

**10\_LTE Band 13\_10M\_QPSK\_1RB\_25offset\_Left Cheek\_0mm\_Ch23230**

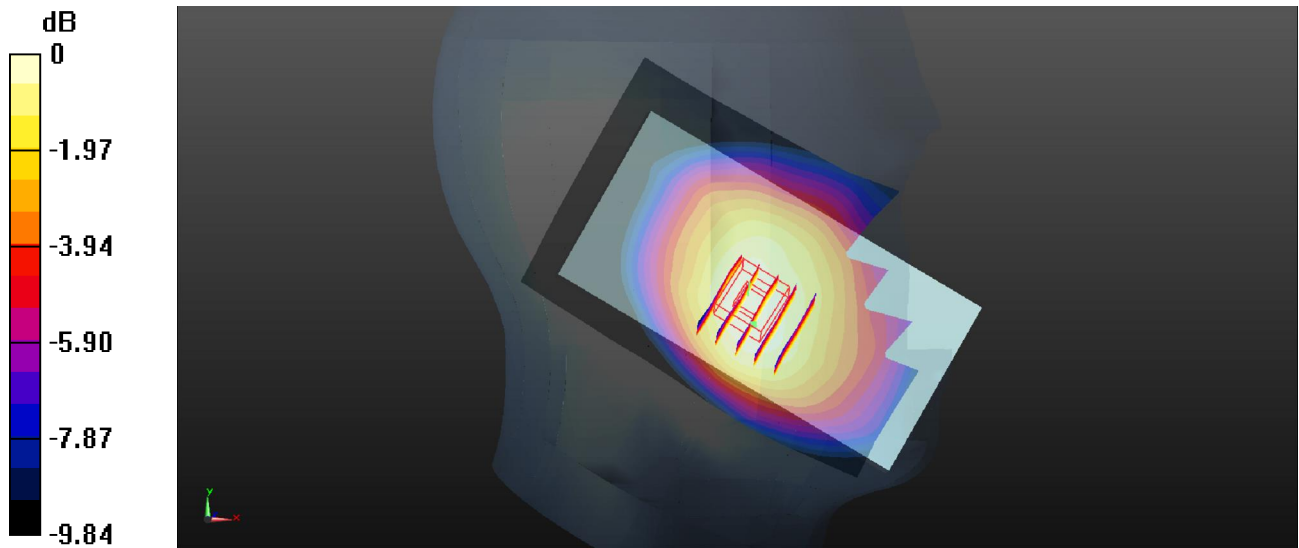
Communication System: UID 0, FDD-LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
 Medium: HSL\_750\_2017/08/02 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.922 \text{ S/m}$ ;  $\epsilon_r = 41.566$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.92, 10.92, 10.92); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) =  $0.251 \text{ W/kg}$

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $4.968 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.264 \text{ W/kg}$   
**SAR(1 g) =  $0.215 \text{ W/kg}$ ; SAR(10 g) =  $0.166 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.247 \text{ W/kg}$



0 dB =  $0.247 \text{ W/kg}$

### 11\_LTE Band 26\_15M\_QPSK\_1RB\_37offset\_Right Cheek\_0mm\_Ch26865

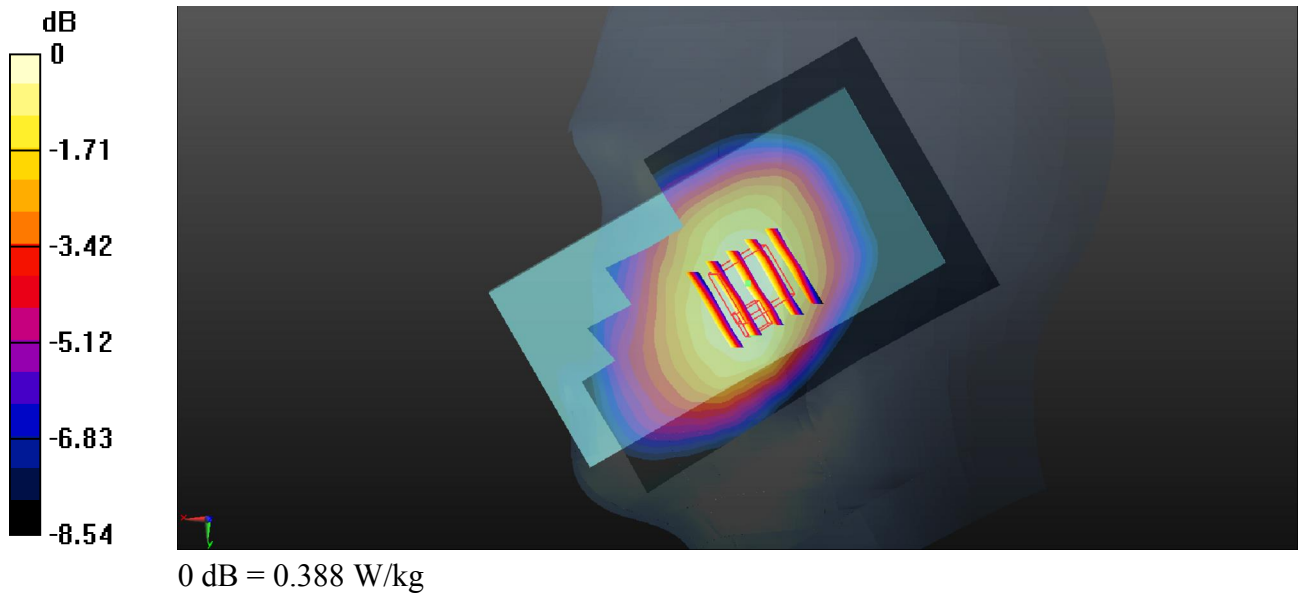
Communication System: UID 0, FDD-LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_2017/08/01 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 42.986$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.61, 10.61, 10.61); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.378 W/kg

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.561 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.425 W/kg  
**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.251 W/kg**  
Maximum value of SAR (measured) = 0.388 W/kg



## 12\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Right Cheek\_0mm\_Ch20175

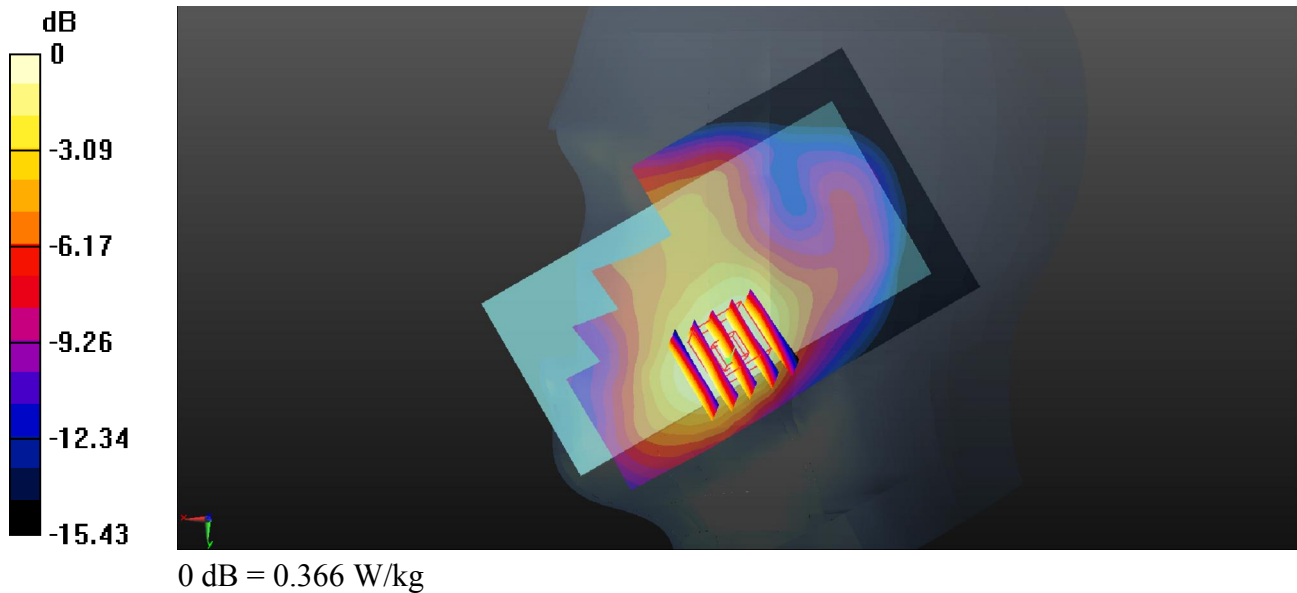
Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_2017/08/02 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.364$  S/m;  
 $\epsilon_r = 38.946$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(9.03, 9.03, 9.03); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.374 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.469 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.417 W/kg  
**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.183 W/kg**  
Maximum value of SAR (measured) = 0.366 W/kg



### 13\_LTE Band 25\_20M\_QPSK\_1RB\_49offset\_Right Cheek\_0mm\_Ch26590

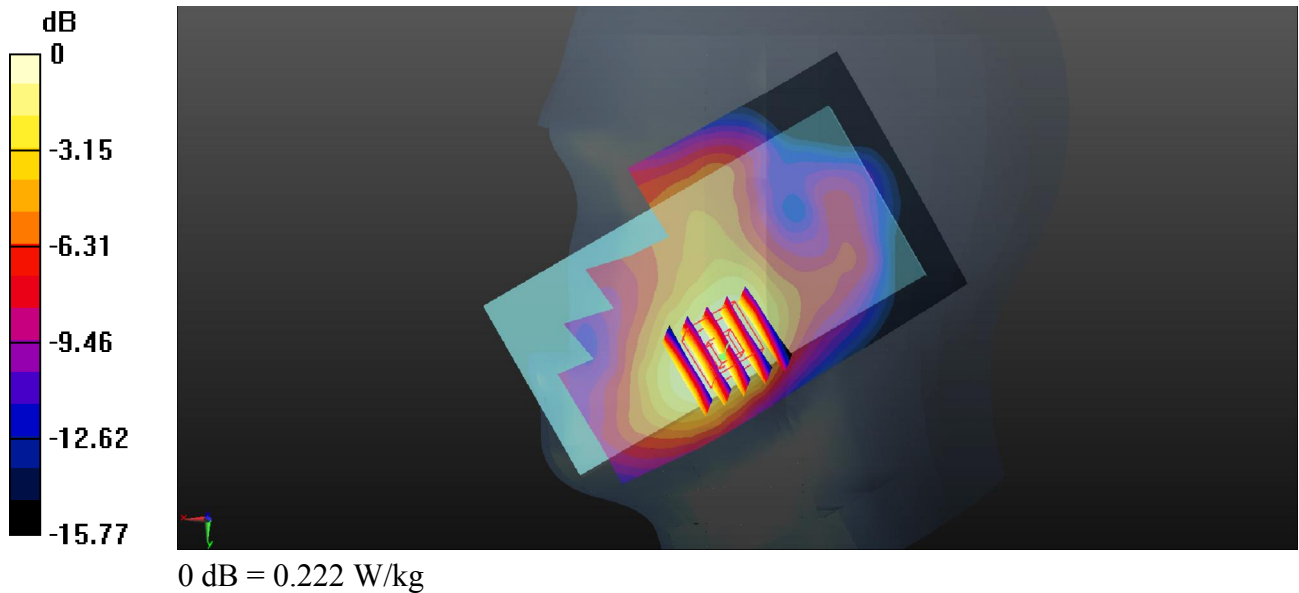
Communication System: UID 0, FDD-LTE (0); Frequency: 1905 MHz;Duty Cycle: 1:1  
Medium: HSL\_1900\_2017/07/30 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.43$  S/m;  
 $\epsilon_r = 39.979$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.64, 8.64, 8.64); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 0.230 W/kg

**Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.355 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.252 W/kg  
**SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.106 W/kg**  
Maximum value of SAR (measured) = 0.222 W/kg



### 14\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Right Cheek\_0mm\_Ch21350

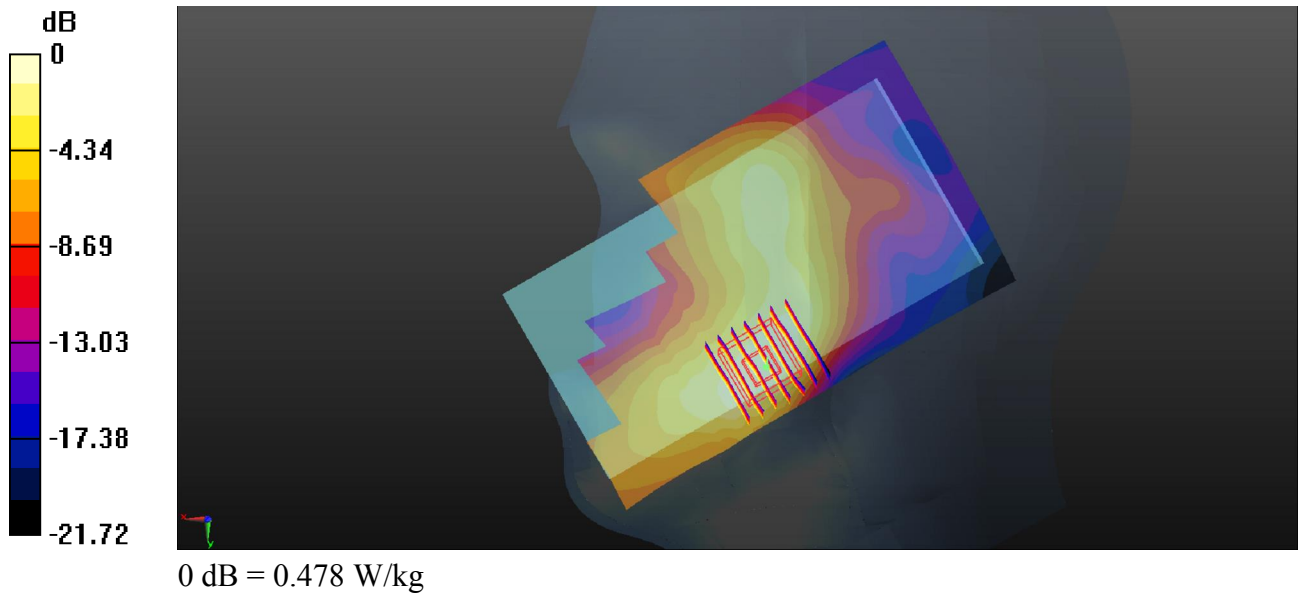
Communication System: UID 0, FDD-LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_2017/08/02 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.005$  S/m;  
 $\epsilon_r = 37.636$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21350/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.500 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.513 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.586 W/kg  
**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.164 W/kg**  
Maximum value of SAR (measured) = 0.478 W/kg



