

### 19\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 40.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

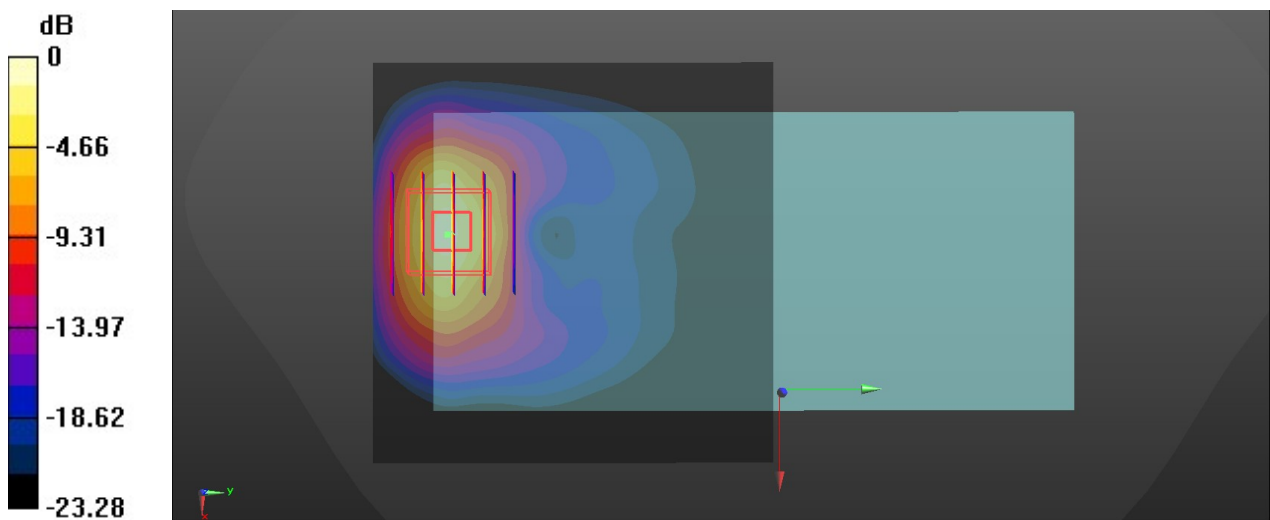
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(8.75, 8.75, 8.75); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.21 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.138 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.494 W/kg**  
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

### 20\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4233

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.948$  S/m;  $\epsilon_r = 41.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(9.93, 9.93, 9.93); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

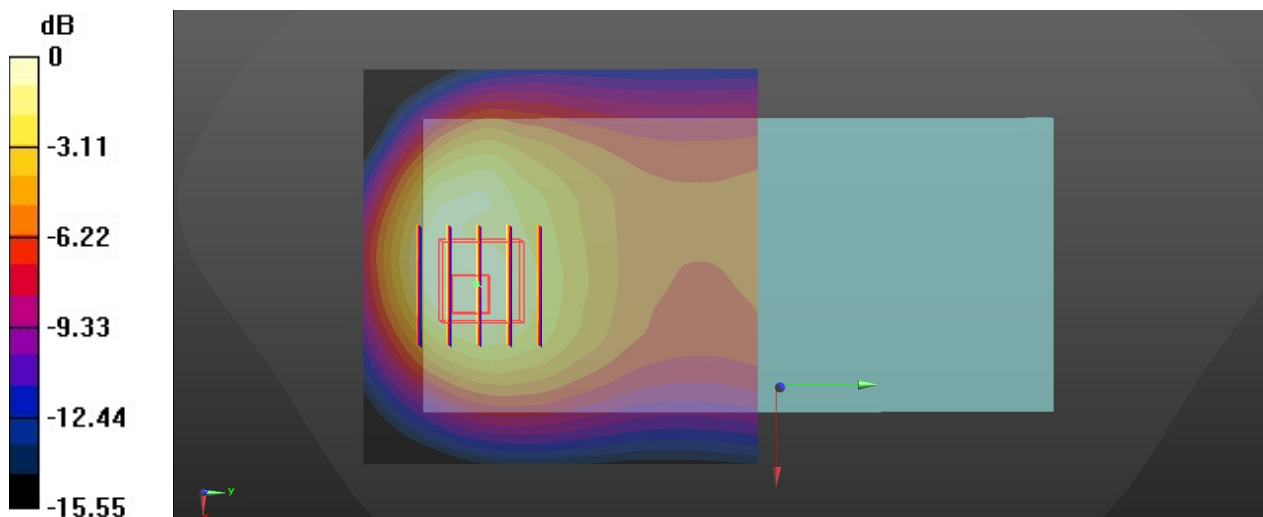
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.32 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.534 W/kg**

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



0 dB = 1.11 W/kg = 0.45 dBW/kg

### 21\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch18700

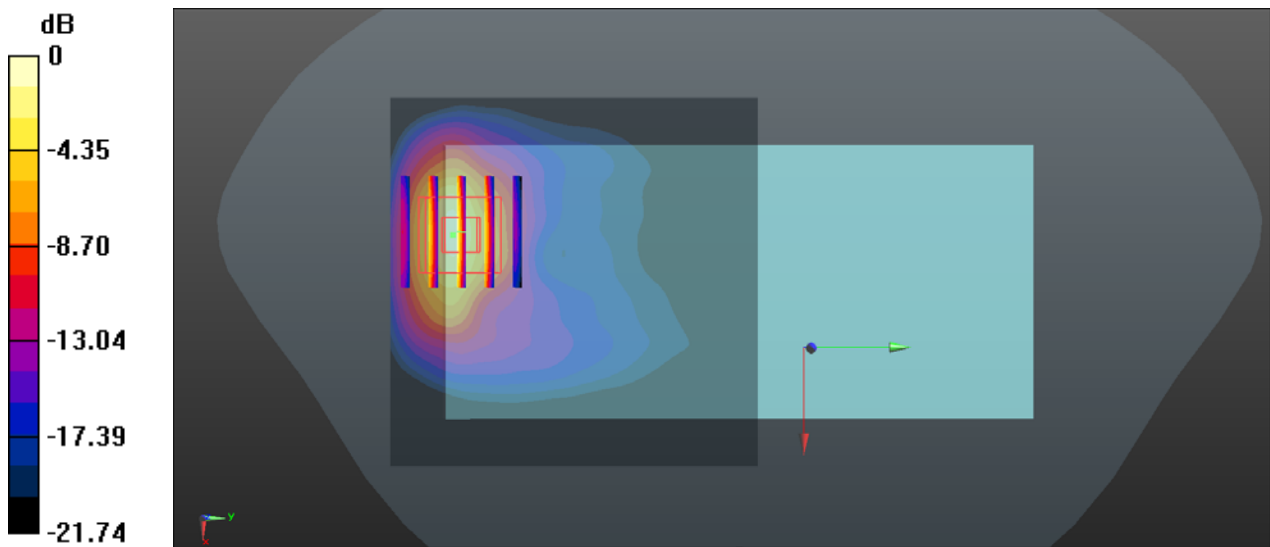
Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 40.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(8.36, 8.36, 8.36); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.707 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 2.37 W/kg  
**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.543 W/kg**  
Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

