

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

Communication System: GSM850 ; Frequency: 824.2 MHz;Duty Cycle: 1:2.08  
Medium: HSL\_835\_160302 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.626$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature: 23.3 °C ; Liquid Temperature: 22.5 °C**

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.15, 10.15, 10.15); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.376 W/kg

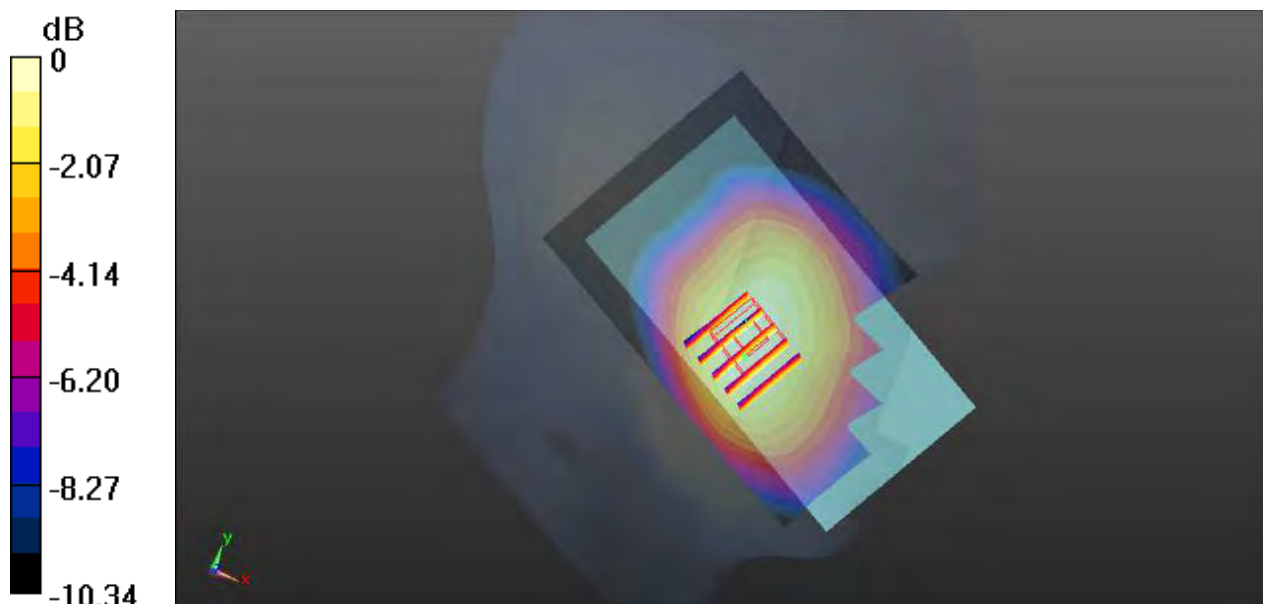
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.376 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.256 W/kg**

Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.376 W/kg

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

Communication System: GSM1900 ; Frequency: 1880 MHz;Duty Cycle: 1:2.08  
 Medium: HSL\_1900\_160303 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 40.114$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
**Ambient Temperature: 23.5 °C ; Liquid Temperature: 22.6 °C**

### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.37, 8.37, 8.37); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.332 W/kg

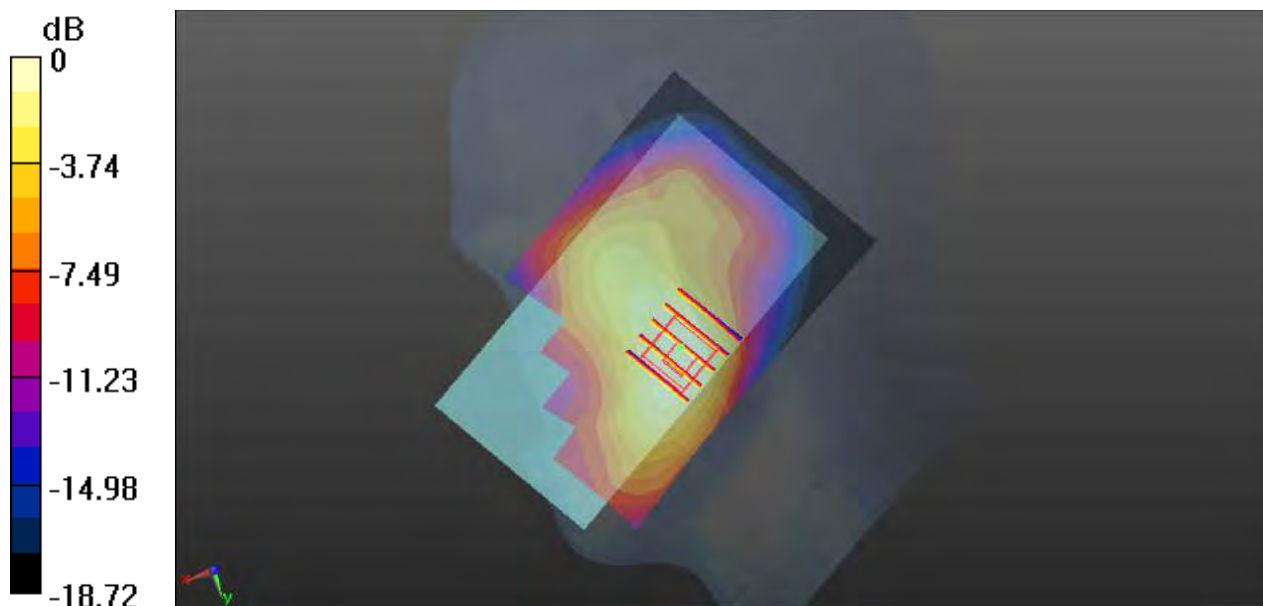
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.9640 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.406 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.330 W/kg



0 dB = 0.332 W/kg

### #03\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1  
 Medium: HSL\_1900\_160303 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.396$  S/m;  $\epsilon_r = 40.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.5 °C ; **Liquid Temperature:** 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.37, 8.37, 8.37); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.892 W/kg

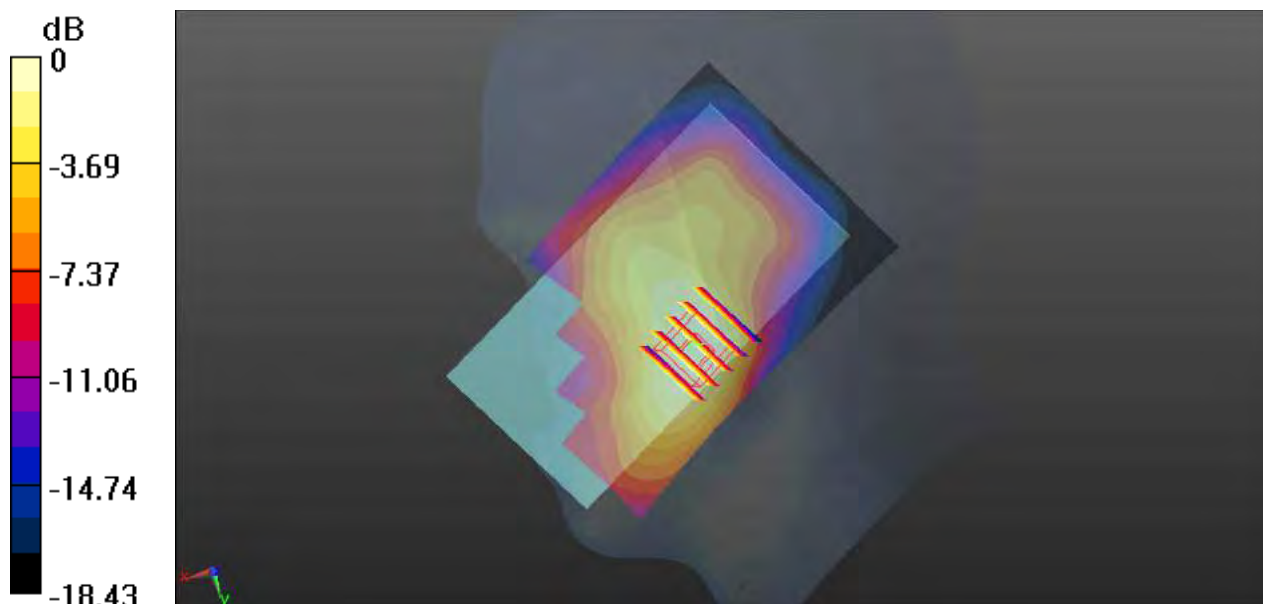
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.685 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.453 W/kg**

Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.892 W/kg

### #04\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz;Duty Cycle: 1:1  
Medium: HSL\_835\_160302 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.15, 10.15, 10.15); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.329 W/kg

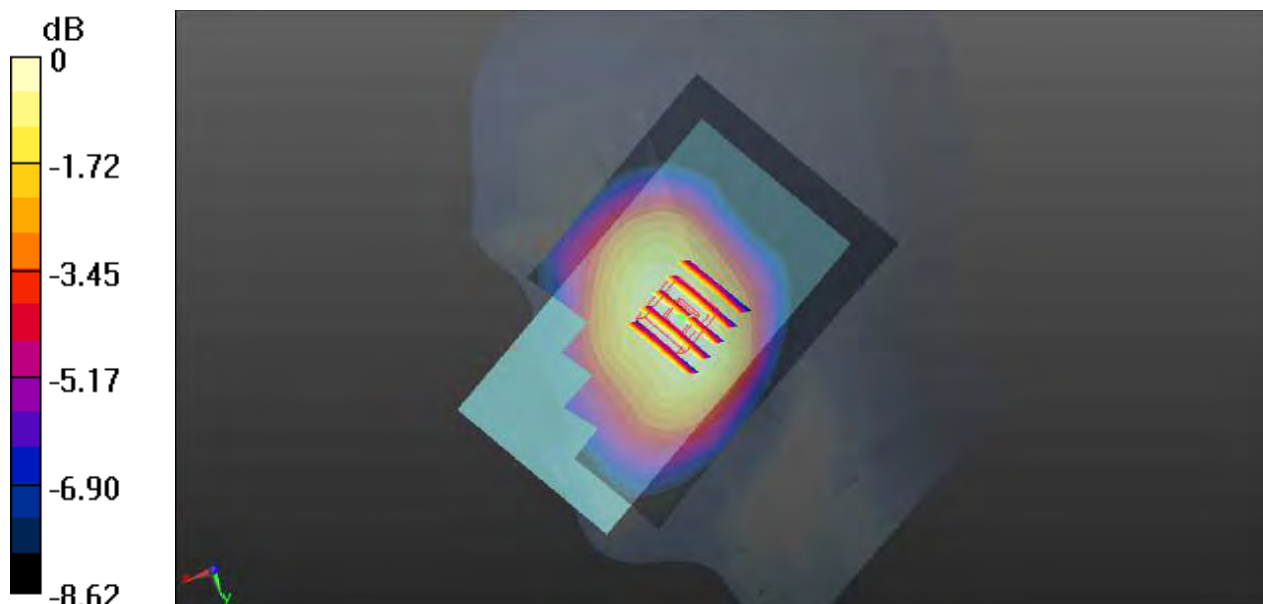
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.410 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.351 W/kg

**SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 0.330 W/kg



### #05\_LTE Band 5\_10M\_QPSK\_1RB\_25Offset\_Left Cheek\_Ch20525

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

Medium: HSL\_835\_160302 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.15, 10.15, 10.15); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch20525/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.408 W/kg

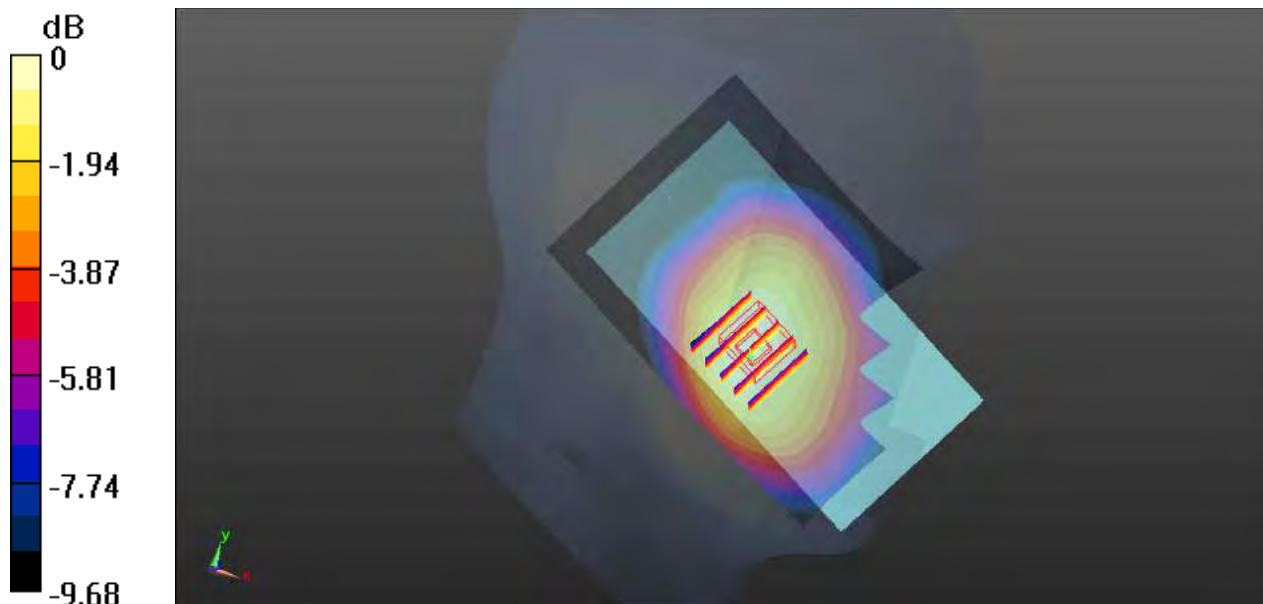
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.014 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.422 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.408 W/kg

## #06\_LTE Band 7\_20M\_QPSK\_1RB\_49Offset\_Left Cheek\_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_160303 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.005$  S/m;  $\epsilon_r = 38.221$ ;

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

**Ambient Temperature:** 23.4 °C ; **Liquid Temperature:** 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.26, 7.26, 7.26); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Ch21350/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.689 W/kg

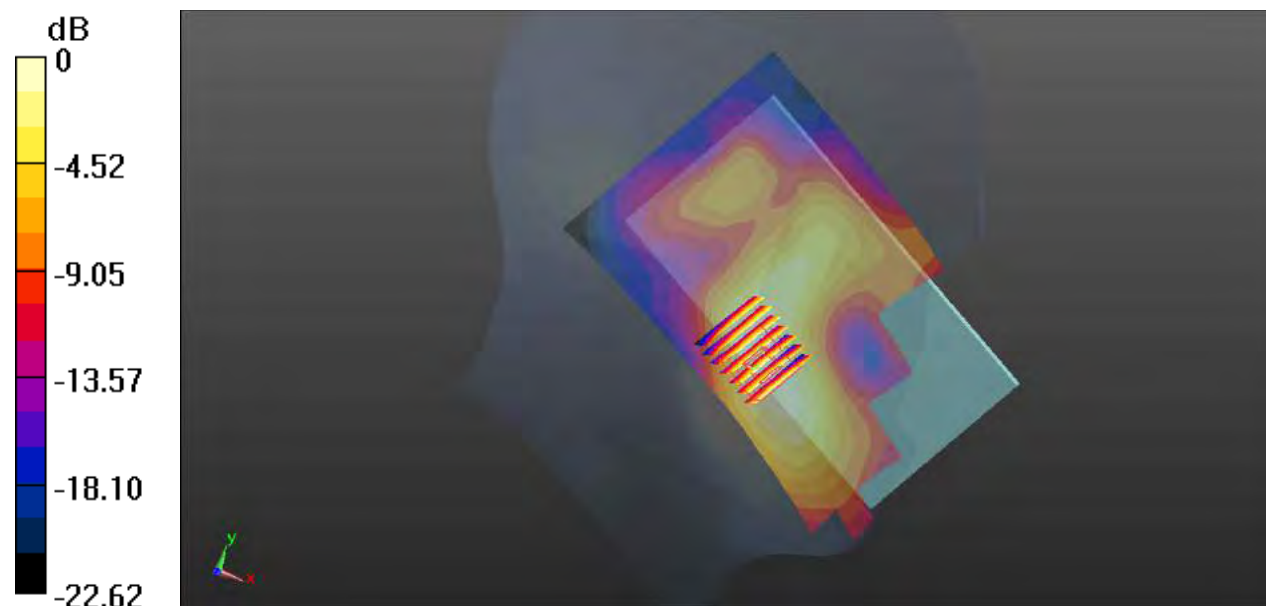
**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.018 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.921 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.689 W/kg

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

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

Medium: HSL\_2450\_160305 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 39.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.36, 7.36, 7.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.39 W/kg

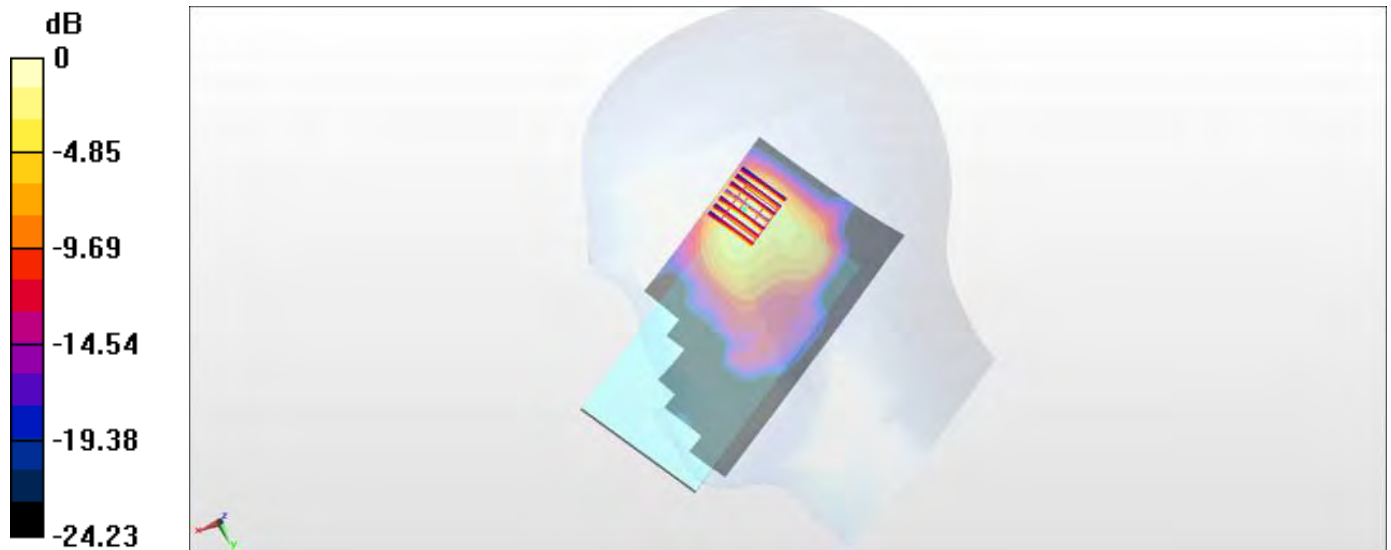
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.77 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.431 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

## #08\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5G\_160303 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.52$  S/m;  $\epsilon_r = 35.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch52/Area Scan (101x181x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
 Maximum value of SAR (interpolated) = 0.561 W/kg

