

**02\_GSM1900\_GPRS(4 Tx slots)\_Right Cheek\_0mm\_Ch661\_OFF**

Communication System: UID 0, GPRS (GMSK 4 Tx slot) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_2017/03/19 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  S/m;  $\epsilon_r = 38.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.3 °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)

**Ch661/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

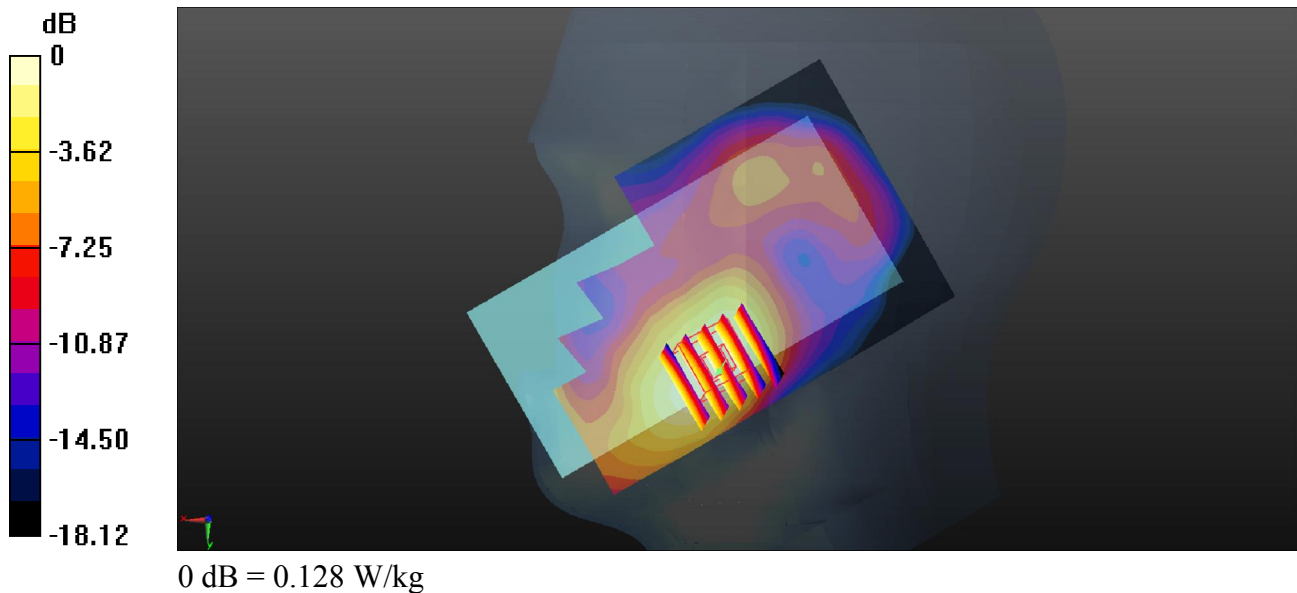
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.258 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.059 W/kg**

Maximum value of SAR (measured) = 0.128 W/kg



**03\_WCDMA Band V\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch4182\_OFF**

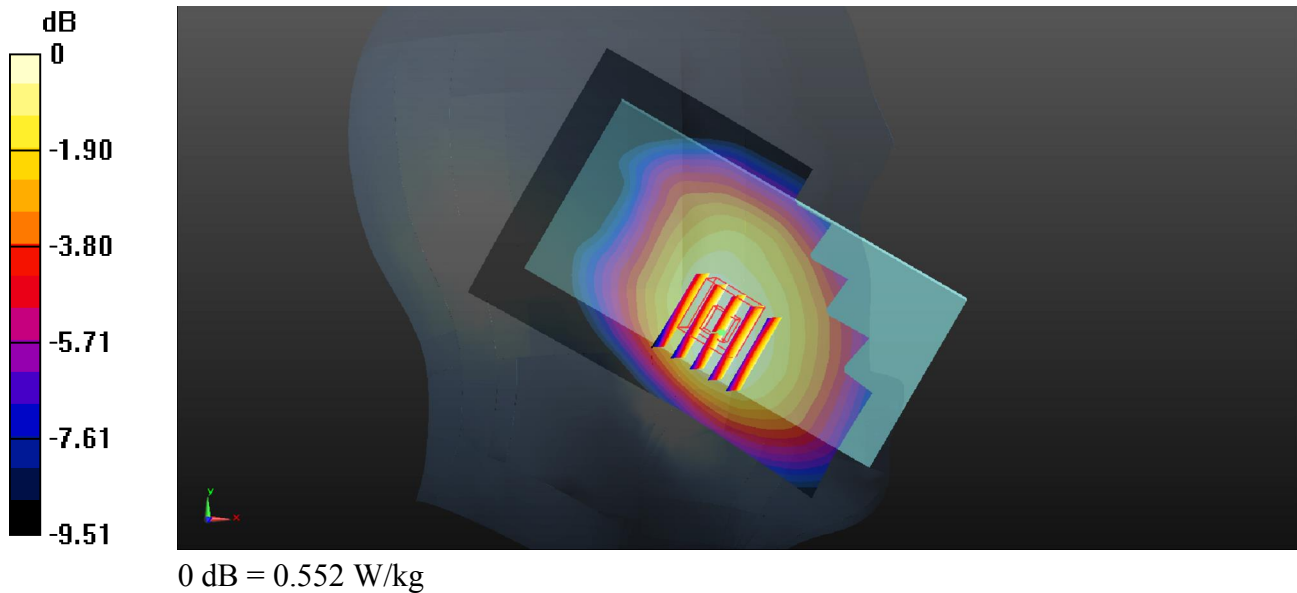
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_2017/03/17 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.893$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**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: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.557 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.125 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.597 W/kg  
**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.364 W/kg**  
Maximum value of SAR (measured) = 0.552 W/kg



**04\_WCDMA Band IV\_RMC 12.2Kbps\_Right Cheek\_0mm\_Ch1312\_OFF**

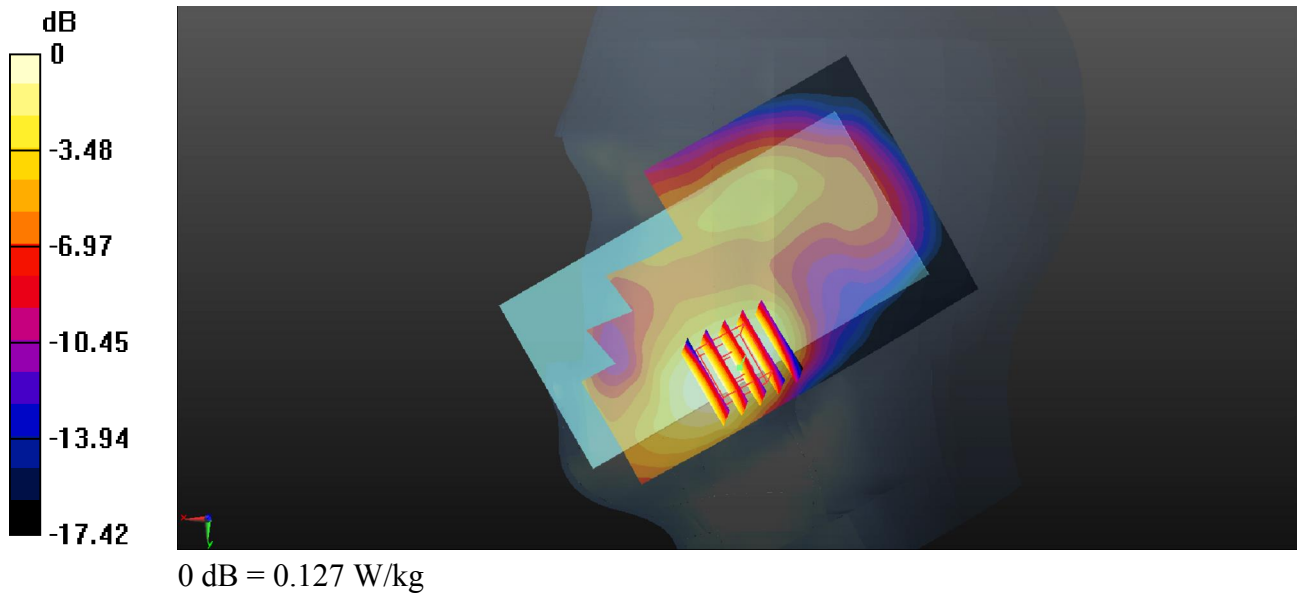
Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_2017/03/19 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.34$  S/m;  $\epsilon_r = 40.943$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**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)