## 22\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Back\_5mm\_Ch20525

Communication System: UID 0, LTE-FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.944$  S/m;  $\epsilon_r = 41.246$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

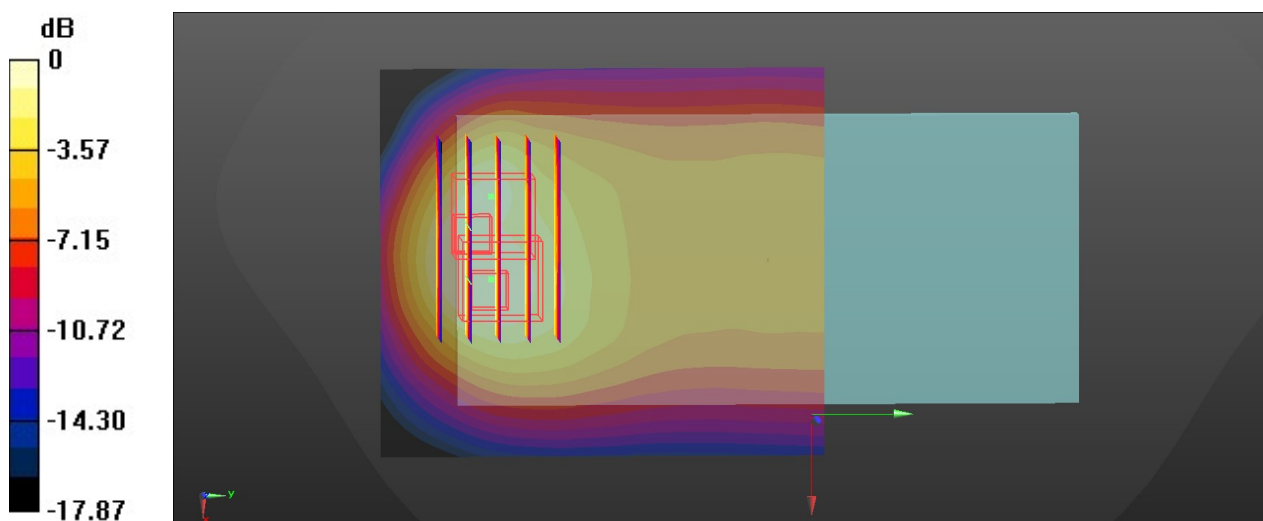
### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(9.93, 9.93, 9.93); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.64 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.84 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.18 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.576 W/kg**  
Maximum value of SAR (measured) = 1.54 W/kg

**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.84 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.82 W/kg  
**SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.510 W/kg**  
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

### 23\_LTE Band 7\_20M\_QPSK\_1RB\_0offset\_Back\_5mm\_Ch21100

Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.885$  S/m;  $\epsilon_r = 40.417$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.47, 7.47, 7.47); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

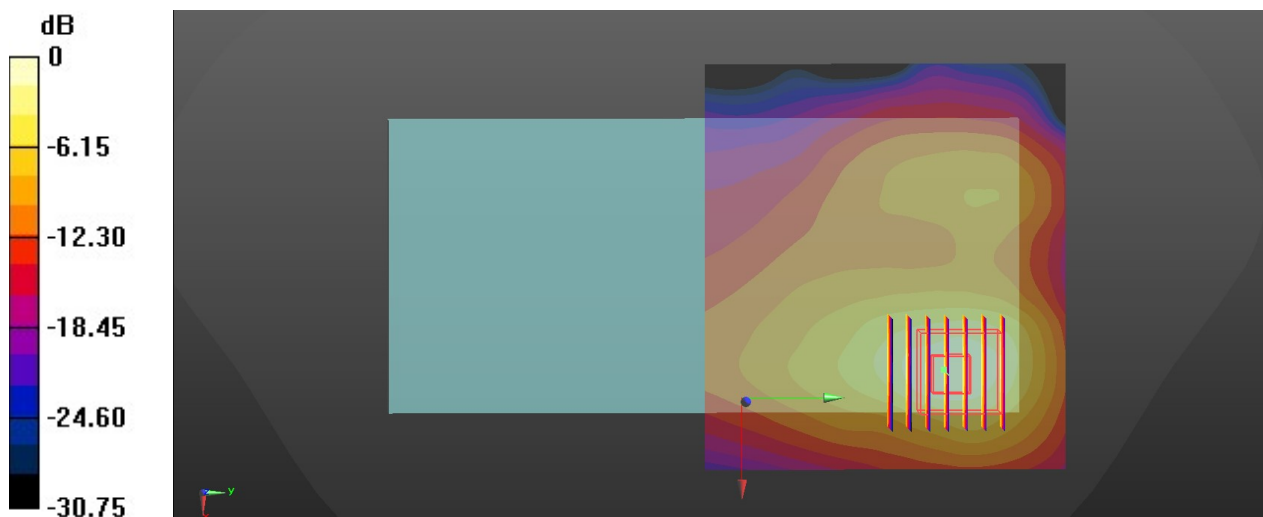
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.552 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.355 W/kg**

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



0 dB = 1.35 W/kg = 1.30 dBW/kg

### 24\_LTE Band 66\_20M\_QPSK\_50RB\_0Offset\_Back\_5mm\_Ch132572

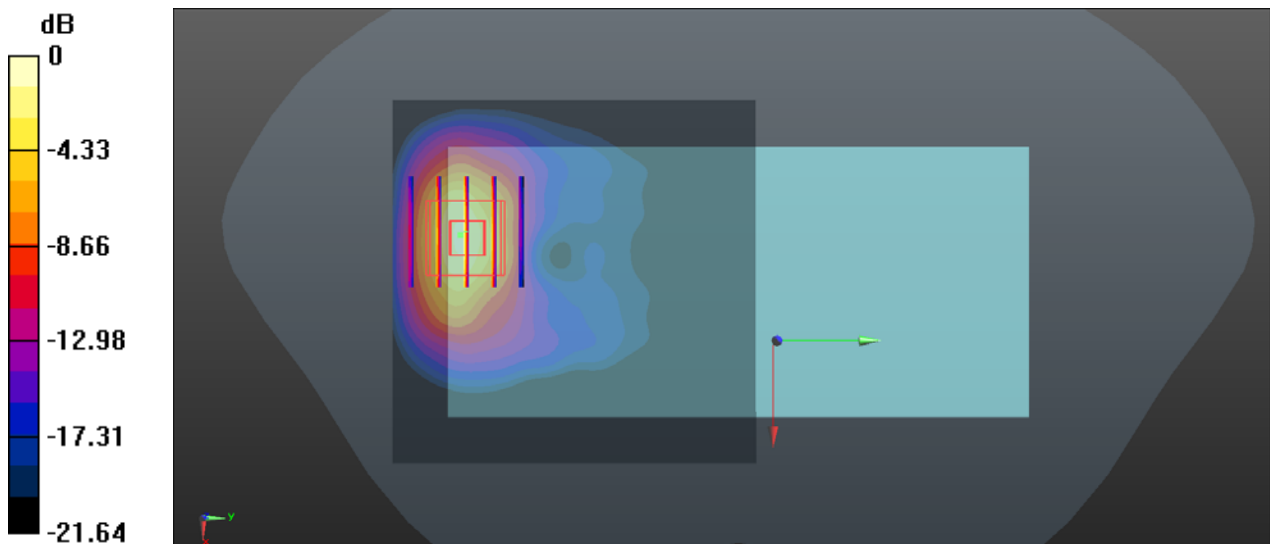
Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(8.75, 8.75, 8.75); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.48 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.867 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 2.34 W/kg  
**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.541 W/kg**  
Maximum value of SAR (measured) = 1.92 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

