731.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130116 Medium parameters used:  $f = 1731.25$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r =$

$55.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch425/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.812 W/kg

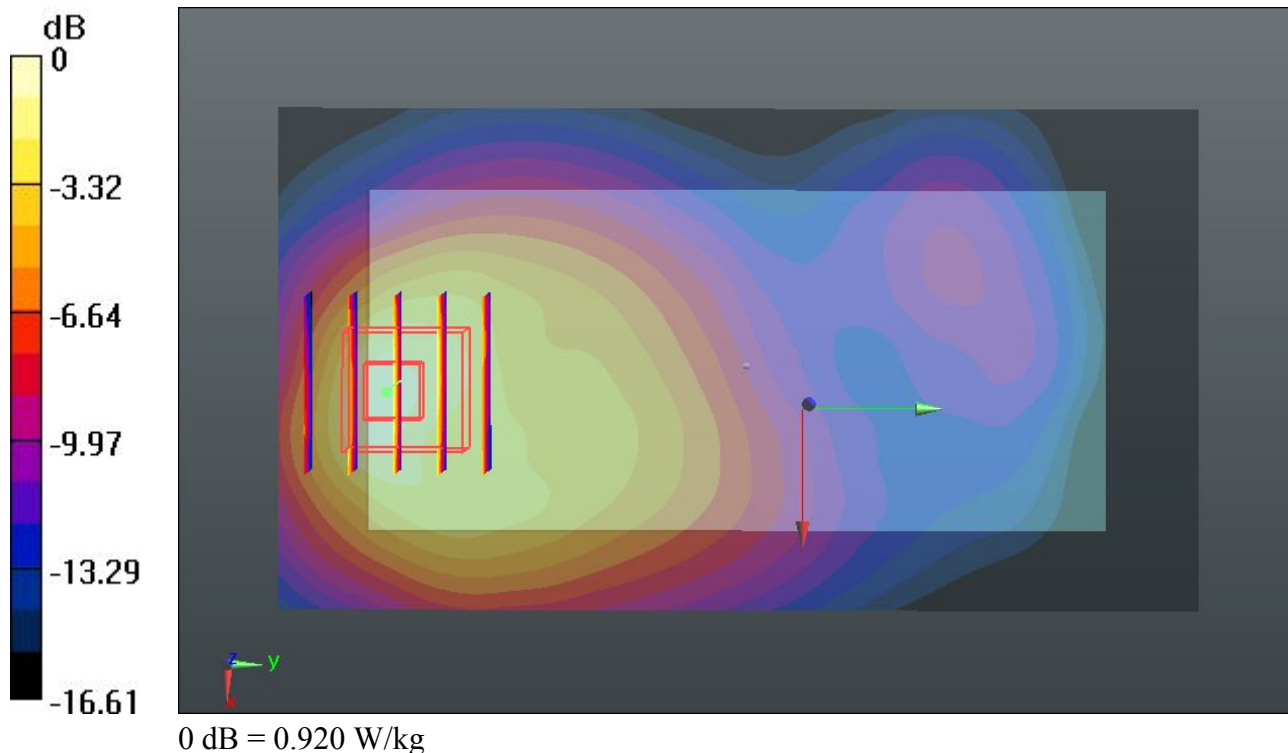
**Ch425/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.207 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.082 mW/g

**SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.391 mW/g**

Maximum value of SAR (measured) = 0.920 W/kg



**96\_CDMA2000 BC1\_RTAP 153.6\_Front\_1cm\_Ch25**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.457$  mho/m;  $\epsilon_r = 54.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

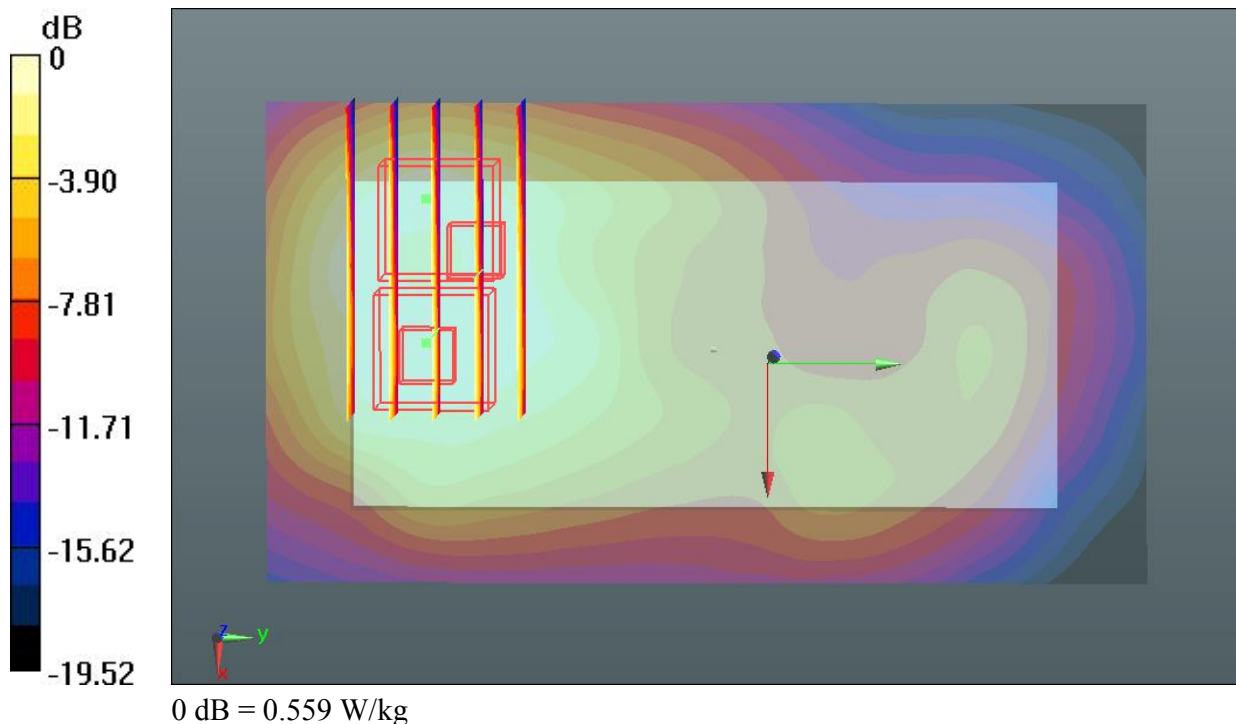
**DASY5 Configuration:**

- 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)

**Ch25/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.696 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.970 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.881 mW/g  
**SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.321 mW/g**  
 Maximum value of SAR (measured) = 0.685 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.970 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.711 mW/g  
**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.228 mW/g**  
 Maximum value of SAR (measured) = 0.559 W/kg



### 97\_CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch25

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.457$  mho/m;  $\epsilon_r =$

$54.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

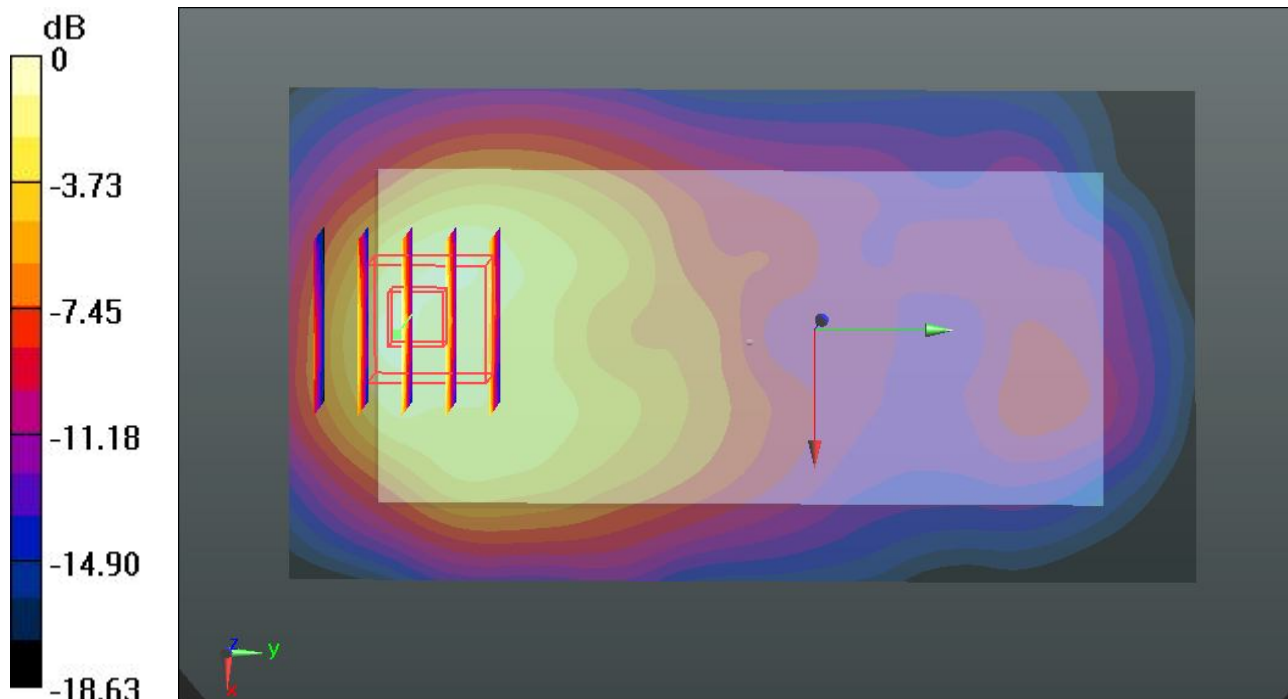
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $33.646$  V/m; Power Drift =  $-0.03$  dB

