

**11\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch20850**

Communication System: UID 0, FDD\_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
 Medium: HSL\_2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.892$  S/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

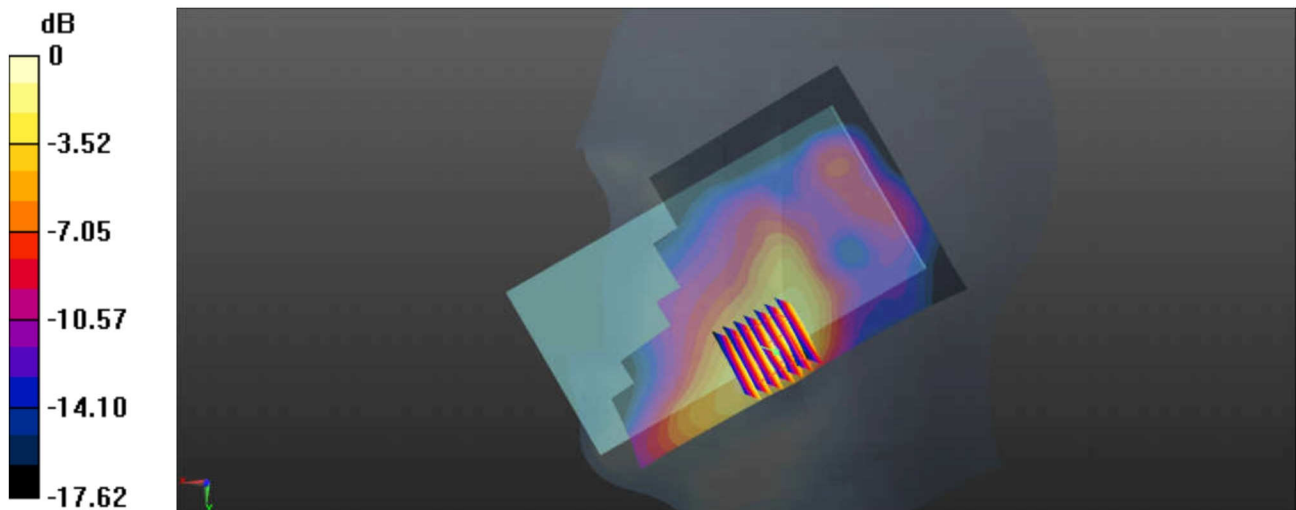
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(7.31, 7.31, 7.31); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.920 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 8.304 V/m; Power Drift = 0.09 dB  
 Peak SAR (extrapolated) = 1.18 W/kg  
**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.331 W/kg**  
 Maximum value of SAR (measured) = 0.843 W/kg



0 dB = 0.920 W/kg = -0.36 dBW/kg

### 12\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_0mm\_Ch11

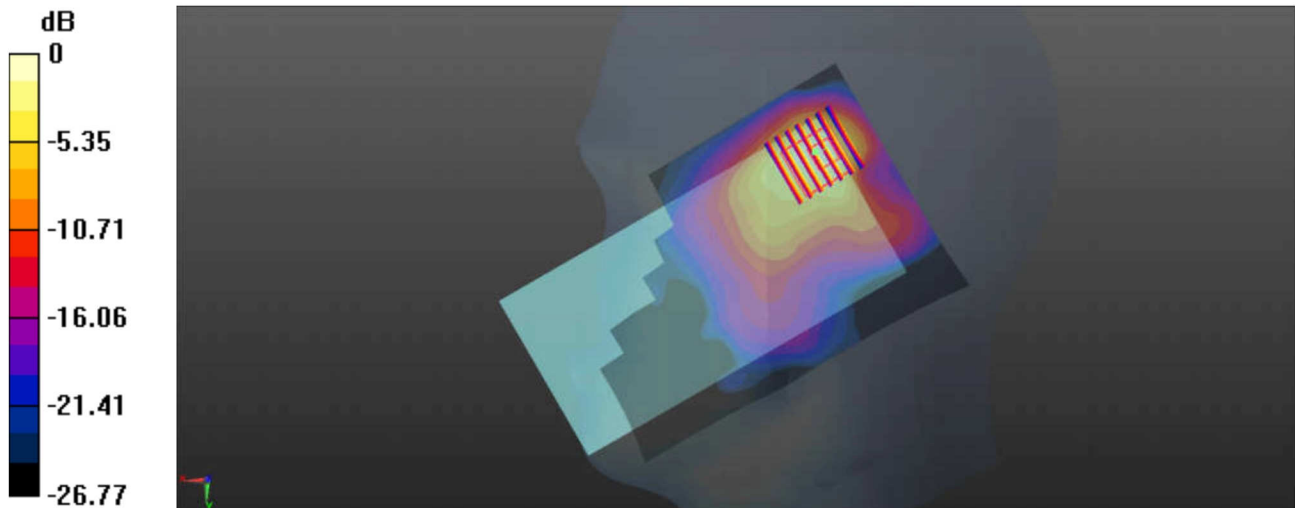
Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.837$  S/m;  $\epsilon_r = 38.289$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.889 W/kg

