

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

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_190409 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.868$  S/m;  $\epsilon_r = 42.206$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/9/24

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2018/9/19

- Phantom: SAM-Right; Type: SAM; Serial: TP-1503

- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

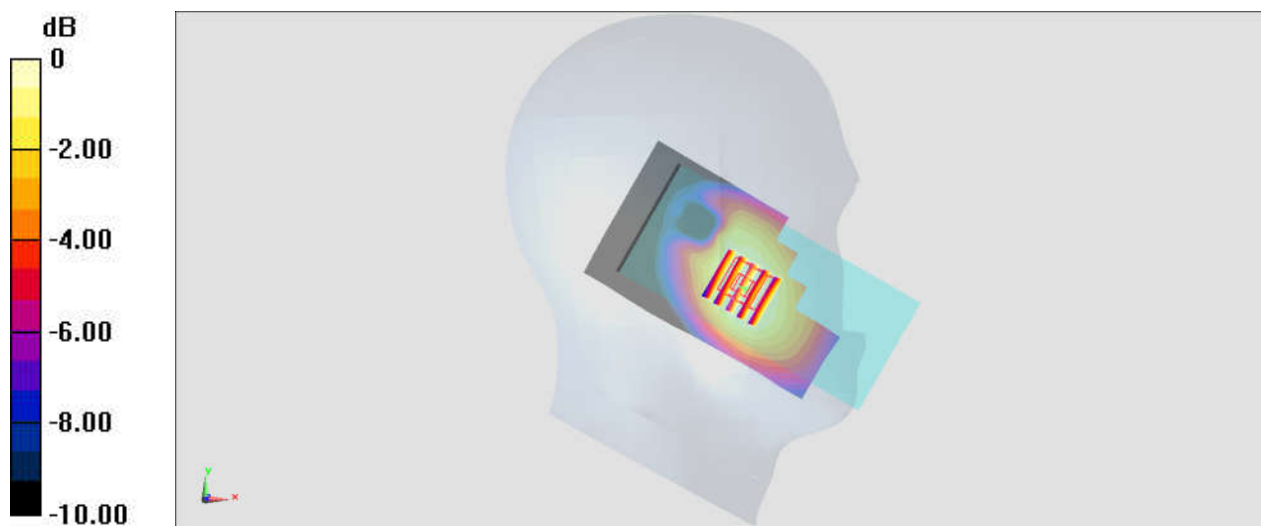
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.71 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

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

Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08

Medium: HSL\_1900\_190410 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.759$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0242 W/kg

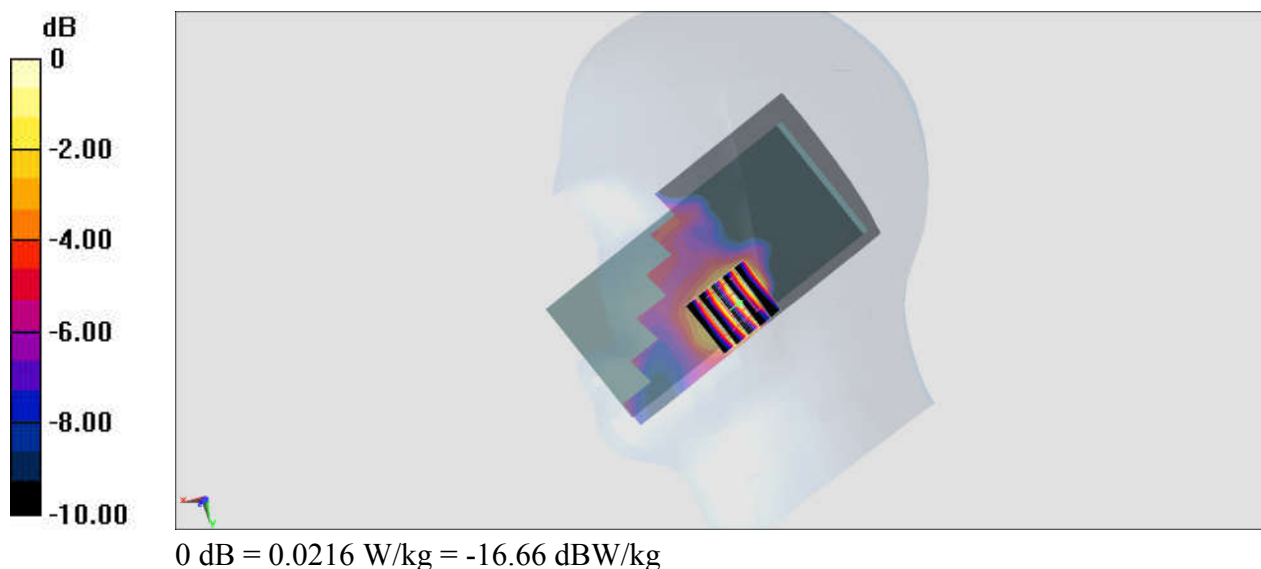
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.260 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0300 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0216 W/kg



### #03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9400

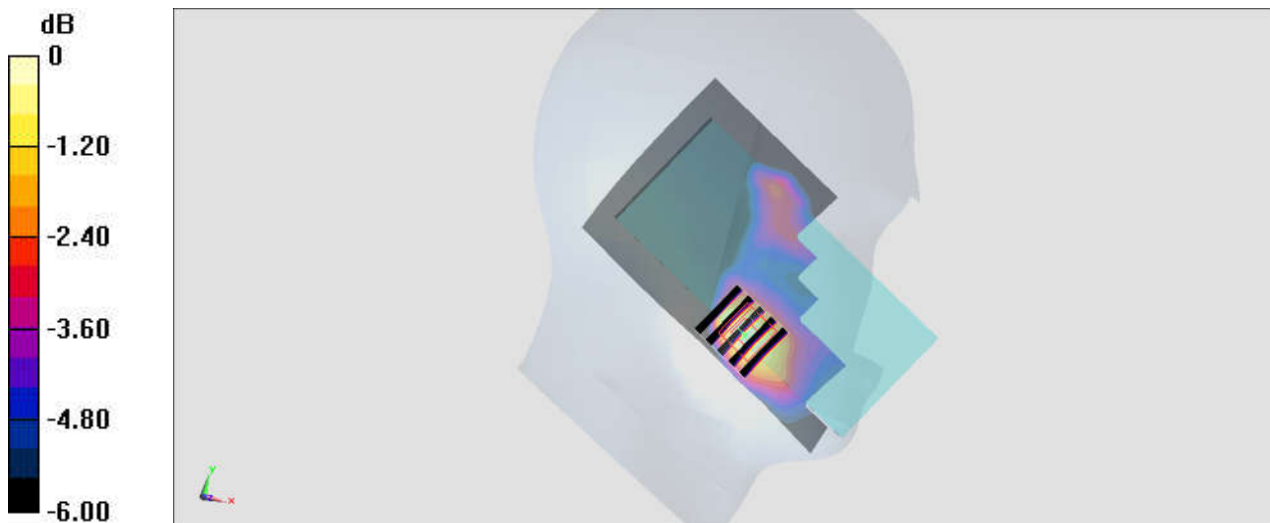
Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1  
 Medium: HSL\_1900\_190410 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.759$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0345 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 3.017 V/m; Power Drift = 0.10 dB  
 Peak SAR (extrapolated) = 0.0430 W/kg  
**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.017 W/kg**  
 Maximum value of SAR (measured) = 0.0329 W/kg



0 dB = 0.0329 W/kg = -14.83 dBW/kg

### #04\_WCDMA IV\_RMC 12.2Kbps\_Right Cheek\_Ch1413

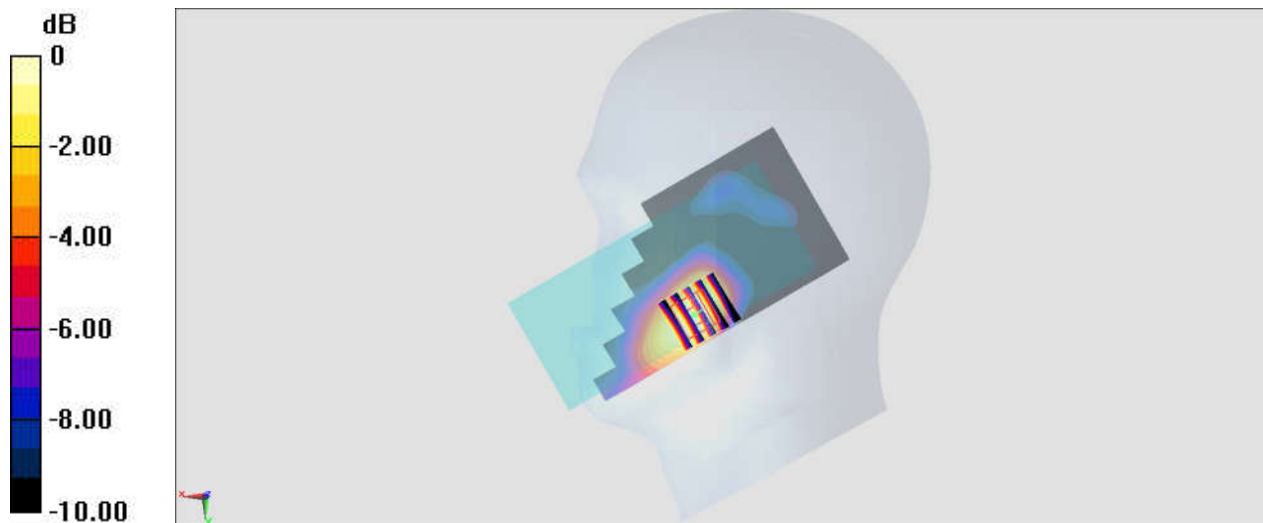
Communication System: WCDMA ; Frequency: 1732.6 MHz;Duty Cycle: 1:1  
 Medium: HSL\_1750\_190410 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.379 \text{ S/m}$ ;  $\epsilon_r = 40.204$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.42, 5.42, 5.42) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.252 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $10.63 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.293 \text{ W/kg}$   
**SAR(1 g) =  $0.203 \text{ W/kg}$ ; SAR(10 g) =  $0.131 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.235 \text{ W/kg}$



0 dB =  $0.235 \text{ W/kg} = -6.29 \text{ dBW/kg}$

### #05\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4233

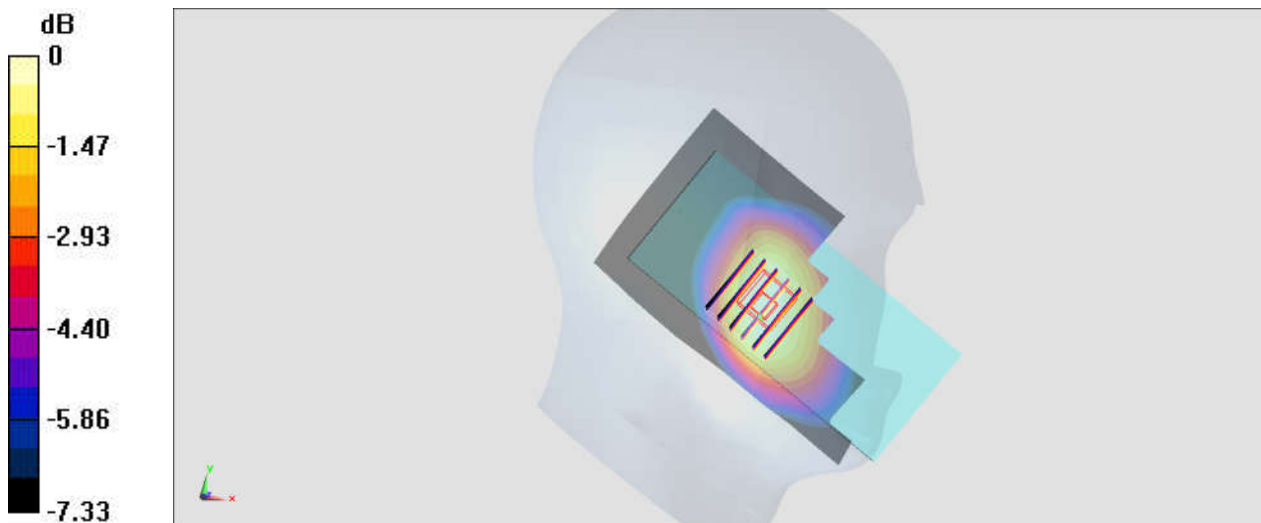
Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1  
Medium: HSL\_850\_190409 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.888 \text{ S/m}$ ;  $\epsilon_r = 41.893$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.292 \text{ W/kg}$

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $18.73 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$   
Peak SAR (extrapolated) =  $0.342 \text{ W/kg}$   
**SAR(1 g) =  $0.267 \text{ W/kg}$ ; SAR(10 g) =  $0.202 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.287 \text{ W/kg}$



0 dB =  $0.287 \text{ W/kg}$  =  $-5.42 \text{ dBW/kg}$

**#06\_LTE Band 7\_20M\_QPSK\_1\_99\_Left Cheek\_Ch20850**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_190407 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.896$  S/m;  $\epsilon_r = 38.896$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.94, 6.94, 6.94) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0753 W/kg

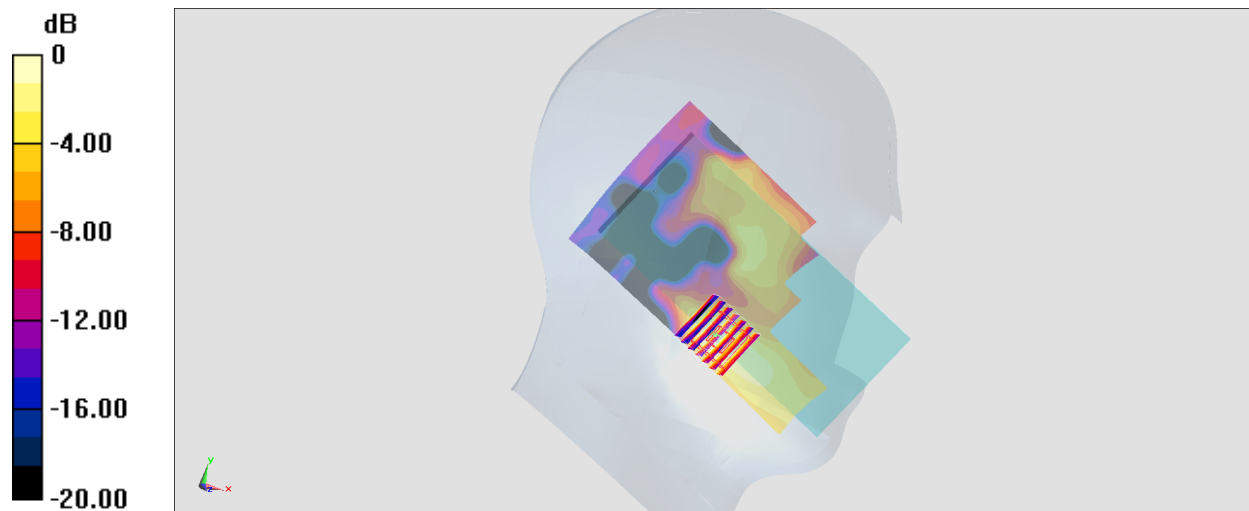
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.073 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0890 W/kg

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0695 W/kg



0 dB = 0.0753 W/kg = -11.23 dBW/kg

### #07\_LTE Band 12\_10M\_QPSK\_1\_0\_Left Cheek\_Ch23095

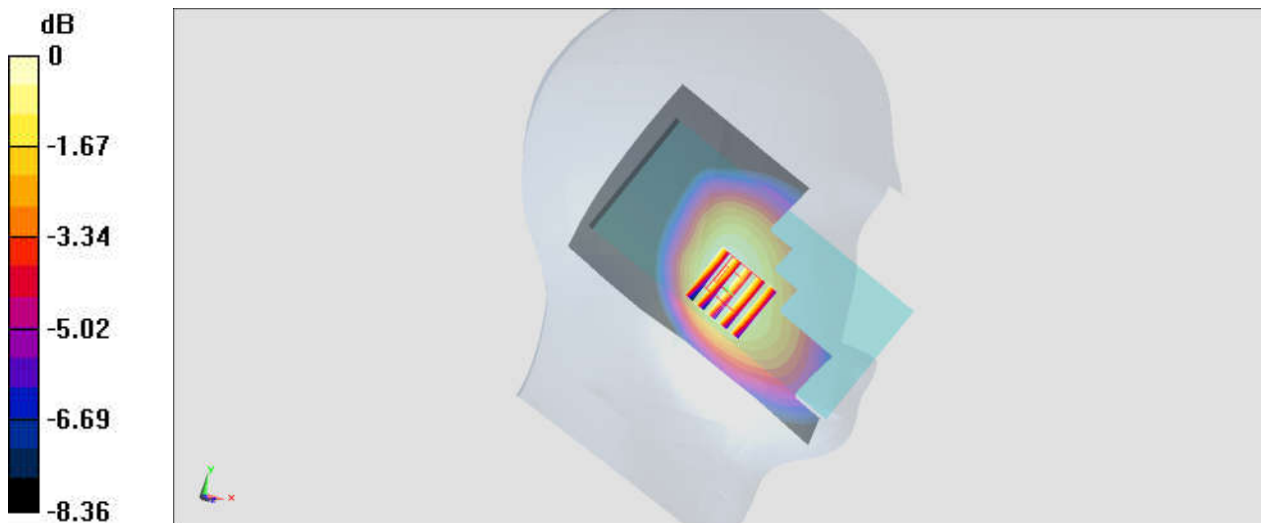
Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1  
Medium: HSL\_750\_190410 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 41.481$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.56, 6.56, 6.56) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.219 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.48 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.239 W/kg  
**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.161 W/kg**  
Maximum value of SAR (measured) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