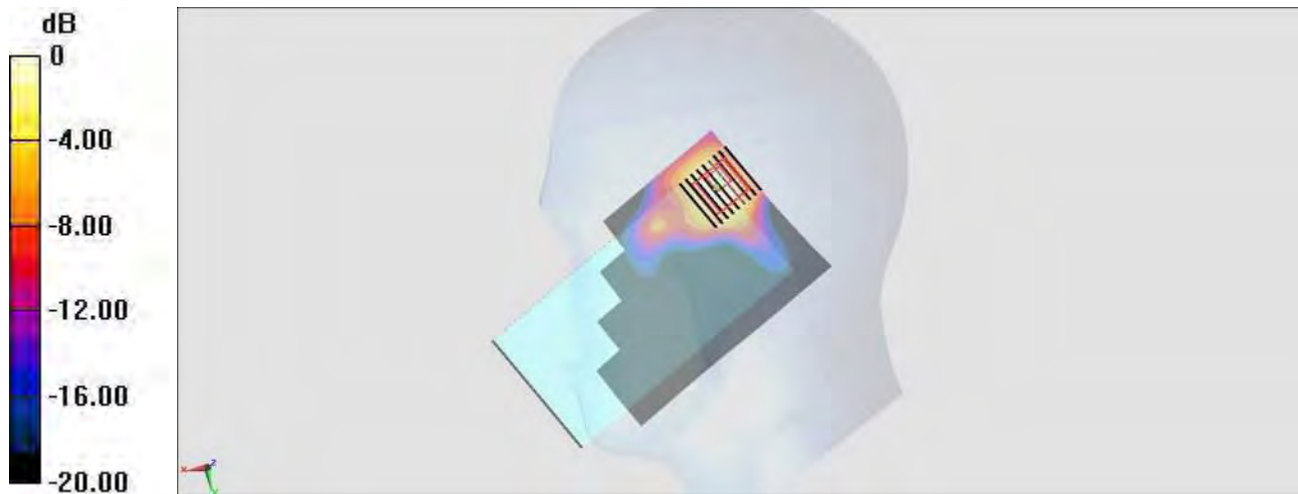
**Configuration/Ch52/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 10.03 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

### #09\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch100

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.146  
Medium: HSL\_5G\_160307 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.923$  mho/m;  $\epsilon_r = 34.351$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.79, 4.79, 4.79); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch100/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.542 mW/g

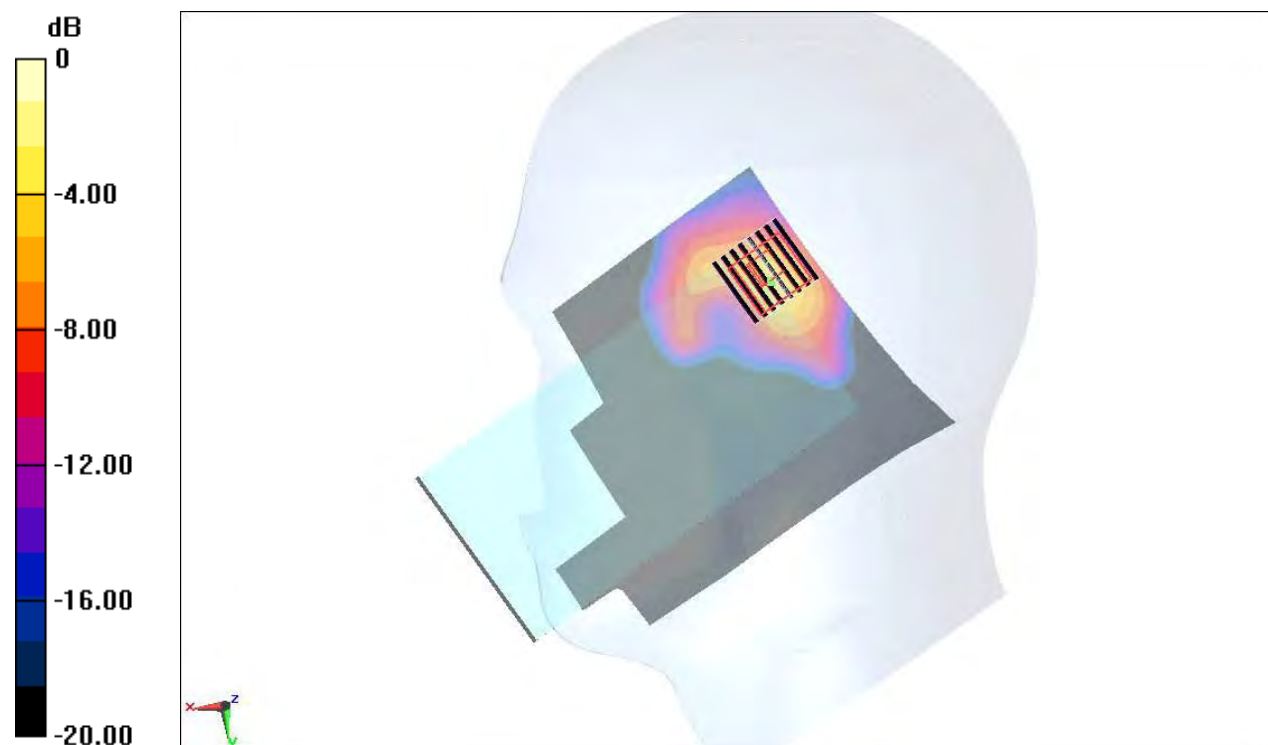
**Configuration/Ch100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.115 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.222 mW/g

**SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 1.34 mW/g



0 dB = 1.34 mW/g = 2.54 dB mW/g

## #10\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch165

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.146  
 Medium: HSL\_5G\_160307 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.249$  mho/m;  $\epsilon_r = 33.898$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.72, 4.72, 4.72); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY4, Version 4.6 (19); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.707 mW/g

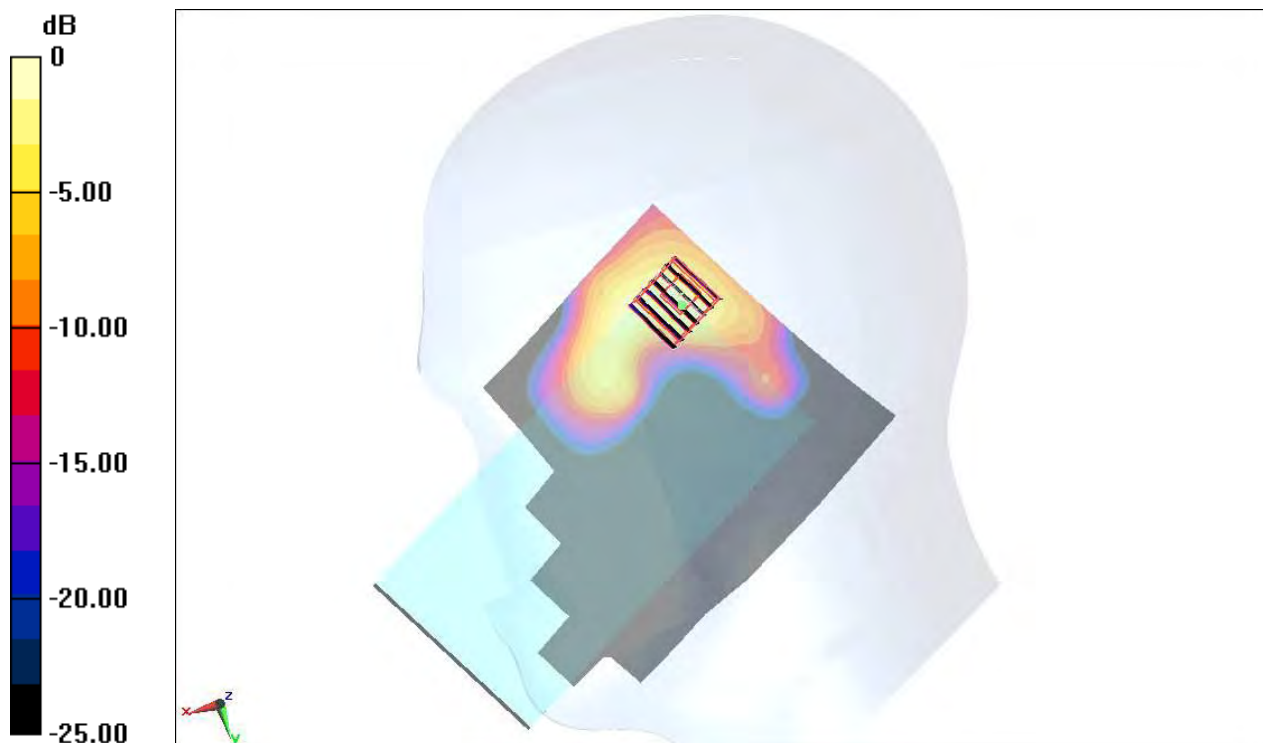
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.942 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.965 mW/g

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.141 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10 mW/g = 0.83 dB mW/g

## #11\_GSM850\_GPRS (4 Tx slots)\_Left Side\_10mm\_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_160308 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.013$  S/m;  $\epsilon_r = 56.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch251/Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.702 W/kg