**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 9.438 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 0.946 W/kg  
**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.219 W/kg**  
Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.889 W/kg = -0.51 dBW/kg

**13\_WLAN5.3GHz\_802.11a 6Mbps\_Right Cheek\_0mm\_Ch64**

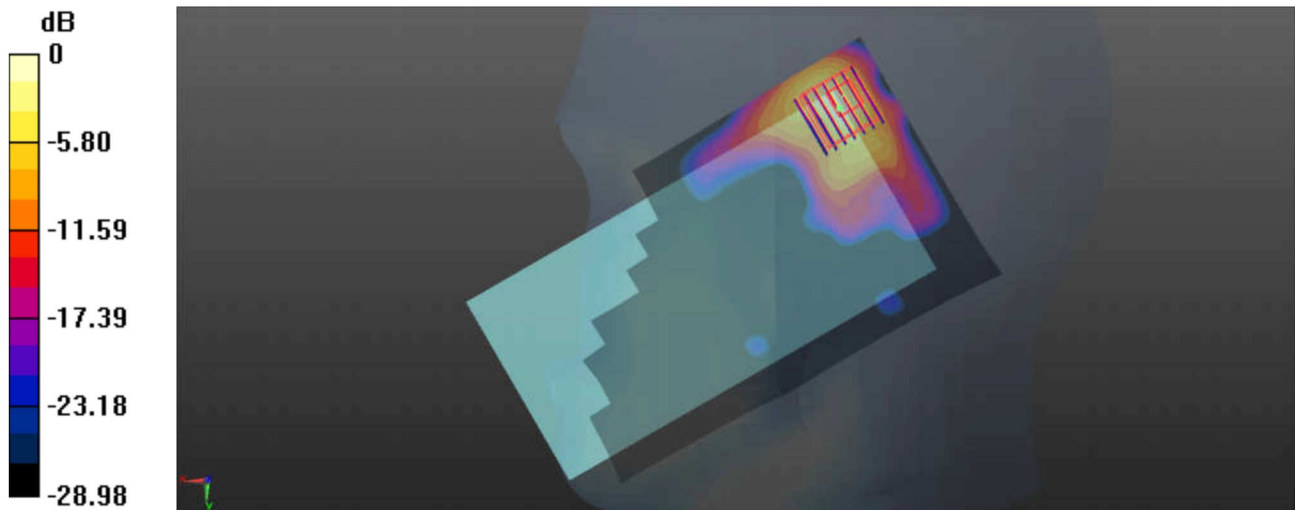
Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.018  
 Medium: HSL\_5000 Medium parameters used:  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.926 \text{ S/m}$ ;  $\epsilon_r = 37$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(5.2, 5.2, 5.2); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch64/Area Scan (101x181x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $2.07 \text{ W/kg}$

**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$   
 Reference Value =  $2.954 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$   
 Peak SAR (extrapolated) =  $4.70 \text{ W/kg}$   
**SAR(1 g) =  $1.02 \text{ W/kg}$ ; SAR(10 g) =  $0.283 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $2.66 \text{ W/kg}$



