



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

The plots are shown as follows.

**#01\_GSM850\_GPRS (3 Tx slots)\_Right Cheek\_0mm\_Ch251**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77

Medium: HSL\_835\_2016/03/24 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 40.705$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.75, 9.75, 9.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- 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=15mm, dy=15mm

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

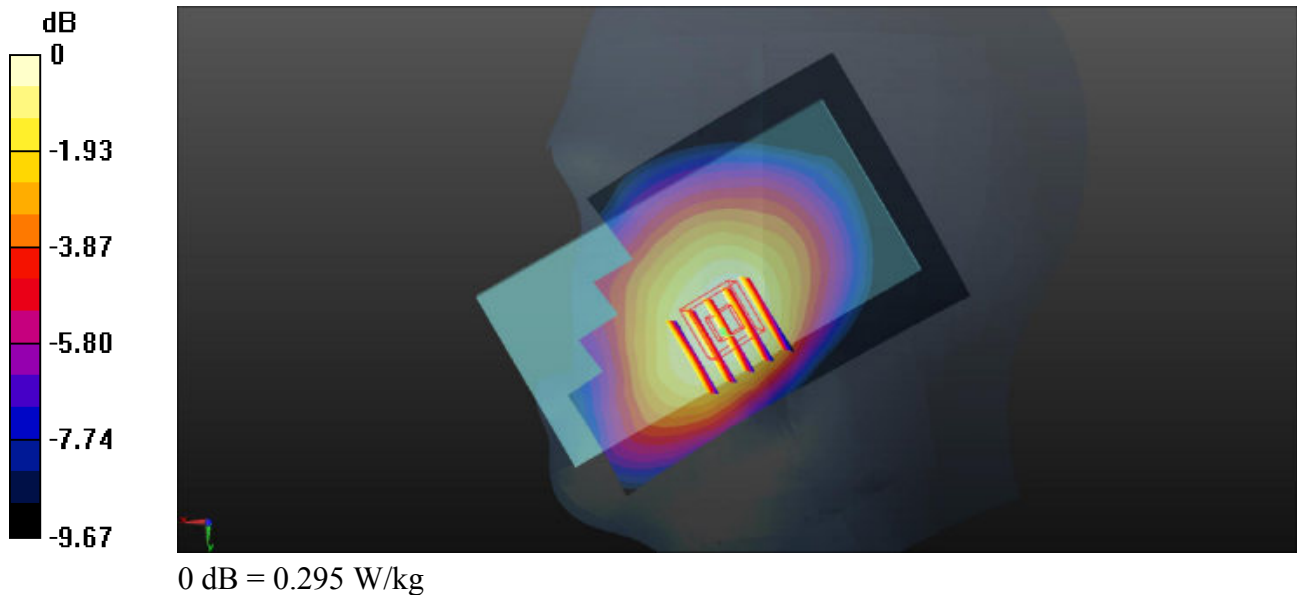
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.055 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.295 W/kg



**#02\_GSM1900\_GPRS (3 Tx slots)\_Right Cheek\_0mm\_Ch661**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_2016/03/25 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 0.123 W/kg

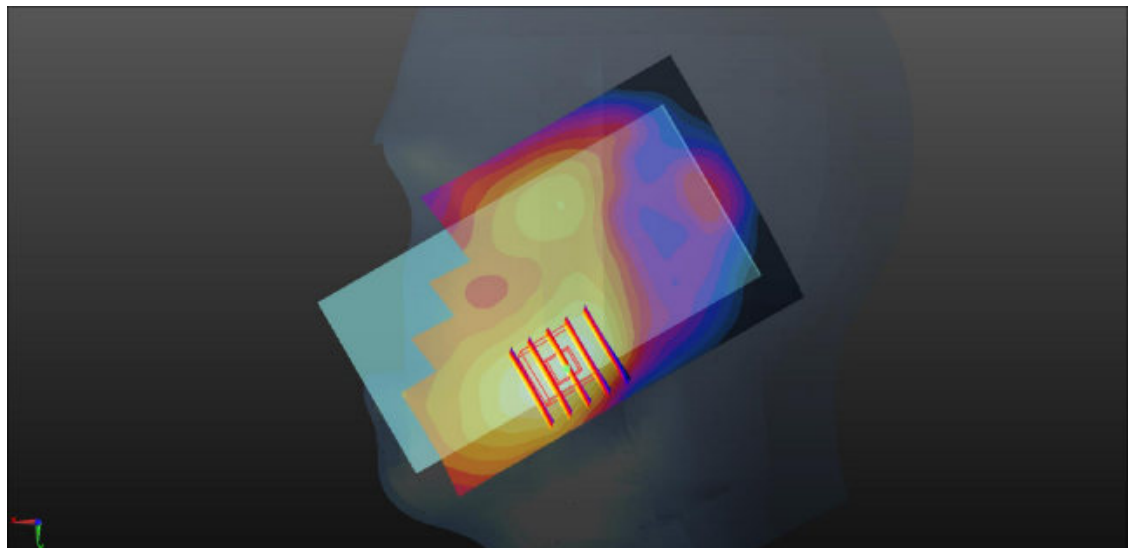
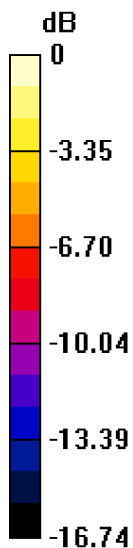
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.442 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg

**#03\_WCDMA Band V\_RMC 12.2Kbps\_Right Cheek\_0mm\_Ch4233**

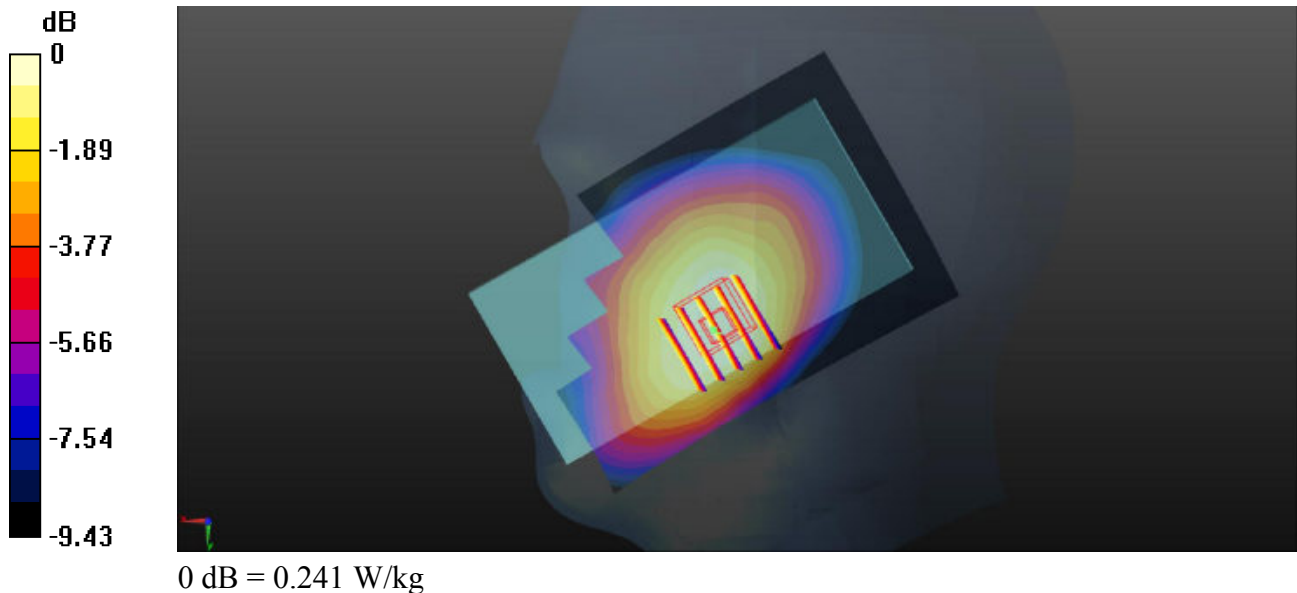
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_2016/03/24 Medium parameters used :  $f = 846.6$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 40.736$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.75, 9.75, 9.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- 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=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.252 W/kg

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.438 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.264 W/kg  
**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.167 W/kg**  
Maximum value of SAR (measured) = 0.241 W/kg



**#04\_WCDMA Band II\_RMC 12.2Kbps\_Right Cheek\_0mm\_Ch9538**

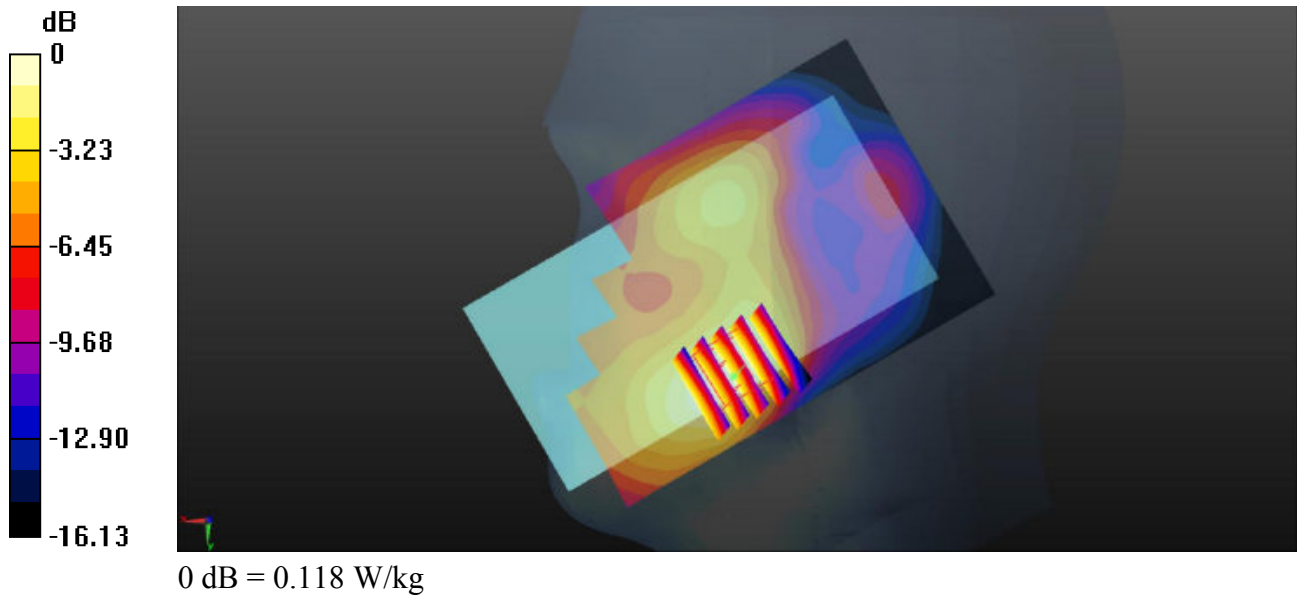
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_2016/03/25 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.456$  S/m;  $\epsilon_r = 39.076$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- 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) = 0.121 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.392 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.140 W/kg  
**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.058 W/kg**  
Maximum value of SAR (measured) = 0.118 W/kg



