

### System Check\_Head\_5250MHz\_180115

**DUT: D5GHzV2-SN:1167**

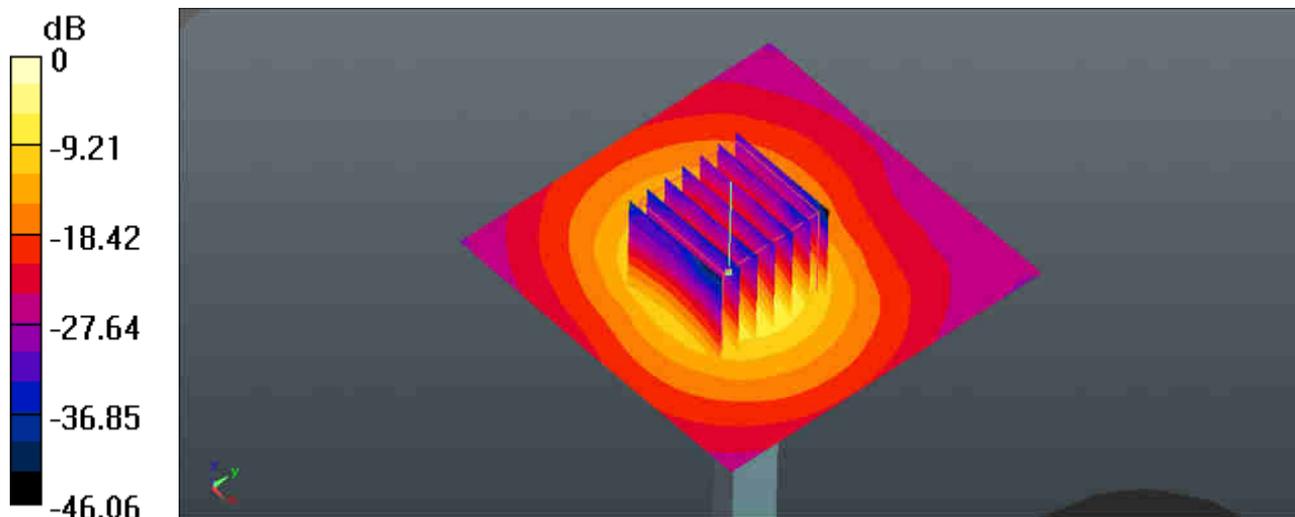
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1  
Medium: HSL\_5250\_180115 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.588$  S/m;  $\epsilon_r = 36.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(5.25, 5.25, 5.25); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 16.7 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 59.51 V/m; Power Drift = -0.18 dB  
Peak SAR (extrapolated) = 31.9 W/kg  
**SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.09 W/kg**  
Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 16.7 W/kg

### System Check\_Head\_5600MHz\_180115

**DUT: D5GHzV2-SN:1167**

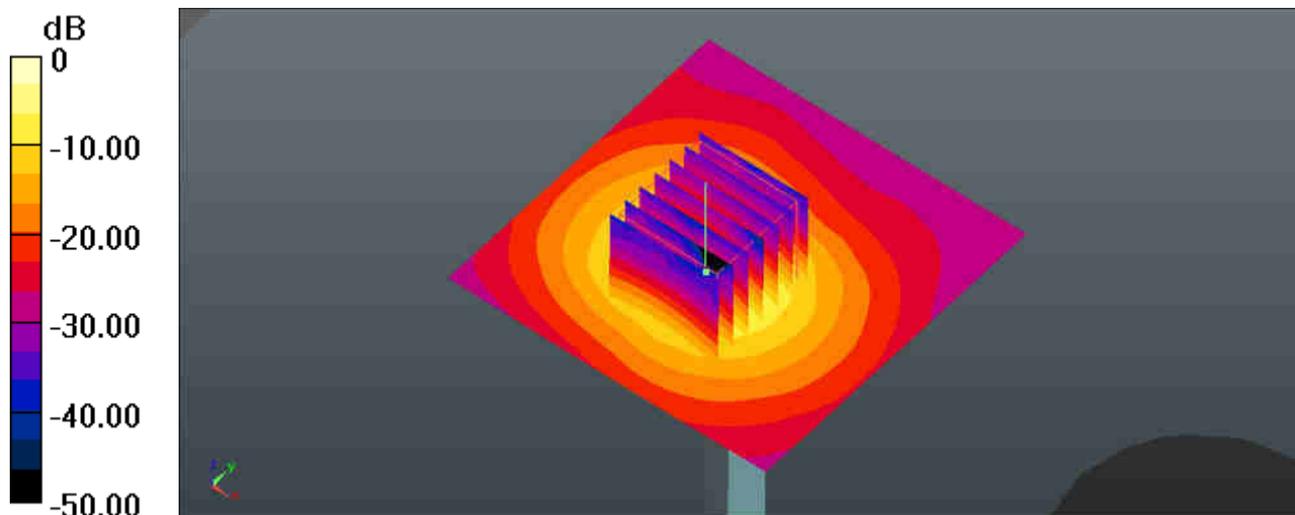
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1  
Medium: HSL\_5600\_180115 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.954$  S/m;  $\epsilon_r = 35.793$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.6, 4.6, 4.6); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 18.9 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 56.17 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 35.3 W/kg  
**SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.25 W/kg**  
Maximum value of SAR (measured) = 20.3 W/kg



0 dB = 20.3 W/kg

### System Check\_Head\_5750MHz\_180116

**DUT: D5GHzV2-SN:1167**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5750\_180116 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.119$  S/m;  $\epsilon_r = 35.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.93, 4.93, 4.93); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 17.5 W/kg

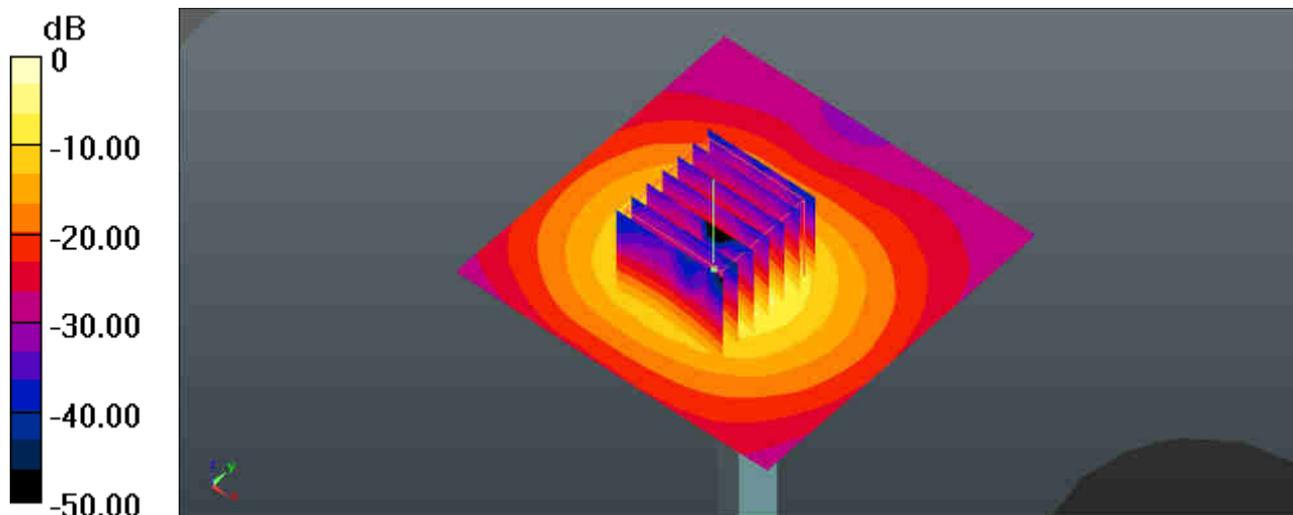
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.51 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 32.6 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.1 W/kg**

Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.3 W/kg

### System Check\_Body\_750MHz\_180104

**DUT: D750V3-SN:1087**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_180104 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.97 \text{ S/m}$ ;  $\epsilon_r = 54.642$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $2.60 \text{ W/kg}$

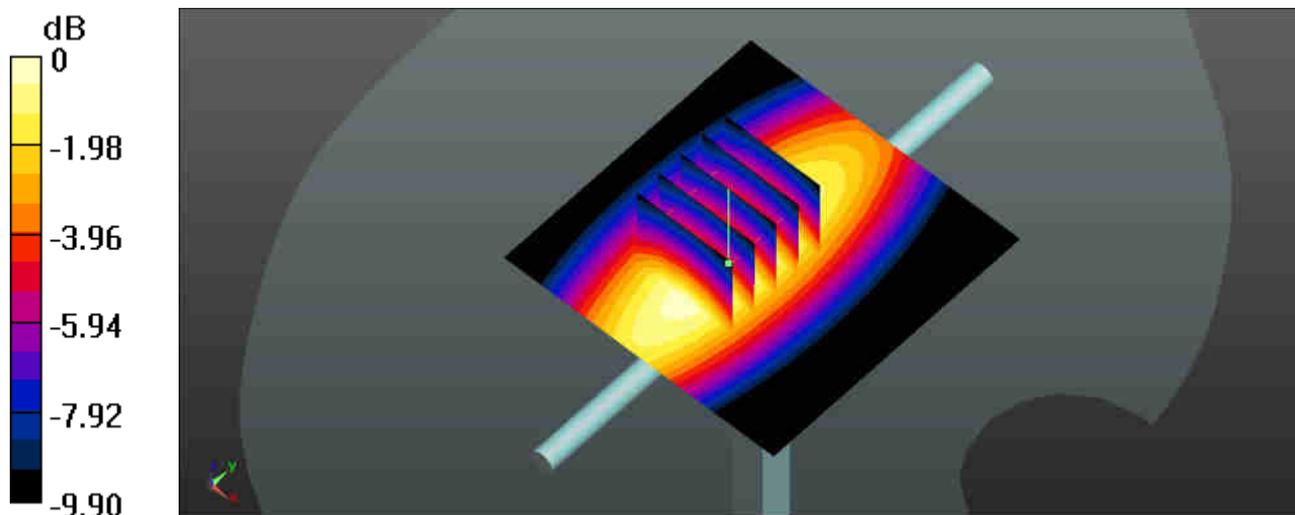
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $50.59 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

Peak SAR (extrapolated) =  $3.08 \text{ W/kg}$

**SAR(1 g) =  $2.1 \text{ W/kg}$ ; SAR(10 g) =  $1.4 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.64 \text{ W/kg}$



0 dB =  $2.64 \text{ W/kg}$

## System Check\_Body\_835MHz\_180104

**DUT: D835V2-SN:4d151**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_180104 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.994$  S/m;  $\epsilon_r = 54.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.16 W/kg

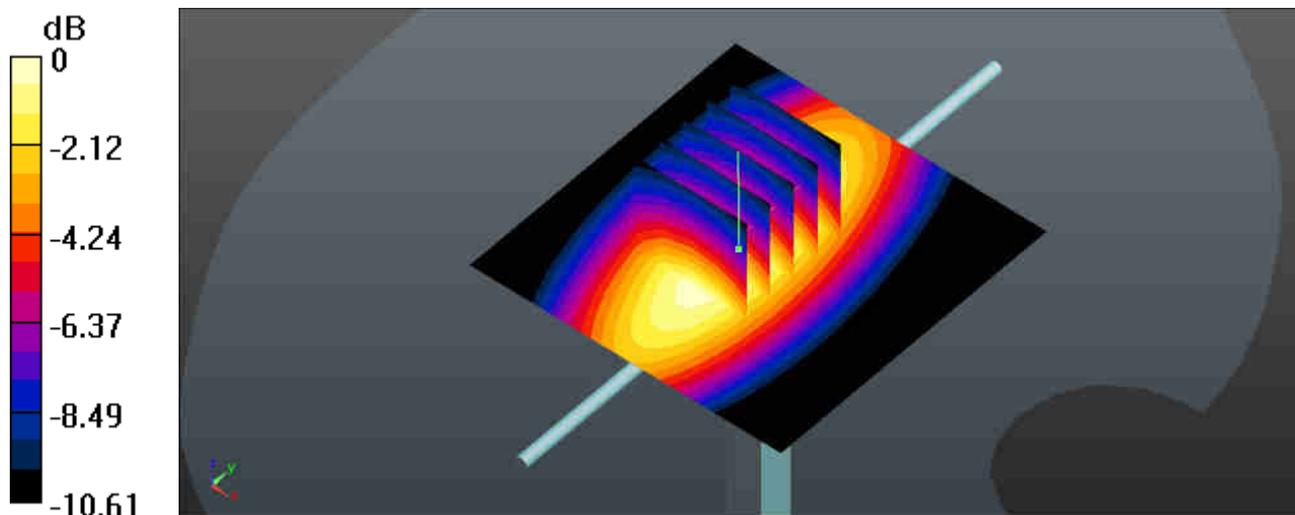
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.24 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.72 W/kg

**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.64 W/kg**

Maximum value of SAR (measured) = 3.18 W/kg



0 dB = 3.18 W/kg

## System Check\_Body\_1750MHz\_180118

**DUT: D1750V2-SN:1137**

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_180118 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.527$  S/m;  $\epsilon_r = 52.023$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.55, 7.55, 7.55); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.5 W/kg

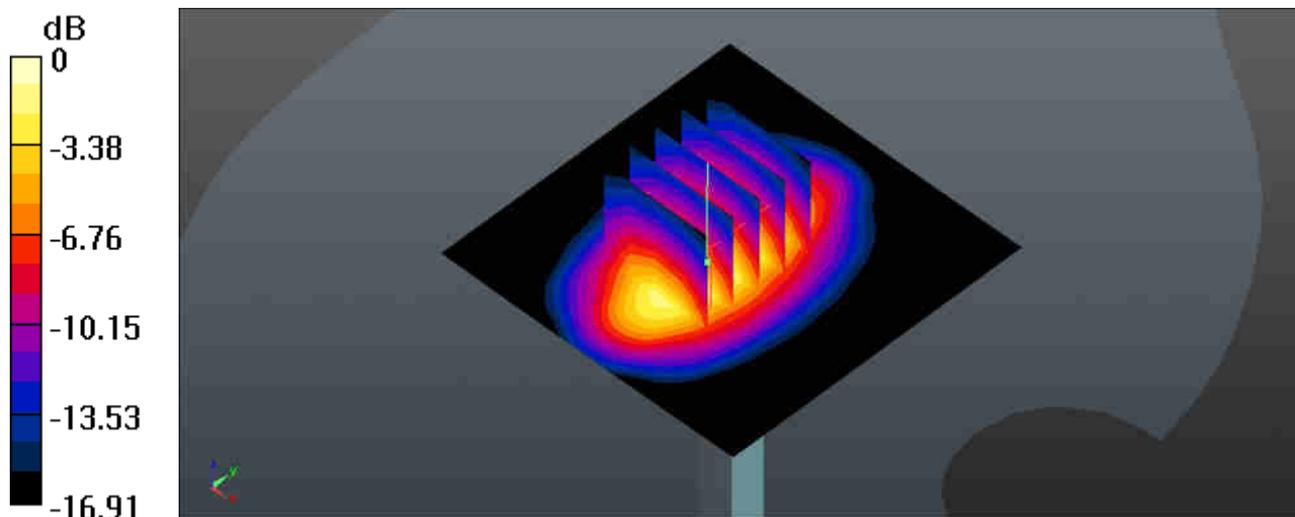
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.43 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 15.6 W/kg

**SAR(1 g) = 8.73 W/kg; SAR(10 g) = 4.61 W/kg**

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg

### System Check\_Body\_1900MHz\_180117

**DUT: D1900V2-SN:5d170**

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.58 \text{ S/m}$ ;  $\epsilon_r = 54.631$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.8 W/kg

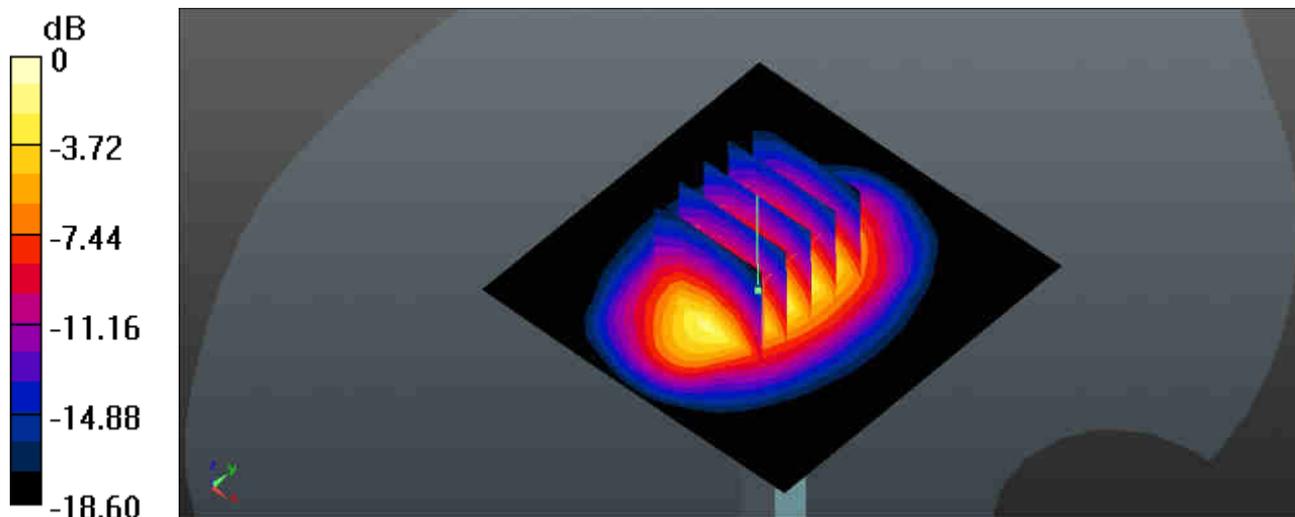
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.14 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.16 W/kg**

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg

### System Check\_Body\_2300MHz\_180119

**DUT: D2300V2-SN:1056**

Communication System: UID 0, CW ; Frequency: 2300 MHz;Duty Cycle: 1:1

Medium: MSL\_2300\_180119 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.764$  S/m;  $\epsilon_r = 53.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.78, 7.78, 7.78); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 17.0 W/kg

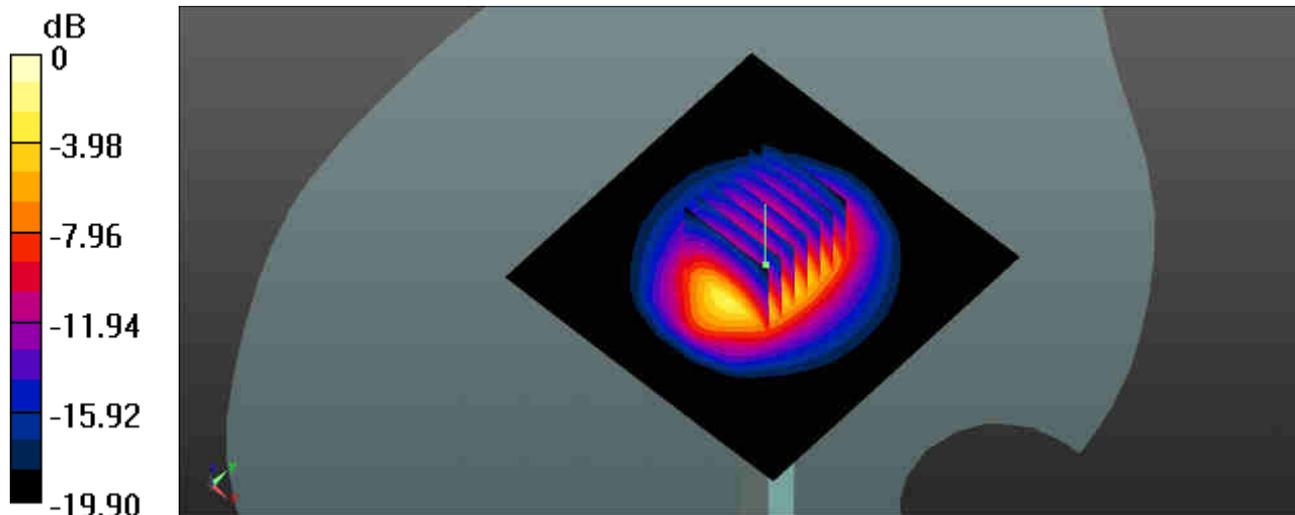
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 22.1 W/kg

**SAR(1 g) = 11.4 W/kg; SAR(10 g) = 5.48 W/kg**

Maximum value of SAR (measured) = 17.0 W/kg



0 dB = 17.0 W/kg

## System Check\_Body\_2450MHz\_180108

**DUT: D2450V2-SN:924**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_180108 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.949$  S/m;  $\epsilon_r = 51.667$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.09, 7.09, 7.09); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.5 W/kg

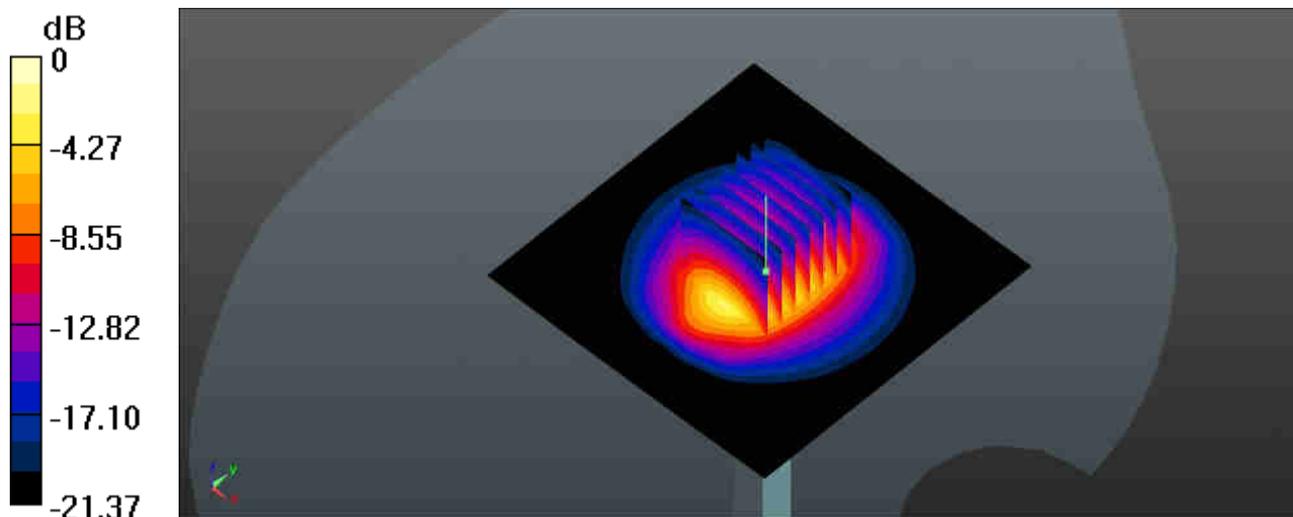
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.54 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 27.5 W/kg

**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.28 W/kg**

Maximum value of SAR (measured) = 20.6 W/kg



### System Check\_Body\_2600MHz\_180119

**DUT: D2600V2-SN:1008**

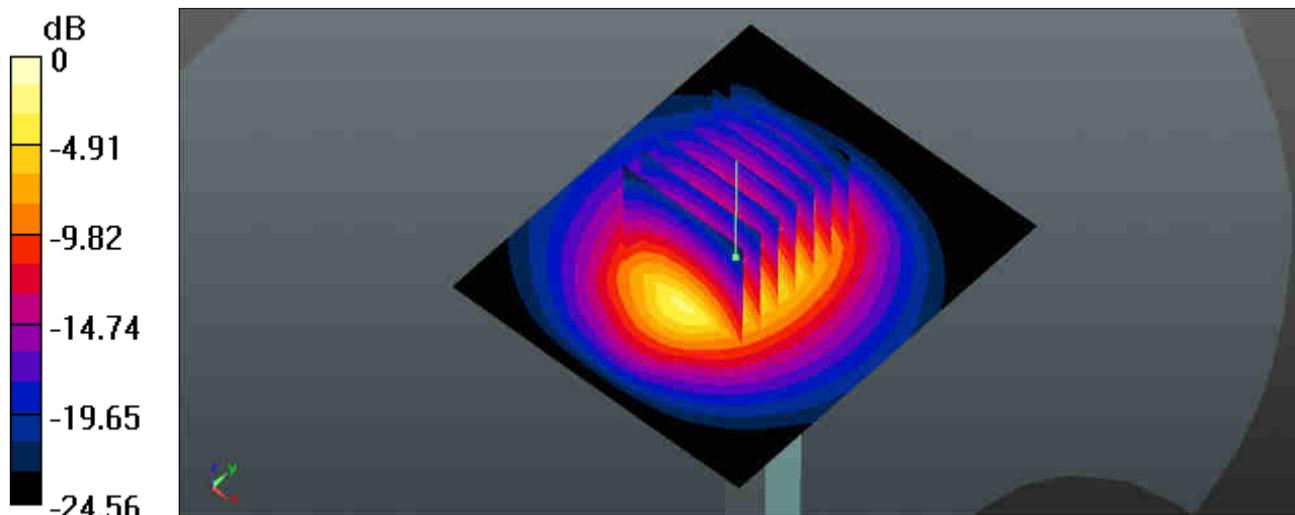
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_180119 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.184$  S/m;  $\epsilon_r = 50.734$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.37, 7.37, 7.37); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=250mW/Area Scan (61x71x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 21.2 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 95.73 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 29.7 W/kg  
**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.01 W/kg**  
Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg

### System Check\_Body\_5250MHz\_180111

**DUT: D5GHzV2-SN:1167**

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1

Medium: MSL\_5250\_180111 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 5.298$  S/m;  $\epsilon_r = 50.997$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.8, 4.8, 4.8); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 16.9 W/kg

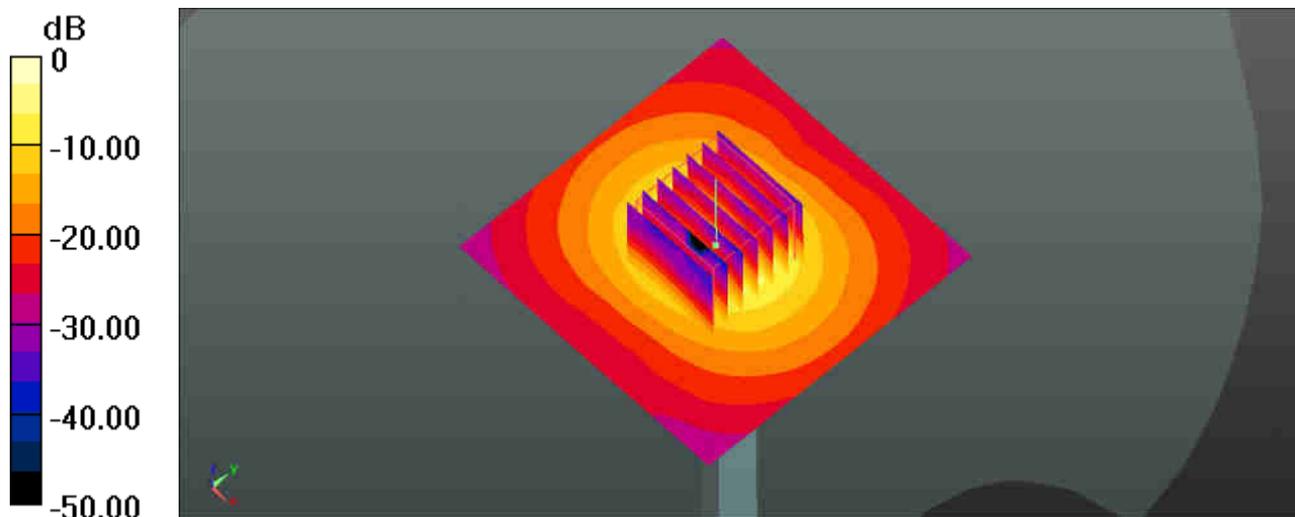
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.28 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.6 W/kg

**SAR(1 g) = 7.15 W/kg; SAR(10 g) = 2.01 W/kg**

Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 16.9 W/kg

### System Check\_Body\_5600MHz\_180113

**DUT: D5GHzV2-SN:1167**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL\_5600\_180113 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.789$  S/m;  $\epsilon_r = 47.929$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.12, 4.12, 4.12); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 20.6 W/kg

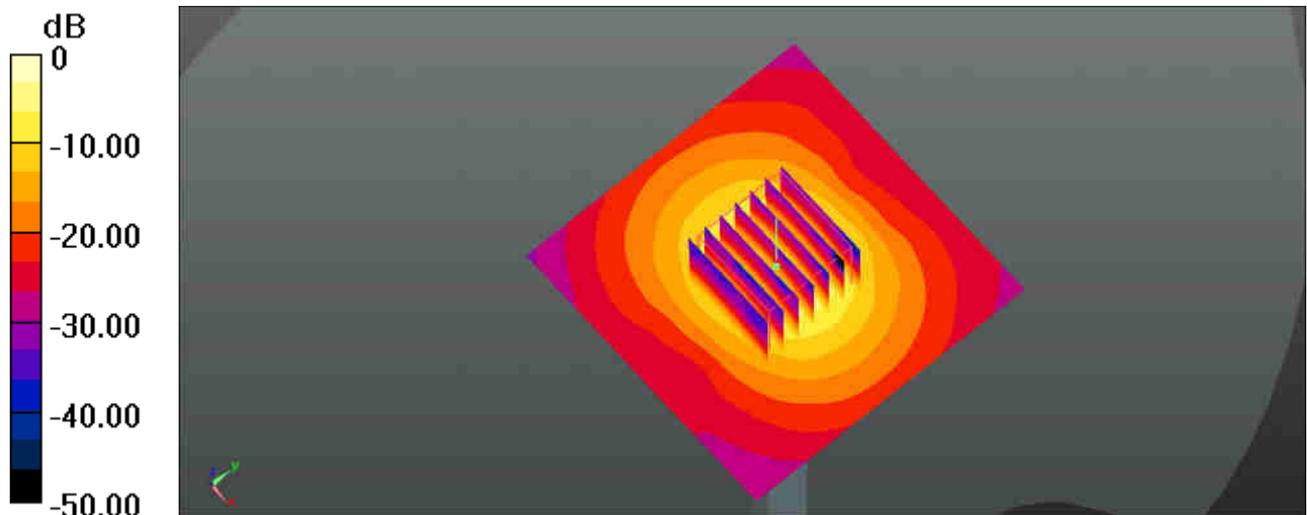
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.88 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 40.9 W/kg

**SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg

### System Check\_Body\_5750MHz\_180114

**DUT: D5GHzV2-SN:1167**

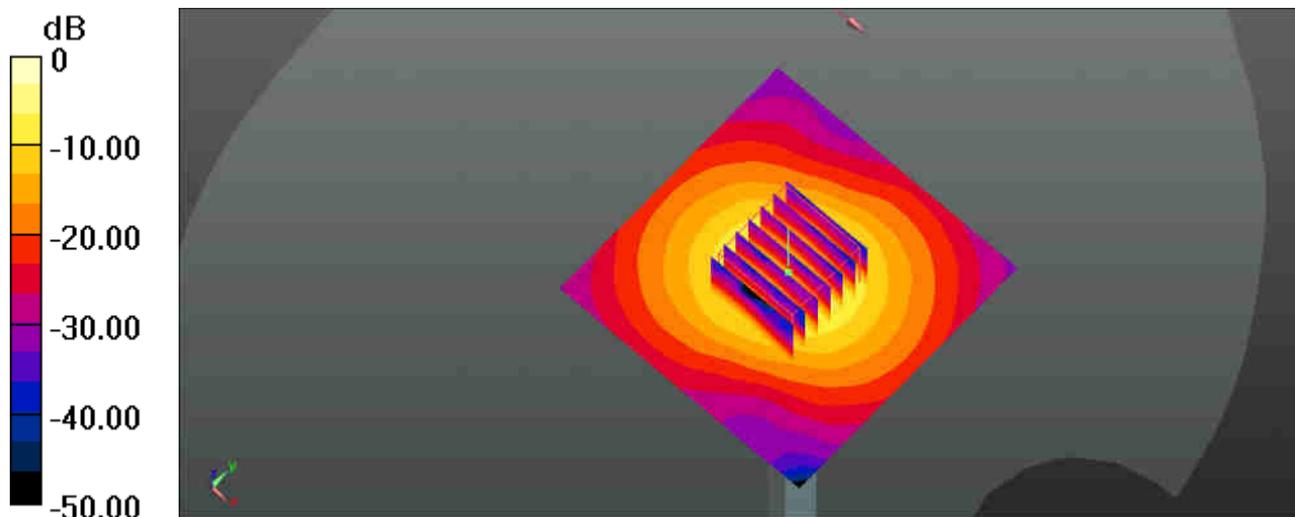
Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1  
Medium: MSL\_5750\_180114 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 6.207$  S/m;  $\epsilon_r = 47.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.23, 4.23, 4.23); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 18.7 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 64.57 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 38.2 W/kg  
**SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.09 W/kg**  
Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 20.0 W/kg



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

The plots are shown as follows.

### 01\_GSM850\_GPRS(4 Tx slots)\_Right Cheek\_Ch128

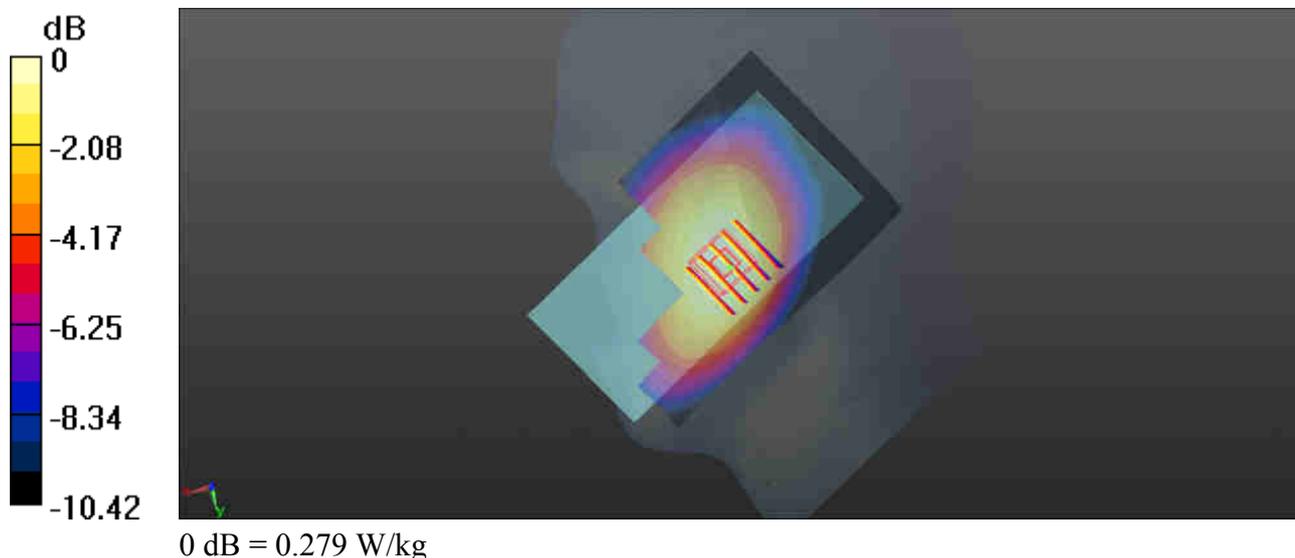
Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_835\_180101 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 42.109$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.3, 10.3, 10.3); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.286 W/kg

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.054 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.308 W/kg  
**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.188 W/kg**  
Maximum value of SAR (measured) = 0.279 W/kg



## 02\_GSM 1900\_GPRS(4 Tx slots)\_Right Cheek\_Ch512

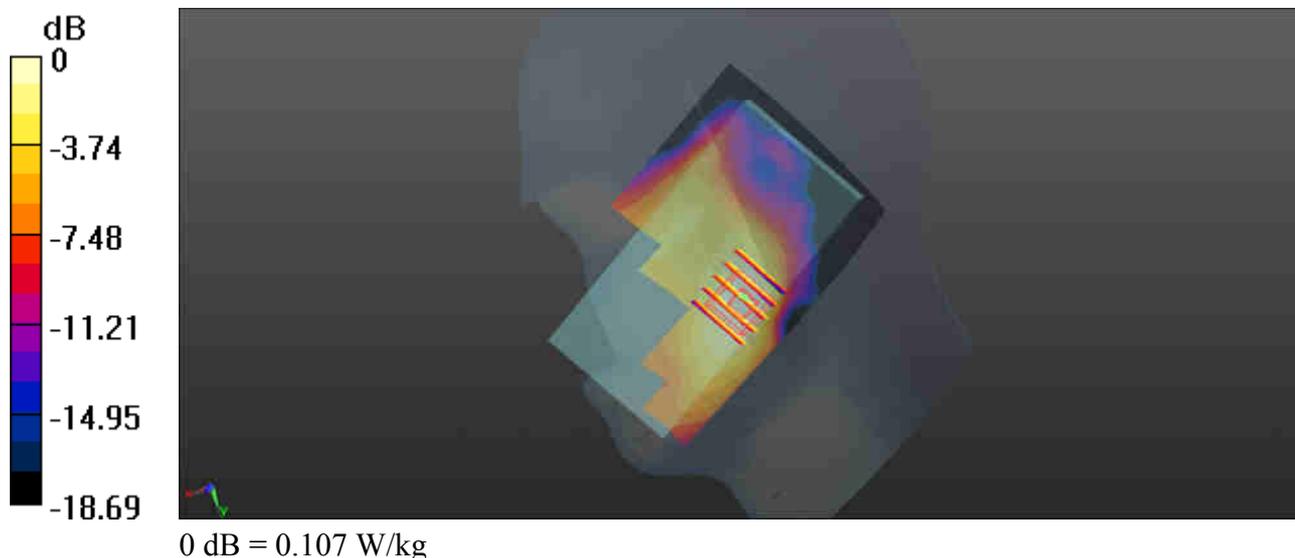
Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08  
Medium: HSL\_1900\_171231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 41.312$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.31, 8.31, 8.31); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.106 W/kg

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.4090 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.129 W/kg  
**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.054 W/kg**  
Maximum value of SAR (measured) = 0.107 W/kg



### 03\_WCDMA Band V\_RMC 12.2Kbps\_Right Cheek\_Ch4182

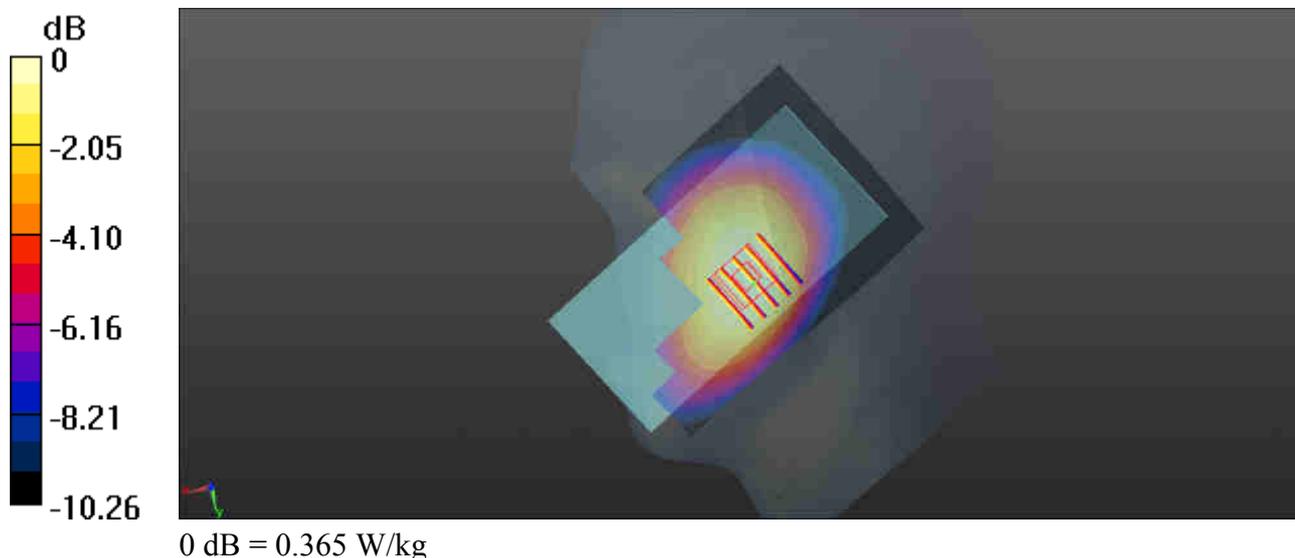
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_180101 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 41.975$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.3, 10.3, 10.3); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.371 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.256 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.403 W/kg  
**SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.246 W/kg**  
Maximum value of SAR (measured) = 0.365 W/kg



### 04\_WCDMA Band IV\_RMC 12.2Kbps\_Right Cheek\_Ch1513

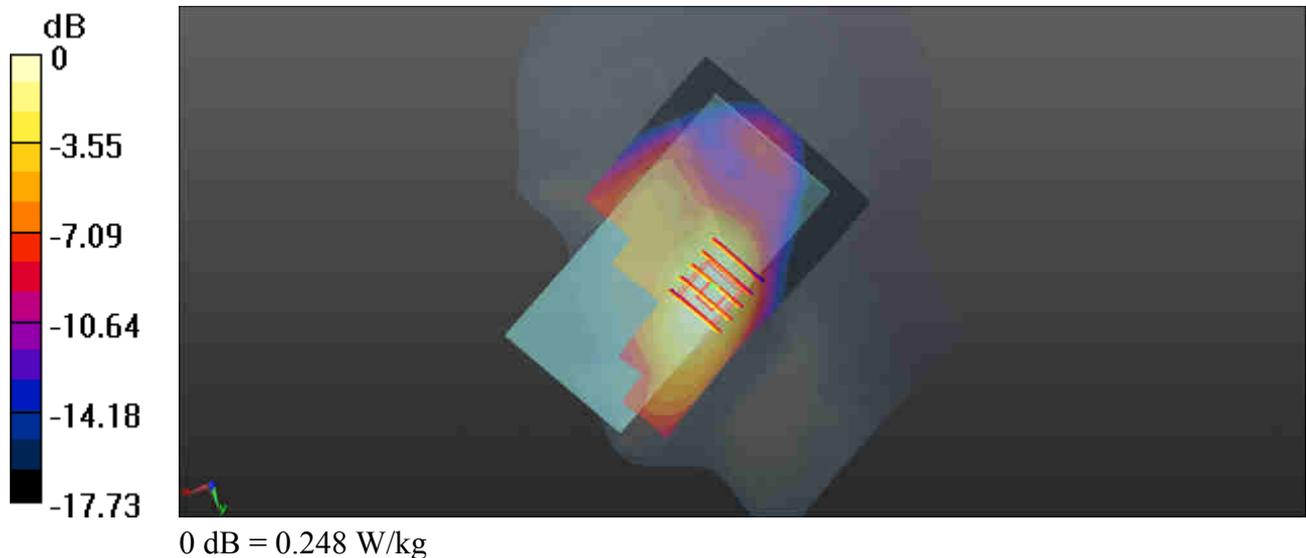
Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_171231 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 41.526$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.61, 8.61, 8.61); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.252 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.303 W/kg  
**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.133 W/kg**  
Maximum value of SAR (measured) = 0.248 W/kg



### 05\_WCDMA Band II\_RMC 12.2Kbps\_Right Cheek\_Ch9262

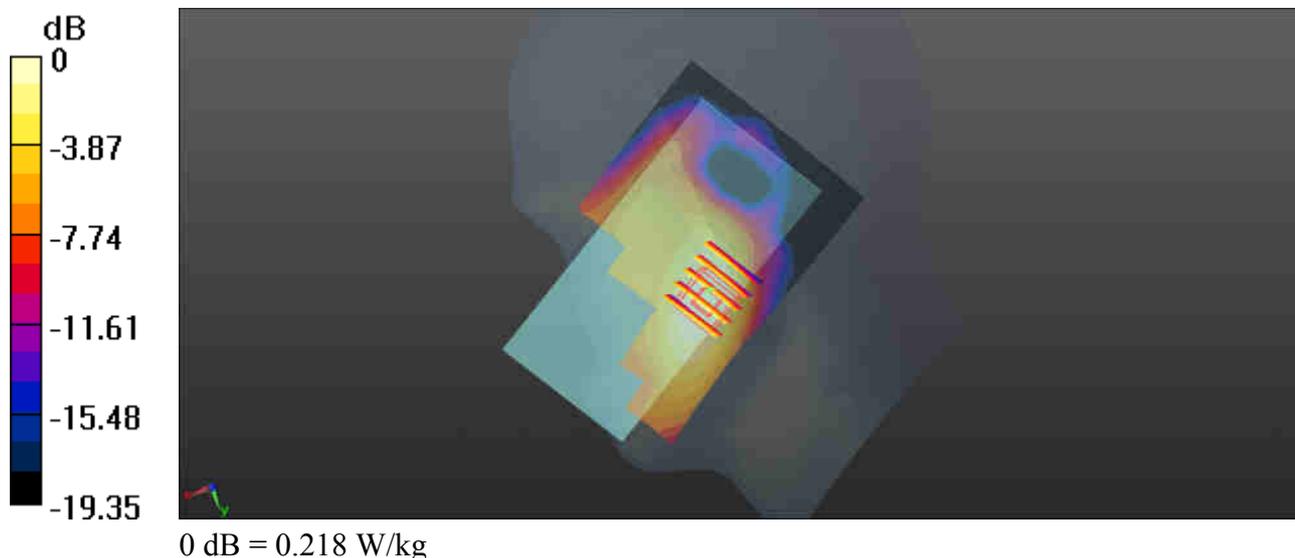
Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1900\_171231 Medium parameters used:  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.375 \text{ S/m}$ ;  $\epsilon_r = 41.302$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.31, 8.31, 8.31); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.223 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 0 V/m; Power Drift = 0.06 dB  
 Peak SAR (extrapolated) = 0.271 W/kg  
**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.112 W/kg**  
 Maximum value of SAR (measured) = 0.218 W/kg



### 06\_CDMA2000 BC10\_RC3 SO55\_Right Cheek\_Ch476

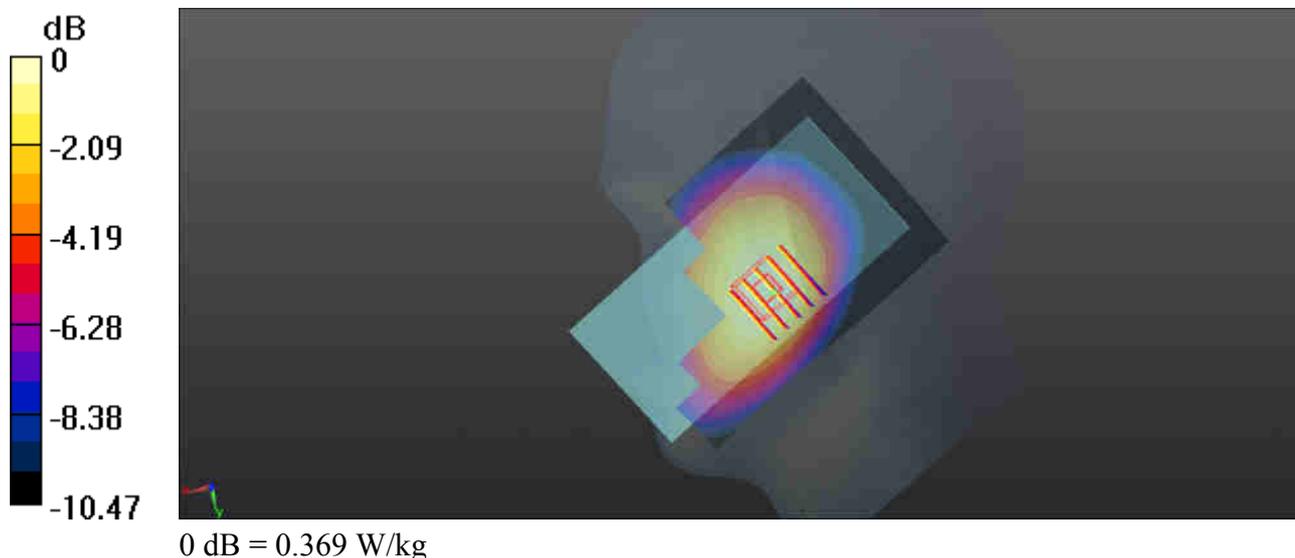
Communication System: UID 0, CDMA2000 (0); Frequency: 823.1 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_180101 Medium parameters used:  $f = 823.1$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 42.118$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.3, 10.3, 10.3); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch476/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.374 W/kg