$0 \text{ dB} = 2.07 \text{ W/kg} = 3.16 \text{ dBW/kg}$

### 14\_WLAN5.5GHz\_802.11a 6Mbps\_Right Cheek\_0mm\_Ch100

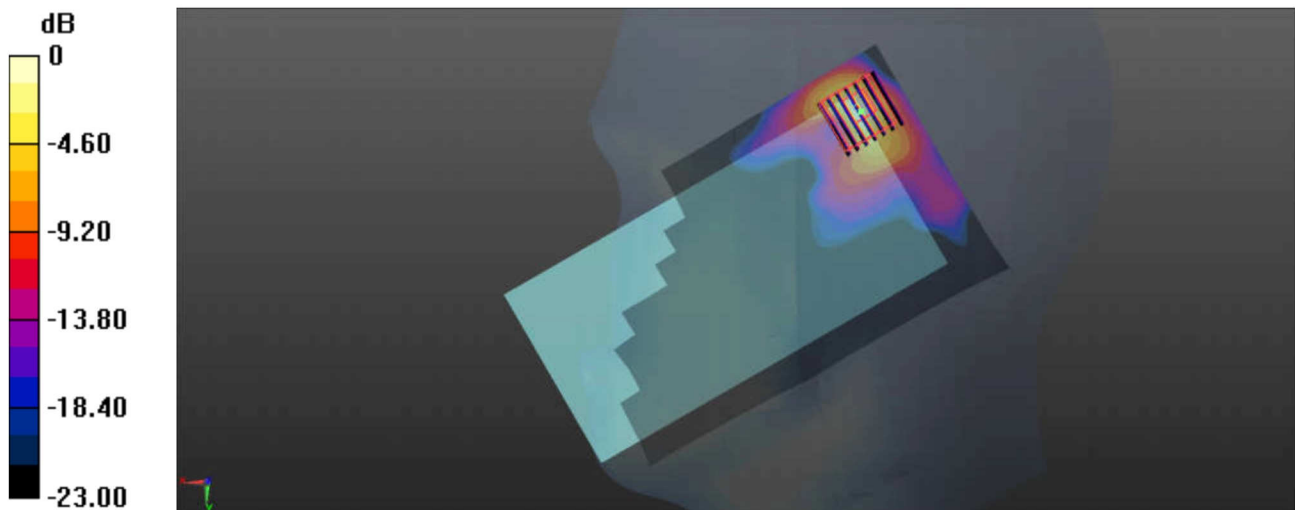
Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_5000 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.104$  S/m;  $\epsilon_r = 36.731$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.59, 4.59, 4.59); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.72 W/kg

**Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 4.055 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 4.27 W/kg  
**SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.282 W/kg**  
Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.72 W/kg = 4.35 dBW/kg

**15\_WLAN5.8GHz\_802.11a 6Mbps\_Right Cheek\_0mm\_Ch157**

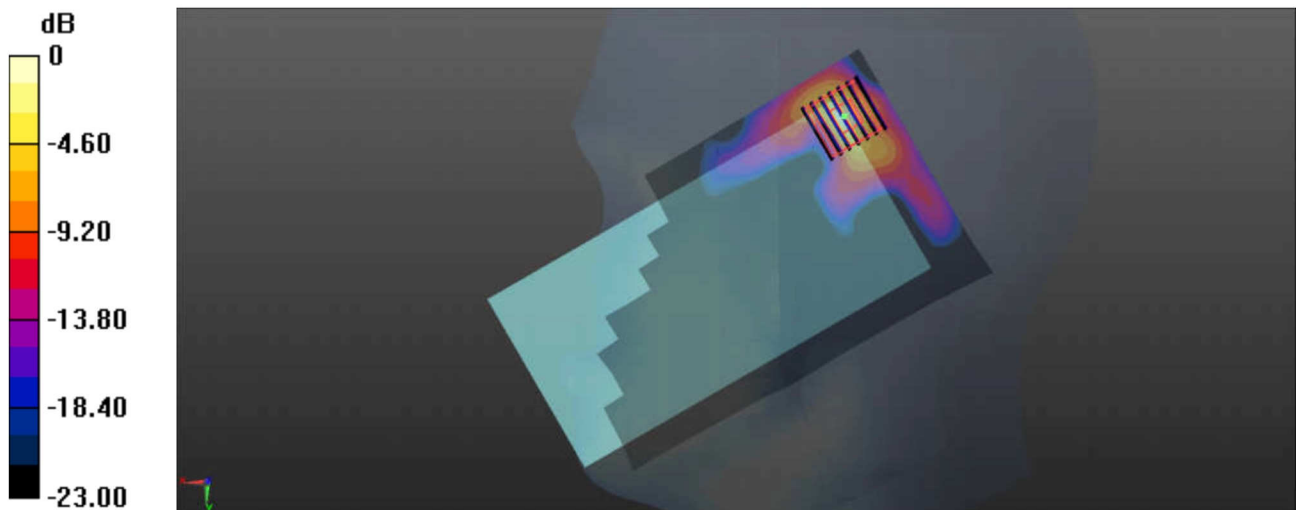
Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1.018  
 Medium: HSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.403$  S/m;  $\epsilon_r = 36.329$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.74, 4.74, 4.74); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.61 W/kg

