

### #01\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9262

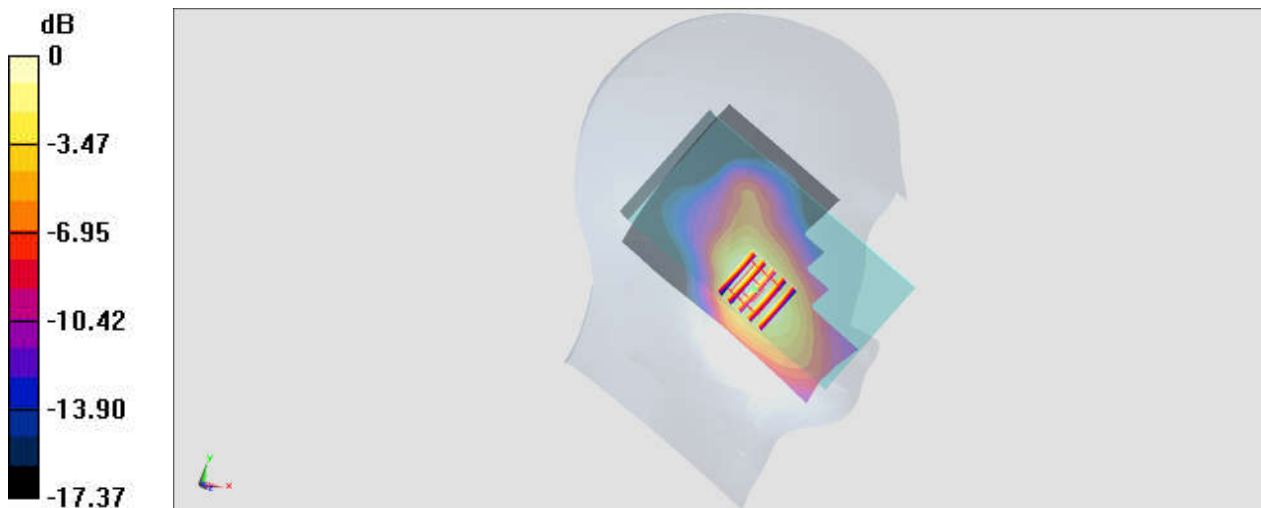
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_180416 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.369$  S/m;  $\epsilon_r = 40.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.578 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.66 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.760 W/kg  
**SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.292 W/kg**  
Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

**#02\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_180417 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 41.293$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.389 W/kg

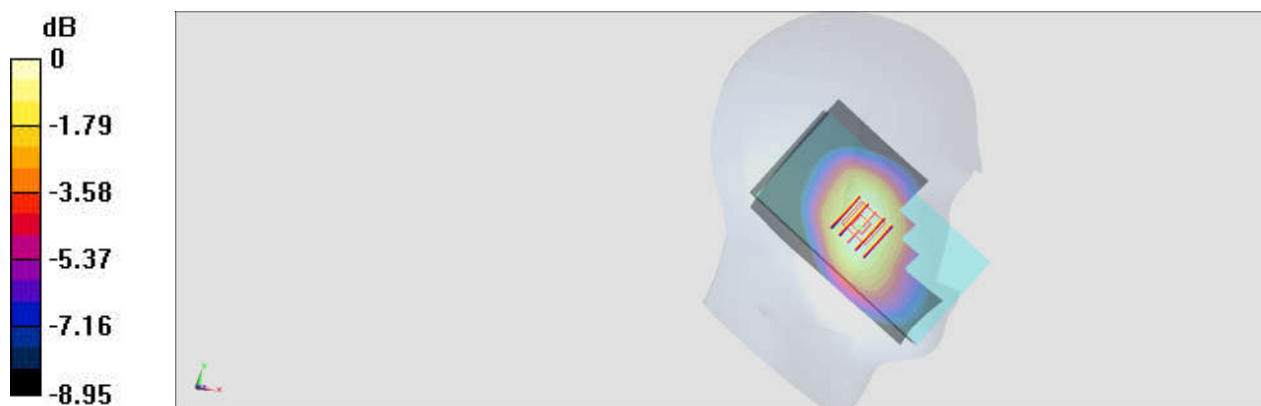
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.39 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.448 W/kg

**SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

**#03\_LTE Band 2\_20M\_QPSK\_1\_0\_Left Cheek\_Ch18900**

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

Medium: HSL\_1900\_180416 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.393$  S/m;  $\epsilon_r = 40.849$ ;

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

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2017/9/25;

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

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

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

- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.580 W/kg

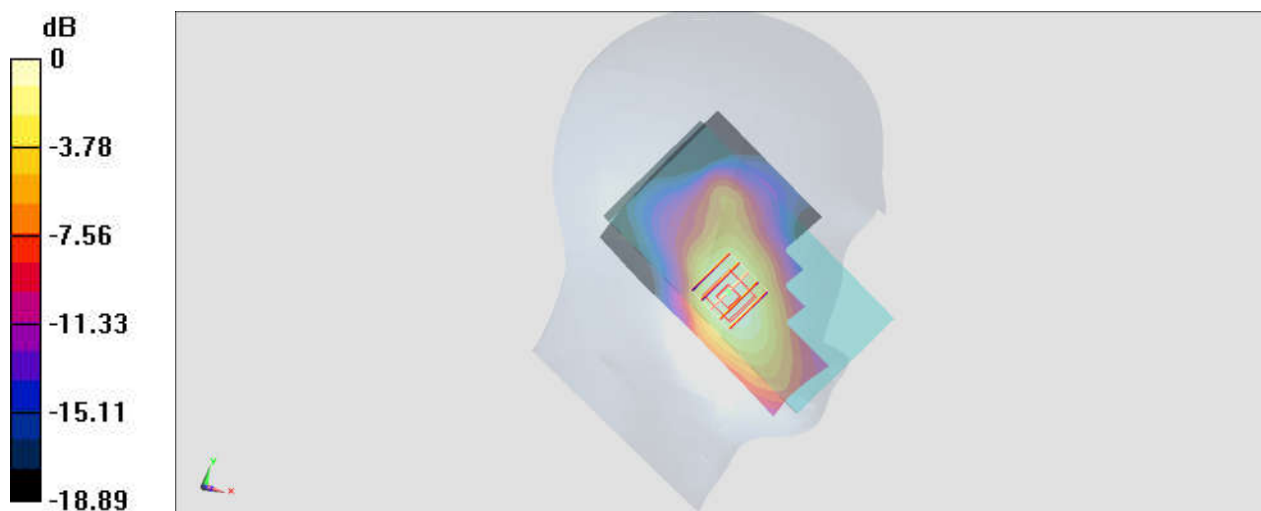
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.21 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.727 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

### #04\_LTE Band 4\_20M\_QPSK\_1\_0\_Left Cheek\_Ch20175

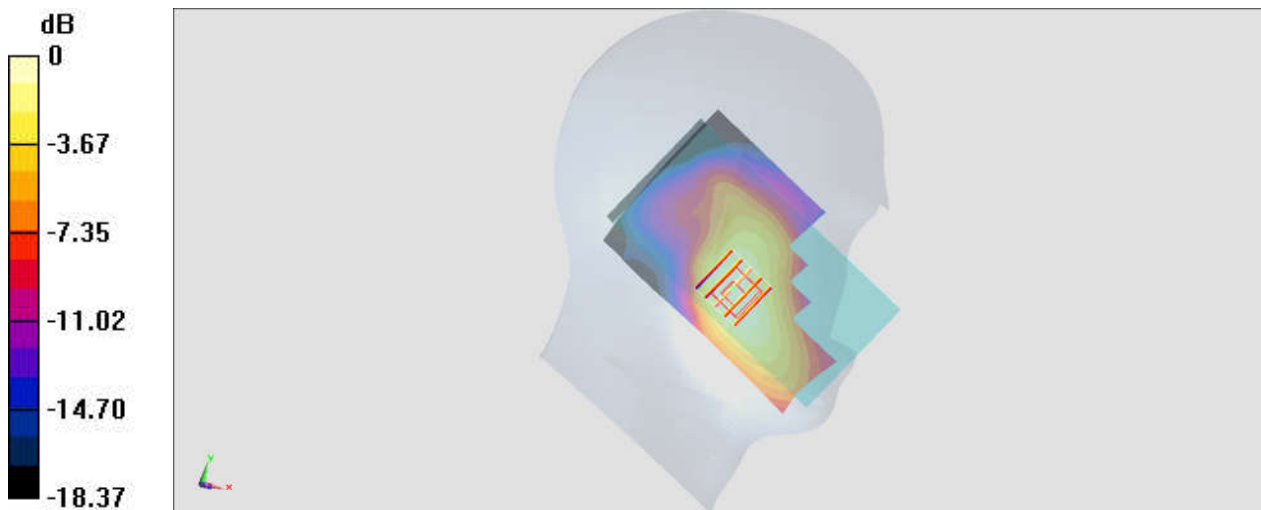
Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_180416 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.335$  S/m;  $\epsilon_r = 39.577$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.24, 5.24, 5.24); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.365 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.35 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.452 W/kg  
**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.200 W/kg**  
Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

**#05\_LTE Band 5\_10M\_QPSK\_1\_0\_Left Cheek\_Ch20525**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_180417 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.415$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2017/9/25;