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.7820 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.406 W/kg  
**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.248 W/kg**  
Maximum value of SAR (measured) = 0.369 W/kg



### 07\_CDMA2000 BC0\_RC3 SO55\_Right Cheek\_Ch1013

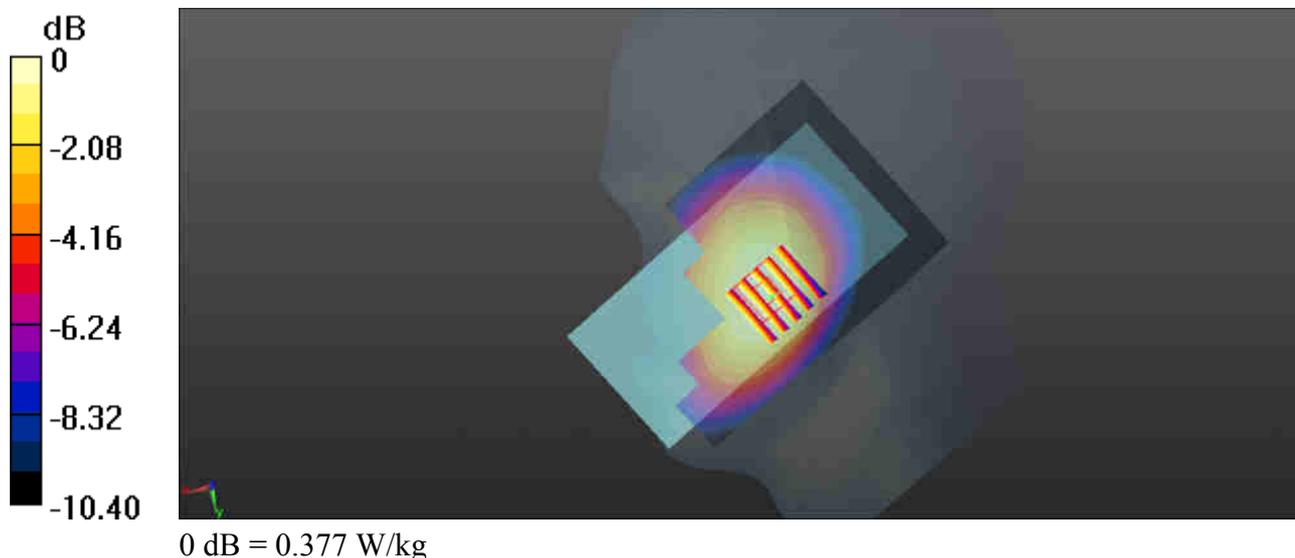
Communication System: UID 0, CDMA2000 (0); Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_180101 Medium parameters used:  $f = 824.7$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 42.098$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.3, 10.3, 10.3); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1013/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.383 W/kg

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.9330 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.414 W/kg  
**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.253 W/kg**  
Maximum value of SAR (measured) = 0.377 W/kg



### 08\_CDMA2000 BC1\_RC3 SO55\_Right Cheek\_Ch600

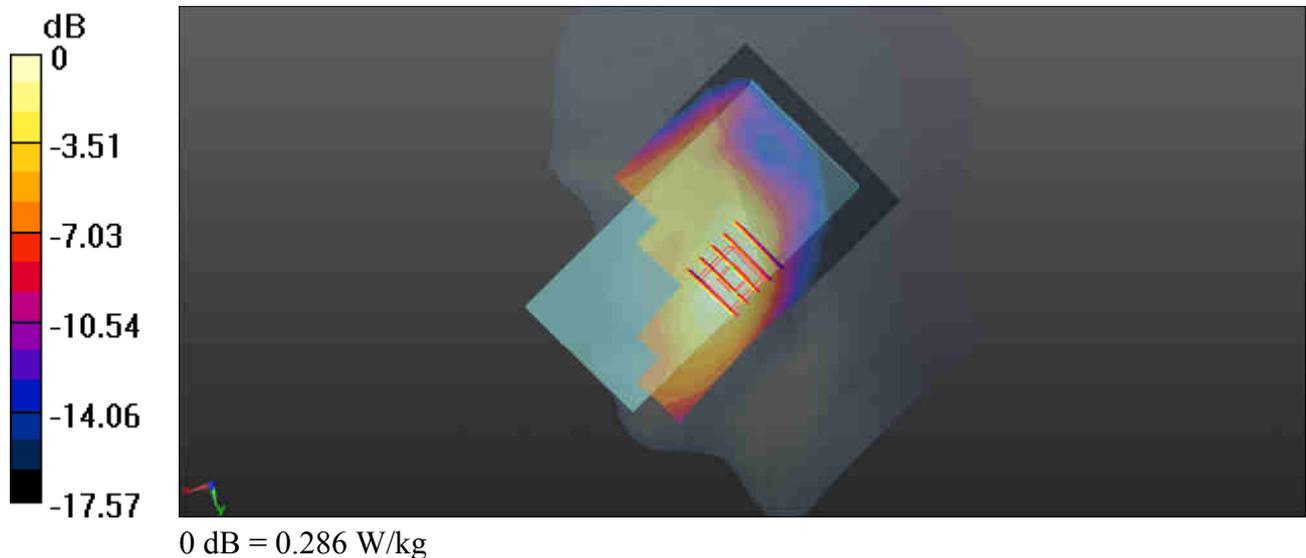
Communication System: UID 0, CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_171231 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 41.197$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.31, 8.31, 8.31); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch600/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.299 W/kg

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.2060 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.353 W/kg  
**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.145 W/kg**  
Maximum value of SAR (measured) = 0.286 W/kg



### 09\_LTE Band 12\_10M\_QPSK\_1RB\_49Offset\_Right Cheek\_Ch23095

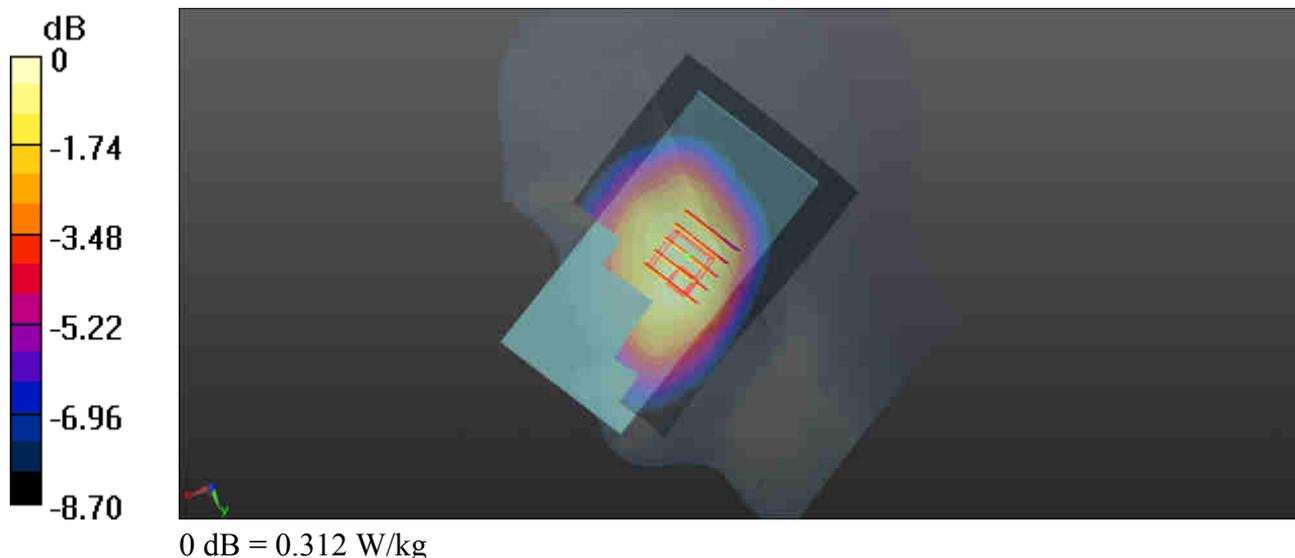
Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_180102 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 42.44$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(11.04, 11.04, 11.04); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.272 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.125 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.350 W/kg  
**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.212 W/kg**  
Maximum value of SAR (measured) = 0.312 W/kg



### 10\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23230

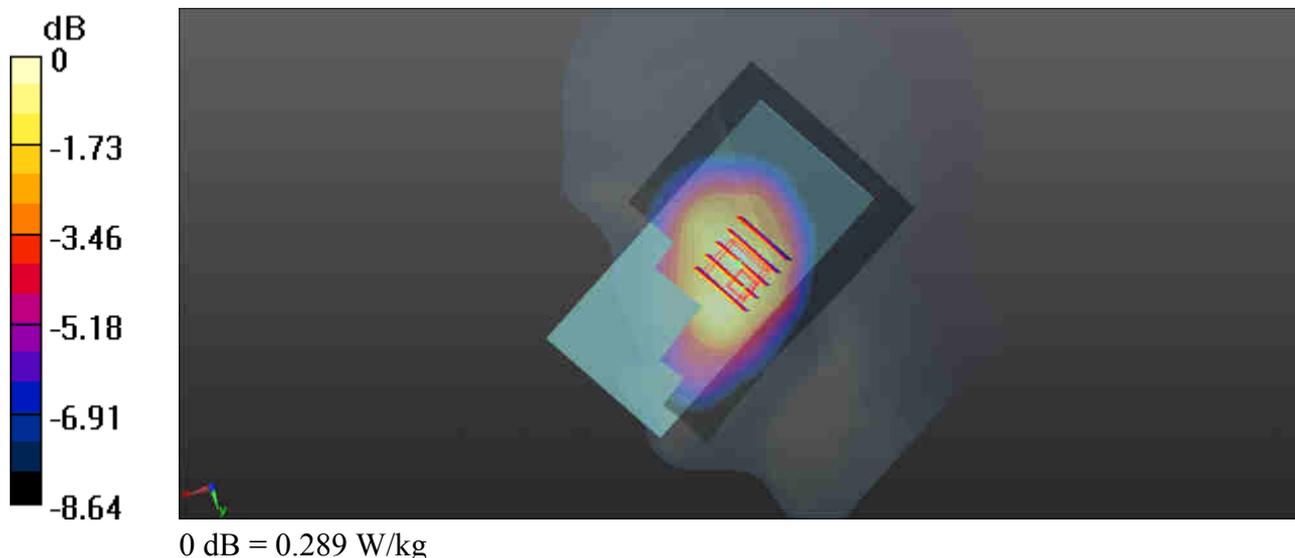
Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_180102 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 40.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(11.04, 11.04, 11.04); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.266 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.6910 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 0.332 W/kg  
**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.174 W/kg**  
Maximum value of SAR (measured) = 0.289 W/kg



### 11\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23330

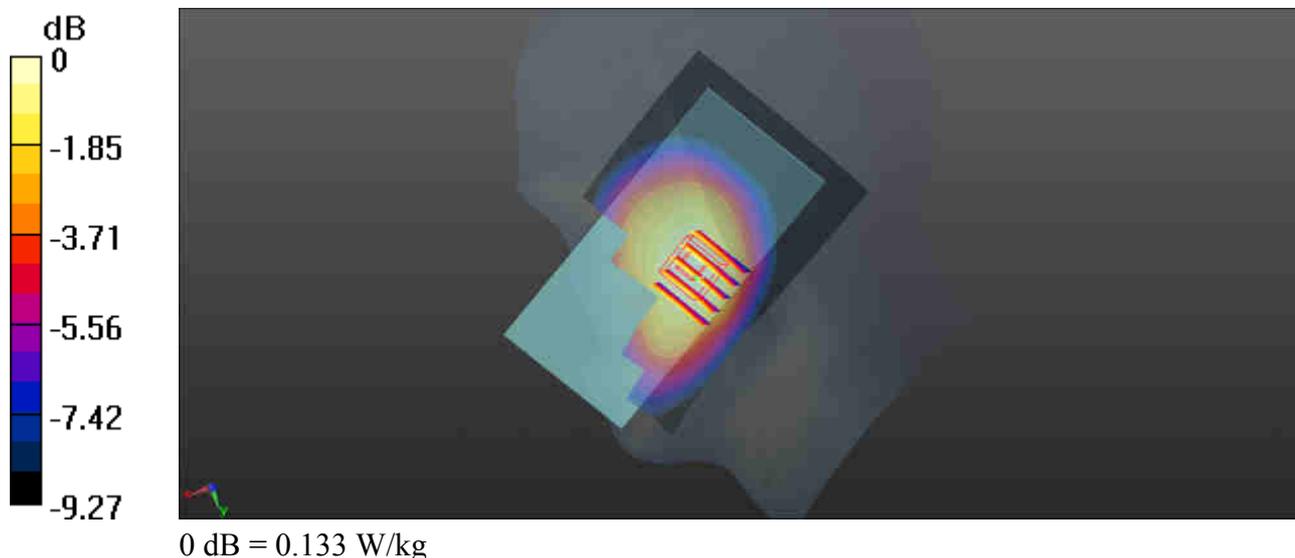
Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_180102 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 40.65$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(11.04, 11.04, 11.04); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23330/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.135 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.4170 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.149 W/kg  
**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.090 W/kg**  
Maximum value of SAR (measured) = 0.133 W/kg



## 12\_LTE Band 26\_15M\_QPSK\_1RB\_74Offset\_Right Cheek\_Ch26765

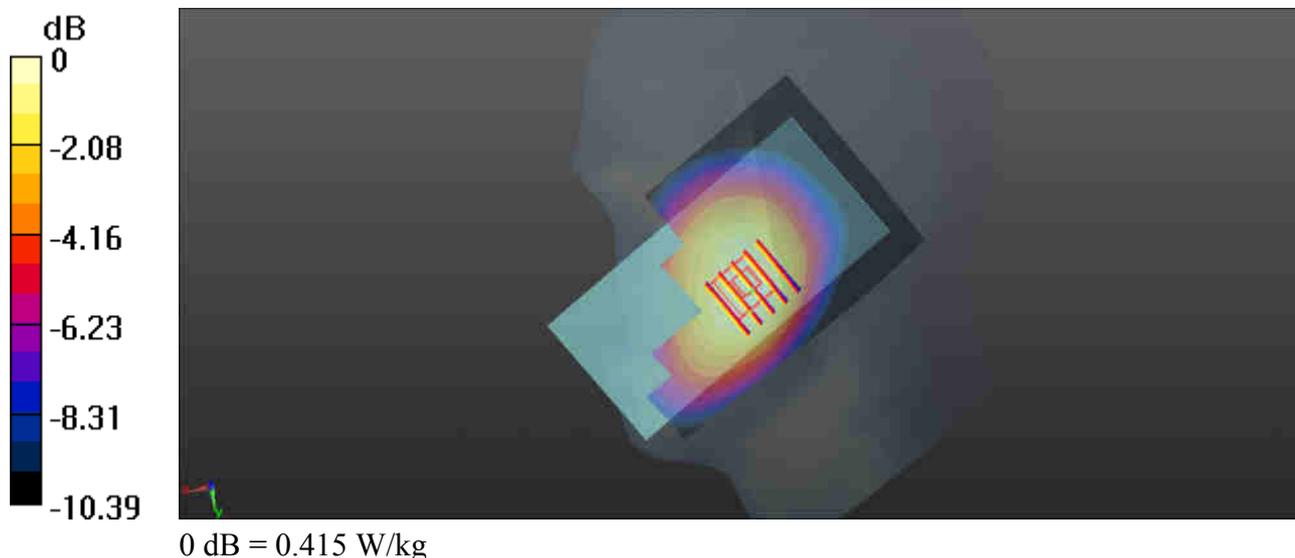
Communication System: UID 0, LTE (0); Frequency: 821.5 MHz; Duty Cycle: 1:1  
 Medium: HSL\_835\_180101 Medium parameters used:  $f = 821.5$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.122$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.3, 10.3, 10.3); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26765/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.404 W/kg

**Ch26765/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 1.214 V/m; Power Drift = 0.06 dB  
 Peak SAR (extrapolated) = 0.479 W/kg  
**SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.269 W/kg**  
 Maximum value of SAR (measured) = 0.415 W/kg



### 13\_LTE Band 66\_20M\_QPSK\_1RB\_99Offset\_Right Cheek\_Ch132322

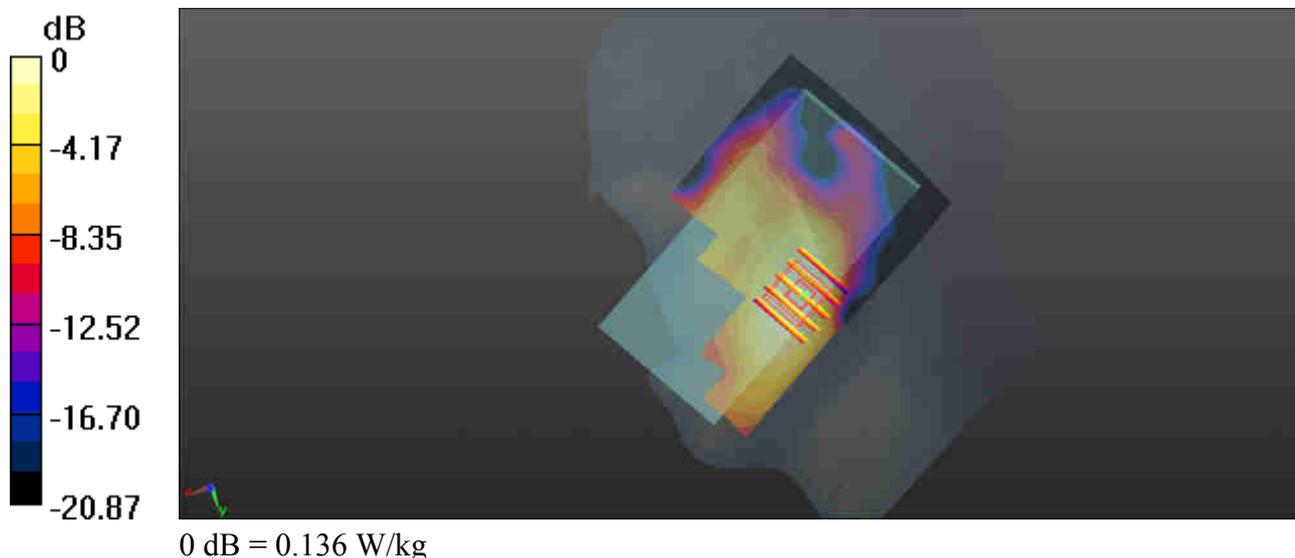
Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_171231 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 41.572$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.61, 8.61, 8.61); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132322/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.136 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.161 W/kg  
**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.071 W/kg**  
Maximum value of SAR (measured) = 0.136 W/kg



### 14\_LTE Band 25\_20M\_QPSK\_1RB\_49Offset\_Right Cheek\_Ch26140

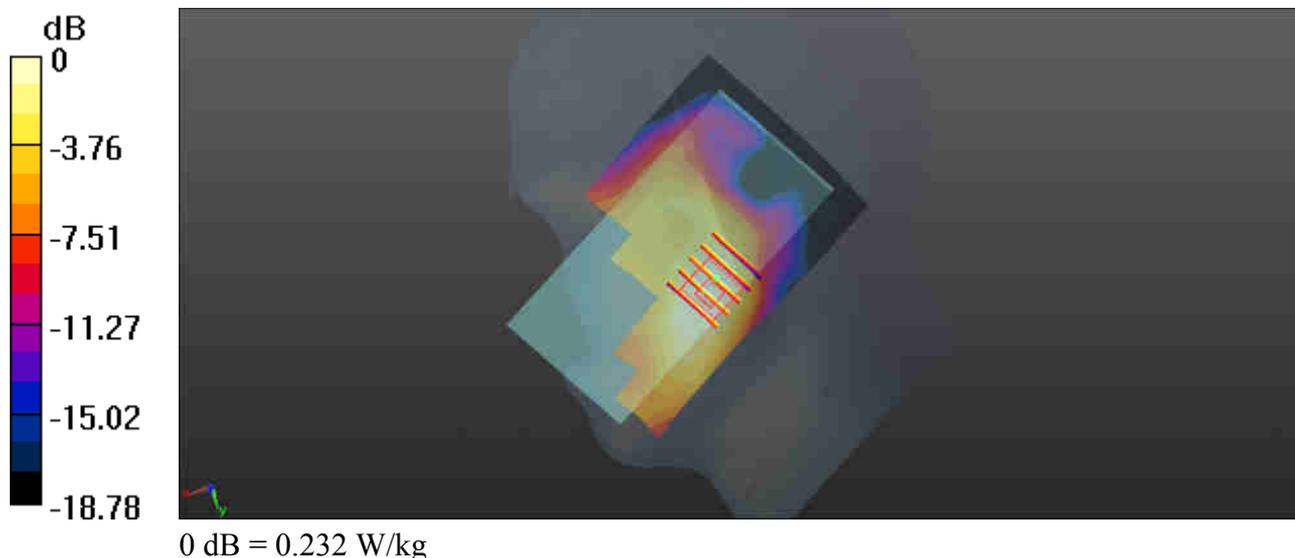
Communication System: UID 0, LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_171231 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.385$  S/m;  $\epsilon_r = 41.271$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.31, 8.31, 8.31); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.252 W/kg

**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.279 W/kg  
**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.124 W/kg**  
Maximum value of SAR (measured) = 0.232 W/kg



### 15\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Left Cheek\_Ch27710

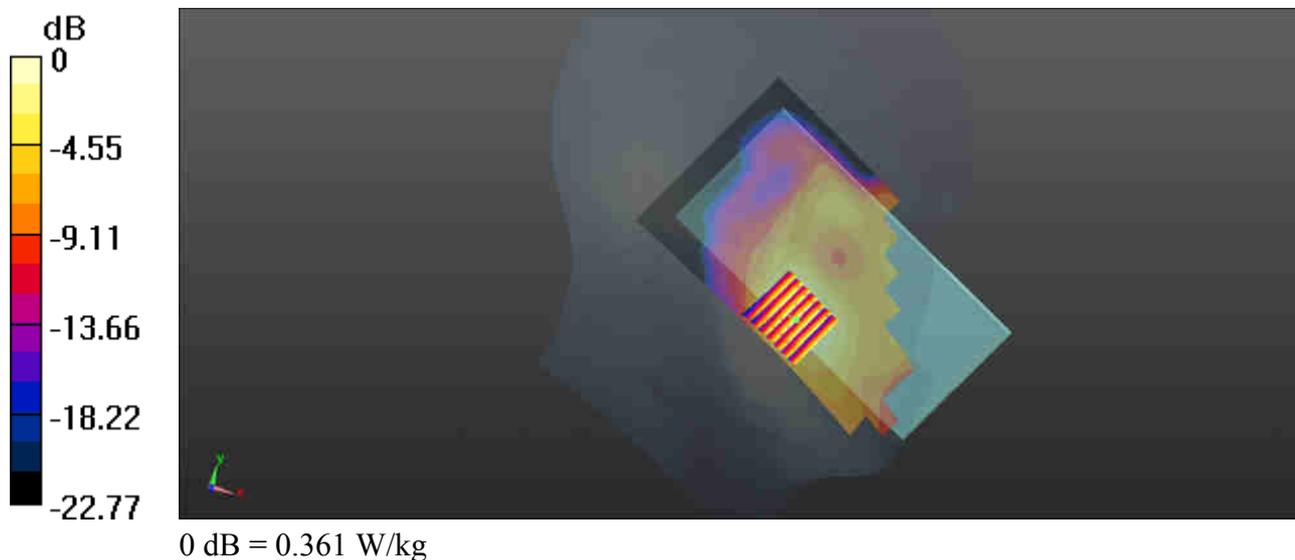
Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300\_180107 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.703$  S/m;  $\epsilon_r = 38.742$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.35, 7.35, 7.35); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.344 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.529 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.459 W/kg  
**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.141 W/kg**  
Maximum value of SAR (measured) = 0.361 W/kg



### 16\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Left Cheek\_Ch20850

Communication System: UID 0, LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_180107 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 40.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(6.9, 6.9, 6.9); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.775 W/kg