**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 2.731 V/m; Power Drift = 0.02 dB  
 Peak SAR (extrapolated) = 2.79 W/kg  
**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.146 W/kg**  
 Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg



### 16\_Bluetooth\_1Mbps\_Right Cheek\_0mm\_Ch0

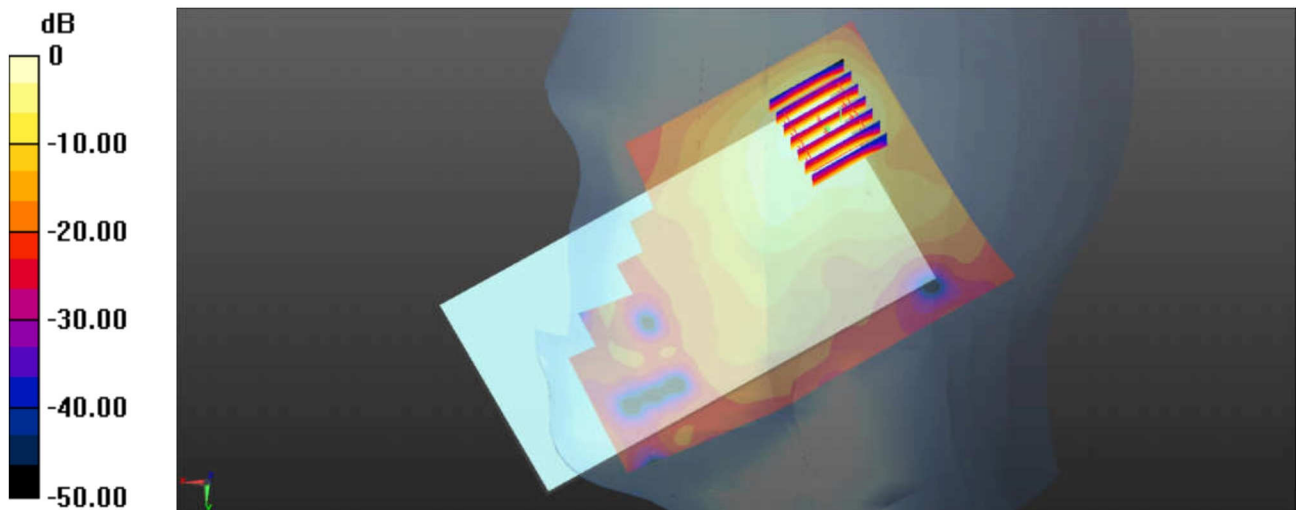
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.298  
Medium: HSL\_2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 38.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch0/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.631 W/kg

**Ch0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.261 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.741 W/kg  
**SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.206 W/kg**  
Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg

**17\_GSM850\_GPRS 3 Tx slots\_Back\_5mm\_Ch251**

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77  
 Medium: MSL\_835 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 55.026$ ;

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

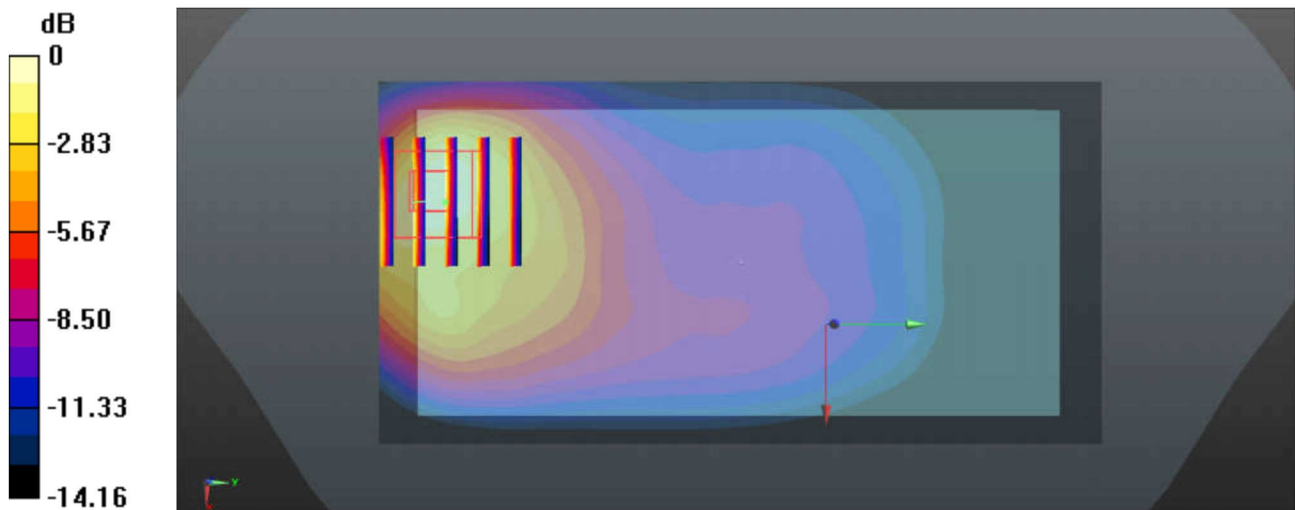
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.938 W/kg