### 25\_LTE Band 41\_20M\_QPSK\_50RB\_0offset\_Back\_5mm\_Ch40140

Communication System: UID 0, LTE-TDD (0); Frequency: 2545 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2545$  MHz;  $\sigma = 1.898$  S/m;  $\epsilon_r = 40.374$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.47, 7.47, 7.47); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

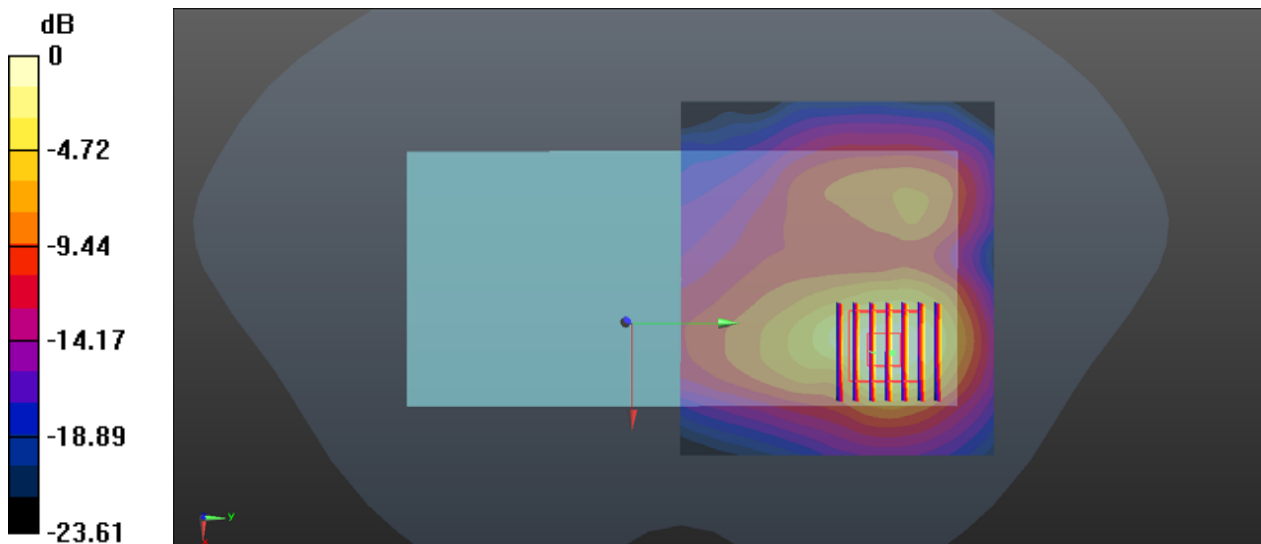
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.509 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.436 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

### 26\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch11

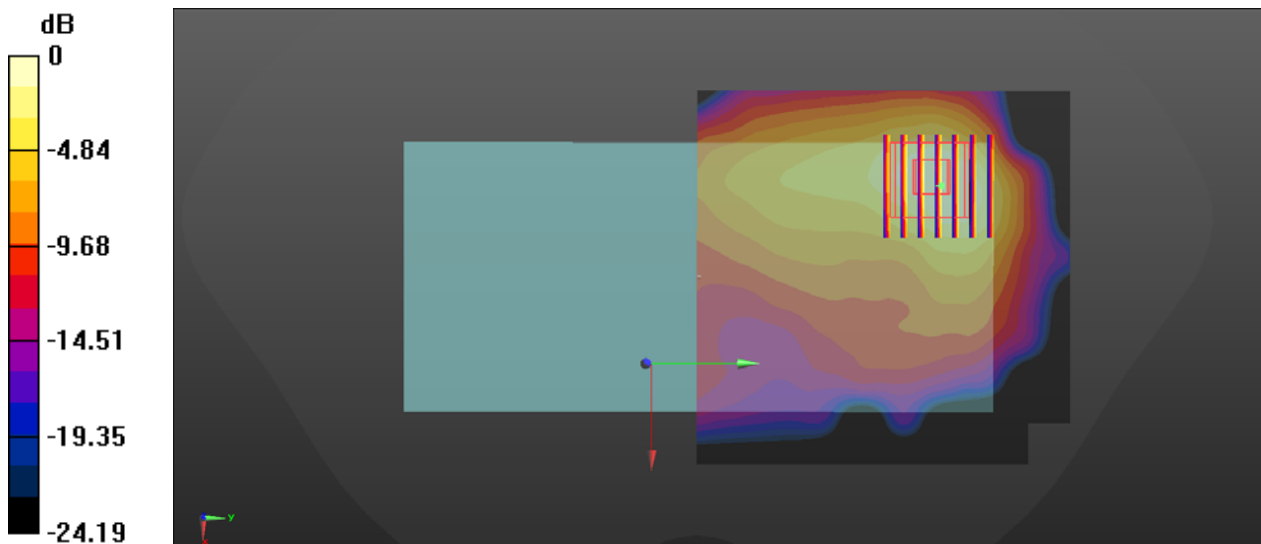
Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 40.897$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.65, 7.65, 7.65); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.657 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 5.369 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.787 W/kg  
**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.187 W/kg**  
Maximum value of SAR (measured) = 0.609 W/kg