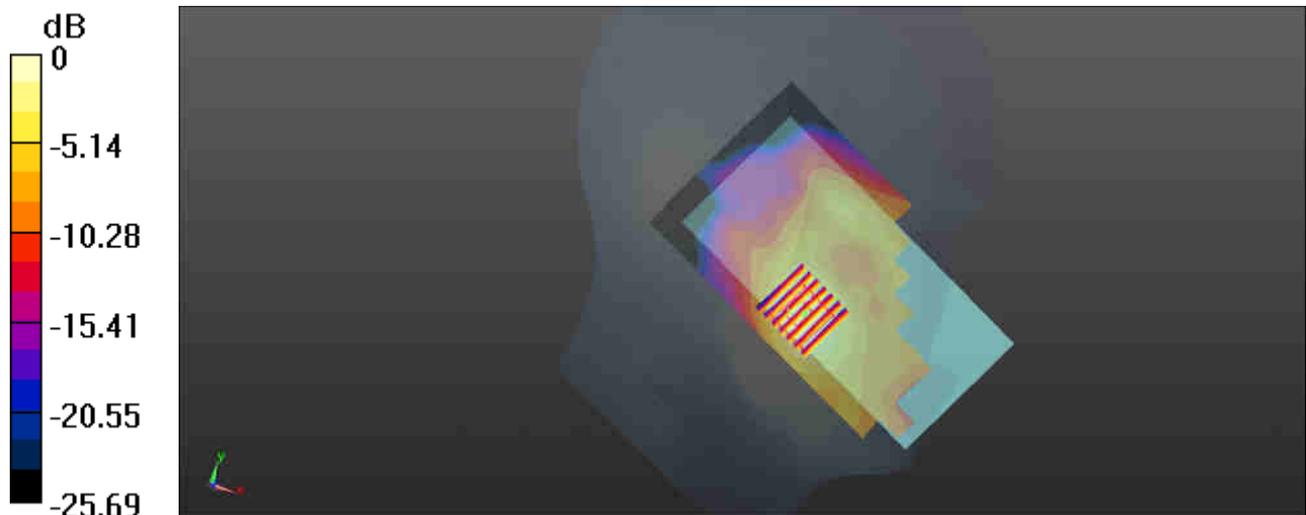
**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.829 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.267 W/kg**

Maximum value of SAR (measured) = 0.737 W/kg



0 dB = 0.737 W/kg

### 17\_LTE Band 41\_QPSK\_1RB\_99Offset\_Left Cheek\_Ch39750

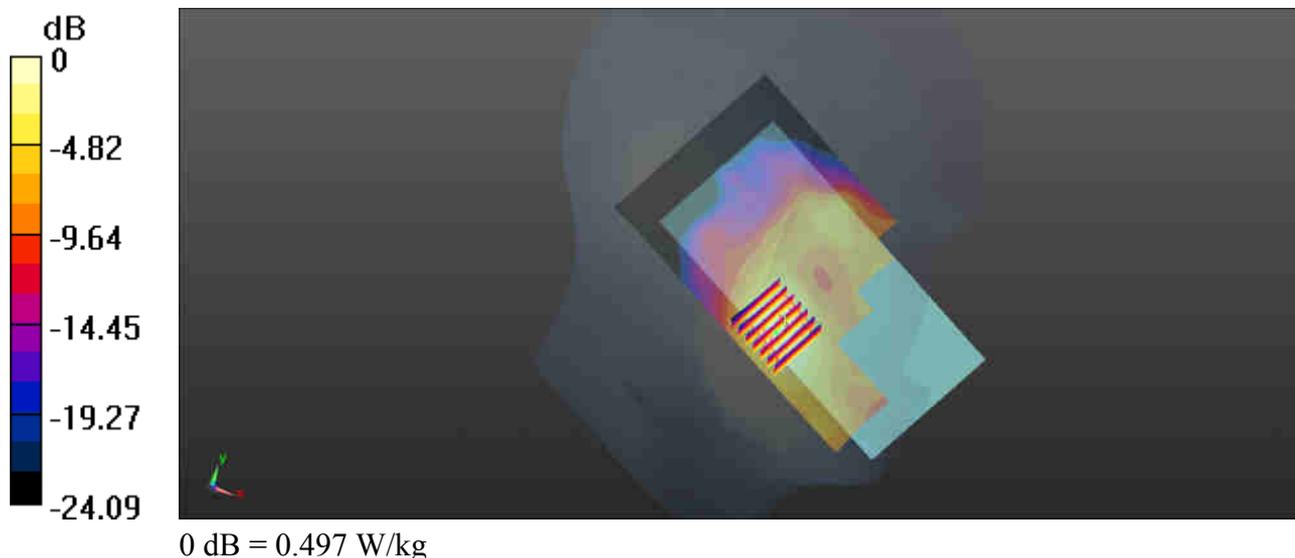
Communication System: UID 0, LTE (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600\_180107 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.885$  S/m;  $\epsilon_r = 40.782$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(6.9, 6.9, 6.9); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39750/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.519 W/kg

**Ch39750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.070 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.657 W/kg  
**SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.186 W/kg**  
Maximum value of SAR (measured) = 0.497 W/kg



### 18\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch6

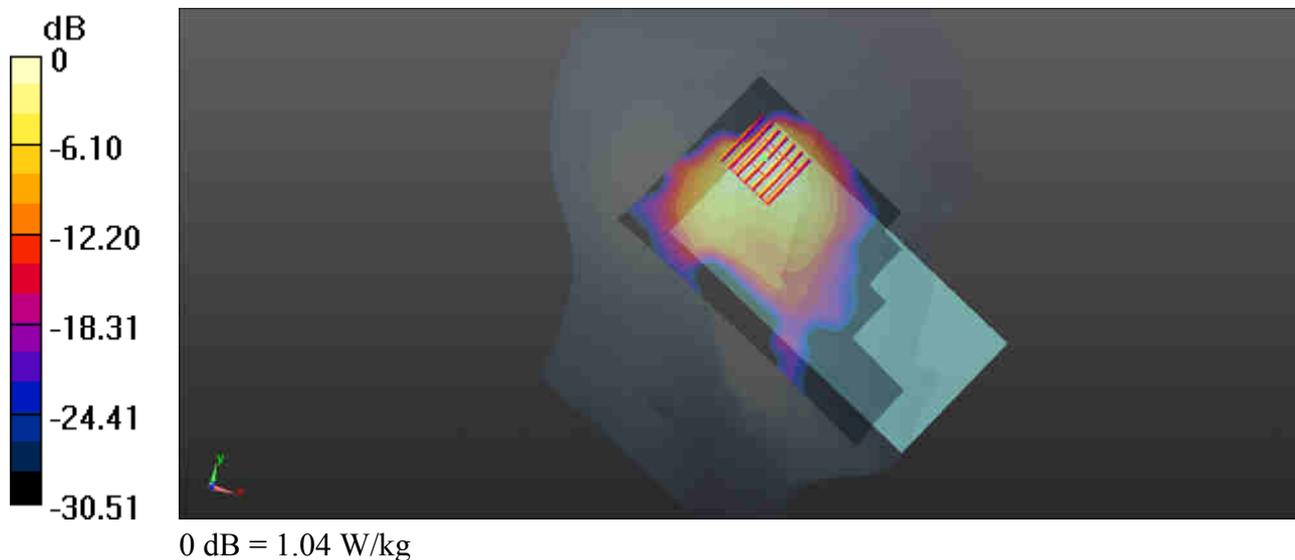
Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.024  
Medium: HSL\_2450\_180108 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.843$  S/m;  $\epsilon_r = 37.718$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.25, 7.25, 7.25); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.55 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0.8270 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 1.48 W/kg  
**SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.302 W/kg**  
Maximum value of SAR (measured) = 1.04 W/kg



### 19\_WLAN5.3GHz\_802.11a\_6Mbps\_Left Cheek\_Ch52

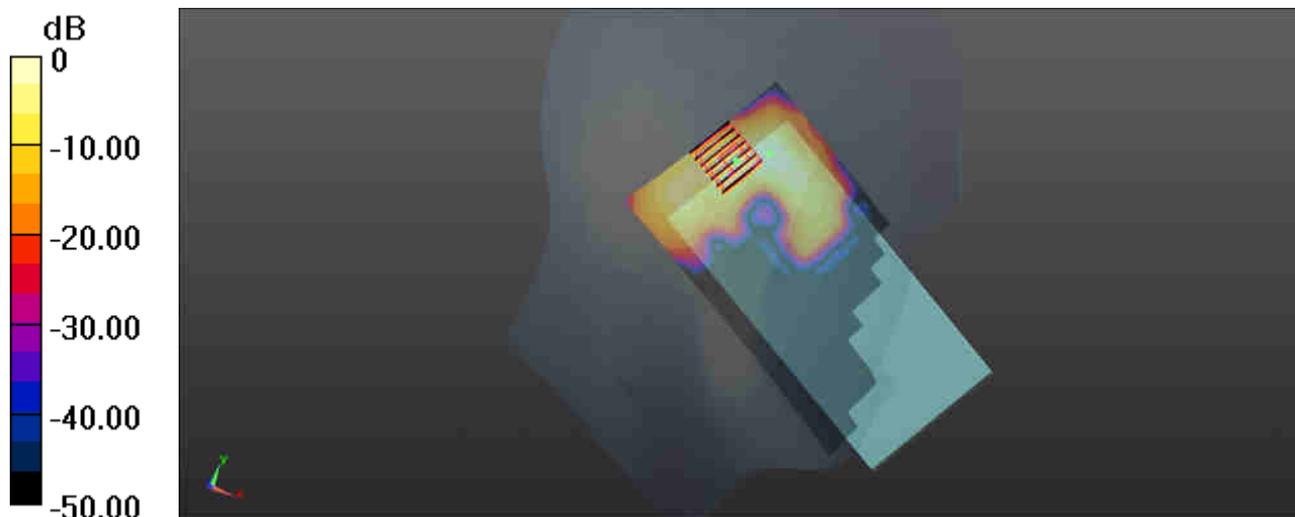
Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.144  
Medium: HSL\_5250\_180115 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.602$  S/m;  $\epsilon_r = 36.654$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(5.25, 5.25, 5.25); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch52/Area Scan (91x181x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 2.13 W/kg

**Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0.2770 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 4.99 W/kg  
**SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.250 W/kg**  
Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 2.13 W/kg

## 20\_WLAN5.5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch140

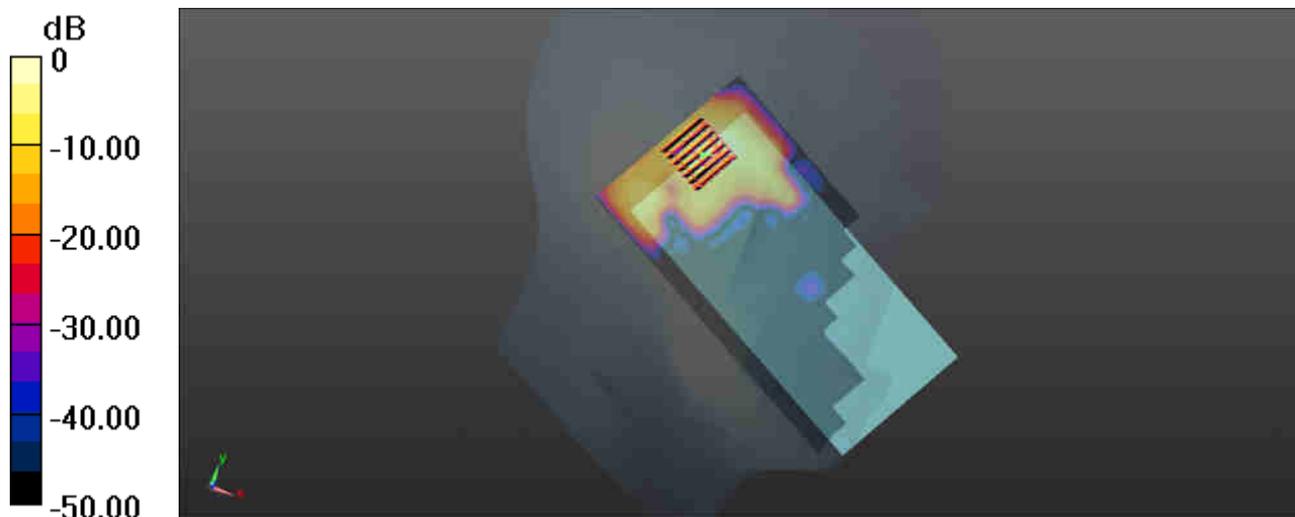
Communication System: UID 0, WIFI (0); Frequency: 5700 MHz; Duty Cycle: 1:1.144  
Medium: HSL\_5600\_180115 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.09$  S/m;  $\epsilon_r = 35.666$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.6, 4.6, 4.6); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch140/Area Scan (91x181x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.88 W/kg

**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0.8710 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 4.49 W/kg  
**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.190 W/kg**  
Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg

## 21\_WLAN5.8GHz\_802.11a\_6Mbps\_Left Tilted\_Ch149

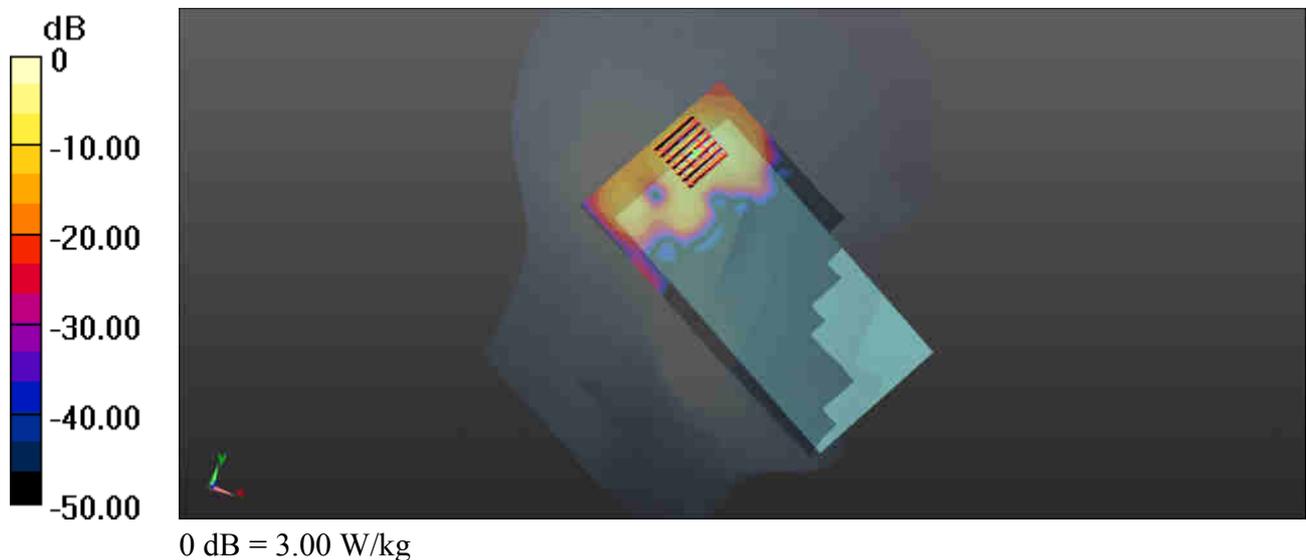
Communication System: UID 0, WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1.144  
Medium: HSL\_5750\_180115 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.113$  S/m;  $\epsilon_r = 35.513$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.93, 4.93, 4.93); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch149/Area Scan (91x181x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 2.43 W/kg

**Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 1.172 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 6.10 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.258 W/kg**  
Maximum value of SAR (measured) = 3.00 W/kg



## 22\_GSM850\_GPRS(4 Tx slots)\_Front\_5mm\_Ch128

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.707$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

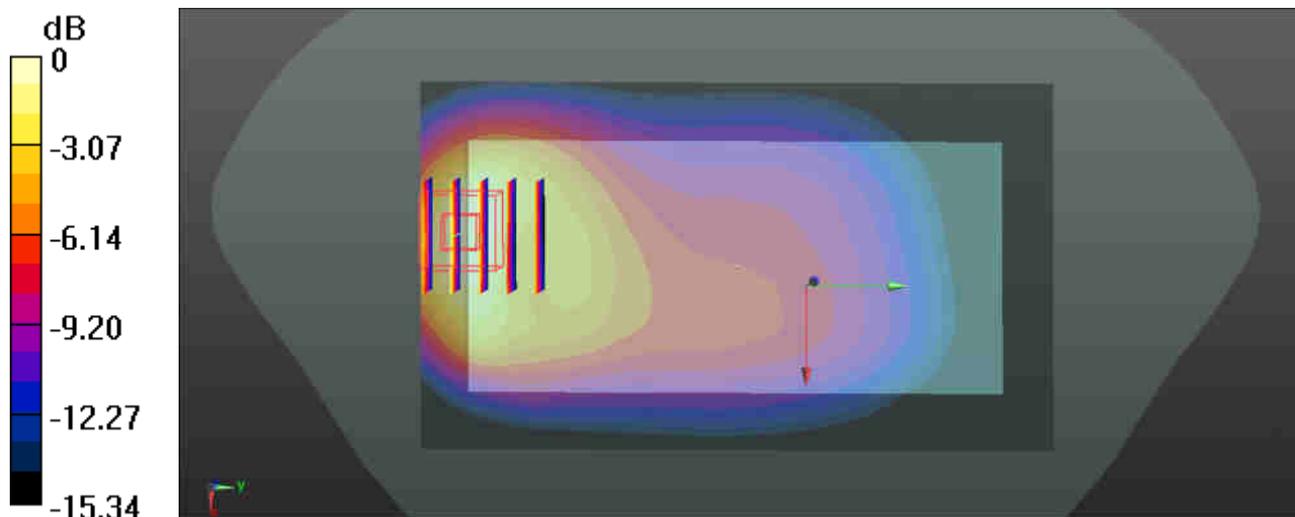
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.107 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.521 W/kg**

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



0 dB = 1.35 W/kg

### 23\_GSM1900\_GPRS(1 Tx slot)\_Bottom Side\_5mm\_Ch661

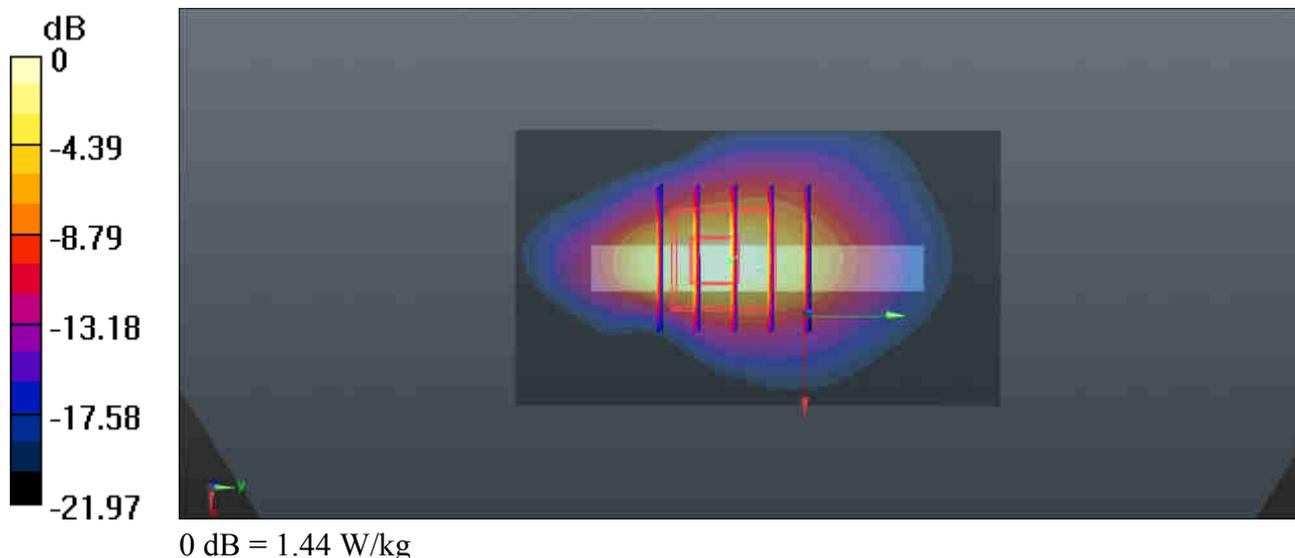
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.557$  S/m;  $\epsilon_r = 54.666$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.44 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.494 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.91 W/kg  
**SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.414 W/kg**  
Maximum value of SAR (measured) = 1.37 W/kg



## 24\_WCDMA Band V\_RMC 12.2Kbps\_Front\_5mm\_Ch4182

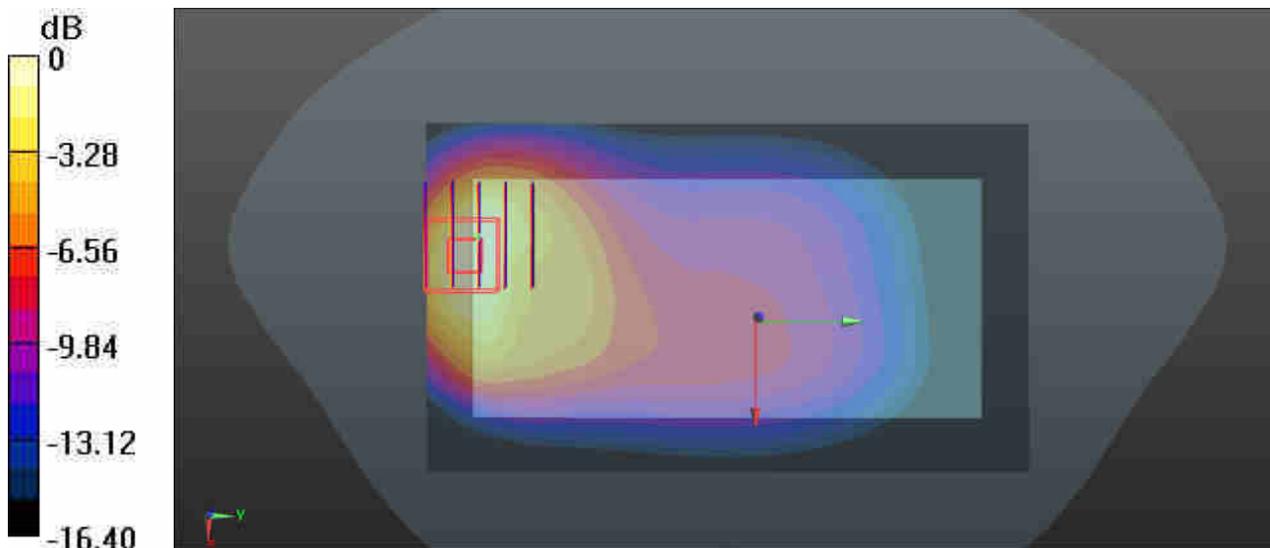
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 54.562$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.34 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.278 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.90 W/kg  
**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.482 W/kg**  
Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.34 W/kg

### 25\_WCDMA Band IV\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch1513

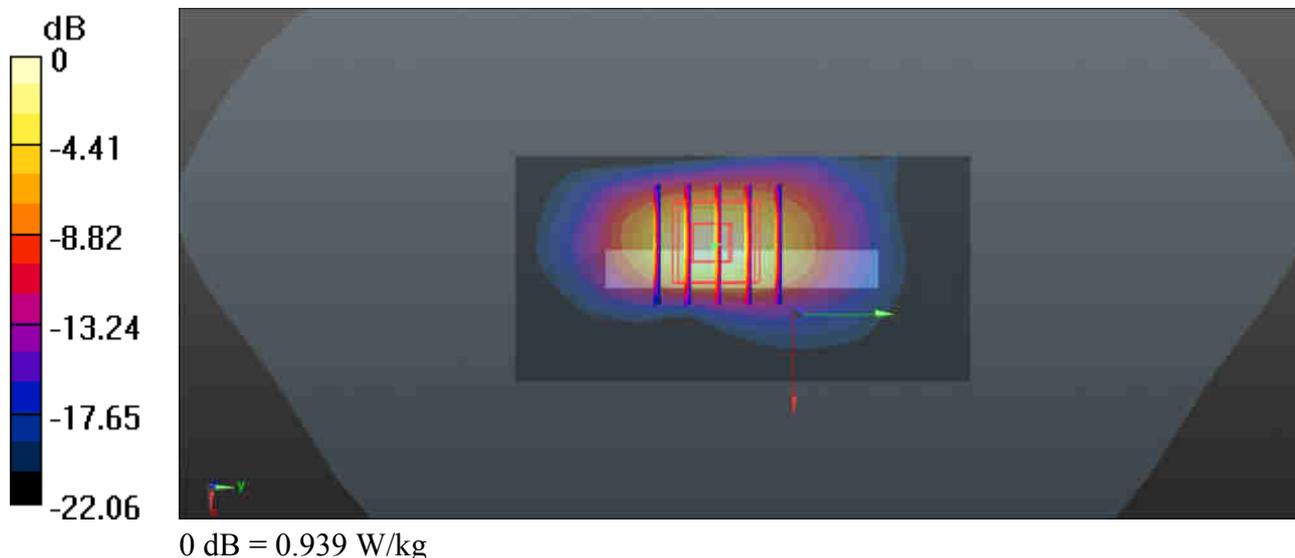
Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_180118 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.531$  S/m;  $\epsilon_r = 52.014$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.55, 7.55, 7.55); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (41x81x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.965 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.261 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 1.20 W/kg  
**SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.286 W/kg**  
Maximum value of SAR (measured) = 0.939 W/kg