Peak SAR (extrapolated) =  $2.201$  mW/g

**SAR(1 g) =  $1.25$  mW/g; SAR(10 g) =  $0.686$  mW/g**

Maximum value of SAR (measured) =  $1.66$  W/kg



0 dB =  $1.66$  W/kg



### 97\_CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch25\_2D

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.457$  mho/m;  $\epsilon_r =$

$54.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

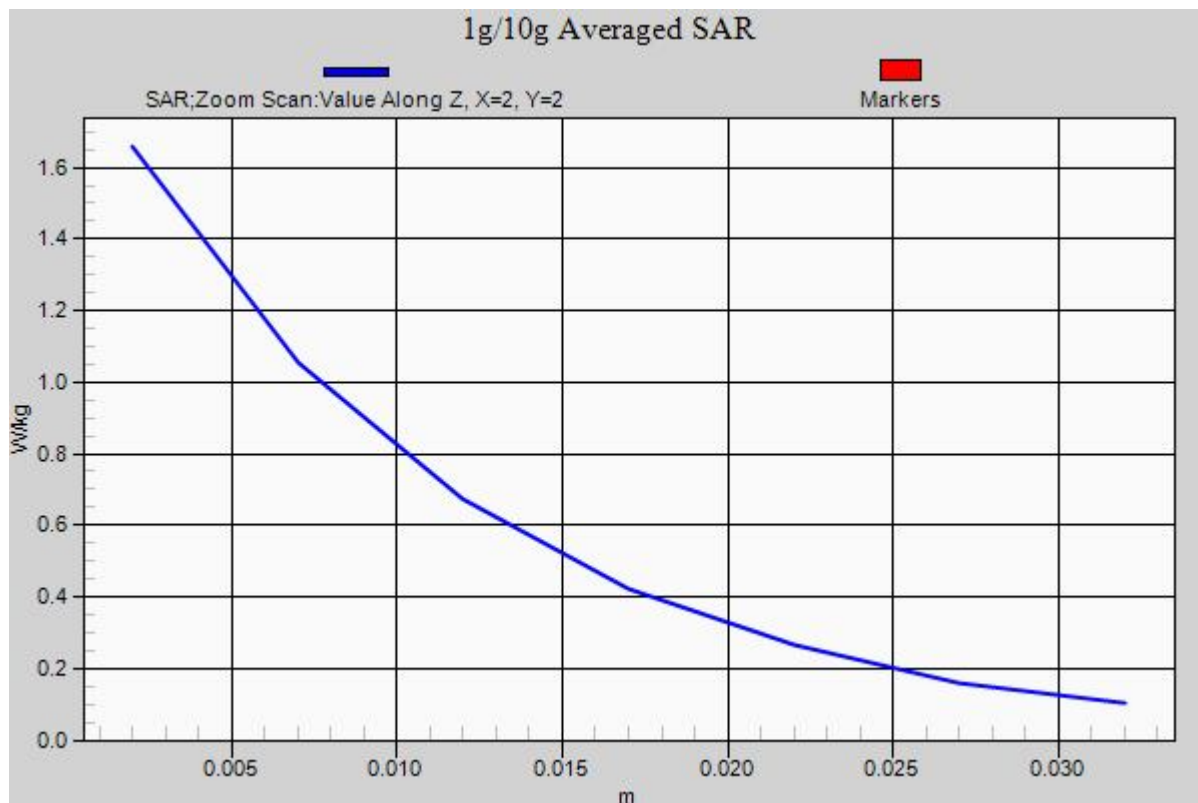
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $33.646$  V/m; Power Drift =  $-0.03$  dB

Peak SAR (extrapolated) =  $2.201$  mW/g

**SAR(1 g) =  $1.25$  mW/g; SAR(10 g) =  $0.686$  mW/g**

Maximum value of SAR (measured) =  $1.66$  W/kg



**112\_CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch25\_Repeat SAR**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.457 \text{ mho/m}$ ;  $\epsilon_r = 54.029$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

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)

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.38 \text{ W/kg}$

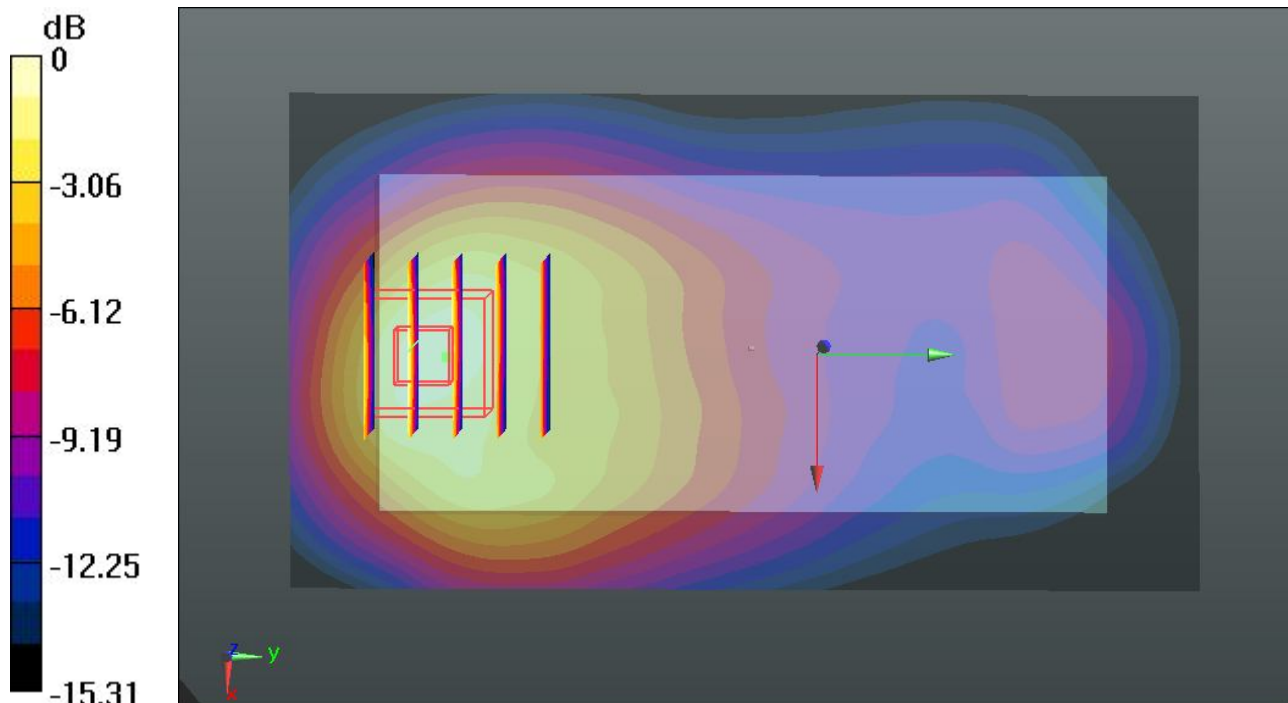
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $31.413 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.827 \text{ mW/g}$

**SAR(1 g) =  $1.14 \text{ mW/g}$ ; SAR(10 g) =  $0.653 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.49 \text{ W/kg}$



0 dB =  $1.49 \text{ W/kg}$

**98\_CDMA2000 BC1\_RTAP 153.6\_Left Side\_1cm\_Ch25**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.457 \text{ mho/m}$ ;  $\epsilon_r =$