**Ch1312/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.155 W/kg

**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.931 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.146 W/kg  
**SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.061 W/kg**  
Maximum value of SAR (measured) = 0.127 W/kg



**05\_WCDMA Band II\_RMC 12.2Kbps\_Right Cheek\_0mm\_Ch9538\_OFF**

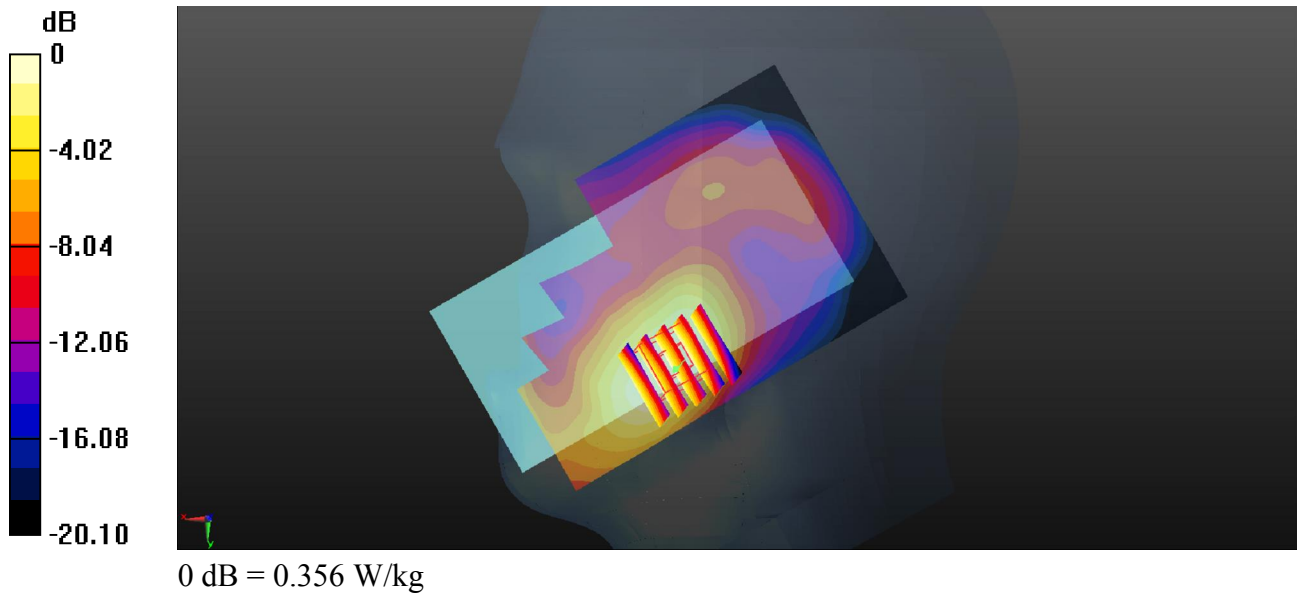
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_2017/03/19 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 38.704$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.3 °C

**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)

**Ch9538/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.428 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.024 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.417 W/kg  
**SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.160 W/kg**  
Maximum value of SAR (measured) = 0.356 W/kg



**06\_LTE Band 12\_10M\_QPSK\_1RB\_25offset\_Left  
Cheek\_0mm\_Ch23095\_OFF**

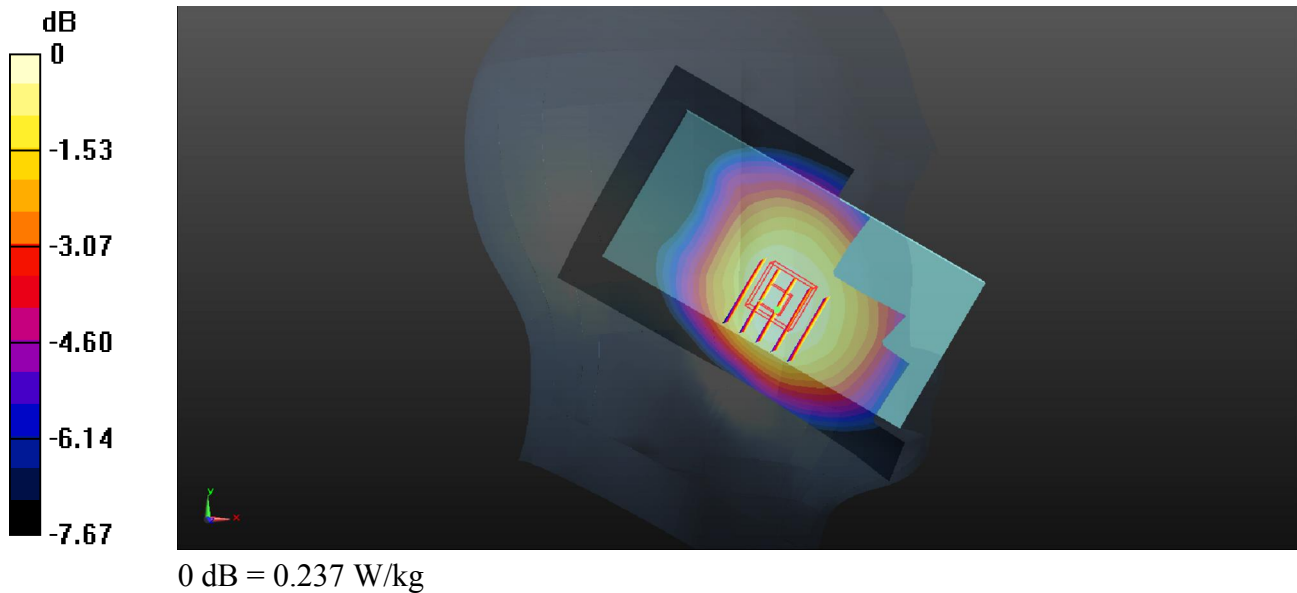
Communication System: UID 0, FDD-LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750\_2017/03/17 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 42.574$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.3 °C

**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: SAM1; Type: QD000P40CD; Serial: TP:1753
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.241 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.527 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.251 W/kg  
**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.172 W/kg**  
Maximum value of SAR (measured) = 0.237 W/kg



**07\_LTE Band 5\_10M\_QPSK\_1RB\_25offset\_Left  
Cheek\_0mm\_Ch20525\_OFF**

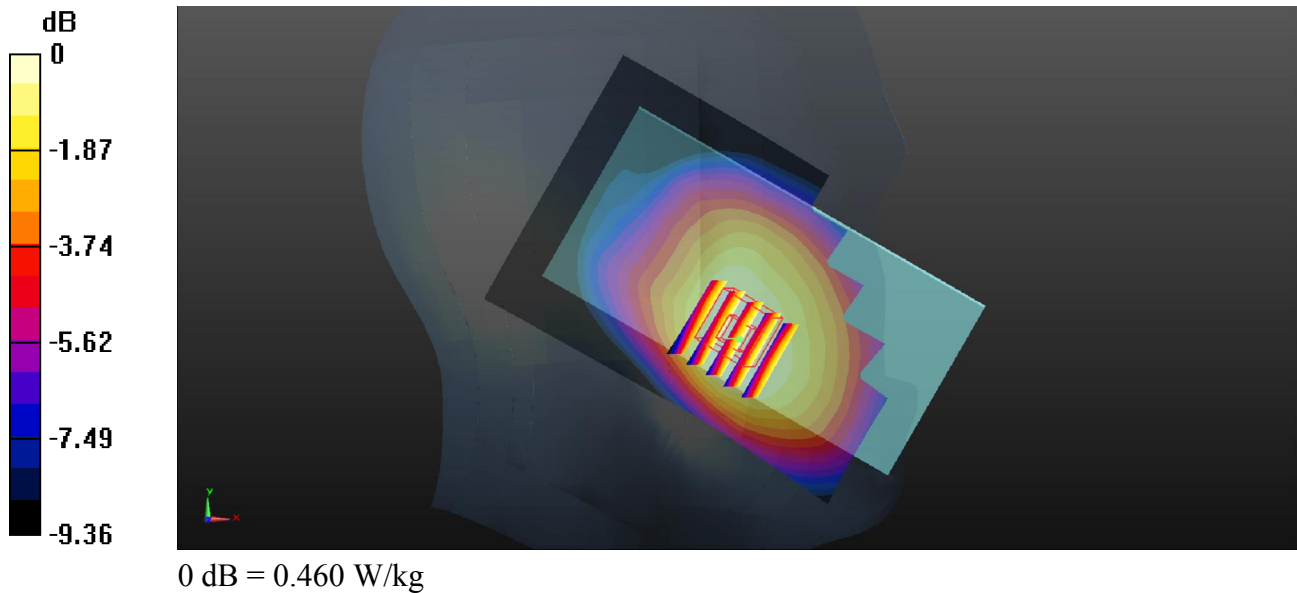
Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_2017/03/17 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