**#08\_LTE Band 13\_10M\_QPSK\_1\_0\_Left Cheek\_Ch23230**

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL\_750\_190416 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 42.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.56, 6.56, 6.56) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

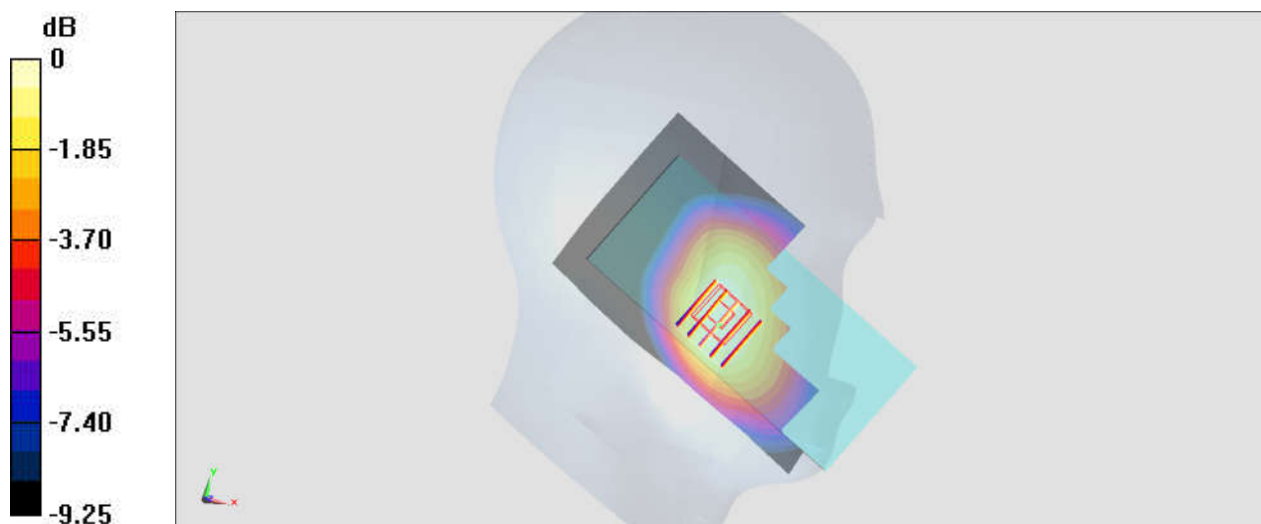
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.31 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg



**#09\_LTE Band 25\_20M\_QPSK\_1\_0\_Left Cheek\_Ch26340**

Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_190410 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.759$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) ; Calibrated: 2018/9/24

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2018/9/19

- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431

- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

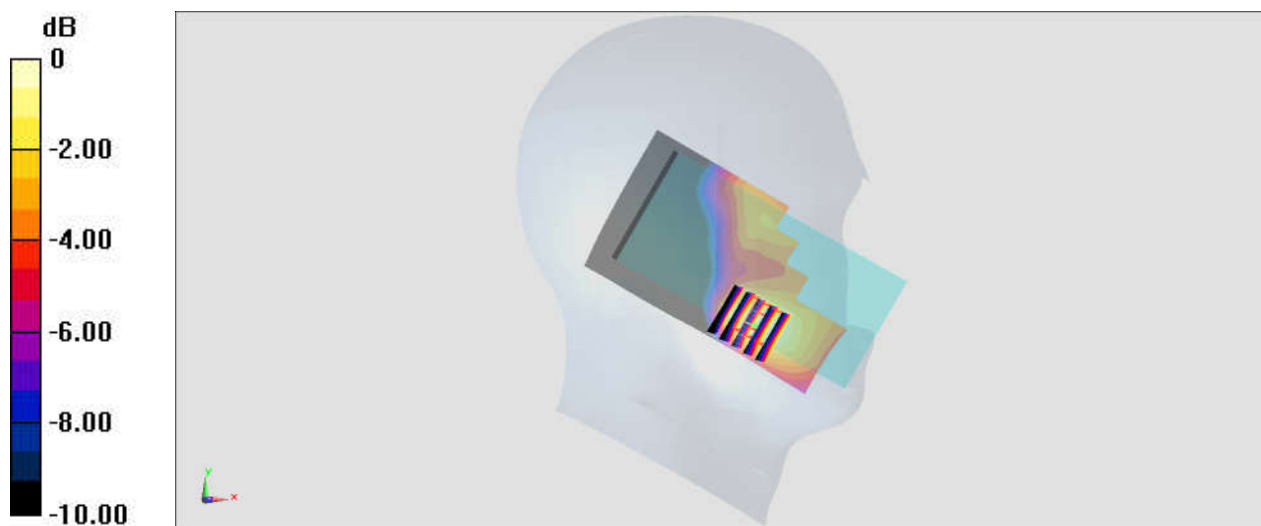
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.294 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = 0.102 W/kg = -9.91 dBW/kg

### #10\_LTE Band 26\_15M\_QPSK\_1\_0\_Left Cheek\_Ch26865

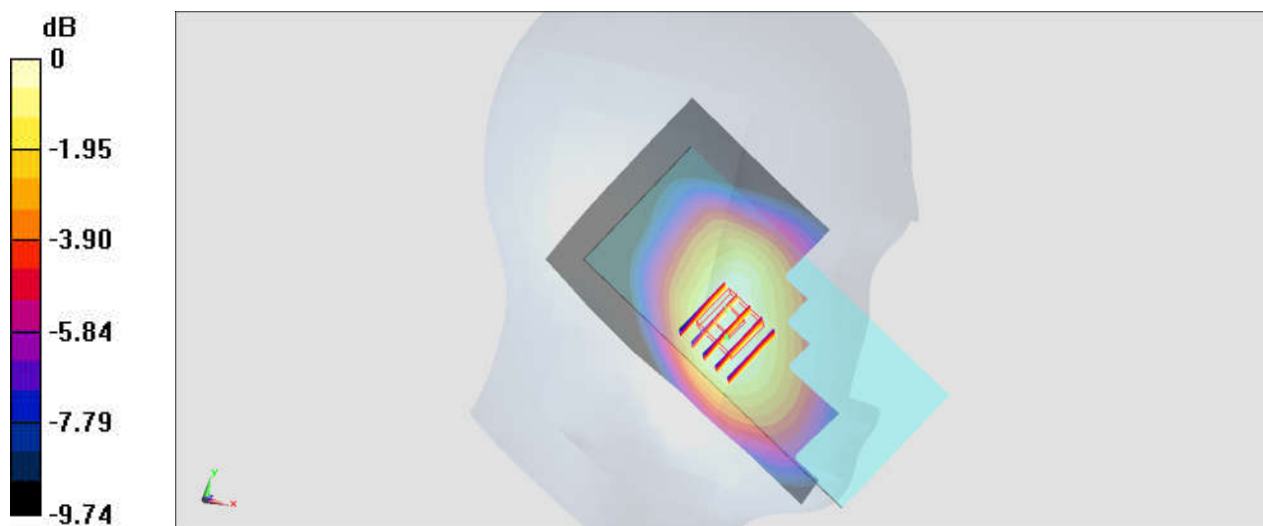
Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium: HSL\_850\_190416 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.688$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(6.39, 6.39, 6.39) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.269 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 18.08 V/m; Power Drift = -0.12 dB  
 Peak SAR (extrapolated) = 0.300 W/kg  
**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.178 W/kg**  
 Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

### #11\_LTE Band 66\_20M\_QPSK\_1\_0\_Right Cheek\_Ch132572

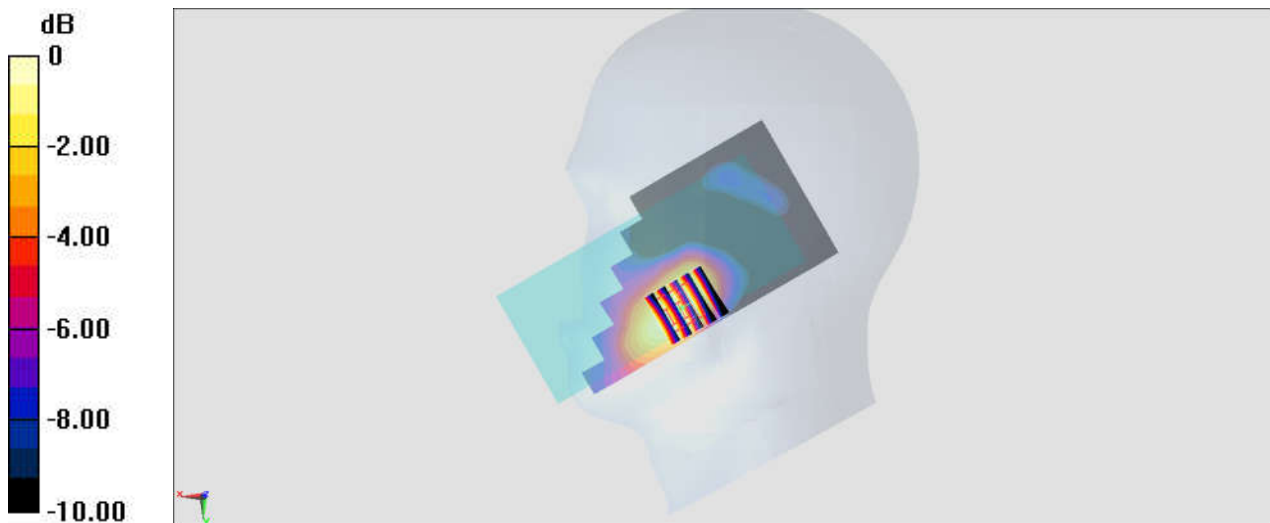
Communication System: LTE ; Frequency: 1770 MHz;Duty Cycle: 1:1  
Medium: HSL\_1750\_190410 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.414$  S/m;  $\epsilon_r = 40.078$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.42, 5.42, 5.42) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.173 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.471 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.208 W/kg  
**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.092 W/kg**  
Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

**#12\_LTE Band 41\_20M\_QPSK\_50\_0\_Left Cheek\_Ch41055**

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_190407 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.039$  S/m;  $\epsilon_r = 38.438$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.94, 6.94, 6.94); Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.0715 W/kg

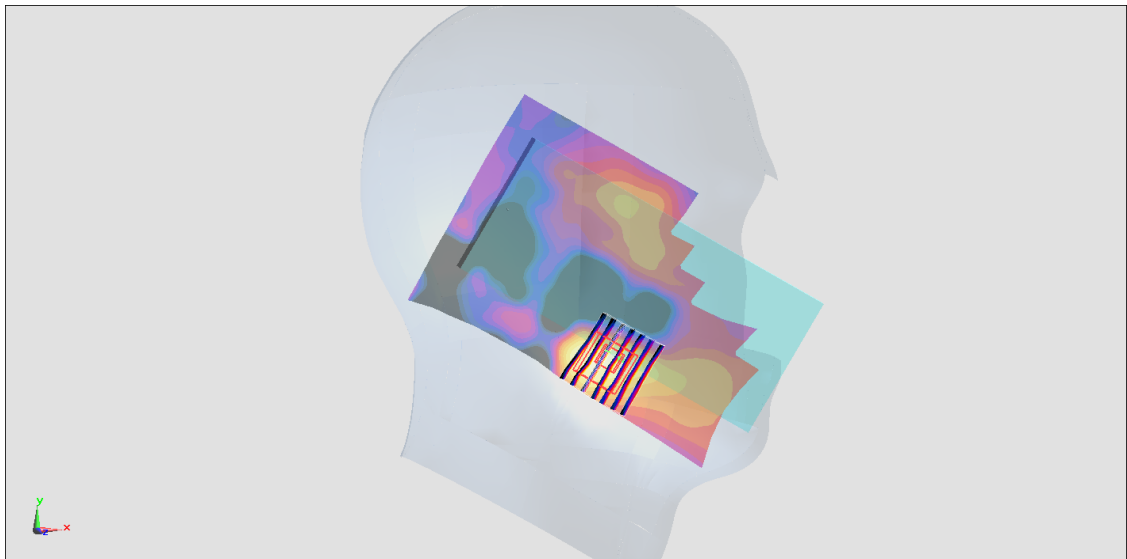
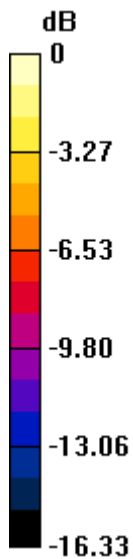
**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.968 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.0803 W/kg



0 dB = 0.0803 W/kg = -10.95 dBW/kg

**#13\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch6;Chain 0**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_190416 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.759$  S/m;  $\epsilon_r = 38.299$ ;

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2018/9/19

- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431

- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.496 W/kg

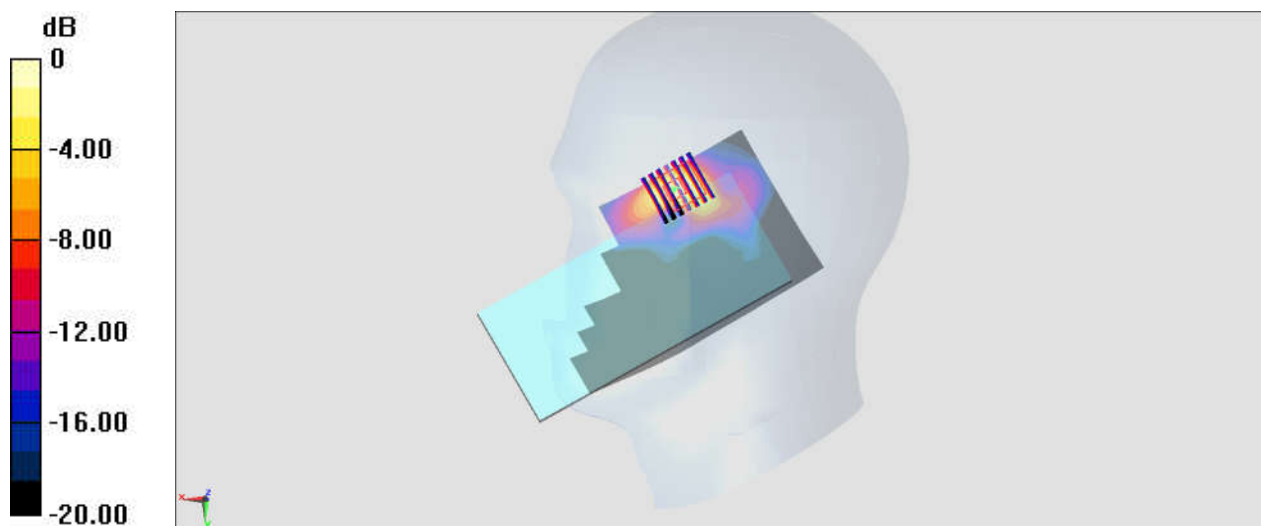
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.47 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.917 W/kg

**SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

**#14\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch58;Chain 0**

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.044

Medium: HSL\_5G\_190416 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.761$  S/m;  $\epsilon_r = 36.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.451 W/kg