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

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

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

- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

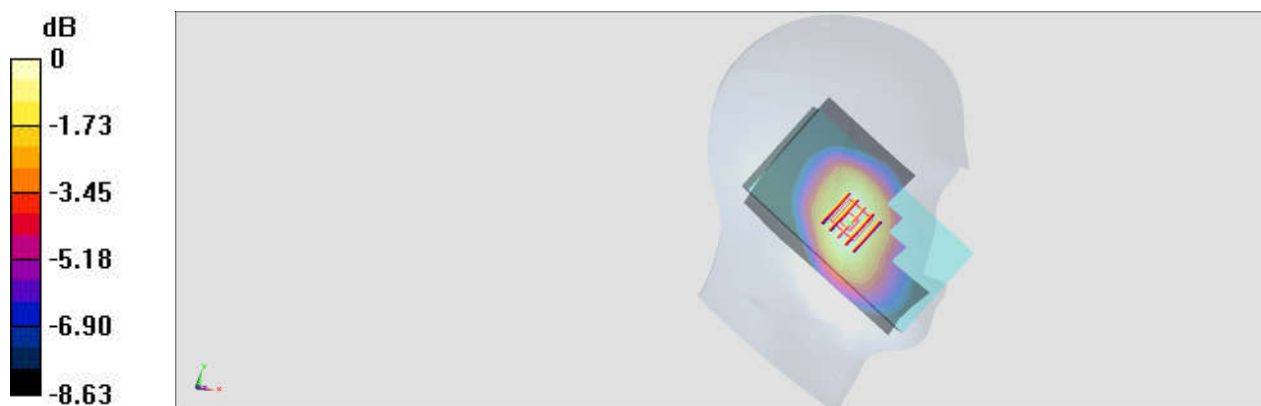
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.358 W/kg

**SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.221 W/kg**

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

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

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_180417 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.857$  S/m;  $\epsilon_r = 43.521$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.34, 6.34, 6.34); Calibrated: 2017/9/25;

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

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

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

- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.240 W/kg

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

Reference Value = 17.07 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.182 W/kg**

Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

## #07\_Bluetooth\_1Mbps\_Right Cheek\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_180603 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 40.365$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0248 W/kg

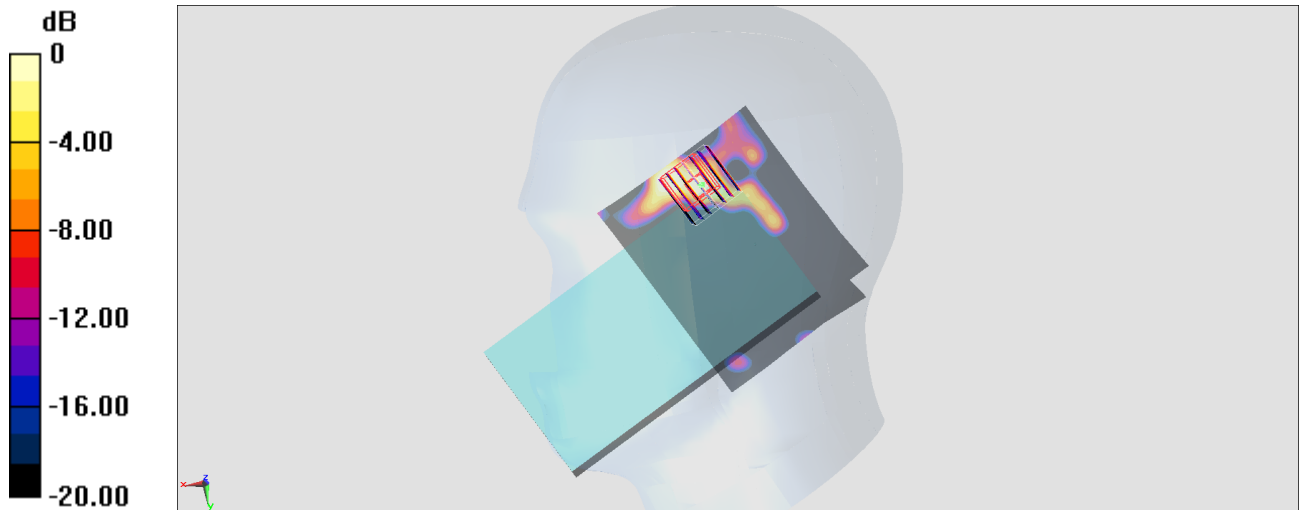
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.181 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00441 W/kg**

Maximum value of SAR (measured) = 0.0153 W/kg



0 dB = 0.0153 W/kg = -18.15 dBW/kg

**#08\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.029

Medium: HSL\_2450\_180602 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.765$  S/m;  $\epsilon_r = 39.934$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.34, 4.34, 4.34); Calibrated: 2017/12/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.564 W/kg

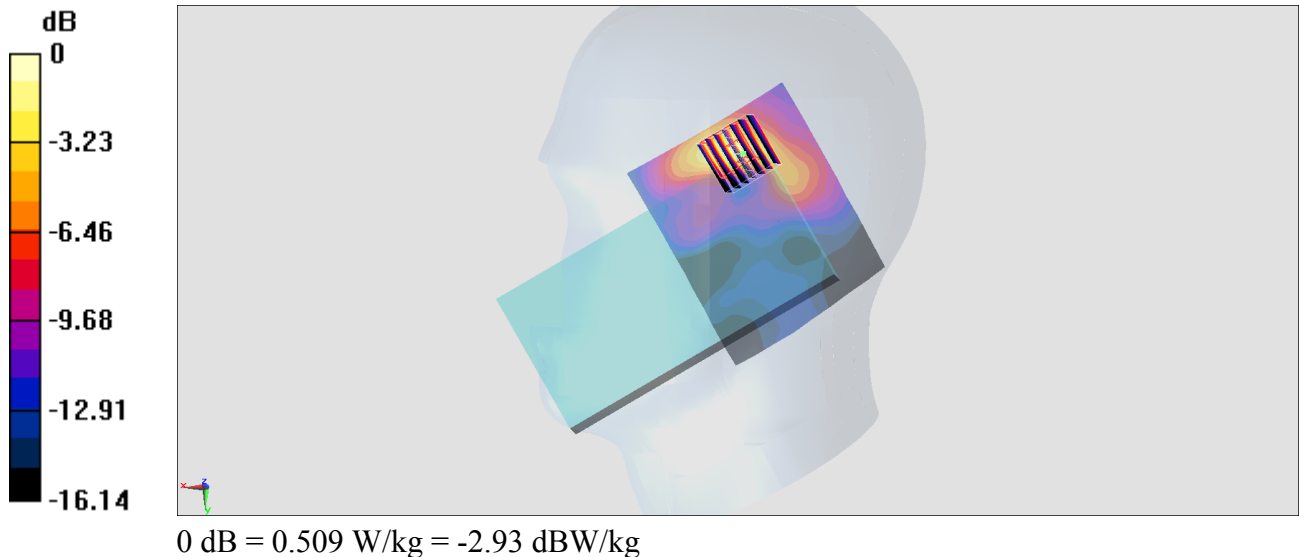
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.509 W/kg





**#09\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch56**

Communication System: 802.11a ; Frequency: 5280 MHz;Duty Cycle: 1:1.153

Medium: HSL\_5G\_180531 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.61$  S/m;  $\epsilon_r = 36.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.49, 5.49, 5.49); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

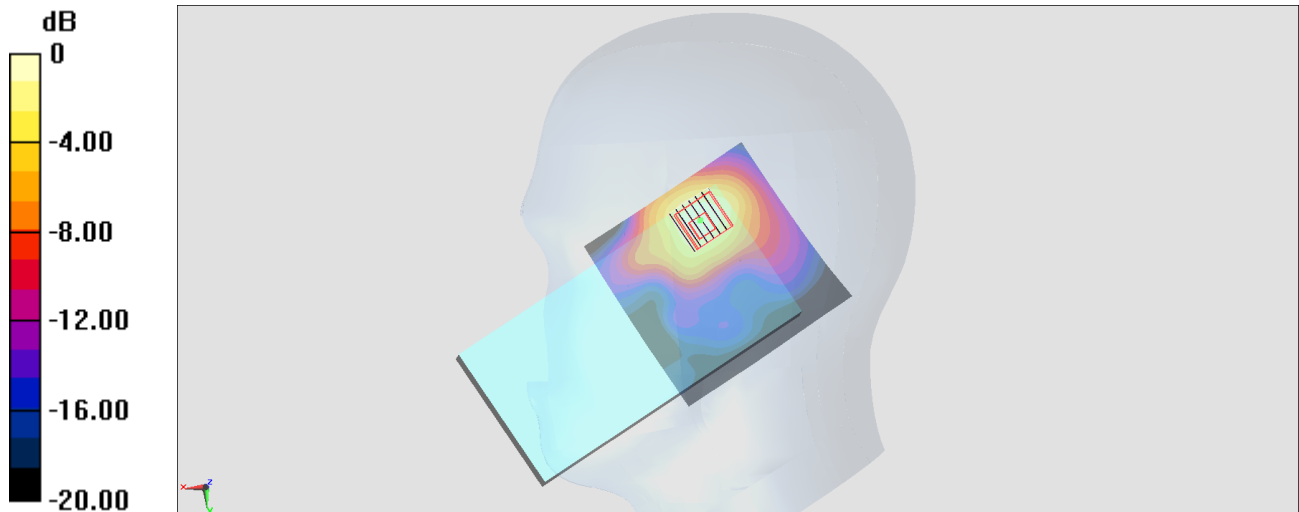
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.26 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