**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 11.11 V/m; Power Drift = 0.19 dB  
 Peak SAR (extrapolated) = 1.34 W/kg  
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.375 W/kg**  
 Maximum value of SAR (measured) = 0.986 W/kg



0 dB = 0.938 W/kg = -0.28 dBW/kg

**18\_GSM1900\_GPRS 4 Tx slots\_Bottom Side\_5mm\_Ch661**

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.486$  S/m;  $\epsilon_r = 52.848$ ;

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

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.933 W/kg

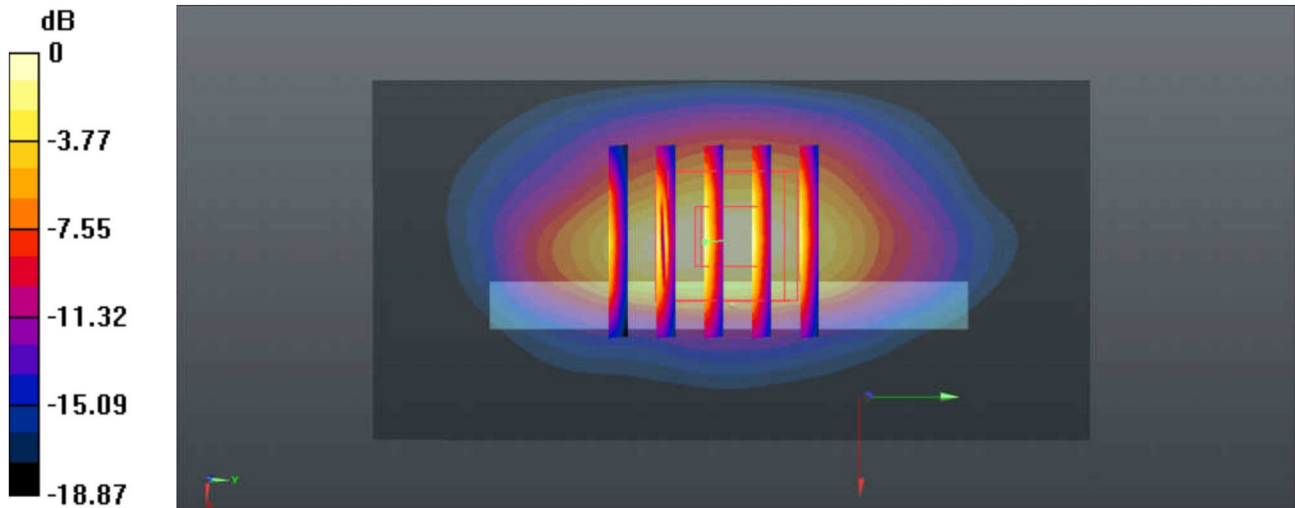
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.97 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.330 W/kg**