**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: 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) = 0.478 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 7.710 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.496 W/kg  
**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.299 W/kg**  
Maximum value of SAR (measured) = 0.460 W/kg



**08\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Right  
Cheek\_0mm\_Ch20175\_OFF**

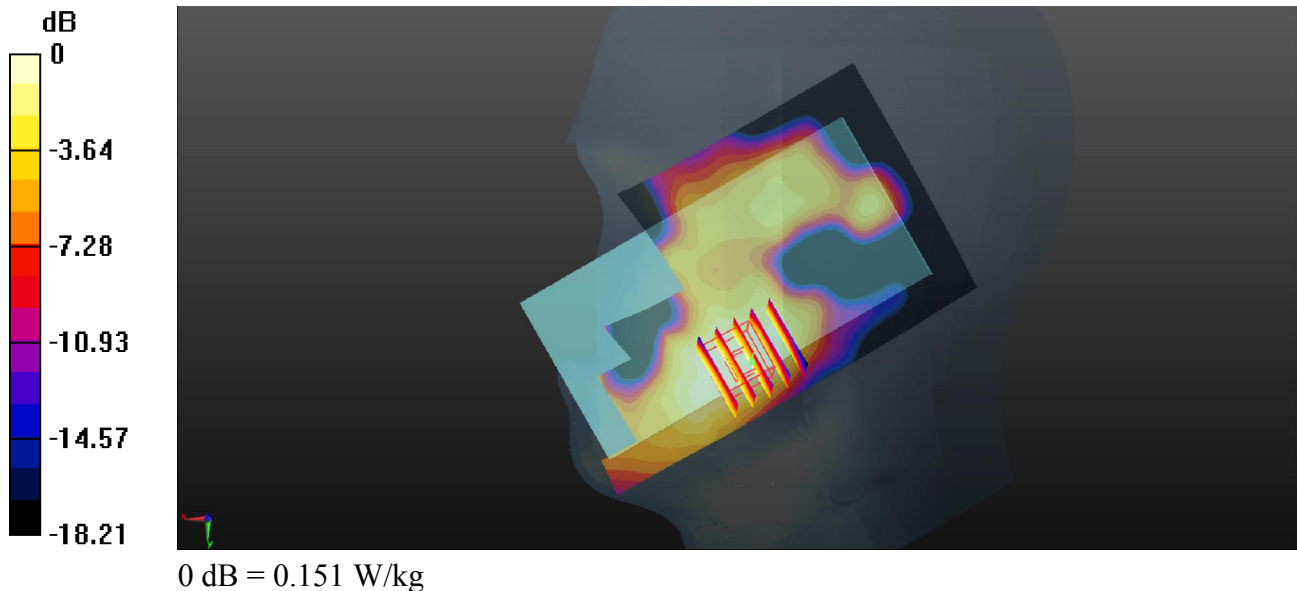
Communication System: UID 0, FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_2017/03/19 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 40.85$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

**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 (7372)

**Ch20175/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.182 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.598 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.173 W/kg  
**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.072 W/kg**  
Maximum value of SAR (measured) = 0.151 W/kg



**09\_LTE Band 2\_20M\_QPSK\_1RB\_49offset\_Right  
Cheek\_0mm\_Ch19100\_OFF**

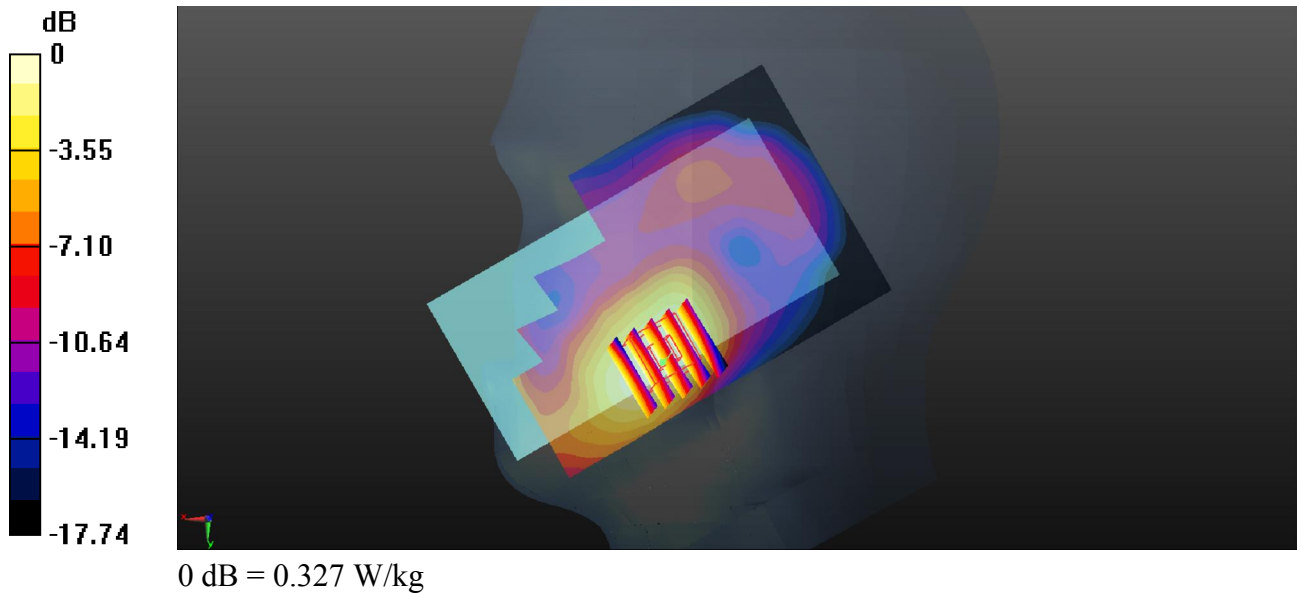
Communication System: UID 0, FDD-LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_2017/03/19 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.429$  S/m;  $\epsilon_r = 38.735$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.3 °C

**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)

**Ch19100/Area Scan (71x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.386 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 4.774 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.382 W/kg  
**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.149 W/kg**  
Maximum value of SAR (measured) = 0.327 W/kg