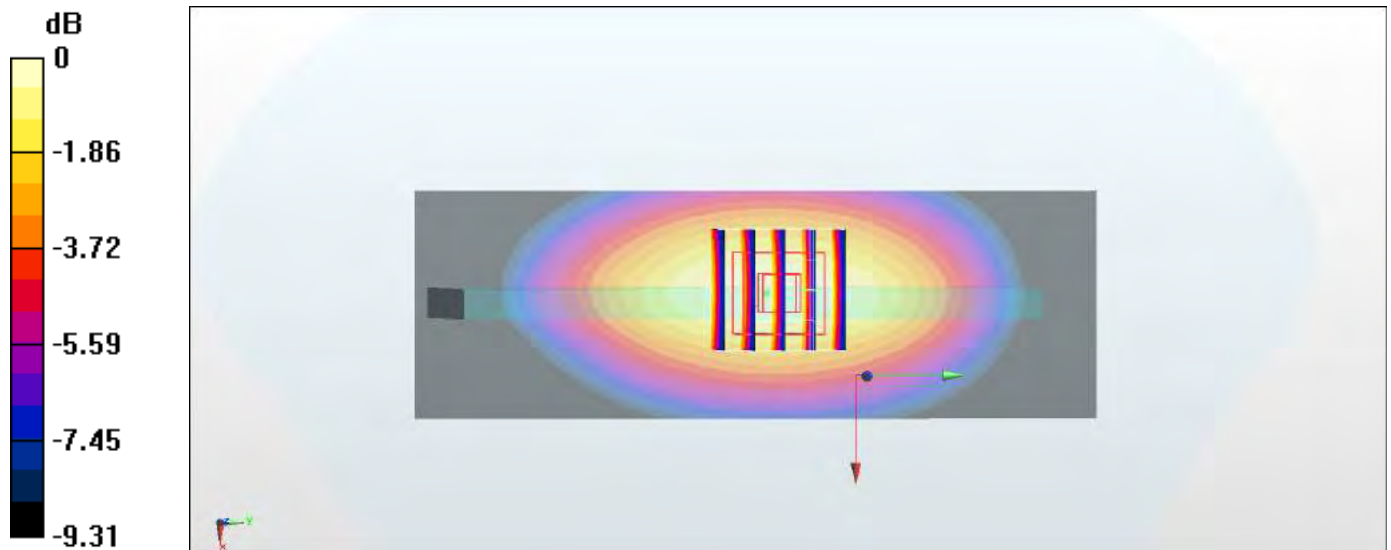
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.31 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.797 W/kg

**SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.375 W/kg**

Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

## #12\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
 Medium: MSL\_1900\_160214 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.563$  mho/m;  $\epsilon_r = 53.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch810/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.843 mW/g

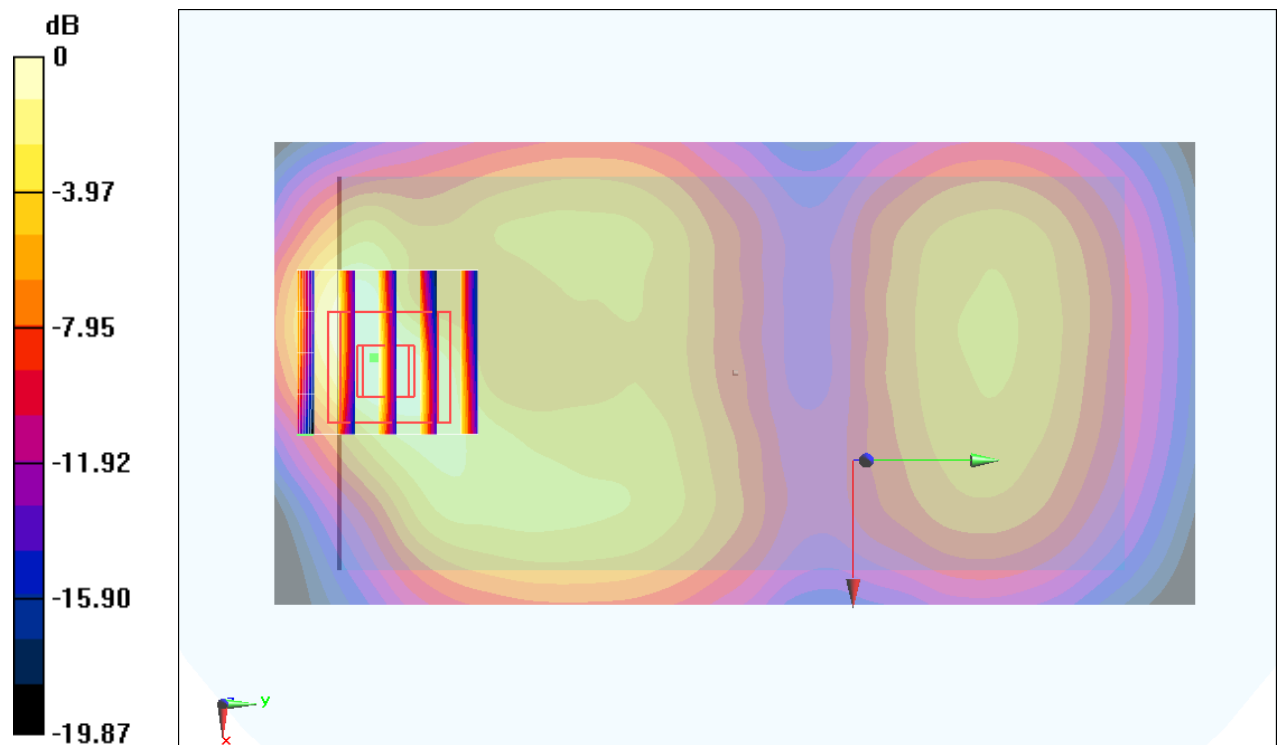
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.722 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.993 mW/g

**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.268 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783 mW/g = -2.12 dB mW/g

### #13\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9400

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

Medium: MSL\_1900\_160408 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch9400/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

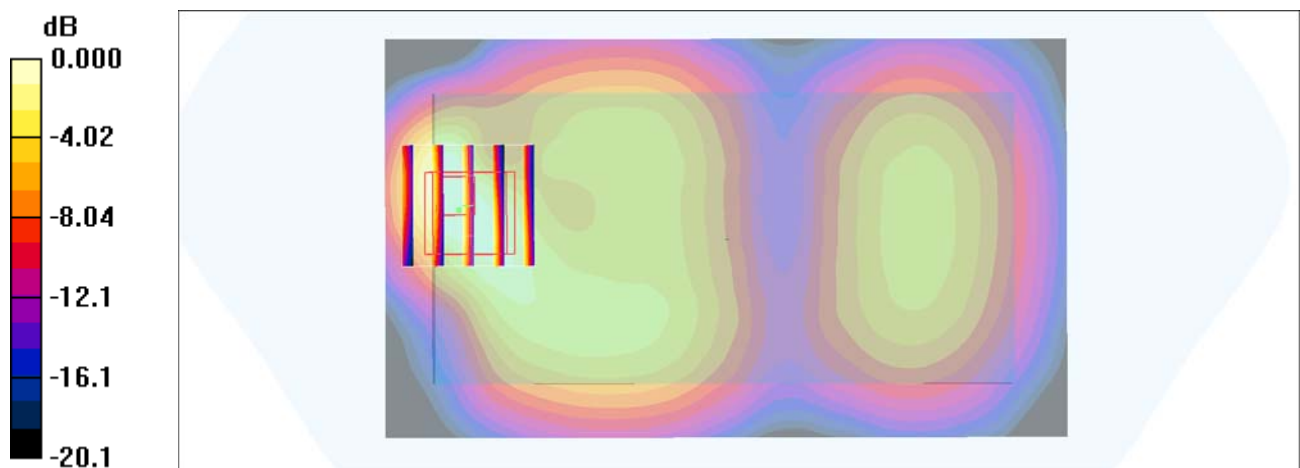
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 0.997mW/g

## #14\_WCDMA V\_RMC 12.2Kbps\_Left Side\_10mm\_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160308 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 56.317$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.809 W/kg

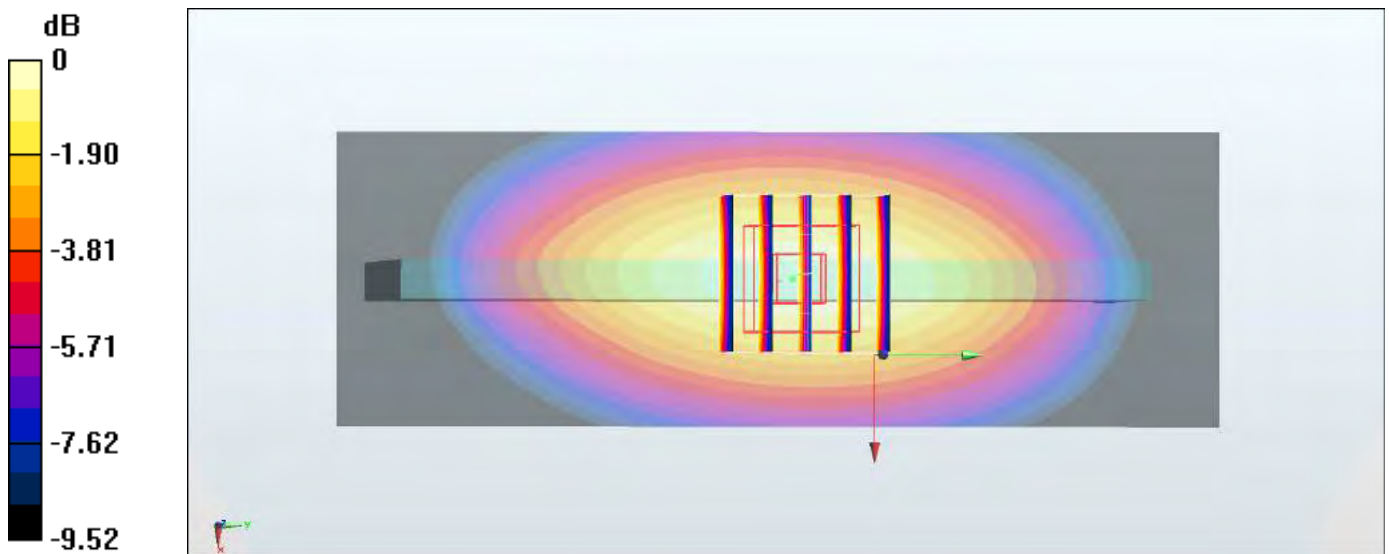
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.22 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.446 W/kg**

Maximum value of SAR (measured) = 0.828 W/kg



0 dB = 0.828 W/kg = -0.82 dBW/kg

### #15\_LTE Band 5\_10M\_QPSK\_1RB\_25Offset\_Left Side\_10mm\_Ch20525

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

Medium: MSL\_850\_160309 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 57.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20525/Area Scan (41x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.795 mW/g