$54.029$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

**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)

**Ch25/Area Scan (41x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.250 \text{ W/kg}$

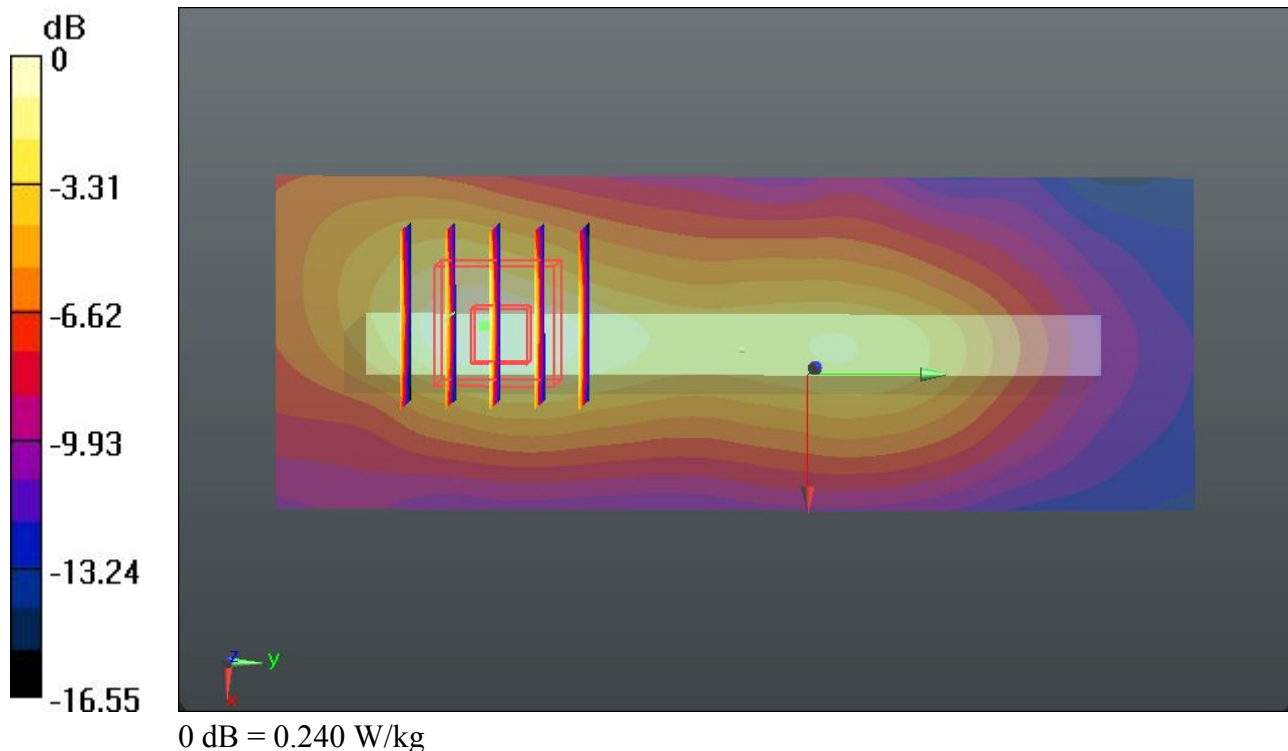
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.548 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.358 \text{ mW/g}$

**SAR(1 g) =  $0.170 \text{ mW/g}$ ; SAR(10 g) =  $0.102 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.240 \text{ W/kg}$



**99\_CDMA2000 BC1\_RTAP 153.6\_Right Side\_1cm\_Ch25**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.457$  mho/m;  $\epsilon_r = 54.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

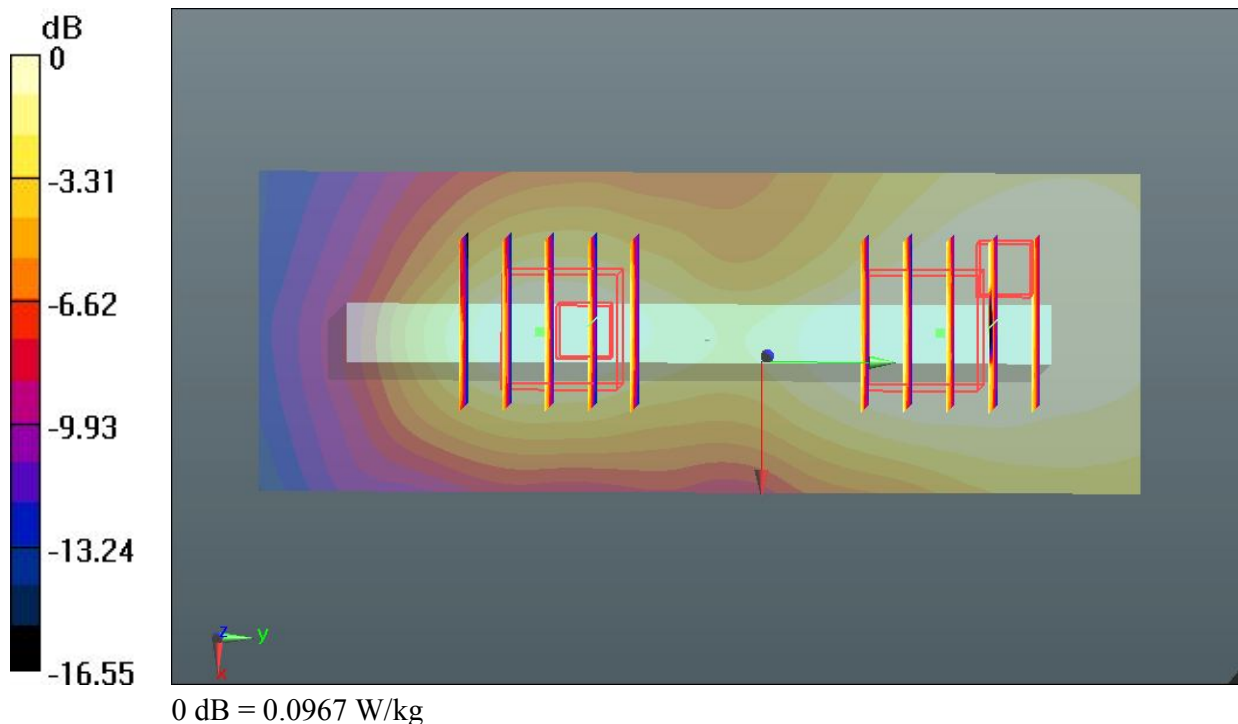
DASY5 Configuration:

- 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)

**Ch25/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.133 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 9.577 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 0.203 mW/g  
**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.051 mW/g**  
 Maximum value of SAR (measured) = 0.126 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 9.577 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 0.126 mW/g  
**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.044 mW/g**  
 Maximum value of SAR (measured) = 0.0967 W/kg



**100\_CDMA2000 BC1\_RTAP 153.6\_Bottom Side\_1cm\_Ch25**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.457 \text{ mho/m}$ ;  $\epsilon_r =$

$54.029$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

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)

**Ch25/Area Scan (41x71x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.09 \text{ W/kg}$

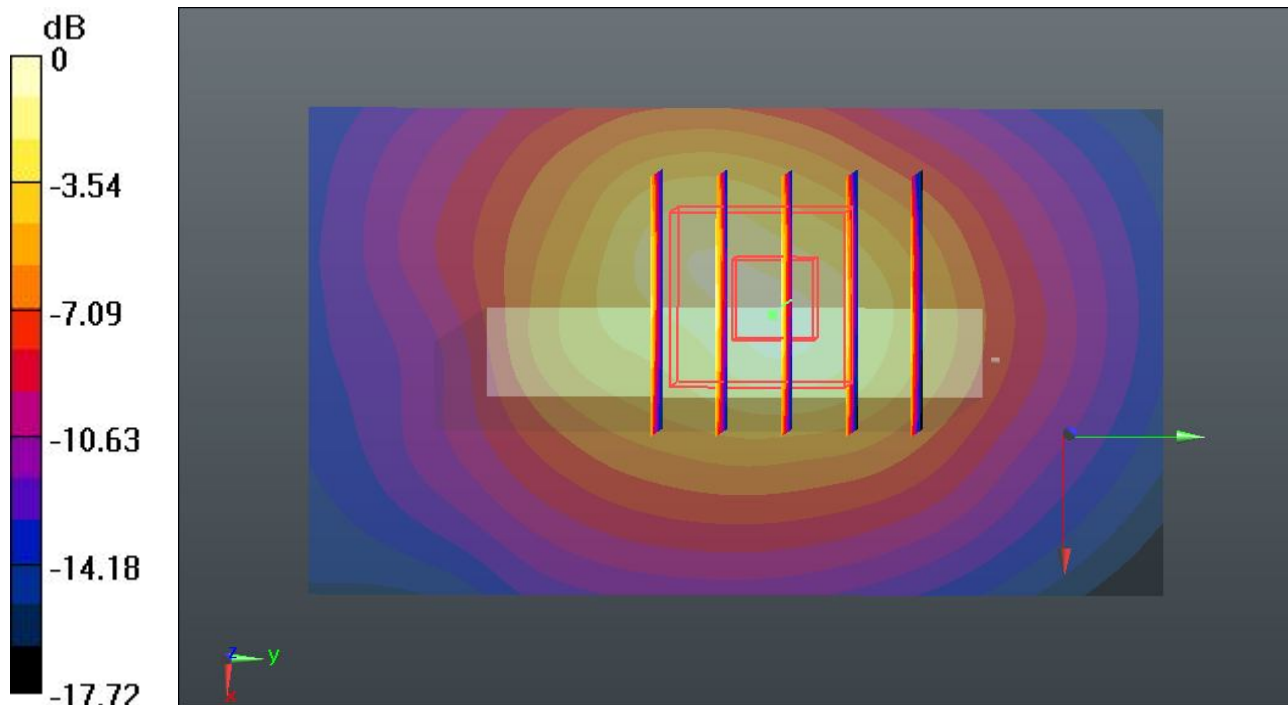
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.975 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $1.680 \text{ mW/g}$