**10\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Right  
Cheek\_0mm\_Ch21350\_OFF**

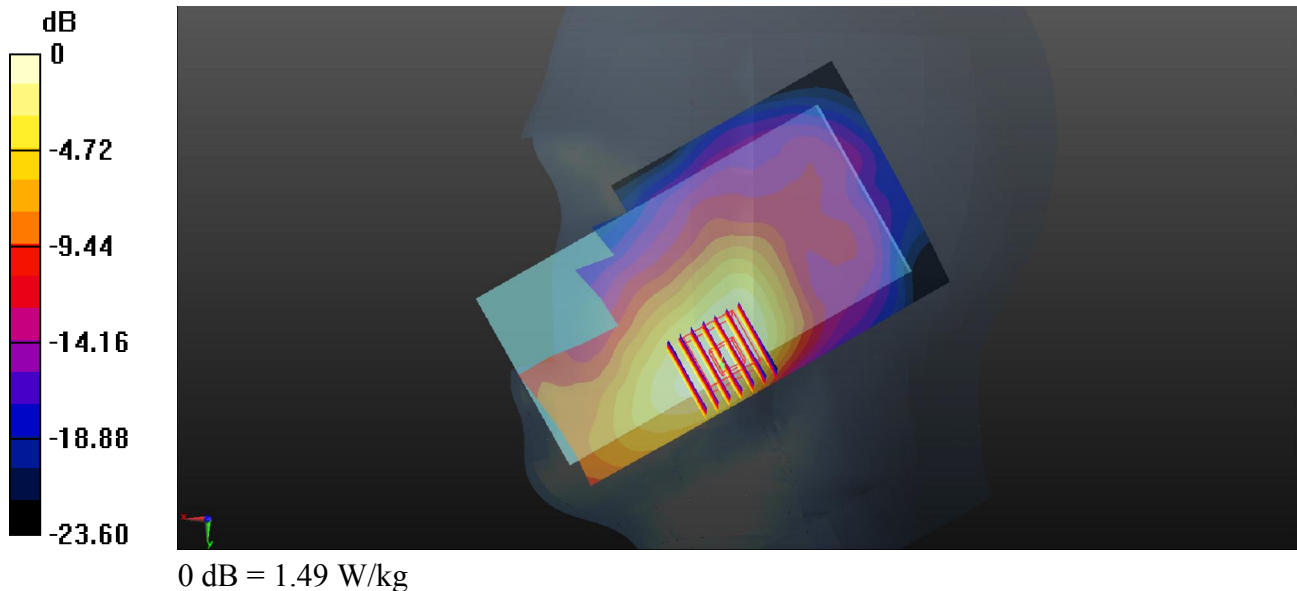
Communication System: UID 0, FDD-LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_2017/03/29 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.008$  S/m;  $\epsilon_r = 37.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.3 °C

**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 (7372)

**Ch21350/Area Scan (81x151x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.55 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.537 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 1.87 W/kg  
**SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.507 W/kg**  
Maximum value of SAR (measured) = 1.49 W/kg



**11\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_0mm\_Ch1\_OFF**

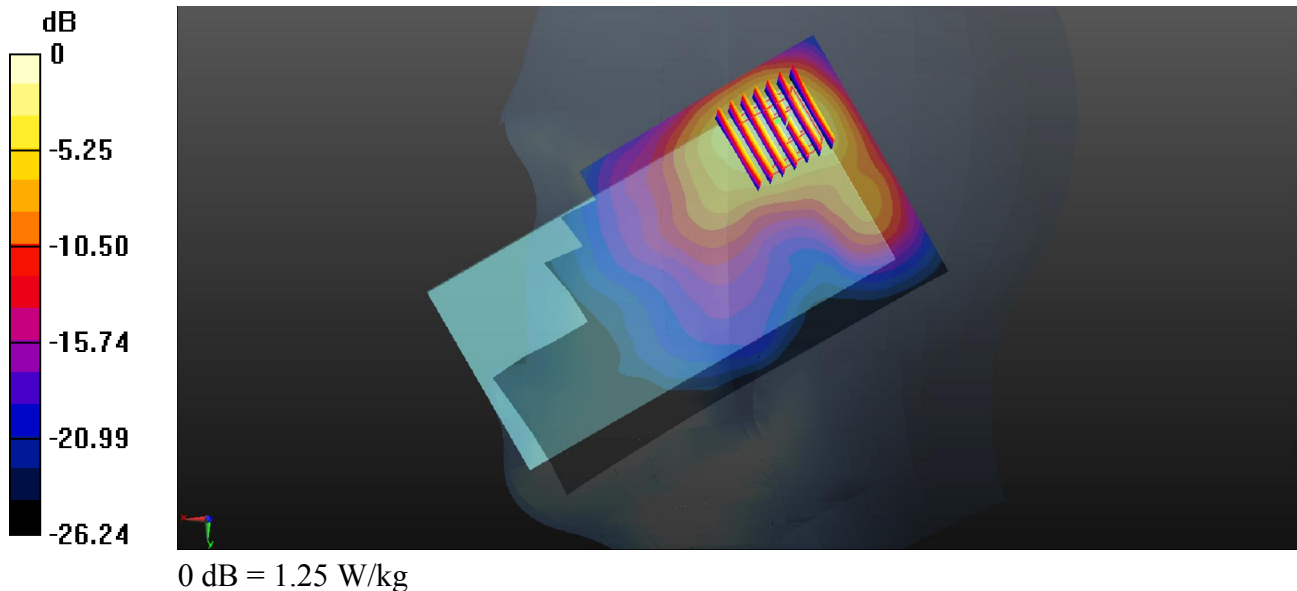
Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025  
Medium: HSL\_2450\_2017/04/01 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.803$  S/m;  $\epsilon_r = 37.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

**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: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch1/Area Scan (81x151x1):** Interpolated grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (interpolated) = 1.20 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 8.322 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.67 W/kg  
**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.326 W/kg**  
Maximum value of SAR (measured) = 1.25 W/kg



**12\_WLAN5.3GHz\_802.11a 6Mbps\_Right Cheek\_0mm\_Ch52\_ON\_#2**

Communication System: UID 0, 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1.145

Medium: HSL\_5G\_2017/04/02 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.729$  S/m;  $\epsilon_r = 36.396$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(5.32, 5.32, 5.32); 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 (7372)

**Ch52/Area Scan (91x181x1):** Interpolated grid: dx=10mm, dy=10mm

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

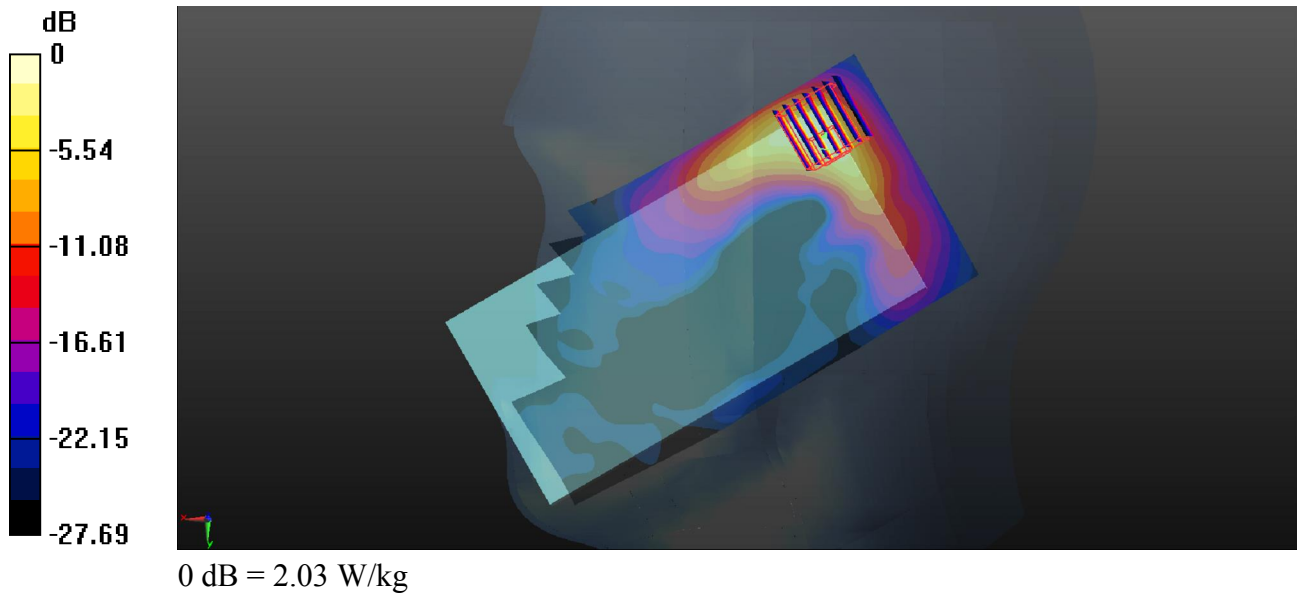
**Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.063 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.46 W/kg

**SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 2.03 W/kg



### 13\_WLAN5.5GHz\_802.11a 6Mbps\_Right Cheek\_0mm\_Ch116\_ON

Communication System: UID 0, 802.11a (0); Frequency: 5580 MHz; Duty Cycle: 1:1.145

Medium: HSL\_5G\_2017/04/02 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.111$  S/m;  $\epsilon_r = 35.852$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.84, 4.84, 4.84); 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 (7372)