**#05\_LTE Band 5\_10M\_QPSK\_1RB\_25offset\_Right Cheek\_0mm\_Ch20525**

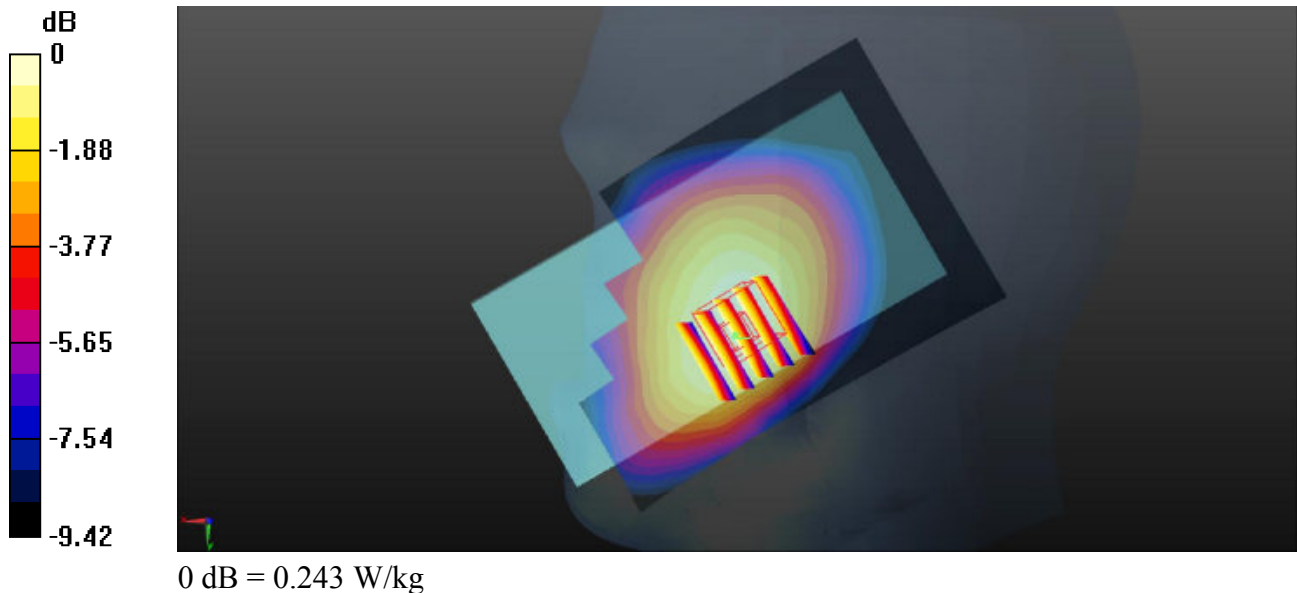
Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_2016/03/24 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 40.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.75, 9.75, 9.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/Area Scan (71x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.250 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 5.006 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.262 W/kg  
**SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.170 W/kg**  
Maximum value of SAR (measured) = 0.243 W/kg



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

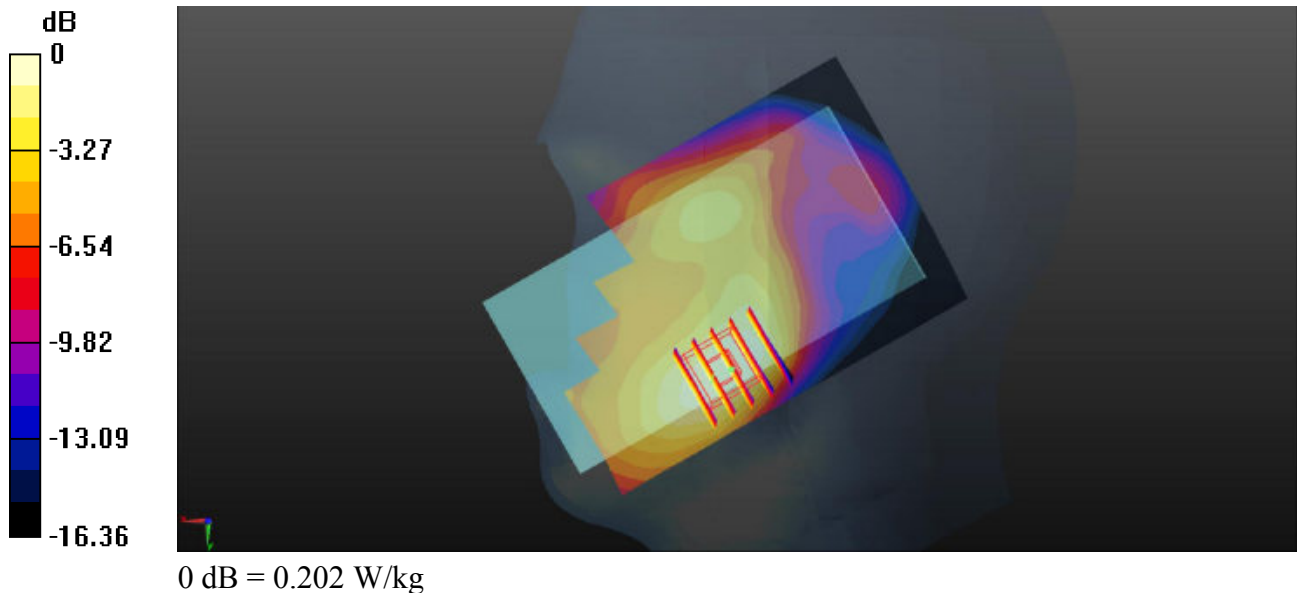
Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_2016/03/25 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.386$  S/m;  $\epsilon_r = 41.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.41, 8.41, 8.41); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 0.208 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.534 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.238 W/kg  
**SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.106 W/kg**  
Maximum value of SAR (measured) = 0.202 W/kg



**#07\_LTE Band 2\_20M\_QPSK\_1RB\_49offset\_Left Cheek\_0mm\_Ch18700**

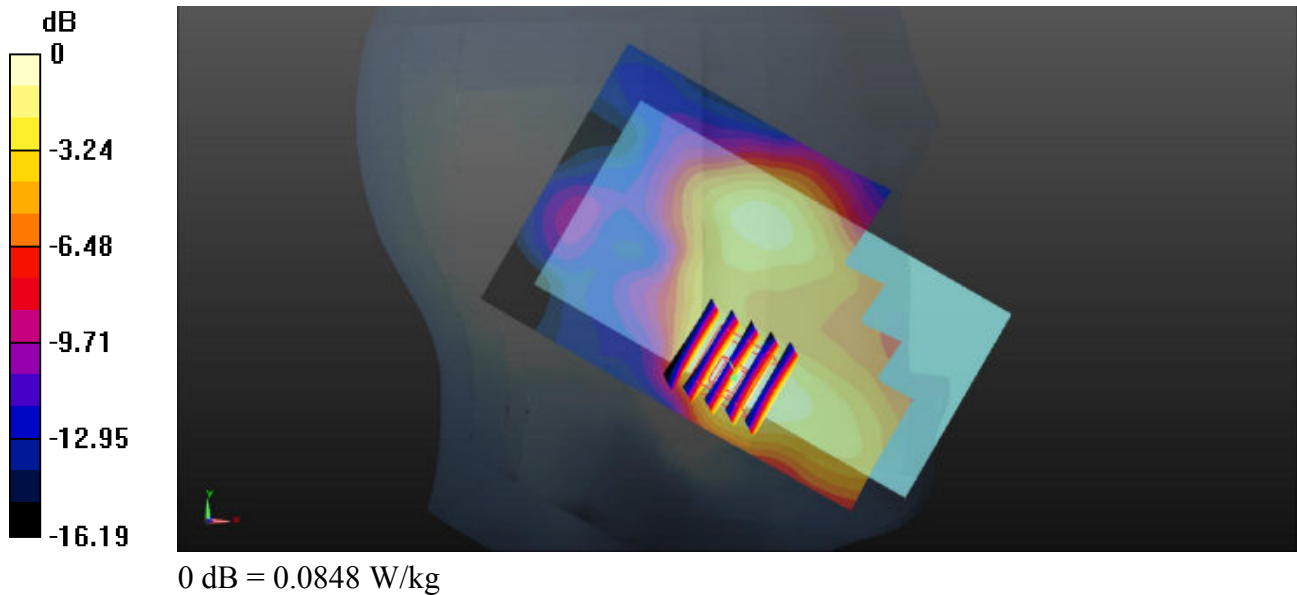
Communication System: UID 0, FDD-LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_2016/03/25 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 39.251$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.12, 8.12, 8.12); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18700/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.0951 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.715 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.119 W/kg  
**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg**  
Maximum value of SAR (measured) = 0.0848 W/kg





**#08\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Left Cheek\_0mm\_Ch21100**

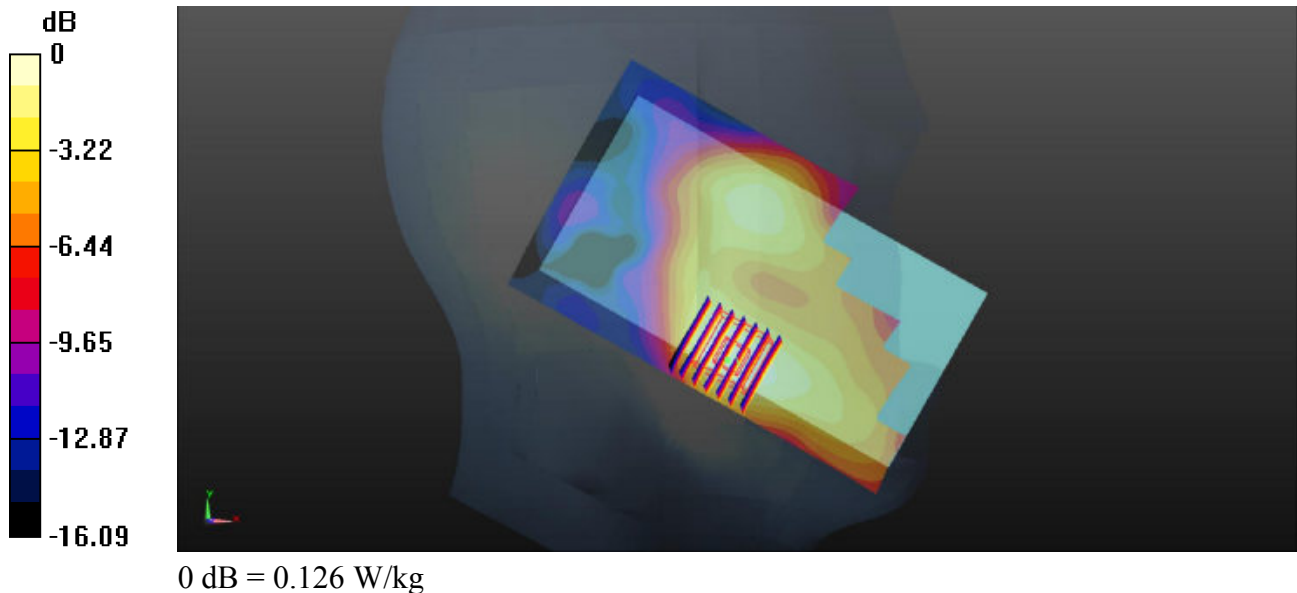
Communication System: UID 0, FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_2016/03/24 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.978$  S/m;  $\epsilon_r = 38.292$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.18, 7.18, 7.18); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21100/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.136 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 1.805 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.162 W/kg  
**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.052 W/kg**  
Maximum value of SAR (measured) = 0.126 W/kg