0 dB = 0.609 W/kg = -2.15 dBW/kg



### 27\_Bluetooth\_1Mbps\_Back\_5mm\_Ch39

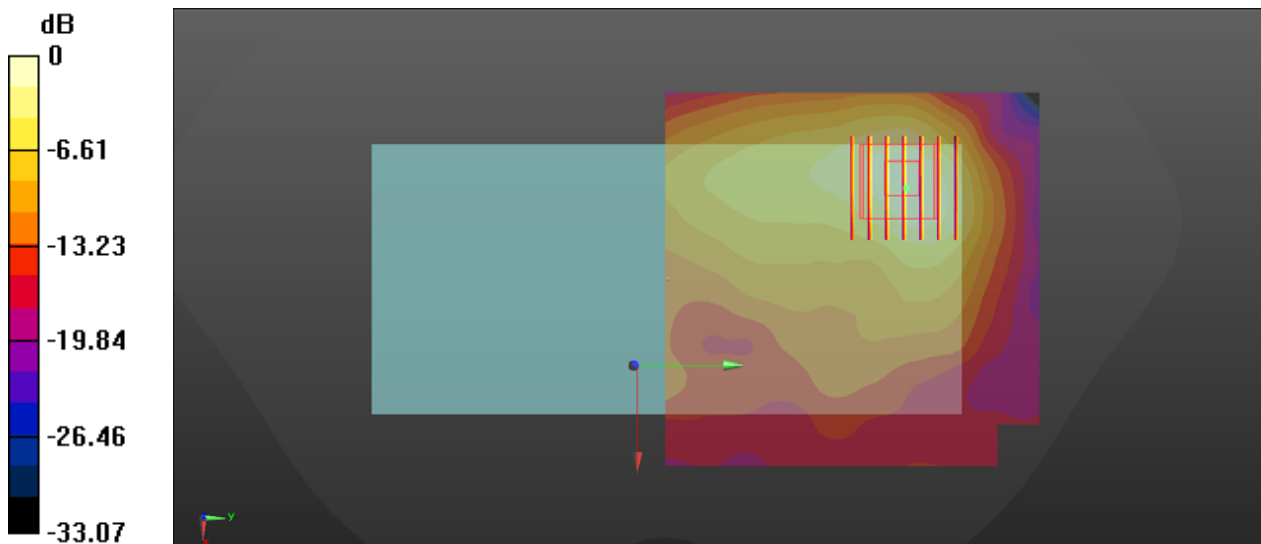
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.304  
Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.782$  S/m;  $\epsilon_r = 40.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.65, 7.65, 7.65); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.180 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.563 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.241 W/kg  
**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.053 W/kg**  
Maximum value of SAR (measured) = 0.180 W/kg



### 28\_WLAN5GHz\_802.11a 6Mbps\_Back\_5mm\_Ch40

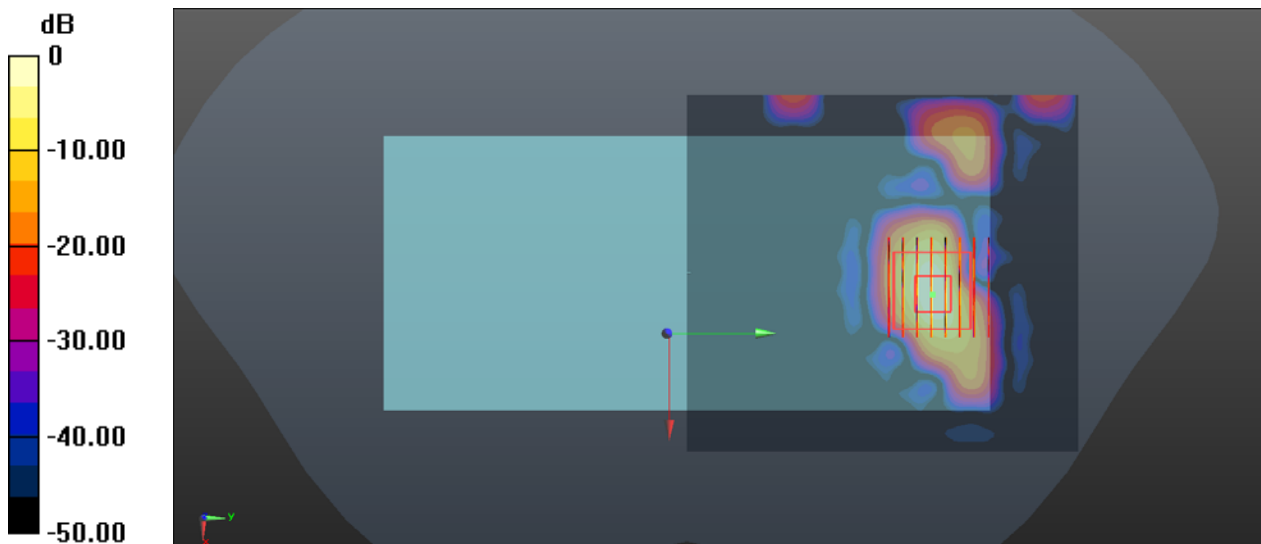
Communication System: UID 0, 802.11a (0); Frequency: 5200 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_5000 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.841$  S/m;  $\epsilon_r = 37.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(5.24, 5.24, 5.24); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2019.12.17
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.789 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 1.47 W/kg  
**SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.058 W/kg**  
Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

### 29\_WLAN5GHz\_802.11a\_6Mbps\_Back\_5mm\_Ch149

Communication System: UID 0, 802.11a (0); Frequency: 5745 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_5000 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.404$  S/m;  $\epsilon_r = 36.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7592; ConvF(4.69, 4.69, 4.69); Calibrated: 2020.5.22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2019.12.17
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

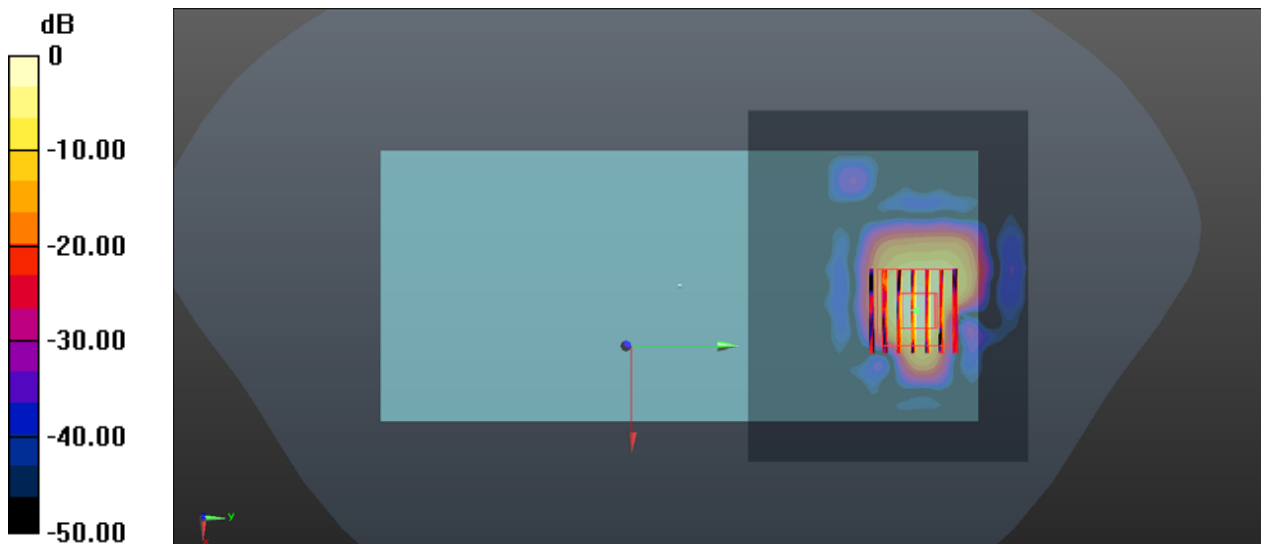
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.4250 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

### 30\_GSM850\_GPRS 3Tx slots\_Back\_5mm\_Ch128

Communication System: UID 0, GPRS 3TX (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_850 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(9.93, 9.93, 9.93); Calibrated: 2019.10.16
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.76 W/kg