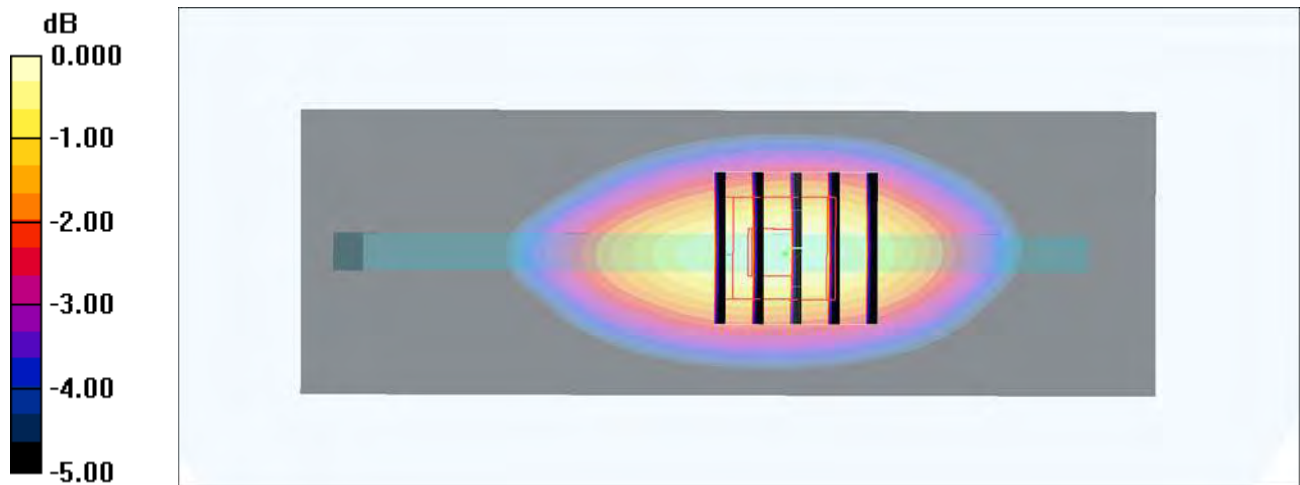
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.436 mW/g**

Maximum value of SAR (measured) = 0.818 mW/g



0 dB = 0.818mW/g

### #16\_LTE Band 7\_20M\_QPSK\_100\_0\_Back\_10mm\_Ch20850

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

Medium: MSL\_2600\_160408 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.08$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20850/Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.31 mW/g

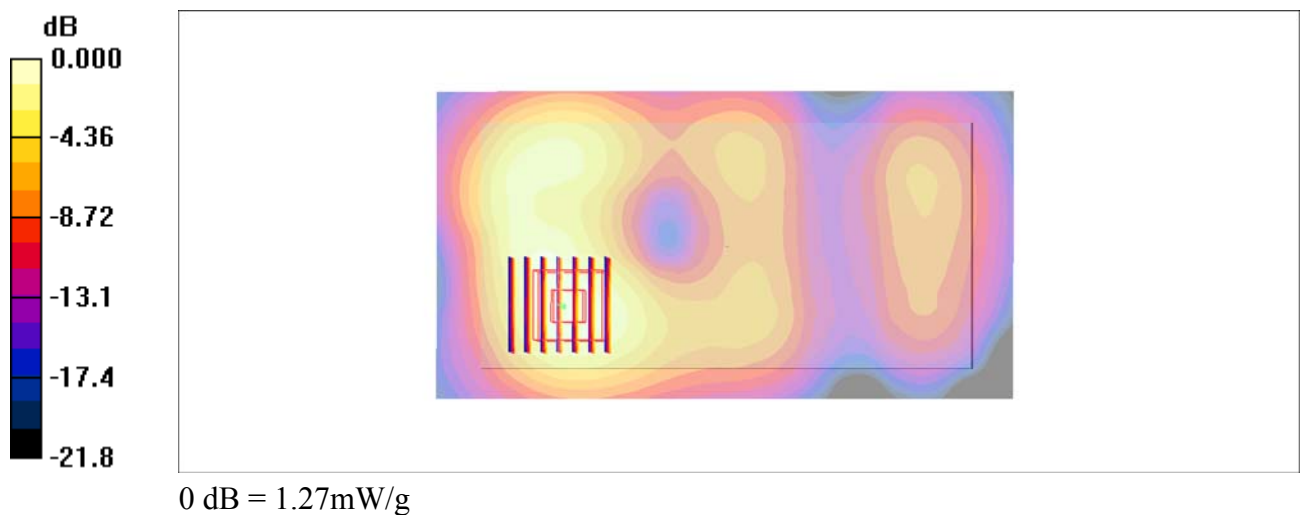
**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



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

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

Medium: MSL\_2450\_160306 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.928$  S/m;  $\epsilon_r = 53.567$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.236 W/kg

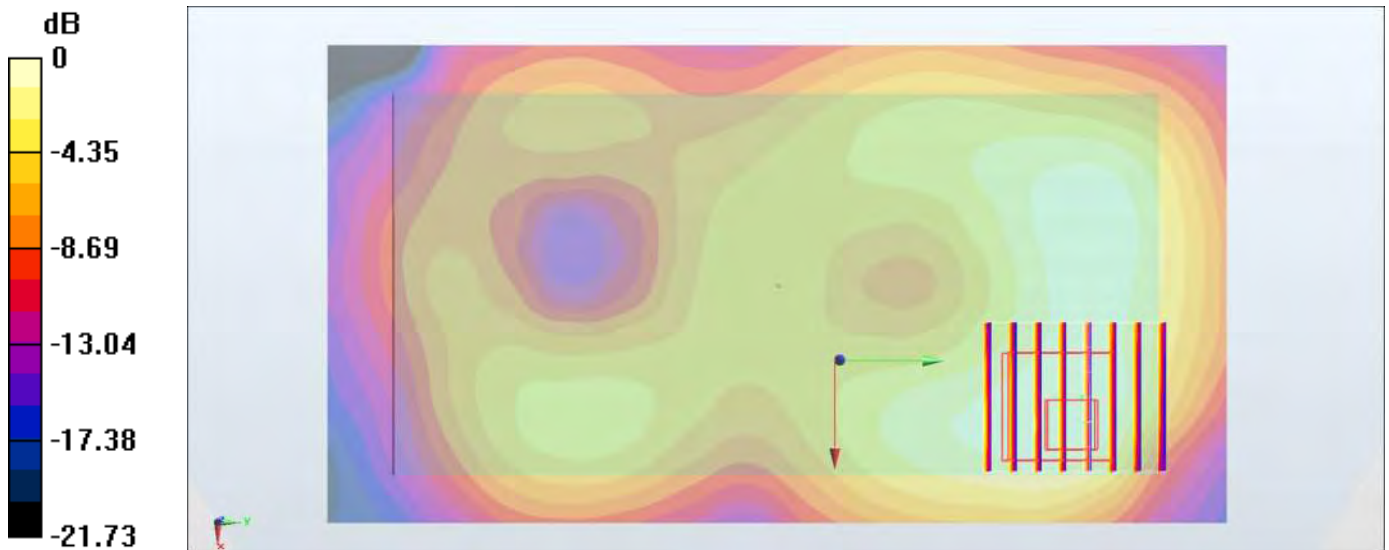
**Configuration/Ch1/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.17 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

### #18\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch36

Communication System: 802.11a ; Frequency: 5180 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160307 Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.443 \text{ S/m}$ ;  $\epsilon_r = 47.183$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch36/Area Scan (101x181x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.384 \text{ W/kg}$

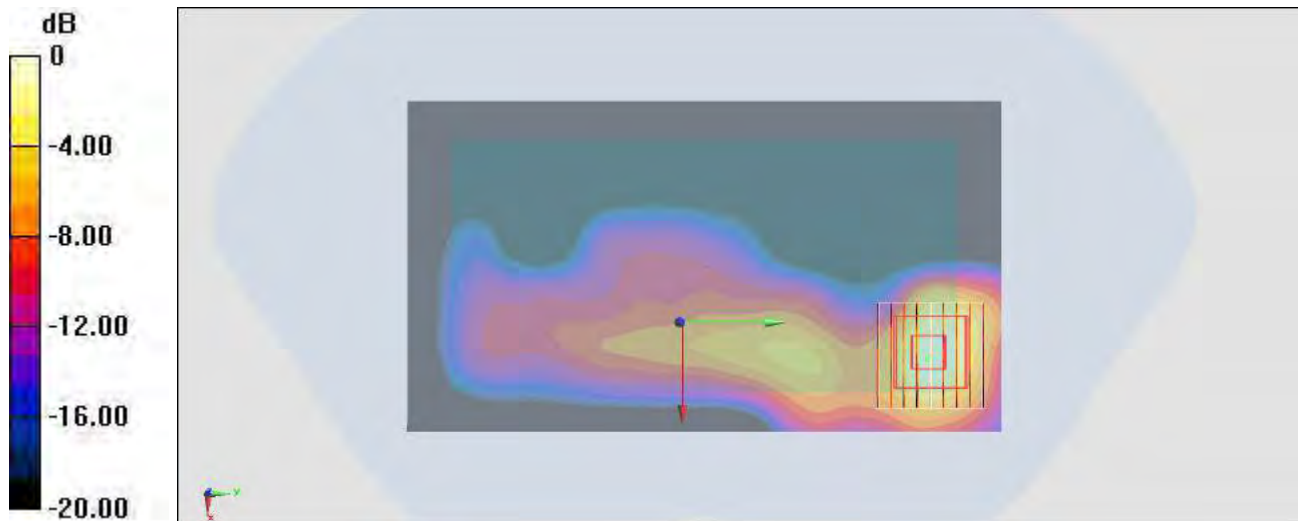
**Configuration/Ch36/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $3.354 \text{ V/m}$ ; Power Drift =  $0.19 \text{ dB}$

Peak SAR (extrapolated) =  $0.695 \text{ W/kg}$

**SAR(1 g) =  $0.187 \text{ W/kg}$ ; SAR(10 g) =  $0.063 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.425 \text{ W/kg}$



$0 \text{ dB} = 0.384 \text{ W/kg} = -4.16 \text{ dBW/kg}$

## #19\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz;Duty Cycle: 1:1.146

Medium: MSL\_5G\_160307 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.286$  S/m;  $\epsilon_r = 46.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch165/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.665 W/kg