## 26\_WCDMA Band II\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch9400

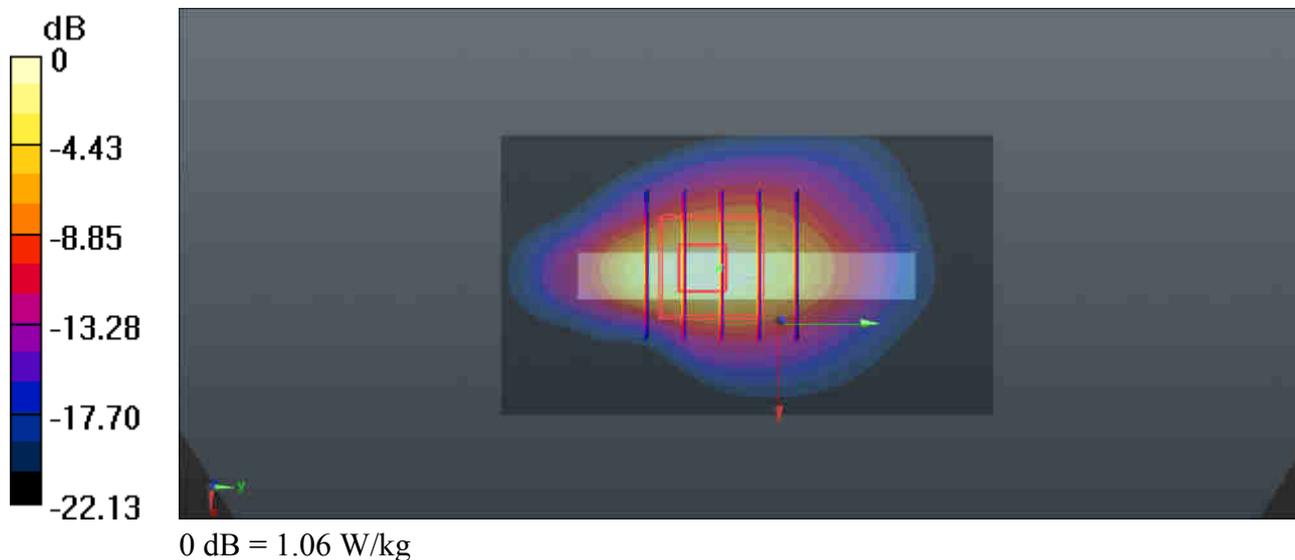
Communication System: UID 0, UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.557$  S/m;  $\epsilon_r = 54.666$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.06 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.120 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 1.43 W/kg  
**SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.309 W/kg**  
Maximum value of SAR (measured) = 1.02 W/kg



### 27\_CDMA2000 BC10\_RTAP 153.6Kbps\_Front\_5mm\_Ch580

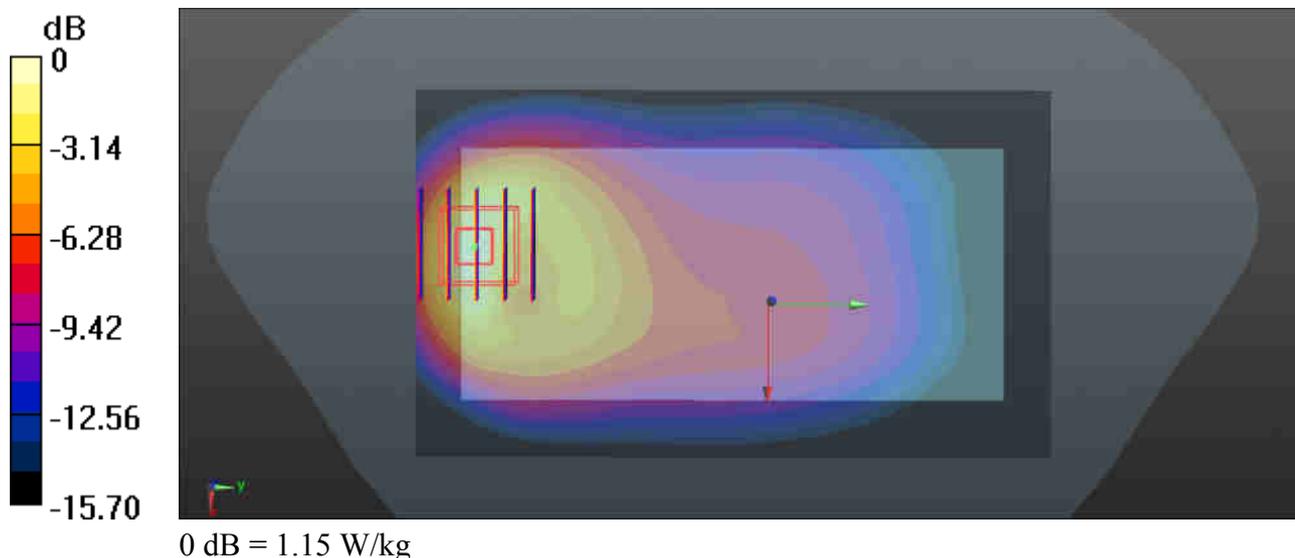
Communication System: UID 0, CDMA2000 (0); Frequency: 820.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.979$  S/m;  $\epsilon_r = 54.767$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch580/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.03 W/kg

**Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.328 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 1.37 W/kg  
**SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.315 W/kg**  
Maximum value of SAR (measured) = 1.15 W/kg



### 28\_CDMA2000 BC0\_RTAP 153.6Kbps\_Front\_5mm\_Ch777

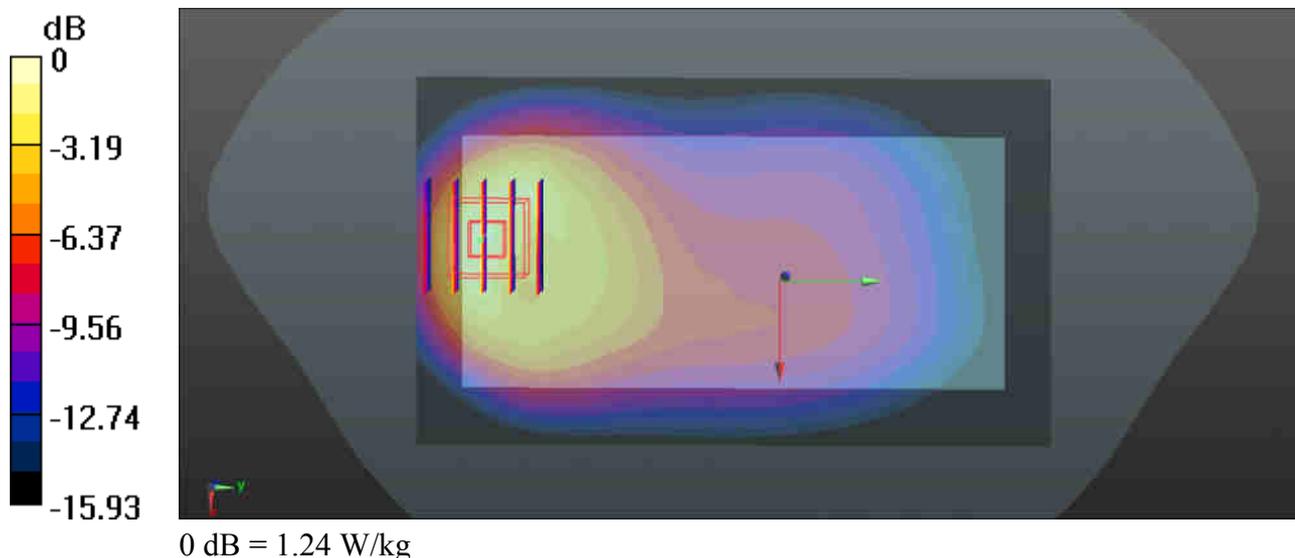
Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 1.009$  S/m;  $\epsilon_r = 54.456$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch777/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.21 W/kg

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.432 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 1.34 W/kg  
**SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.487 W/kg**  
Maximum value of SAR (measured) = 1.24 W/kg



### 29\_CDMA2000 BC1\_RTAP 153.6Kbps\_Bottom Side\_5mm\_Ch1175

Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.588 \text{ S/m}$ ;  $\epsilon_r = 54.613$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1175/Area Scan (41x81x1):** Interpolated grid: dx=15mm, dy=15mm

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

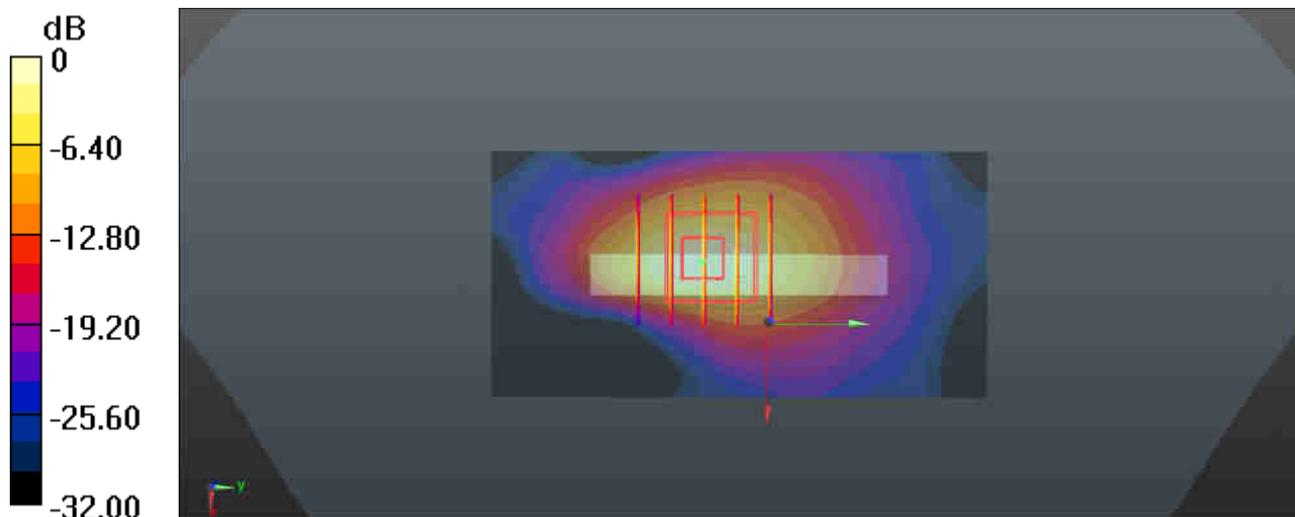
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.4880 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.334 W/kg**

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



### 30\_LTE Band 12\_10M\_QPSK\_1RB\_49Offset\_Front\_5mm\_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_180104 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.941$  S/m;  $\epsilon_r = 55.606$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

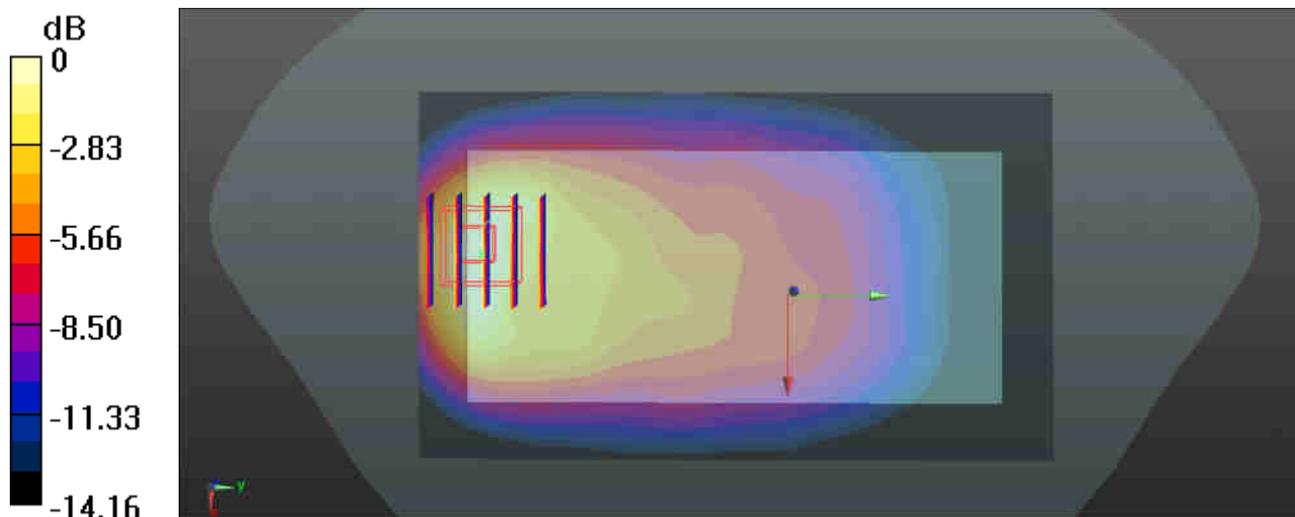
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.150 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.440 W/kg**

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



0 dB = 1.16 W/kg

### 31\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_180104 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.996 \text{ S/m}$ ;  $\epsilon_r = 53.964$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.48 \text{ W/kg}$

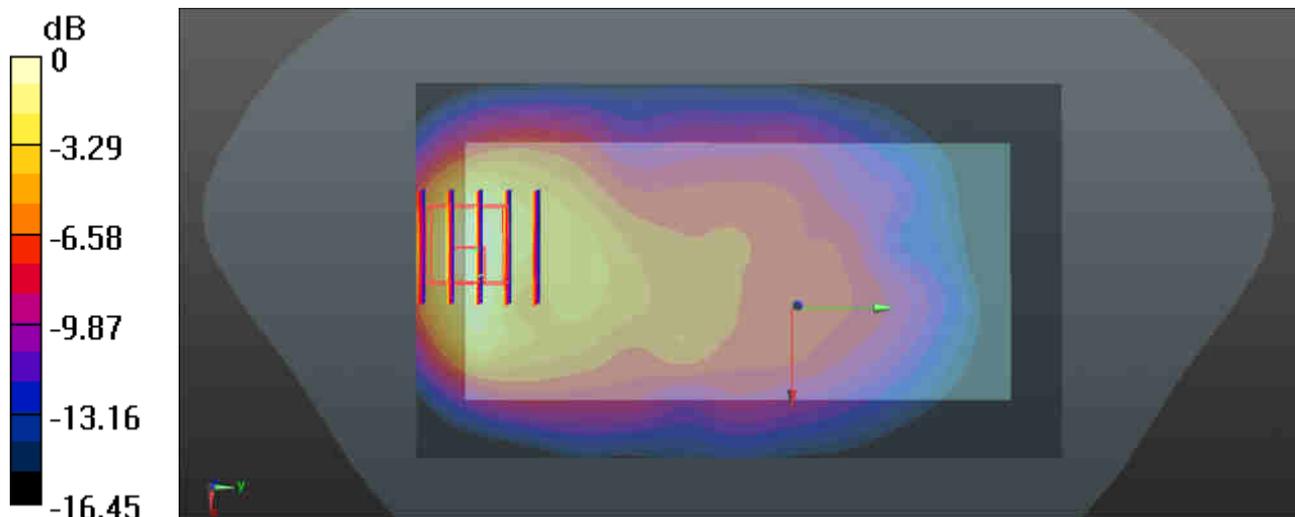
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.471 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $1.92 \text{ W/kg}$

**SAR(1 g) =  $0.983 \text{ W/kg}$ ; SAR(10 g) =  $0.528 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.57 \text{ W/kg}$



0 dB =  $1.57 \text{ W/kg}$

### 32\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23330

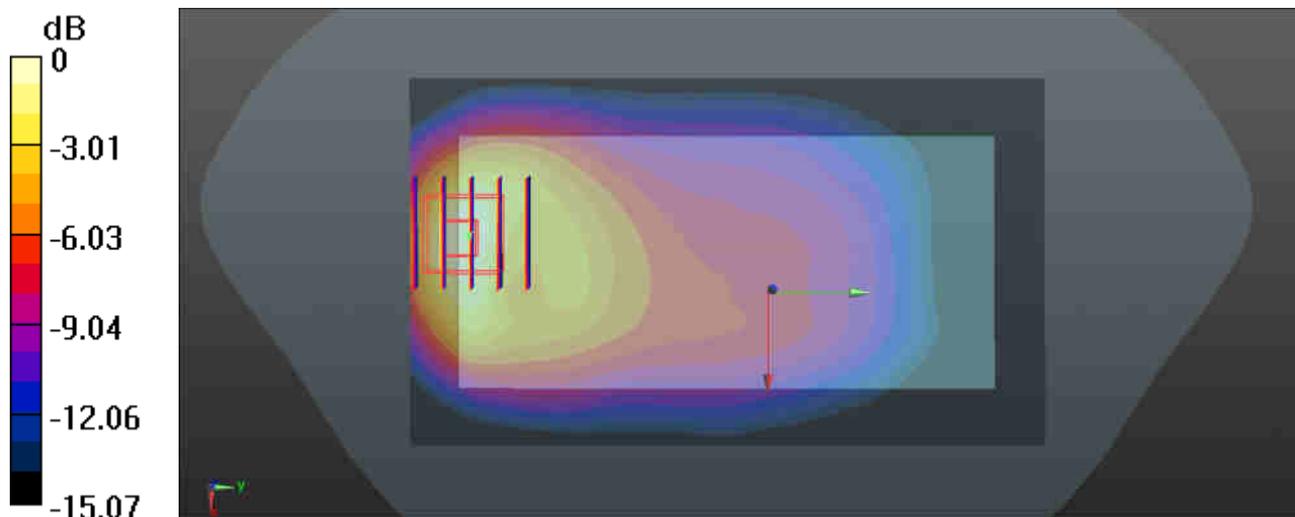
Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_180104 Medium parameters used:  $f = 793$  MHz;  $\sigma = 1.01$  S/m;  $\epsilon_r = 53.769$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23330/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.709 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.806 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.976 W/kg  
**SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.244 W/kg**  
Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.680 W/kg

### 33\_LTE Band 26\_15M\_QPSK\_1RB\_74Offset\_Front\_5mm\_Ch26965

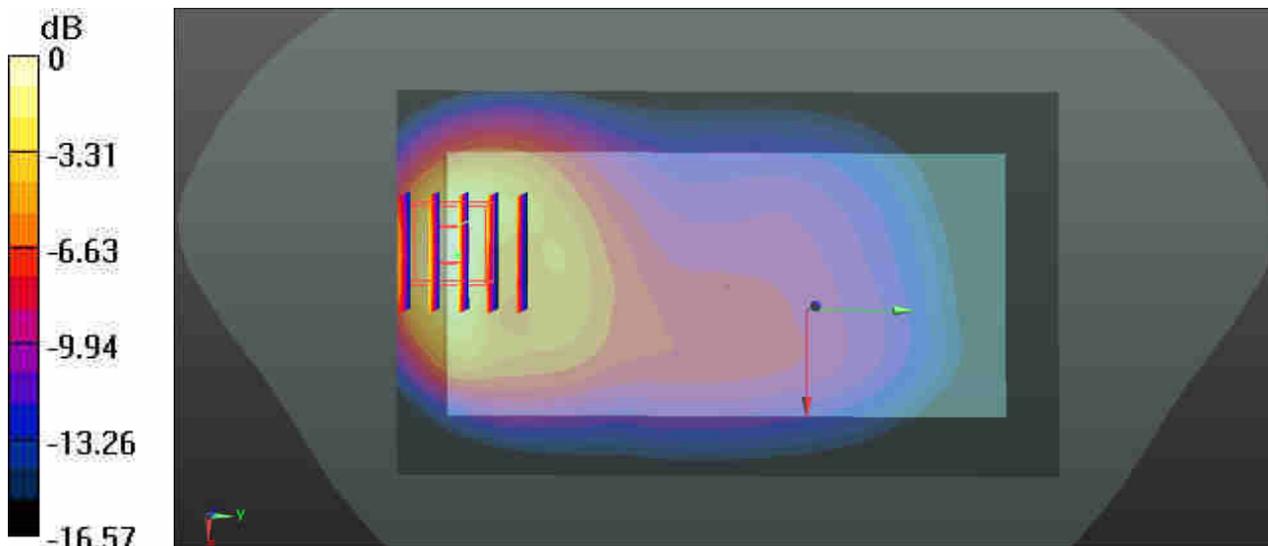
Communication System: UID 0, LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 1.001$  S/m;  $\epsilon_r = 54.51$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26965/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.18 W/kg

**Ch26965/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.809 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.57 W/kg  
**SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.396 W/kg**  
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.18 W/kg

### 34\_LTE Band 66\_20M\_QPSK\_1RB\_99Offset\_Bottom Side\_5mm\_Ch132572

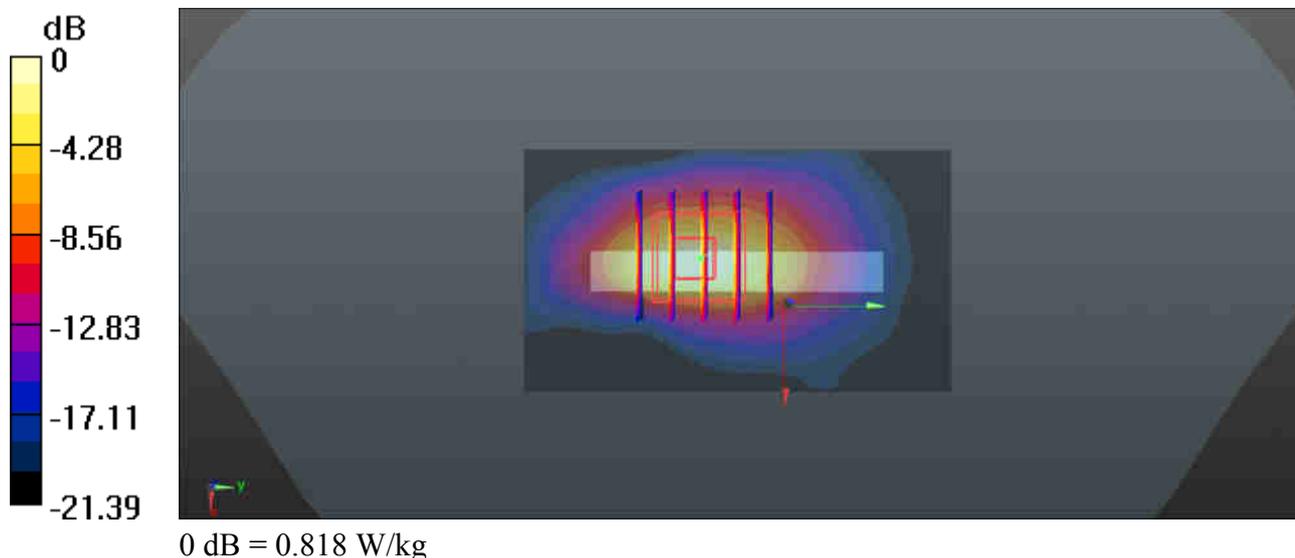
Communication System: UID 0, LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_180118 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.553$  S/m;  $\epsilon_r = 51.971$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.55, 7.55, 7.55); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132572/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.798 W/kg

**Ch132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.414 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.03 W/kg  
**SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.251 W/kg**  
Maximum value of SAR (measured) = 0.818 W/kg