**#09\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_0mm\_Ch6**

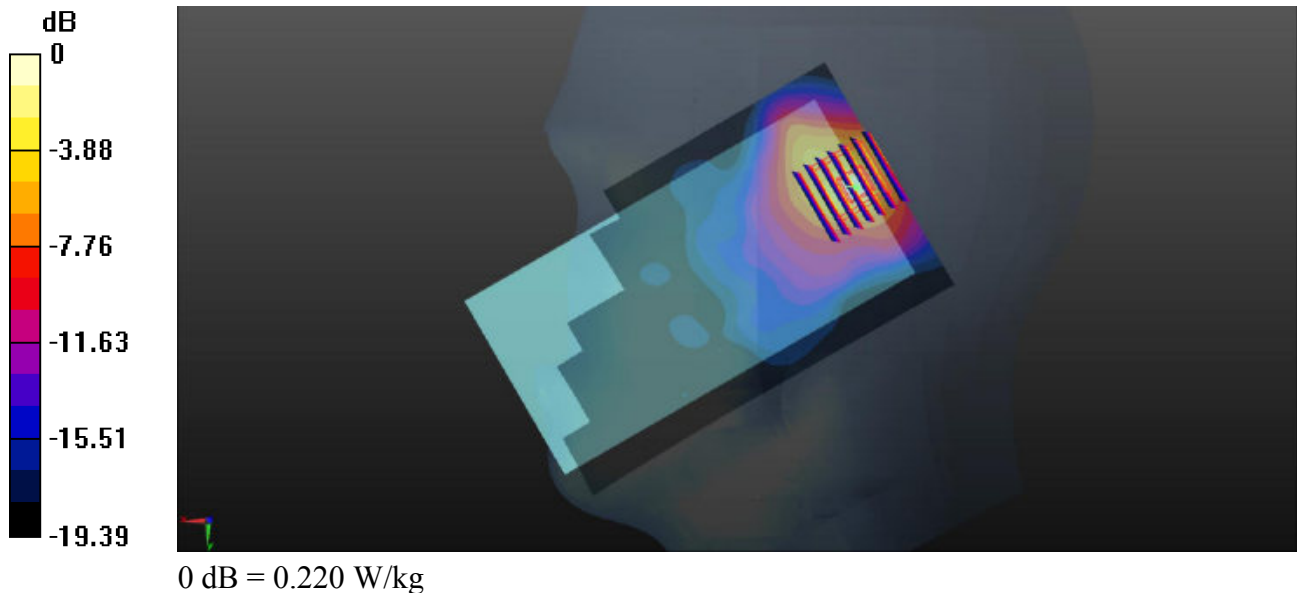
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.024  
Medium: HSL\_2450\_2016/03/28 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.867$  S/m;  $\epsilon_r = 37.711$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.31, 7.31, 7.31); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.212 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 8.480 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.349 W/kg  
**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.048 W/kg**  
Maximum value of SAR (measured) = 0.220 W/kg



**#10\_WLAN5GHz\_5.3G 802.11a 6Mbps\_Left Cheek\_0mm\_Ch64**

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.147

Medium: HSL\_5000\_160407 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.938$  S/m;  $\epsilon_r = 35.241$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.97, 4.97, 4.97); Calibrated: 2015.5.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2015.5.21
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch64/Area Scan (91x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

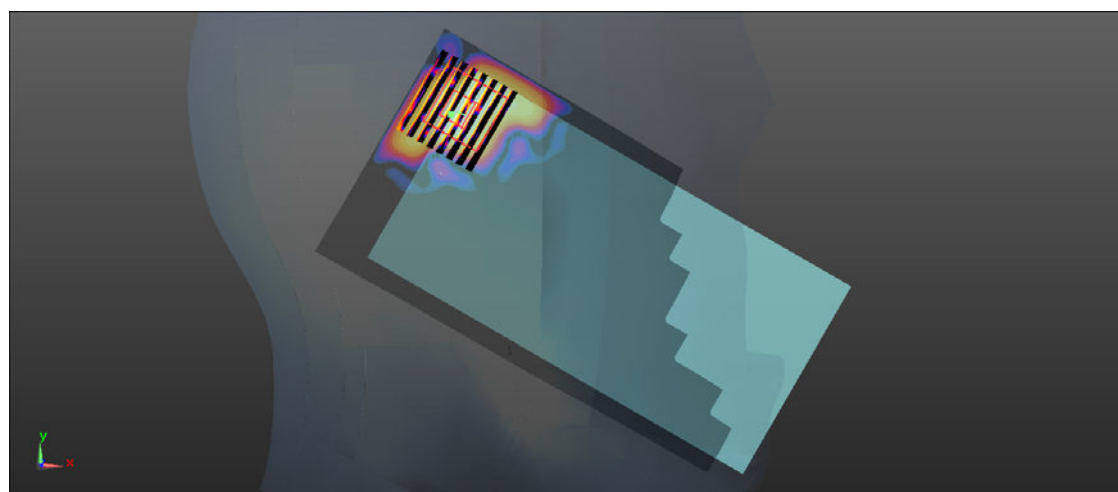
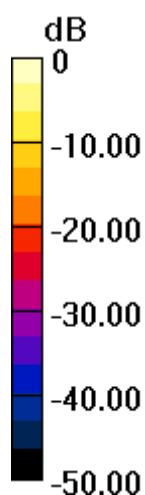
**Ch64/Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.122 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.499 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg

**#11\_WLAN5GHz\_5.5G 802.11a 6Mbps\_Right Cheek\_0mm\_Ch140**

Communication System: UID 0, WIFI (0); Frequency: 5700 MHz; Duty Cycle: 1:1.147

Medium: HSL\_5000\_160407 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.332$  S/m;  $\epsilon_r = 34.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.76, 4.76, 4.76); Calibrated: 2015.5.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2015.5.21
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch140/Area Scan (91x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

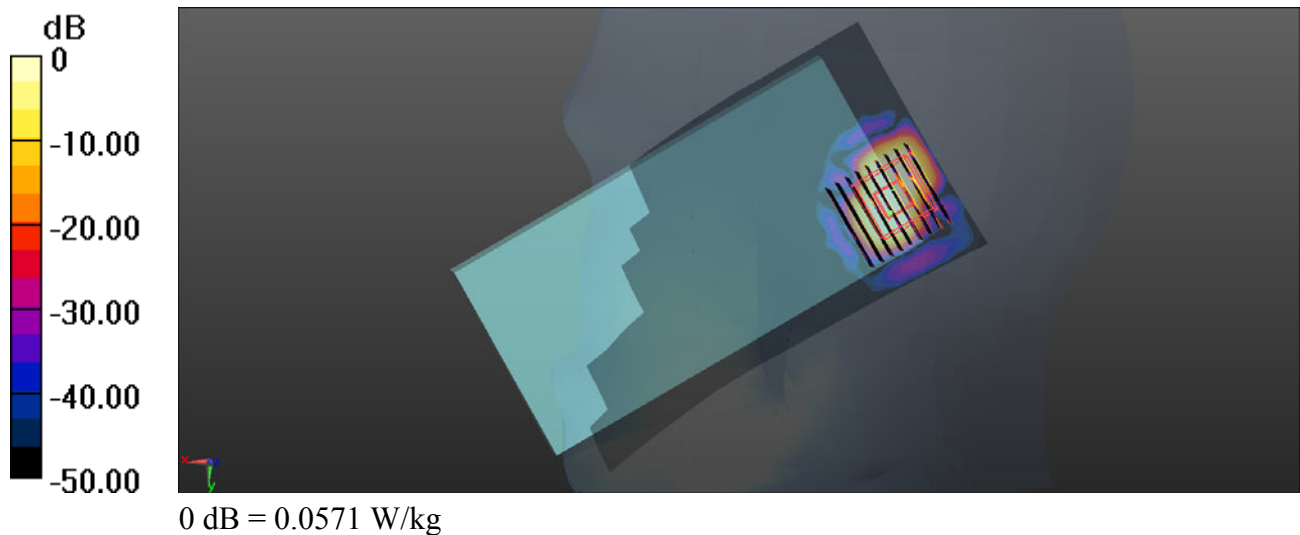
**Ch140/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.688 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00823 W/kg**

Maximum value of SAR (measured) = 0.0571 W/kg



**#12\_WLAN5GHz\_5.8G 802.11a 6Mbps\_Left Cheek\_0mm\_Ch149**

Communication System: UID 0, WIFI (0); Frequency: 5745 MHz; Duty Cycle: 1:1.147

Medium: HSL\_5000\_160407 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.383$  S/m;  $\epsilon_r = 34.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.76, 4.76, 4.76); Calibrated: 2015.5.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2015.5.21
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch149/Area Scan (91x171x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.177 W/kg

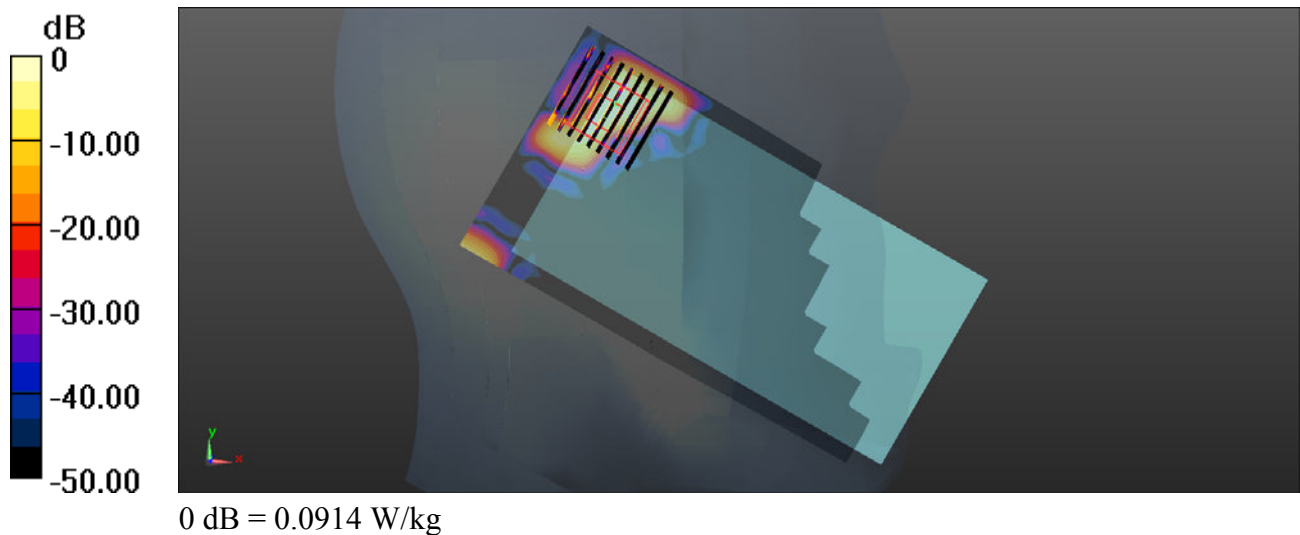
**Ch149/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.614 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0914 W/kg