**Ch116/Area Scan (91x181x1):** Interpolated grid: dx=10mm, dy=10mm

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

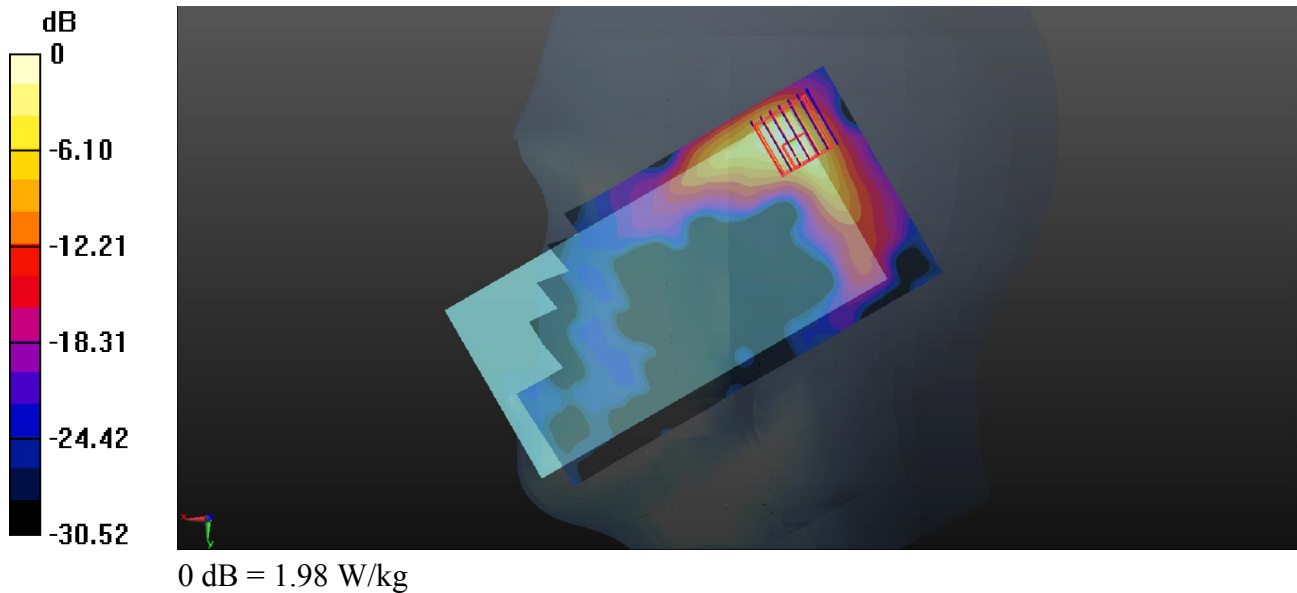
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.628 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.48 W/kg

**SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 1.98 W/kg



# **14\_WLAN5.8GHz\_802.11a 6Mbps\_Right Cheek\_0mm\_Ch149\_ON**

Communication System: UID 0, 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1.145

Medium: HSL\_5G\_2017/04/02 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.308 \text{ S/m}$ ;  $\epsilon_r = 35.56$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.1 \text{ }^\circ\text{C}$

## **DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(4.78, 4.78, 4.78); 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 (7372)

**Ch149/Area Scan (91x181x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $1.23 \text{ W/kg}$

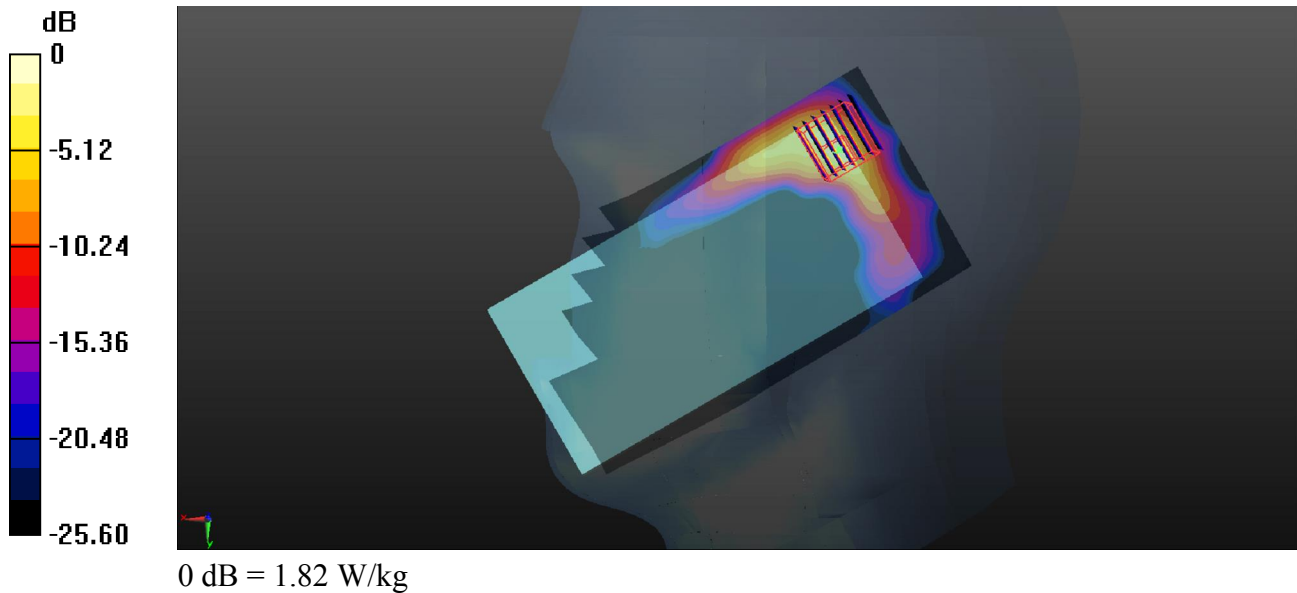
**Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $3.290 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $3.20 \text{ W/kg}$

**SAR(1 g) =  $0.573 \text{ W/kg}$ ; SAR(10 g) =  $0.160 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.82 \text{ W/kg}$



**15\_GSM850\_GPRS(4 Tx slots)\_Left side\_10mm\_Ch251\_OFF\_#2**

Communication System: UID 0, GPRS (GMSK 4 Tx slot) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_835\_2017/03/15 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 56.471$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.4 °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: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch251/Area Scan (31x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.787 W/kg

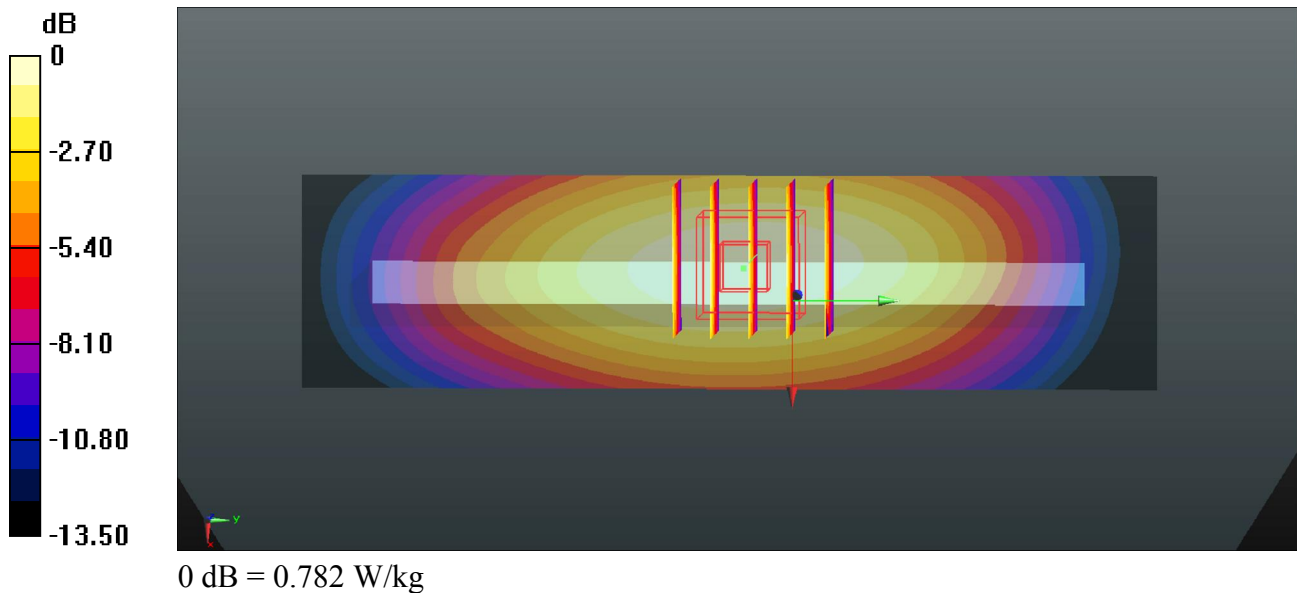
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.72 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.892 W/kg

**SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.398 W/kg**

Maximum value of SAR (measured) = 0.782 W/kg



**16\_GSM1900\_GPRS(1 Tx slot)\_Bottom side\_10mm\_Ch661\_ON\_#2**

Communication System: UID 0, GPRS (GMSK 1 Tx slot) (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_2017/03/25 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.557$  S/m;  $\epsilon_r = 53.912$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.2 °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)

**Ch661/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.73 W/kg

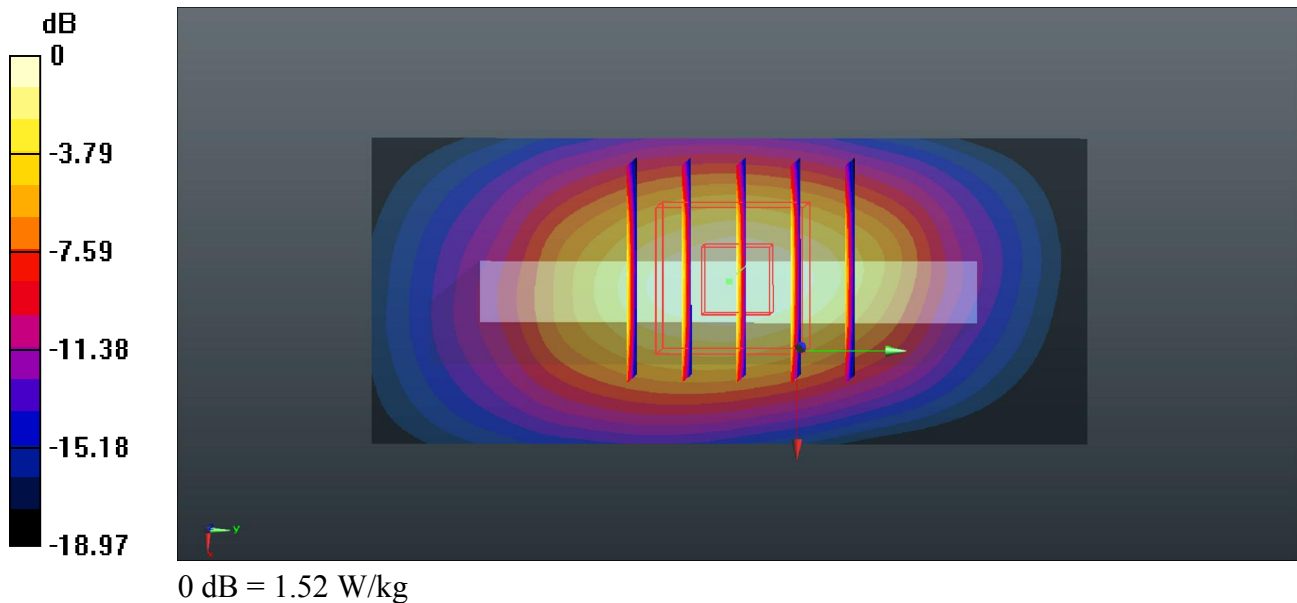
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.517 W/kg**

Maximum value of SAR (measured) = 1.52 W/kg



**17\_WCDMA Band V\_RMC 12.2Kbps\_Left side\_10mm\_Ch4132\_OFF\_#2**

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_2017/03/15 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 56.616$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.4 °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: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch4132/Area Scan (31x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

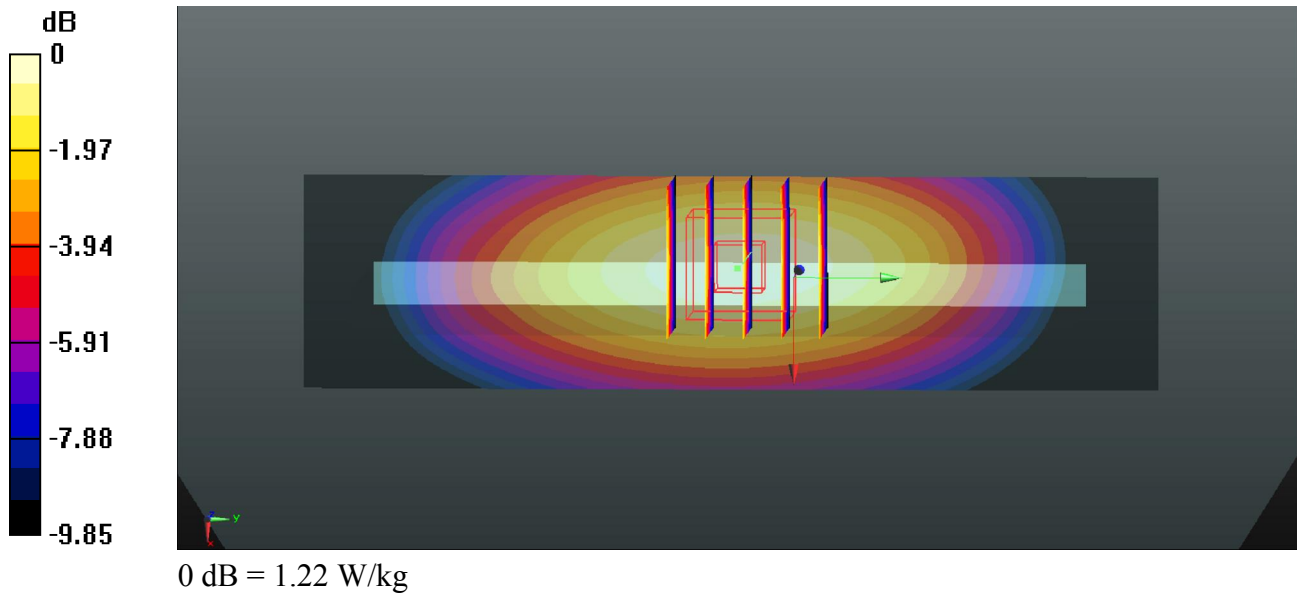
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.93 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.616 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



**18\_WCDMA Band IV\_RMC 12.2Kbps\_Bottom side\_10mm\_Ch1513\_ON**

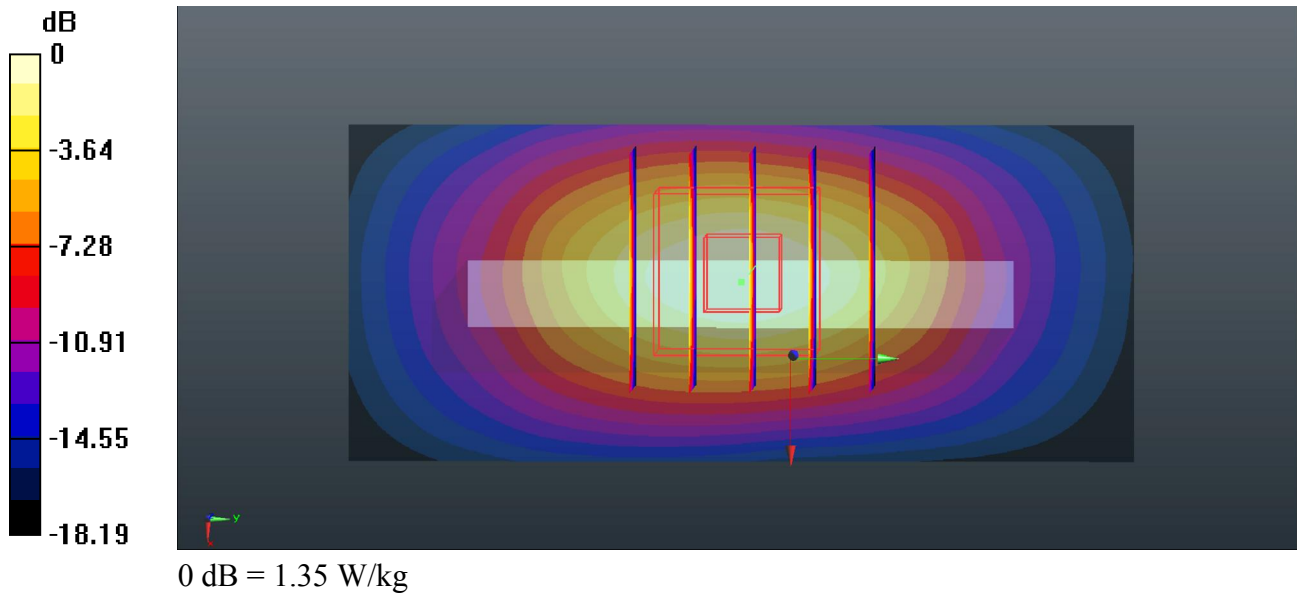
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750\_2017/03/27 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 53.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.0 °C