**SAR(1 g) =  $0.905 \text{ mW/g}$ ; SAR(10 g) =  $0.490 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.28 \text{ W/kg}$



0 dB =  $1.28 \text{ W/kg}$

**101\_CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch600**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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)

**Ch600/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

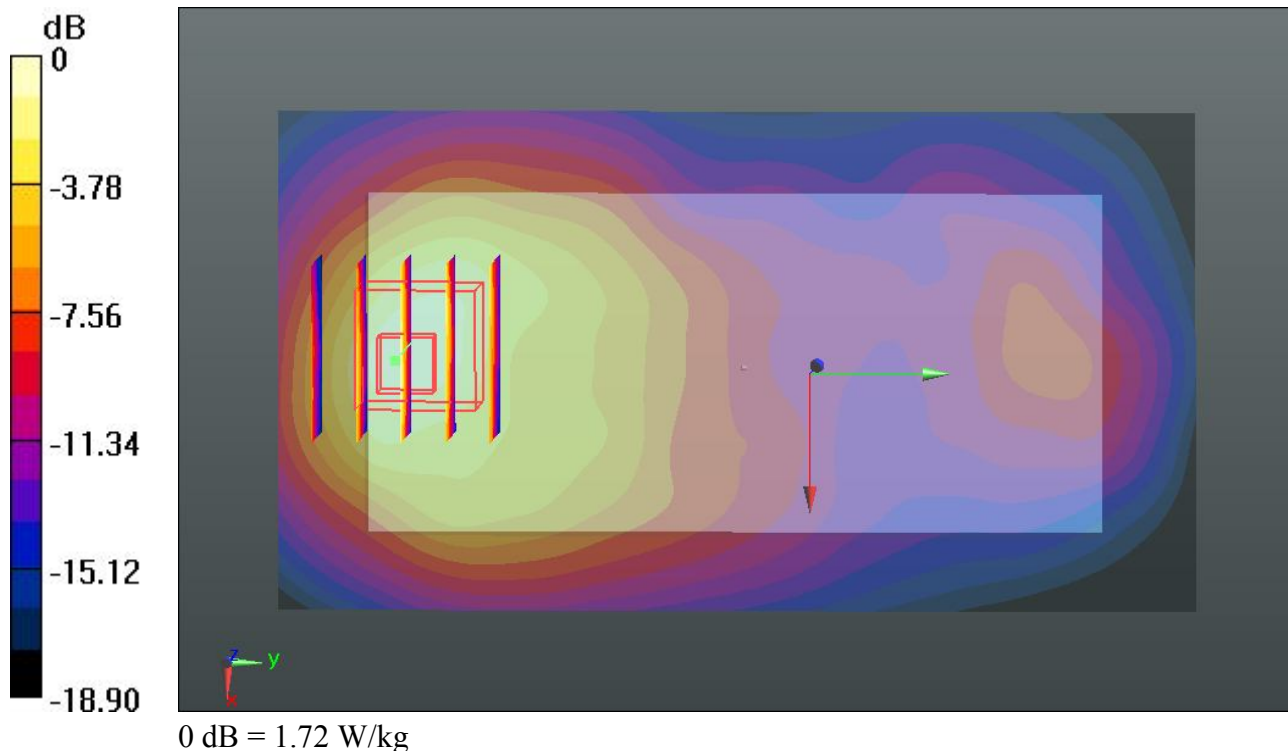
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.169 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.131 mW/g

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.672 mW/g**

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





### 102\_CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch1175

#### DUT: 311602

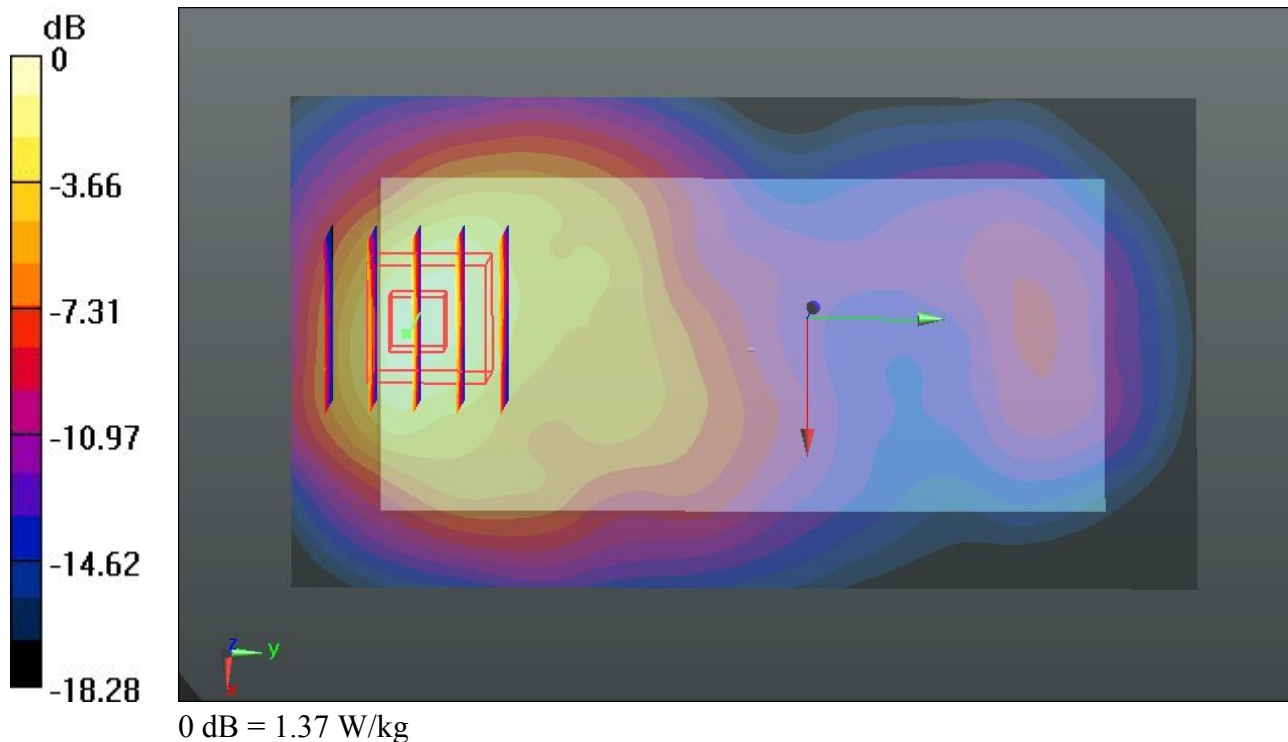
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 53.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

#### 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)

**Ch1175/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.23 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.220 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.809 mW/g  
**SAR(1 g) = 0.911 mW/g; SAR(10 g) = 0.512 mW/g**  
Maximum value of SAR (measured) = 1.37 W/kg



**103\_CDMA2000 BC1\_RTAP 153.6\_Bottom Side\_1cm\_Ch600**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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)