**#13\_Bluetooth\_1Mbps\_Left Cheek\_0mm\_Ch39**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: HSL\_2450\_160408 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.771$  S/m;  $\epsilon_r = 40.695$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.32, 7.32, 7.32); Calibrated: 2015.11.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2015.7.16
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39/Area Scan (91x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0946 W/kg

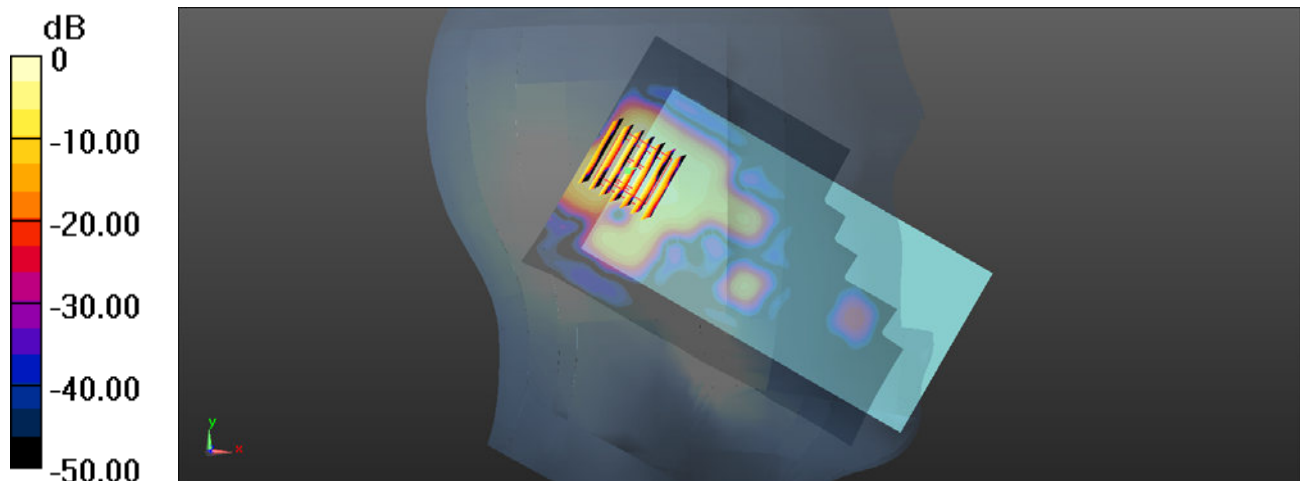
**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.623 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0760 W/kg



0 dB = 0.0760 W/kg = -11.19 dBW/kg

**#14\_GSM850\_GPRS (3 Tx slots)\_Back\_10mm\_Ch251**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_835\_2016/03/21 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 1.026$  S/m;  $\epsilon_r = 56.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- 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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.749 W/kg

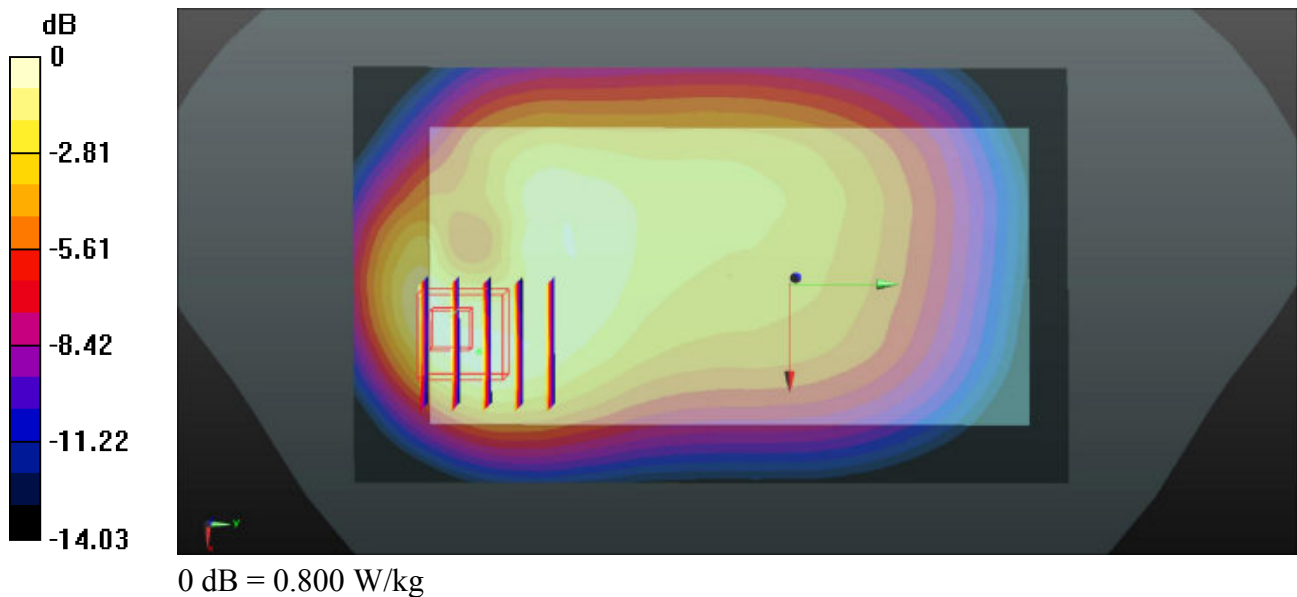
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.92 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.343 W/kg**

Maximum value of SAR (measured) = 0.800 W/kg



**#15\_GSM1900\_GPRS (3 Tx slots)\_Bottom side\_10mm\_Ch512**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.494$  S/m;  $\epsilon_r = 55.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

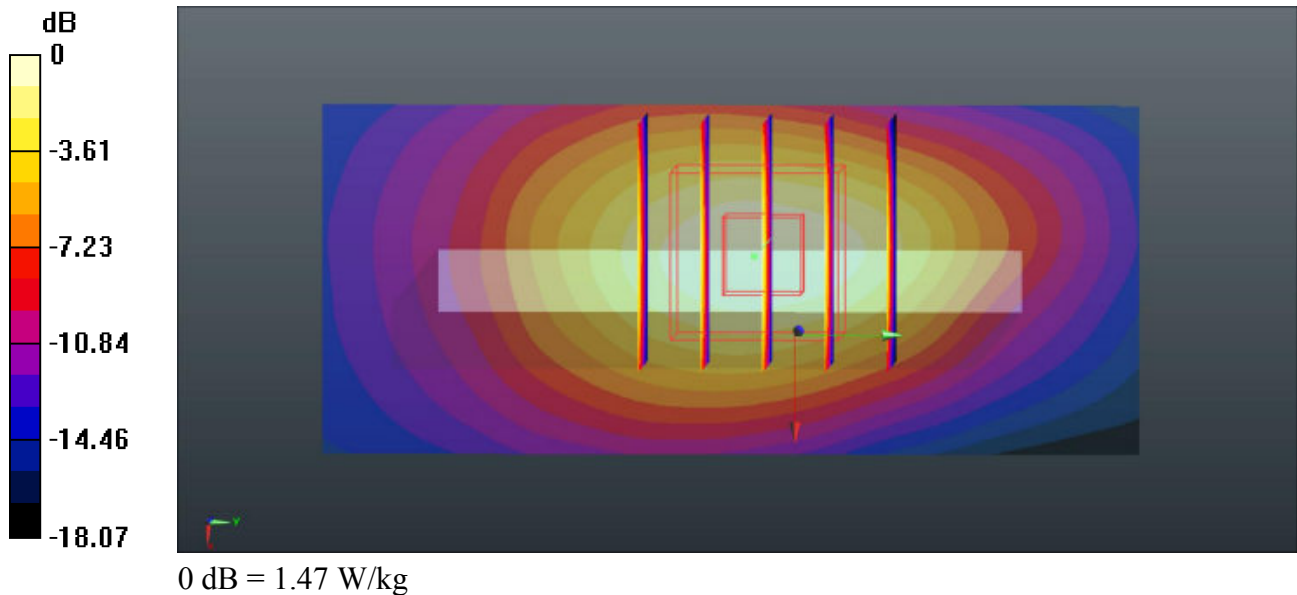
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.54 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.585 W/kg**

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





**#16\_WCDMA Band V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233**

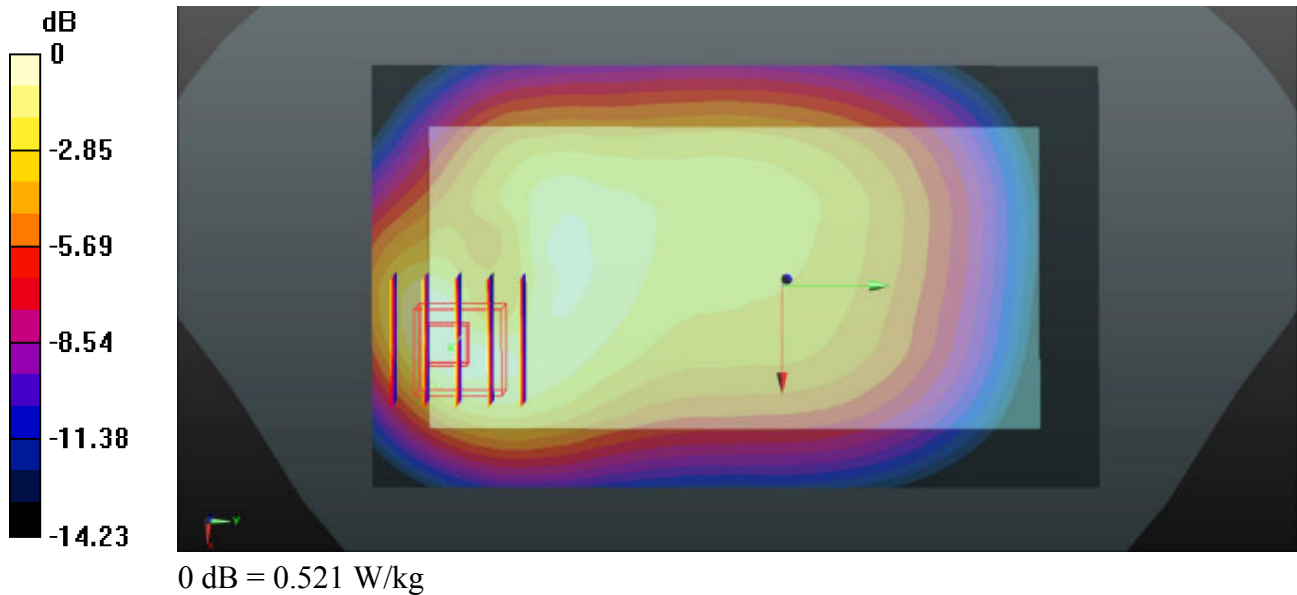
Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_2016/03/21 Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 1.024$  S/m;  $\epsilon_r = 56.127$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- 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=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.488 W/kg