### 35\_LTE Band 25\_20M\_QPSK\_50RB\_0Offset\_Bottom Side\_5mm\_Ch26590

Communication System: UID 0, LTE (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.585$  S/m;  $\epsilon_r = 54.623$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26590/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

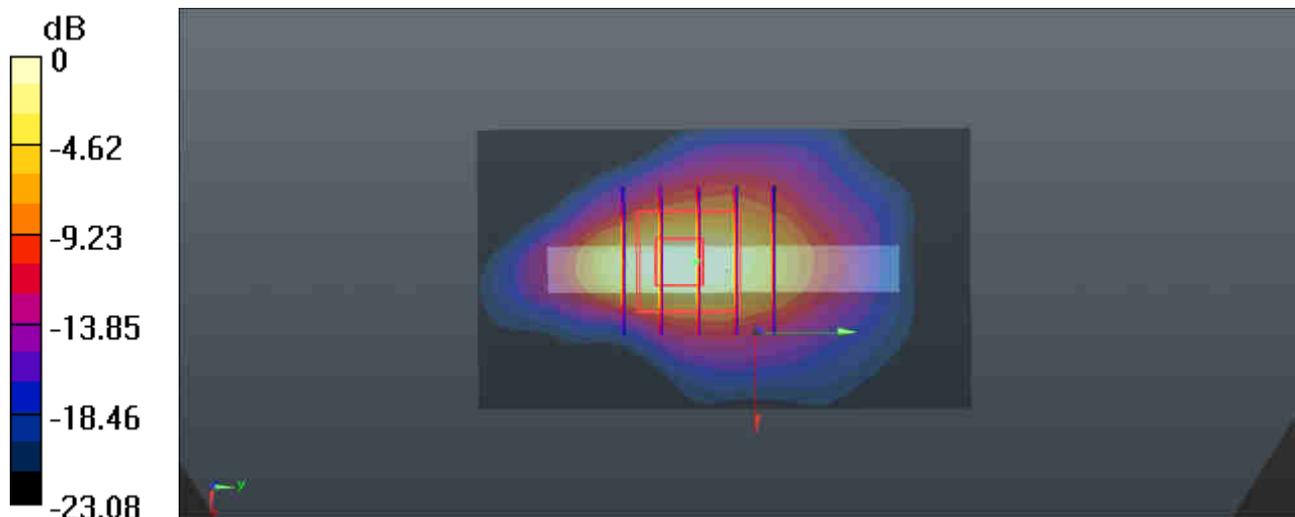
**Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.8120 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.256 W/kg**

Maximum value of SAR (measured) = 0.860 W/kg



0 dB = 0.893 W/kg

### 36\_LTE Band 30\_10M\_QPSK\_25RB\_25Offset\_Bottom Side\_5mm\_Ch27710

Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: MSL\_2300\_180119 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.773$  S/m;  $\epsilon_r = 53.718$ ;

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.78, 7.78, 7.78); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (41x91x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.665 W/kg

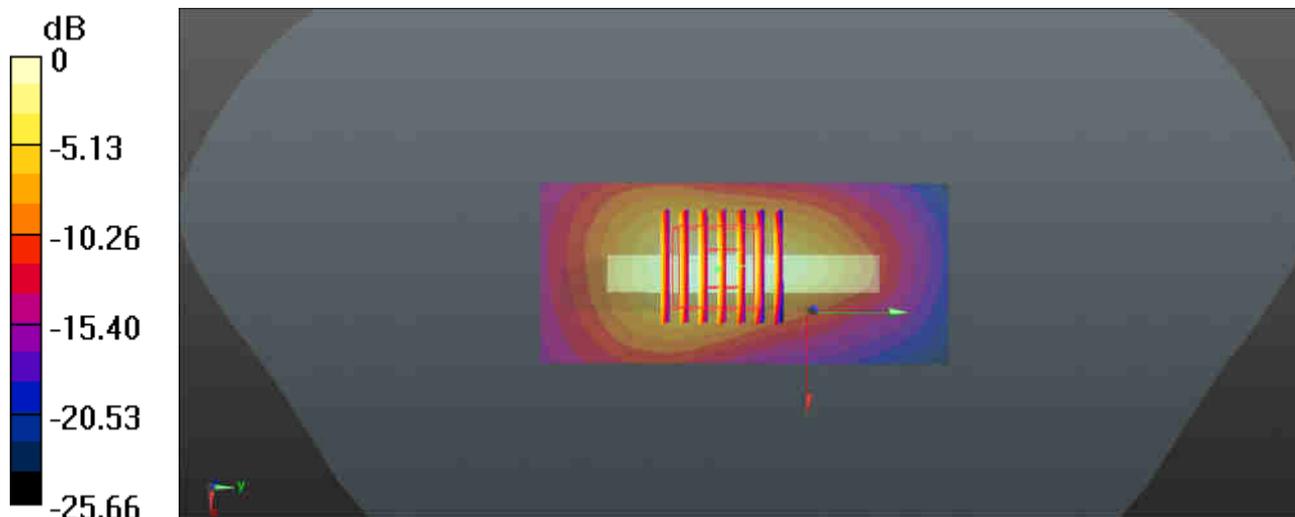
**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.381 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.867 W/kg

**SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.218 W/kg**

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



0 dB = 0.659 W/kg

### 37\_LTE Band 7\_20M\_QPSK\_50RB\_24Offset\_Bottom Side\_5mm\_Ch20850

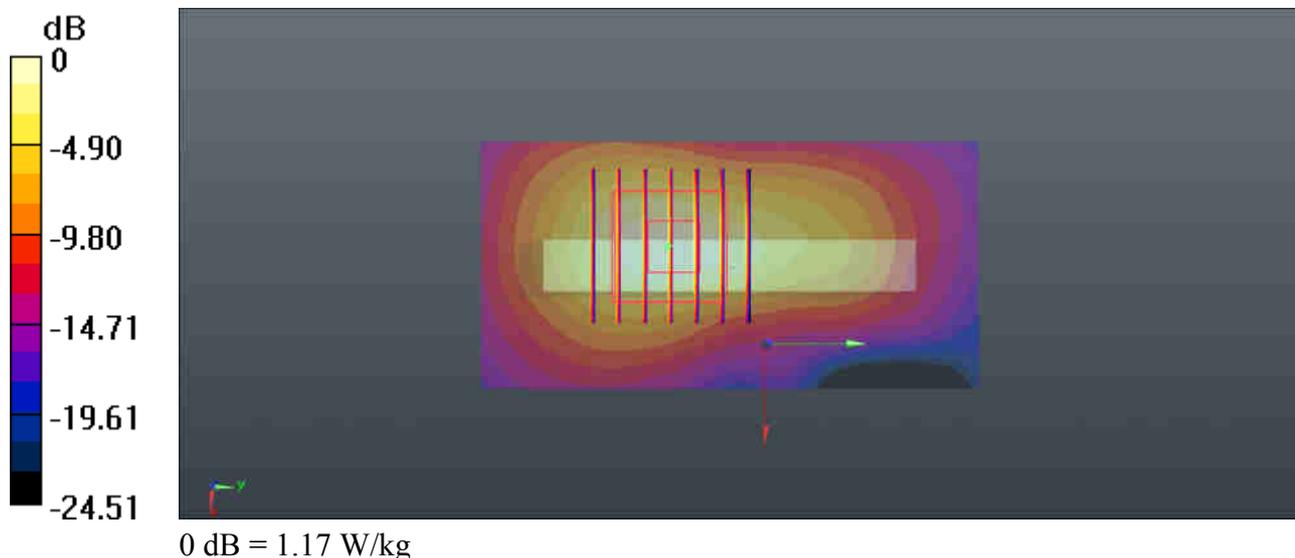
Communication System: UID 0, LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_180119 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.075$  S/m;  $\epsilon_r = 51.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.37, 7.37, 7.37); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (41x81x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.17 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.329 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 1.58 W/kg  
**SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.364 W/kg**  
Maximum value of SAR (measured) = 1.20 W/kg



### 38\_LTE Band 41\_20M\_QPSK\_50RB\_0Offset\_Bottom Side\_5mm

#### \_Ch39750(PCC)+Ch39988(SCC)\_Power Class 3

Communication System: UID 0, LTE (0); Frequency: 2506(PCC)+ 2525.8(SCC)MHz;Duty Cycle: 1:1.59  
Medium: MSL\_2600\_180119 Medium parameters used:  $f = 2506(\text{PCC}) + 2525.8(\text{SCC}) \text{ MHz}$ ;  $\sigma = 2.07 \text{ S/m}$ ;  
 $\epsilon_r = 51.252$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.37, 7.37, 7.37); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39750(PCC)+Ch39988(SCC)/Area Scan (41x101x1):** Interpolated grid:  
 $dx=12\text{mm}$ ,  $dy=12\text{mm}$  Maximum value of SAR (interpolated) = 1.36 W/kg

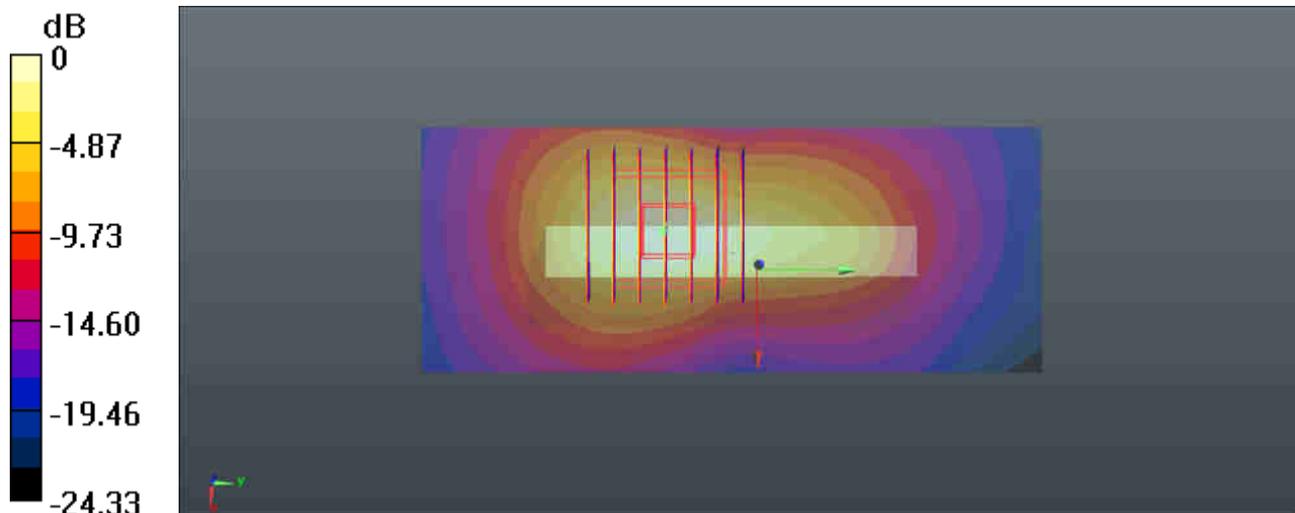
**Ch39750(PCC)+Ch39988(SCC)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.611 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.577 W/kg**

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



0 dB = 1.36 W/kg

### 39\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.024  
Medium: MSL\_2450\_180108 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  S/m;  $\epsilon_r = 51.715$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.09, 7.09, 7.09); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

#### Ch6/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

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

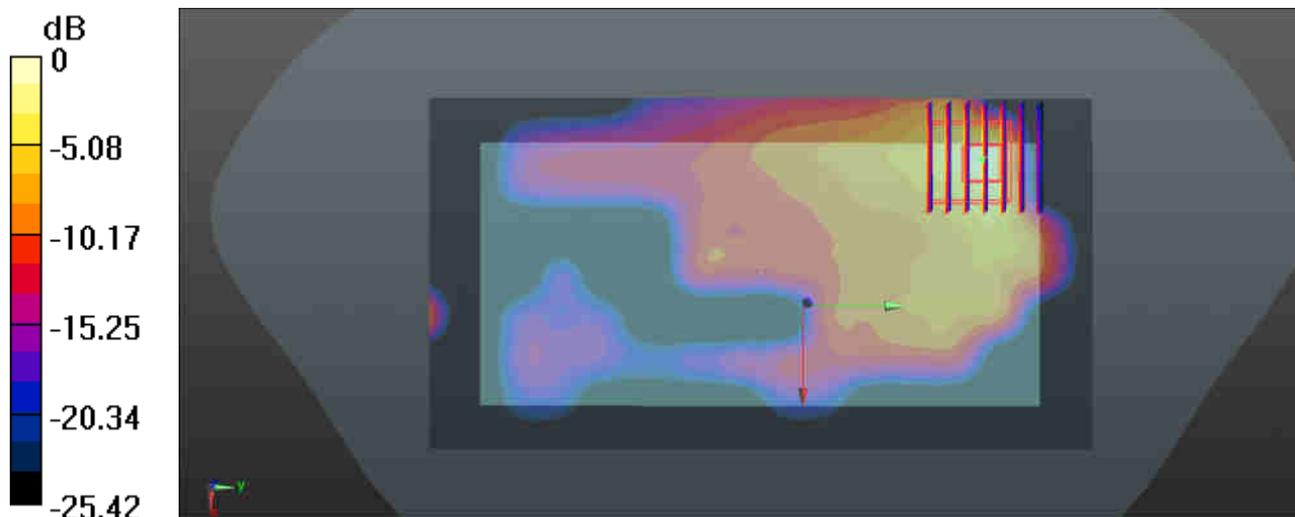
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.371 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 1.30 W/kg

### 40\_WLAN5.2GHz\_802.11a\_6Mbps\_Front\_5mm\_Ch48

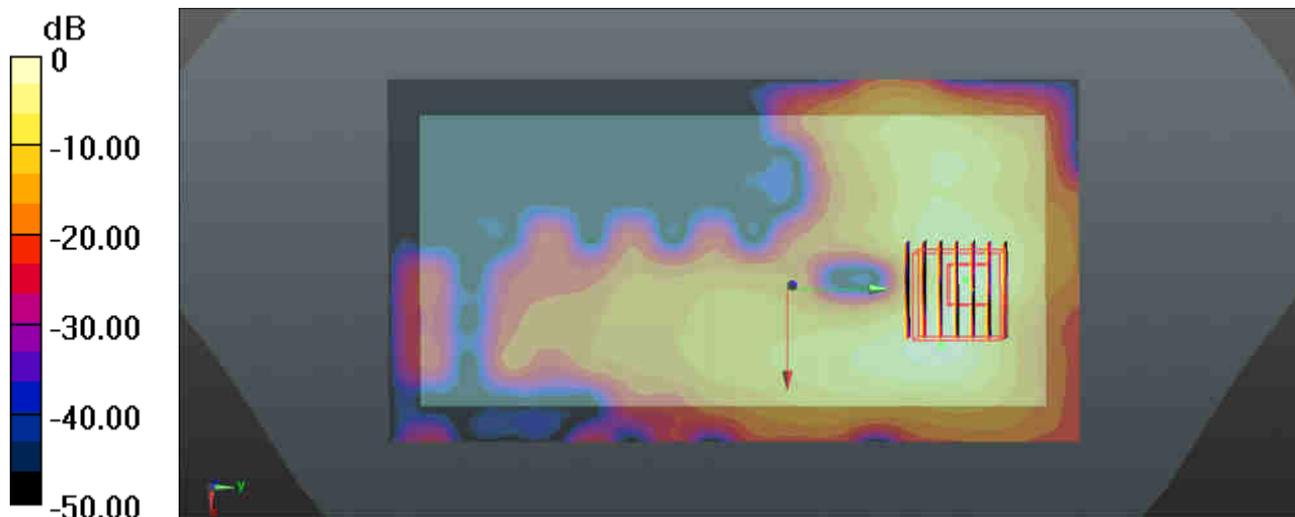
Communication System: UID 0, WIFI (0); Frequency: 5240 MHz; Duty Cycle: 1:1.144  
Medium: MSL\_5250\_180111 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.28$  S/m;  $\epsilon_r = 51.004$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.8, 4.8, 4.8); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch48/Area Scan (91x171x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.25 W/kg

**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 3.52 W/kg  
**SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.197 W/kg**  
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg

### 41\_WLAN5.8GHz\_802.11a\_6Mbps\_Top Side\_5mm\_Ch165

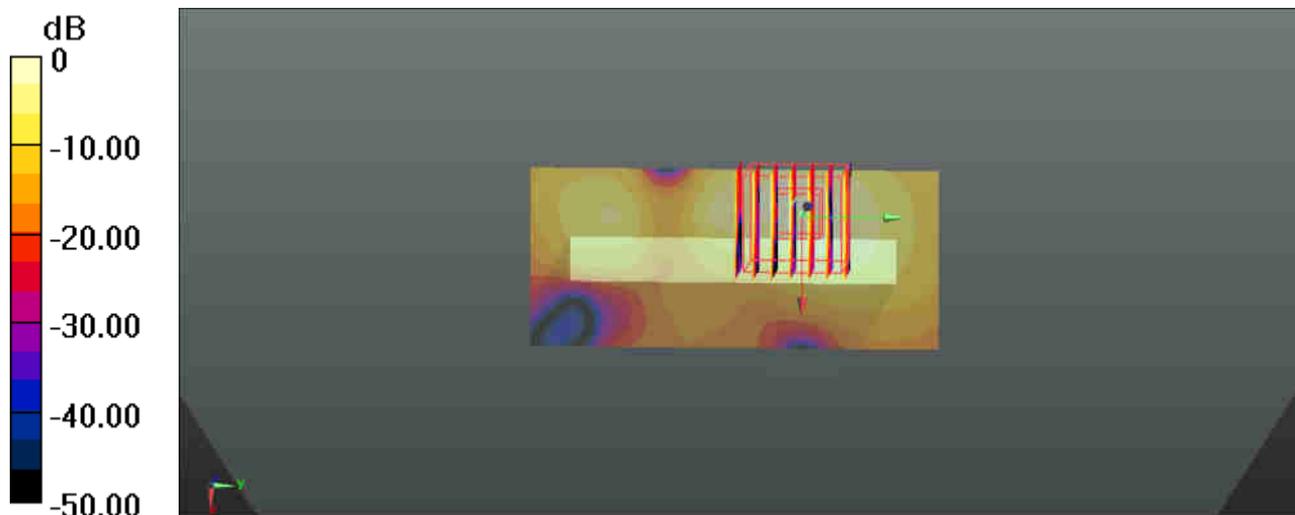
Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.144  
Medium: MSL\_5750\_180114 Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.157 \text{ S/m}$ ;  $\epsilon_r = 49.776$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.23, 4.23, 4.23); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch165/Area Scan (41x91x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.50 W/kg

**Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 2.838 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.04 W/kg  
**SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.160 W/kg**  
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg

### 42\_Bluetooth\_1Mbps\_Back\_5mm\_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.301  
Medium: MSL\_2450\_180108 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.937$  S/m;  $\epsilon_r = 51.7$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.09, 7.09, 7.09); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

#### Ch39/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

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

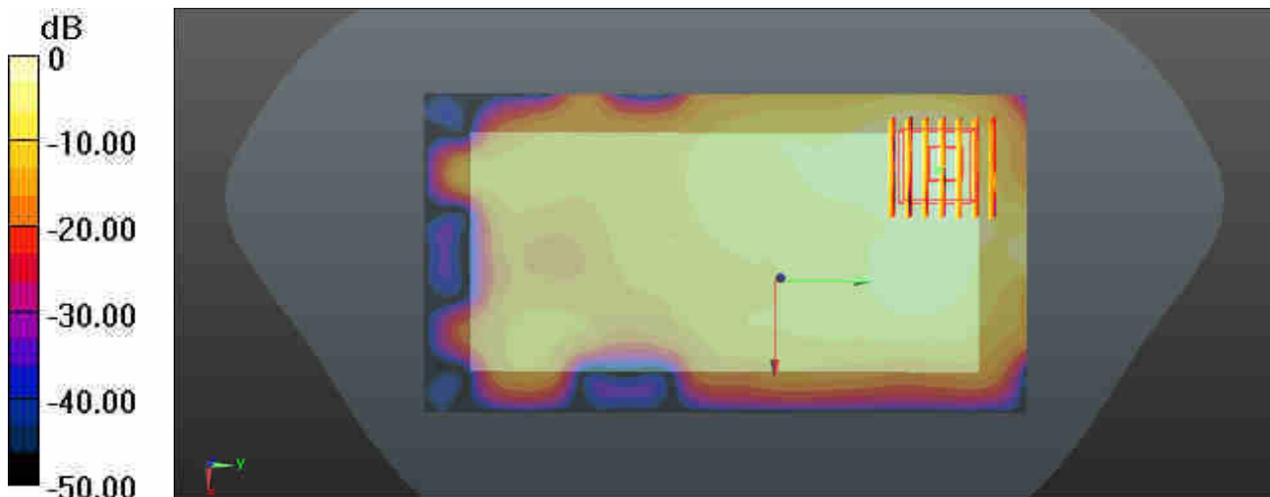
#### Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.646 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.043 W/kg**

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



0 dB = 0.164 W/kg

### 43\_GSM850\_GPRS(4 Tx slots)\_Front\_5mm\_Ch128

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_835\_180104 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 54.707$ ;

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

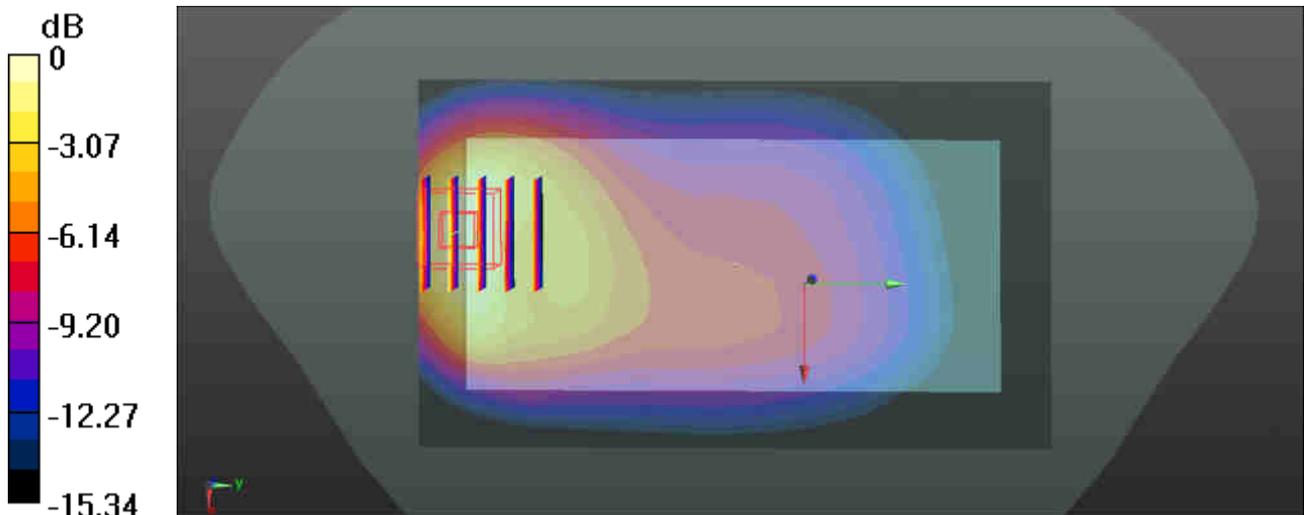
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.107 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.95 W/kg