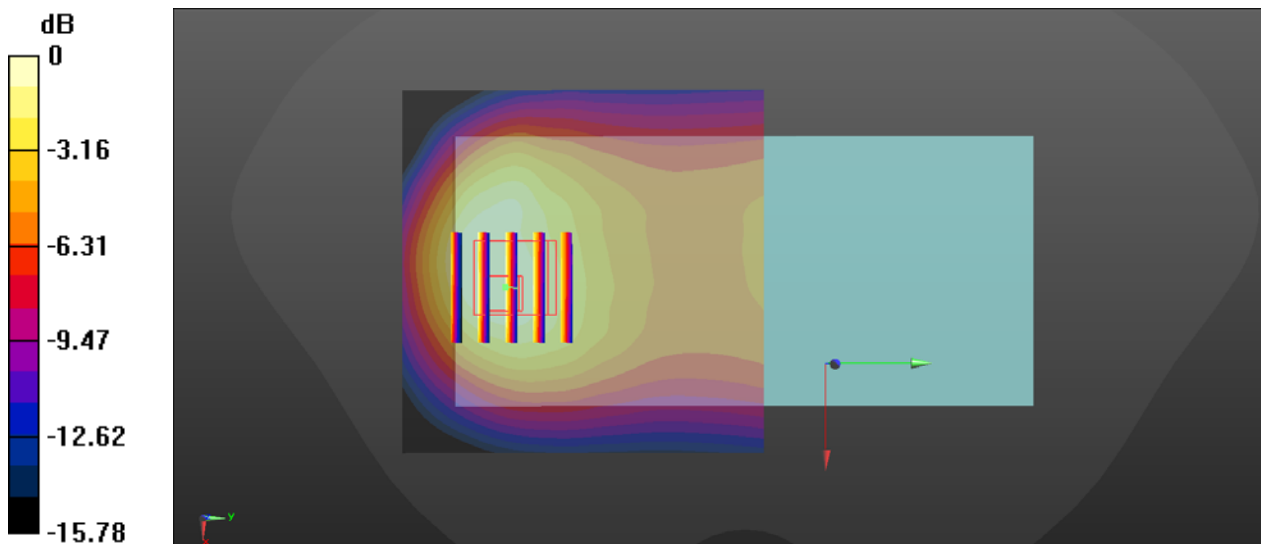
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.83 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.70 W/kg

**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.542 W/kg**

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

### 31\_GSM1900\_GPRS 3Tx slots\_Back\_5mm\_Ch810

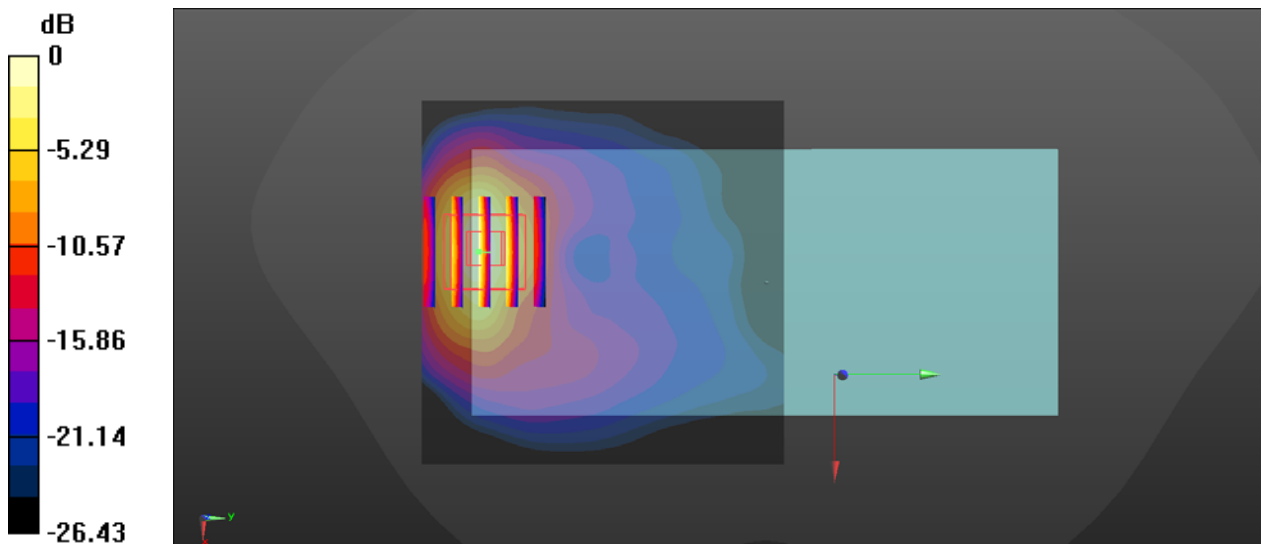
Communication System: UID 0, GPRS 3TX (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 40.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(8.36, 8.36, 8.36); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.07 W/kg

**Zoom Scan (5x5x5)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.790 V/m; Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 2.12 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.451 W/kg**  
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

**32\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9262**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 40.076$ ;  $\rho = 1000$  kg/m<sup>3</sup>

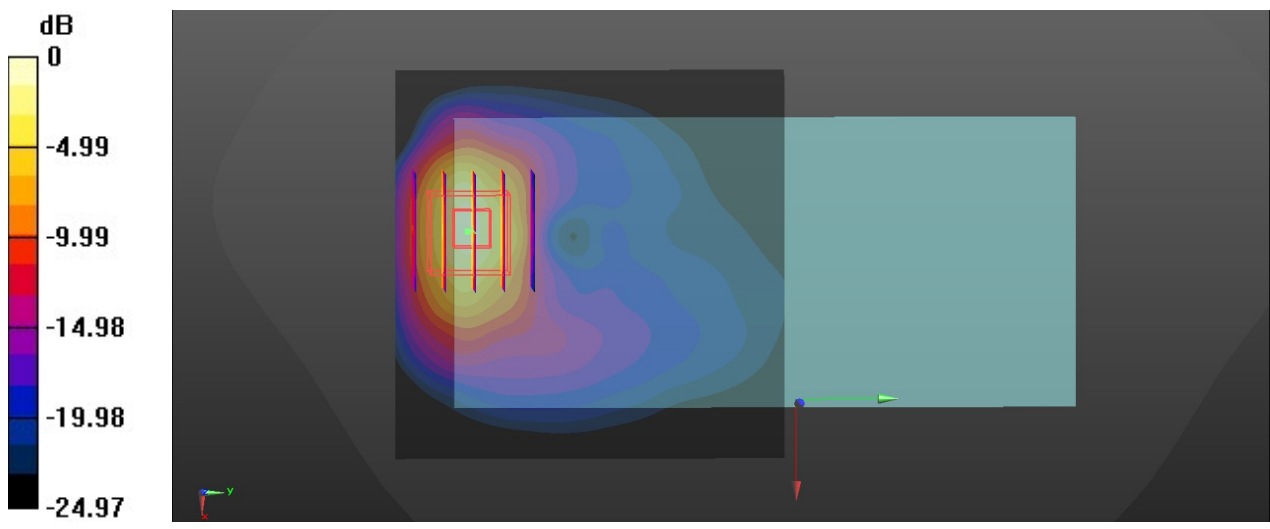
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7475; ConvF(8.36, 8.36, 8.36); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: 1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** 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 = 2.610 V/m; Power Drift = 0.18 dB  
 Peak SAR (extrapolated) = 2.65 W/kg  
**SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.536 W/kg**  
 Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