**#10\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch116**

Communication System: 802.11a ; Frequency: 5580 MHz;Duty Cycle: 1:1.153

Medium: HSL\_5G\_180531 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 4.908$  S/m;  $\epsilon_r = 36.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.97, 4.97, 4.97); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.912 W/kg

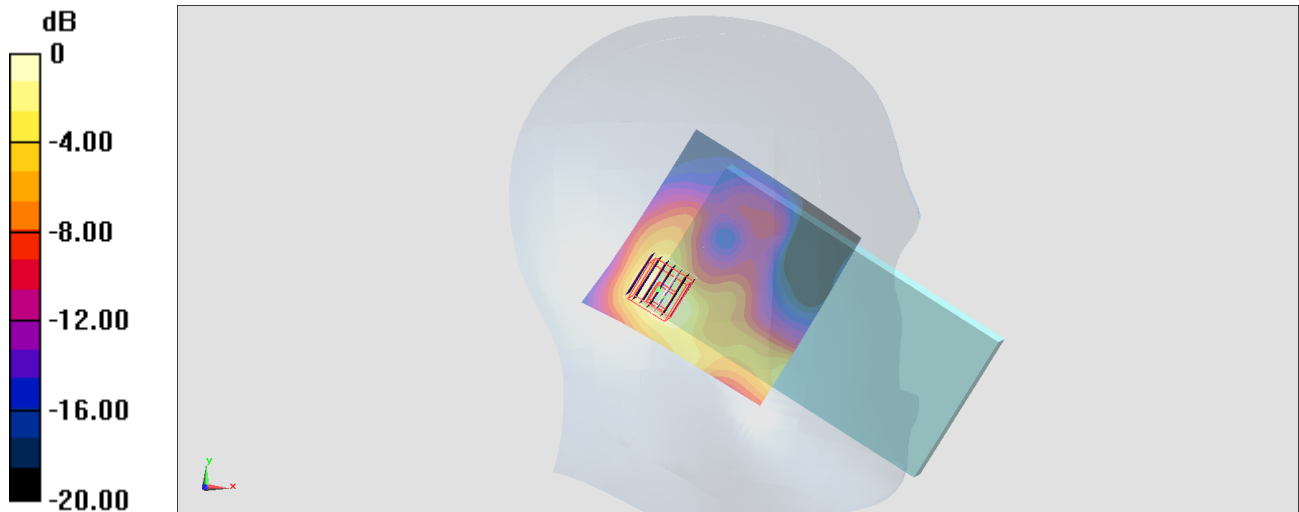
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.22 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.220 W/kg**

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



0 dB = 0.912 W/kg = -0.40 dBW/kg

**#11\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_Ch157**

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5G\_180531 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.127$  S/m;  $\epsilon_r = 36.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.12, 5.12, 5.12); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

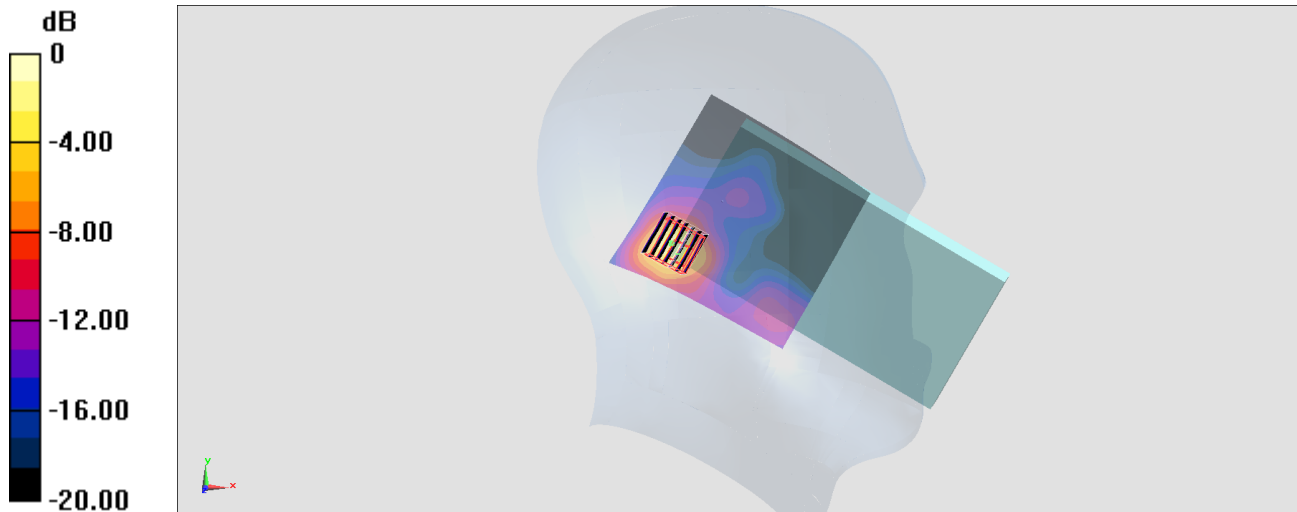
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.59 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.55 W/kg

**SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.276 W/kg**

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg = 3.20 dBW/kg

**#12\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_180413 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 55.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.09, 8.09, 8.09); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.977 W/kg

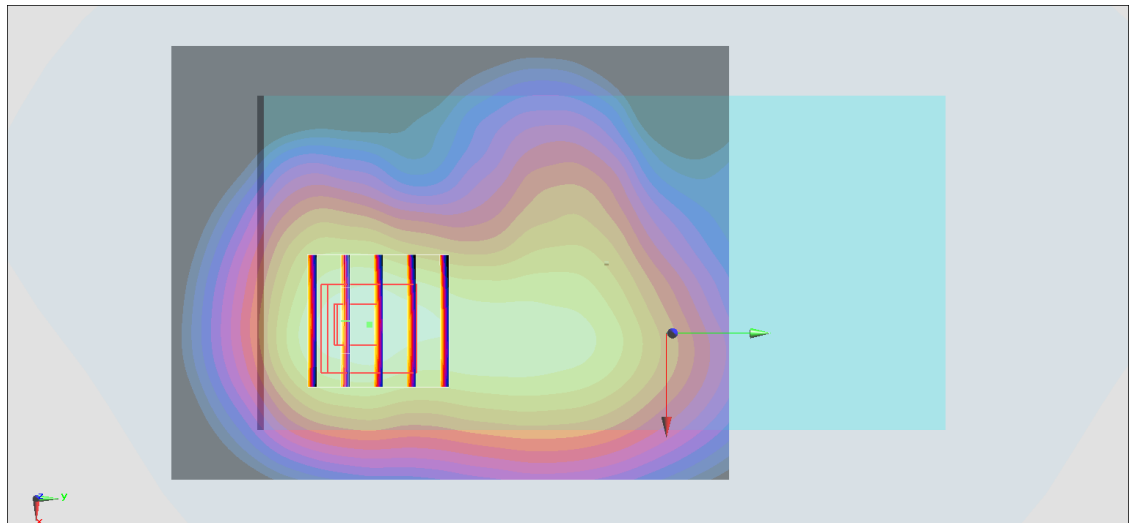
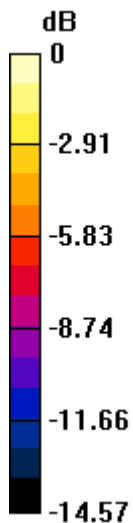
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.58 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.424 W/kg**

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

### #13\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233

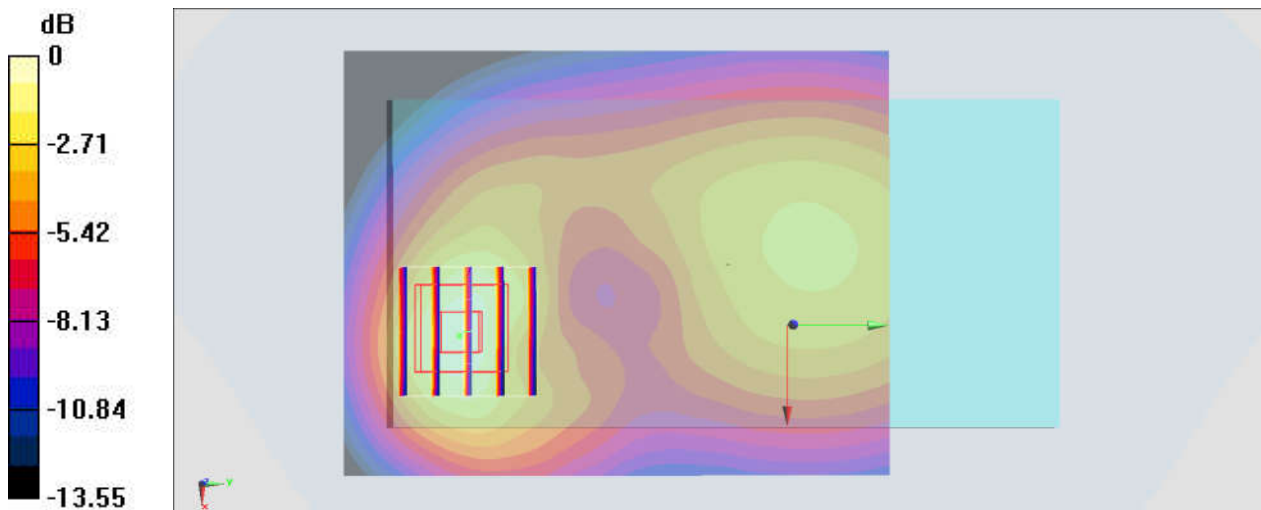
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_180416 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.948$  S/m;  $\epsilon_r = 55.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.509 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.71 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.732 W/kg  
**SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.253 W/kg**  
Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.530 W/kg = -2.76 dBW/kg