**15\_LTE Band 41\_20M\_QPSK\_1RB\_0offset\_Left Cheek\_0mm\_Ch41490\_Power Class 2**

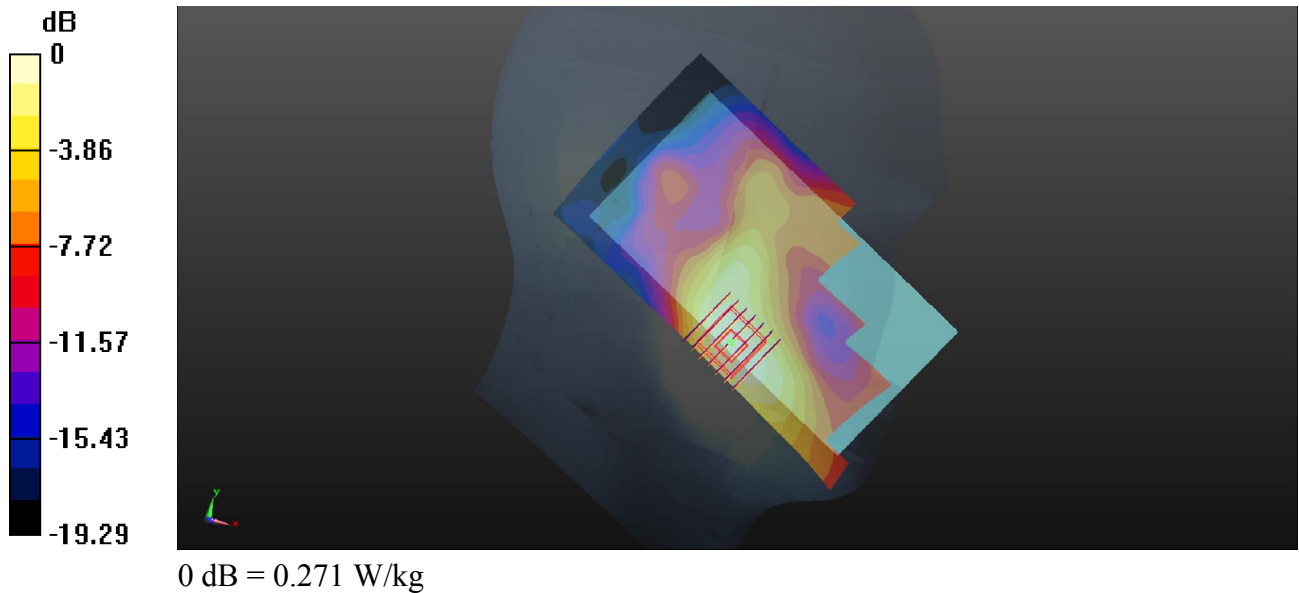
Communication System: UID 0, TDD-LTE (0); Frequency: 2680 MHz;Duty Cycle: 1:2.33  
Medium: HSL\_2600\_2017/08/02 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.145$  S/m;  
 $\epsilon_r = 37.154$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM4; Type: QD000P40CD; Serial: TP:1756
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41490/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.274 W/kg

**Ch41490/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.347 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.344 W/kg  
**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.092 W/kg**  
Maximum value of SAR (measured) = 0.271 W/kg



### 16\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_0mm\_Ch6

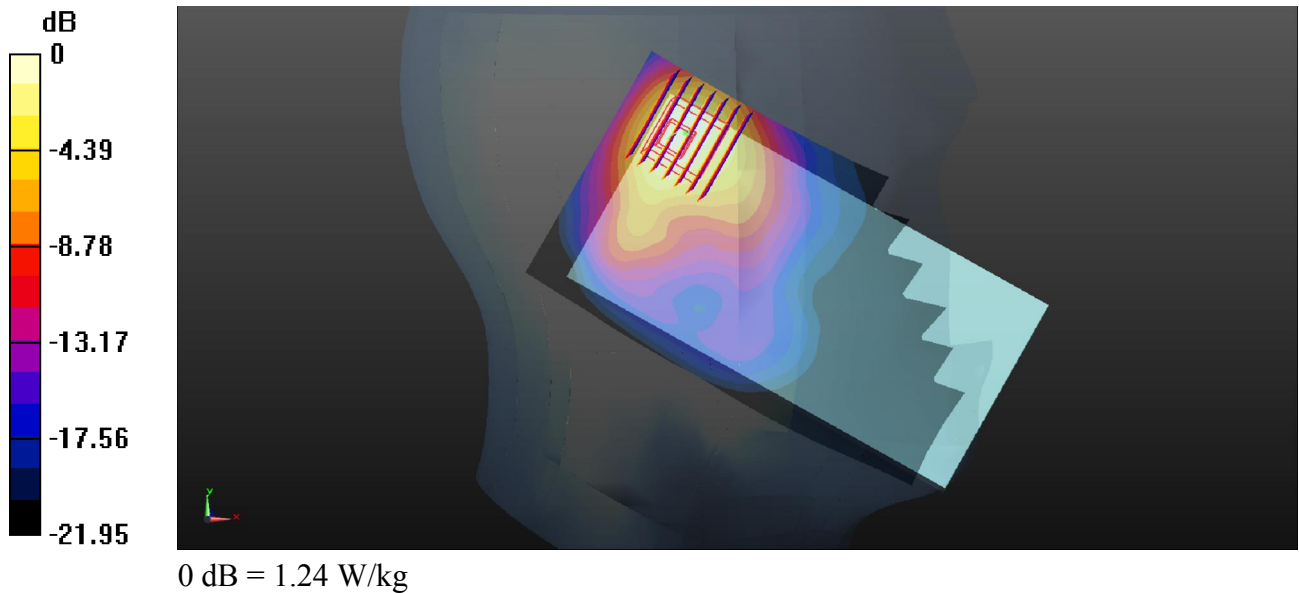
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.021  
Medium: HSL\_2450\_2017/08/14 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.865$  S/m;  
 $\epsilon_r = 38.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.81, 7.81, 7.81); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 1.25 W/kg

**Ch6/Zoom Scan (8x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 12.10 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.343 W/kg**  
Maximum value of SAR (measured) = 1.24 W/kg



**17\_GSM850\_GPRS(2 Tx slots)\_Back\_10mm\_Ch251**

Communication System: UID 0, GPRS (GMSK 2 Tx slot) (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 1.027 \text{ S/m}$ ;  
 $\epsilon_r = 55.812$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

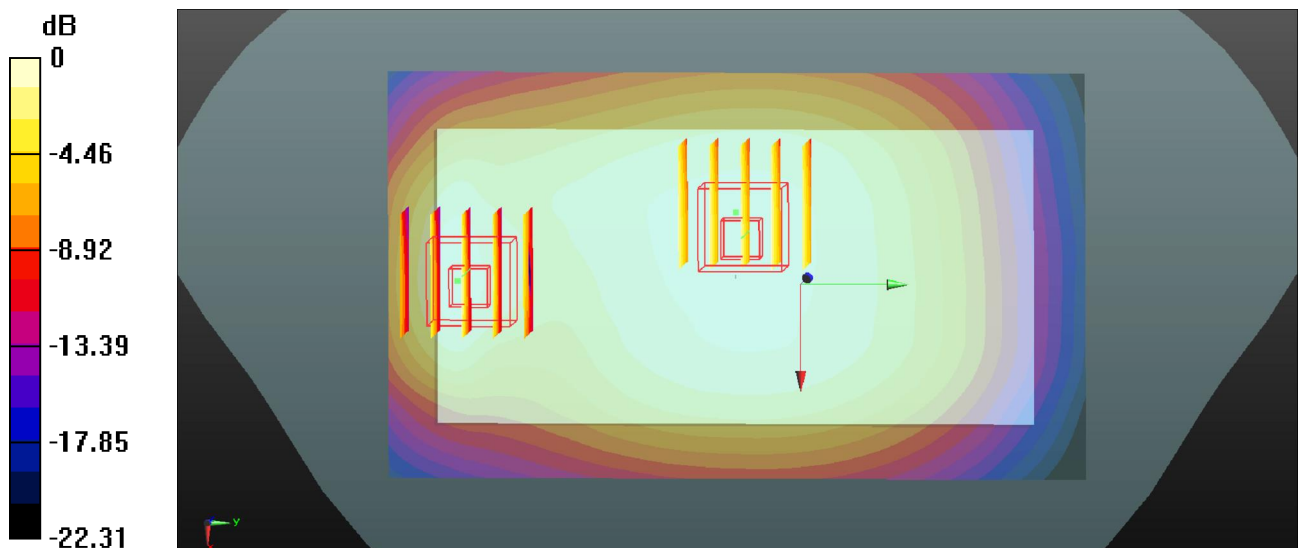
DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $1.18 \text{ W/kg}$

**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $29.27 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.15 \text{ W/kg}$   
**SAR(1 g) =  $0.877 \text{ W/kg}$ ; SAR(10 g) =  $0.670 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.06 \text{ W/kg}$

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $29.27 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.57 \text{ W/kg}$   
**SAR(1 g) =  $0.851 \text{ W/kg}$ ; SAR(10 g) =  $0.483 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.28 \text{ W/kg}$



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



### 18\_GSM1900\_GPRS(3 Tx slots)\_Back\_10mm\_Ch810

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77  
Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.546 \text{ S/m}$ ;  
 $\epsilon_r = 52.396$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

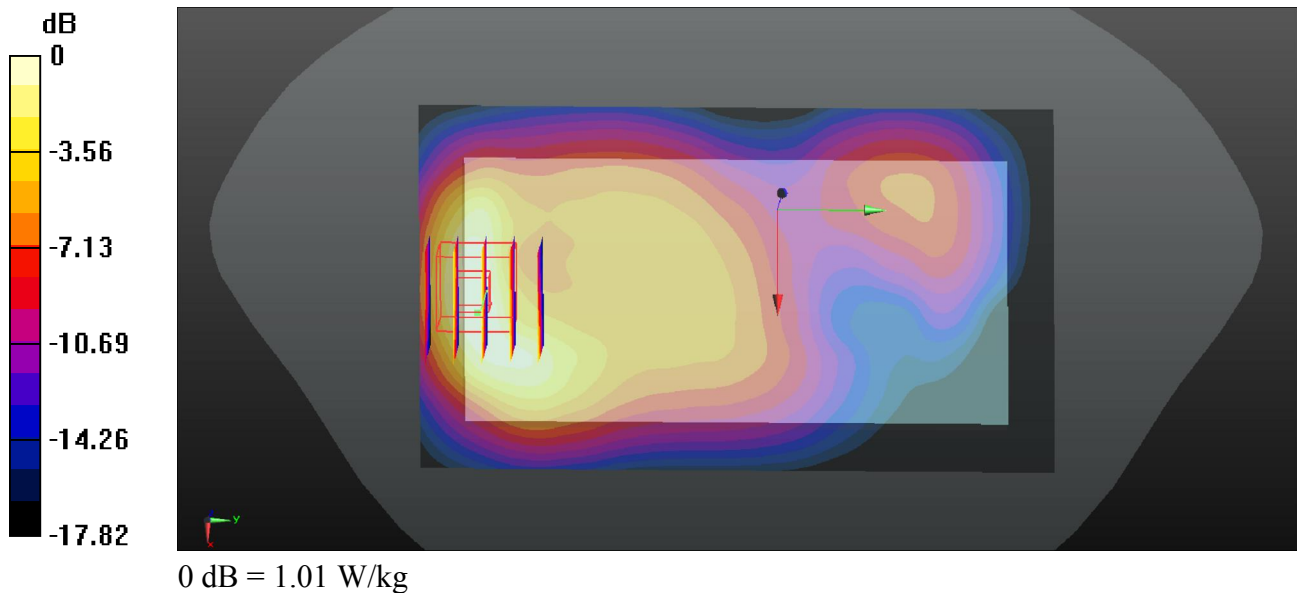
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.28 \text{ V/m}$ ; Power Drift =  $0.08 \text{ dB}$

Peak SAR (extrapolated) =  $1.22 \text{ W/kg}$

**SAR(1 g) =  $0.694 \text{ W/kg}$ ; SAR(10 g) =  $0.364 \text{ W/kg}$**

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



**19\_WCDMA Band V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233**

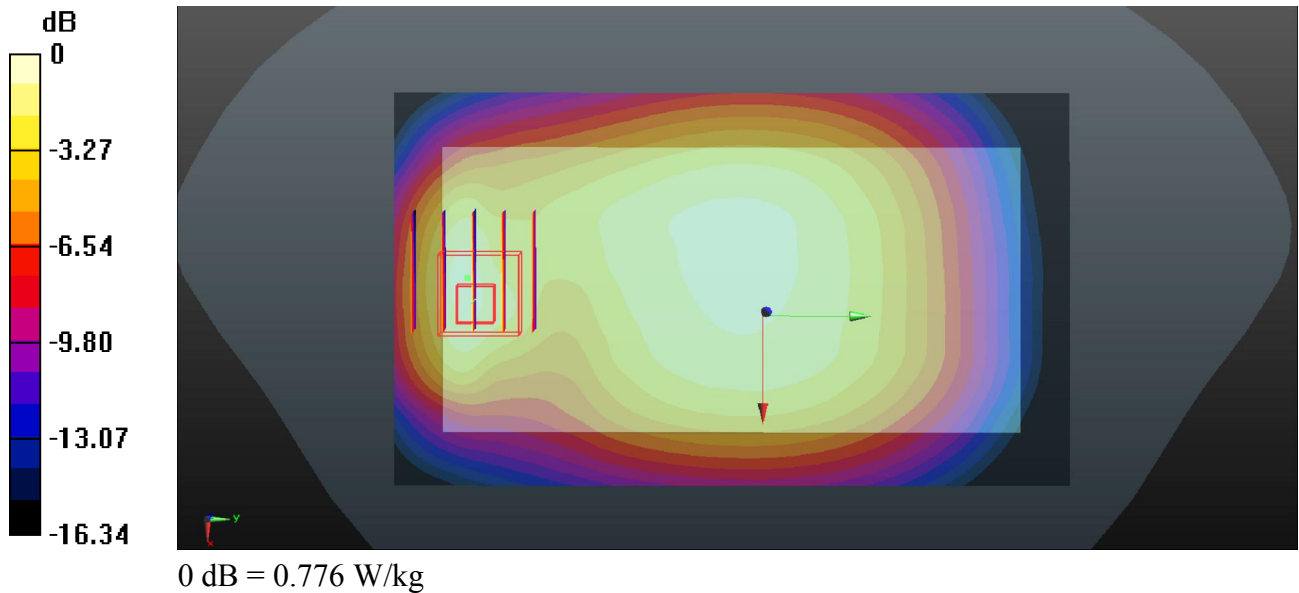
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 846.6 \text{ MHz}$ ;  $\sigma = 1.025 \text{ S/m}$ ;  
 $\epsilon_r = 55.829$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4233/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.677 \text{ W/kg}$

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $22.96 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.936 \text{ W/kg}$   
**SAR(1 g) =  $0.504 \text{ W/kg}$ ; SAR(10 g) =  $0.285 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.776 \text{ W/kg}$