**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 (7372)

**Ch1513/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.42 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.60 W/kg  
**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.463 W/kg**  
Maximum value of SAR (measured) = 1.35 W/kg



**19\_WCDMA Band II\_RMC 12.2Kbps\_Bottom  
side\_10mm\_Ch9400\_ON\_#2**

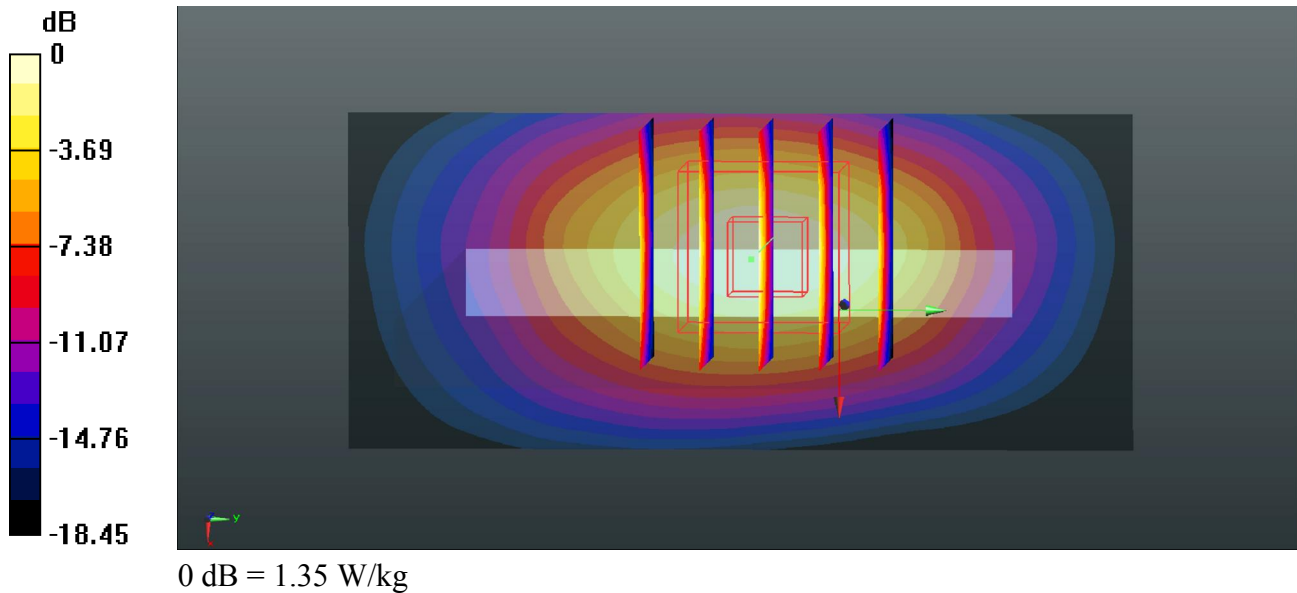
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2017/03/25 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.557$  S/m;  $\epsilon_r = 53.912$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.2 °C

**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 (7372)

**Ch9400/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.47 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.12 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 1.60 W/kg  
**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.458 W/kg**  
Maximum value of SAR (measured) = 1.35 W/kg



**20\_LTE Band 12\_10M\_QPSK\_1RB\_25offset\_Bcak\_10mm\_Ch23095\_OFF**

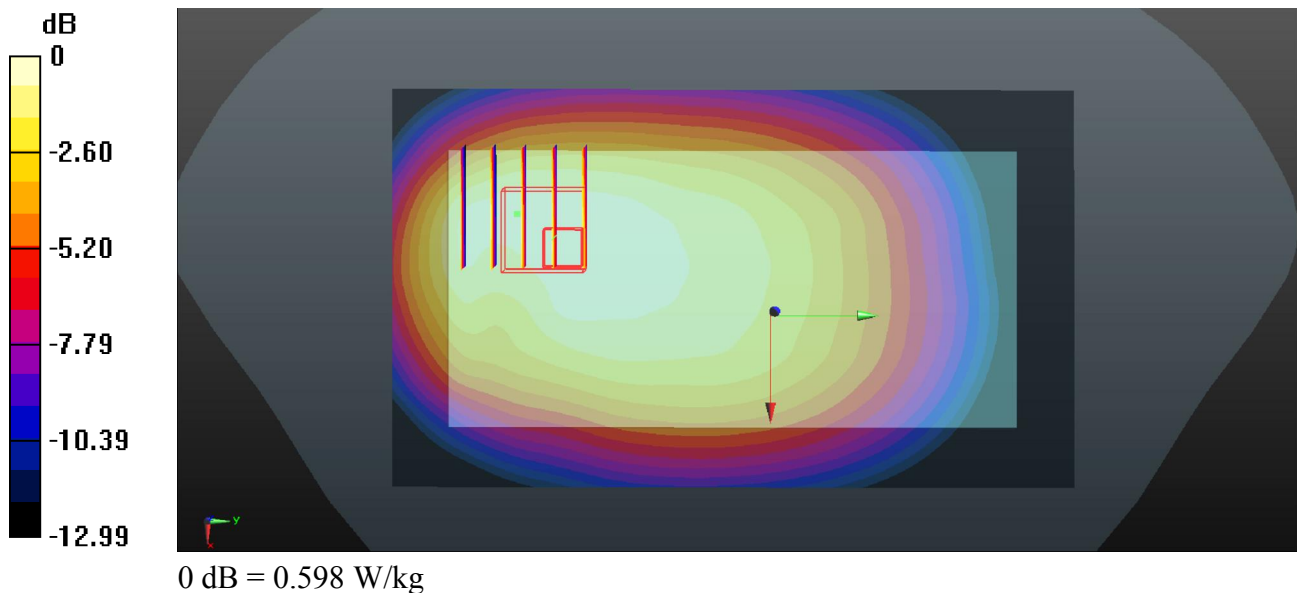
Communication System: UID 0, FDD-LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_2017/03/16 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 54.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.5 °C

**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=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.588 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.56 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.665 W/kg  
**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.322 W/kg**  
Maximum value of SAR (measured) = 0.598 W/kg