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.06 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.647 W/kg  
**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.222 W/kg**  
Maximum value of SAR (measured) = 0.521 W/kg



**#17\_WCDMA Band II\_RMC 12.2Kbps\_Bottom side\_10mm\_Ch9262**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.496$  S/m;  $\epsilon_r = 55.471$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

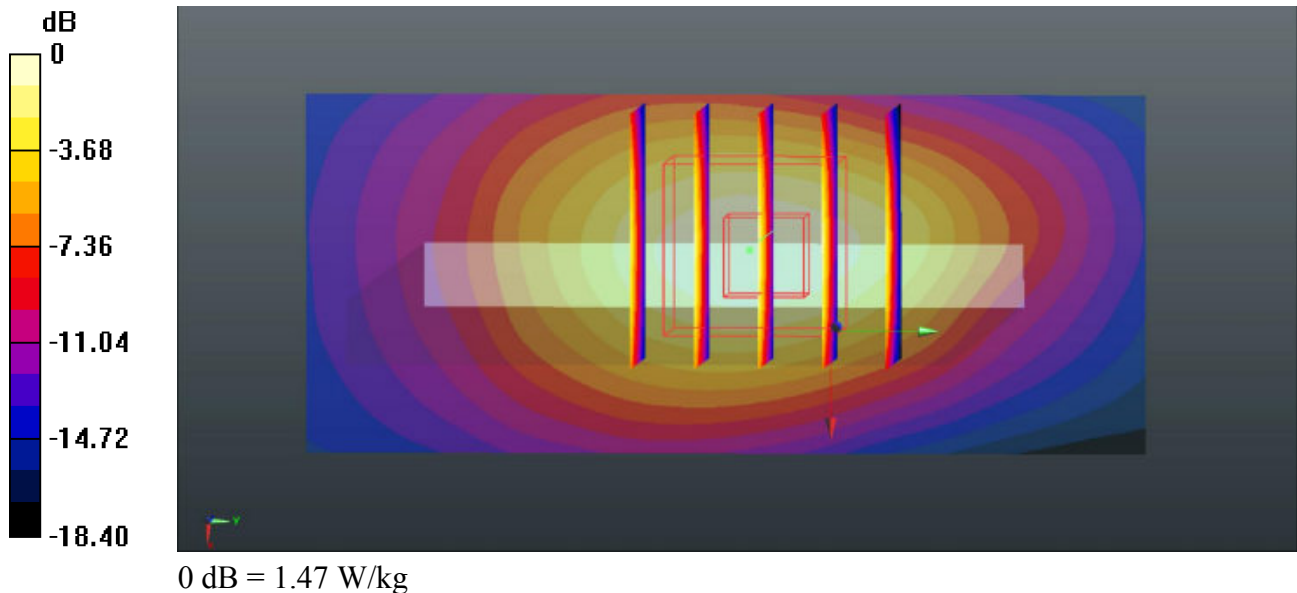
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.64 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.586 W/kg**

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



**#18\_LTE Band 5\_10M\_QPSK\_1RB\_25offset\_Back\_10mm\_Ch20525**

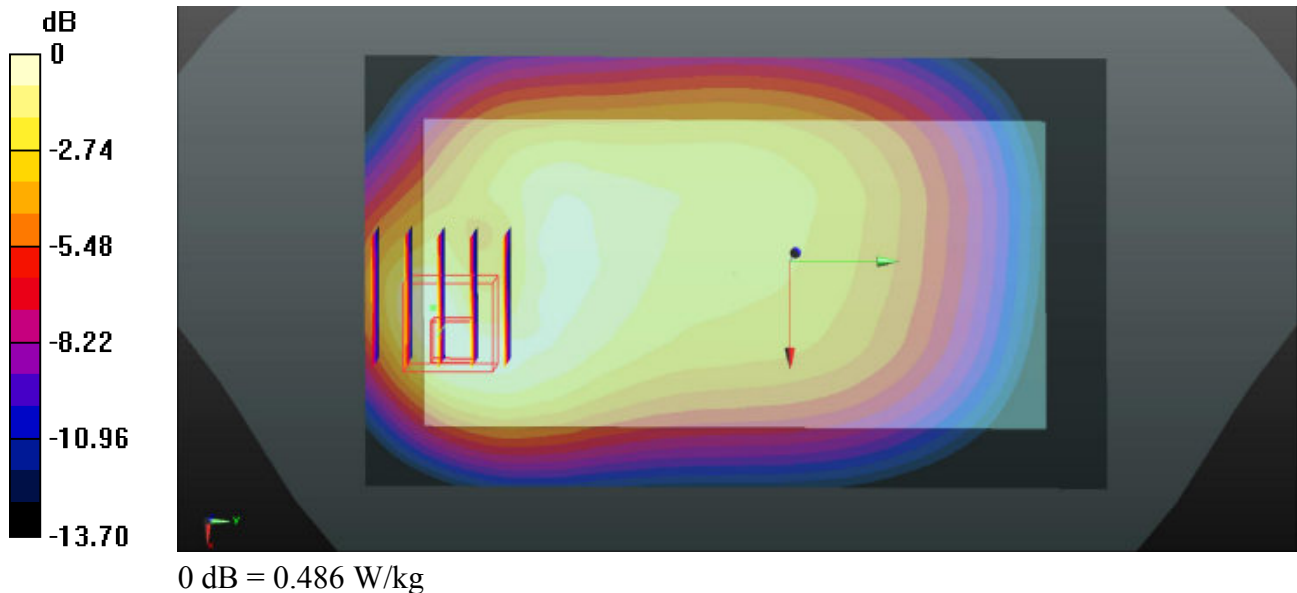
Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_2016/03/21 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 56.227$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.480 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.98 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.621 W/kg  
**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.207 W/kg**  
Maximum value of SAR (measured) = 0.486 W/kg



**#19\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Bottom side\_10mm\_Ch20175**

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_2016/03/23 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.475$  S/m;  $\epsilon_r = 53.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.01, 8.01, 8.01); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.87 W/kg

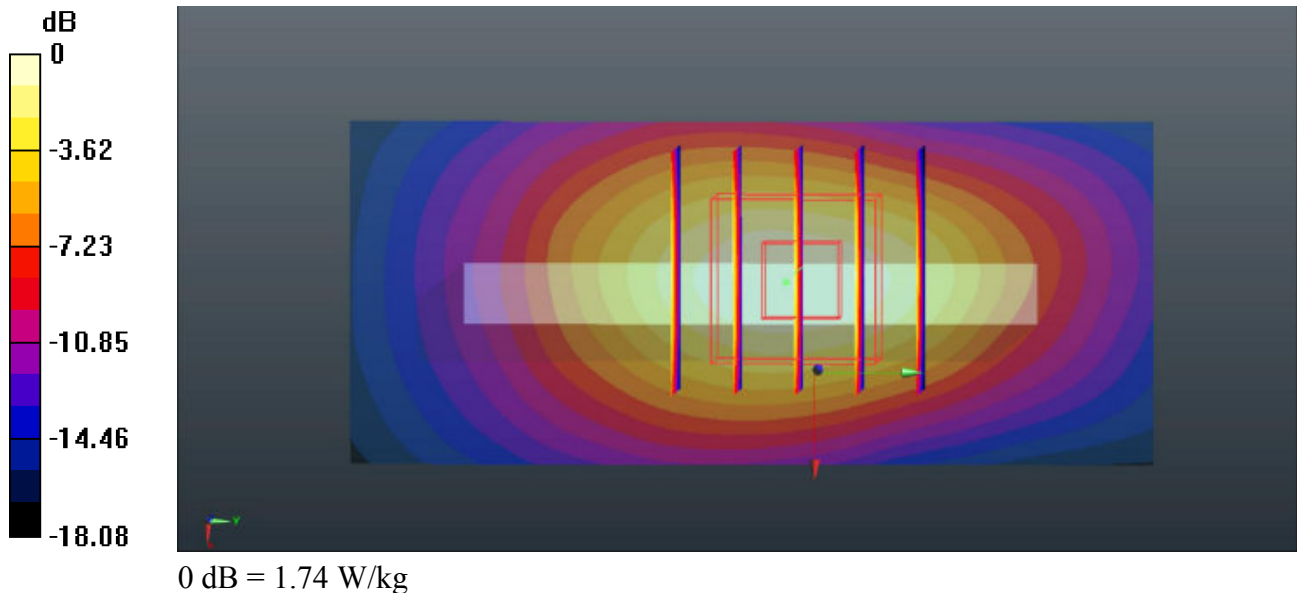
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.17 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.676 W/kg**

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



**#20\_LTE Band 2\_20M\_QPSK\_1RB\_49offset\_Bottom side\_10mm\_Ch18900**

Communication System: UID 0, FDD-LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 55.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18900/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

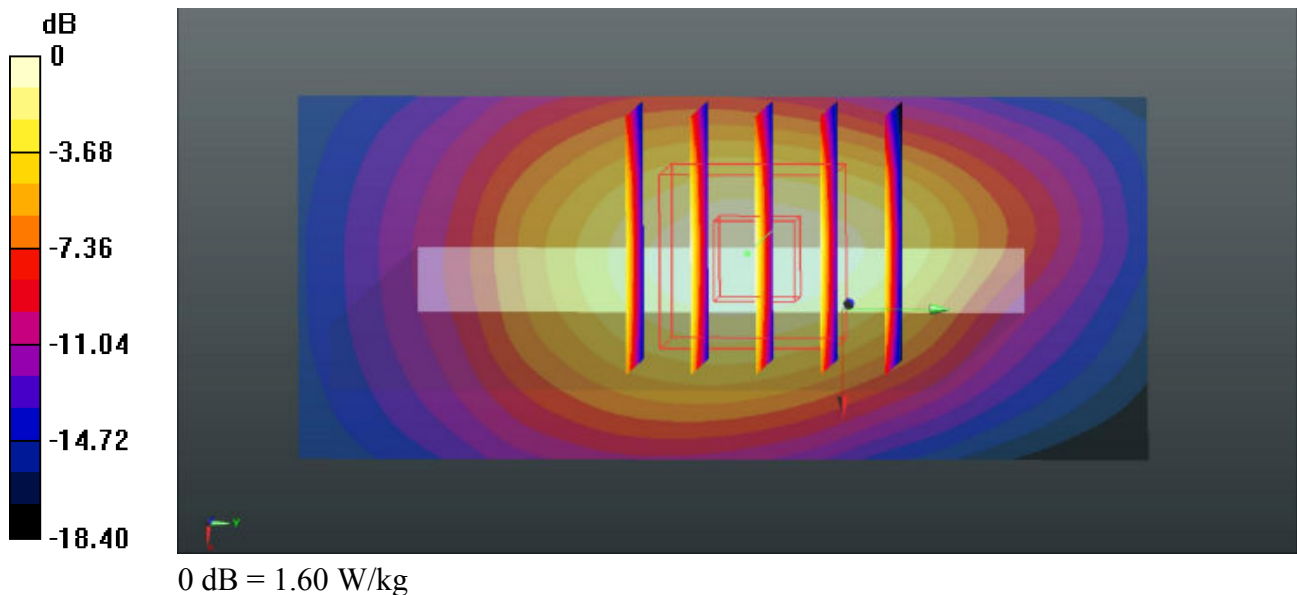
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.642 W/kg**