**20\_WCDMA Band IV\_RMC 12.2Kbps\_Back\_10mm\_Ch1413**

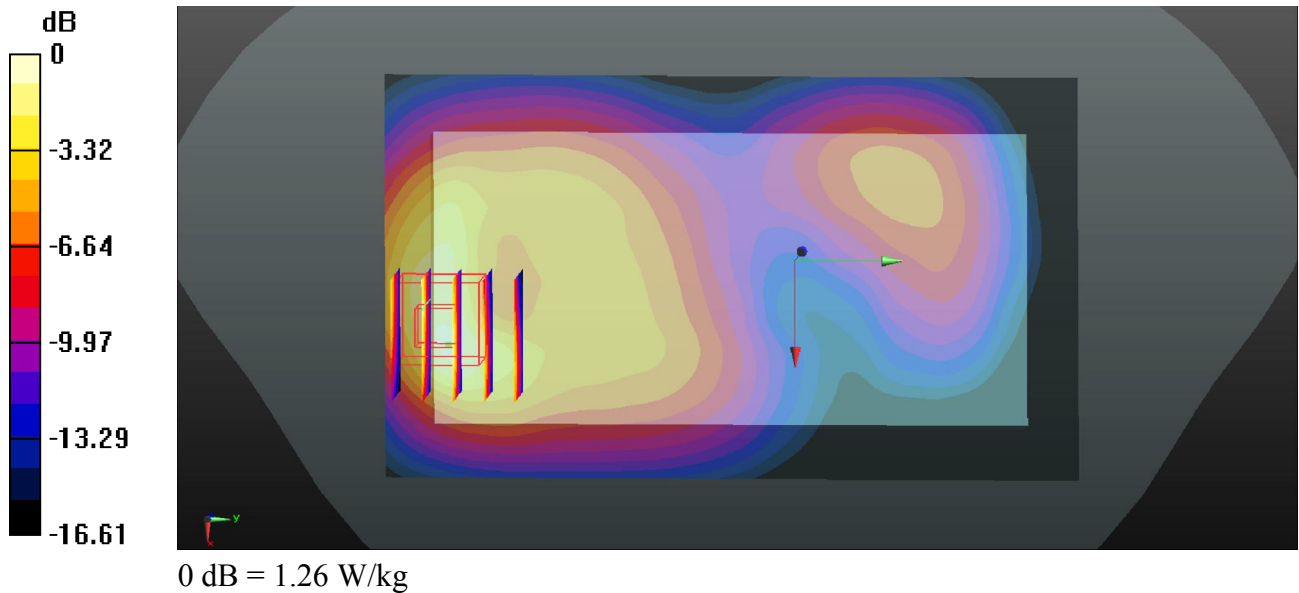
Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_2017/07/22 Medium parameters used:  $f = 1732.6 \text{ MHz}$ ;  $\sigma = 1.496 \text{ S/m}$ ;  
 $\epsilon_r = 53.75$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1413/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $1.06 \text{ W/kg}$

**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $11.16 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.55 \text{ W/kg}$   
**SAR(1 g) =  $0.866 \text{ W/kg}$ ; SAR(10 g) =  $0.467 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.26 \text{ W/kg}$



**21\_WCDMA Band II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538**

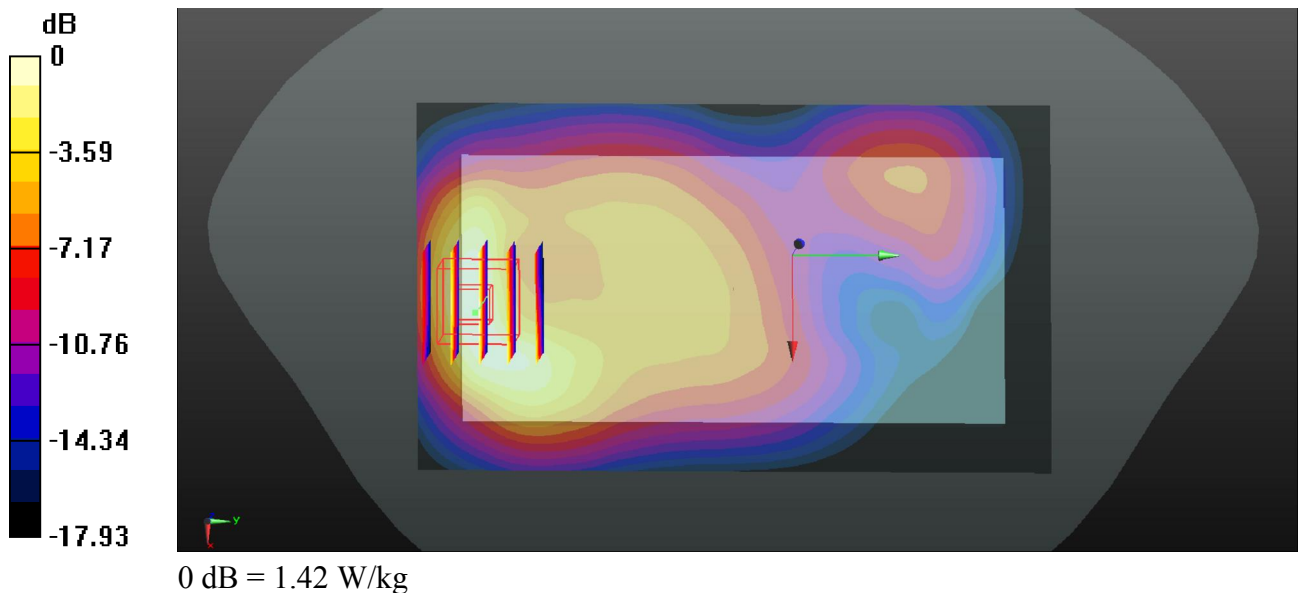
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1907.6 \text{ MHz}$ ;  $\sigma = 1.544 \text{ S/m}$ ;  
 $\epsilon_r = 52.419$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9538/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $1.46 \text{ W/kg}$

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $13.24 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.67 \text{ W/kg}$   
**SAR(1 g) =  $0.930 \text{ W/kg}$ ; SAR(10 g) =  $0.485 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.42 \text{ W/kg}$



## 22\_CDMA2000 BC0\_RTAP 153.6Kbps\_Back\_10mm\_Ch777

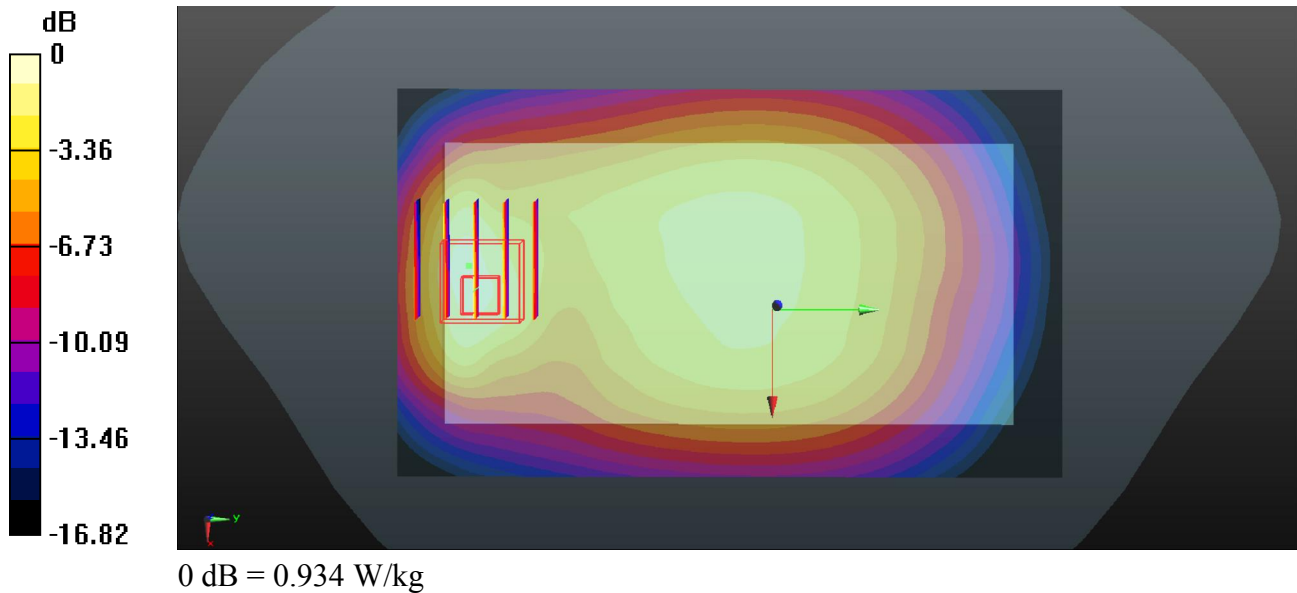
Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 1.026$  S/m;  
 $\epsilon_r = 55.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 0.861 W/kg

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.24 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.15 W/kg  
**SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.343 W/kg**  
Maximum value of SAR (measured) = 0.934 W/kg



**23\_CDMA2000 BC10\_RTAP 153.6Kbps\_Back\_10mm\_Ch684**

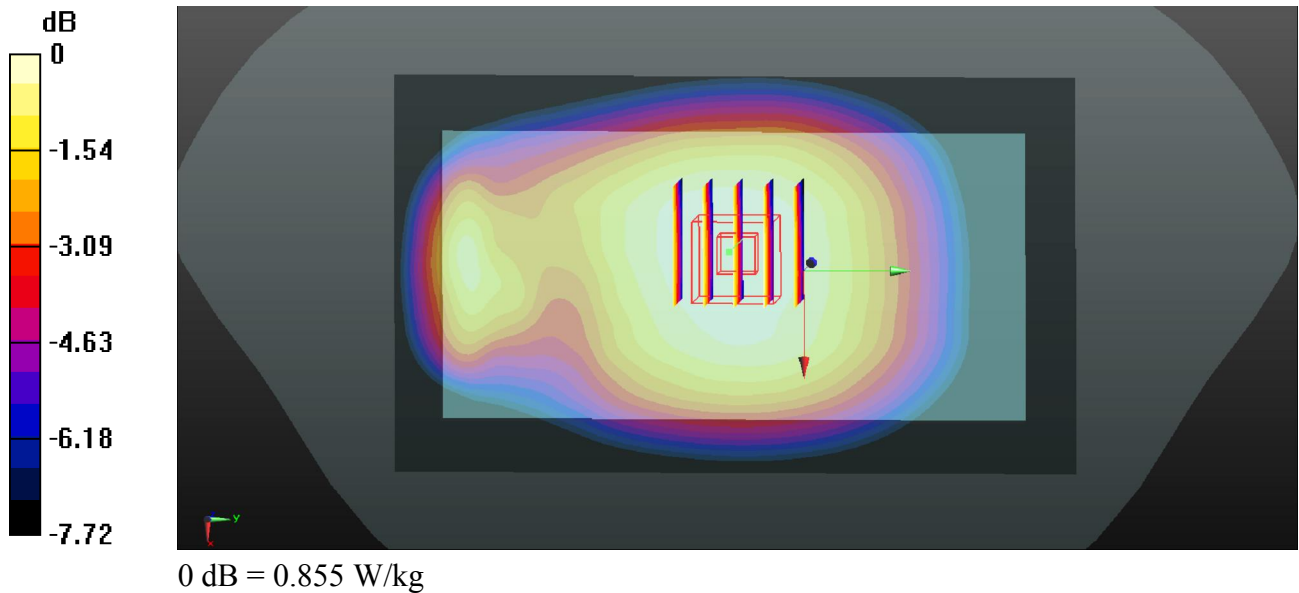
Communication System: UID 0, CDMA2000 (0); Frequency: 823.1 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 823.1 \text{ MHz}$ ;  $\sigma = 1.001 \text{ S/m}$ ;  
 $\epsilon_r = 56.062$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch684/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.844 \text{ W/kg}$

**Ch684/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $26.49 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.940 \text{ W/kg}$   
**SAR(1 g) =  $0.706 \text{ W/kg}$ ; SAR(10 g) =  $0.550 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.855 \text{ W/kg}$



**24\_CDMA2000 BC1\_RTAP 153.6Kbps\_Bottom side\_10mm\_Ch1175**

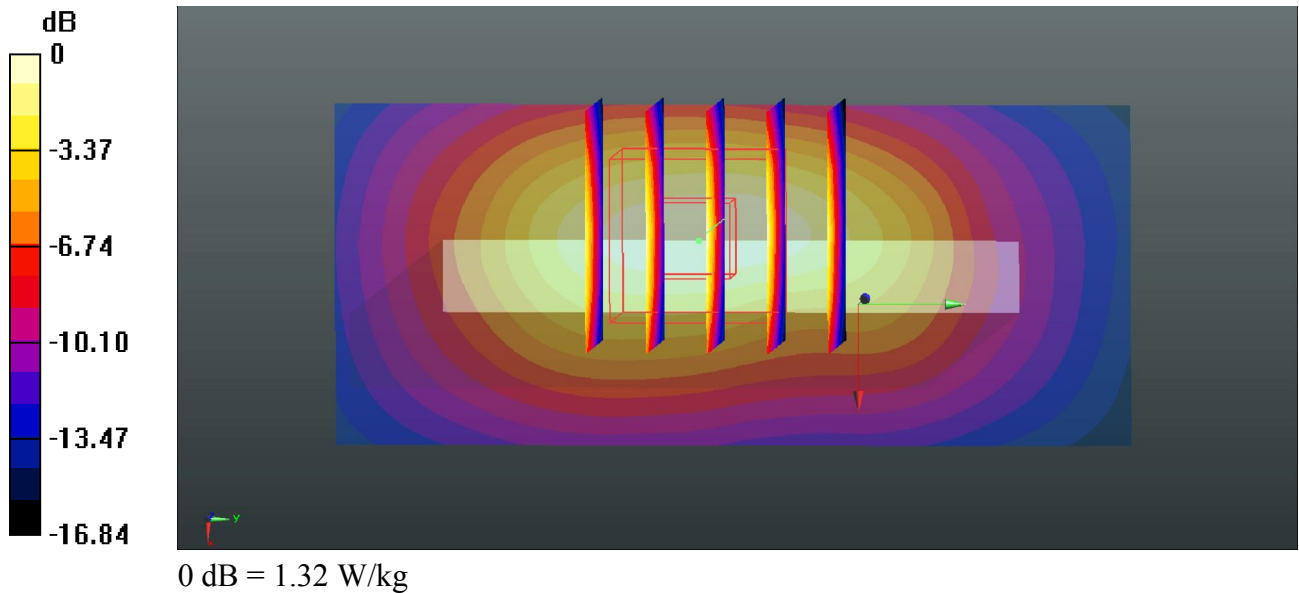
Communication System: UID 0, CDMA2000 (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.545 \text{ S/m}$ ;  
 $\epsilon_r = 52.407$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1175/Area Scan (31x71x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $1.29 \text{ W/kg}$

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $23.30 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.54 \text{ W/kg}$   
**SAR(1 g) =  $0.880 \text{ W/kg}$ ; SAR(10 g) =  $0.494 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.32 \text{ W/kg}$