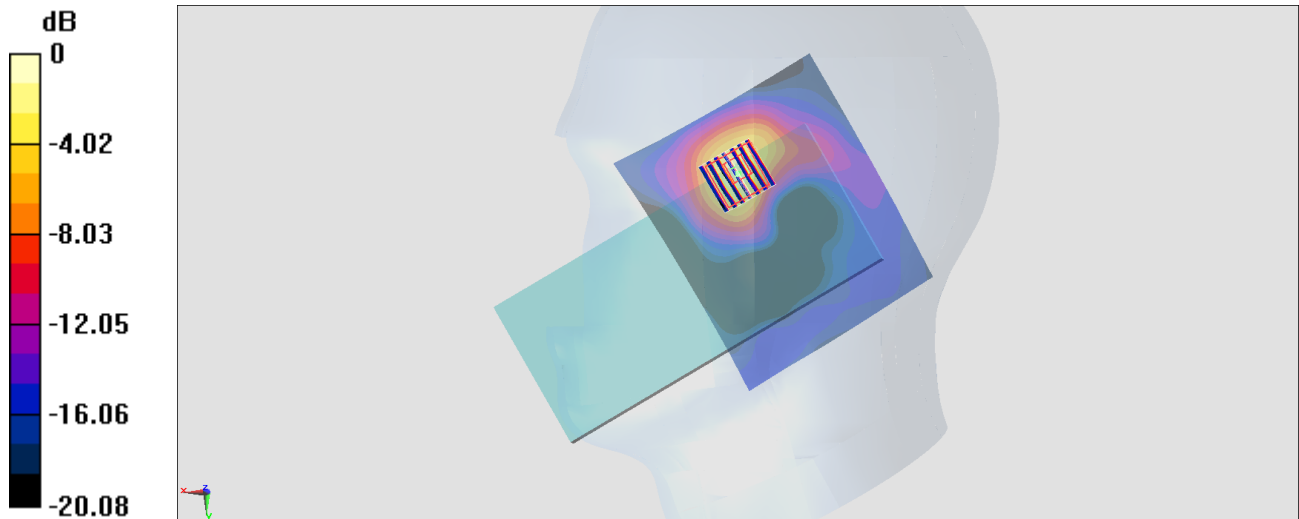
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.694 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg

**#15\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch122;Chain 0**

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.044

Medium: HSL\_5G\_190416 Medium parameters used :  $f = 5610$  MHz;  $\sigma = 5.092$  S/m;  $\epsilon_r = 36.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.2, 4.2, 4.2) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (121x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

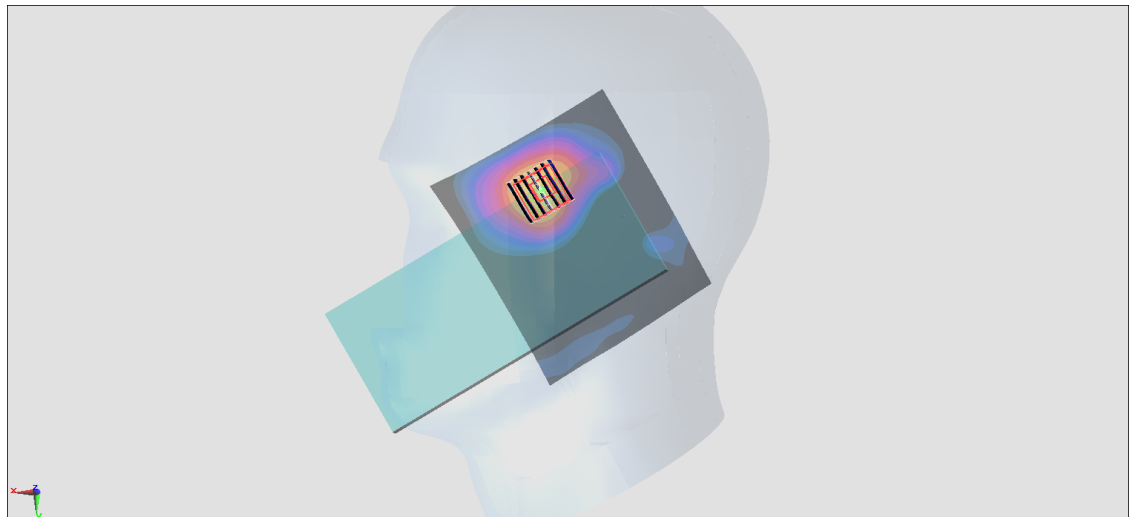
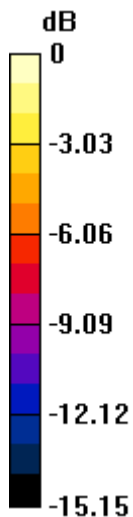
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.149 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.542 W/kg



0 dB = 0.542 W/kg = -2.66 dBW/kg

**#16\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch155;Chain 0**

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.044

Medium: HSL\_5G\_190416 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.279$  S/m;  $\epsilon_r = 35.927$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.26, 4.26, 4.26) ; Calibrated: 2019/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.200 W/kg

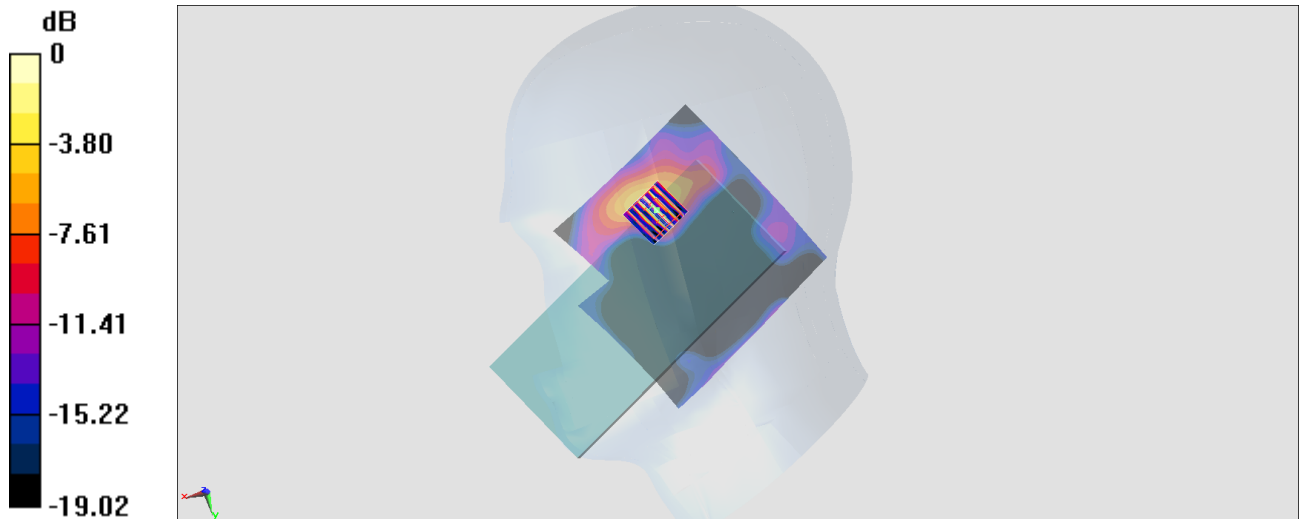
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.310 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.632 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.049 W/kg**

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg



### #17\_Bluetooth\_1Mbps\_Right Cheek\_Ch39

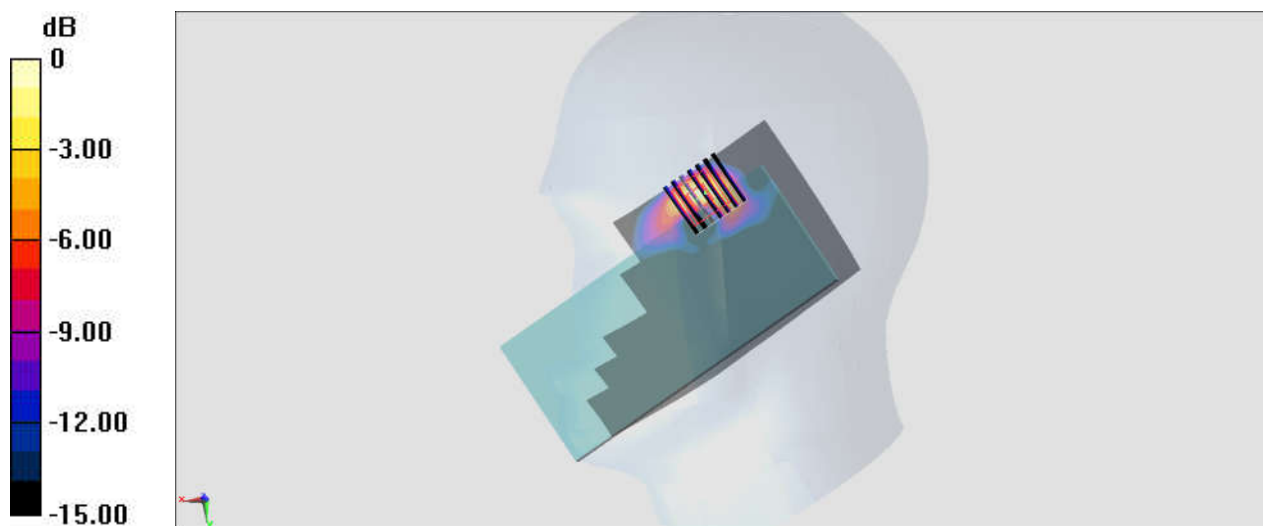
Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.305  
Medium: HSL\_2450\_190416 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.763$  S/m;  $\epsilon_r = 38.29$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (81x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.156 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.642 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.362 W/kg  
**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.046 W/kg**  
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

### #18\_GSM850\_GPRS (4 Tx slots)\_Left Side\_10mm\_Ch128

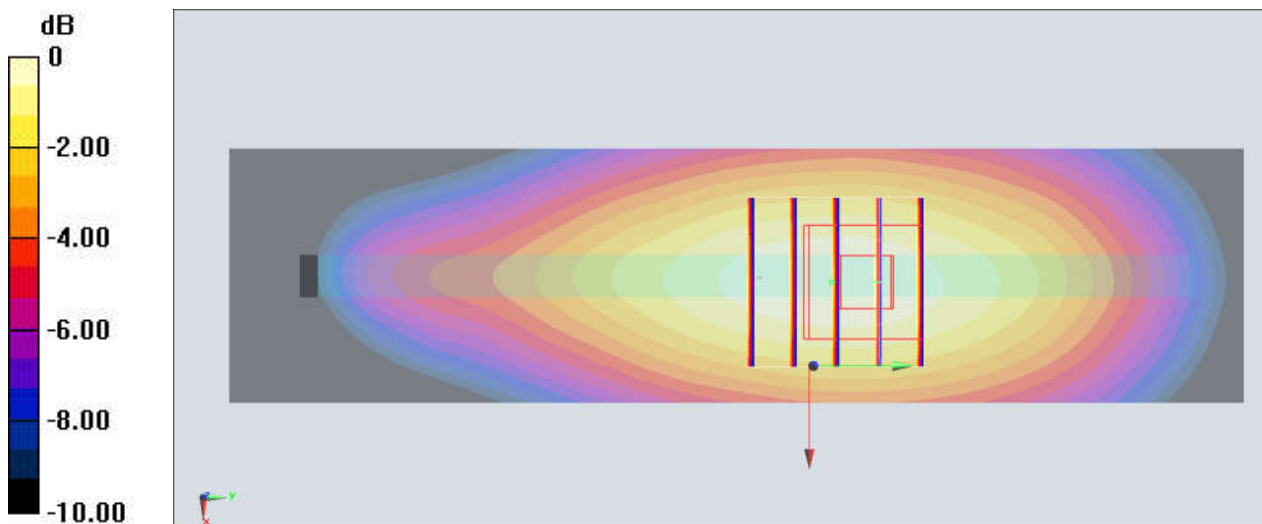
Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08  
Medium: MSL\_850\_190408 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 57.533$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.11, 6.11, 6.11) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (31x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.257 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.39 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 0.329 W/kg  
**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.156 W/kg**  
Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg

### #19\_GSM1900\_GPRS (4 Tx slots)\_Bottom Side\_10mm\_Ch661

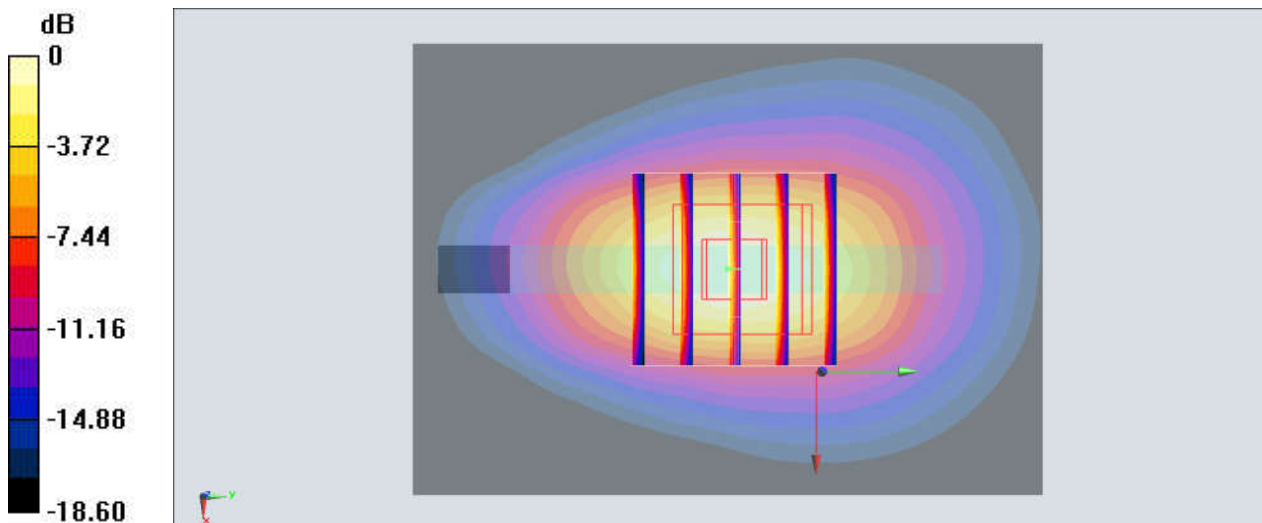
Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08  
Medium: MSL\_1900\_190411 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.206$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.964 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.92 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 1.14 W/kg  
**SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.336 W/kg**  
Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

### #20\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch9262

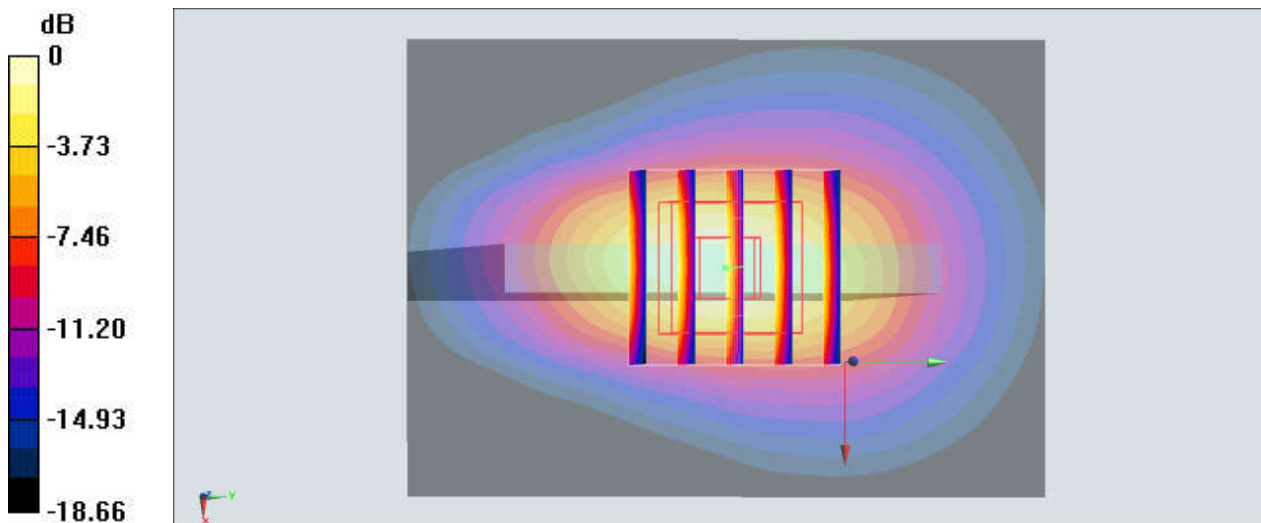
Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1  
Medium: MSL\_1900\_190411 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.48$  S/m;  $\epsilon_r = 53.304$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.27 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.27 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 1.49 W/kg  
**SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.446 W/kg**  
Maximum value of SAR (measured) = 1.09 W/kg