### 33\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.354$  S/m;  $\epsilon_r = 40.367$ ;  $\rho = 1000$  kg/m<sup>3</sup>

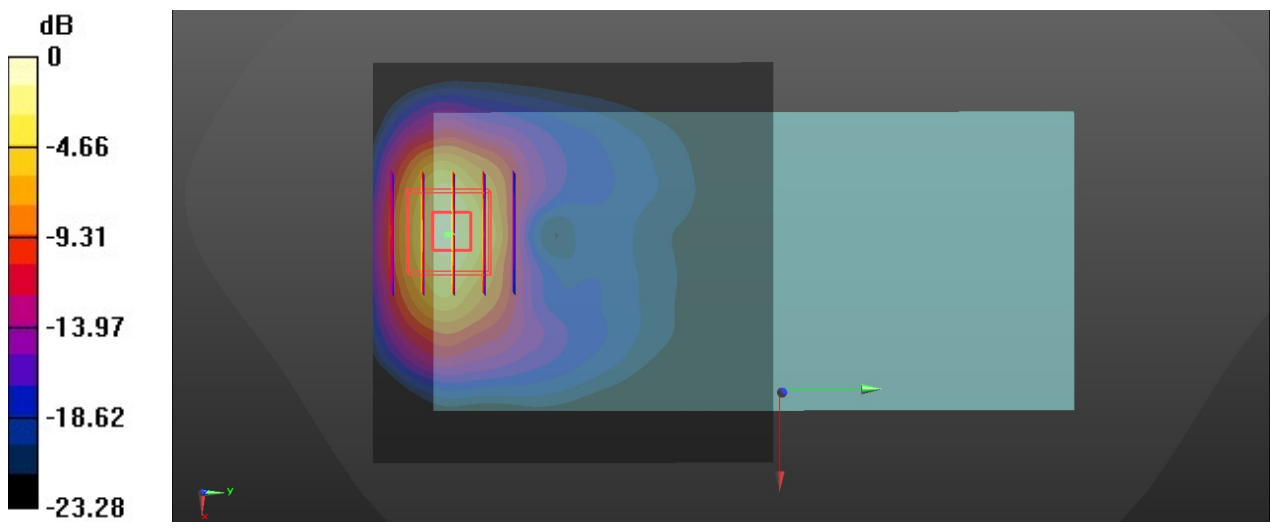
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7475; ConvF(8.75, 8.75, 8.75); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.21 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 2.138 V/m; Power Drift = 0.18 dB  
 Peak SAR (extrapolated) = 1.81 W/kg  
**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.494 W/kg**  
 Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

**34\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4233**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium: HSL\_850 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.948$  S/m;  $\epsilon_r = 41.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

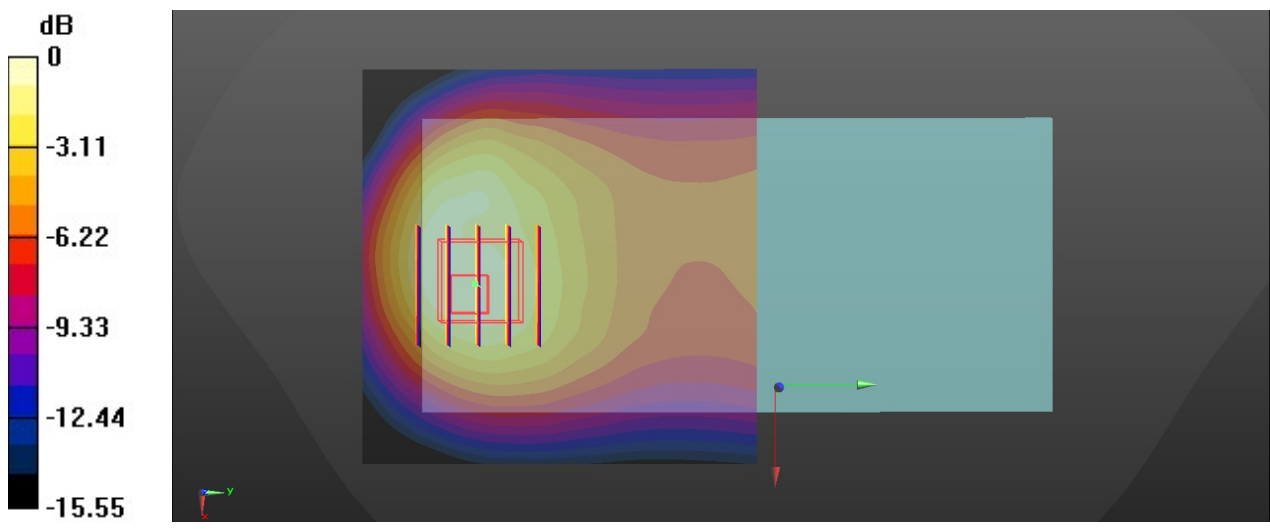
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7475; ConvF(9.93, 9.93, 9.93); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.17 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 17.32 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 1.84 W/kg  
**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.534 W/kg**  
 Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg



### 35\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch18700

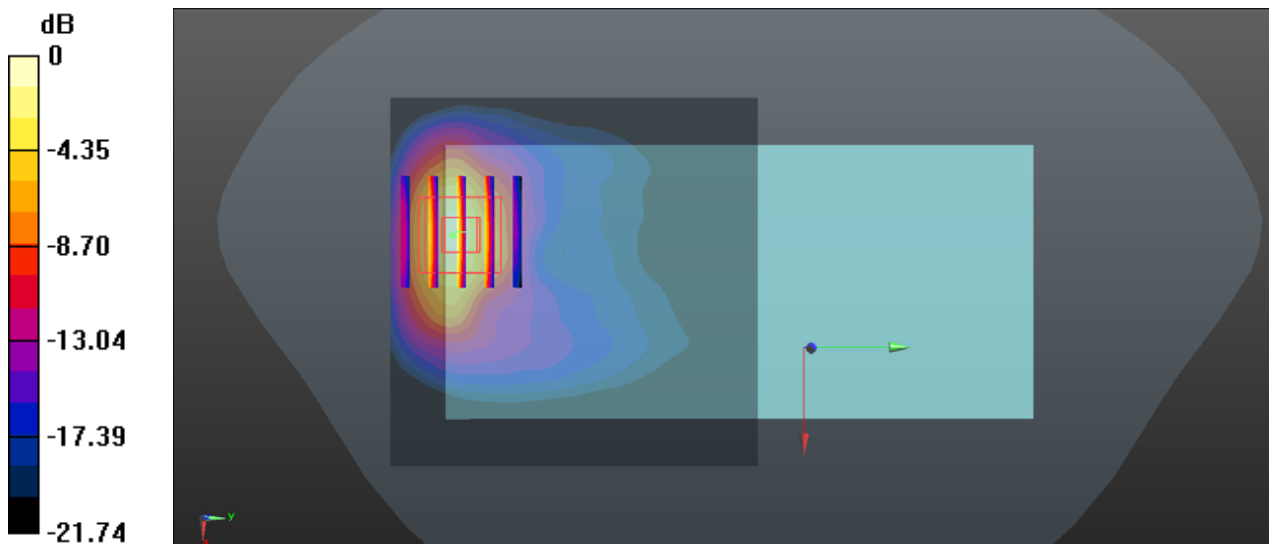
Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 40.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(8.36, 8.36, 8.36); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.707 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 2.37 W/kg  
**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.543 W/kg**  
Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