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



**#21\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Bottom side\_10mm\_Ch20850**

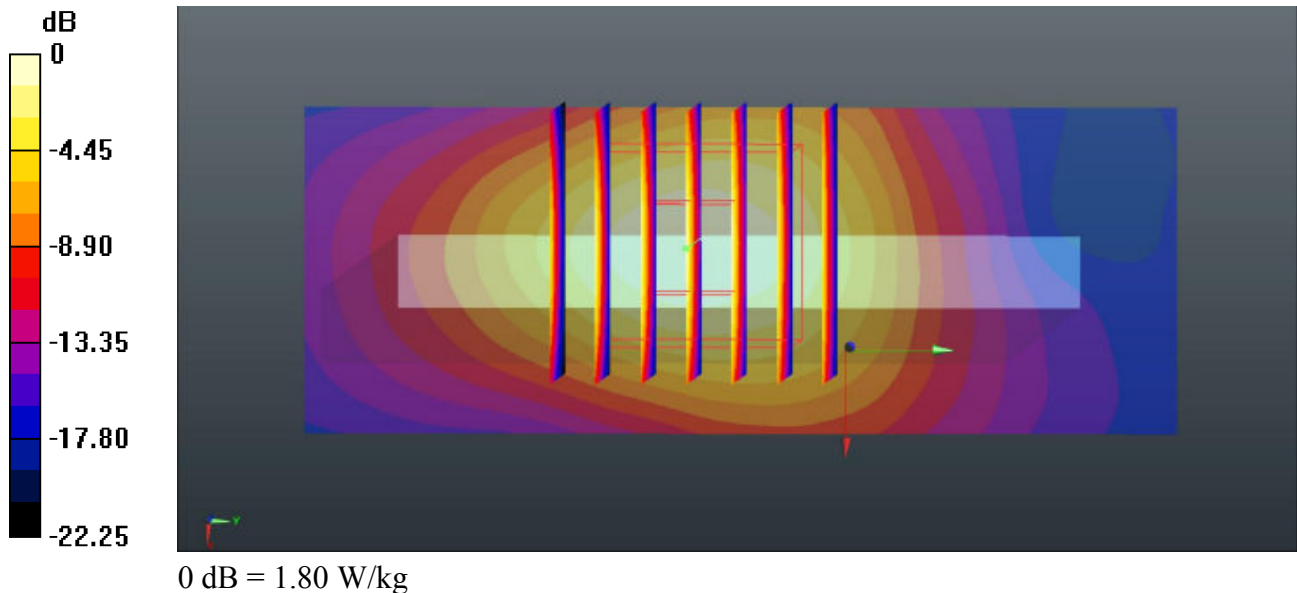
Communication System: UID 0, FDD-LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_2016/03/21 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.061$  S/m;  $\epsilon_r = 51.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.14, 7.14, 7.14); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (31x81x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.88 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 24.19 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 2.37 W/kg  
**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.548 W/kg**  
Maximum value of SAR (measured) = 1.80 W/kg



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

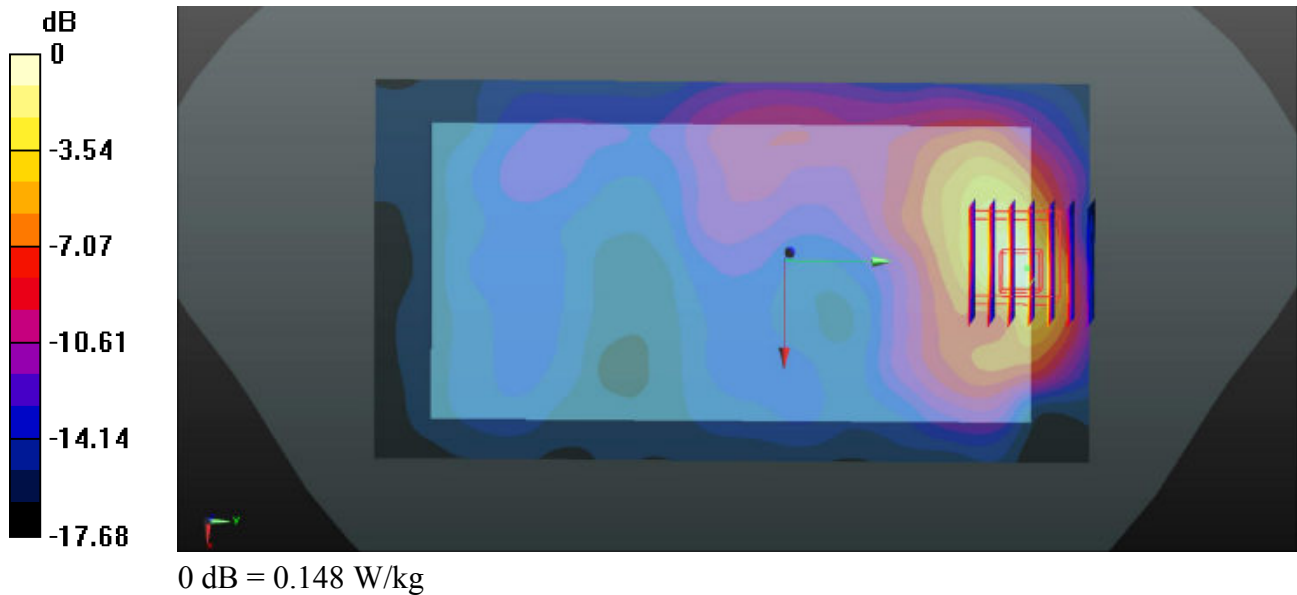
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.024  
Medium: MSL\_2450\_2016/03/29 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.964$  S/m;  $\epsilon_r = 52.685$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 0.160 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 1.975 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.215 W/kg  
**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.043 W/kg**  
Maximum value of SAR (measured) = 0.148 W/kg





**#23\_GSM1900\_GPRS (3 Tx slots)\_Front\_10mm\_Ch661**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 55.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 0.704 W/kg

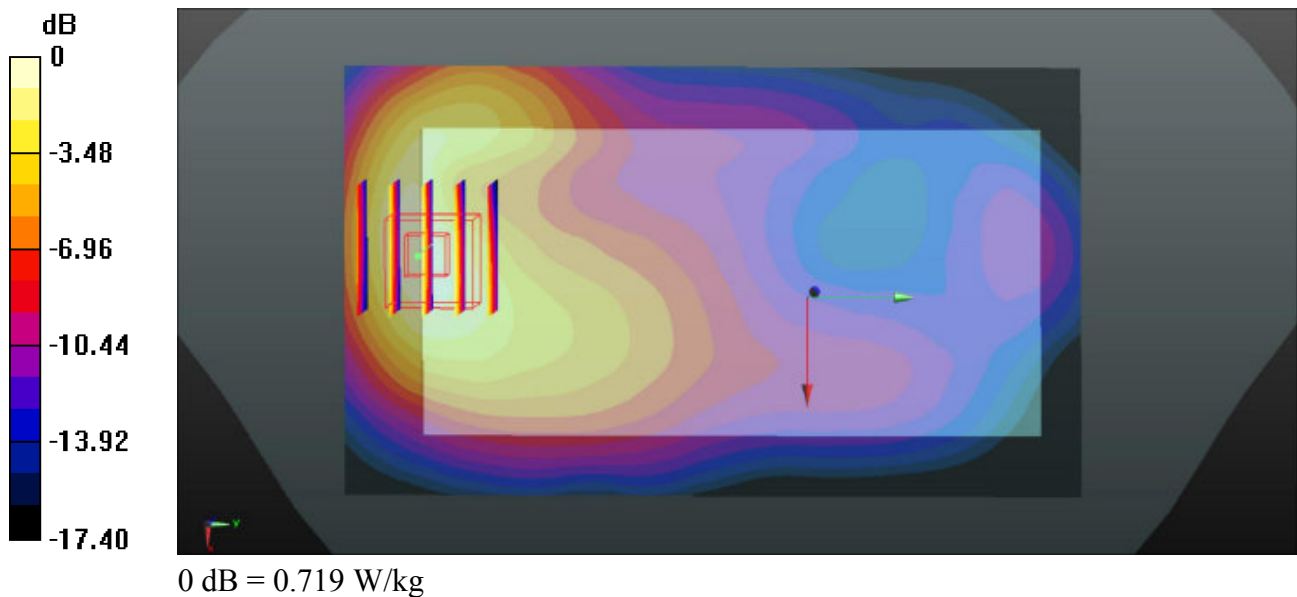
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.783 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.878 W/kg

**SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.303 W/kg**

Maximum value of SAR (measured) = 0.719 W/kg





**#24\_WCDMA Band II\_RMC 12.2Kbps\_Front\_10mm\_Ch9538**

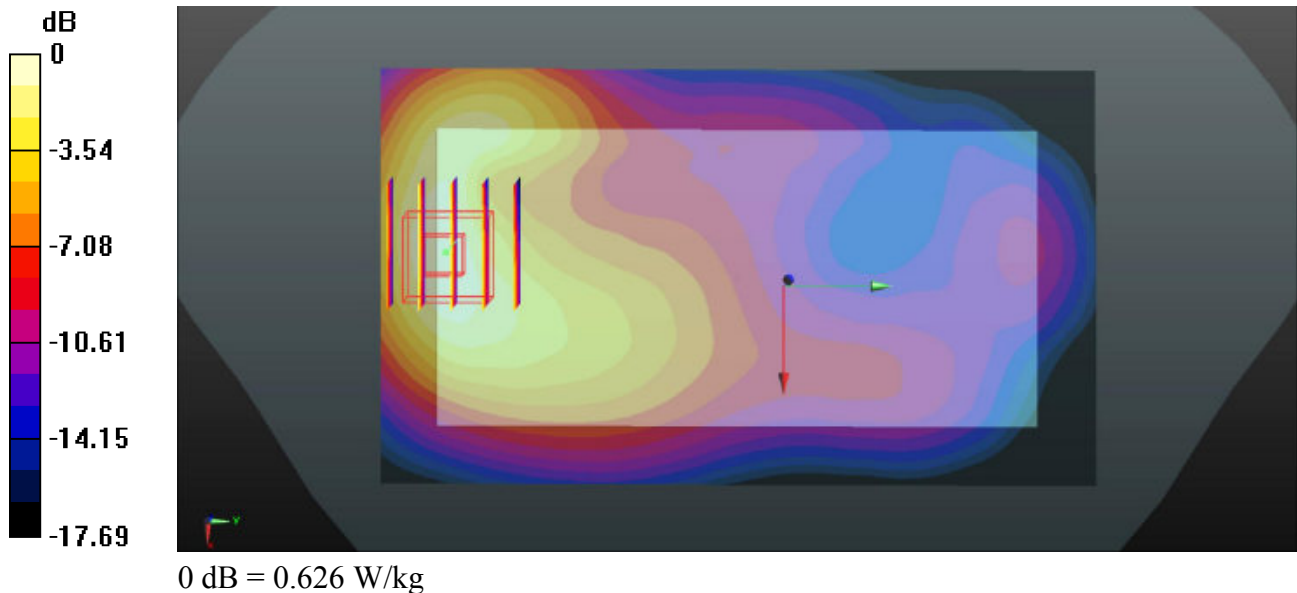
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.552$  S/m;  
 $\epsilon_r = 55.278$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- 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) = 0.654 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.017 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.785 W/kg  
**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.274 W/kg**  
Maximum value of SAR (measured) = 0.626 W/kg