### #21\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1513

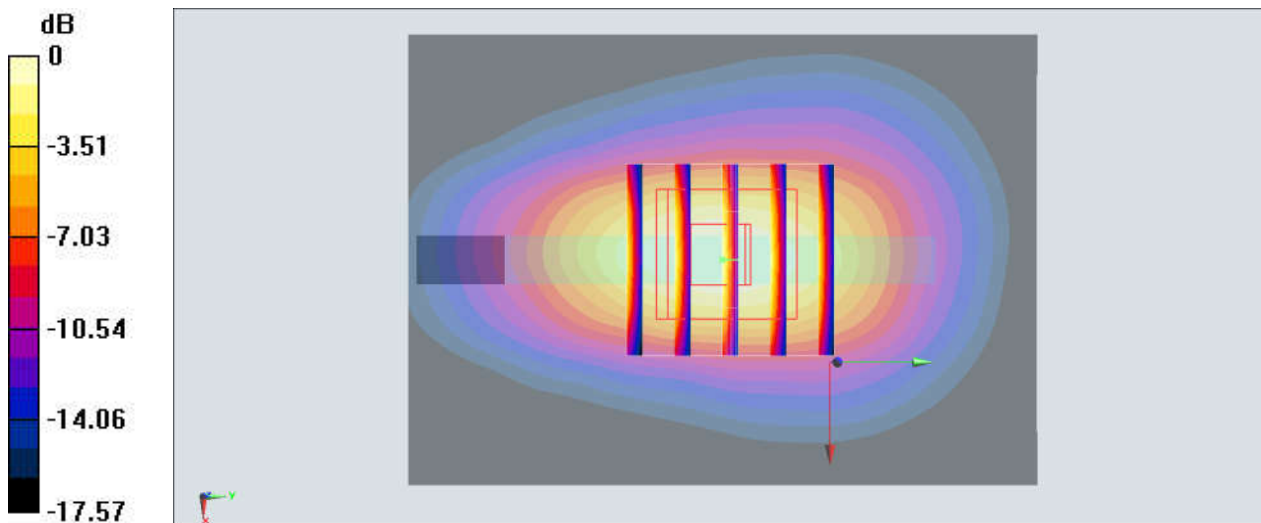
Communication System: WCDMA ; Frequency: 1752.6 MHz;Duty Cycle: 1:1  
Medium: MSL\_1750\_190411 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.48$  S/m;  $\epsilon_r = 55.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.97, 4.97, 4.97) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.23 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 27.38 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 1.40 W/kg  
**SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.445 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

### #22\_WCDMA V\_RMC 12.2Kbps\_Left Side\_10mm\_Ch4233

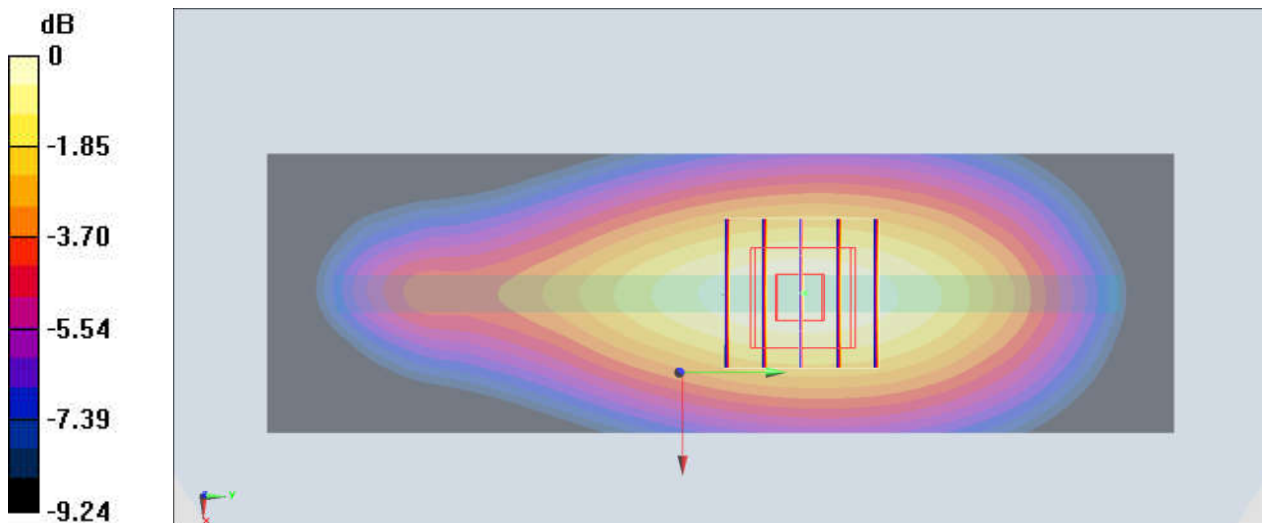
Communication System: WCDMA ; Frequency: 846.6 MHz;Duty Cycle: 1:1  
Medium: MSL\_850\_190408 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 57.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.11, 6.11, 6.11) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.366 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.91 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.456 W/kg  
**SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.222 W/kg**  
Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

## #23\_LTE Band 7\_20M\_QPSK\_1\_99\_Bottom Side\_10mm\_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_190407 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.084$  S/m;  $\epsilon_r = 53.197$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.837 W/kg

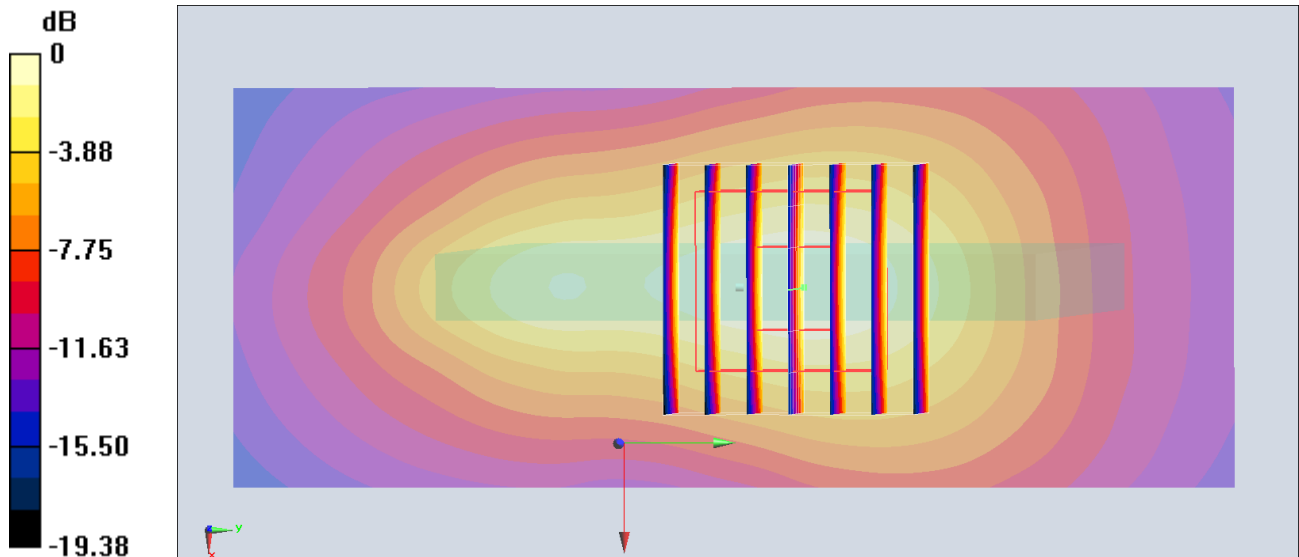
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.07 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.981 W/kg

**SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.263 W/kg**

Maximum value of SAR (measured) = 0.812 W/kg



0 dB = 0.812 W/kg = -0.90 dBW/kg

### #24\_LTE Band 12\_10M\_QPSK\_1\_0\_Left Side\_10mm\_Ch23095

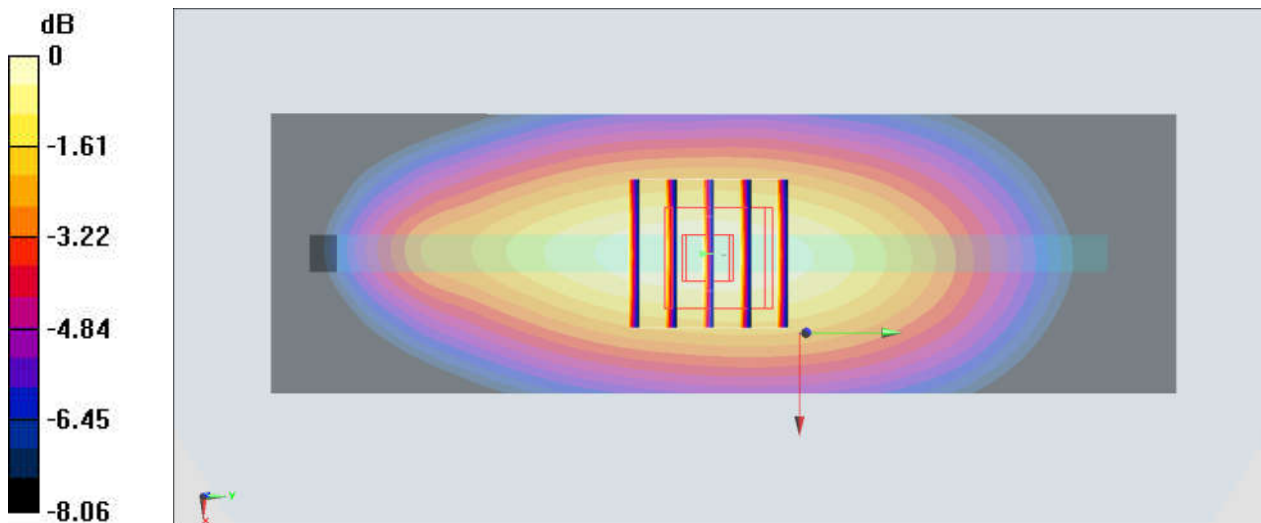
Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_750\_190409 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.938$  S/m;  $\epsilon_r = 54.764$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.29, 6.29, 6.29) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.309 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.78 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.385 W/kg  
**SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.193 W/kg**  
Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg



### #25\_LTE Band 13\_10M\_QPSK\_1\_0\_Left Side\_10mm\_Ch23230

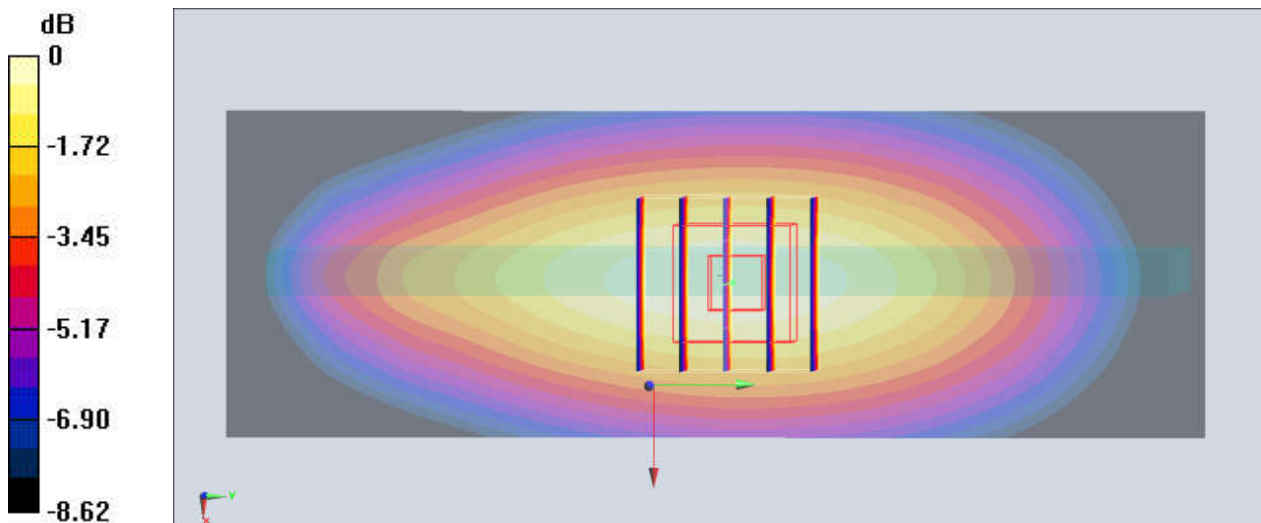
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_190409 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.006 \text{ S/m}$ ;  $\epsilon_r = 54.016$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.8 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.29, 6.29, 6.29) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.294 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $17.71 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$   
Peak SAR (extrapolated) =  $0.362 \text{ W/kg}$   
**SAR(1 g) =  $0.260 \text{ W/kg}$ ; SAR(10 g) =  $0.182 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $0.298 \text{ W/kg}$



### #26\_LTE Band 25\_20M\_QPSK\_50\_24\_Bottom Side\_10mm\_Ch26590

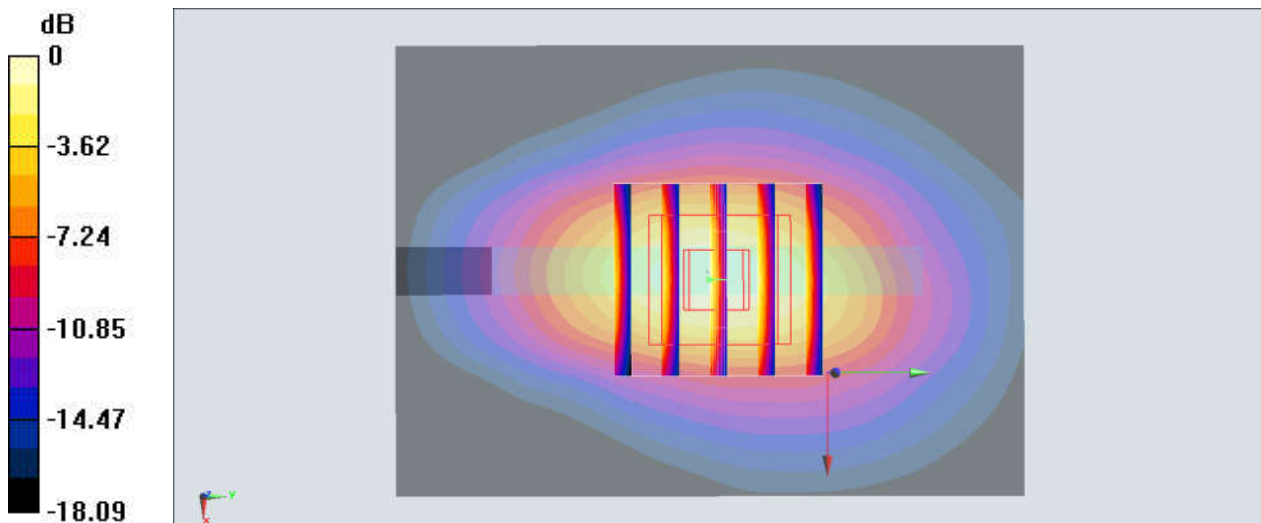
Communication System: LTE ; Frequency: 1905 MHz;Duty Cycle: 1:1  
Medium: MSL\_1900\_190411 Medium parameters used :  $f = 1905$  MHz;  $\sigma = 1.542$  S/m;  $\epsilon_r = 53.091$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.810 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 22.51 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 1.03 W/kg  
**SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.316 W/kg**  
Maximum value of SAR (measured) = 0.757 W/kg



### #27\_LTE Band 26\_15M\_QPSK\_1\_74\_Left Side\_10mm\_Ch26865

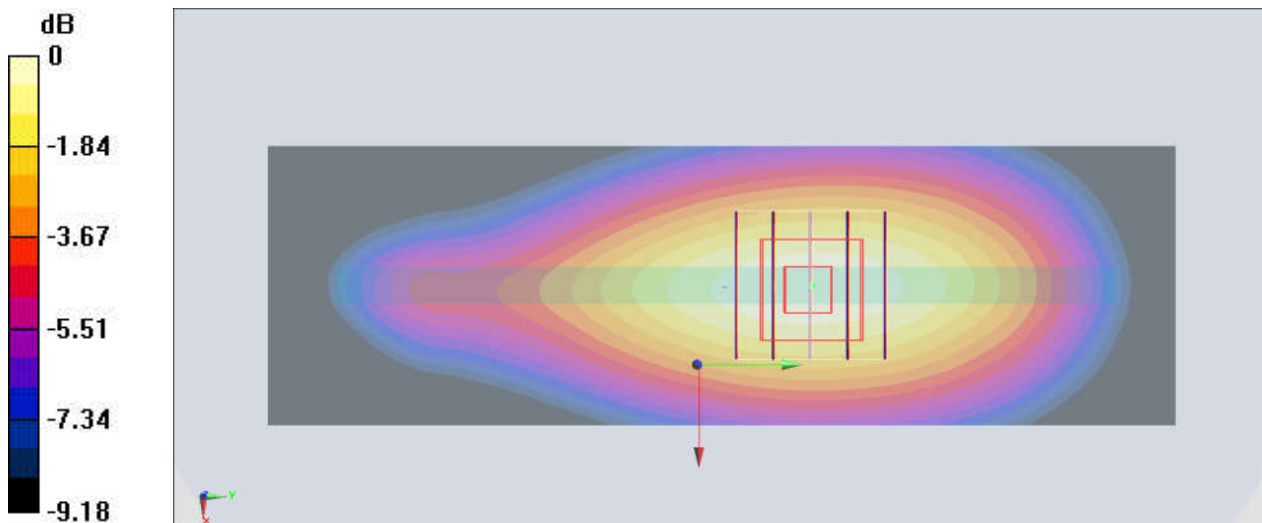
Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_850\_190408 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.982$  S/m;  $\epsilon_r = 57.506$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.11, 6.11, 6.11) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.312 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.60 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.386 W/kg  
**SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.190 W/kg**  
Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