**#14\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch18900**

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

Medium: MSL\_1900\_180413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  S/m;  $\epsilon_r = 55.375$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.09, 8.09, 8.09); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 0.991 W/kg

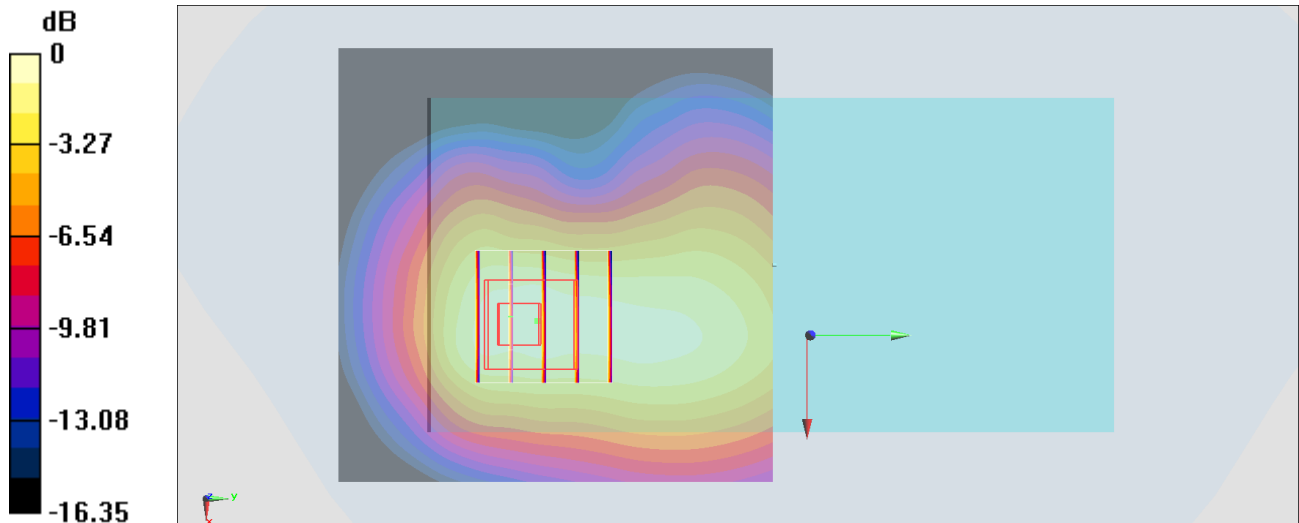
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.40 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.460 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

## #15\_LTE Band 4\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_180413 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.423 \text{ S/m}$ ;  $\epsilon_r = 55.066$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.36, 8.36, 8.36); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.928 \text{ W/kg}$

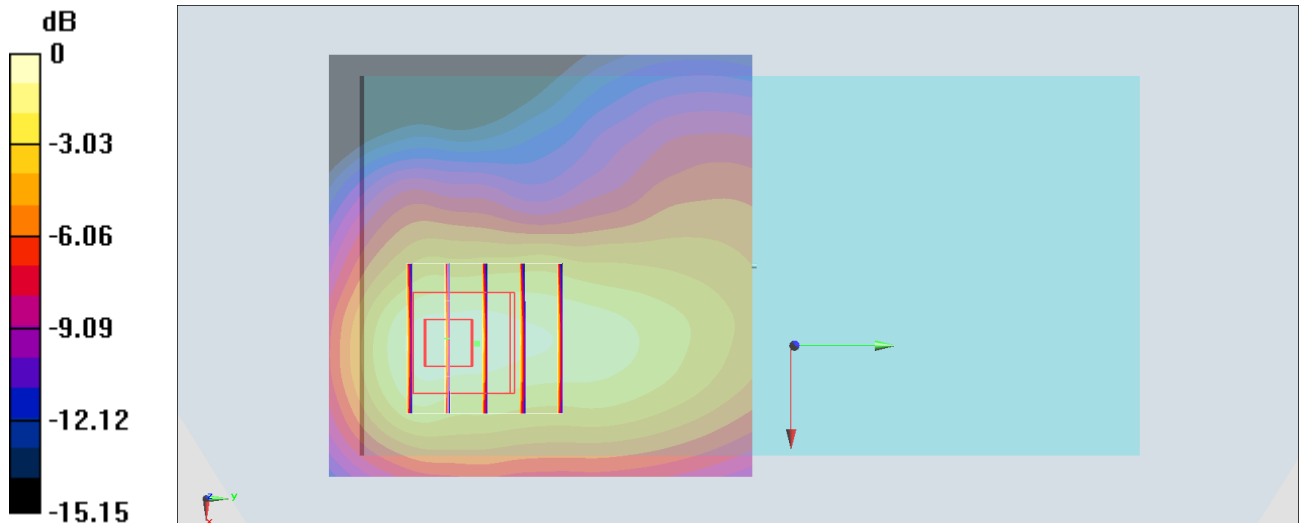
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.92 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $1.11 \text{ W/kg}$

**SAR(1 g) =  $0.729 \text{ W/kg}$ ; SAR(10 g) =  $0.450 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.993 \text{ W/kg}$



$0 \text{ dB} = 0.993 \text{ W/kg} = -0.03 \text{ dBW/kg}$

**#16\_LTE Band 5\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch20525**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_180416 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.938$  S/m;  $\epsilon_r = 56.055$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;

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

- Electronics: DAE4 Sn778; Calibrated: 2017/5/22

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

- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

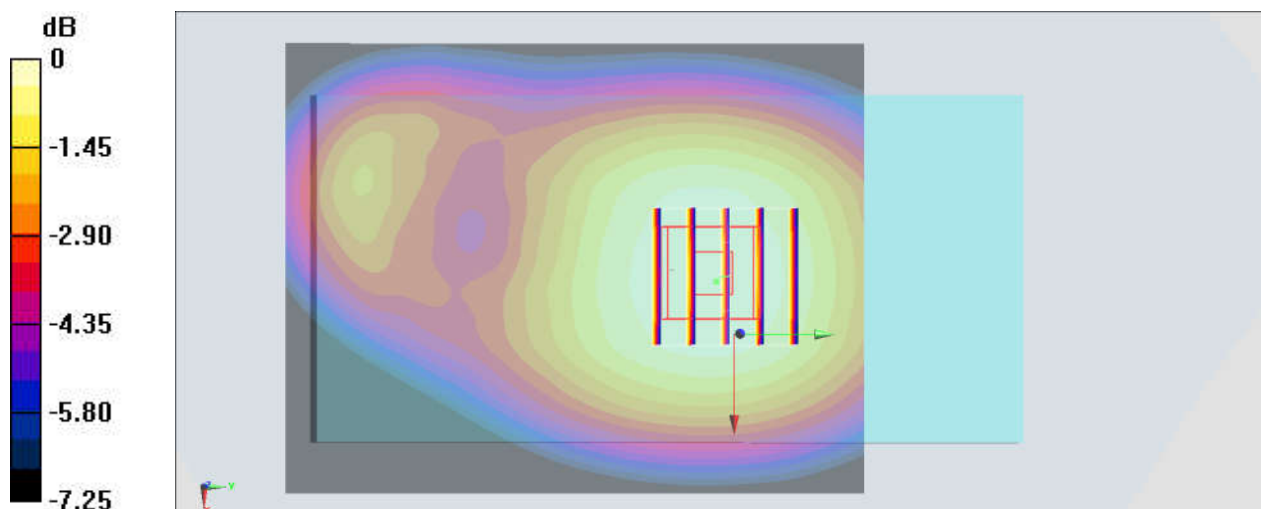
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.60 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.279 W/kg





### #17\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095

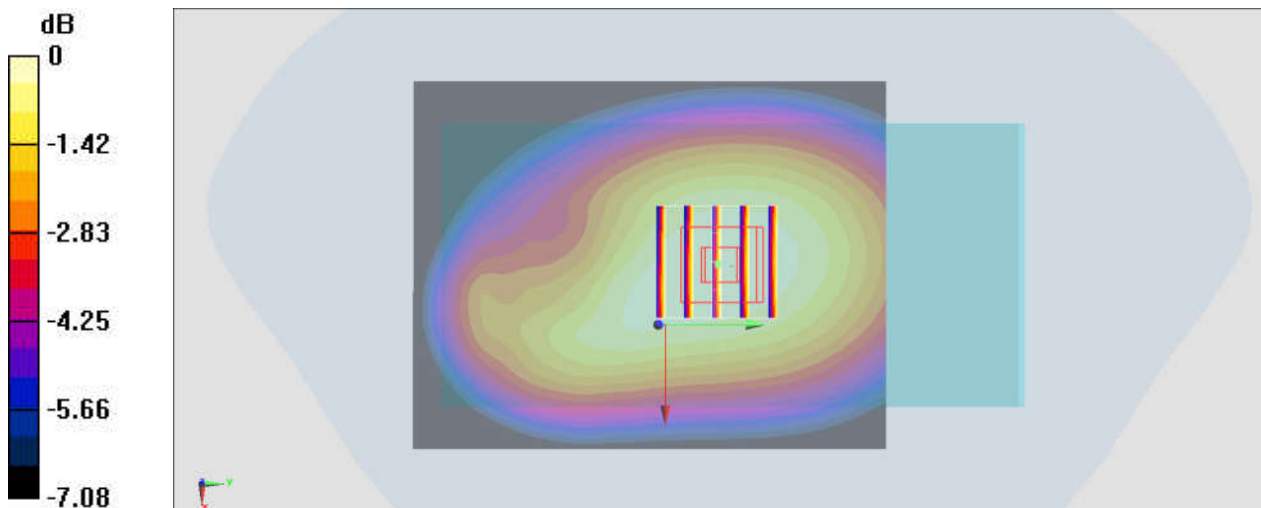
Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_750\_180416 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 54.677$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (0);SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.330 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.25 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.367 W/kg  
**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.240 W/kg**  
Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