**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.521 W/kg**

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



0 dB = 1.35 W/kg

### 44\_GSM1900\_GPRS(1 Tx slot)\_Front\_5mm\_Ch661

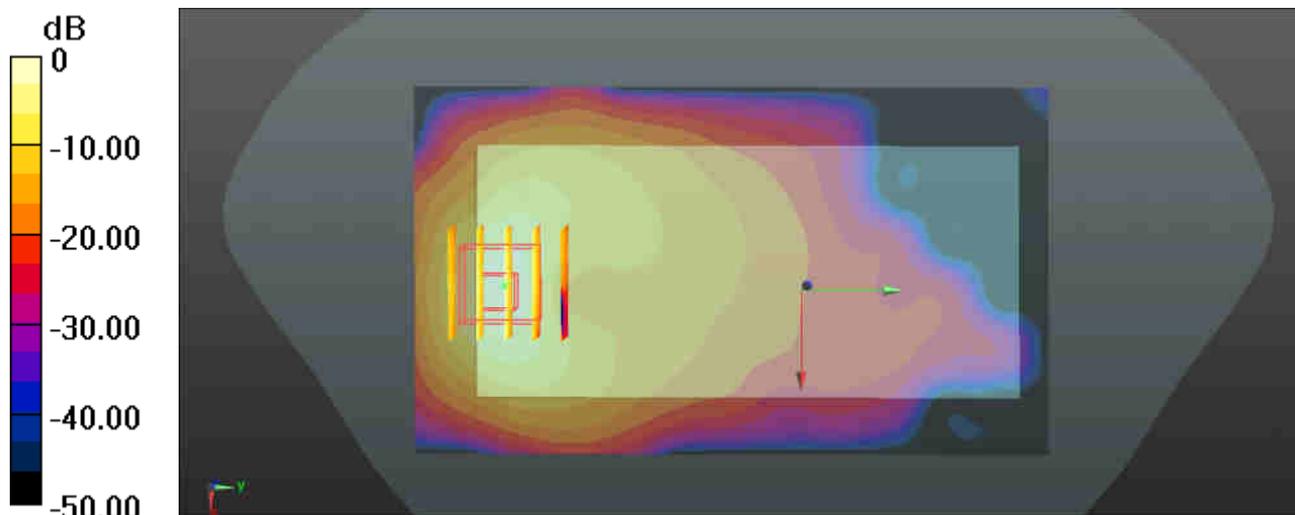
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.557$  S/m;  $\epsilon_r = 54.666$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.02 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 0.6030 V/m; Power Drift = 0.05 dB  
 Peak SAR (extrapolated) = 1.76 W/kg  
**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.380 W/kg**  
 Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg

### 45\_WCDMA Band V\_RMC 12.2Kbps\_Front\_5mm\_Ch4182

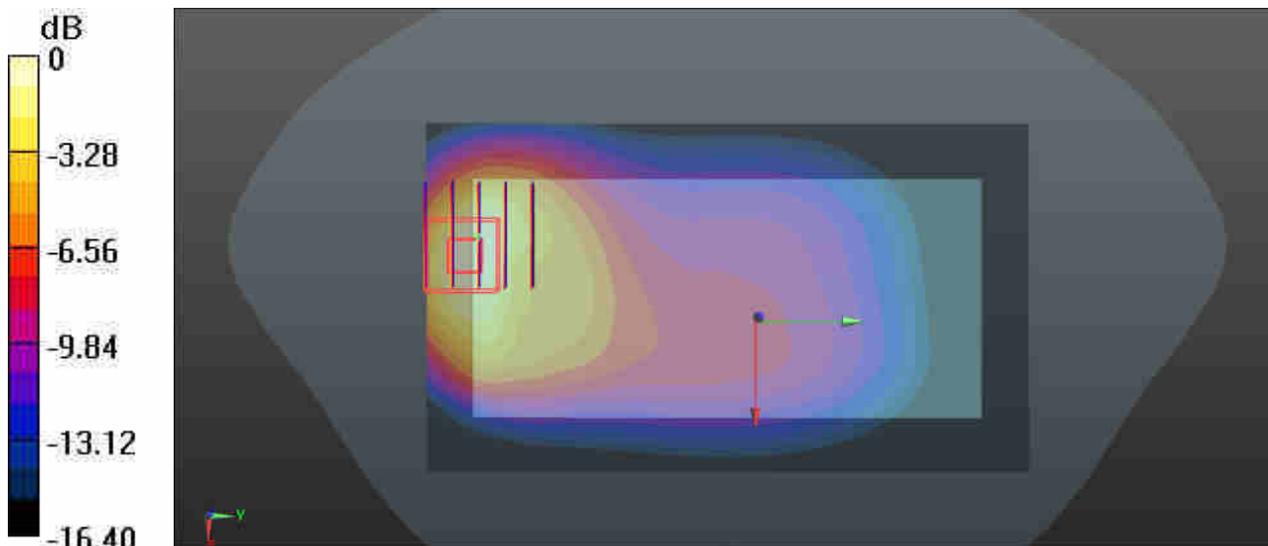
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 54.562$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.34 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.278 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.90 W/kg  
**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.482 W/kg**  
Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.34 W/kg

### 46\_WCDMA Band IV\_RMC 12.2Kbps\_Front\_5mm\_Ch1413

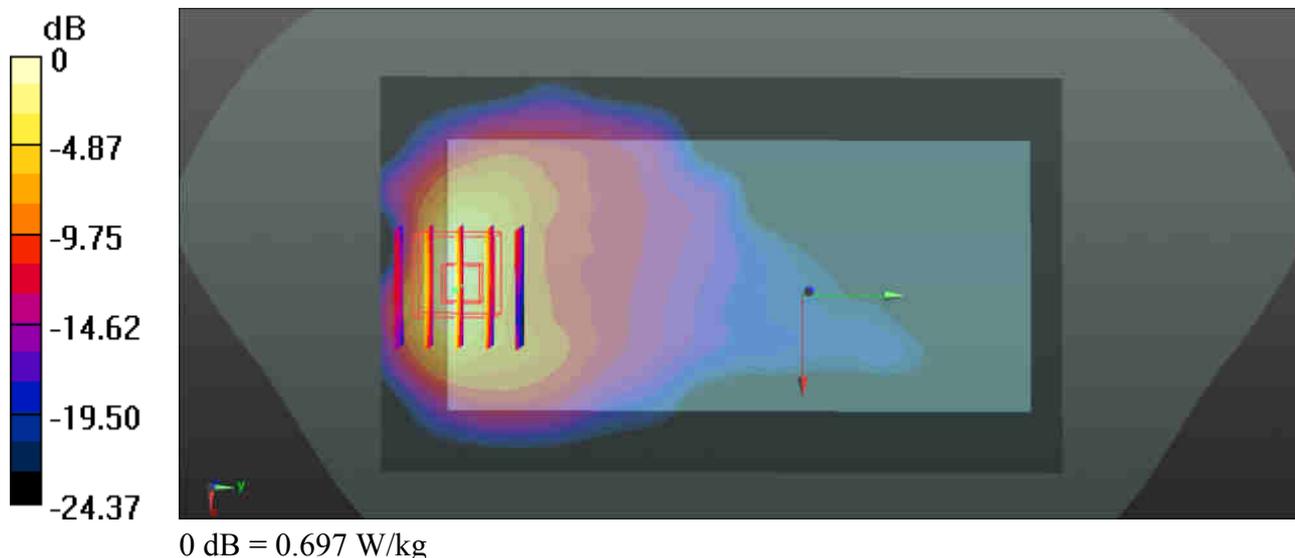
Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_180118 Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 52.093$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.55, 7.55, 7.55); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1413/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.566 W/kg

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.7970 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.18 W/kg  
**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.244 W/kg**  
Maximum value of SAR (measured) = 0.697 W/kg



### 47\_WCDMA Band II\_RMC 12.2Kbps\_Front\_5mm\_Ch9400

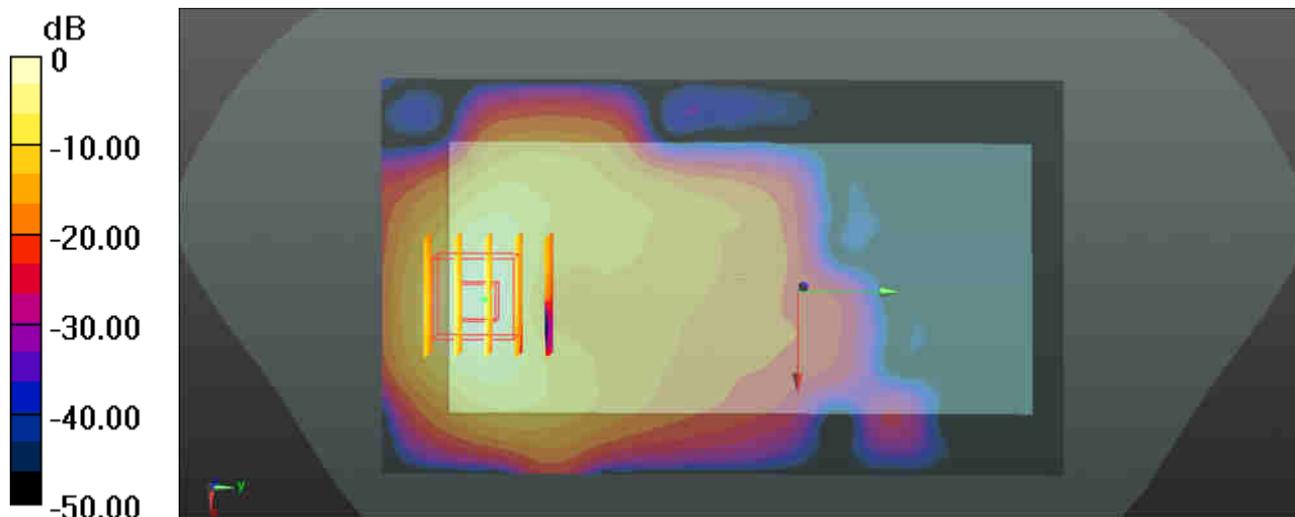
Communication System: UID 0, UMTS (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.557$  S/m;  $\epsilon_r = 54.666$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.893 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.7940 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.40 W/kg  
**SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.294 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg

### 48\_CDMA2000 BC10\_RC3 SO32(F+SCH)\_Front\_5mm\_Ch476

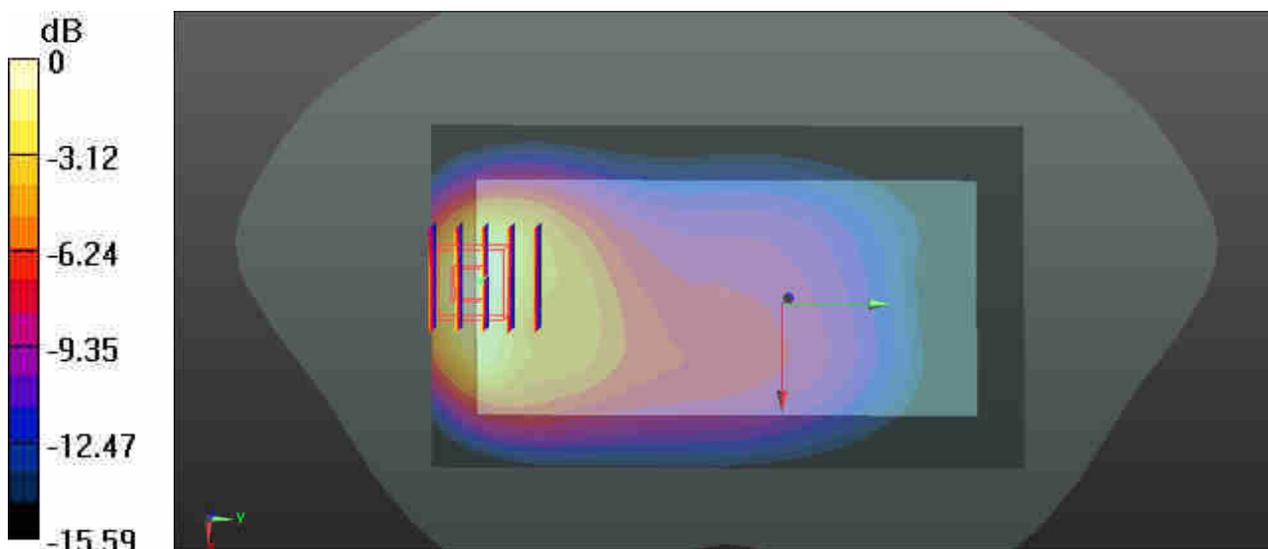
Communication System: UID 0, CDMA2000 (0); Frequency: 817.9 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.976$  S/m;  $\epsilon_r = 54.809$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch476/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.17 W/kg

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.291 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.406 W/kg**  
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

### 49\_CDMA2000 BC0\_RC3 SO32(F+SCH)\_Front\_5mm\_Ch384

Communication System: UID 0, CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.555$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.780 W/kg

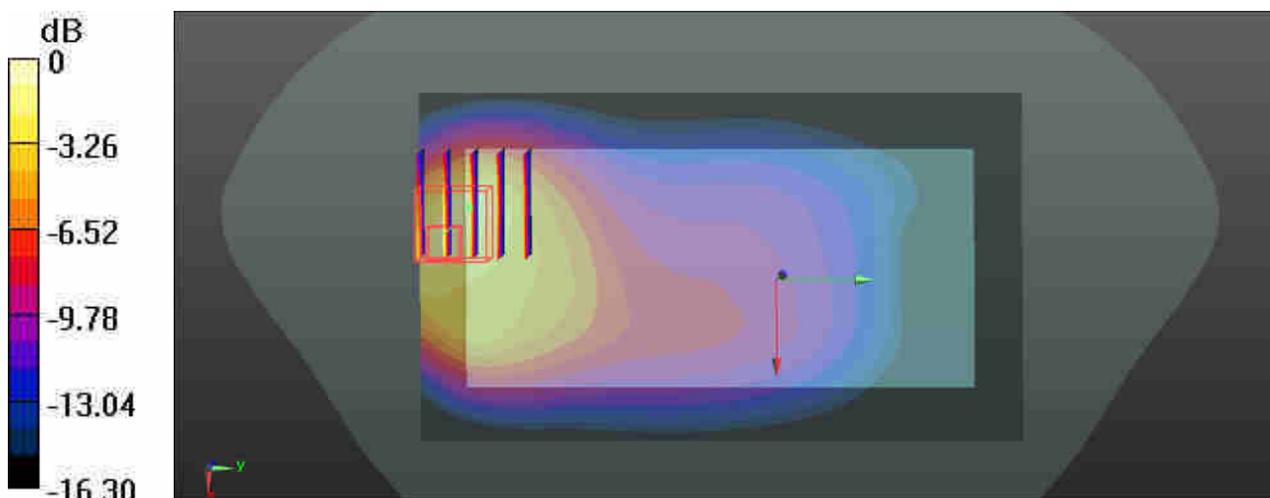
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.385 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.371 W/kg**

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



0 dB = 1.09 W/kg

### 50\_CDMA2000 BC1\_RC3+SO32(F+SCH)\_Front\_5mm\_Ch1175

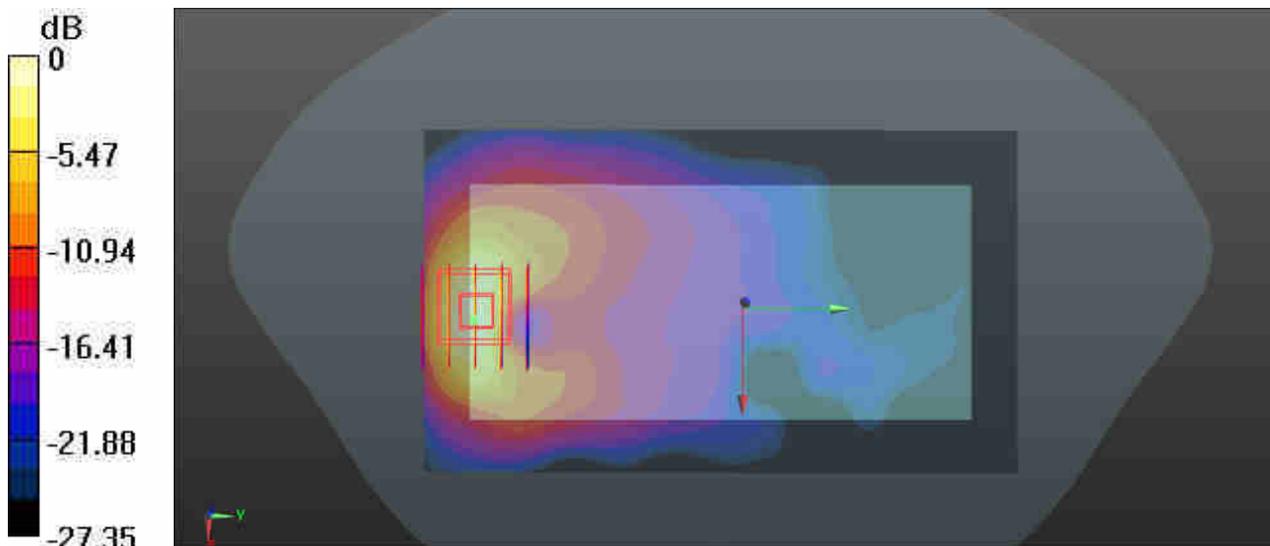
Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.588$  S/m;  $\epsilon_r = 54.613$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1175/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.944 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.464 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 1.32 W/kg  
**SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.276 W/kg**  
Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.944 W/kg

### 51\_LTE Band 12\_10M\_QPSK\_1RB\_49Offset\_Front\_5mm\_Ch23095

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_180104 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.941$  S/m;  $\epsilon_r = 55.606$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

#### Ch23095/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

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

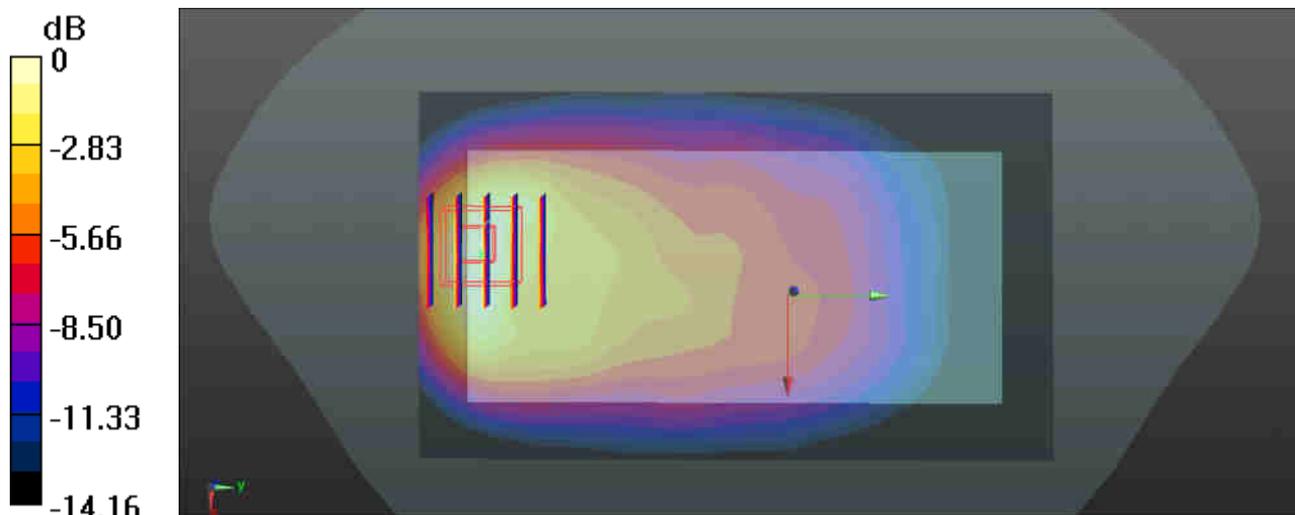
#### Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.150 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.440 W/kg

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



0 dB = 1.16 W/kg

### 52\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23230

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_180104 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.996 \text{ S/m}$ ;  $\epsilon_r = 53.964$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

#### Ch23230/Area Scan (71x121x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.48 W/kg

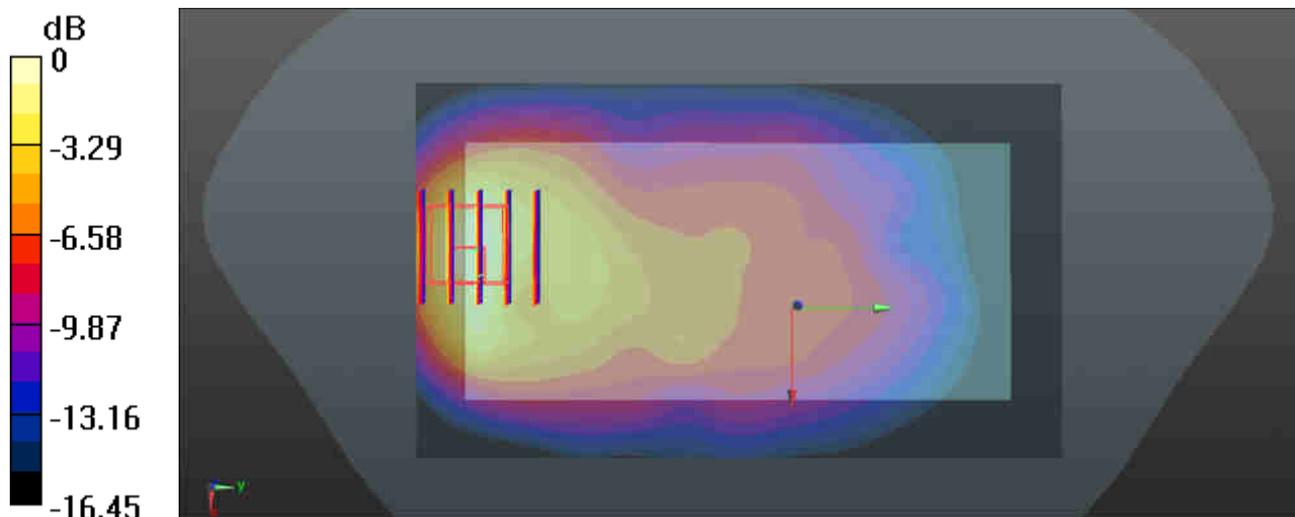
#### Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.471 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.528 W/kg**

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



0 dB = 1.57 W/kg

### 53\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23330

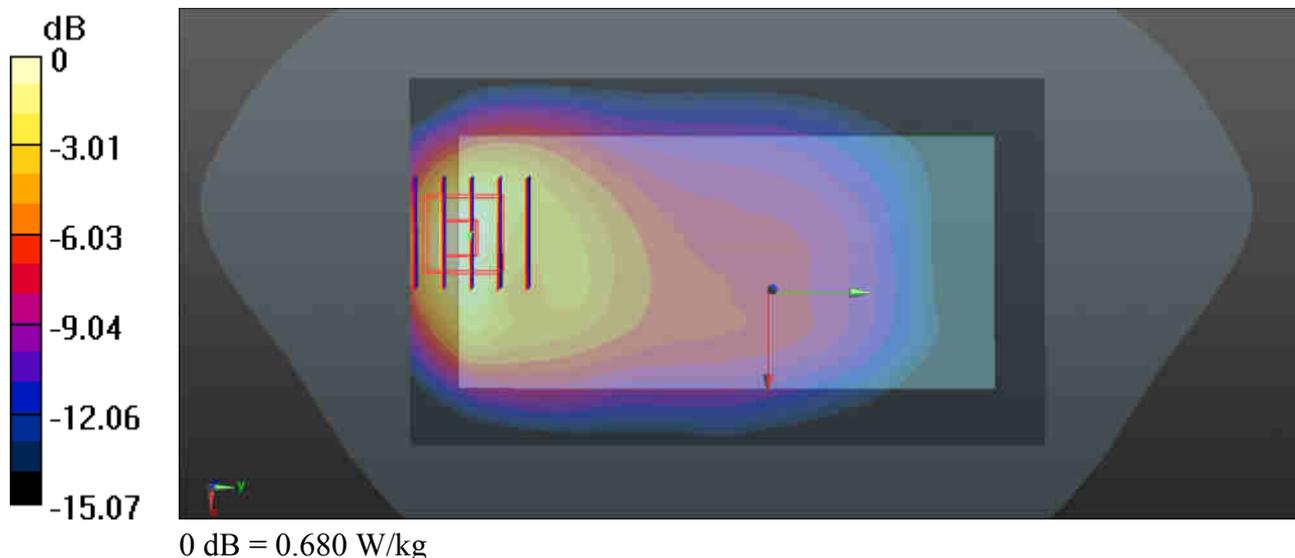
Communication System: UID 0, LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_180104 Medium parameters used:  $f = 793$  MHz;  $\sigma = 1.01$  S/m;  $\epsilon_r = 53.769$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.27, 10.27, 10.27); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23330/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.709 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.806 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.976 W/kg  
**SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.244 W/kg**  
Maximum value of SAR (measured) = 0.680 W/kg