**25\_LTE Band 12\_10M\_QPSK\_1RB\_25offset\_Back\_10mm\_Ch23095**

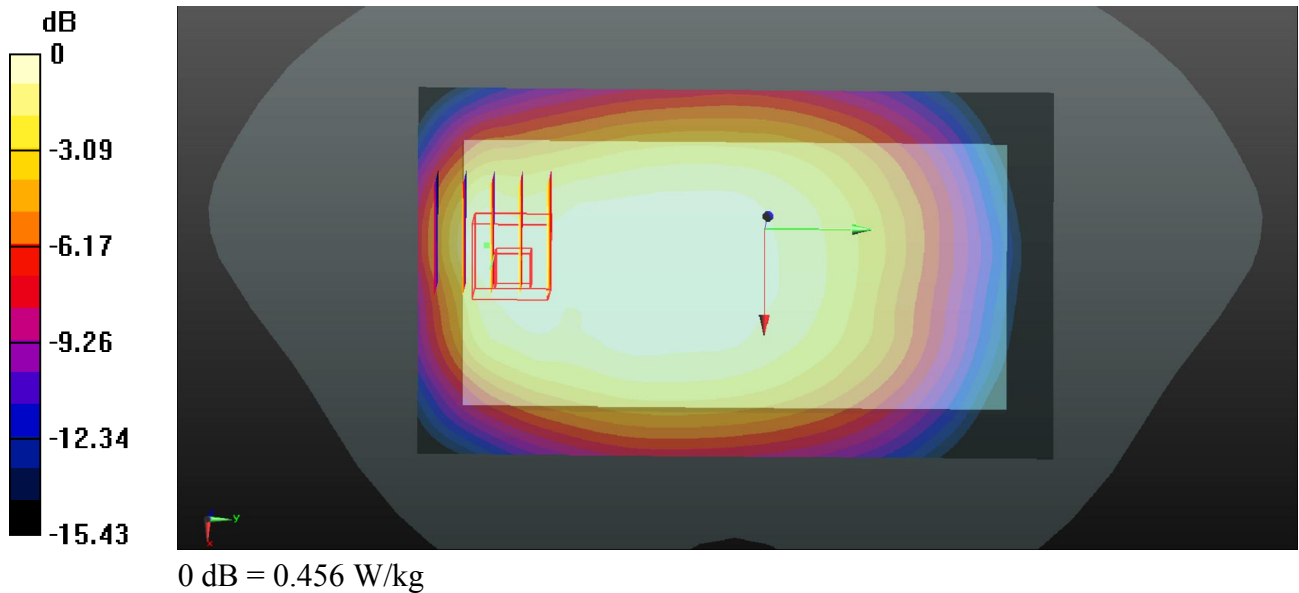
Communication System: UID 0, FDD-LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
 Medium: MSL\_750\_2017/07/27 Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.925 \text{ S/m}$ ;  
 $\epsilon_r = 55.487$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.476 \text{ W/kg}$

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $19.75 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.560 \text{ W/kg}$   
**SAR(1 g) =  $0.333 \text{ W/kg}$ ; SAR(10 g) =  $0.220 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.456 \text{ W/kg}$





### 26\_LTE Band 13\_10M\_QPSK\_1RB\_25offset\_Right side\_10mm\_Ch23230

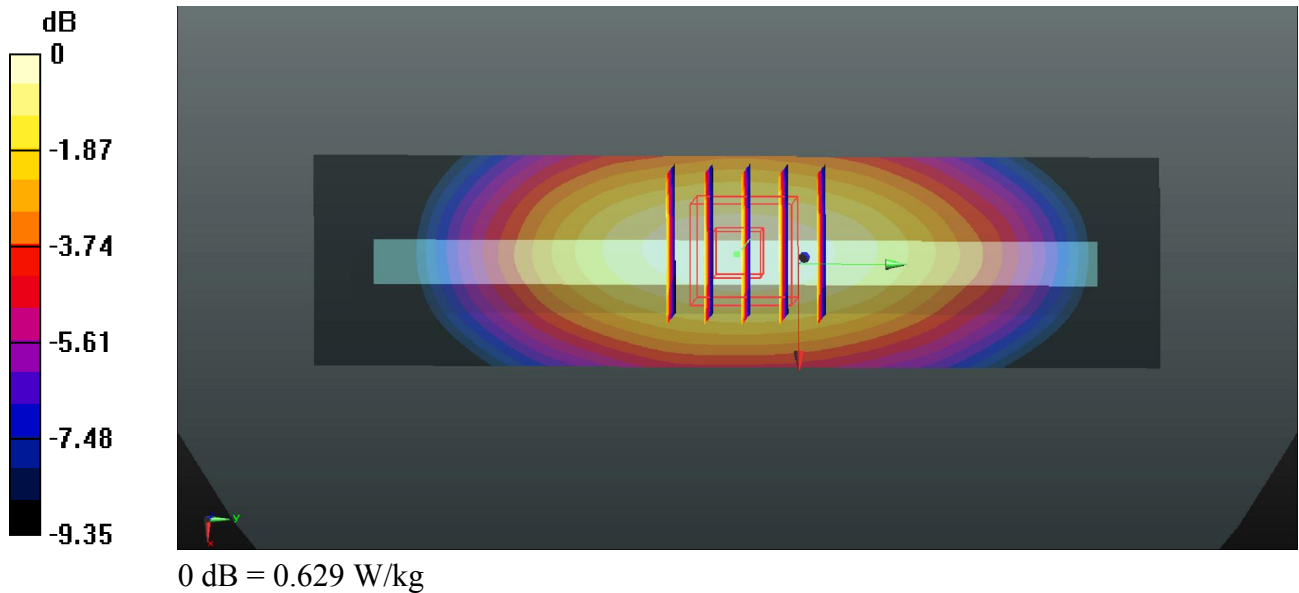
Communication System: UID 0, FDD-LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_2017/07/27 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  
 $\epsilon_r = 54.695$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (31x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.624 \text{ W/kg}$

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $22.74 \text{ V/m}$ ; Power Drift =  $-0.18 \text{ dB}$   
Peak SAR (extrapolated) =  $0.705 \text{ W/kg}$   
**SAR(1 g) =  $0.486 \text{ W/kg}$ ; SAR(10 g) =  $0.337 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.629 \text{ W/kg}$



**27\_LTE Band 26\_15M\_QPSK\_1RB\_37offset\_Back\_10mm\_Ch26865**

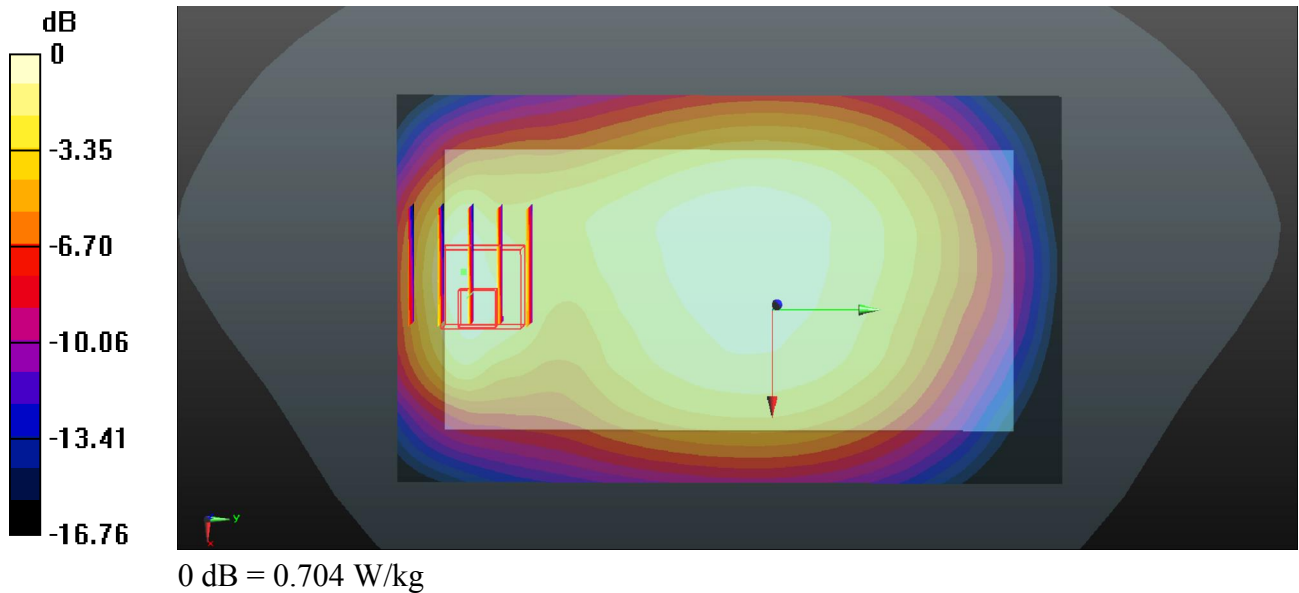
Communication System: UID 0, FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 1.01 \text{ S/m}$ ;  
 $\epsilon_r = 55.976$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.713 \text{ W/kg}$

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $22.66 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.887 \text{ W/kg}$   
**SAR(1 g) =  $0.496 \text{ W/kg}$ ; SAR(10 g) =  $0.280 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.704 \text{ W/kg}$



**28\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Back\_10mm\_Ch20175**

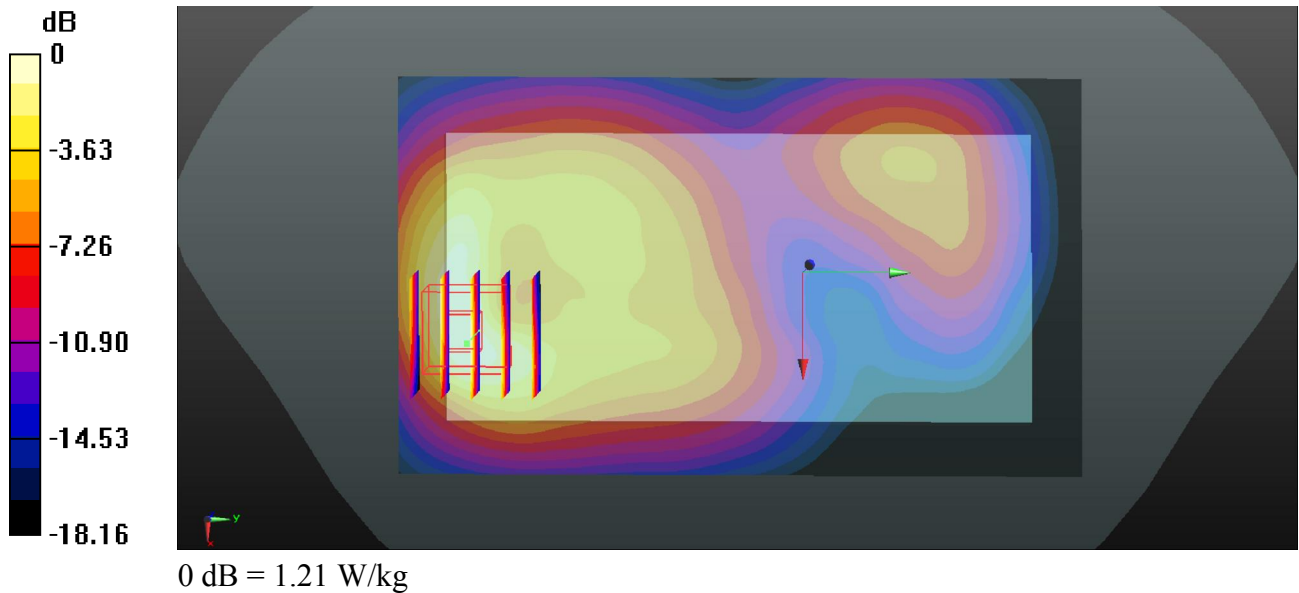
Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_2017/07/22 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.496$  S/m;  
 $\epsilon_r = 53.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.19 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 9.383 V/m; Power Drift = 0.09 dB  
 Peak SAR (extrapolated) = 1.46 W/kg  
**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.415 W/kg**  
 Maximum value of SAR (measured) = 1.21 W/kg



### 29\_LTE Band 25\_20M\_QPSK\_1RB\_49offset\_Back\_10mm\_Ch26140

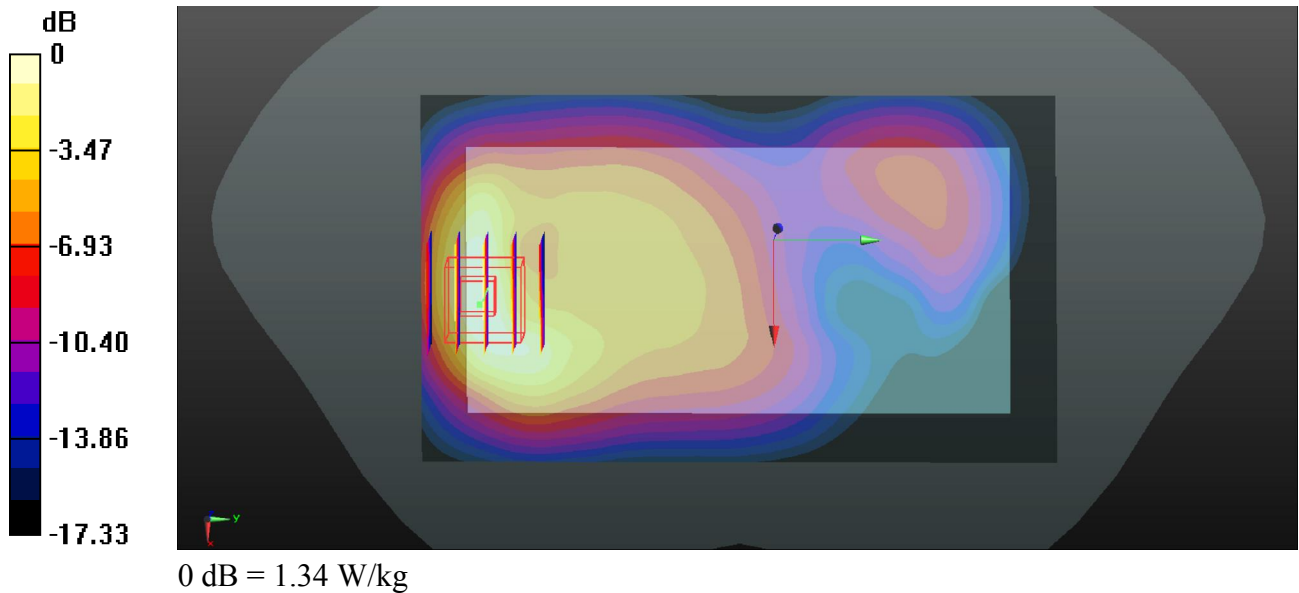
Communication System: UID 0, FDD-LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.512$  S/m;  
 $\epsilon_r = 52.633$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 1.45 W/kg

**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 11.93 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.474 W/kg**  
Maximum value of SAR (measured) = 1.34 W/kg



**30\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Back\_10mm\_Ch20850**

Communication System: UID 0, FDD-LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2600\_2017/07/28 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.026$  S/m;  
 $\epsilon_r = 51.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.9 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 1.24 W/kg

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

Reference Value = 7.531 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.449 W/kg**

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

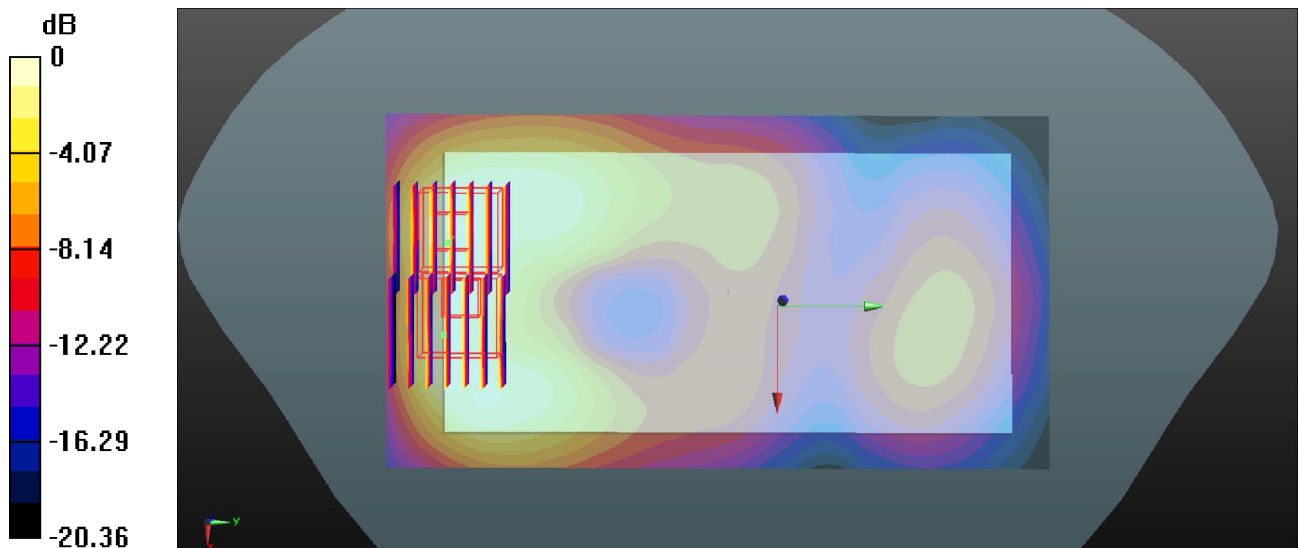
**Ch20850/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.531 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.350 W/kg**