## #18\_Bluetooth\_1Mbps\_Back\_10mm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: MSL\_2450\_180603 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 54.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.0548 W/kg

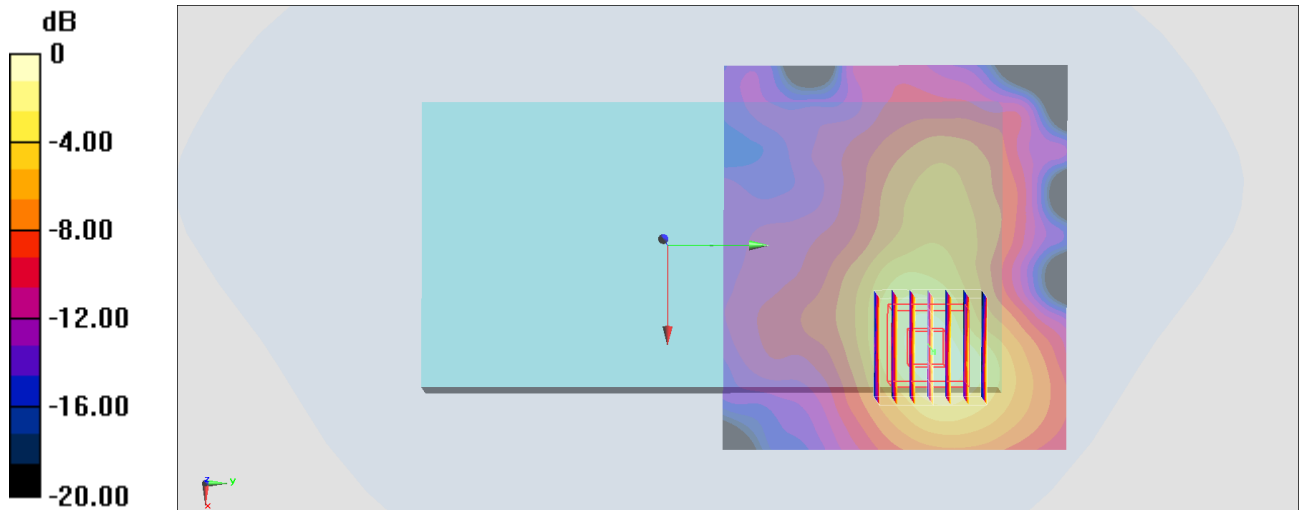
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.168 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0700 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0566 W/kg



0 dB = 0.0566 W/kg = -12.47 dBW/kg

**#19\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.029

Medium: MSL\_2450\_180603 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.931$  S/m;  $\epsilon_r = 54.944$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7437)

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

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

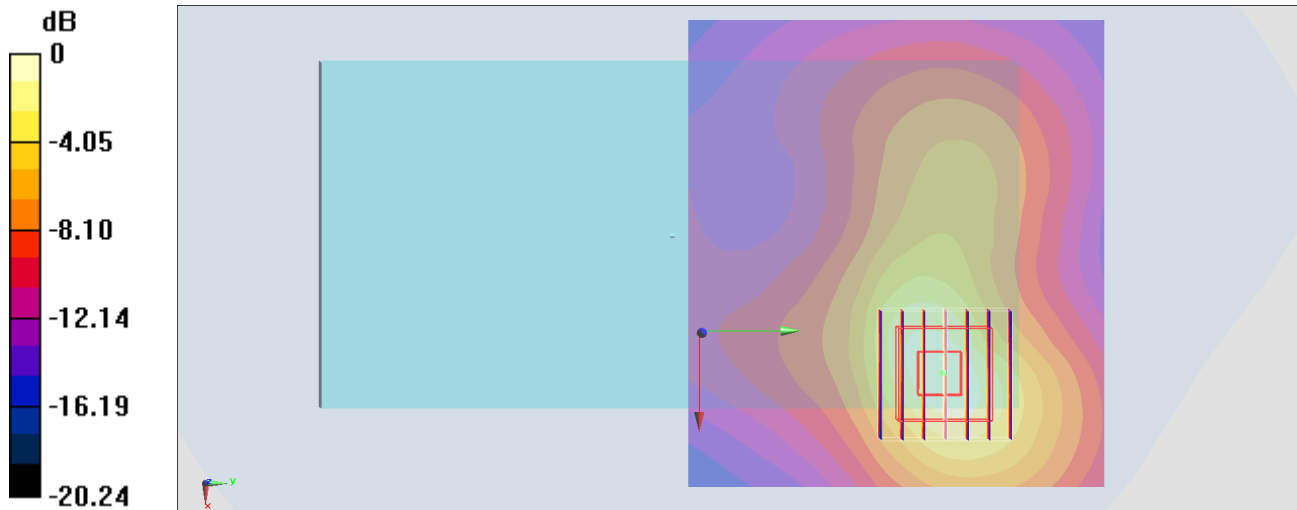
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.55 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.390 W/kg**

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

## #20\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_180602 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.004$  S/m;  $\epsilon_r = 46.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.52, 4.52, 4.52); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 1.31 W/kg

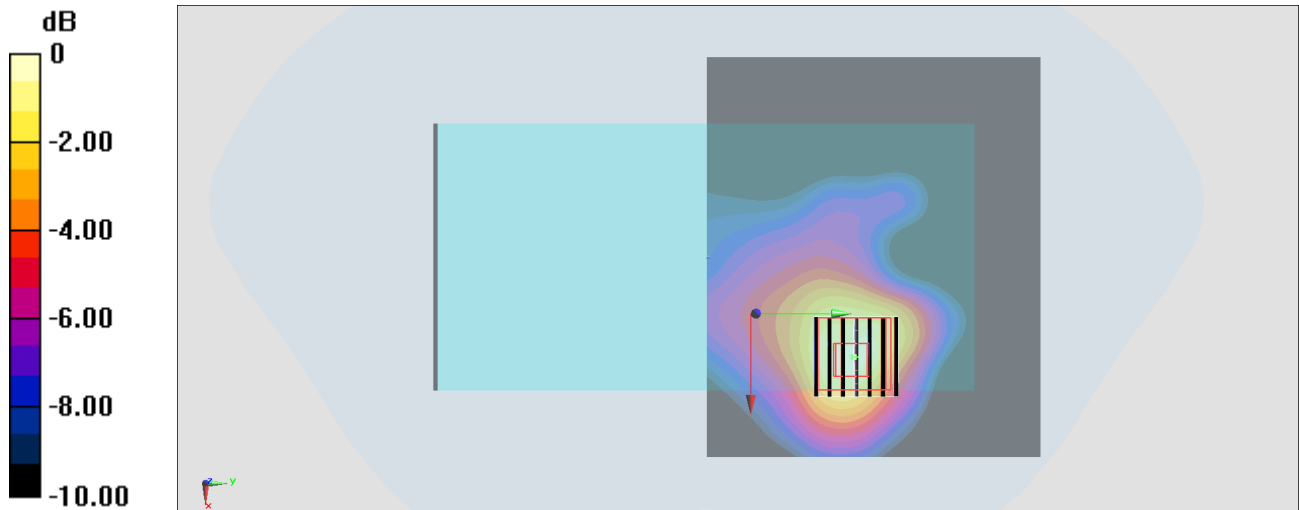
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.685 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.34 W/kg

**SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.252 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

**#21\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_180413 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 55.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.09, 8.09, 8.09); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.977 W/kg

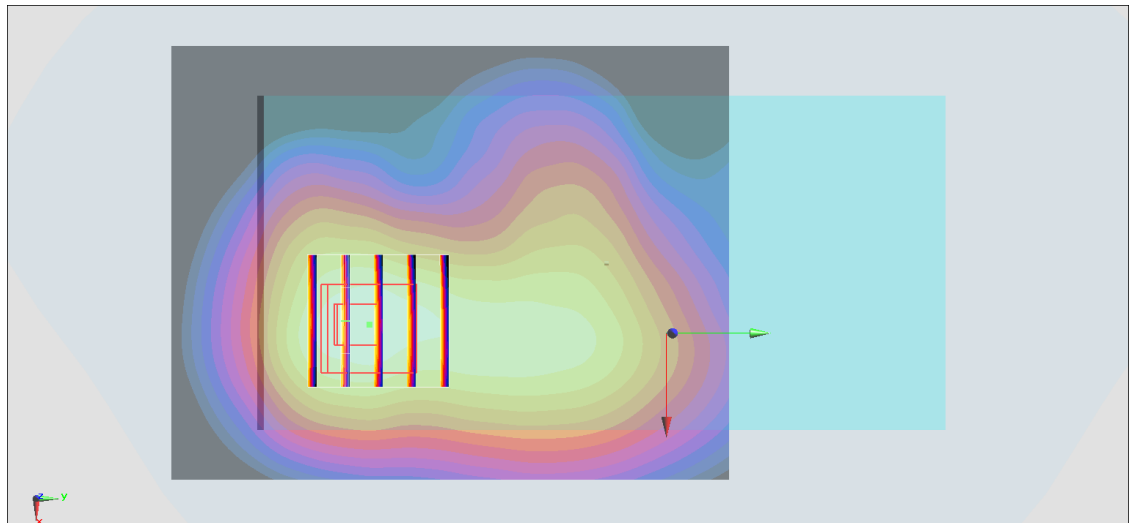
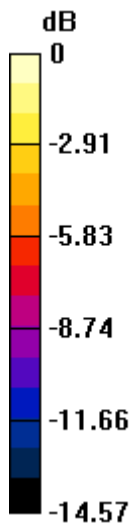
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.58 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.424 W/kg**