**36\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Back\_5mm\_Ch20525**

Communication System: UID 0, LTE-FDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
 Medium: HSL\_850 Medium parameters used:  $f = 836.5 \text{ MHz}$ ;  $\sigma = 0.944 \text{ S/m}$ ;  $\epsilon_r = 41.246$ ;  $\rho = 1000 \text{ kg/m}^3$

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

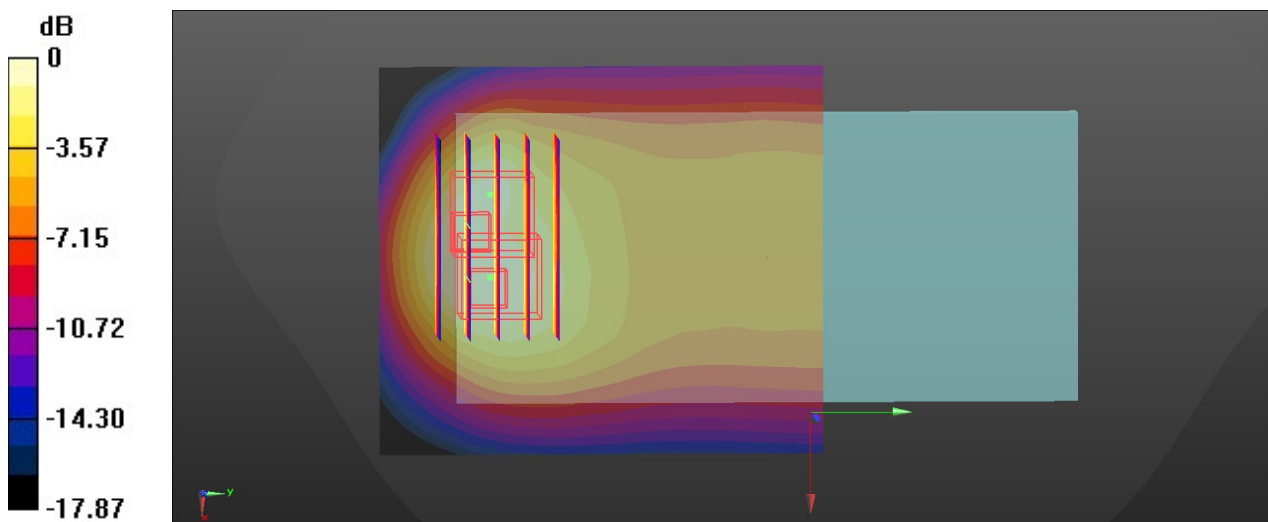
**DASY5 Configuration:**

- Probe: EX3DV4 - SN7475; ConvF(9.93, 9.93, 9.93); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.64 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 21.84 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 2.18 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.576 W/kg**  
 Maximum value of SAR (measured) = 1.54 W/kg

**Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 21.84 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 1.82 W/kg  
**SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.510 W/kg**  
 Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

**37\_LTE Band 7\_20M\_QPSK\_1RB\_0offset\_Back\_5mm\_Ch21100**

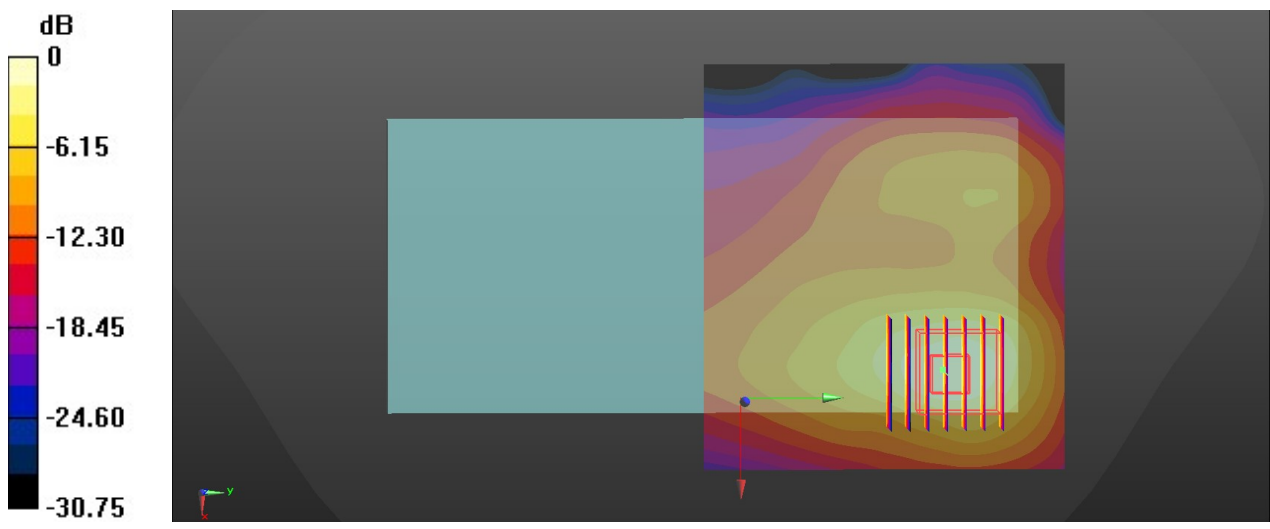
Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.885$  S/m;  $\epsilon_r = 40.417$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7475; ConvF(7.47, 7.47, 7.47); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.54 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 5.552 V/m; Power Drift = 0.06 dB  
 Peak SAR (extrapolated) = 1.94 W/kg  
**SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.355 W/kg**  
 Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