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



0 dB = 1.17 W/kg

**31\_LTE Band 41\_20M\_QPSK\_1RB\_0offset\_Back\_10mm\_Ch40620\_Power Class 2**

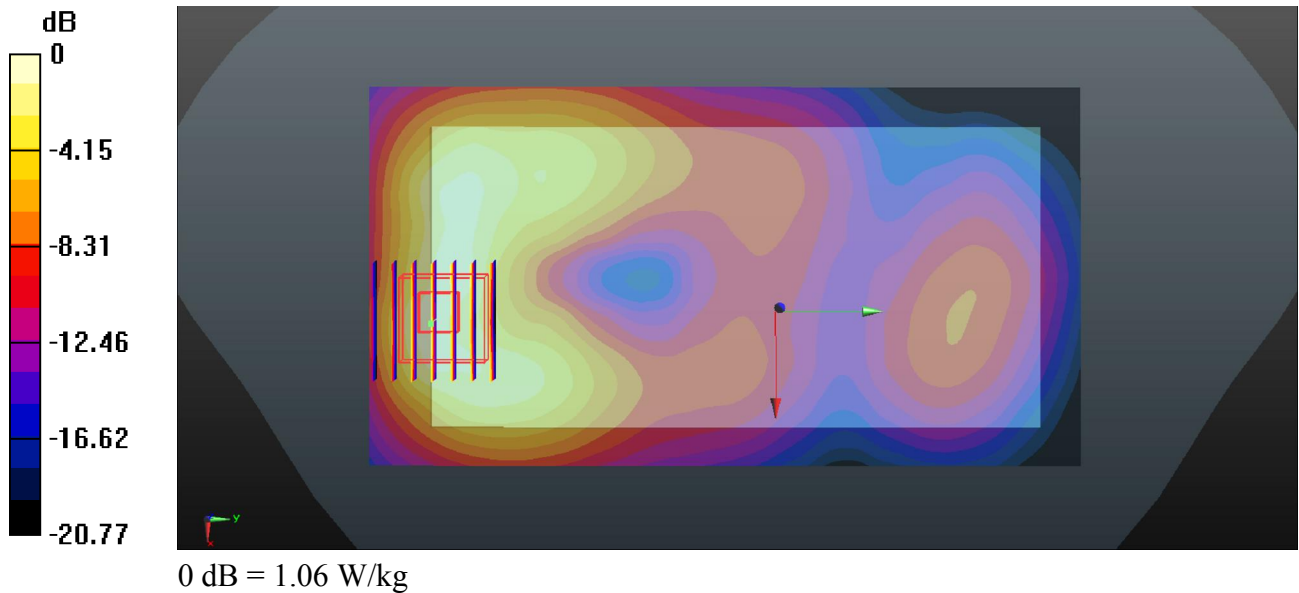
Communication System: UID 0, TDD-LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:2.33  
 Medium: MSL\_2600\_2017/07/28 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.139 \text{ S/m}$ ;  
 $\epsilon_r = 51.006$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.9 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40620/Area Scan (81x151x1):** Interpolated grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.984 \text{ W/kg}$

**Ch40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $5.837 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.39 \text{ W/kg}$   
**SAR(1 g) =  $0.647 \text{ W/kg}$ ; SAR(10 g) =  $0.304 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.06 \text{ W/kg}$



### 32\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch6

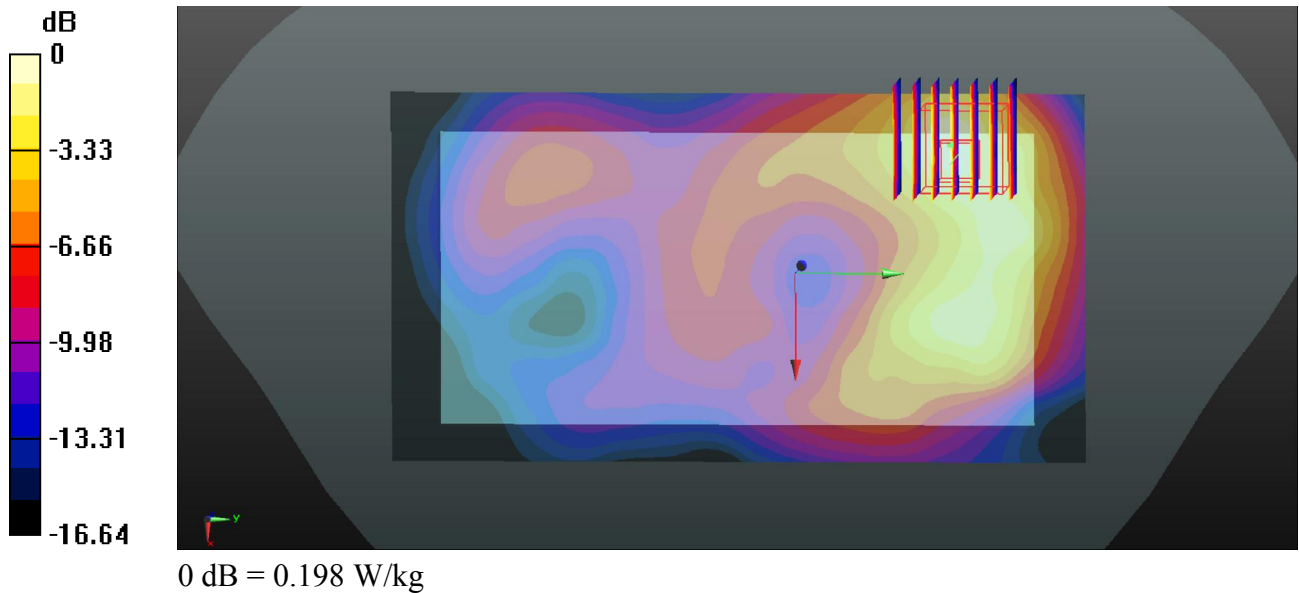
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.021  
Medium: MSL\_2450\_2017/08/14 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.967$  S/m;  
 $\epsilon_r = 51.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.89, 7.89, 7.89); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 0.211 W/kg

**Ch6/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.442 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.243 W/kg  
**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.064 W/kg**  
Maximum value of SAR (measured) = 0.198 W/kg



### 33\_GSM850\_GPRS(2 Tx slots)\_Back\_15mm\_Ch251

Communication System: UID 0, GPRS (GMSK 2 Tx slot) (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 1.027 \text{ S/m}$ ;  $\epsilon_r = 55.812$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.895 \text{ W/kg}$

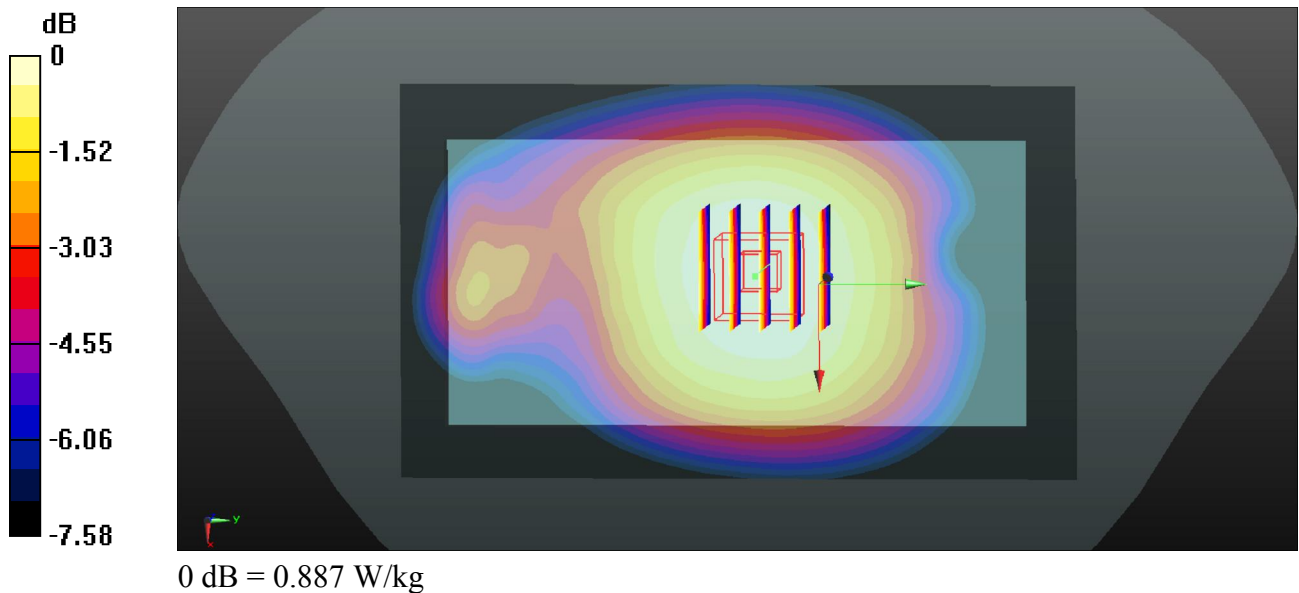
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.90 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.980 \text{ W/kg}$

**SAR(1 g) =  $0.739 \text{ W/kg}$ ; SAR(10 g) =  $0.571 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.887 \text{ W/kg}$





**34\_GSM1900\_GPRS(3 Tx slots)\_Back\_15mm\_Ch810**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1909.8 MHz; Duty Cycle 1:2.77  
 Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.546 \text{ S/m}$ ;  
 $\epsilon_r = 52.396$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.451 \text{ W/kg}$

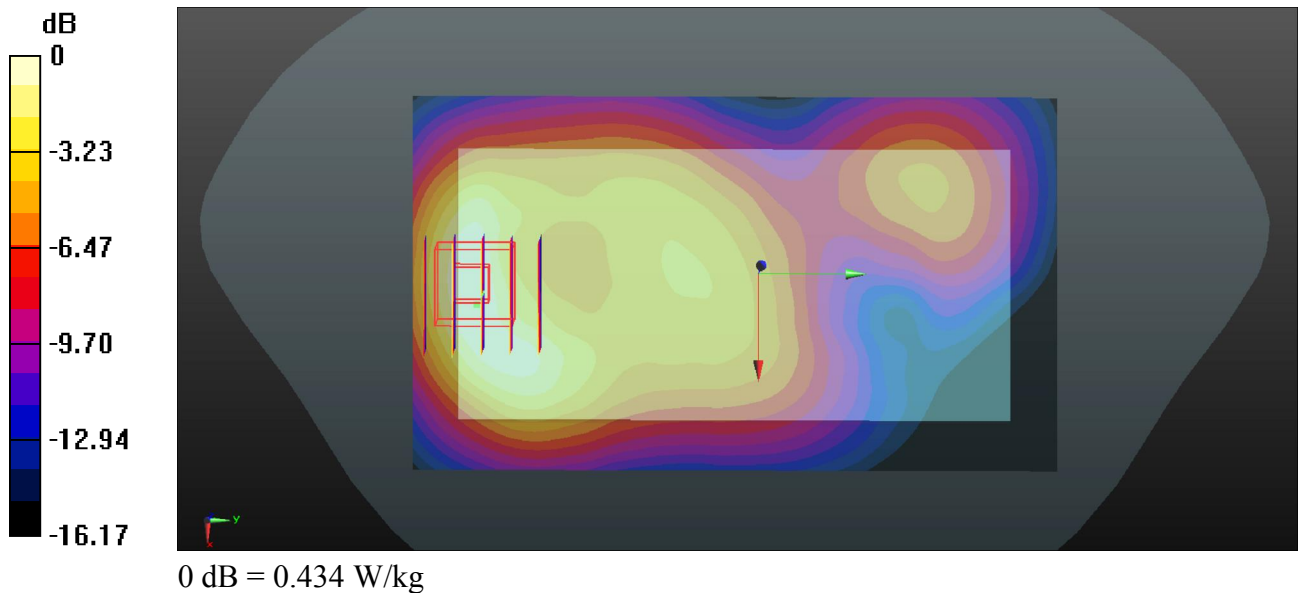
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.590 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.510 \text{ W/kg}$

**SAR(1 g) =  $0.311 \text{ W/kg}$ ; SAR(10 g) =  $0.177 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.434 \text{ W/kg}$



**35\_WCDMA Band V\_RMC 12.2Kbps\_Back\_15mm\_Ch4233**

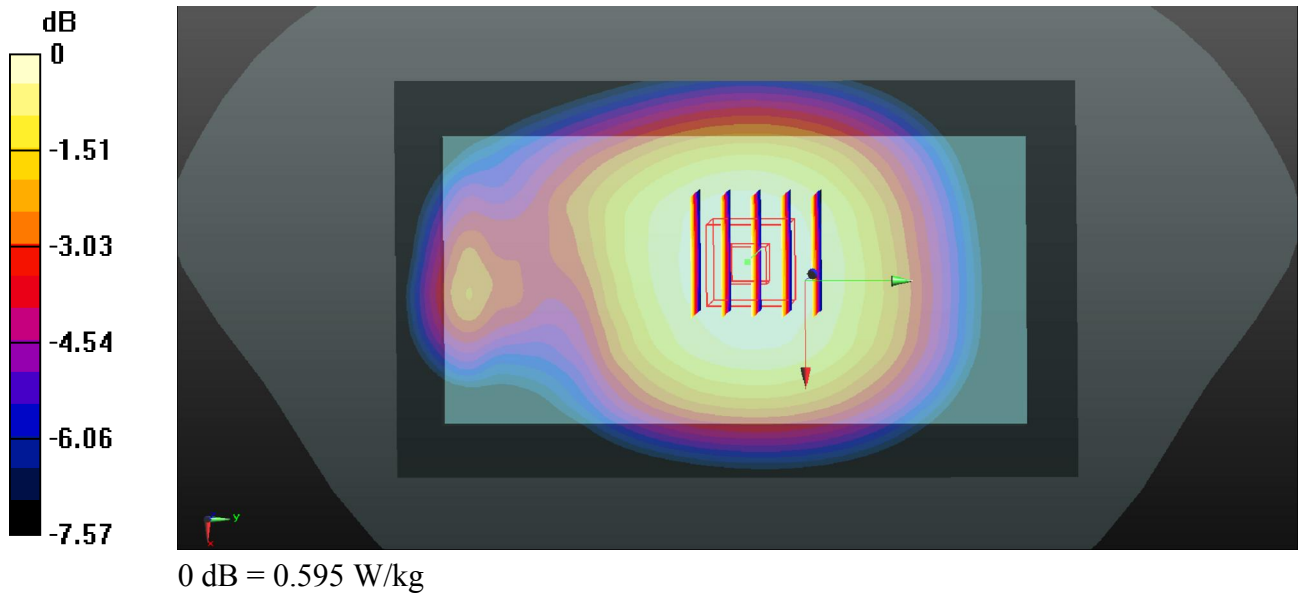
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 846.6 \text{ MHz}$ ;  $\sigma = 1.025 \text{ S/m}$ ;  
 $\epsilon_r = 55.829$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4233/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.596 \text{ W/kg}$