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

### #22\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4233

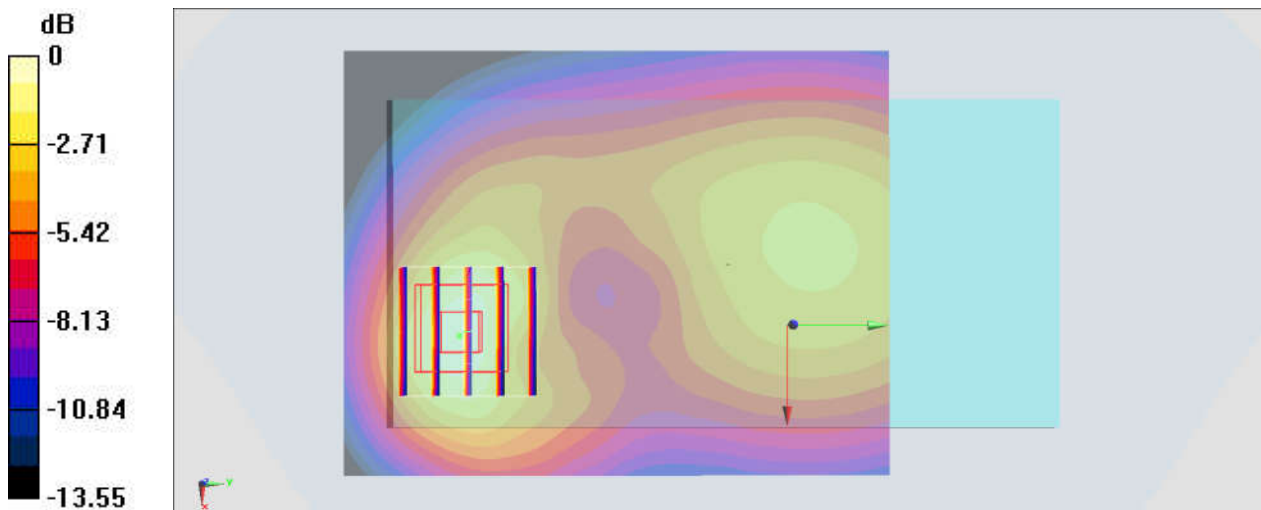
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_180416 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.948$  S/m;  $\epsilon_r = 55.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.509 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.71 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.732 W/kg  
**SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.253 W/kg**  
Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.530 W/kg = -2.76 dBW/kg

**#23\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch18900**

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

Medium: MSL\_1900\_180413 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.533$  S/m;  $\epsilon_r = 55.375$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.09, 8.09, 8.09); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 0.991 W/kg

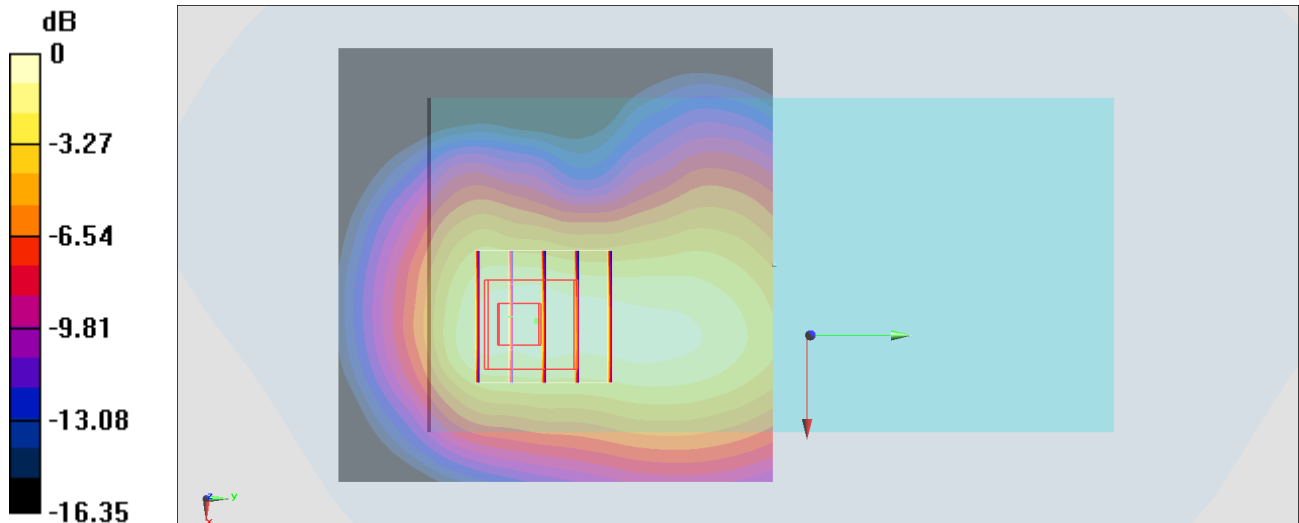
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.40 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.460 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



## #24\_LTE Band 4\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_180413 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.423 \text{ S/m}$ ;  $\epsilon_r = 55.066$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.36, 8.36, 8.36); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.928 \text{ W/kg}$

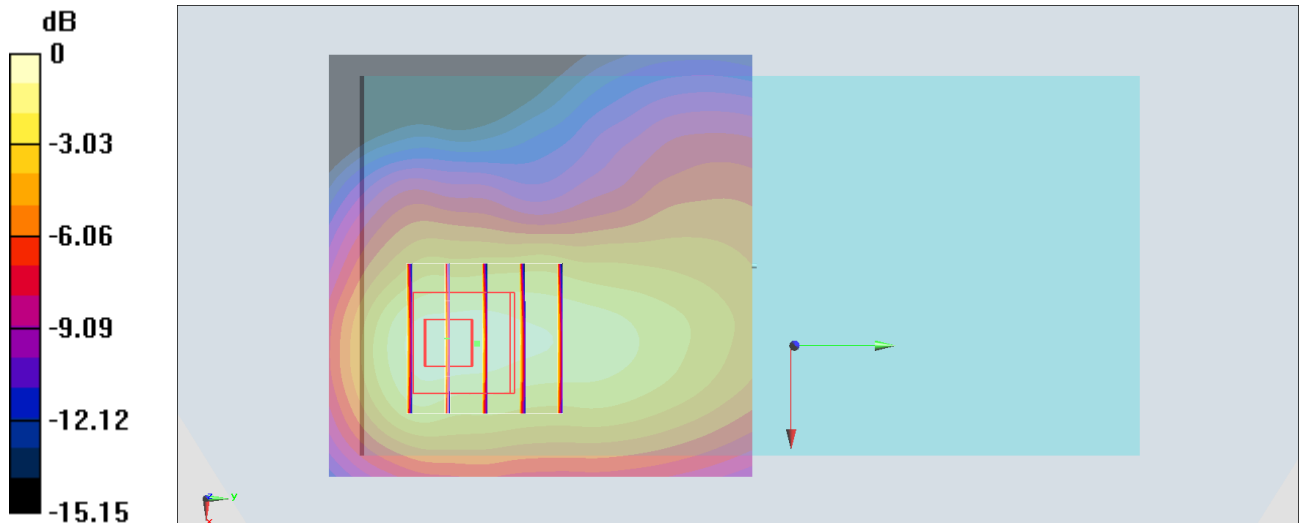
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.92 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $1.11 \text{ W/kg}$

**SAR(1 g) =  $0.729 \text{ W/kg}$ ; SAR(10 g) =  $0.450 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.993 \text{ W/kg}$