**21\_LTE Band 5\_10M\_QPSK\_1RB\_25offset\_Left  
side\_10mm\_Ch20525\_OFF\_#2**

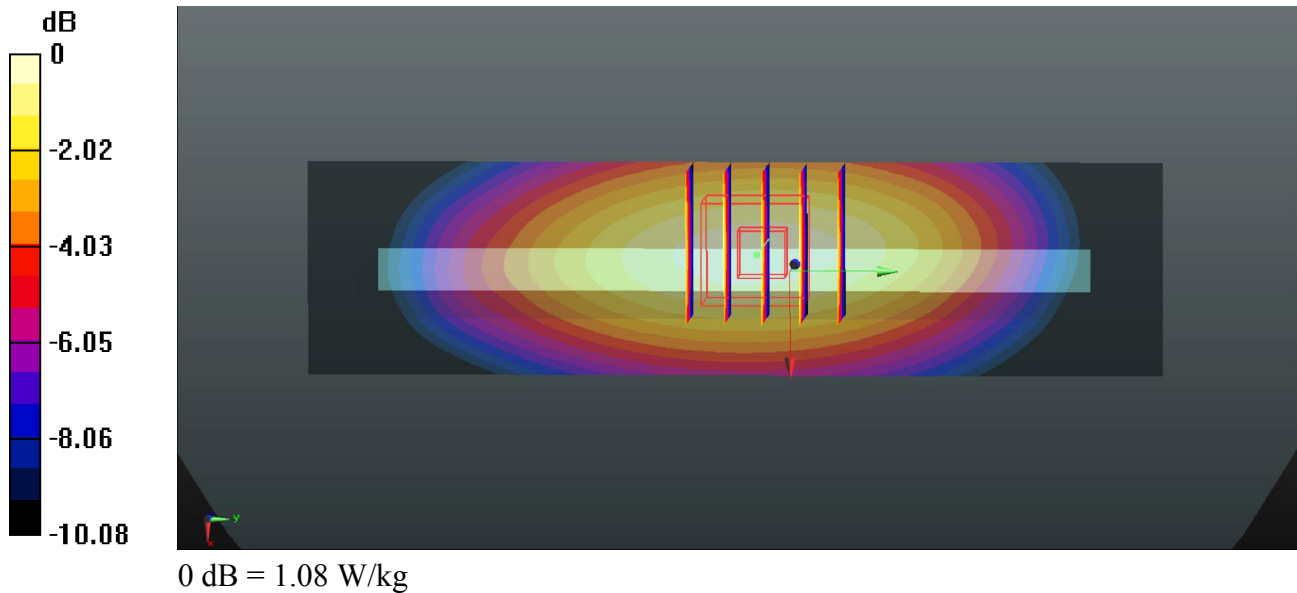
Communication System: UID 0, FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_2017/03/15 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.984$  S/m;  $\epsilon_r = 56.549$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.4 °C

**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: SAM2; Type: QD000P40CD; Serial: TP:1754
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch20525/Area Scan (31x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 1.03 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 28.49 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 1.25 W/kg  
**SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.540 W/kg**  
Maximum value of SAR (measured) = 1.08 W/kg



**22\_LTE Band 4\_20M\_QPSK\_1RB\_49offset\_Bottom  
side\_10mm\_Ch20175\_OFF**

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

Medium: MSL\_1750\_2017/03/27 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 53.437$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.0 °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 (7372)

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

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

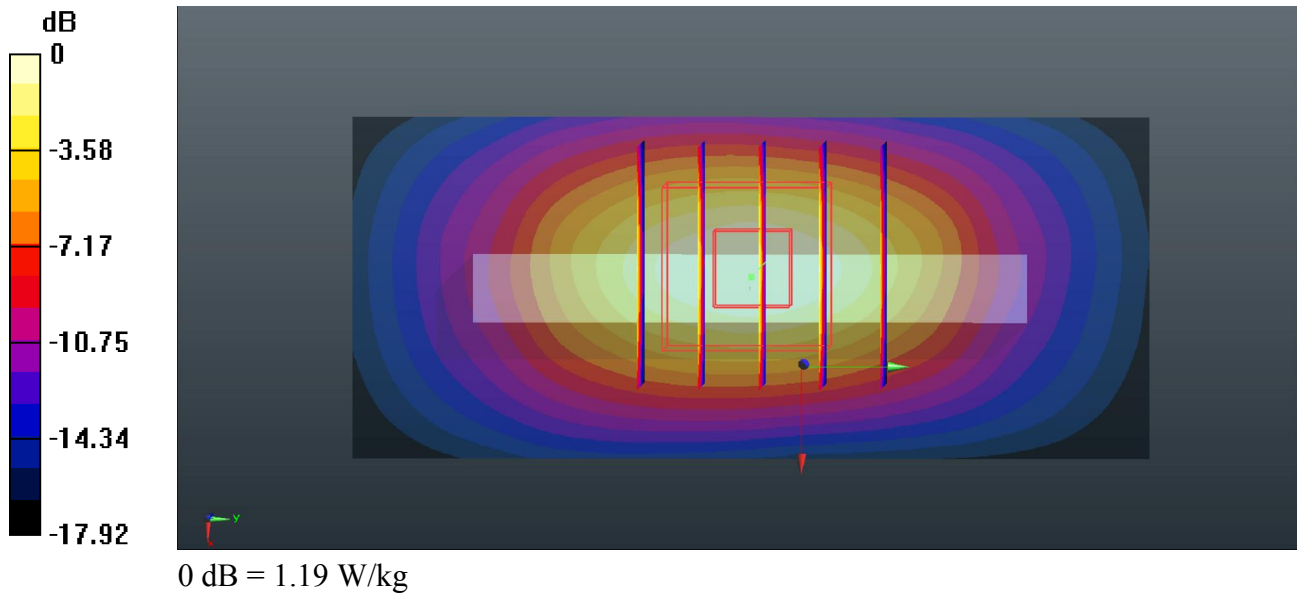
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.08 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.414 W/kg**

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



**23\_LTE Band 2\_20M\_QPSK\_1RB\_49offset\_Bottom  
side\_10mm\_Ch19100\_OFF\_#2**

Communication System: UID 0, FDD-LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_2017/03/25 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  S/m;  $\epsilon_r = 53.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.2 °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 (7372)

**Ch19100/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.52 W/kg

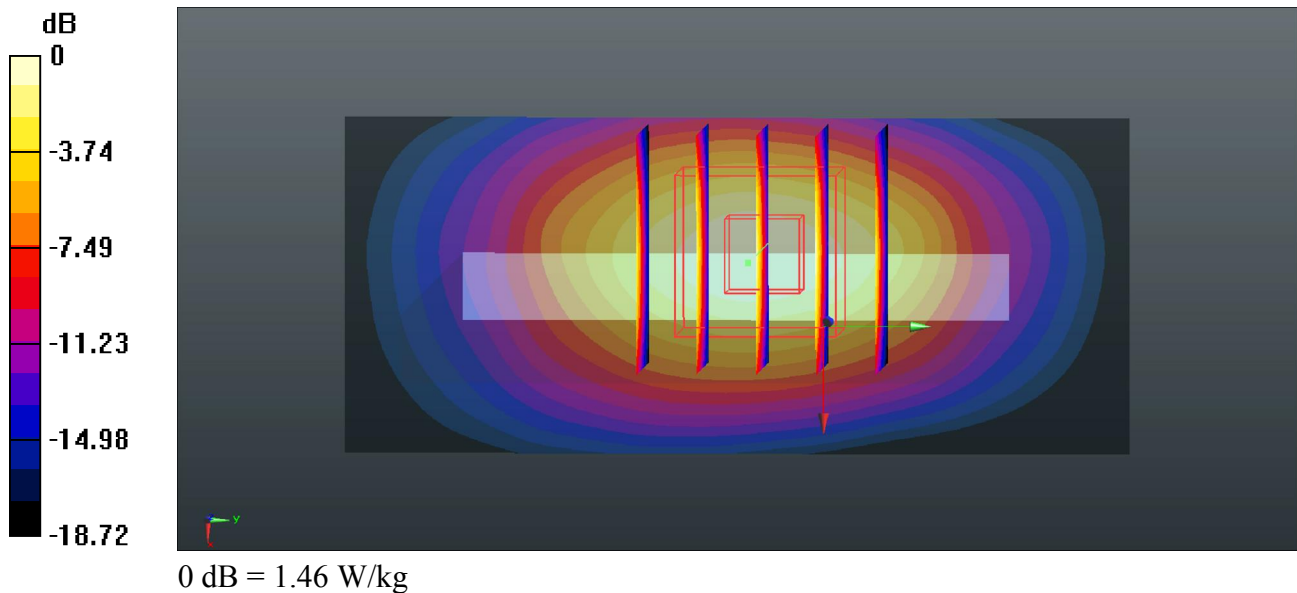
**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.84 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.487 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



**24\_LTE Band 7\_20M\_QPSK\_1RB\_49offset\_Bottom  
side\_10mm\_Ch21100\_ON**

Communication System: UID 0, FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600\_2017/03/27 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.123$  S/m;  $\epsilon_r = 53.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °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 (7372)

**Ch21100/Area Scan (31x81x1):** Interpolated grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.69 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 21.40 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 2.05 W/kg  
**SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.479 W/kg**  
Maximum value of SAR (measured) = 1.64 W/kg