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $21.91 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.651 \text{ W/kg}$   
**SAR(1 g) =  $0.494 \text{ W/kg}$ ; SAR(10 g) =  $0.382 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.595 \text{ W/kg}$



### 36\_WCDMA Band IV\_RMC 12.2Kbps\_Back\_15mm\_Ch1513

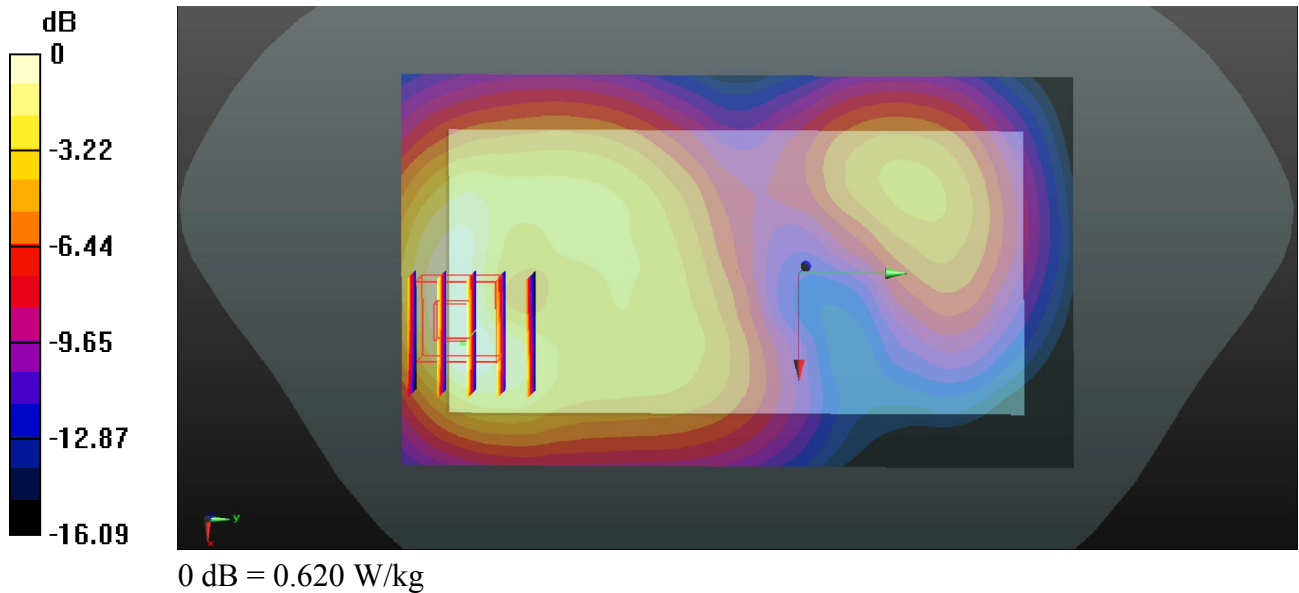
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_2017/07/22 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.518$  S/m;  
 $\epsilon_r = 53.684$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 0.629 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 7.865 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 0.725 W/kg  
**SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.251 W/kg**  
 Maximum value of SAR (measured) = 0.620 W/kg



### 37\_WCDMA Band II\_RMC 12.2Kbps\_Back\_15mm\_Ch9538

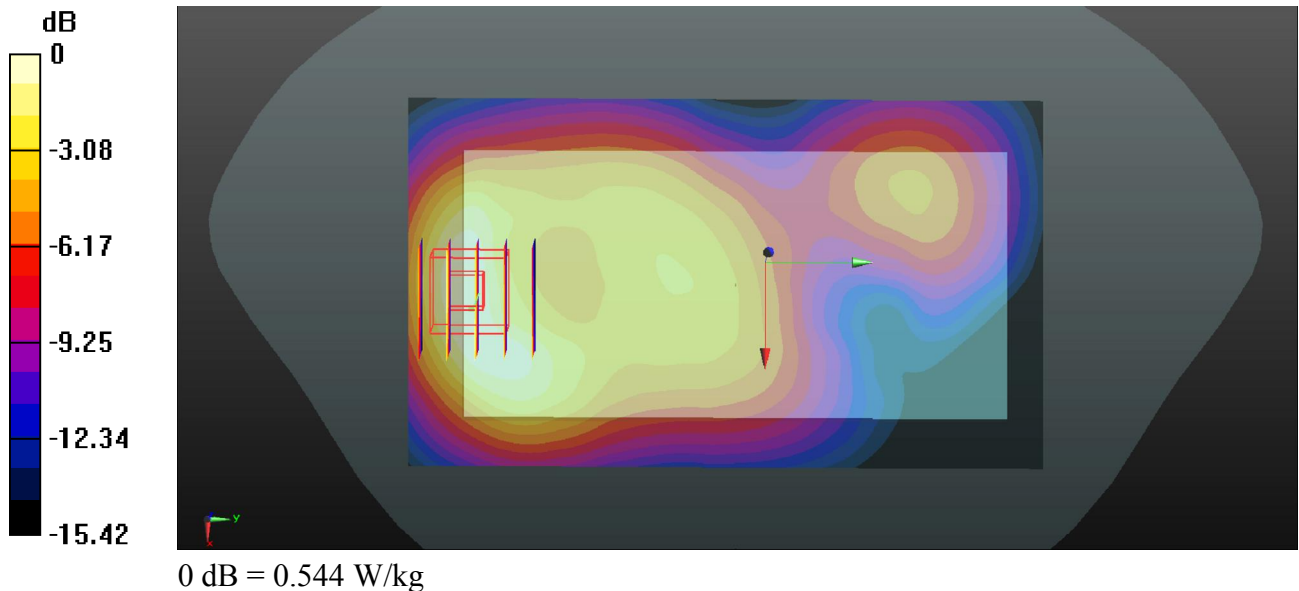
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.544$  S/m;  
 $\epsilon_r = 52.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9538/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.576 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.39 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.639 W/kg  
**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.226 W/kg**  
Maximum value of SAR (measured) = 0.544 W/kg



**38\_CDMA2000 BC0\_RC3 SO32 (F+SCH) \_Back\_15mm\_Ch777**

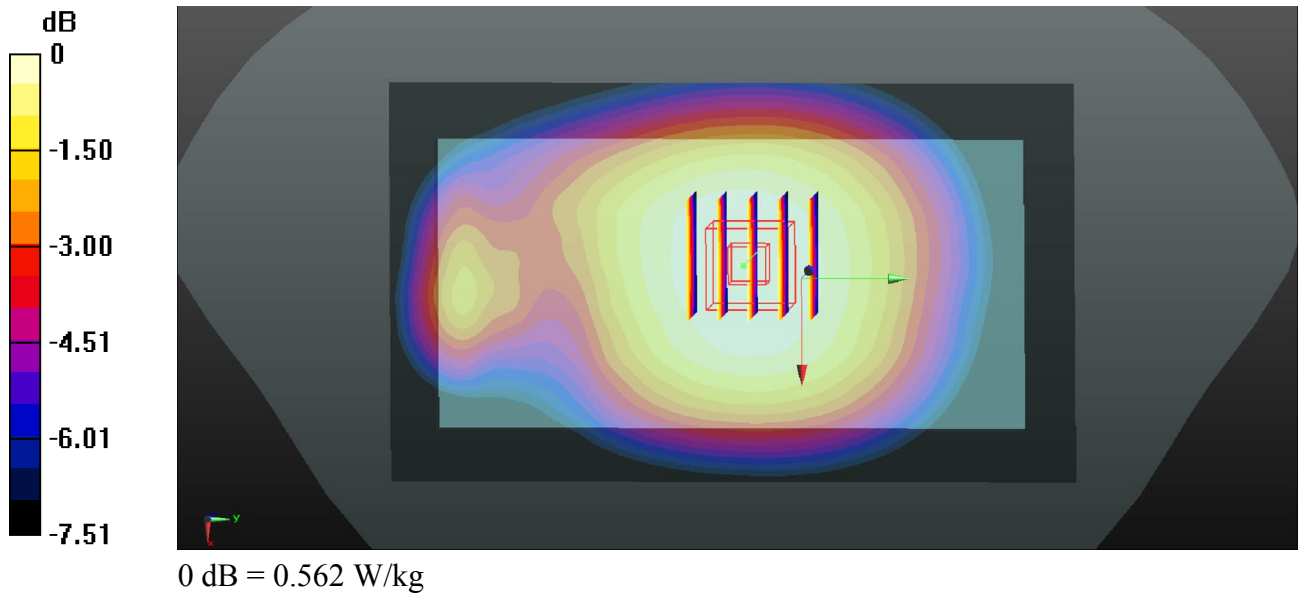
Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 1.026 \text{ S/m}$ ;  
 $\epsilon_r = 55.816$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch777/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.573 \text{ W/kg}$

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $21.39 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.616 \text{ W/kg}$   
**SAR(1 g) =  $0.464 \text{ W/kg}$ ; SAR(10 g) =  $0.358 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.562 \text{ W/kg}$



**39\_CDMA2000 BC10\_RC3 SO32 (F+SCH)\_Back\_15mm\_Ch476**

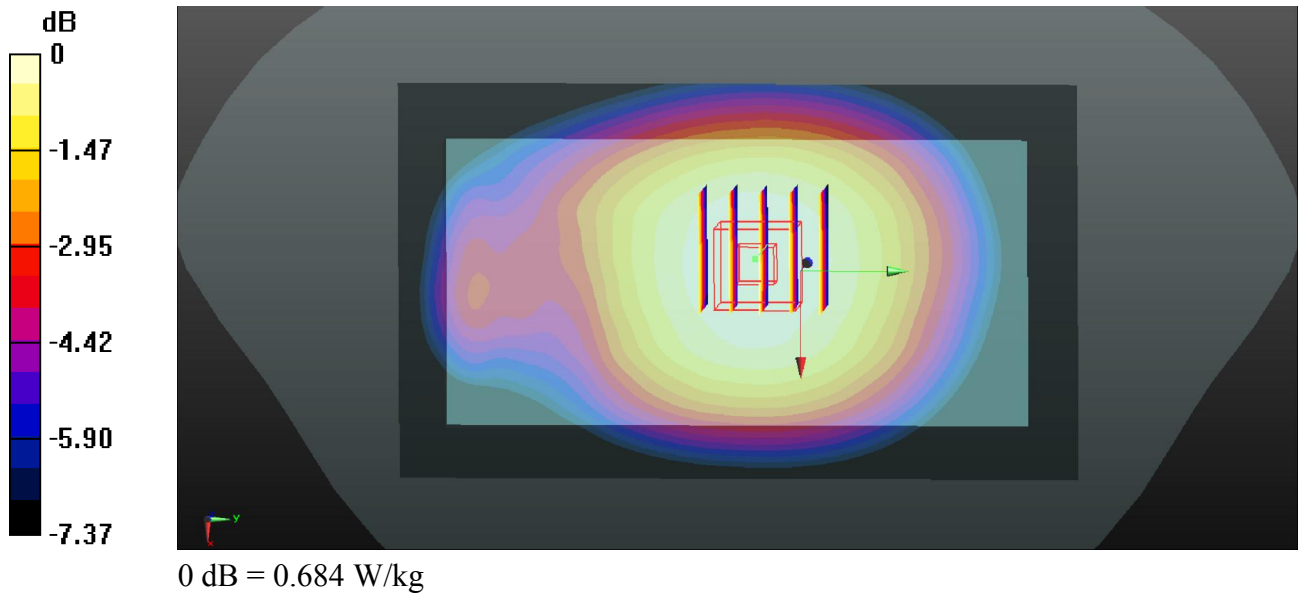
Communication System: UID 0, CDMA2000 (0); Frequency: 817.9 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 817.9 \text{ MHz}$ ;  $\sigma = 0.997 \text{ S/m}$ ;  
 $\epsilon_r = 56.118$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch476/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.689 \text{ W/kg}$

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $23.95 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.748 \text{ W/kg}$   
**SAR(1 g) =  $0.572 \text{ W/kg}$ ; SAR(10 g) =  $0.444 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.684 \text{ W/kg}$



### 40\_CDMA2000 BC1\_RC3 SO32 (F+SCH)\_Back\_15mm\_Ch600

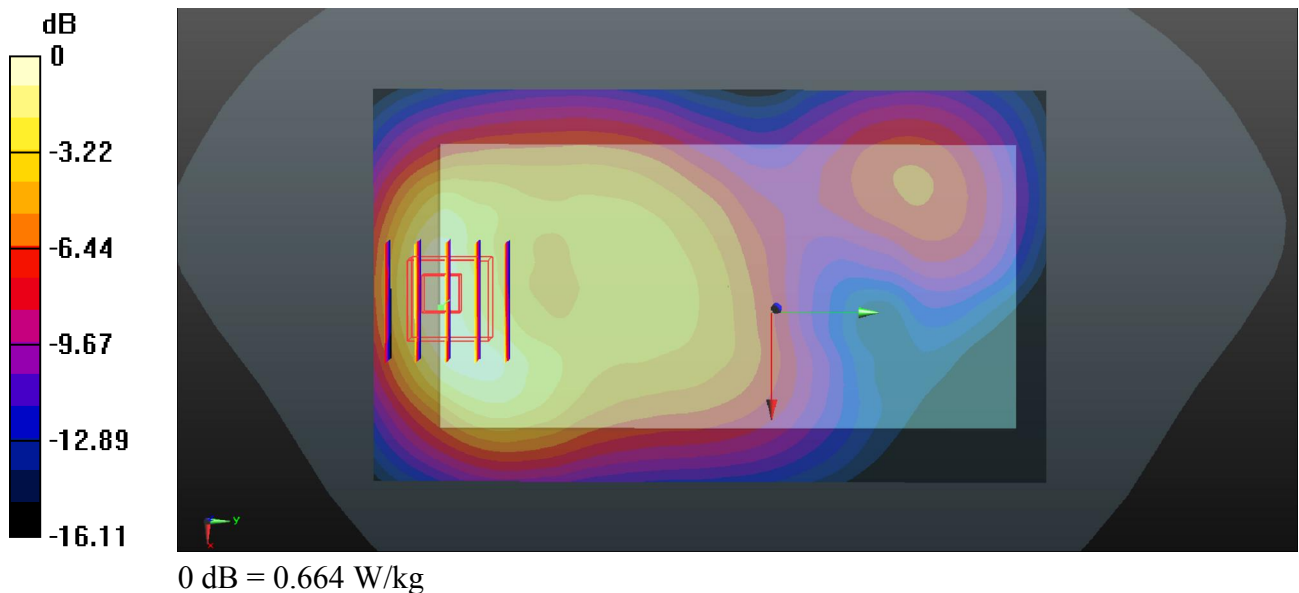
Communication System: UID 0, CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.524$  S/m;  
 $\epsilon_r = 52.666$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 0.669 W/kg