**Ch600/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

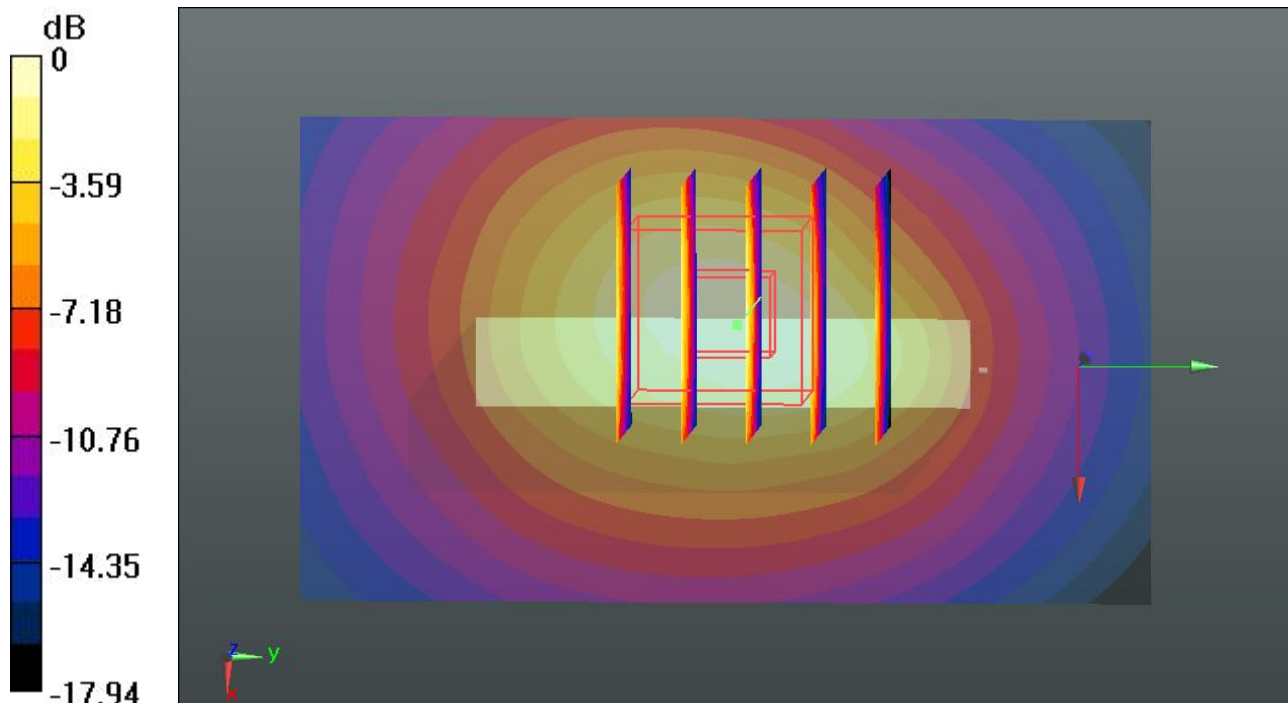
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.435 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.866 mW/g

**SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.549 mW/g**

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



0 dB = 1.39 W/kg

### 104\_CDMA2000 BC1\_RTAP 153.6\_Bottom Side\_1cm\_Ch1175

#### DUT: 311602

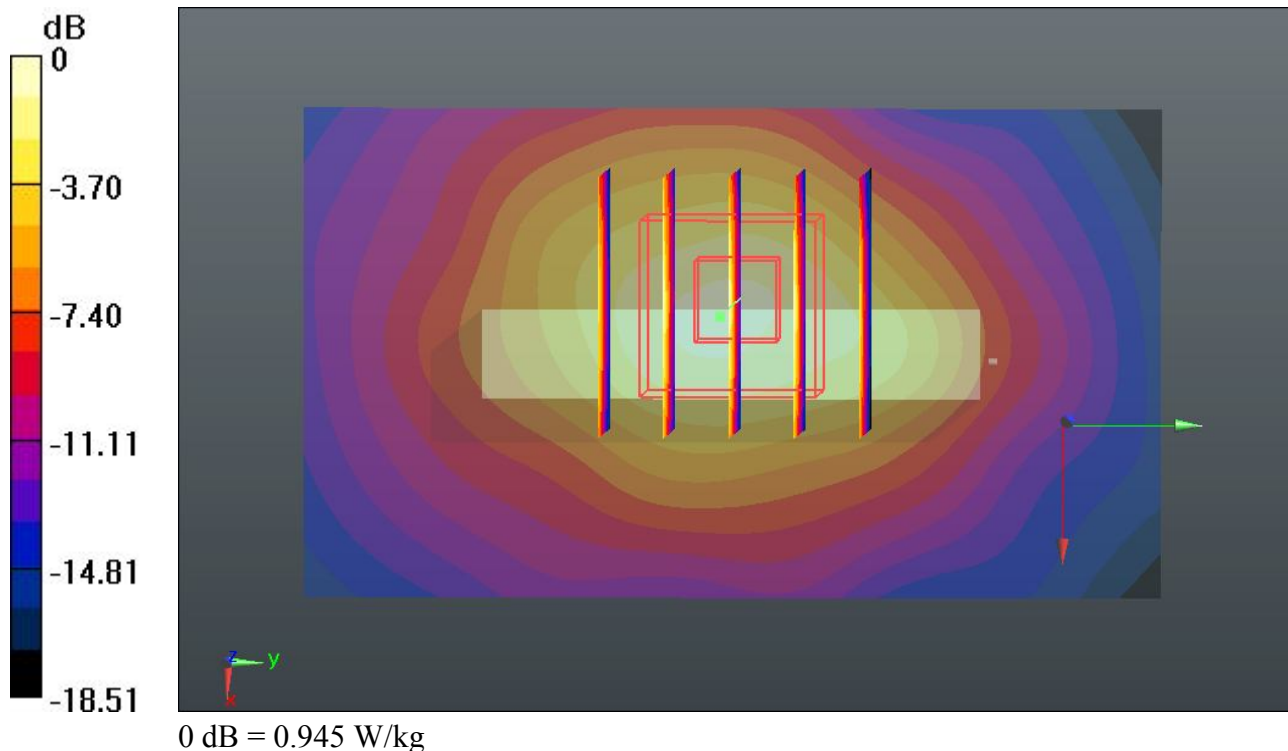
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 53.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

#### 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)

**Ch1175/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.786 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.143 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 1.184 mW/g  
**SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.368 mW/g**  
Maximum value of SAR (measured) = 0.945 W/kg



### 105\_CDMA2000 BC1\_RC3 SO32\_Front\_1cm\_Ch25

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.457$  mho/m;  $\epsilon_r = 54.029$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

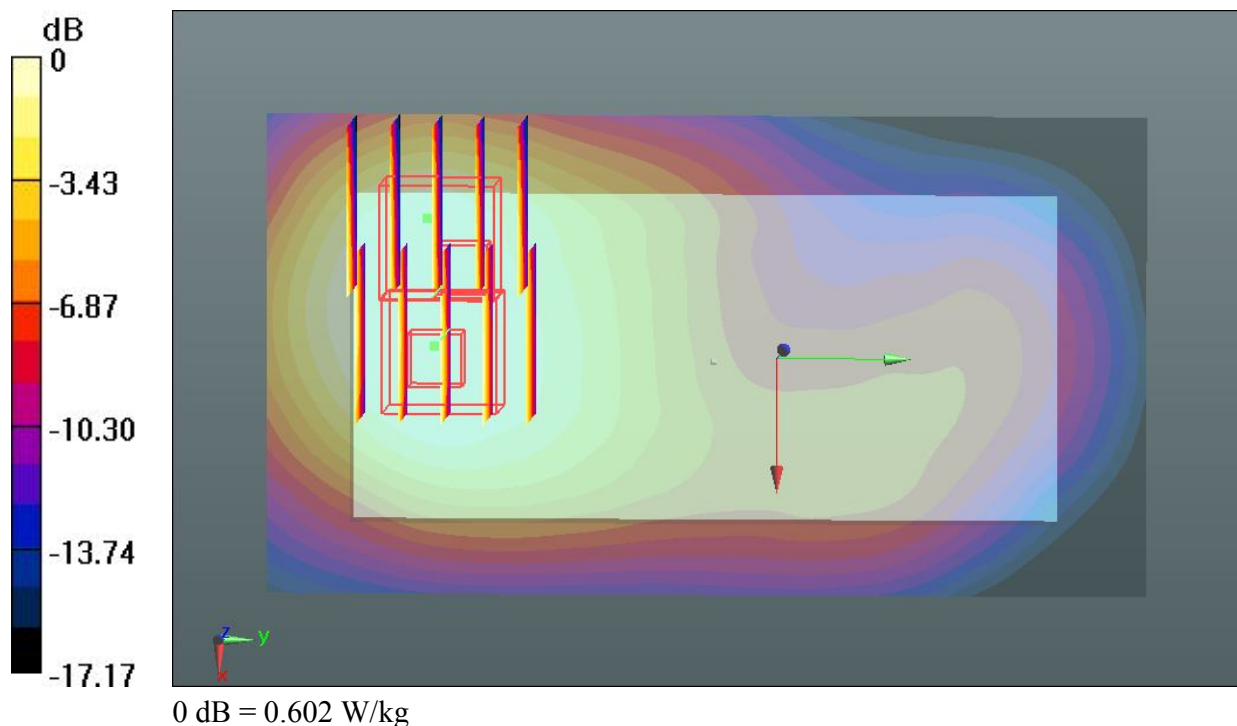
DASY5 Configuration:

- 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)

**Ch25/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.707 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.488 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.833 mW/g  
**SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.346 mW/g**  
Maximum value of SAR (measured) = 0.689 W/kg

**Ch25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.488 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.737 mW/g  
**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.266 mW/g**  
Maximum value of SAR (measured) = 0.602 W/kg