### 54\_LTE Band 26\_15M\_QPSK\_1RB\_74Offset\_Front\_5mm\_Ch26965

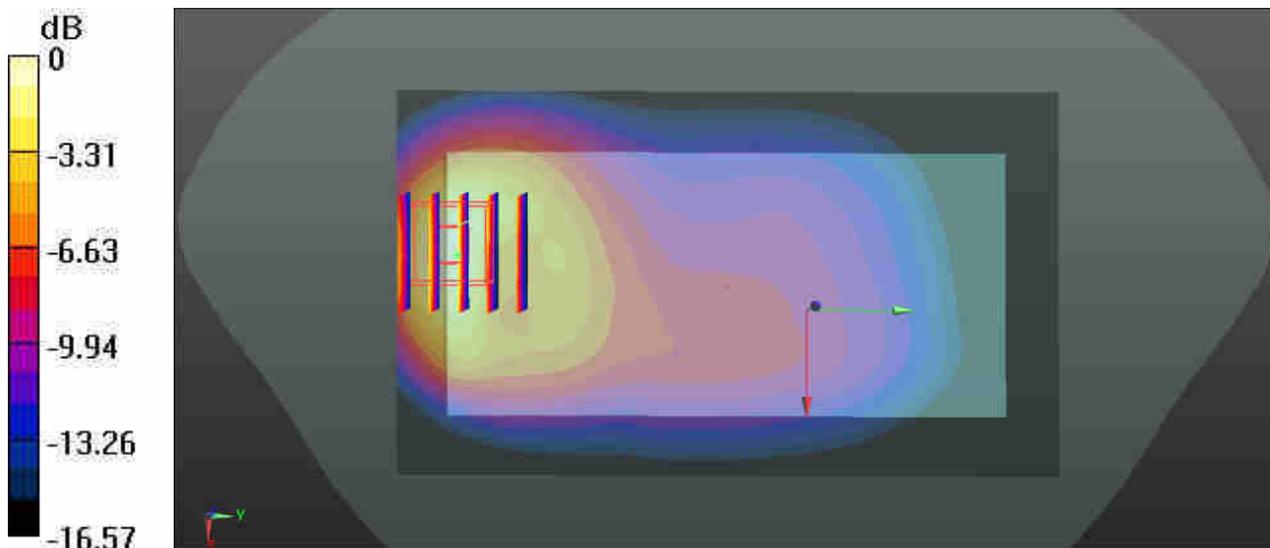
Communication System: UID 0, LTE (0); Frequency: 841.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_180104 Medium parameters used:  $f = 841.5$  MHz;  $\sigma = 1.001$  S/m;  $\epsilon_r = 54.51$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.09, 10.09, 10.09); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26965/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.18 W/kg

**Ch26965/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.809 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.57 W/kg  
**SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.396 W/kg**  
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.18 W/kg

### 55\_LTE Band 66\_20M\_QPSK\_1RB\_99Offset\_Front\_5mm\_Ch132572

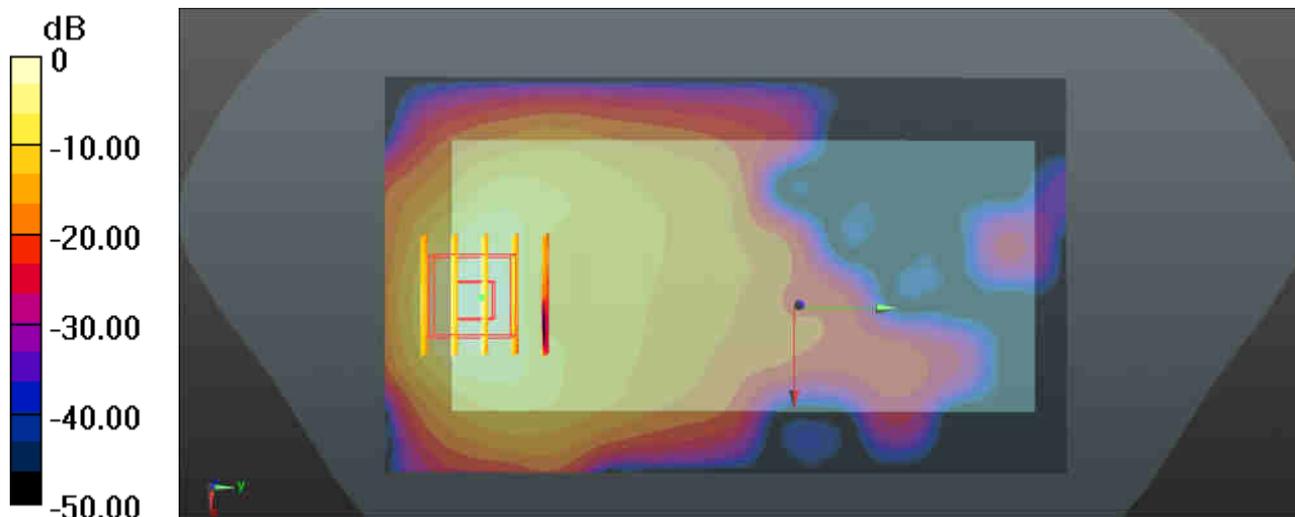
Communication System: UID 0, LTE (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_180118 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.553$  S/m;  $\epsilon_r = 51.971$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.55, 7.55, 7.55); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132572/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.608 W/kg

**Ch132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.6130 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 1.00 W/kg  
**SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.236 W/kg**  
Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.798 W/kg

### 56\_LTE Band 25\_20M\_QPSK\_50RB\_0Offset\_Front\_5mm\_Ch26590

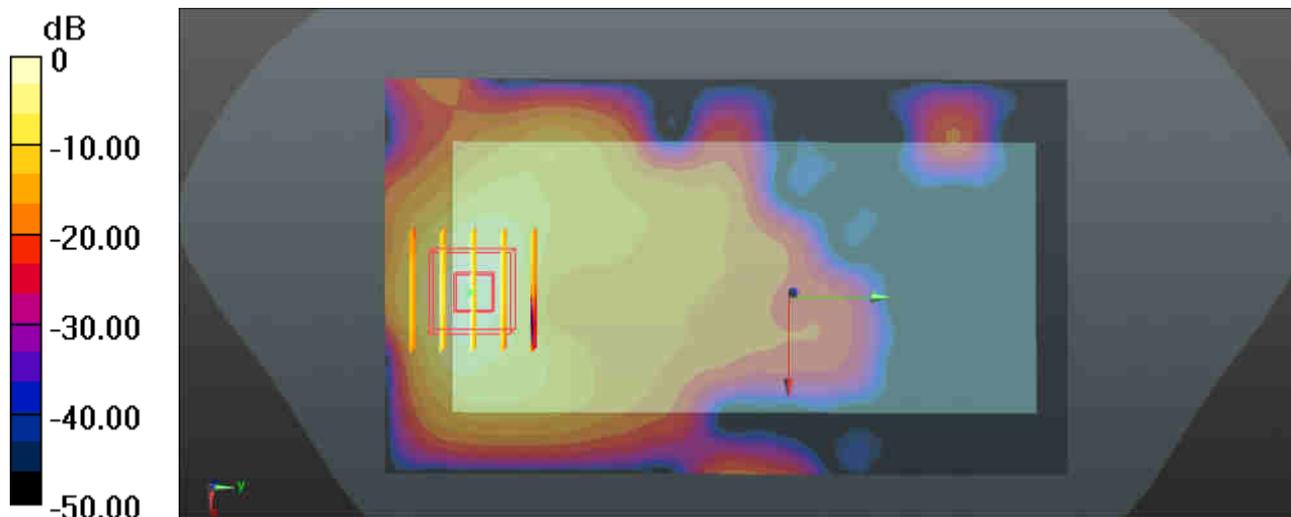
Communication System: UID 0, LTE (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_180117 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.585$  S/m;  $\epsilon_r = 54.623$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.58, 7.58, 7.58); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26590/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.642 W/kg

**Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.5220 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.09 W/kg  
**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.234 W/kg**  
Maximum value of SAR (measured) = 0.811 W/kg



0 dB = 0.811 W/kg

### 57\_LTE Band 30\_10M\_QPSK\_25RB\_25Offset\_Front\_5mm\_Ch27710

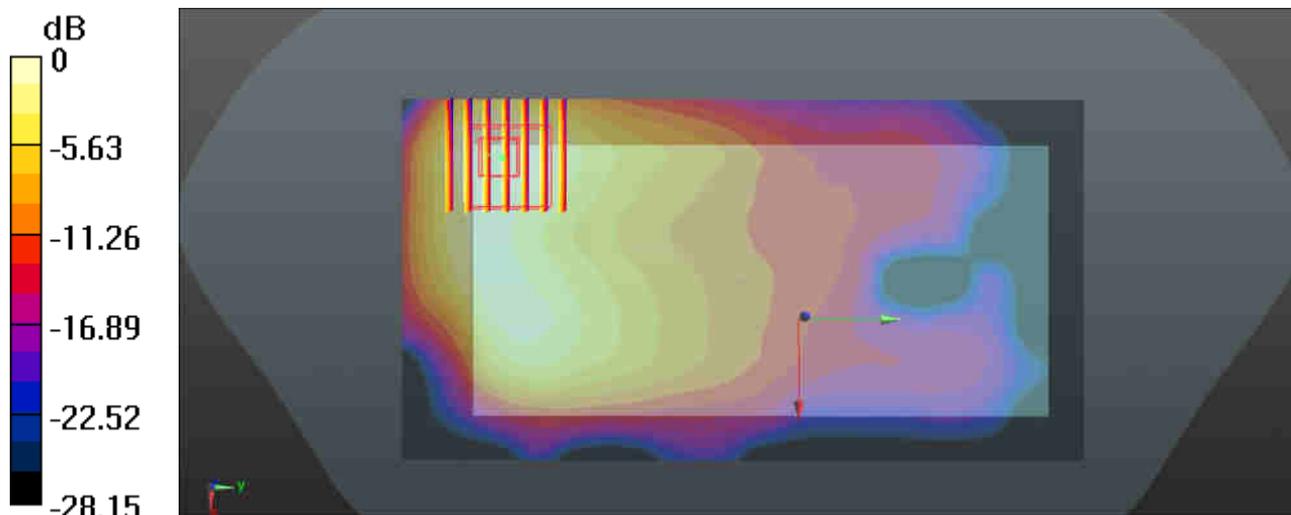
Communication System: UID 0, LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1  
Medium: MSL\_2300\_180119 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.773$  S/m;  $\epsilon_r = 53.718$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.78, 7.78, 7.78); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.494 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.601 W/kg  
**SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.165 W/kg**  
Maximum value of SAR (measured) = 0.433 W/kg



0 dB = 0.433 W/kg

### 58\_LTE Band 7\_20M\_QPSK\_50RB\_24Offset\_Front\_5mm\_Ch21100

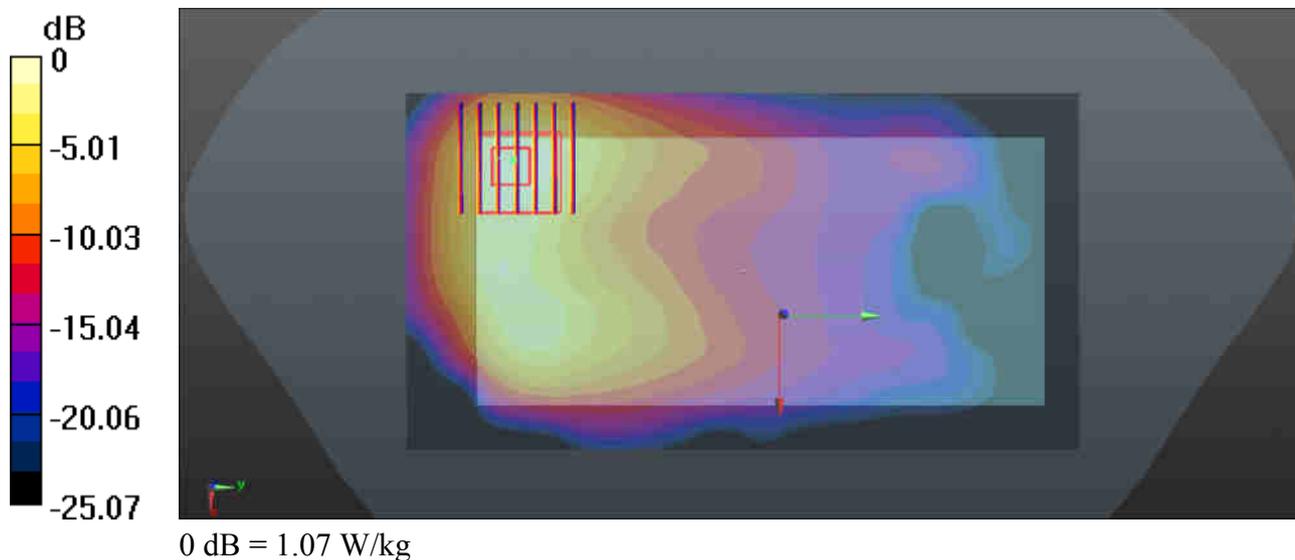
Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_180119 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.102$  S/m;  $\epsilon_r = 51.275$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.37, 7.37, 7.37); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21100/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.07 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0.5840 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 1.23 W/kg  
**SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.316 W/kg**  
Maximum value of SAR (measured) = 0.894 W/kg



### 59\_LTE Band 41\_20M\_QPSK\_50RB\_0Offset\_Front\_5mm

#### \_Ch41292(PCC)+Ch41490(SCC)\_Power Class 3

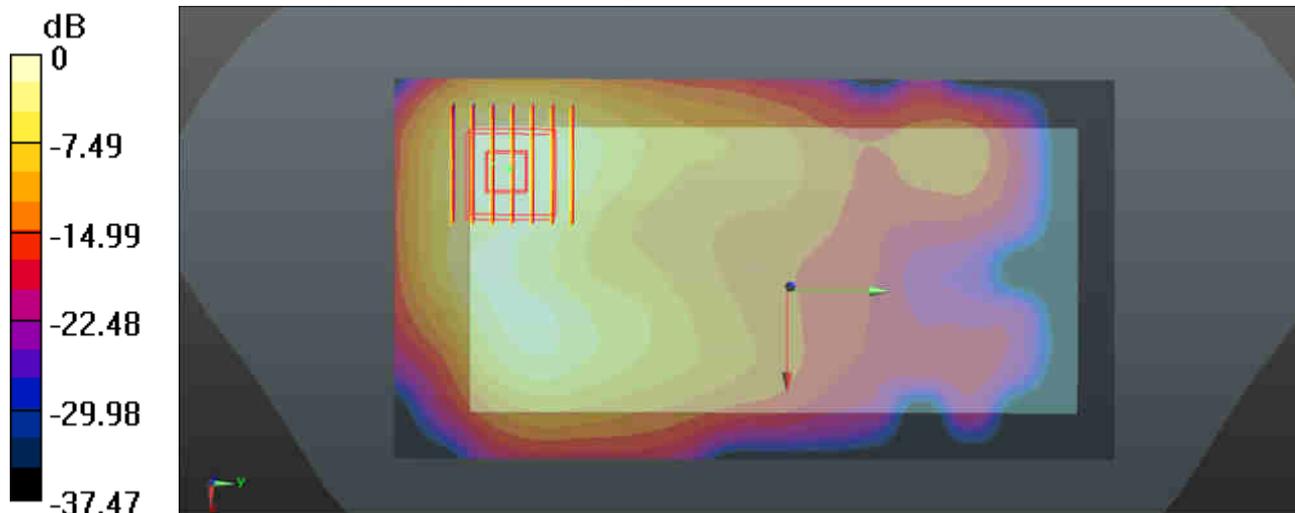
Communication System: UID 0, LTE (0); Frequency: 2660.2(PCC)+2680(SCC) MHz; Duty Cycle: 1:1.59  
Medium: MSL\_2600\_180119 Medium parameters used:  $f = 2660.2(\text{PCC})+2680(\text{SCC})$  MHz;  
 $\sigma = 2.284$  S/m;  $\epsilon_r = 50.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.37, 7.37, 7.37); Calibrated: 2017.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41292(PCC)+Ch41490(SCC)/Area Scan (81x151x1):** Interpolated grid:  
dx=12mm, dy=12mm Maximum value of SAR (interpolated) = 1.20 W/kg

**Ch41292(PCC)+Ch41490(SCC)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.60 W/kg  
**SAR(1 g) = 0.71 W/kg; SAR(10 g) = 0.503 W/kg**  
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg

### 60\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch6

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.024  
Medium: MSL\_2450\_180108 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  S/m;  $\epsilon_r = 51.715$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.09, 7.09, 7.09); Calibrated: 2017.09.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

#### Ch6/Area Scan (81x151x1): Interpolated grid: dx=12mm, dy=12mm

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

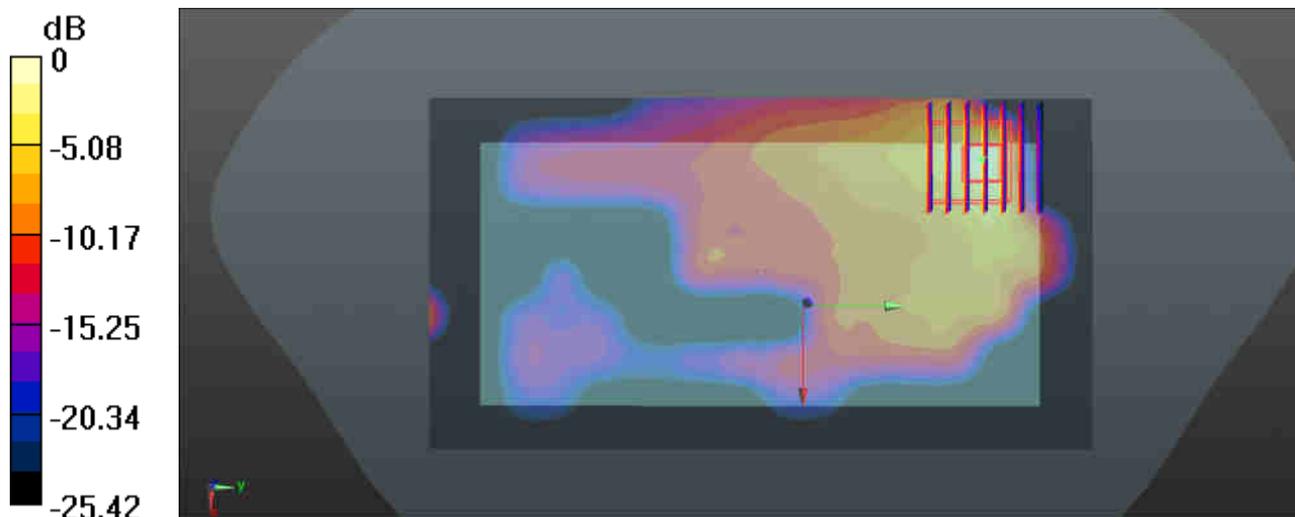
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.371 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 1.30 W/kg

### 61\_WLAN5.3GHz\_802.11a\_6Mbps\_Back\_5mm\_Ch64

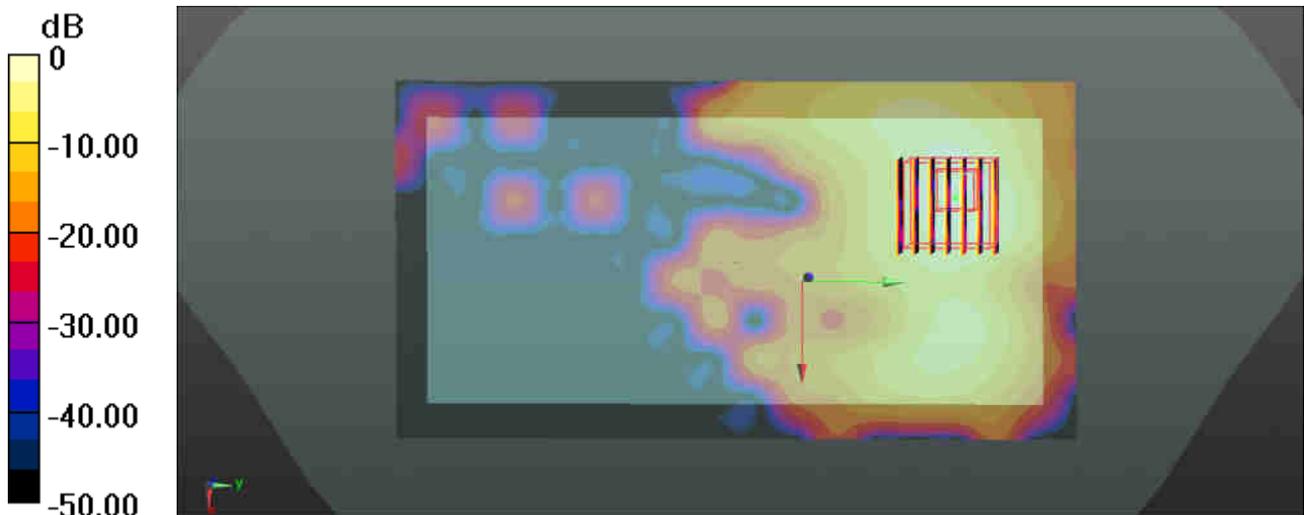
Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.144  
 Medium: MSL\_5250\_180111 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.414$  S/m;  $\epsilon_r = 50.896$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(4.8, 4.8, 4.8); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch64/Area Scan (91x171x1):** Interpolated grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.29 W/kg

**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 0 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 2.65 W/kg  
**SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.198 W/kg**  
 Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg

### 62\_WLAN5.5GHz\_802.11a\_6Mbps\_Front\_5mm\_Ch100

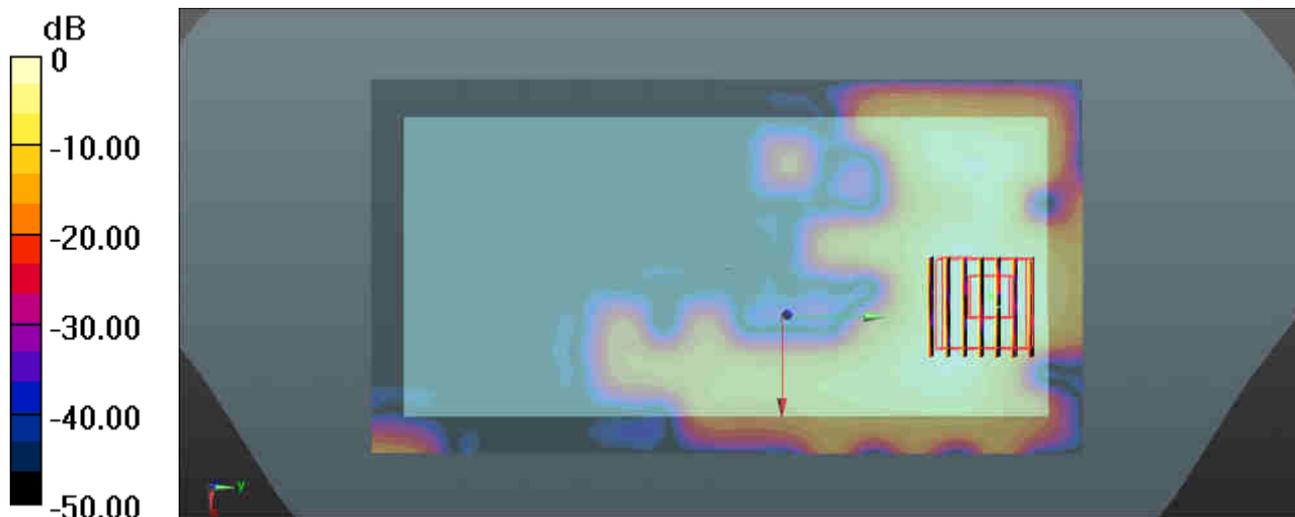
Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.144  
Medium: MSL\_5600\_180113 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.677$  S/m;  $\epsilon_r = 47.996$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(4.12, 4.12, 4.12); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (91x171x1):** Interpolated grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.977 W/kg

**Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 2.10 W/kg  
**SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.119 W/kg**  
Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.977 W/kg

### 63\_WLAN5.8GHz\_802.11a\_6Mbps\_Front\_5mm\_Ch157

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1.144  
 Medium: MSL\_5750\_180114 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.088 \text{ S/m}$ ;  $\epsilon_r = 49.855$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(4.23, 4.23, 4.23); Calibrated: 2017.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1386; Calibrated: 2017.07.20
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/Area Scan (91x171x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.797 \text{ W/kg}$

**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$   
 Reference Value =  $0 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$   
 Peak SAR (extrapolated) =  $2.31 \text{ W/kg}$   
**SAR(1 g) =  $0.390 \text{ W/kg}$ ; SAR(10 g) =  $0.116 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.05 \text{ W/kg}$