### #28\_LTE Band 66\_20M\_QPSK\_50\_0\_Bottom Side\_10mm\_Ch132322

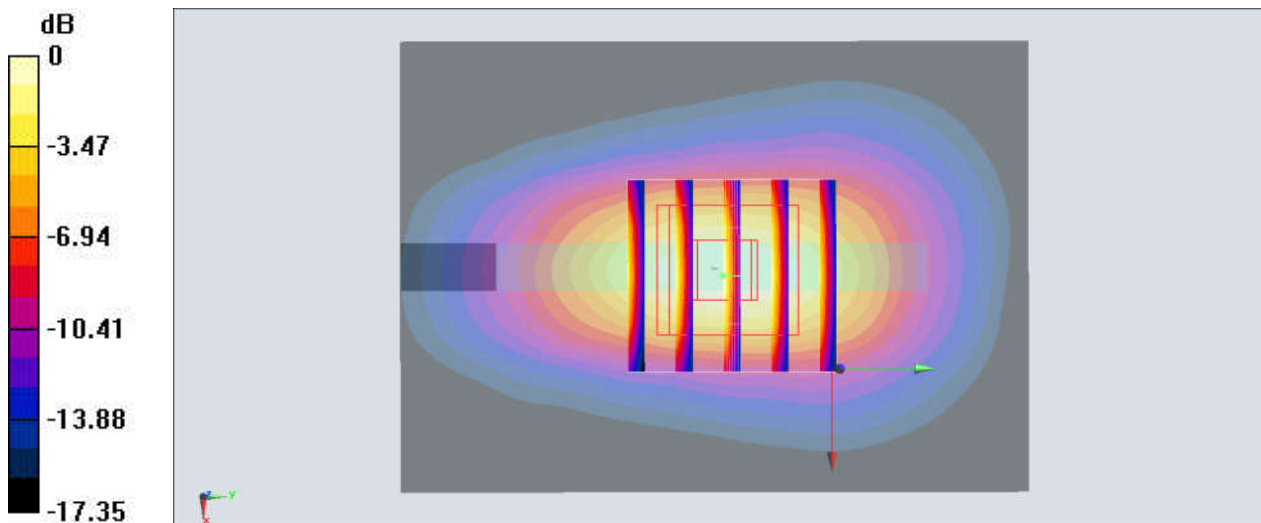
Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1  
Medium: MSL\_1750\_190411 Medium parameters used :  $f = 1745$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 55.045$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.97, 4.97, 4.97) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.01 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.20 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 1.21 W/kg  
**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.380 W/kg**  
Maximum value of SAR (measured) = 0.898 W/kg



## #29\_LTE Band 41\_20M\_QPSK\_50\_0\_Bottom Side\_10mm\_Ch41055

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_190407 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.258$  S/m;  $\epsilon_r = 52.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.493 W/kg

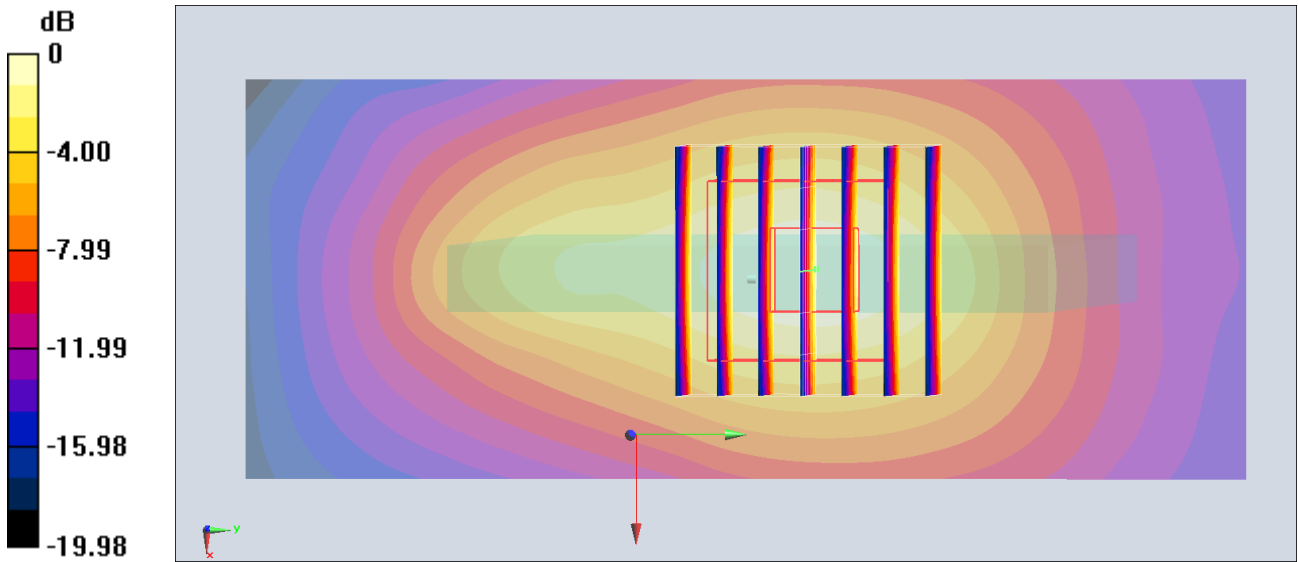
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.83 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.625 W/kg

**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

**#30\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch6;Chain 1**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_190416 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  S/m;  $\epsilon_r = 53.095$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.221 W/kg

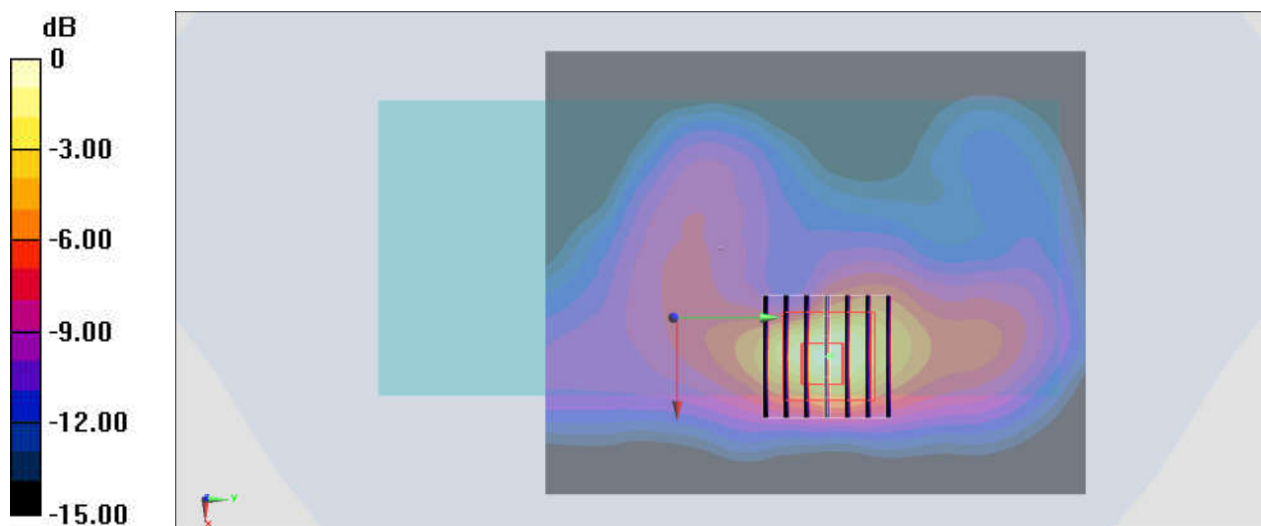
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.681 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.468 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.077 W/kg**

Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

## #31\_Bluetooth\_1Mbps\_Back\_10mm\_Ch39

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.305

Medium: MSL\_2450\_190416 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.99$  S/m;  $\epsilon_r = 53.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0451 W/kg

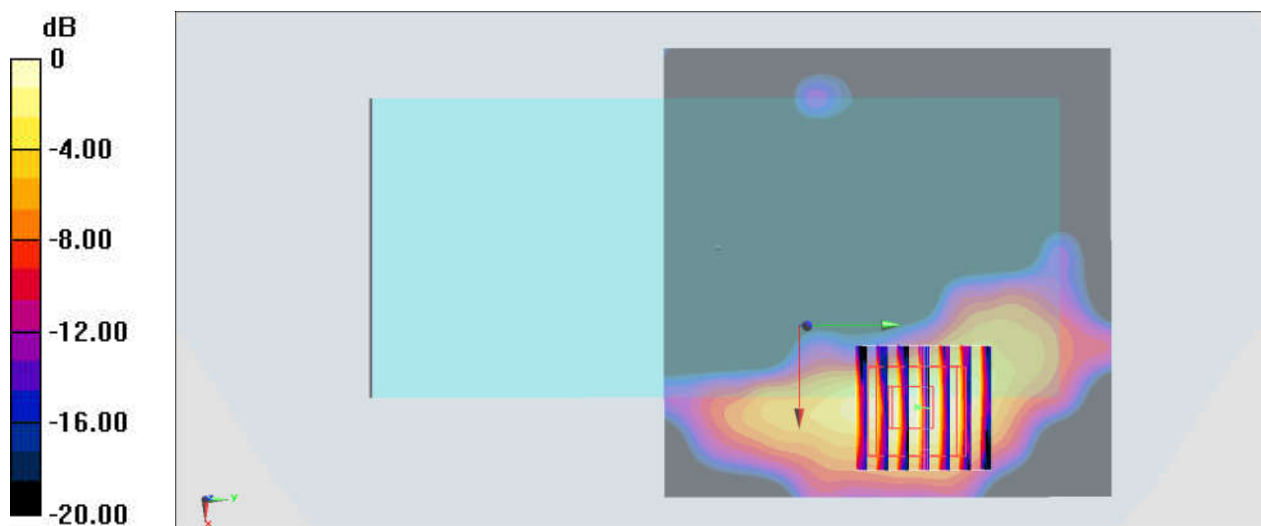
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.984 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0700 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0431 W/kg



0 dB = 0.0431 W/kg = -13.66 dBW/kg

### #32\_GSM850\_GPRS (4 Tx slots)\_Front\_15mm\_Ch128

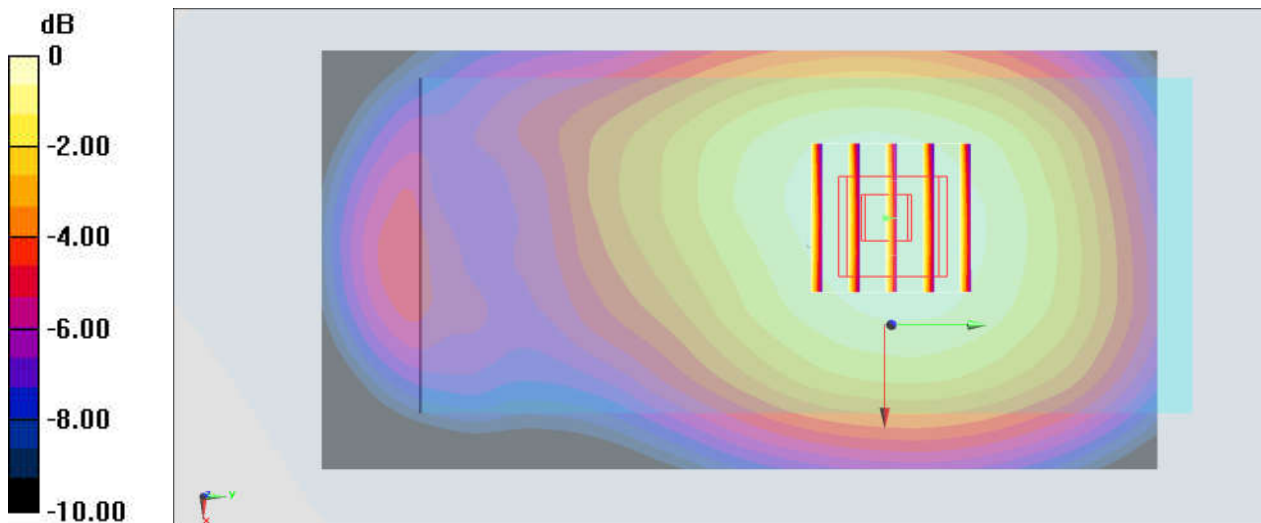
Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08  
Medium: MSL\_850\_190408 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 57.533$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.11, 6.11, 6.11) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.186 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.20 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.217 W/kg  
**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.134 W/kg**  
Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg



### #33\_GSM1900\_GPRS (4 Tx slots)\_Back\_15mm\_Ch661

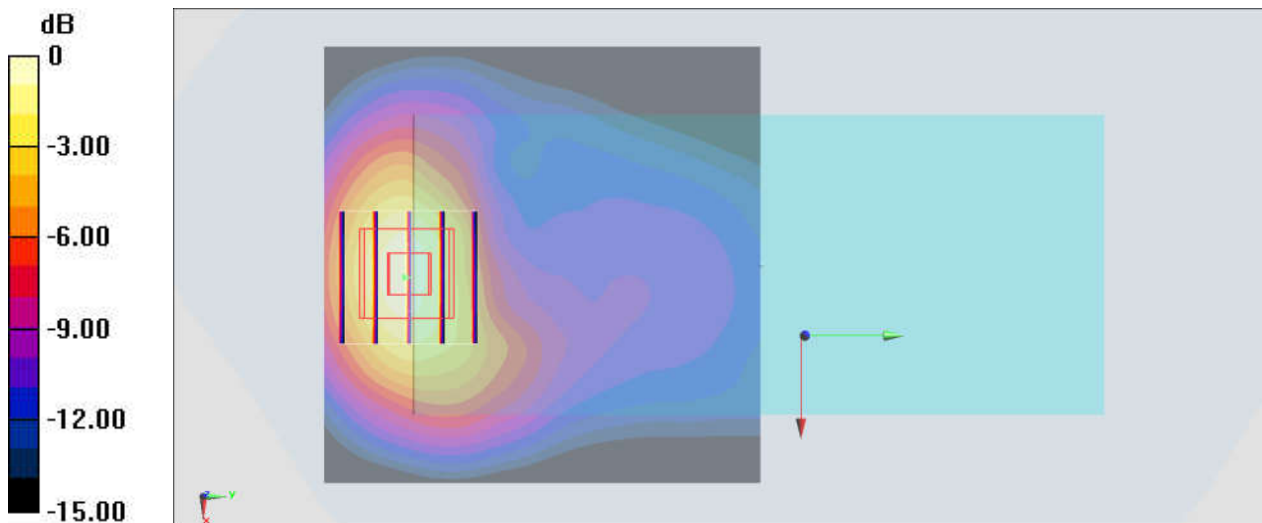
Communication System: PCS ; Frequency: 1880 MHz;Duty Cycle: 1:2.08  
Medium: MSL\_1900\_190411 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.206$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.200 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.89 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.279 W/kg  
**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.096 W/kg**  
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