### 106\_CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.457 \text{ mho/m}$ ;  $\epsilon_r =$

$54.029$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

#### 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)

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.42 \text{ W/kg}$

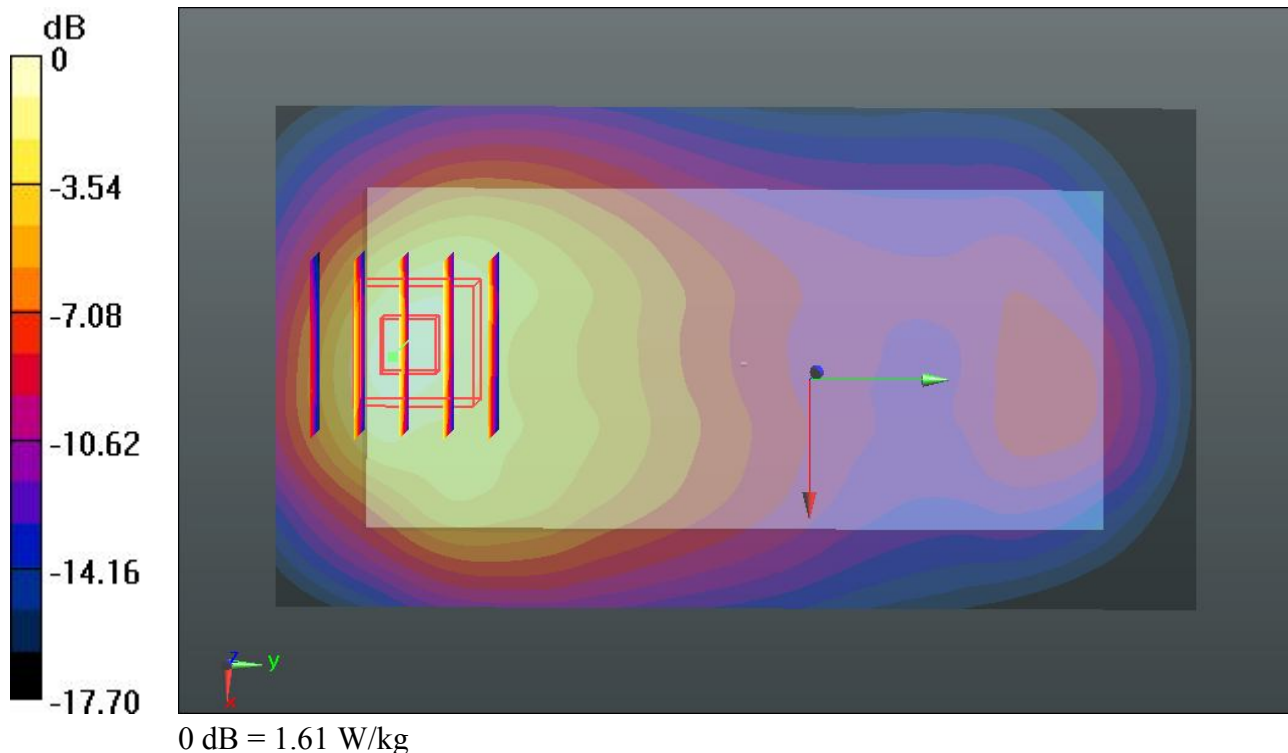
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $33.600 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.963 \text{ mW/g}$

**SAR(1 g) =  $1.21 \text{ mW/g}$ ; SAR(10 g) =  $0.678 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.61 \text{ W/kg}$



### 107\_CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

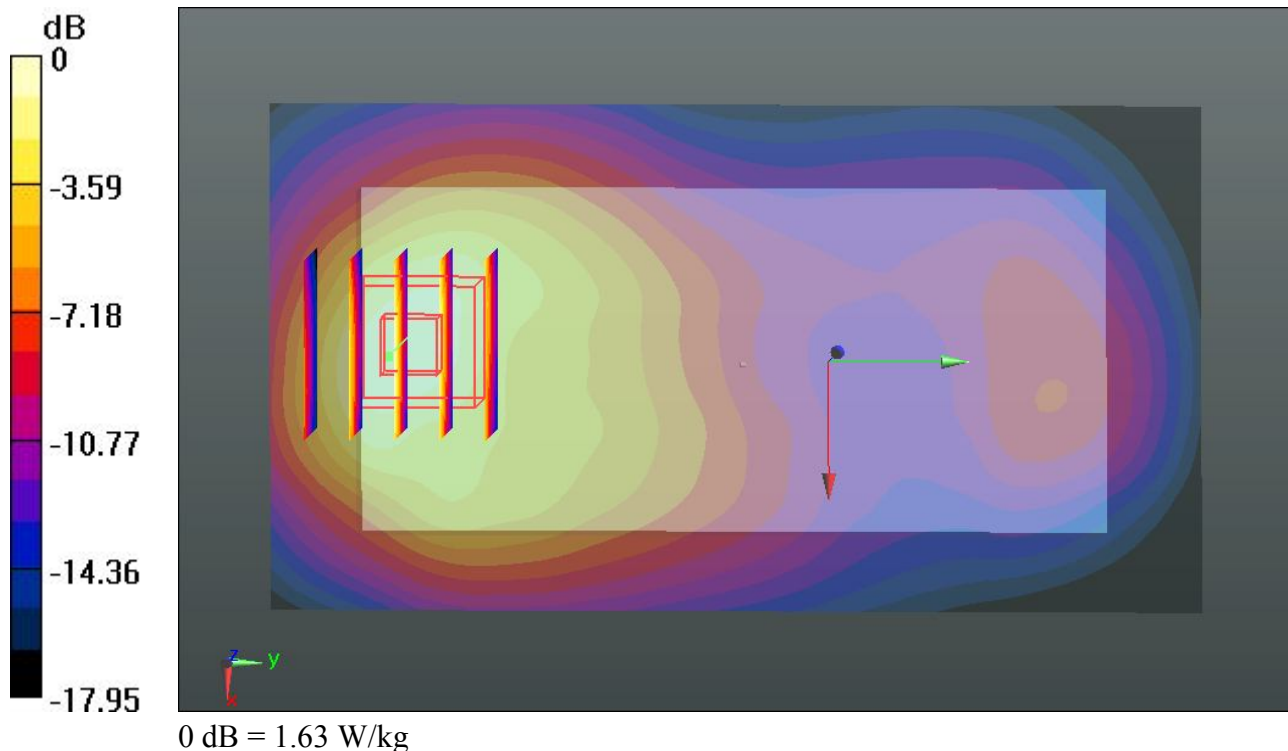
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.033 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.029 mW/g

**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.690 mW/g**

Maximum value of SAR (measured) = 1.63 W/kg





**108\_CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch1175**

**DUT: 311602**

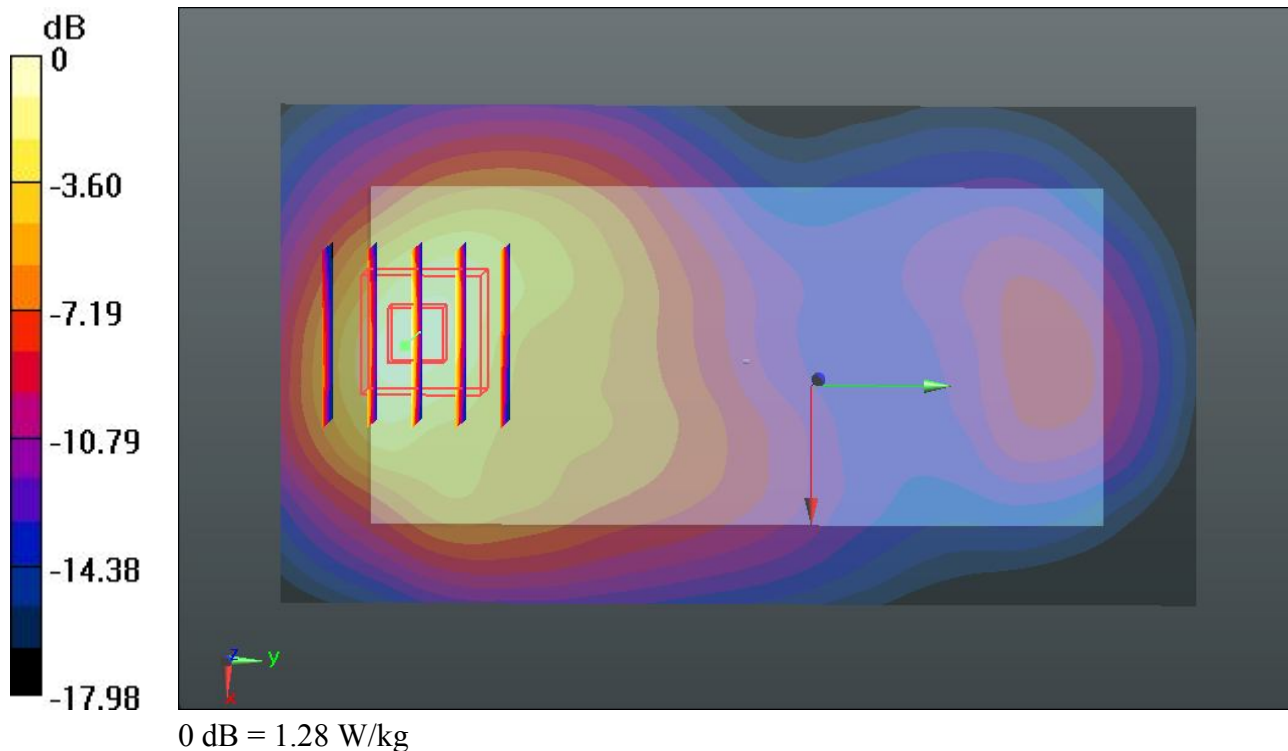
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 53.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**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)