0 dB =  $0.993 \text{ W/kg}$  =  $-0.03 \text{ dBW/kg}$



### #25\_LTE Band 5\_10M\_QPSK\_1\_0\_Front\_10mm\_Ch20525

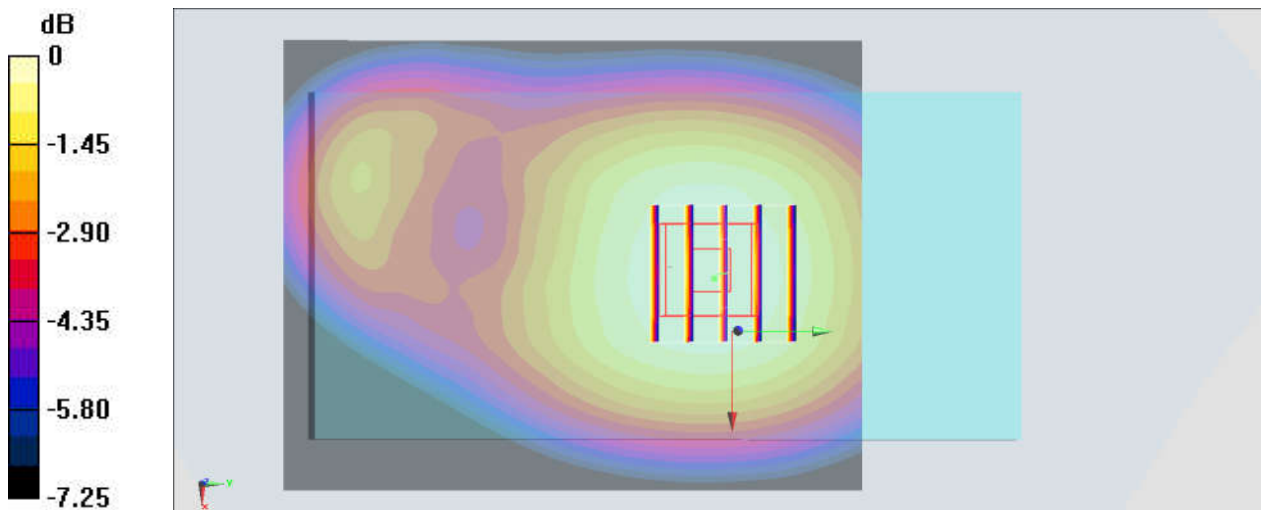
Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_180416 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.938$  S/m;  $\epsilon_r = 56.055$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.278 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.60 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.315 W/kg  
**SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.202 W/kg**  
Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg

### #26\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095

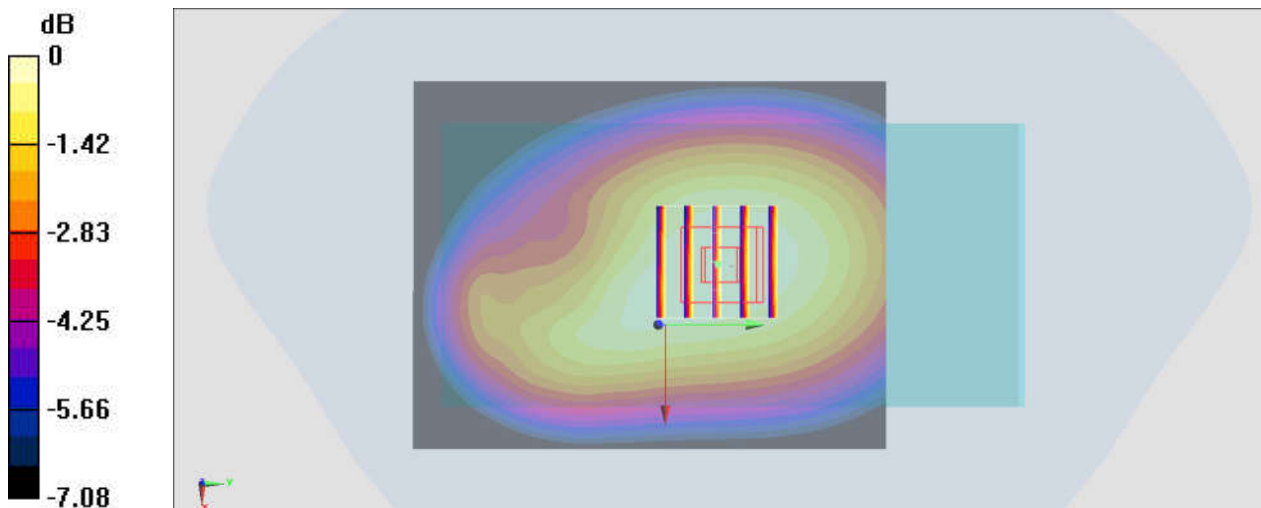
Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1  
Medium: MSL\_750\_180416 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.934$  S/m;  $\epsilon_r = 54.677$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (0);SEMCAD X Version 14.6.10 (7417)

**Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.330 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.25 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.367 W/kg  
**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.240 W/kg**  
Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

## #27\_Bluetooth\_1Mbps\_Back\_10mm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: MSL\_2450\_180603 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 54.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.0548 W/kg

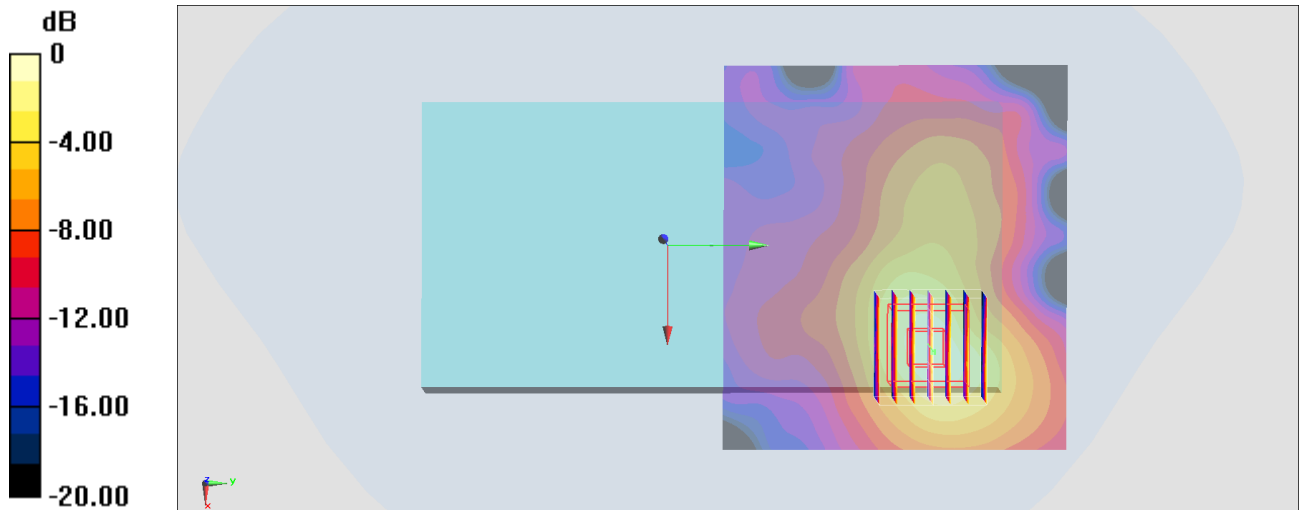
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.168 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0700 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0566 W/kg



0 dB = 0.0566 W/kg = -12.47 dBW/kg

**#28\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.029

Medium: MSL\_2450\_180603 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.931$  S/m;  $\epsilon_r = 54.944$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.78, 7.78, 7.78); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

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

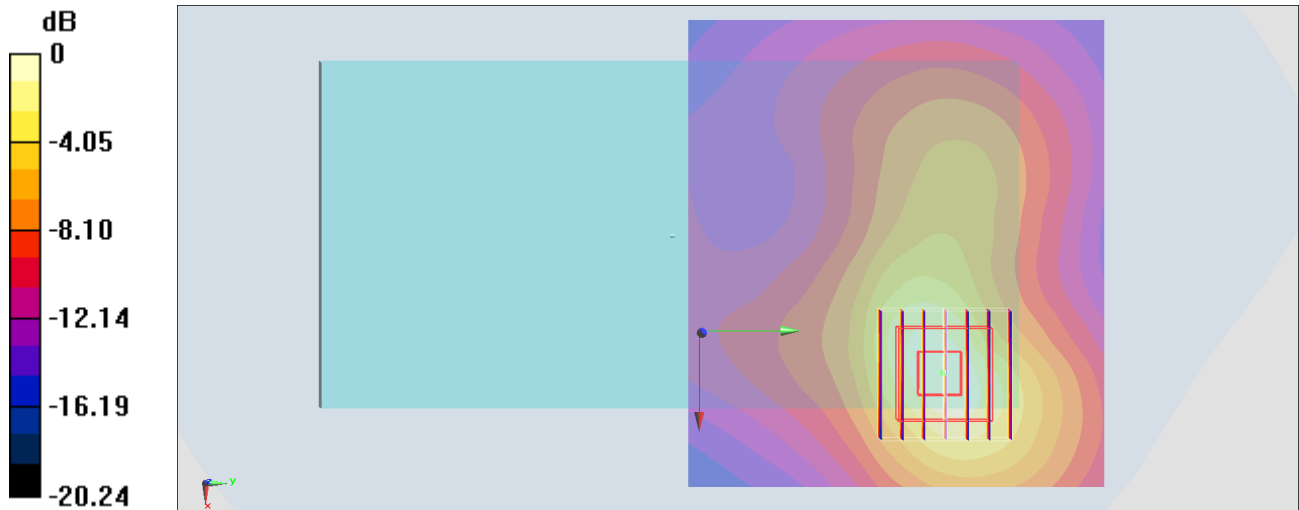
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.55 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.390 W/kg**

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

## #29\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch56

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_180602 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.332$  S/m;  $\epsilon_r = 47.395$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.06, 5.06, 5.06); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.321 W/kg