### 38\_LTE Band 66\_20M\_QPSK\_50RB\_0Offset\_Back\_5mm\_Ch132572

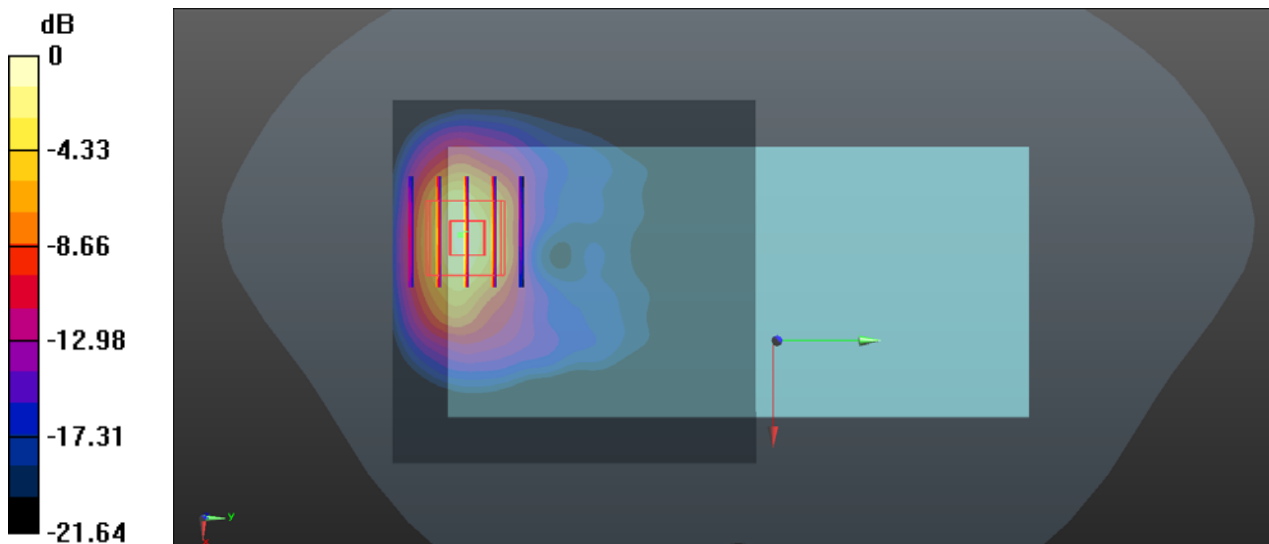
Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(8.75, 8.75, 8.75); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.48 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.867 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 2.34 W/kg  
**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.541 W/kg**  
Maximum value of SAR (measured) = 1.92 W/kg



0 dB = 1.92 W/kg = 2.83 dBW/kg

### 39\_LTE Band 41\_20M\_QPSK\_50RB\_0offset\_Back\_5mm\_Ch40140

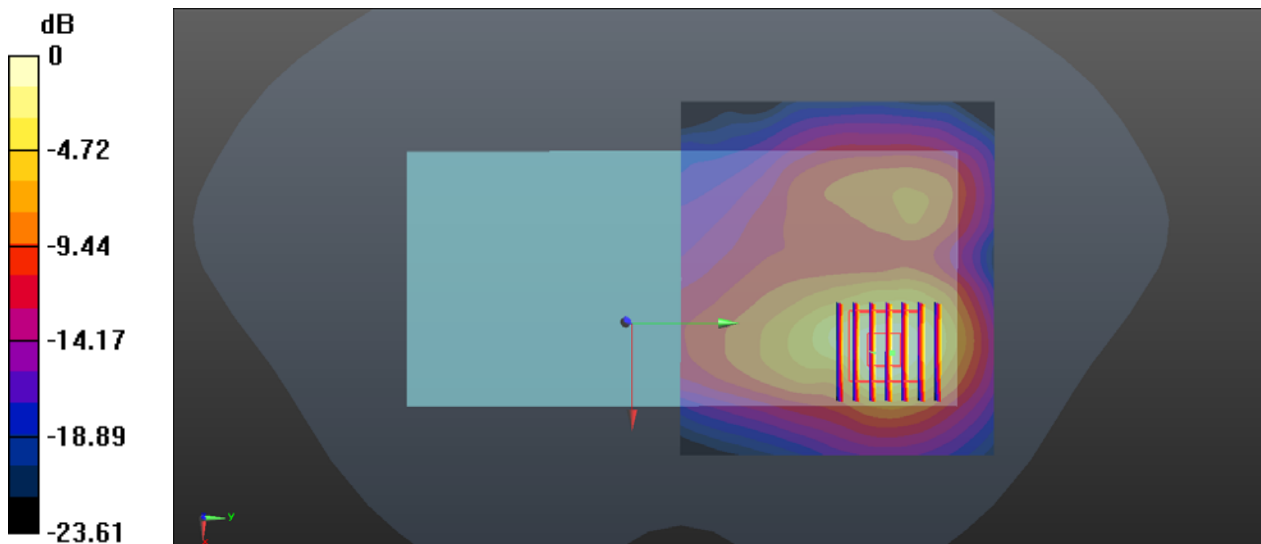
Communication System: UID 0, LTE-TDD (0); Frequency: 2545 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2545$  MHz;  $\sigma = 1.898$  S/m;  $\epsilon_r = 40.374$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.47, 7.47, 7.47); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.55 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.509 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.03 W/kg  
**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.436 W/kg**  
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

### 40\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ch11

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 40.897$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.65, 7.65, 7.65); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

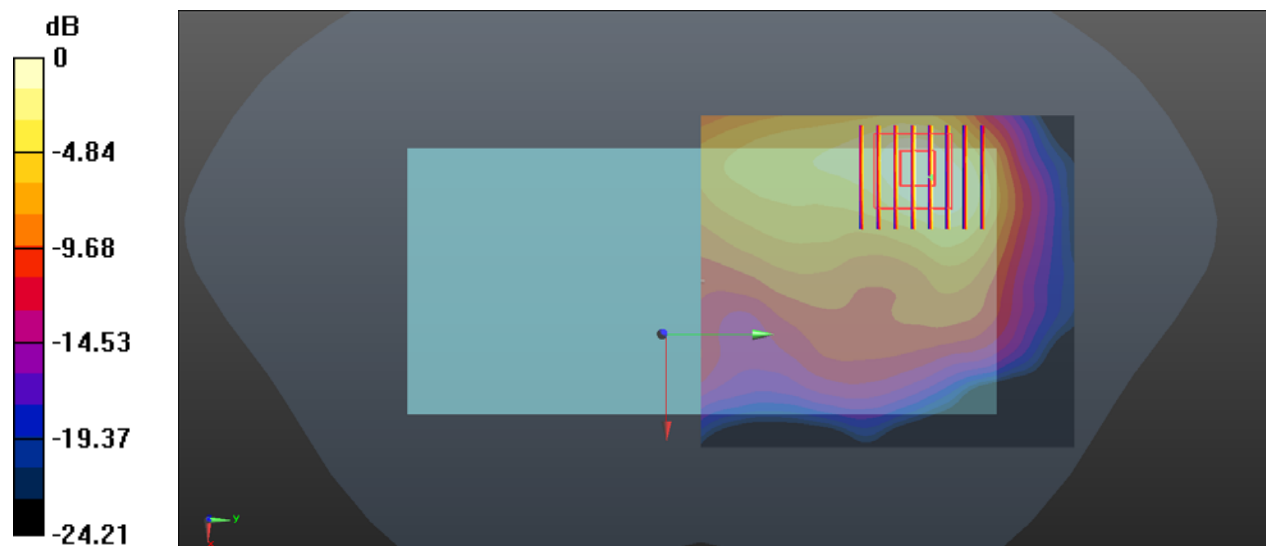
**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.456 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.374 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

### 41\_Bluetooth\_1Mbps\_Back\_5mm\_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.304  
Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.782$  S/m;  $\epsilon_r = 40.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7475; ConvF(7.65, 7.65, 7.65); Calibrated: 2019.10.16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn787; Calibrated: 2020.3.12
- Phantom: SAM1; Type: SAM; Serial: TP-1461
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.180 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.563 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.241 W/kg  
**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.053 W/kg**  
Maximum value of SAR (measured) = 0.180 W/kg