**Ch1175/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.11 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 29.453 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 1.554 mW/g  
**SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.502 mW/g**  
 Maximum value of SAR (measured) = 1.28 W/kg



### 176\_CDMA2000 BC1\_RTEAP 4096\_Back\_1cm\_Ch25

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130202 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.474 \text{ mho/m}$ ;  $\epsilon_r =$

$54.678$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.46 \text{ W/kg}$

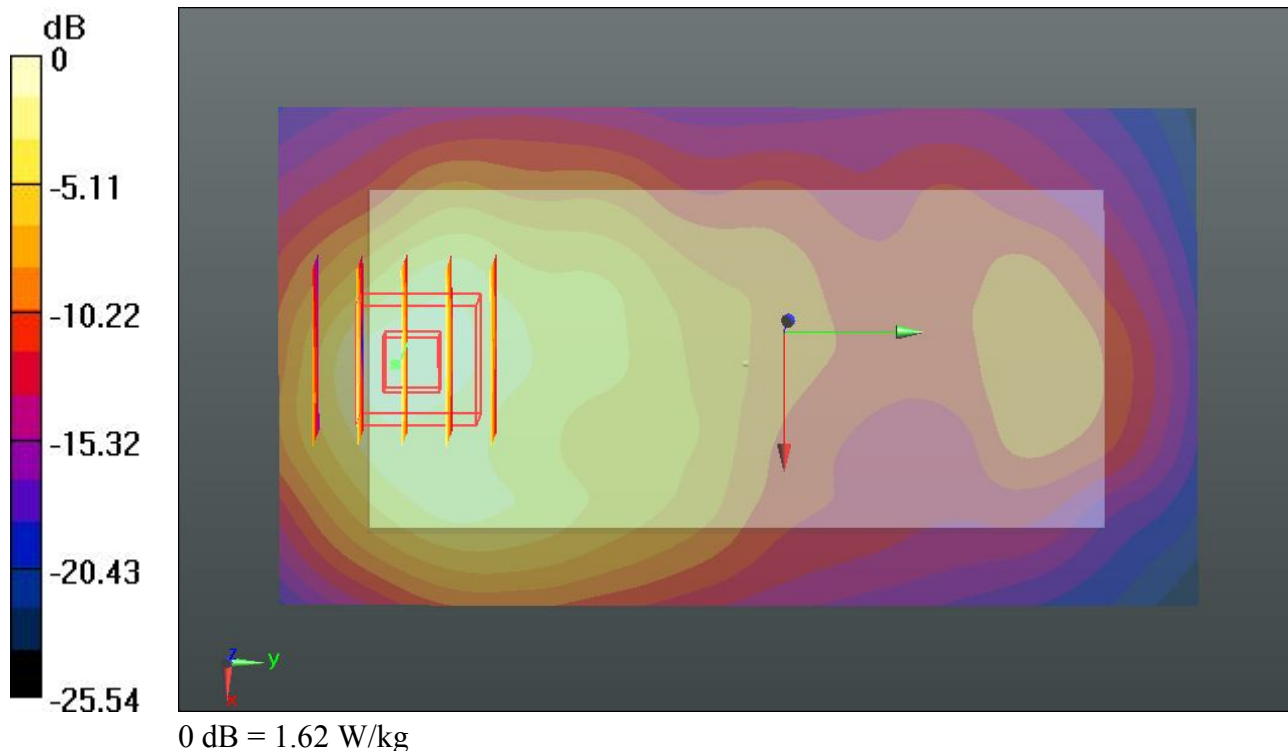
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $33.539 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $1.974 \text{ mW/g}$

**SAR(1 g) =  $1.19 \text{ mW/g}$ ; SAR(10 g) =  $0.657 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.62 \text{ W/kg}$



### 177\_CDMA2000 BC1\_RTEAP 4096\_Back\_1cm\_Ch600

#### DUT: 311602

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 54.609$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

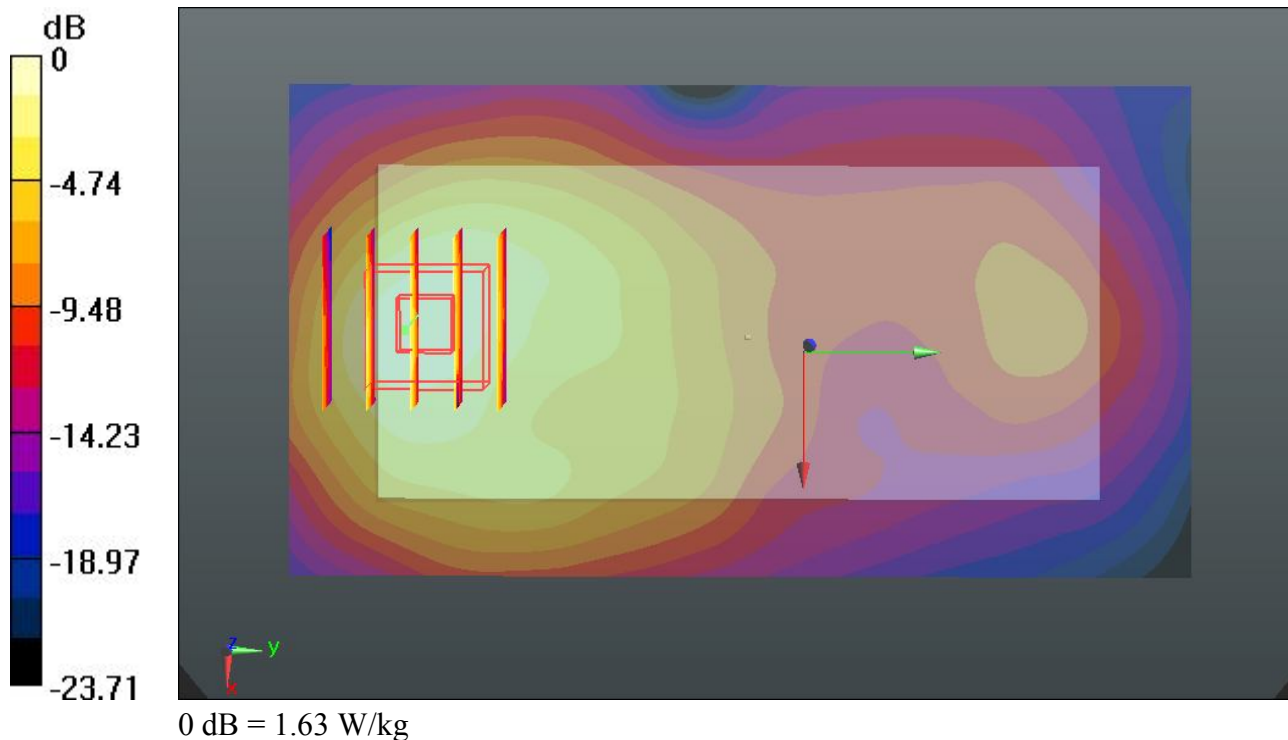
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.446 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.264 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.661 mW/g**