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.06 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.758 W/kg  
**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.268 W/kg**  
Maximum value of SAR (measured) = 0.664 W/kg



**41\_LTE Band 12\_10M\_QPSK\_1RB\_25offset\_Back\_15mm\_Ch23095**

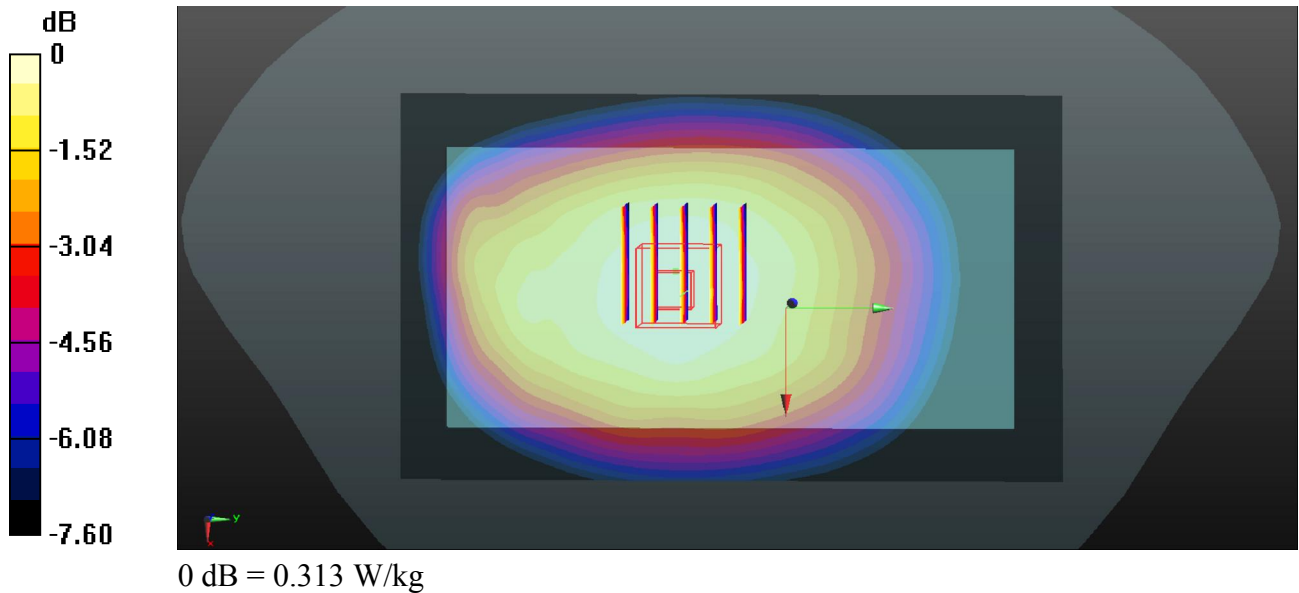
Communication System: UID 0, FDD-LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
 Medium: MSL\_750\_2017/07/27 Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.925 \text{ S/m}$ ;  
 $\epsilon_r = 55.487$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.315 \text{ W/kg}$

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $16.87 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.337 \text{ W/kg}$   
**SAR(1 g) =  $0.265 \text{ W/kg}$ ; SAR(10 g) =  $0.207 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.313 \text{ W/kg}$





### 42\_LTE Band 13\_10M\_QPSK\_1RB\_25offset\_Back\_15mm\_Ch23230

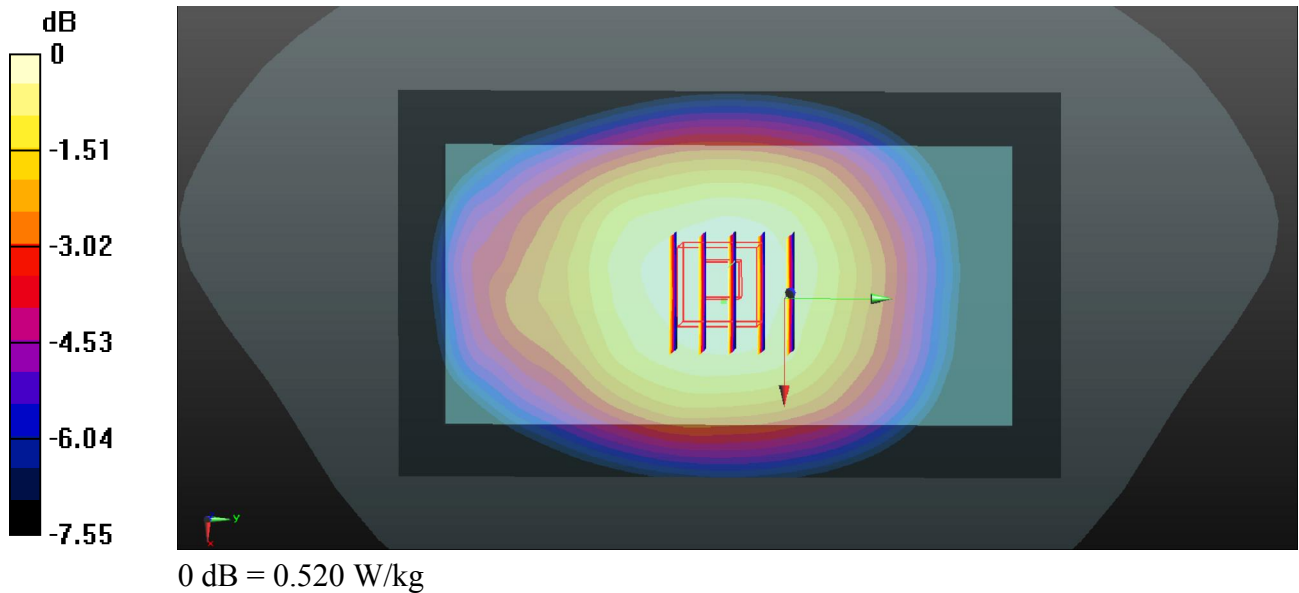
Communication System: UID 0, FDD-LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_2017/07/27 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  
 $\epsilon_r = 54.695$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) =  $0.528 \text{ W/kg}$

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $20.78 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$   
Peak SAR (extrapolated) =  $0.560 \text{ W/kg}$   
**SAR(1 g) =  $0.433 \text{ W/kg}$ ; SAR(10 g) =  $0.333 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.520 \text{ W/kg}$



**43\_LTE Band 26\_15M\_QPSK\_1RB\_37offset\_Back\_15mm\_Ch26865**

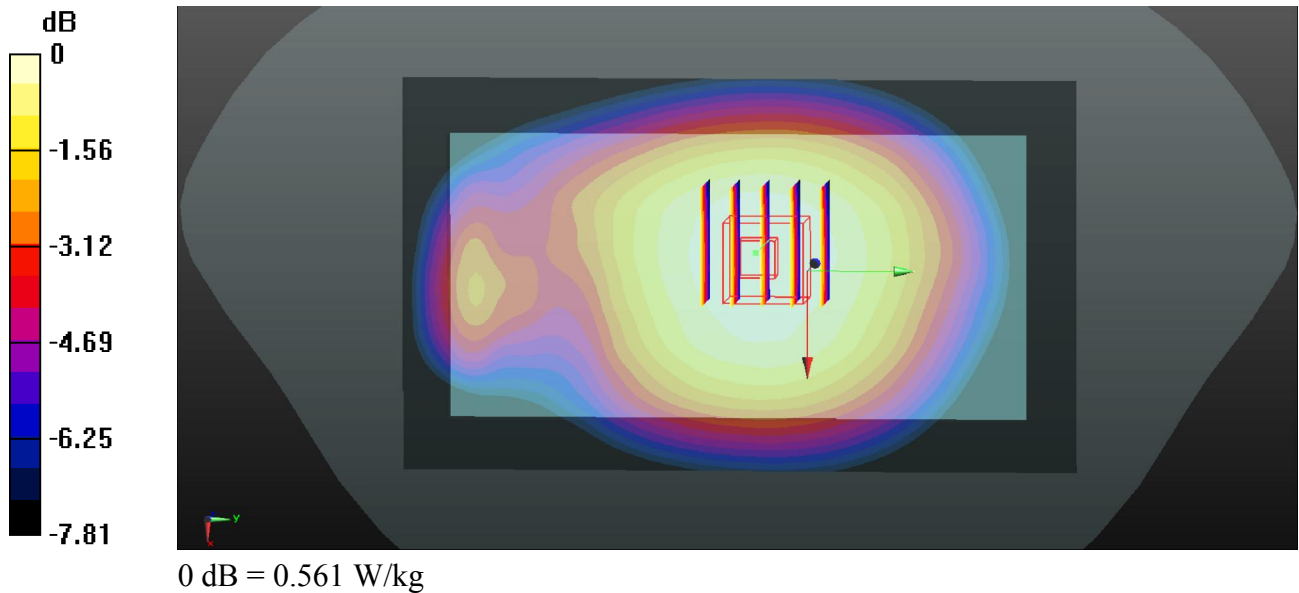
Communication System: UID 0, FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium: MSL\_835\_2017/07/23 Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 1.01 \text{ S/m}$ ;  
 $\epsilon_r = 55.976$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.48, 10.48, 10.48); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.559 \text{ W/kg}$

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $21.47 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.613 \text{ W/kg}$   
**SAR(1 g) =  $0.465 \text{ W/kg}$ ; SAR(10 g) =  $0.361 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.561 \text{ W/kg}$



**44\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Back\_15mm\_Ch20175**

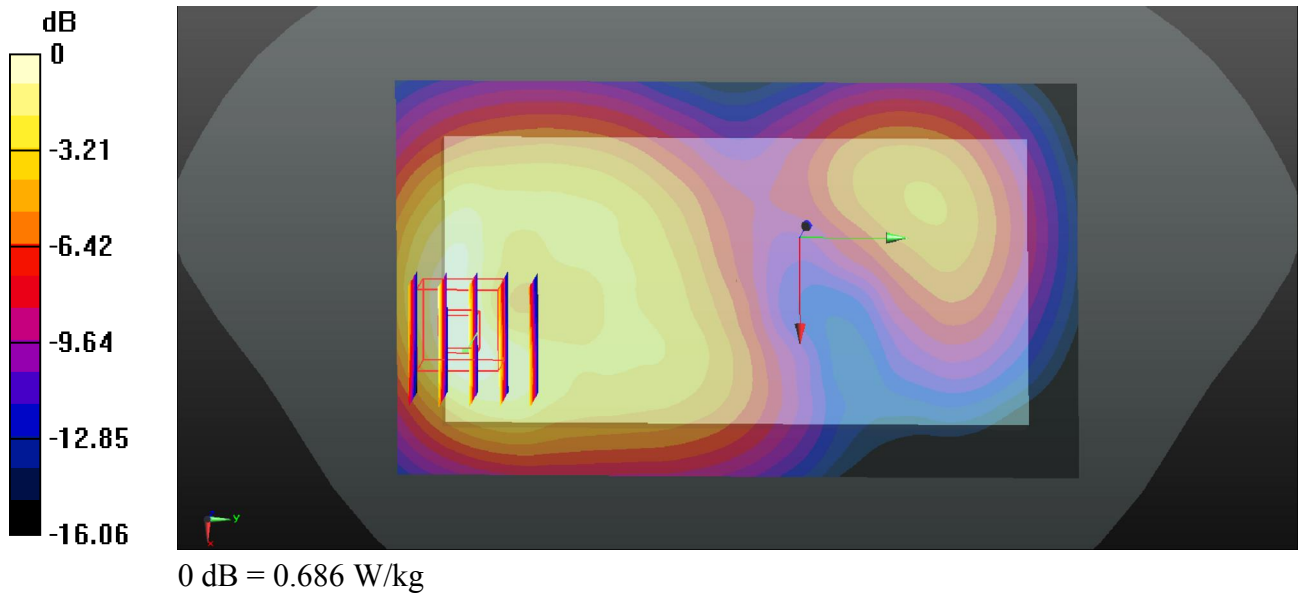
Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_2017/07/22 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.496 \text{ S/m}$ ;  
 $\epsilon_r = 53.752$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.676 \text{ W/kg}$

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $8.265 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.801 \text{ W/kg}$   
**SAR(1 g) =  $0.470 \text{ W/kg}$ ; SAR(10 g) =  $0.272 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.686 \text{ W/kg}$



**45\_LTE Band 25\_20M\_QPSK\_1RB\_49offset\_Back\_15mm\_Ch26590**

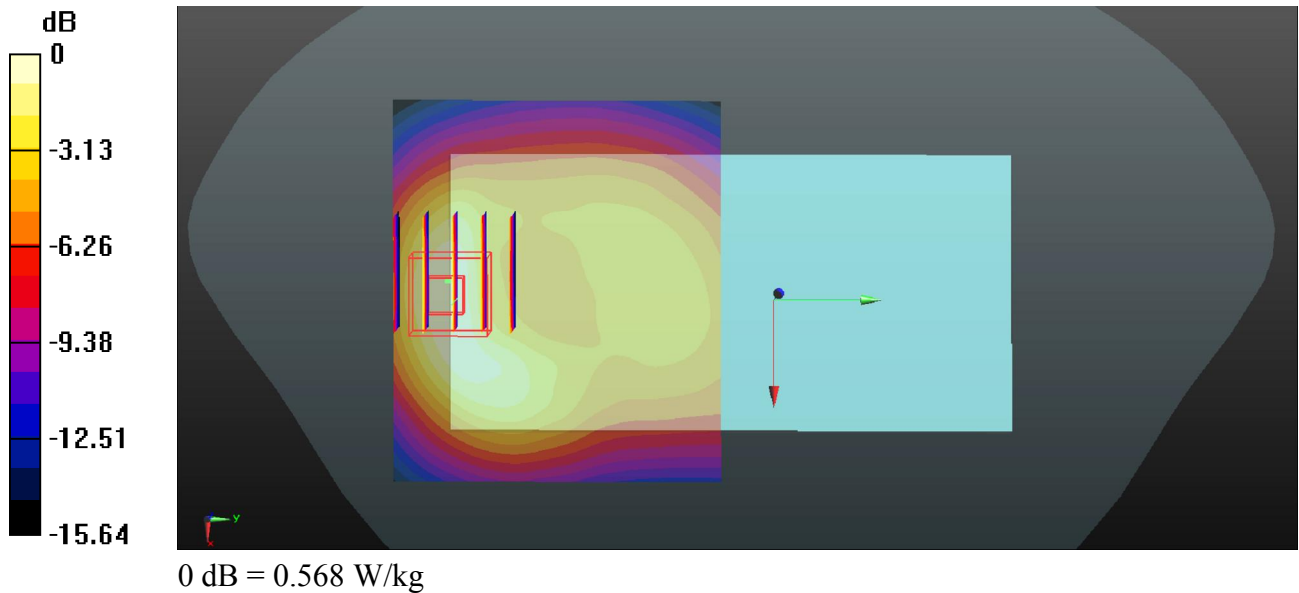
Communication System: UID 0, FDD-LTE (0); Frequency: 1905 MHz;Duty Cycle: 1:1  
 Medium: MSL\_1900\_2017/07/25 Medium parameters used:  $f = 1905 \text{ MHz}$ ;  $\sigma = 1.54 \text{ S/m}$ ;  
 $\epsilon_r = 52.453$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.18, 8.18, 8.18); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26590/Area Scan (71x61x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.564 \text{ W/kg}$

**Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $9.353 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.651 \text{ W/kg}$   
**SAR(1 g) =  $0.398 \text{ W/kg}$ ; SAR(10 g) =  $0.226 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.568 \text{ W/kg}$



**46\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Back\_15mm\_Ch21350**

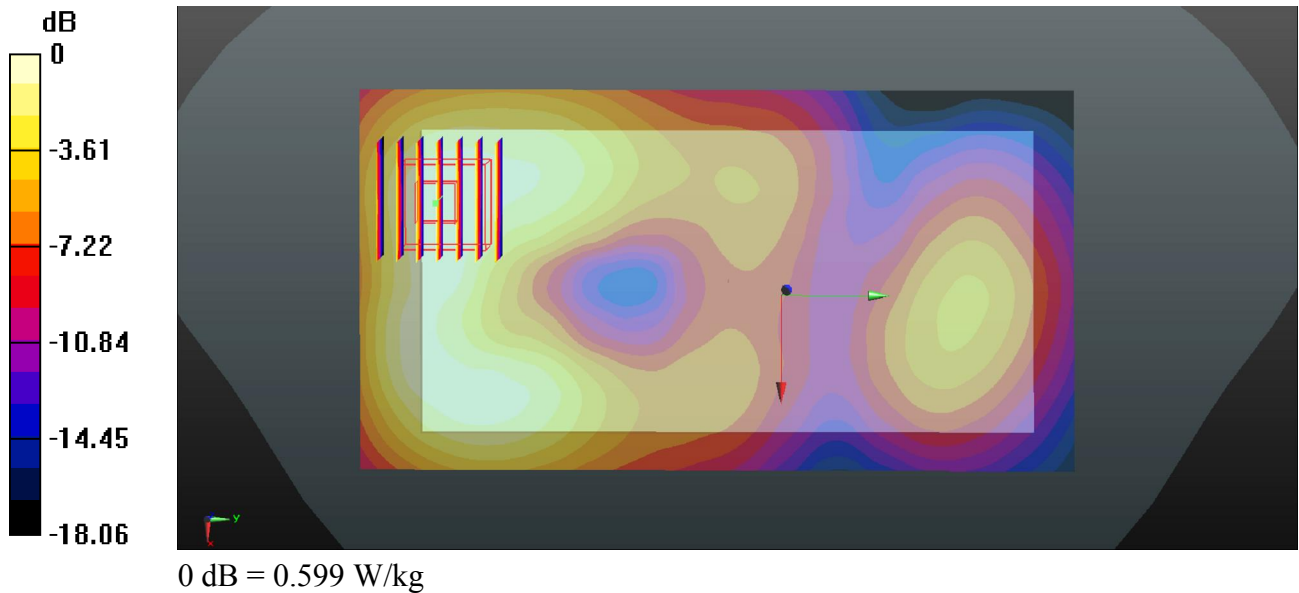
Communication System: UID 0, FDD-LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1  
 Medium: MSL\_2600\_2017/07/28 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.094$  S/m;  
 $\epsilon_r = 51.122$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21350/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.590 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 6.031 V/m; Power Drift = 0.06 dB  
 Peak SAR (extrapolated) = 0.720 W/kg  
**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.225 W/kg**  
 Maximum value of SAR (measured) = 0.599 W/kg



**47\_LTE Band 41\_20M\_QPSK\_1RB\_0offset\_Back\_15mm\_Ch41490\_Power Class 2**

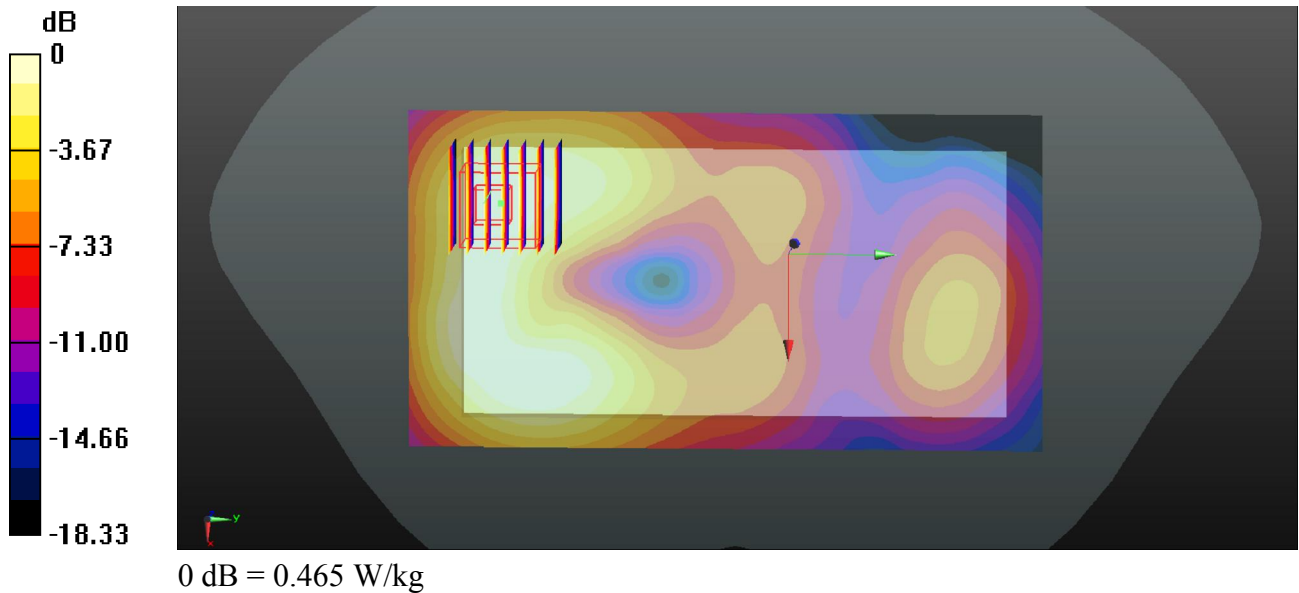
Communication System: UID 0, TDD-LTE (0); Frequency: 2680 MHz; Duty Cycle: 1:2.33  
Medium: MSL\_2600\_2017/07/28 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.263$  S/m;  
 $\epsilon_r = 50.716$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41490/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.486 W/kg

**Ch41490/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.487 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.570 W/kg  
**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.166 W/kg**  
Maximum value of SAR (measured) = 0.465 W/kg



### 48\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch6

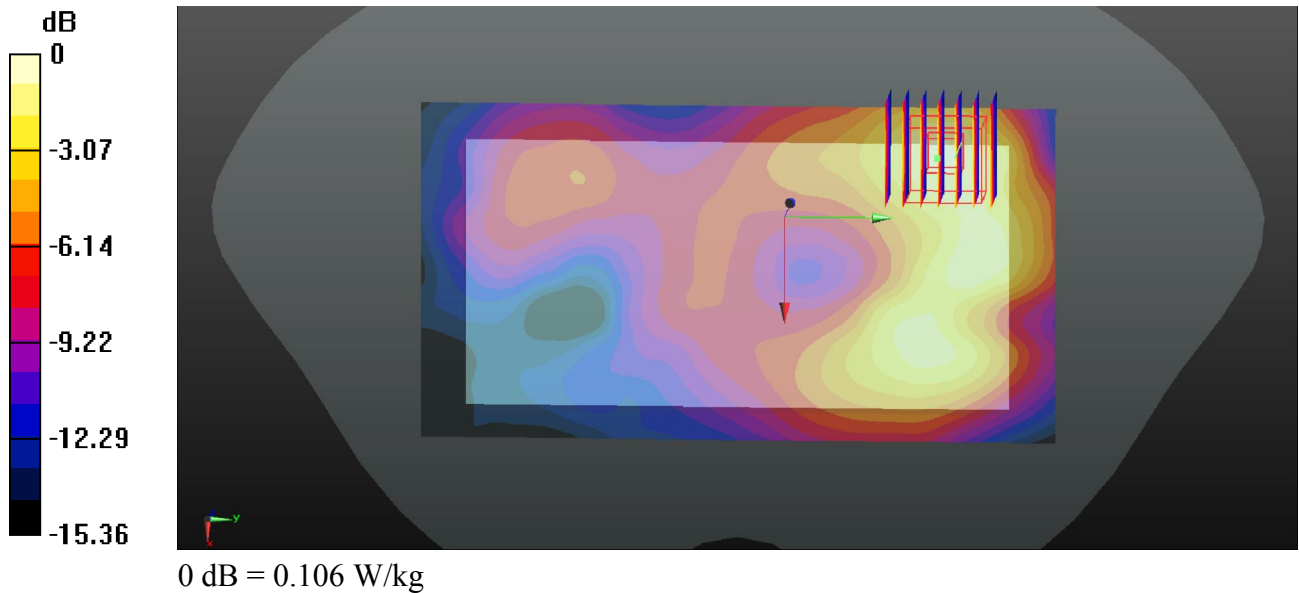
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.021  
Medium: MSL\_2450\_2017/08/14 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.967$  S/m;  
 $\epsilon_r = 51.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.89, 7.89, 7.89); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 0.0915 W/kg

**Ch6/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.773 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.129 W/kg  
**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg**  
Maximum value of SAR (measured) = 0.106 W/kg



**49\_WCDMA Band IV\_RMC 12.2Kbps\_Back\_0mm\_Ch1513**

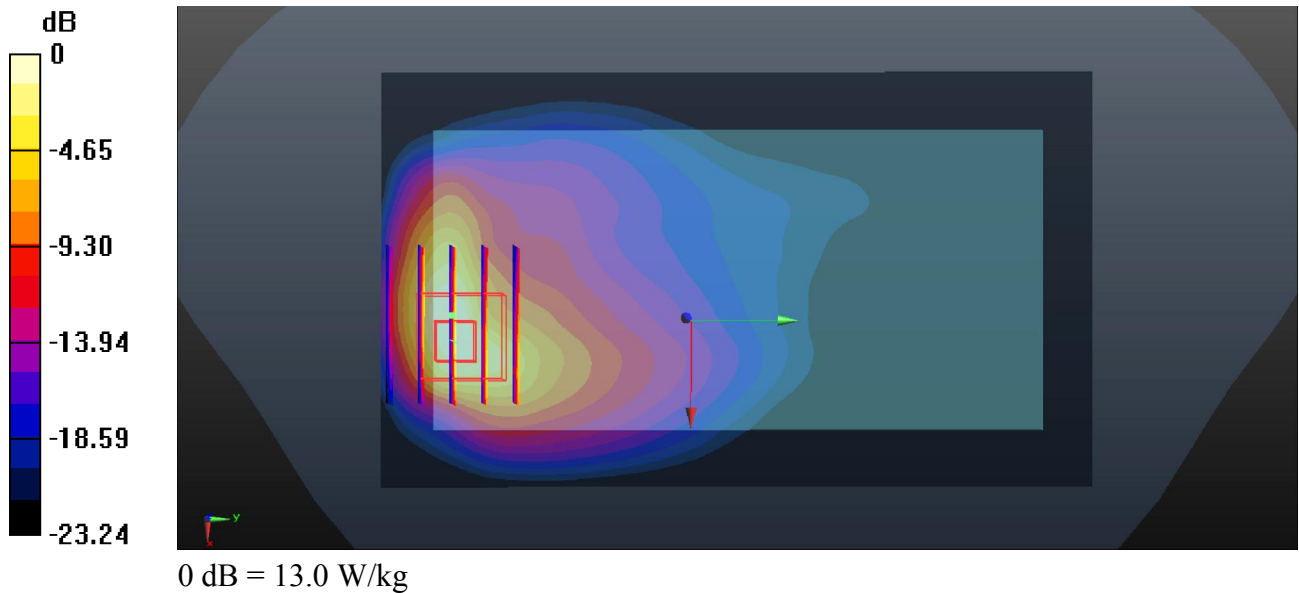
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_2017/07/22 Medium parameters used:  $f = 1752.6 \text{ MHz}$ ;  $\sigma = 1.518 \text{ S/m}$ ;  
 $\epsilon_r = 53.684$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $14.1 \text{ W/kg}$

**Ch1513/Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $9.700 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$   
 Peak SAR (extrapolated) =  $16.8 \text{ W/kg}$   
**SAR(1 g) =  $6.53 \text{ W/kg}$ ; SAR(10 g) =  $2.8 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $13.0 \text{ W/kg}$





**50\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Back\_0mm\_Ch20175**

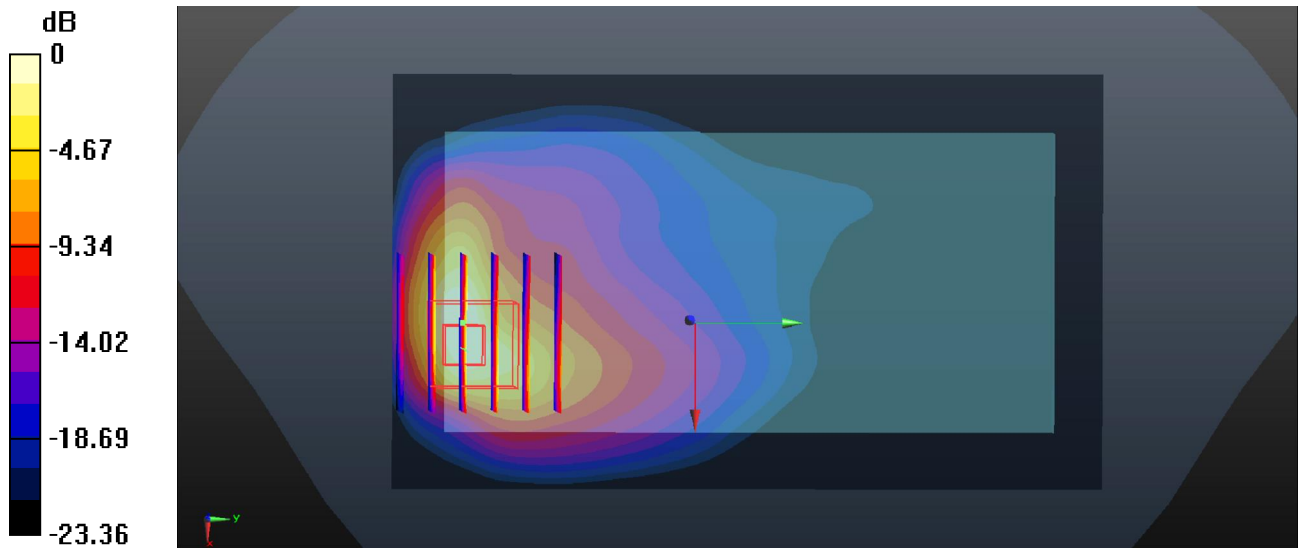
Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_2017/07/22 Medium parameters used:  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.496 \text{ S/m}$ ;  
 $\epsilon_r = 53.752$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.46, 8.46, 8.46); Calibrated: 2016/11/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2016/9/5
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $14.3 \text{ W/kg}$

**Ch20175/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $9.239 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
 Peak SAR (extrapolated) =  $16.6 \text{ W/kg}$   
**SAR(1 g) =  $6.47 \text{ W/kg}$ ; SAR(10 g) =  $2.79 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $13.1 \text{ W/kg}$



0 dB =  $13.1 \text{ W/kg}$



## **Appendix C. DASYS Calibration Certificate**

The DASYS calibration certificates are shown as follows.