### #34\_WCDMA II\_RMC 12.2Kbps\_Front\_15mm\_Ch9400

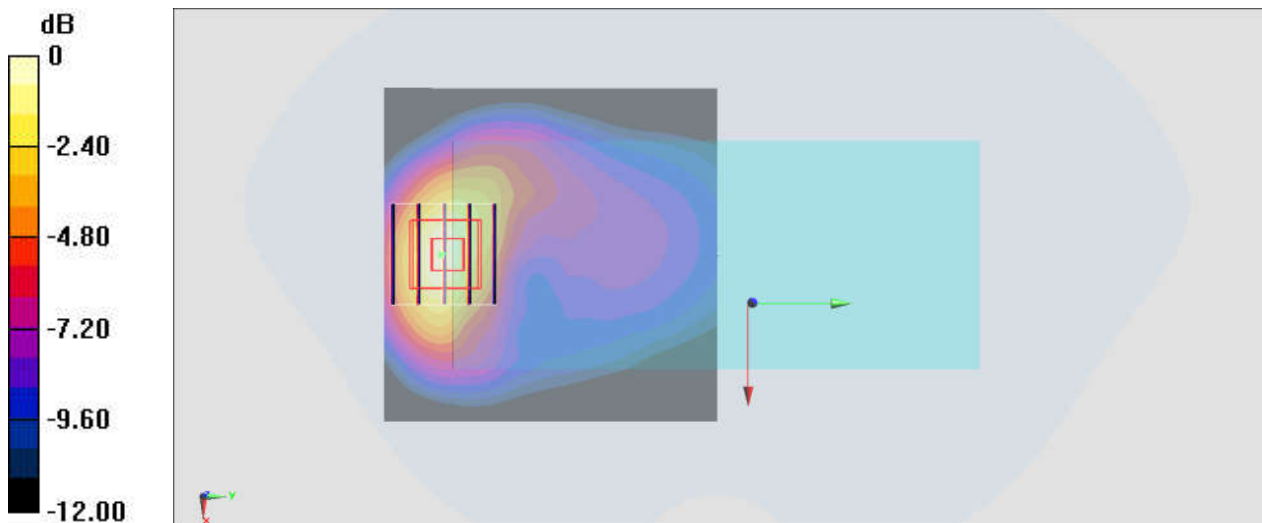
Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: MSL\_1900\_190411 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.206$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.237 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.31 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.332 W/kg  
**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.116 W/kg**  
Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

### #35\_WCDMA\_IV\_RMC\_12.2Kbps\_Back\_15mm\_Ch1413

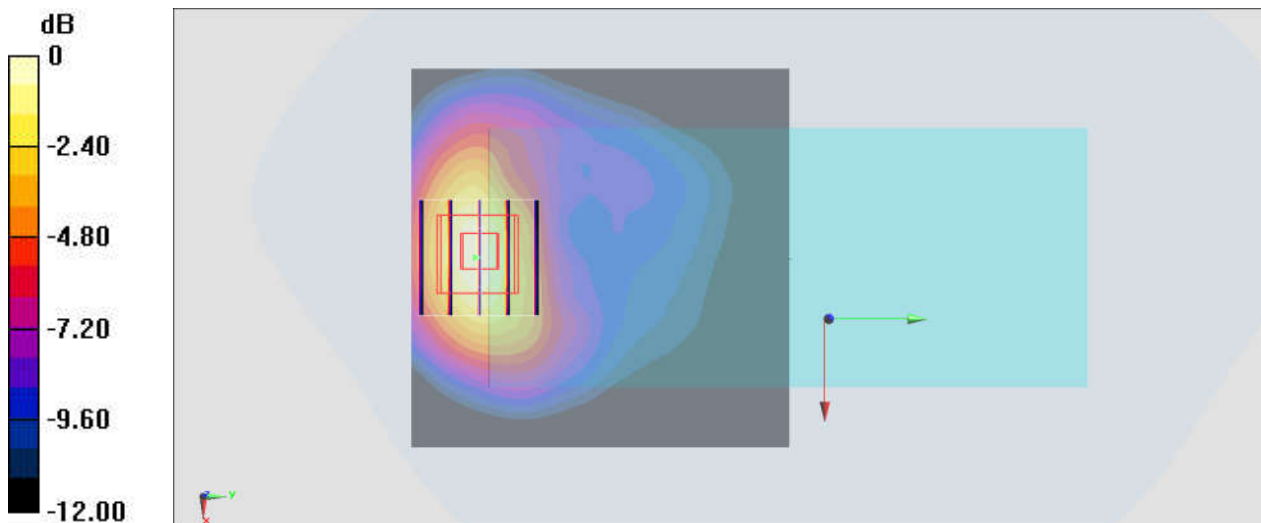
Communication System: WCDMA ; Frequency: 1732.6 MHz;Duty Cycle: 1:1  
Medium: MSL\_1750\_190411 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.46$  S/m;  $\epsilon_r = 55.067$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.97, 4.97, 4.97) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.344 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 13.61 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.471 W/kg  
**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.174 W/kg**  
Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

### #36\_WCDMA V\_RMC 12.2Kbps\_Front\_15mm\_Ch4233

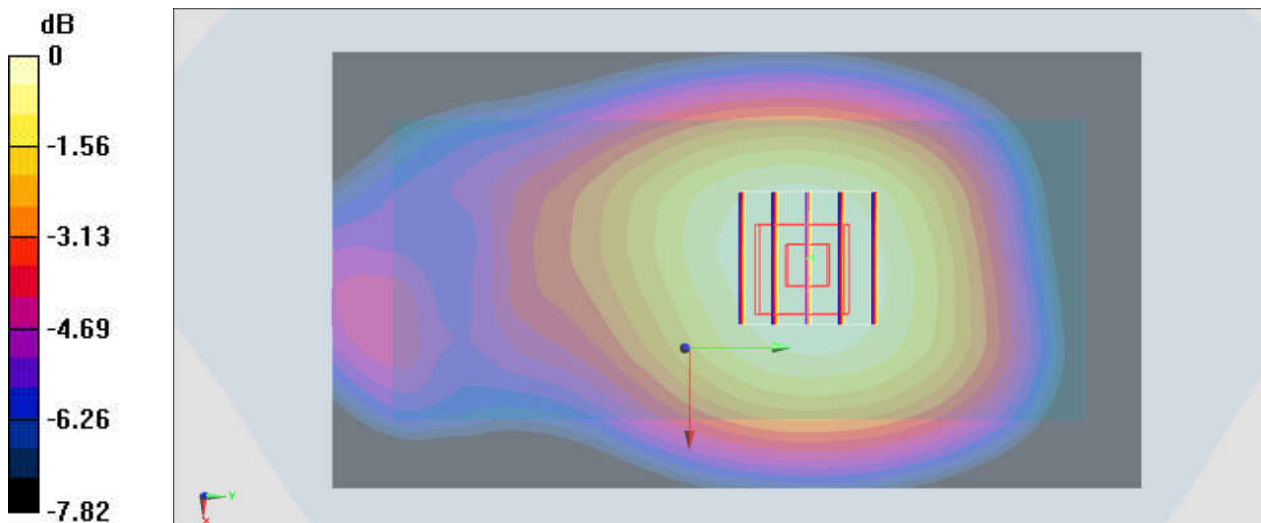
Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_190408 Medium parameters used:  $f = 847$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 57.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.11, 6.11, 6.11) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.274 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.860 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.312 W/kg  
**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.194 W/kg**  
Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

**#37\_LTE Band 7\_20M\_QPSK\_1\_99\_Back\_15mm\_Ch20850**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_190407 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.084$  S/m;  $\epsilon_r = 53.197$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.265 W/kg

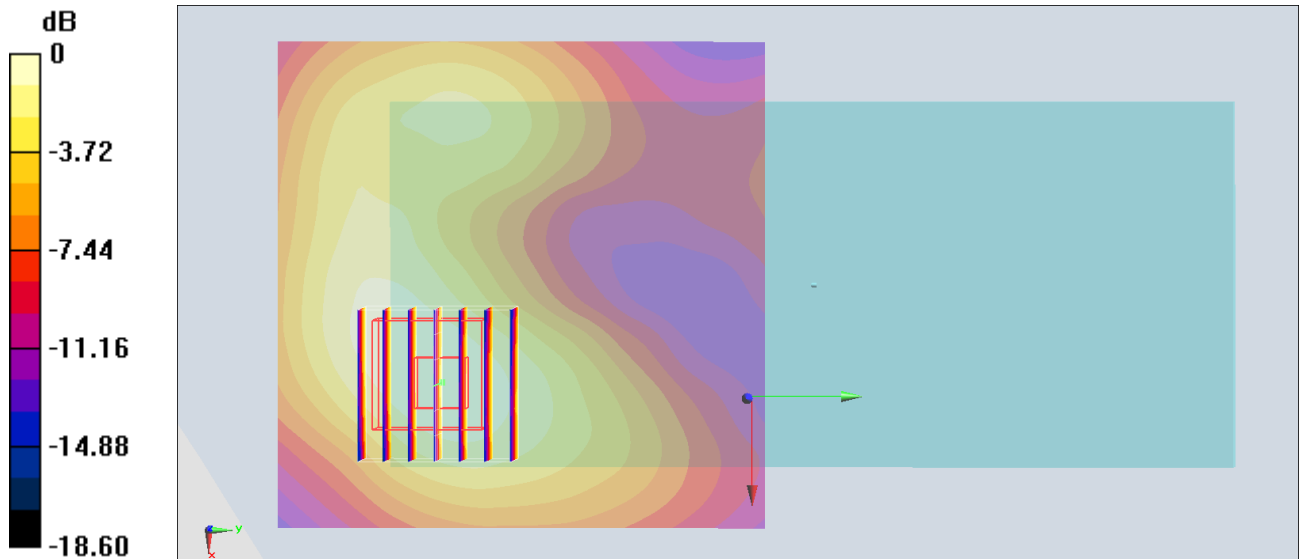
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.62 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.314 W/kg

**SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



### #38\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_15mm\_Ch23095

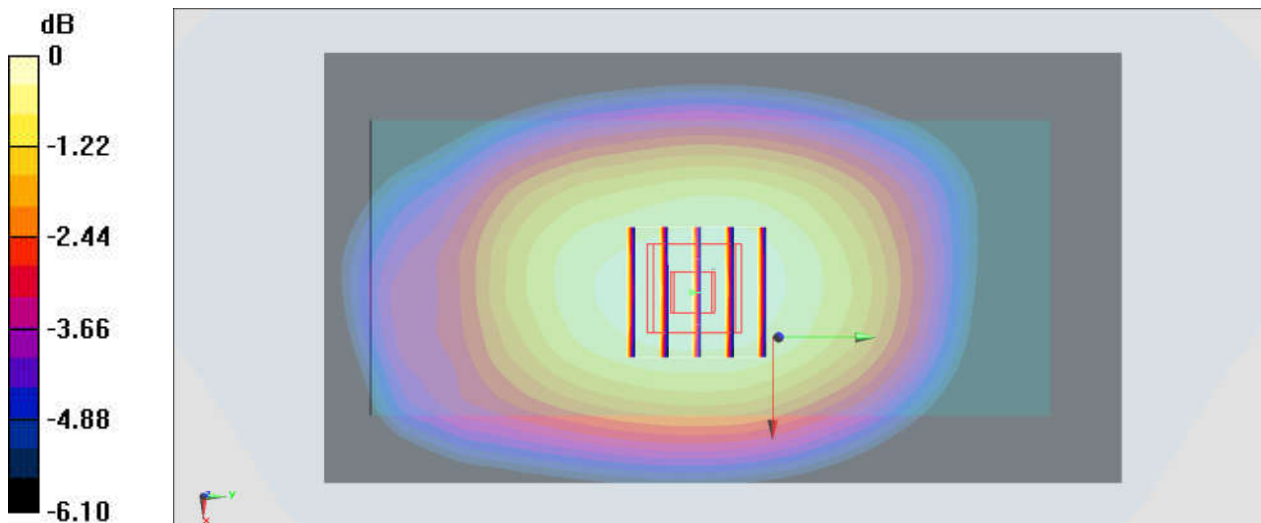
Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_750\_190409 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.938$  S/m;  $\epsilon_r = 54.764$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.29, 6.29, 6.29) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.257 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.11 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.290 W/kg  
**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.194 W/kg**  
Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

### #39\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_15mm\_Ch23230

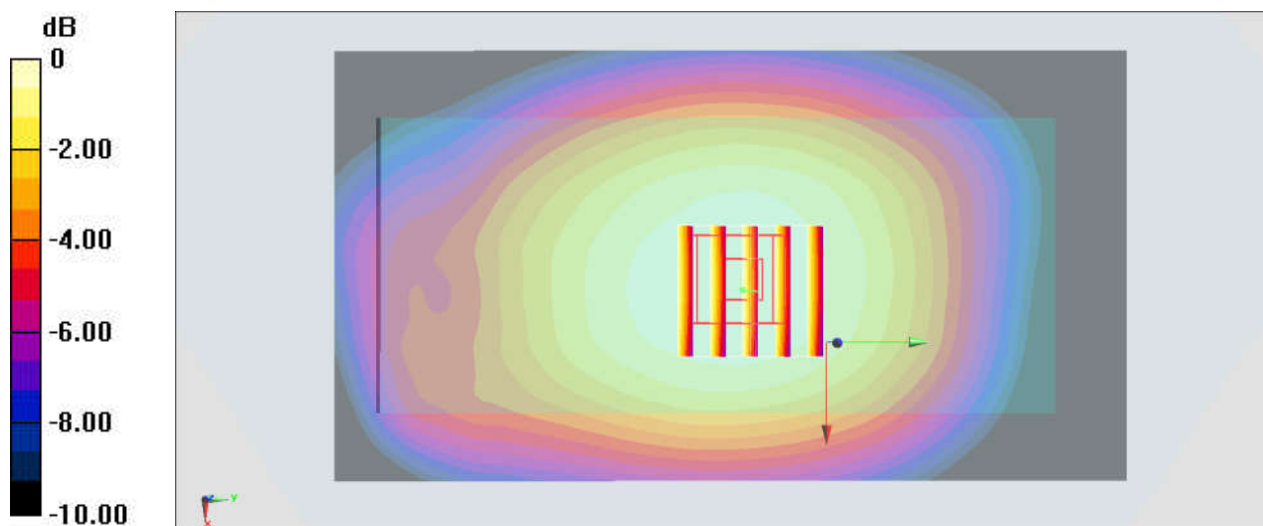
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750\_190409 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.006 \text{ S/m}$ ;  $\epsilon_r = 54.016$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.8 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.29, 6.29, 6.29) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.219 \text{ W/kg}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $15.26 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $0.248 \text{ W/kg}$   
**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.160 W/kg**  
Maximum value of SAR (measured) =  $0.221 \text{ W/kg}$



0 dB =  $0.221 \text{ W/kg}$  =  $-6.56 \text{ dBW/kg}$

### #40\_LTE Band 25\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch26340

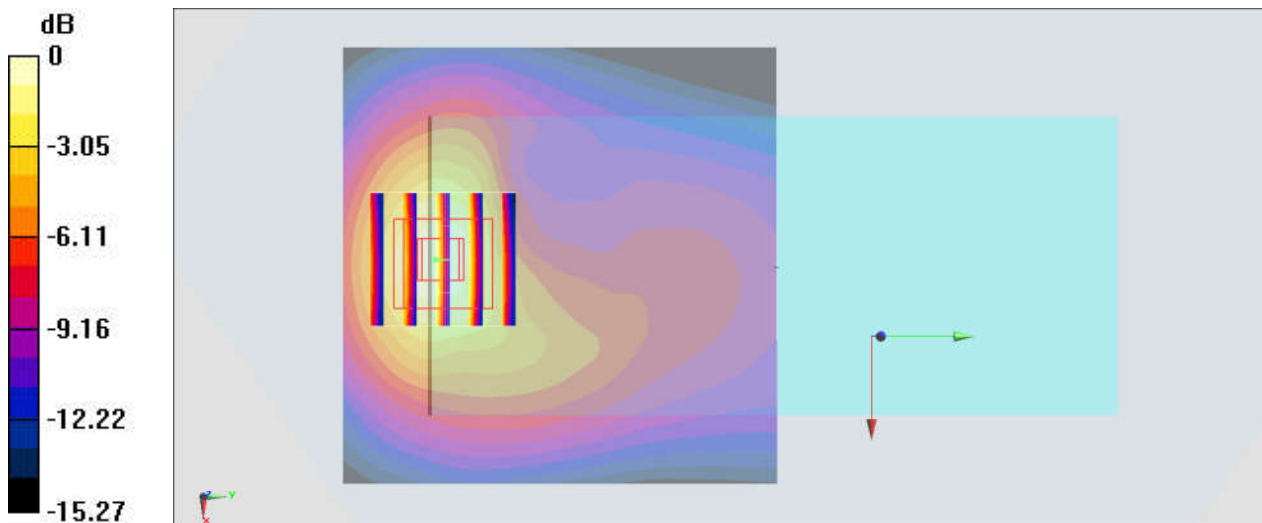
Communication System: LTE ; Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium: MSL\_1900\_190411 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.206$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.385 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.34 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 0.529 W/kg  
**SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.194 W/kg**  
Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg



### #41\_LTE Band 26\_15M\_QPSK\_1\_74\_Back\_15mm\_Ch26865

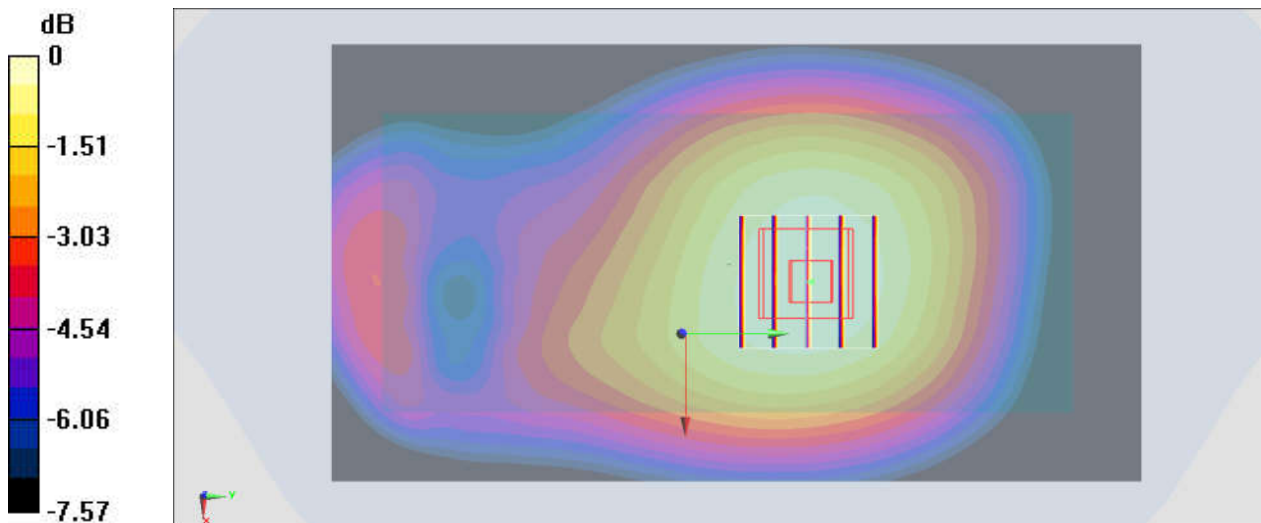
Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_850\_190408 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.982$  S/m;  $\epsilon_r = 57.506$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.11, 6.11, 6.11) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.202 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.65 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.234 W/kg  
**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.145 W/kg**  
Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

**#42\_LTE Band 66\_20M\_QPSK\_50\_0\_Back\_15mm\_Ch132072**

Communication System: LTE ; Frequency: 1720 MHz;Duty Cycle: 1:1

Medium: MSL\_1750\_190411 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.446$  S/m;  $\epsilon_r = 55.085$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.97, 4.97, 4.97) ; Calibrated: 2018/9/24

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2018/9/19

- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431

- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

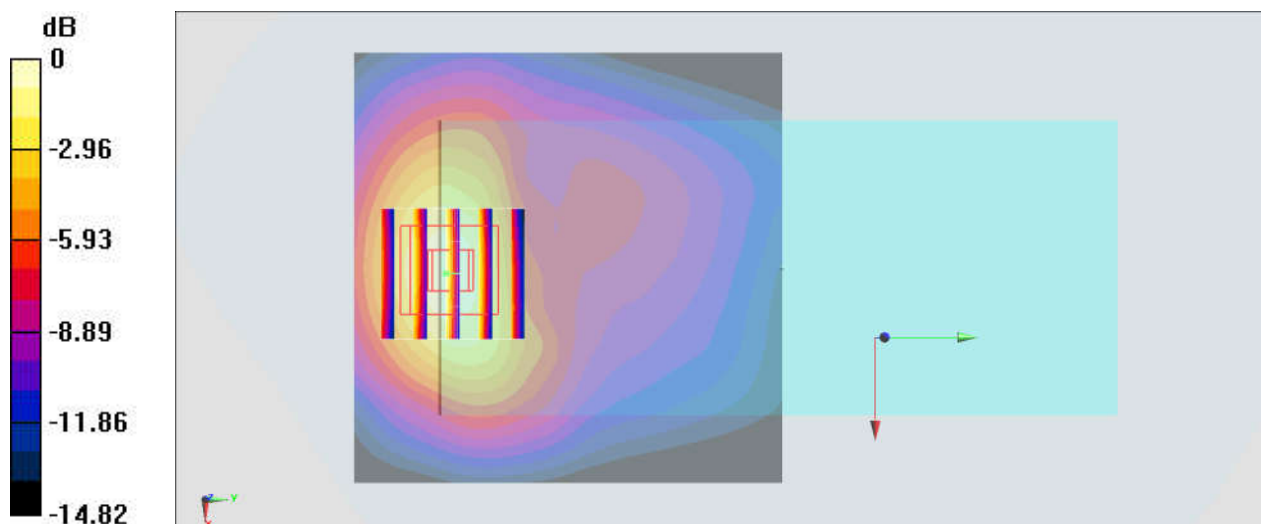
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.37 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.797 W/kg

**SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.312 W/kg**

Maximum value of SAR (measured) = 0.625 W/kg



0 dB = 0.625 W/kg = -2.04 dBW/kg

### #43\_LTE Band 41\_20M\_QPSK\_50\_0\_Back\_15mm\_Ch41055

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_190407 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.258$  S/m;  $\epsilon_r = 52.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.96, 6.96, 6.96); Calibrated: 2019/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

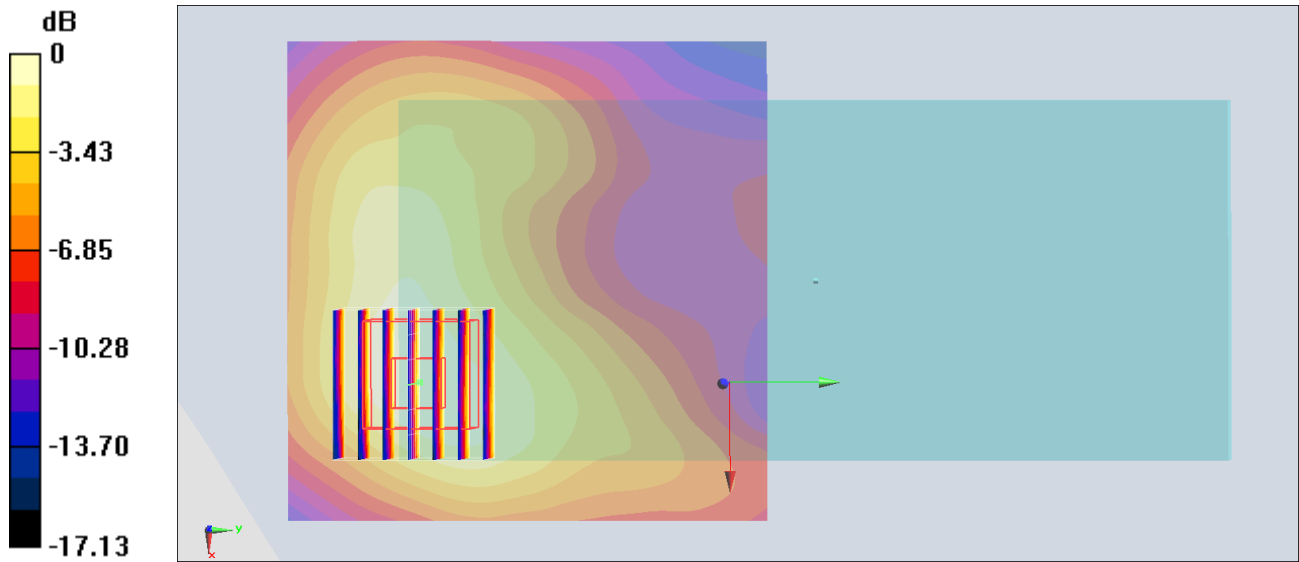
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.354 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

### #44\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch6;Chain 1

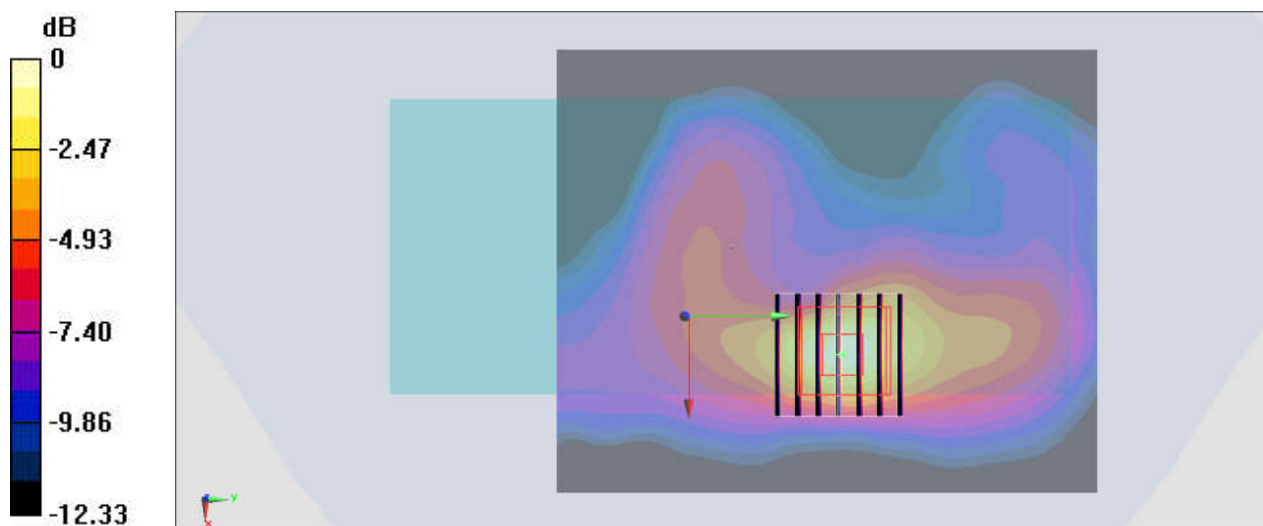
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1  
 Medium: MSL\_2450\_190416 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.985$  S/m;  $\epsilon_r = 53.095$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.0863 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 4.435 V/m; Power Drift = -0.09 dB  
 Peak SAR (extrapolated) = 0.153 W/kg  
**SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.033 W/kg**  
 Maximum value of SAR (measured) = 0.0954 W/kg



0 dB = 0.0954 W/kg = -10.20 dBW/kg

## #45\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch58;Chain 0

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.044

Medium: MSL\_5G\_190417 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.283$  S/m;  $\epsilon_r = 46.944$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0826 W/kg

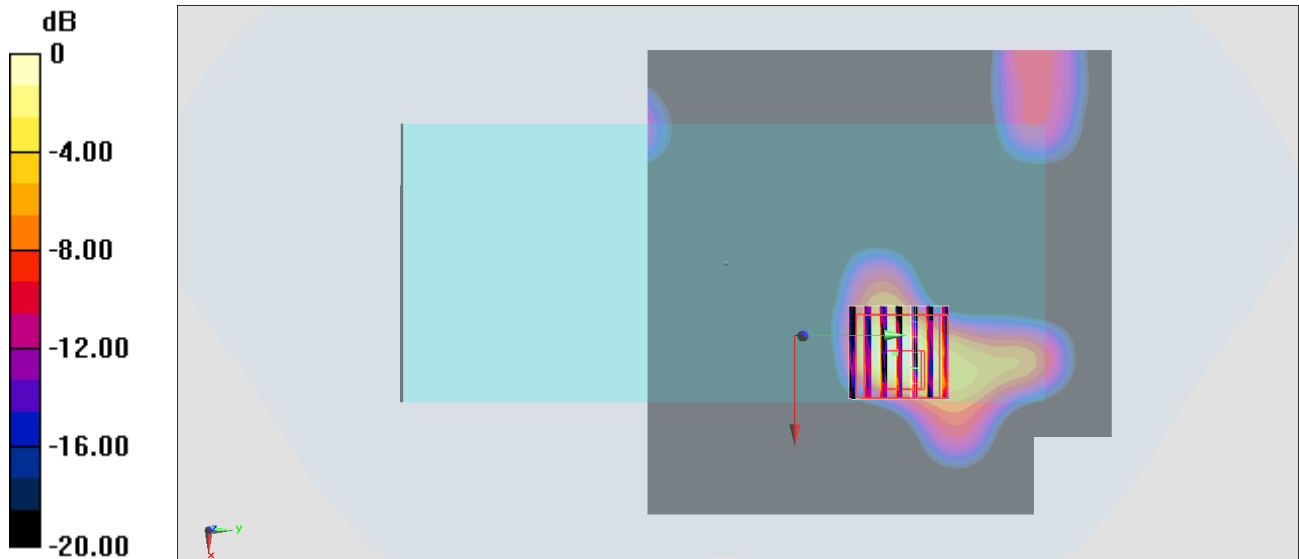
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.518 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00829 W/kg**

Maximum value of SAR (measured) = 0.0744 W/kg



0 dB = 0.0744 W/kg = -11.28 dBW/kg

**#46\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch122;Chain 1**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.035

Medium: MSL\_5G\_190417 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.691$  S/m;  $\epsilon_r = 46.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03); Calibrated: 2018/7/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (61x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

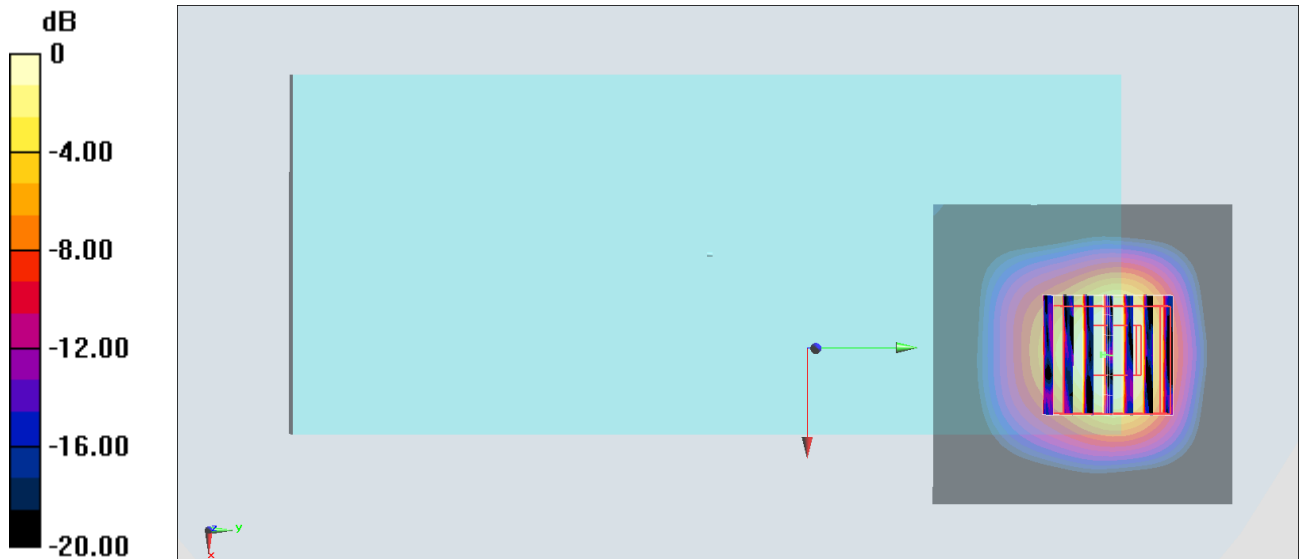
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.589 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.345 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

### #47\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch155;Chain 1

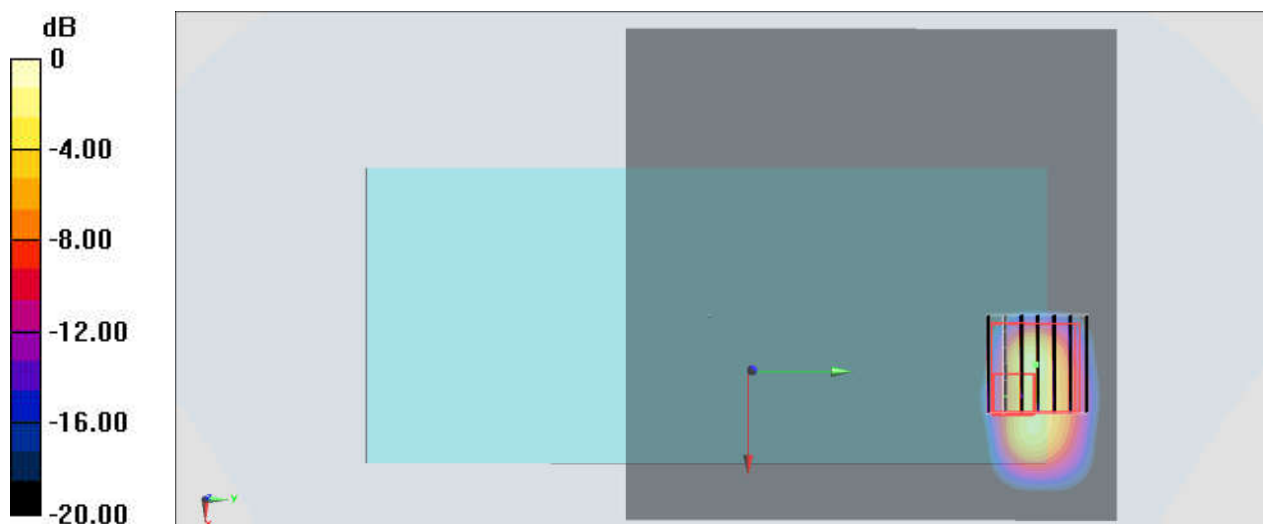
Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.035  
Medium: MSL\_5G\_190418 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.945$  S/m;  $\epsilon_r = 46.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.0901 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 3.496 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.367 W/kg  
**SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.00986 W/kg**  
Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