Maximum value of SAR (measured) = 1.63 W/kg



### 178\_CDMA2000 BC1\_RTEAP 4096\_Back\_1cm\_Ch1175

#### DUT: 311602

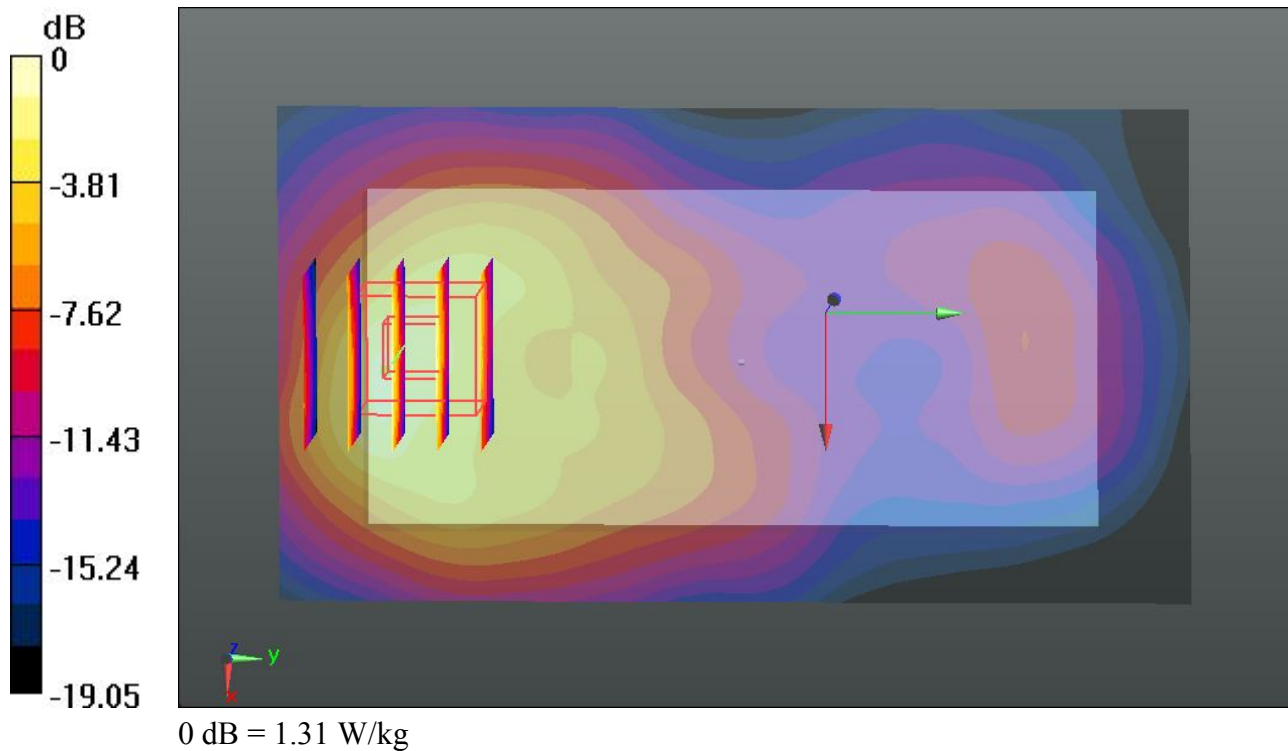
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130202 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1175/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.05 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 29.064 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.869 mW/g  
**SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.513 mW/g**  
Maximum value of SAR (measured) = 1.31 W/kg



**109\_CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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)

**Ch600/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

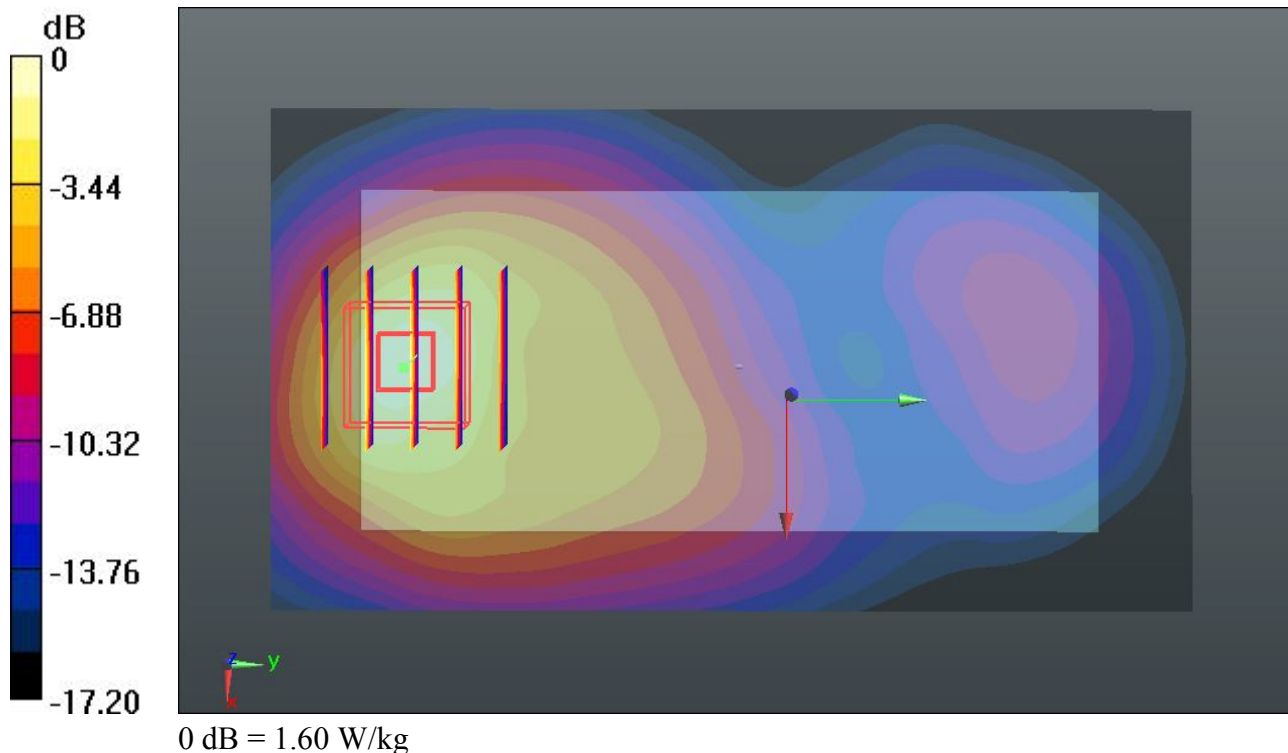
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.586 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.939 mW/g

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.647 mW/g**

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



**110\_CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.457 \text{ mho/m}$ ;  $\epsilon_r =$

$54.029$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

**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)

**Ch25/Area Scan (61x111x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.35 \text{ W/kg}$

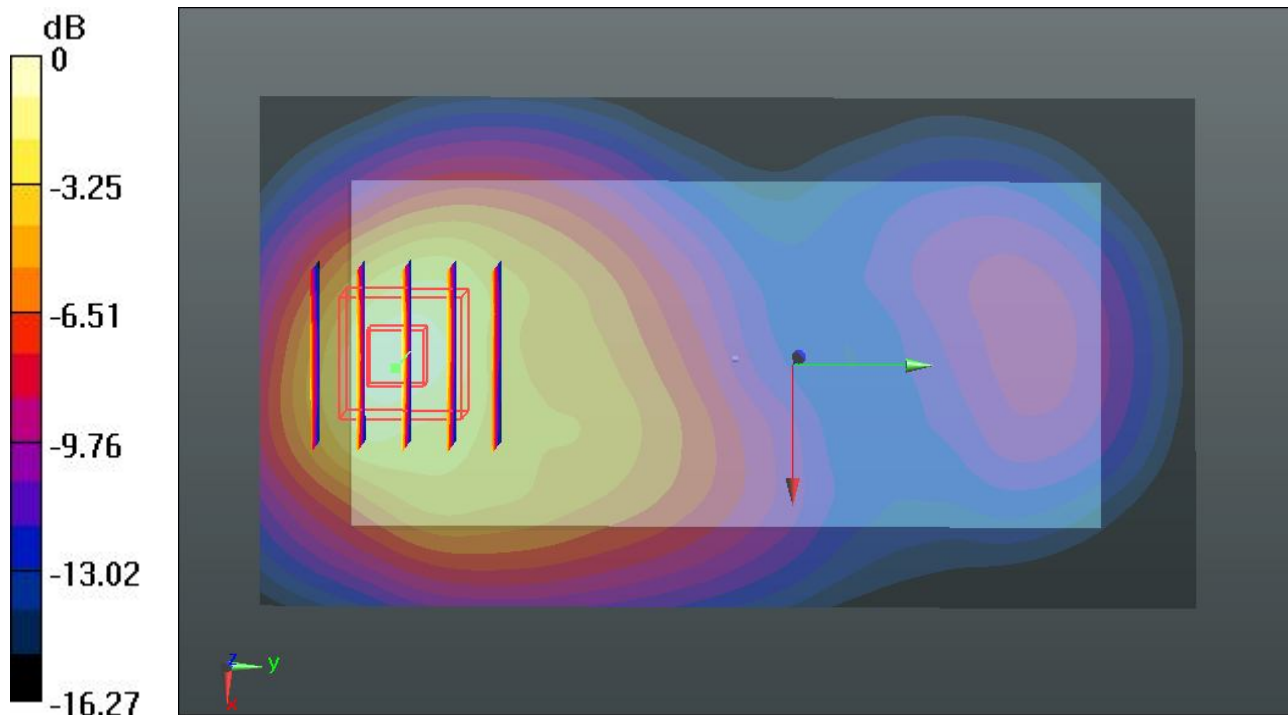
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $33.048 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.843 \text{ mW/g}$

**SAR(1 g) =  $1.14 \text{ mW/g}$ ; SAR(10 g) =  $0.639 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.53 \text{ W/kg}$



0 dB =  $1.53 \text{ W/kg}$



**111\_CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch1175\_Headset**

**DUT: 311602**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_130115 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.523$  mho/m;  $\epsilon_r = 53.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °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)

**Ch1175/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.881 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 26.335 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 1.224 mW/g  
**SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.396 mW/g**  
 Maximum value of SAR (measured) = 1.01 W/kg