Maximum value of SAR (measured) = 0.894 W/kg



0 dB = 0.933 W/kg = -0.30 dBW/kg



**19\_WCDMA Band V\_RMC12.2Kbps\_Back\_5mm\_Ch4233**

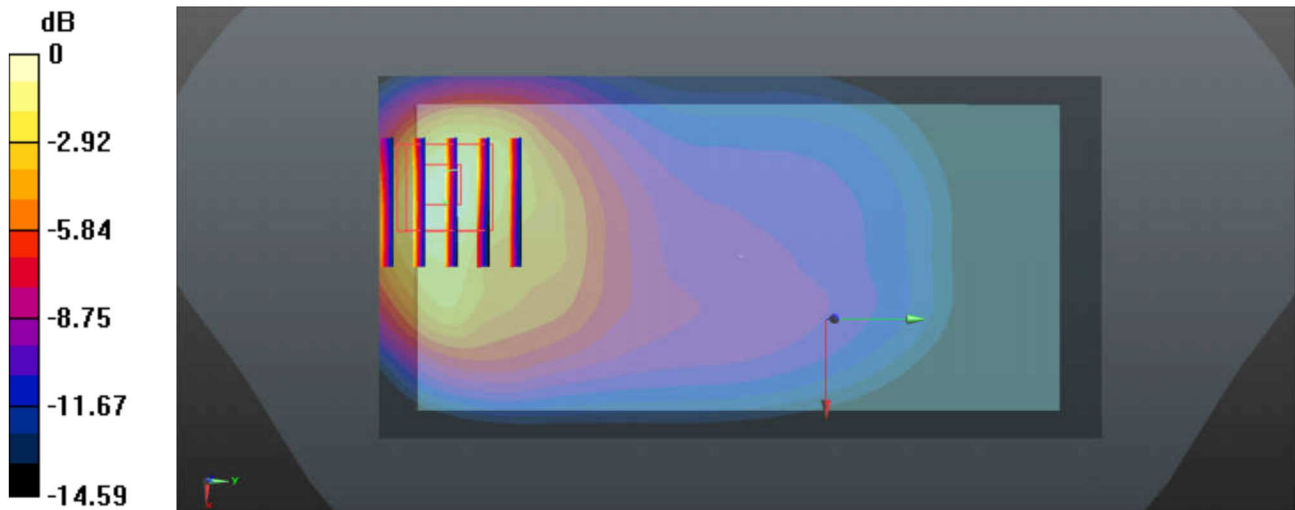
Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_835 Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.984$  S/m;  $\epsilon_r = 55.04$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4233/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.41 W/kg

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 12.98 V/m; Power Drift = 0.03 dB  
 Peak SAR (extrapolated) = 1.85 W/kg  
**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.493 W/kg**  
 Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

**20\_WCDMA Band II\_RMC12.2Kbps\_Bottom Side\_5mm\_Ch9538**

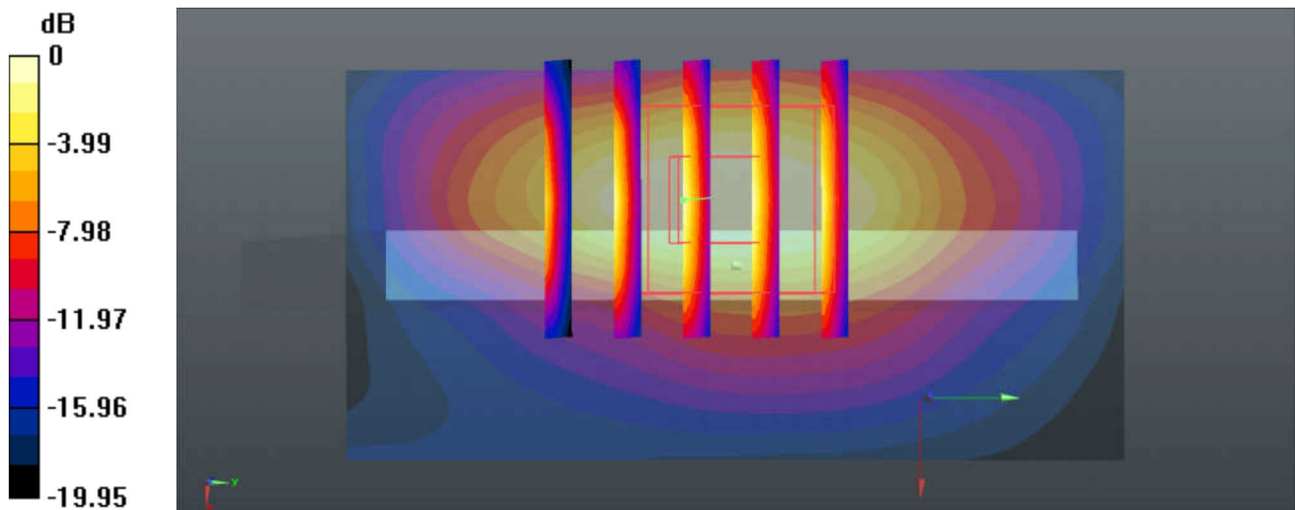
Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.799$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9538/Area Scan (31x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.978 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 19.62 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 1.19 W/kg  
**SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.347 W/kg**  
 Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.978 W/kg = -0.10 dBW/kg