**#25\_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\_2016/03/23 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.475$  S/m;  $\epsilon_r = 53.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.01, 8.01, 8.01); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- 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) = 1.06 W/kg

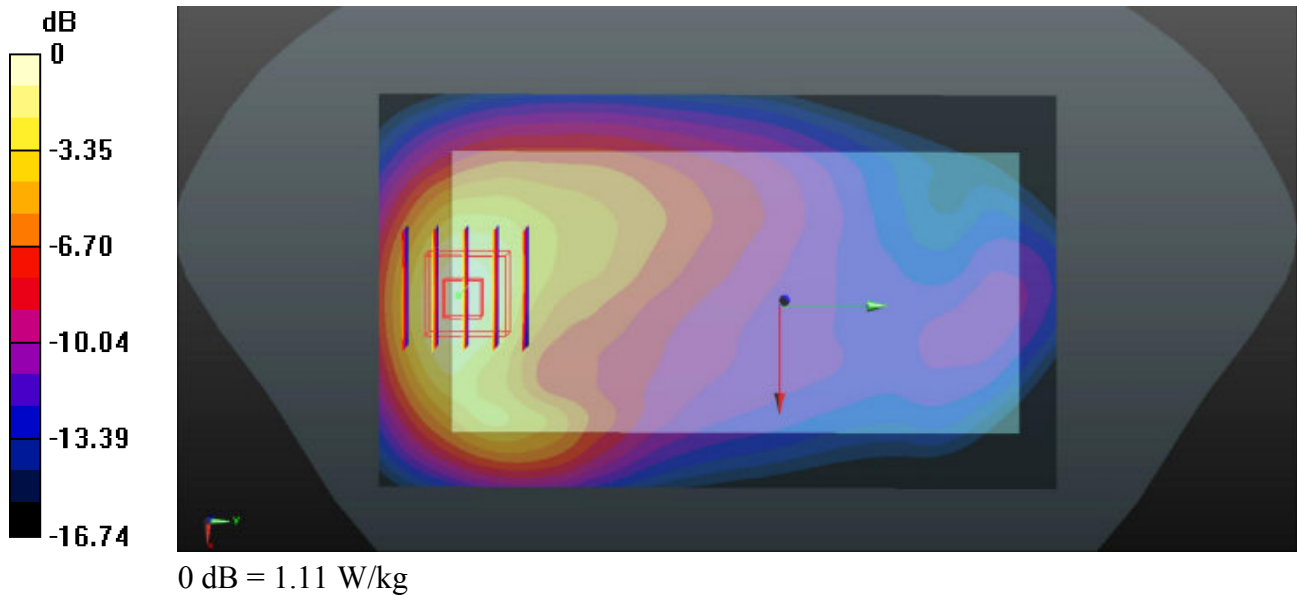
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.643 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.479 W/kg**

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



**#26\_LTE Band 2\_20M\_QPSK\_1RB\_49offset\_Back\_10mm\_Ch18700**

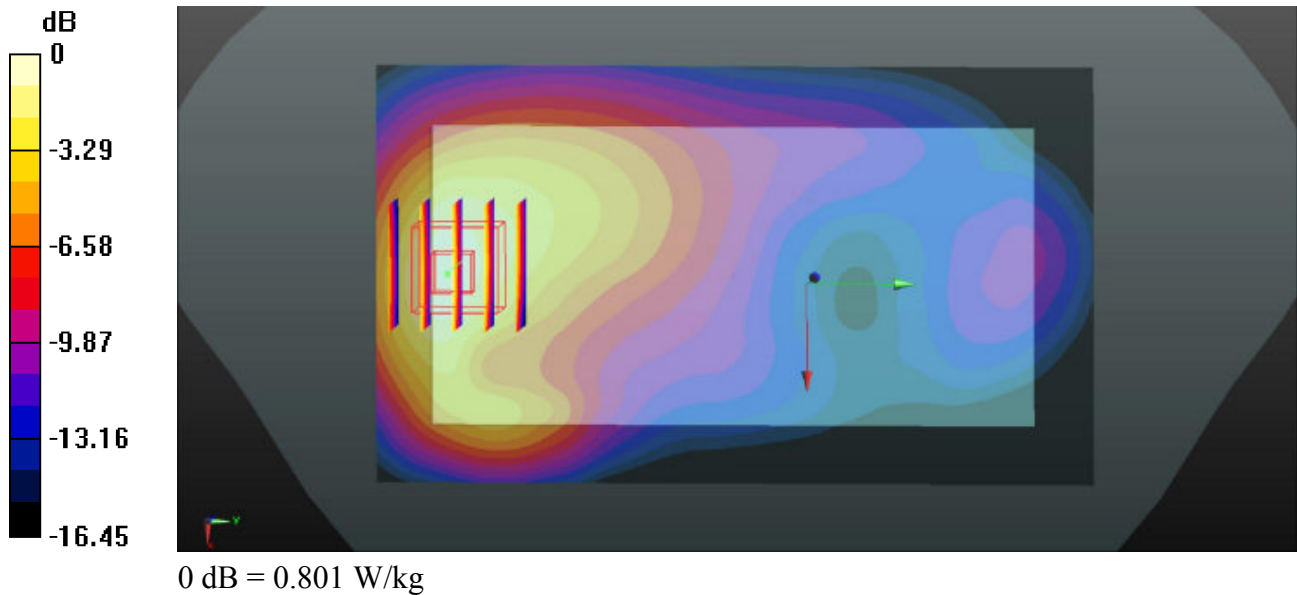
Communication System: UID 0, FDD-LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 55.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18700/Area Scan (71x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.782 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 6.990 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.973 W/kg  
**SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.356 W/kg**  
Maximum value of SAR (measured) = 0.801 W/kg



**#27\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Back\_10mm\_Ch21100**

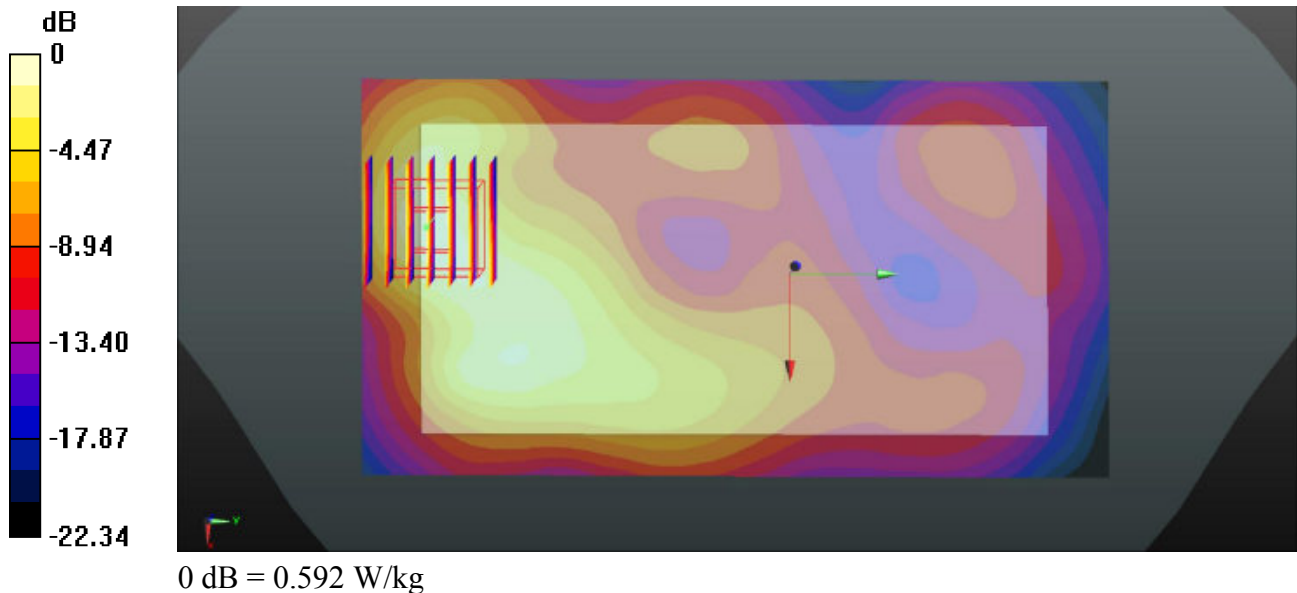
Communication System: UID 0, FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_2016/03/21 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.096$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.14, 7.14, 7.14); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- 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) = 0.566 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.212 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.778 W/kg  
**SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.201 W/kg**  
Maximum value of SAR (measured) = 0.592 W/kg



**#28\_GSM1900\_GPRS (3 Tx slots)\_Bottom side\_0mm\_Ch810\_Hand SAR**

Communication System: UID 0, GPRS (GMSK 3 Tx slot) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.554$  S/m;  $\epsilon_r = 55.263$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 10.0 W/kg