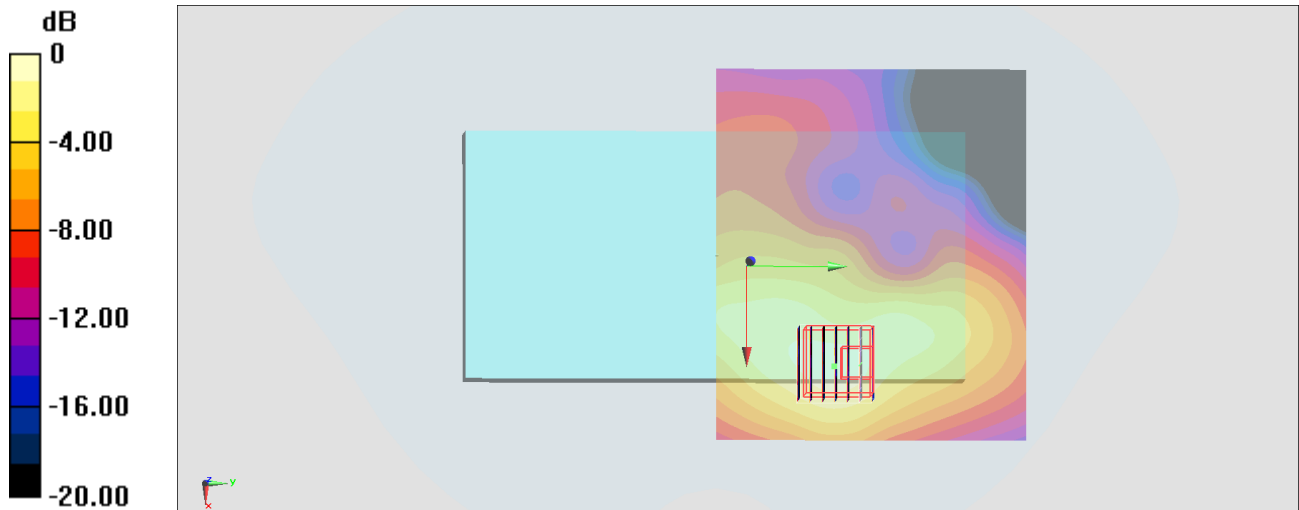
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.425 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.553 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

**#30\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch132**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_180602 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.829$  S/m;  $\epsilon_r = 46.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.35, 4.35, 4.35); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

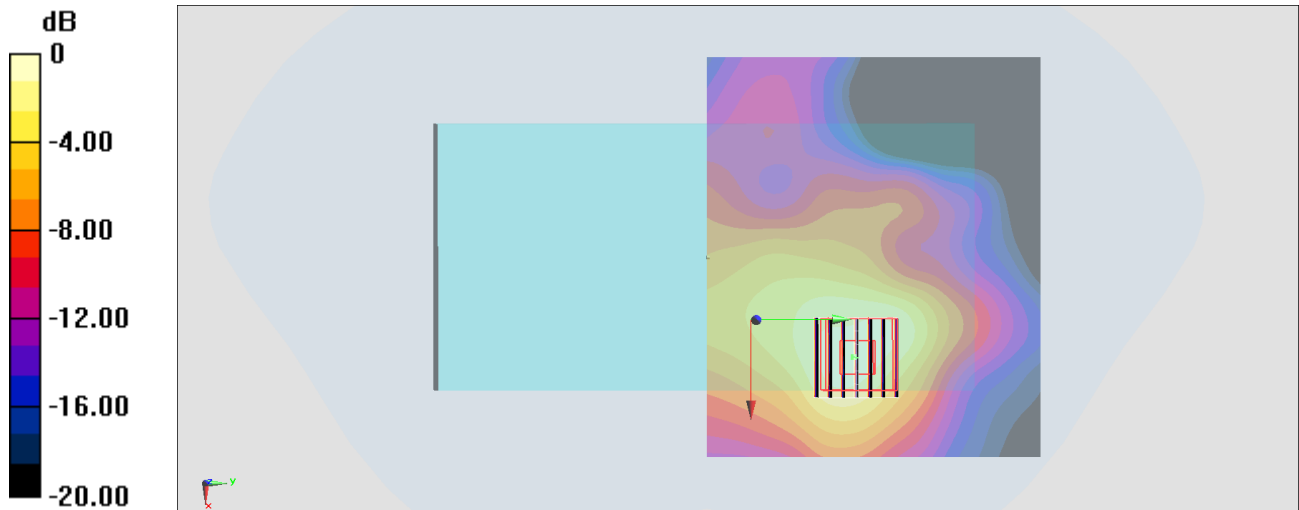
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 16.82 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.258 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

**#31\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch56**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_180602 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.332$  S/m;  $\epsilon_r = 47.395$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.06, 5.06, 5.06); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

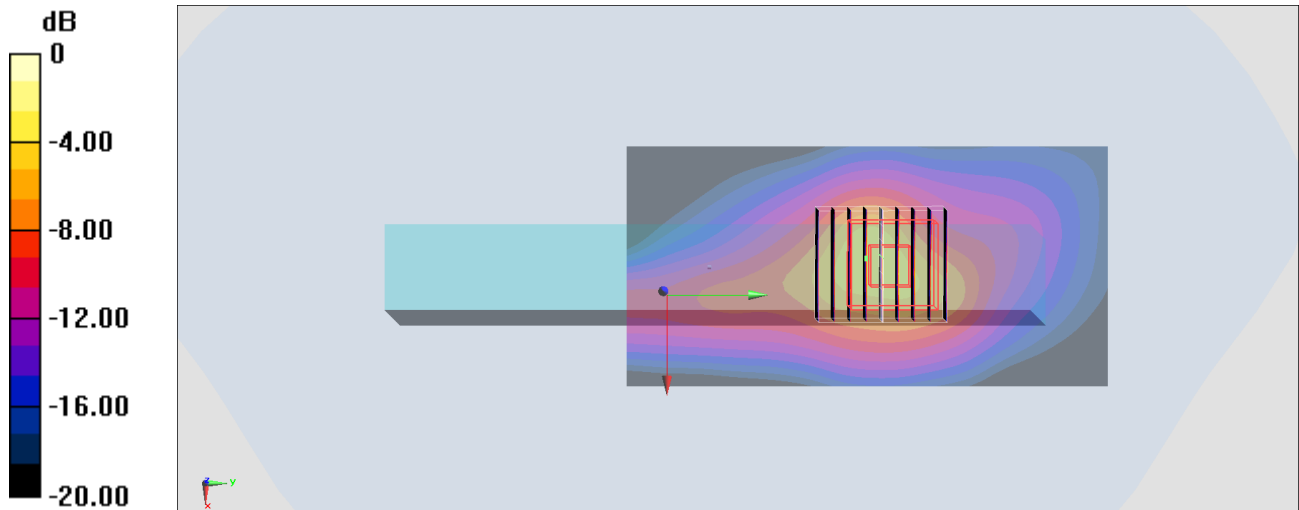
**Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.10 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 6.43 W/kg

**SAR(1 g) = 1.67 W/kg; SAR(10 g) = 0.521 W/kg**

Maximum value of SAR (measured) = 3.84 W/kg



0 dB = 3.84 W/kg = 5.84 dBW/kg

**#32\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch132**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_180602 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.829$  S/m;  $\epsilon_r = 46.707$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.35, 4.35, 4.35); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

**Area Scan (61x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.40 W/kg

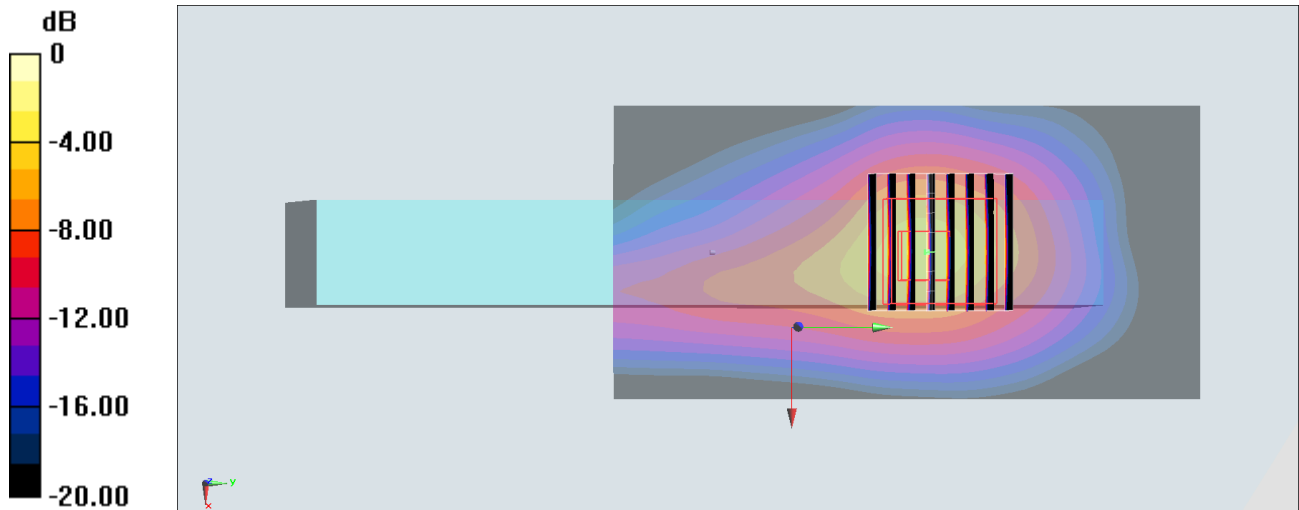
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 31.41 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.8 W/kg

**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 0.728 W/kg**

Maximum value of SAR (measured) = 6.70 W/kg



0 dB = 6.70 W/kg = 8.26 dBW/kg