### #48\_Bluetooth\_1Mbps\_Back\_15mm\_Ch39

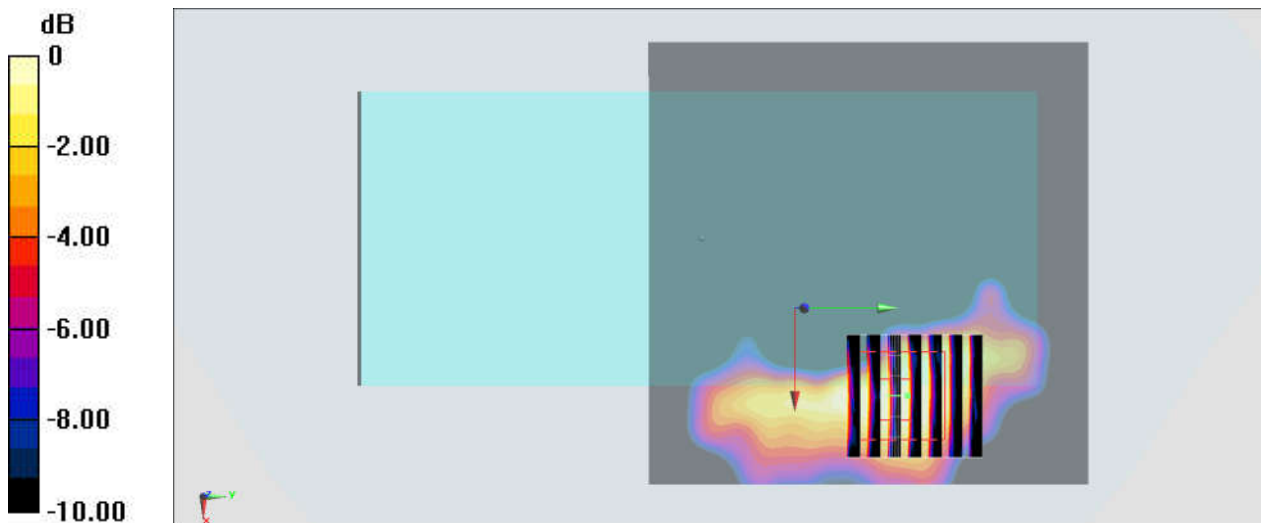
Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.305  
Medium: MSL\_2450\_190416 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.99$  S/m;  $\epsilon_r = 53.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0205 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.601 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.0280 W/kg  
**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00631 W/kg**  
Maximum value of SAR (measured) = 0.0164 W/kg



0 dB = 0.0164 W/kg = -17.85 dBW/kg



### #49\_LTE Band 25\_20M\_QPSK\_1\_0\_Bottom Side\_0mm\_Ch26140

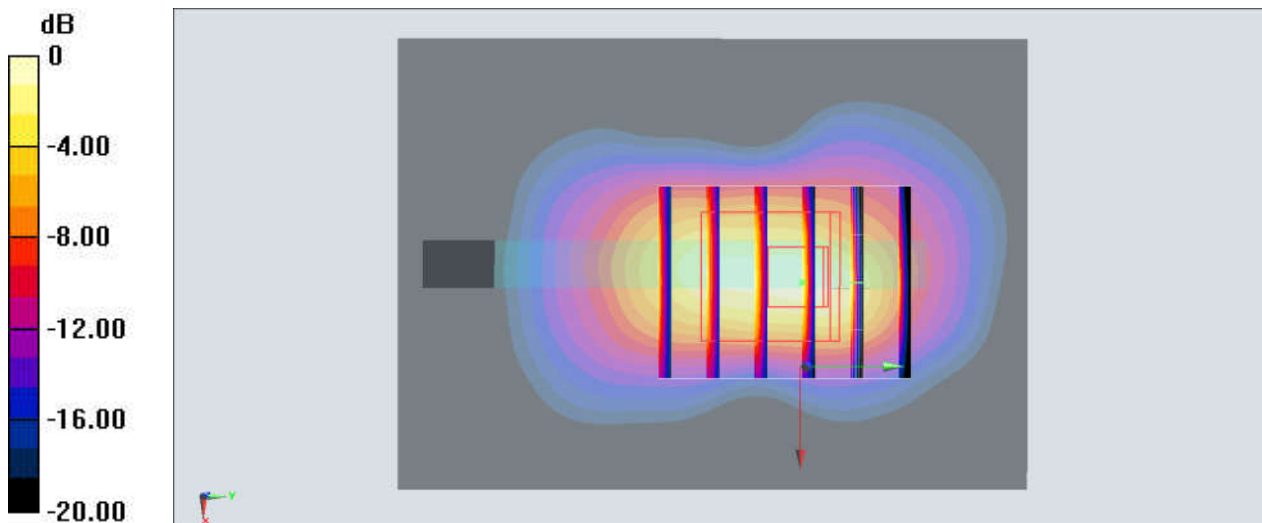
Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1  
Medium: MSL\_1900\_190411 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 53.283$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.77, 4.77, 4.77) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.77 W/kg

**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 67.21 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 10.5 W/kg  
**SAR(1 g) = 4.47 W/kg; SAR(10 g) = 2.03 W/kg**  
Maximum value of SAR (measured) = 6.27 W/kg



0 dB = 6.27 W/kg = 7.97 dBW/kg

### #50\_LTE Band 66\_20M\_QPSK\_1\_49\_Front\_0mm\_Ch132072

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_190416 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 54.627$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.5, 8.5, 8.5) ; Calibrated: 2019/1/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2019/1/24
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.30 W/kg

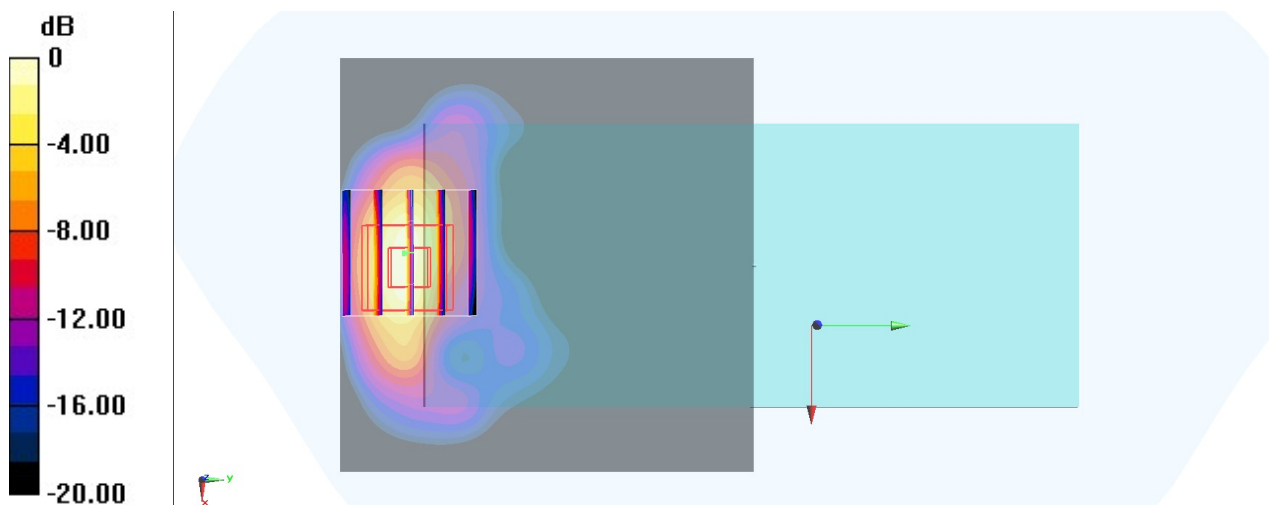
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.28 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.8 W/kg

**SAR(1 g) = 6.07 W/kg; SAR(10 g) = 2.69 W/kg**

Maximum value of SAR (measured) = 8.19 W/kg



0 dB = 8.19 W/kg = 9.13 dBW/kg

**#51\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch58;Chain 0**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.044

Medium: MSL\_5G\_190417 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.283$  S/m;  $\epsilon_r = 46.944$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.23 W/kg

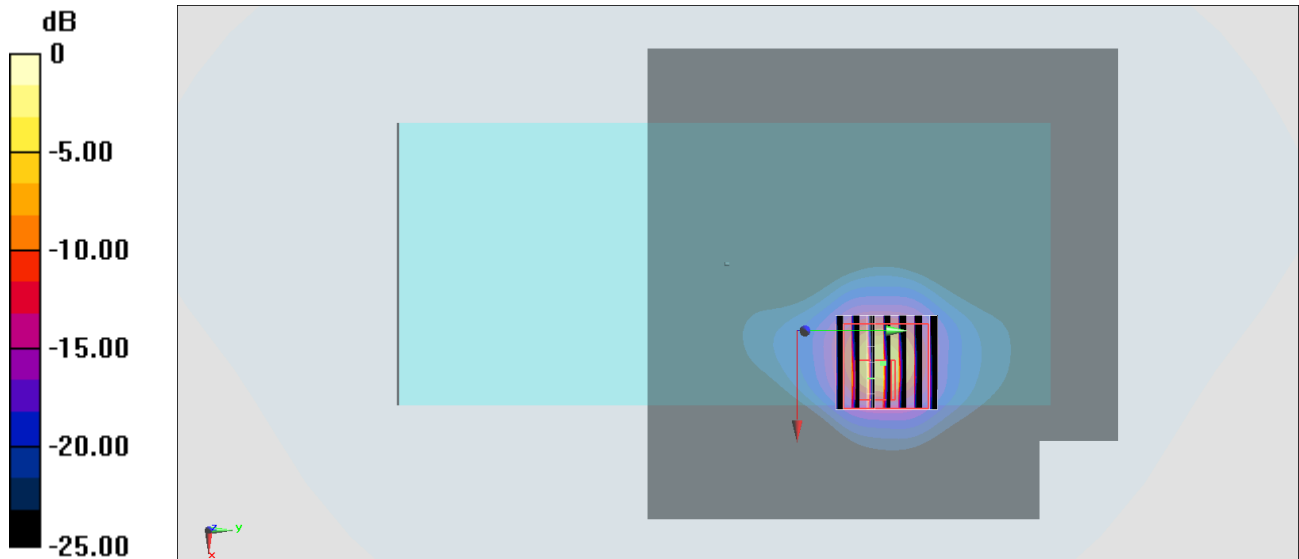
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 27.71 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.3 W/kg

**SAR(1 g) = 3.44 W/kg; SAR(10 g) = 0.602 W/kg**

Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

**#52\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch122;Chain 0**

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.044

Medium: MSL\_5G\_190417 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.691$  S/m;  $\epsilon_r = 46.447$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03); Calibrated: 2018/7/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

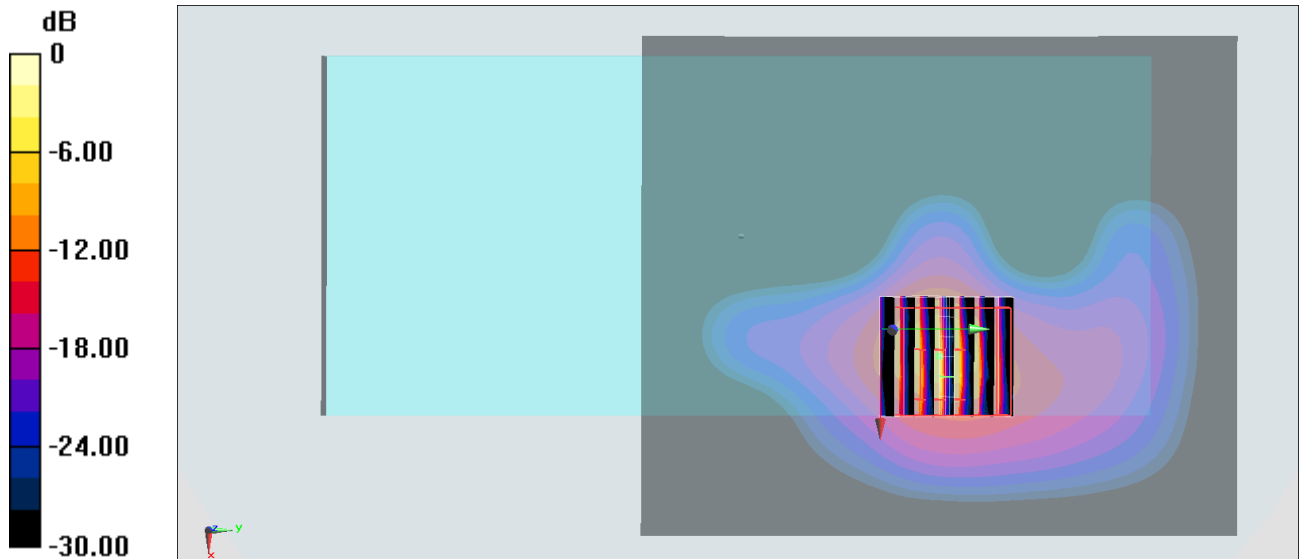
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.48 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 20.5 W/kg

**SAR(1 g) = 2.56 W/kg; SAR(10 g) = 0.475 W/kg**

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



0 dB = 10.2 W/kg = 10.09 dBW/kg

### #53\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch155;Chain 1

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.035

Medium: MSL\_5G\_190418 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.945$  S/m;  $\epsilon_r = 46.731$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7450)

**Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.416 W/kg

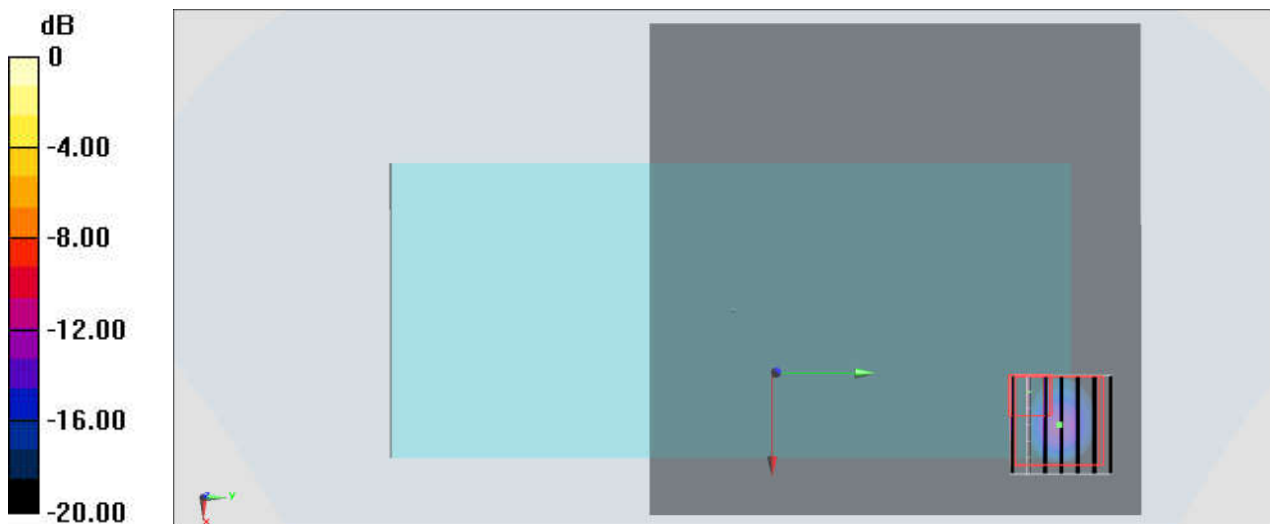
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,dz=1.4mm

Reference Value = 5.326 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 10.4 W/kg

**SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 5.56 W/kg



0 dB = 5.56 W/kg = 7.45 dBW/kg