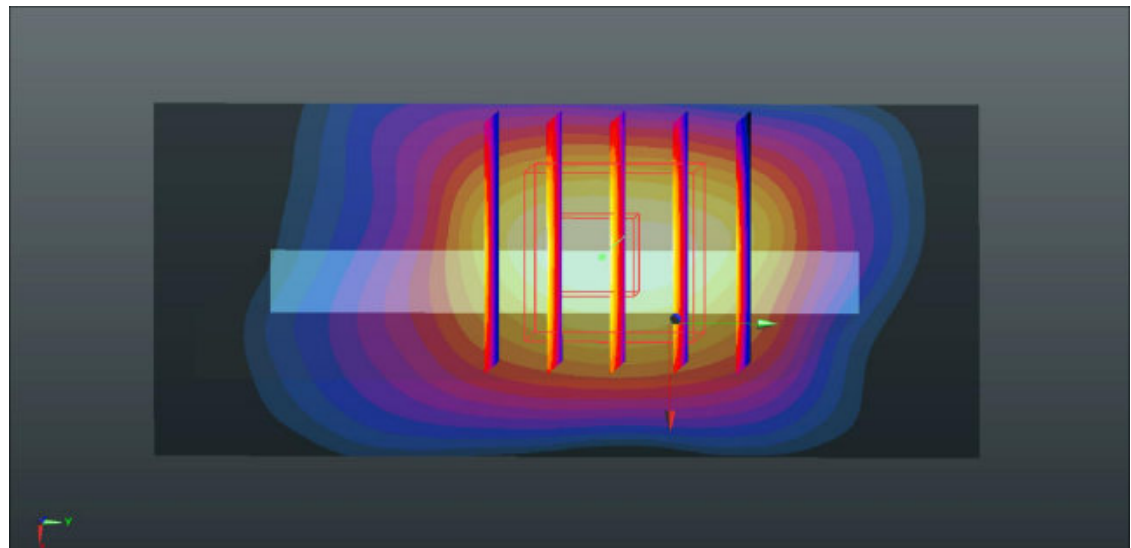
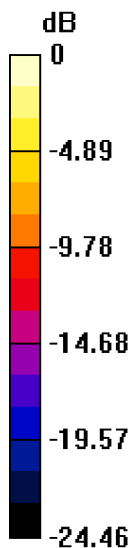
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.96 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.1 W/kg

**SAR(1 g) = 6.53 W/kg; SAR(10 g) = 2.88 W/kg**

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



0 dB = 10.2 W/kg

**#29\_WCDMA Band II\_RMC 12.2Kbps\_Bottom side\_0mm\_Ch9538\_Hand SAR**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.552$  S/m;  
 $\epsilon_r = 55.278$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9538/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.5 W/kg

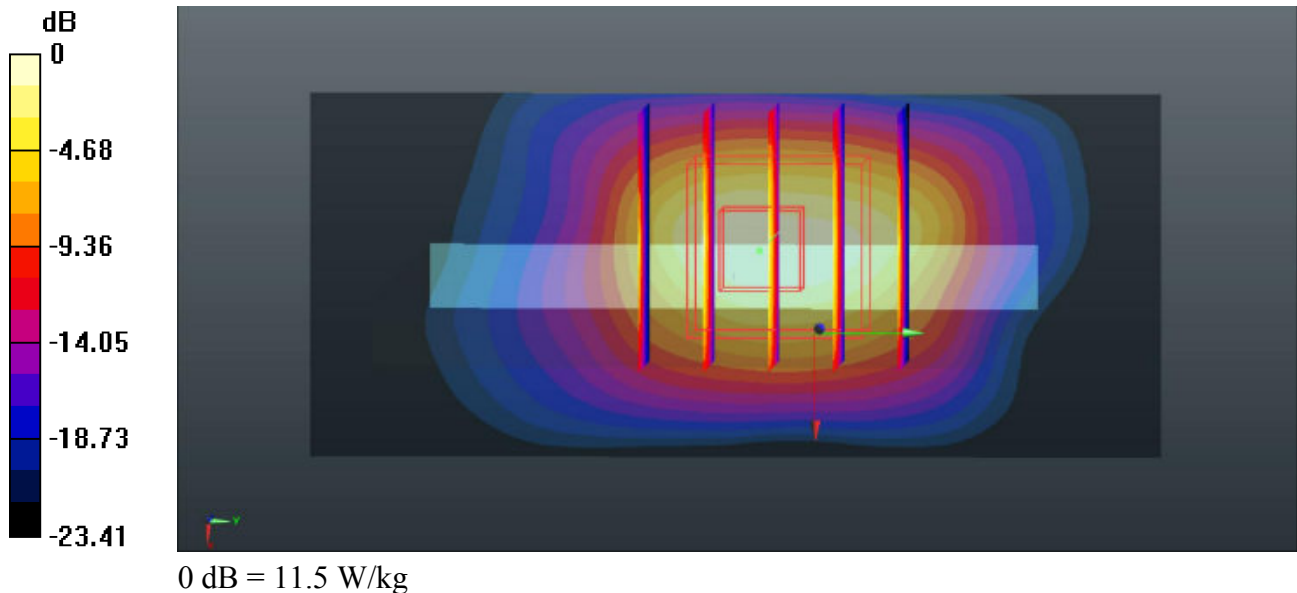
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.00 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 15.8 W/kg

**SAR(1 g) = 7.28 W/kg; SAR(10 g) = 3.22 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg



**#30\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Bottom side\_0mm\_Ch20175\_Hand SAR**

Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_2016/03/23 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.475$  S/m;  $\epsilon_r = 53.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.01, 8.01, 8.01); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 5.74 W/kg

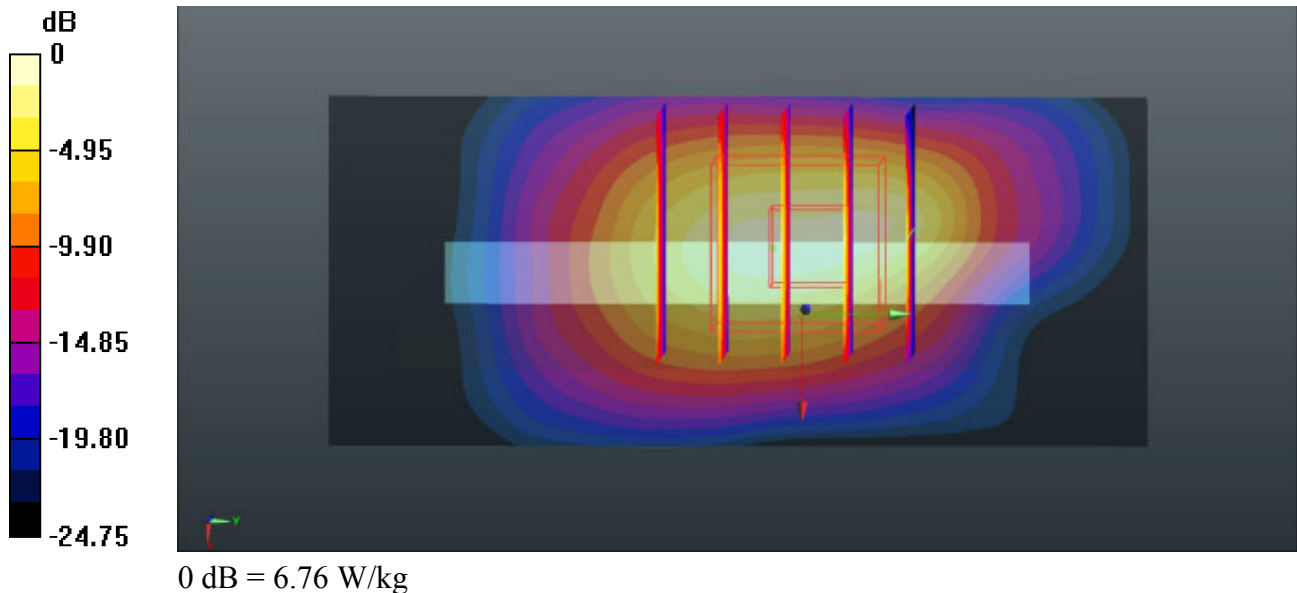
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.57 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 9.68 W/kg

**SAR(1 g) = 3.97 W/kg; SAR(10 g) = 1.78 W/kg**

Maximum value of SAR (measured) = 6.76 W/kg





**#31\_LTE Band 2\_20M\_QPSK\_1RB\_49offset\_Bottom side\_0mm\_Ch19100\_Hand SAR**

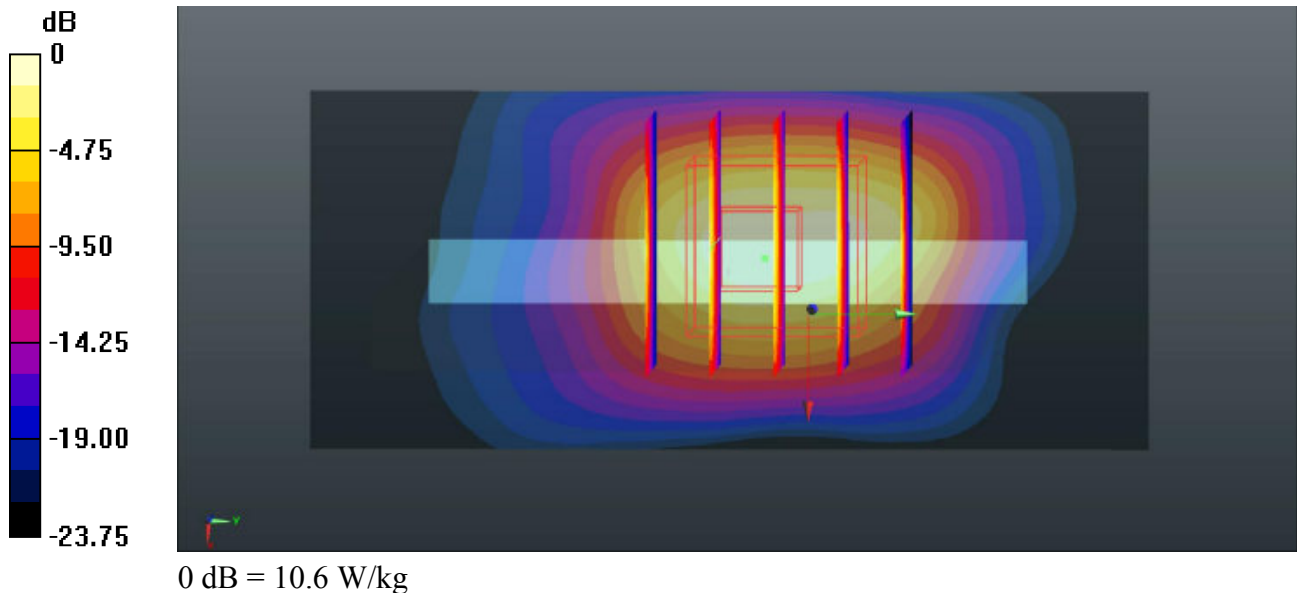
Communication System: UID 0, FDD-LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2016/03/22 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.542$  S/m;  $\epsilon_r = 55.338$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.75, 7.75, 7.75); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch19100/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 10.7 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 67.23 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 14.7 W/kg  
**SAR(1 g) = 6.69 W/kg; SAR(10 g) = 3 W/kg**  
Maximum value of SAR (measured) = 10.6 W/kg





**#32\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Bottom side\_0mm\_Ch20850\_Hand SAR**

Communication System: UID 0, FDD-LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_2016/03/21 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.061$  S/m;  $\epsilon_r = 51.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.14, 7.14, 7.14); Calibrated: 2015/10/1;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2015/8/27
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (31x81x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 10.9 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 51.87 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 16.5 W/kg  
**SAR(1 g) = 5.99 W/kg; SAR(10 g) = 2.16 W/kg**  
Maximum value of SAR (measured) = 11.2 W/kg