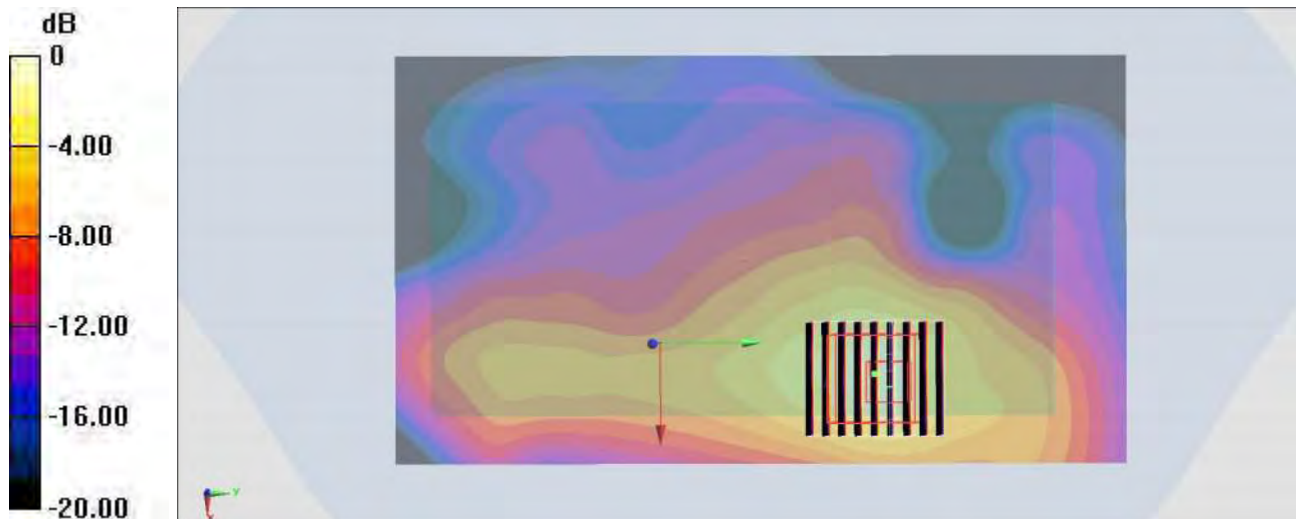
**Configuration/Ch165/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.19 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.665 W/kg = -1.77 dBW/kg

## #20\_WLAN5GHz\_802.11a\_6Mbps\_Back\_0mm\_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160308 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.671$  S/m;  $\epsilon_r = 46.823$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.43, 4.43, 4.43); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY4, Version 4.6 (19); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch64/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.62 W/kg

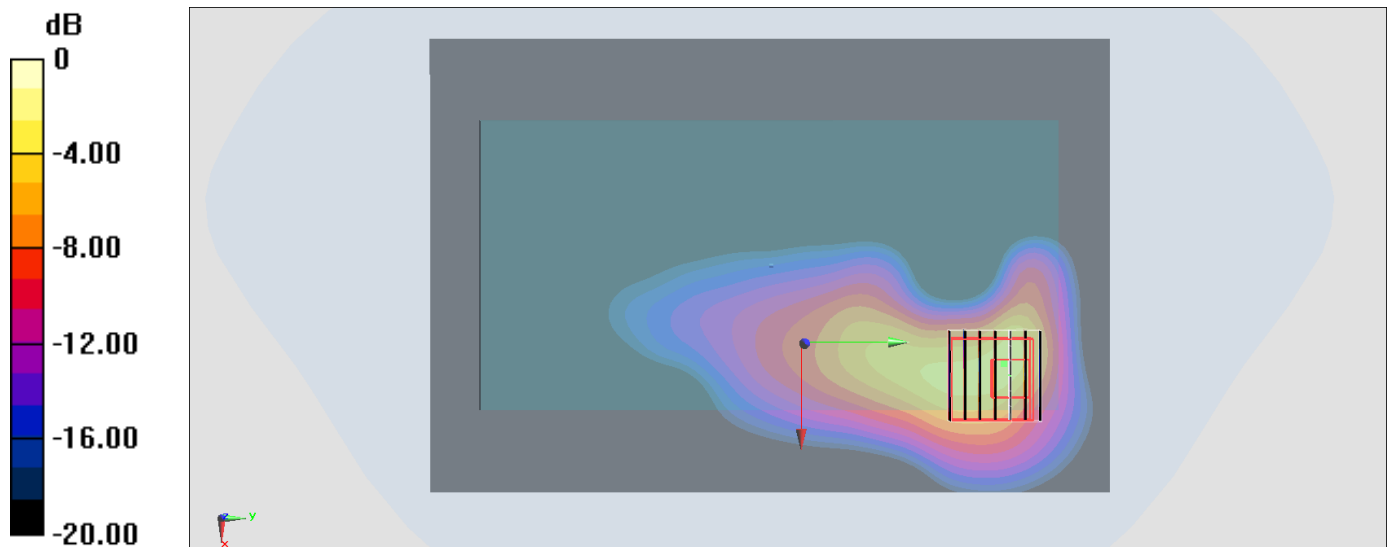
**Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.96 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.30 W/kg

**SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.293 W/kg**

Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.86 dBW/kg

## #21\_WLAN5GHz\_802.11a 6Mbps\_Left Side\_0mm\_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160308 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.994$  S/m;  $\epsilon_r = 46.389$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.1, 4.1, 4.1); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY4, Version 4.6 (19); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch116/Area Scan (61x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.03 W/kg

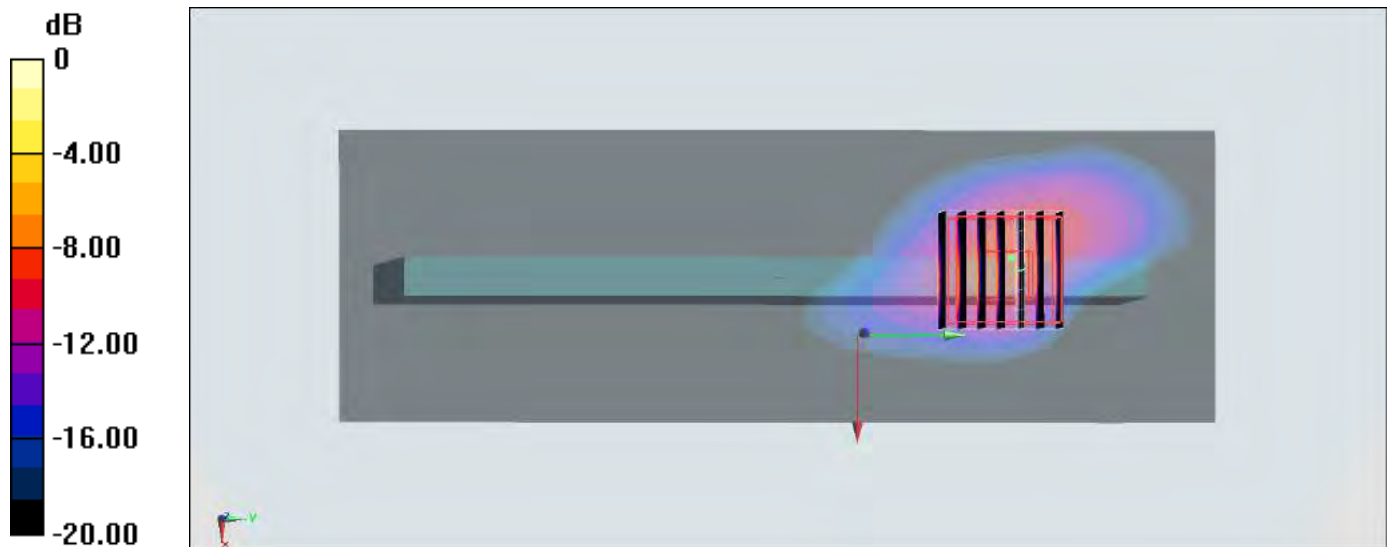
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 31.89 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 12.7 W/kg

**SAR(1 g) = 2.18 W/kg; SAR(10 g) = 0.577 W/kg**

Maximum value of SAR (measured) = 6.51 W/kg



0 dB = 6.51 W/kg = 8.14 dBW/kg

### #22\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_160409 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 57.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch189/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.761 mW/g

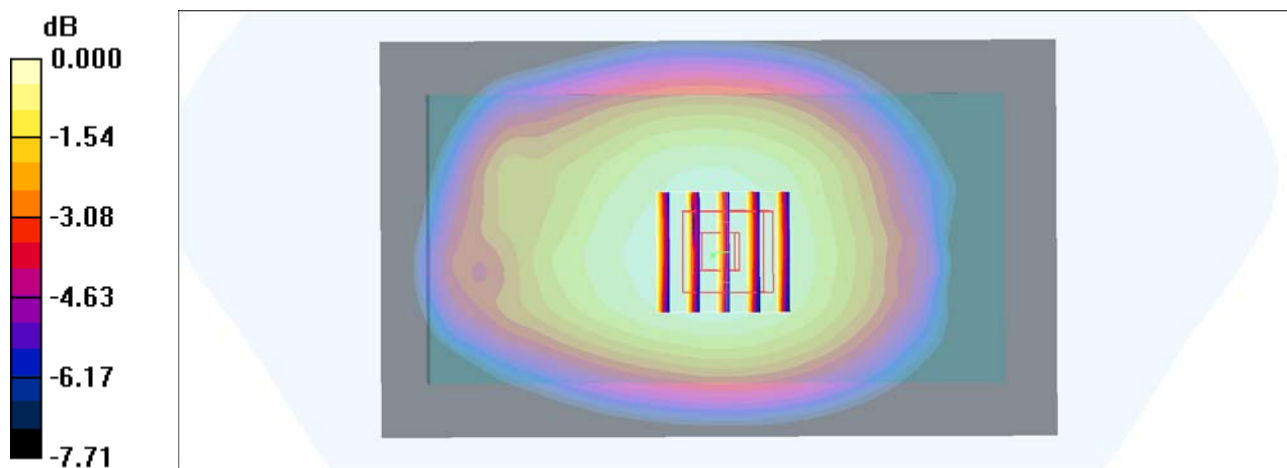
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.824 W/kg

**SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 0.755 mW/g



0 dB = 0.755mW/g

### #23\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_160214 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.563$  mho/m;  $\epsilon_r = 53.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch810/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.843 mW/g

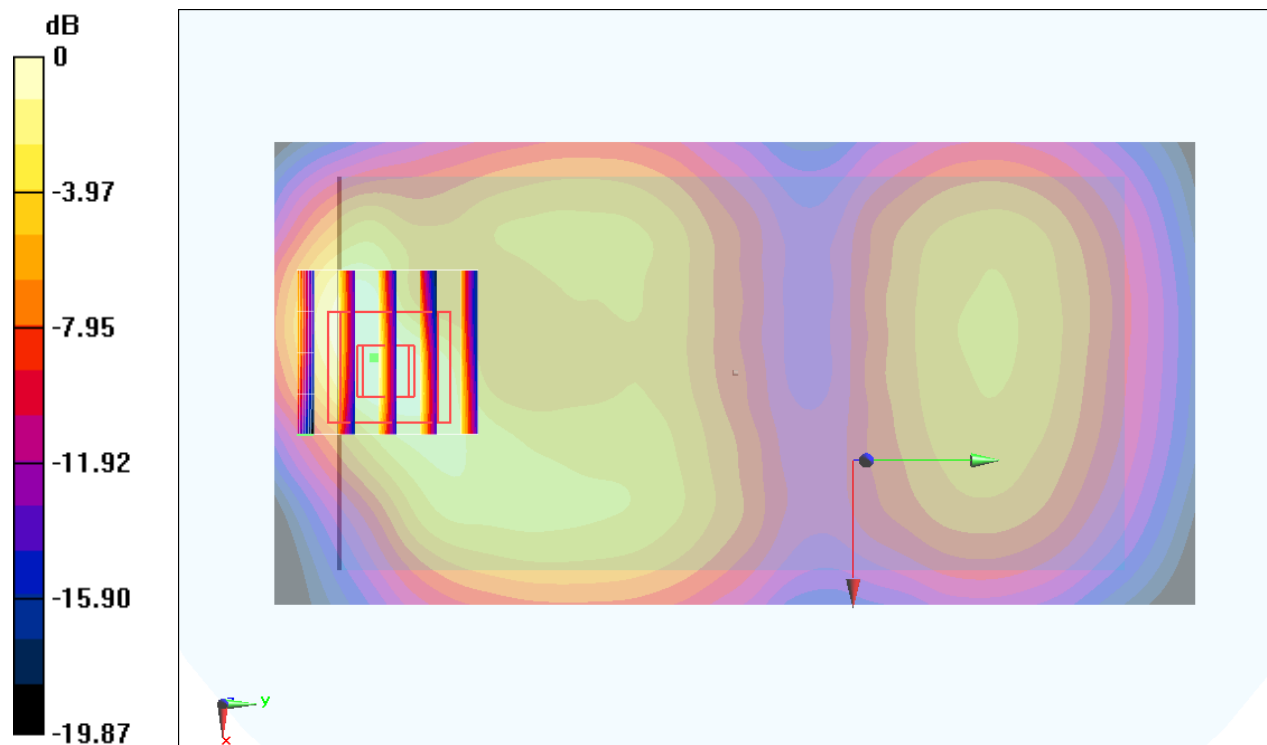
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.722 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.993 mW/g

**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.268 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



0 dB = 0.783 mW/g = -2.12 dB mW/g

### #24\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9400

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

Medium: MSL\_1900\_160408 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch9400/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.11 mW/g

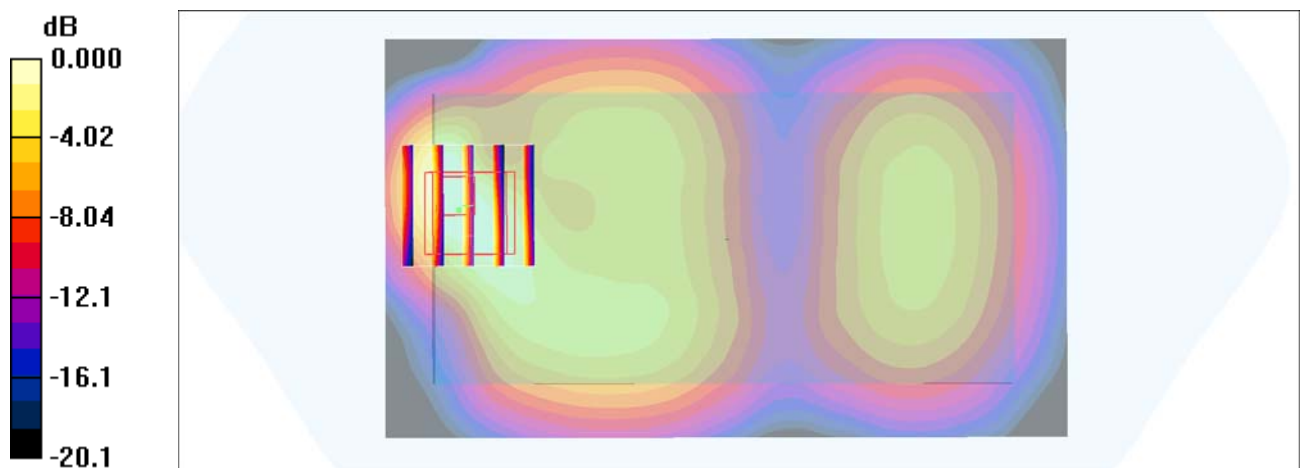
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.997 mW/g



0 dB = 0.997mW/g

### #25\_WCDMA V\_RMC 12.2Kbps\_Front\_10mm\_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160409 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 57.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.722 mW/g

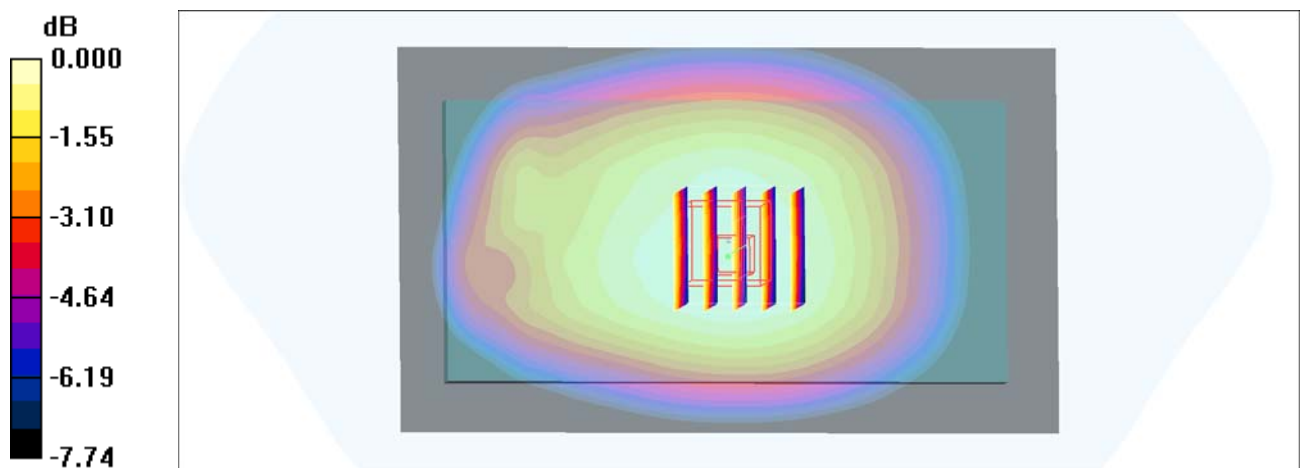
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.760 W/kg

**SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.460 mW/g**

Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.702mW/g

### #26\_LTE Band 5\_10M\_QPSK\_1RB\_25Offset\_Back\_10mm\_Ch20525

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

Medium: MSL\_850\_160309 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 57.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20525/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.754 mW/g

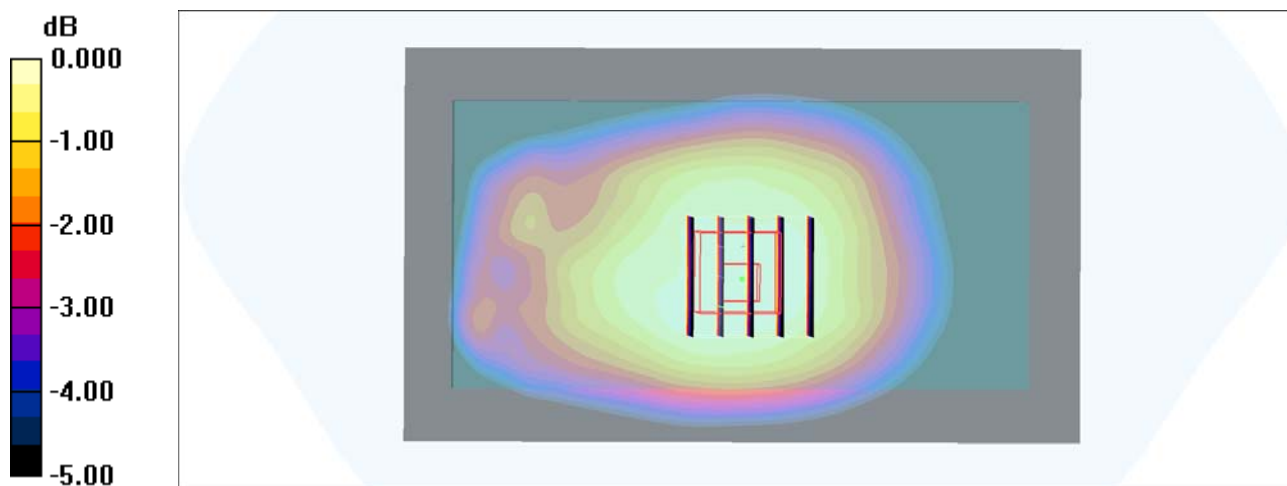
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.869 W/kg

**SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.431 mW/g**

Maximum value of SAR (measured) = 0.741 mW/g



0 dB = 0.741mW/g

### #27\_LTE Band 7\_20M\_QPSK\_100\_0\_Back\_10mm\_Ch20850

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

Medium: MSL\_2600\_160408 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.08$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20850/Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.31 mW/g

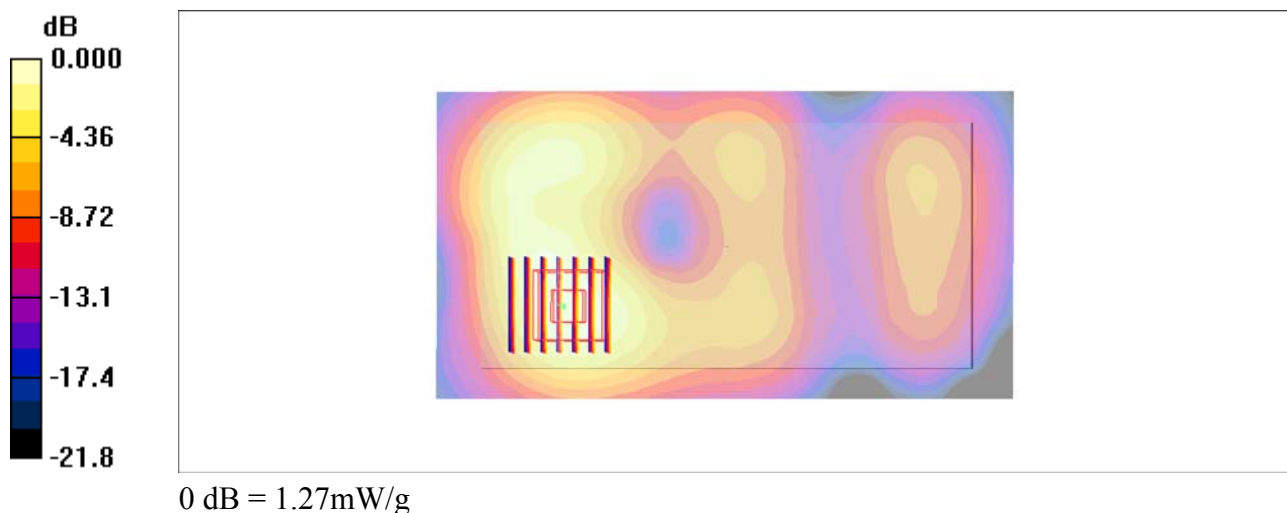
**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g



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

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

Medium: MSL\_2450\_160306 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.928$  S/m;  $\epsilon_r = 53.567$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.236 W/kg

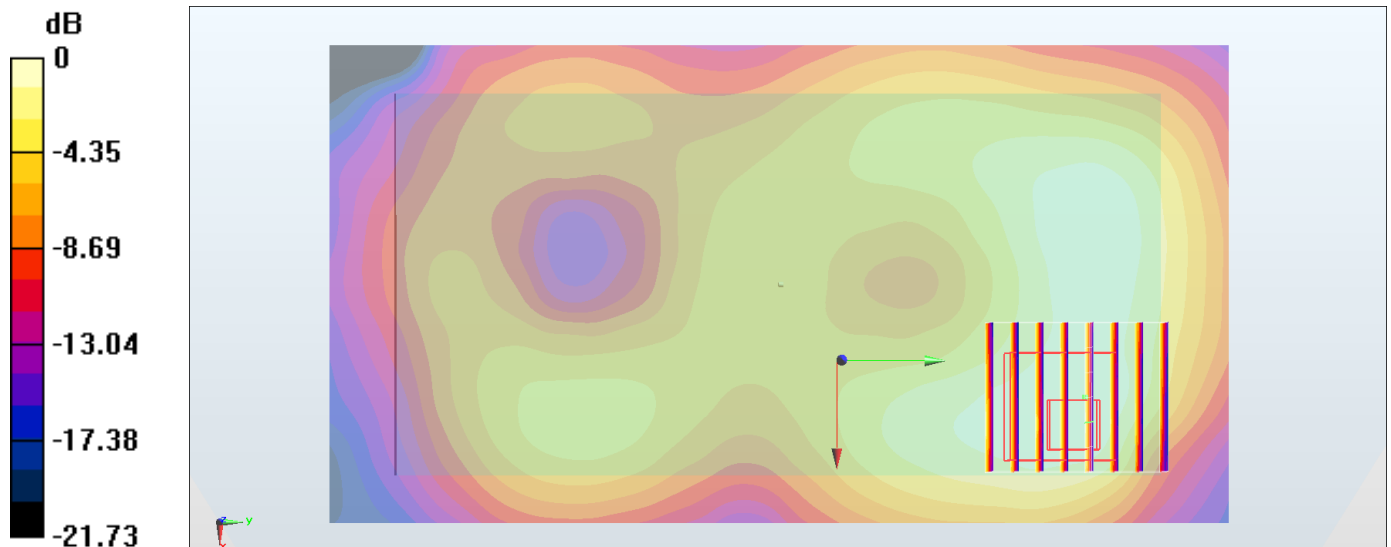
**Configuration/Ch1/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.17 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

## #29\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch36

Communication System: 802.11a ; Frequency: 5180 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160307 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.443$  S/m;  $\epsilon_r = 47.183$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch36/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.384 W/kg

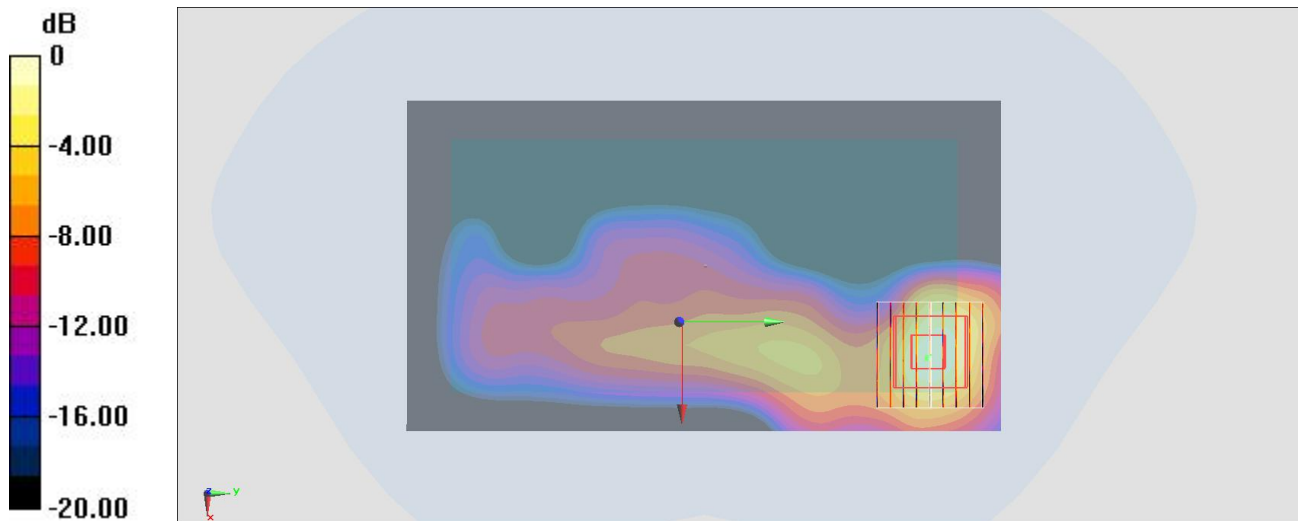
**Configuration/Ch36/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.354 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.384 W/kg = -4.16 dBW/kg

### #30\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch52

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160409 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 46.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.43, 4.43, 4.43); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch52/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.177 mW/g

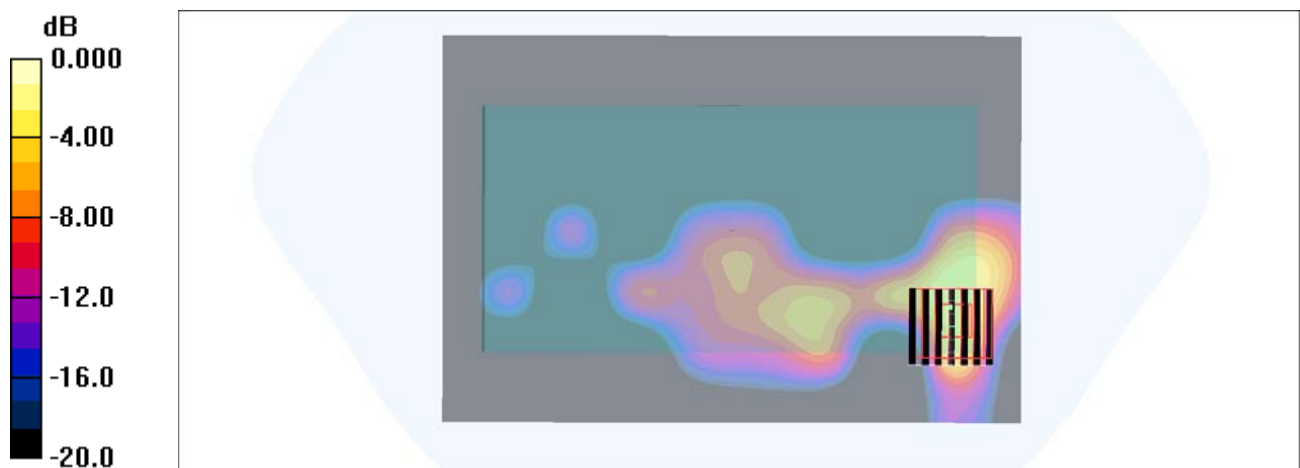
**Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.88 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 0.546 W/kg

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328mW/g

### #31\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160409 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.81$  mho/m;  $\epsilon_r = 46.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.1, 4.1, 4.1); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch116/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.463 mW/g

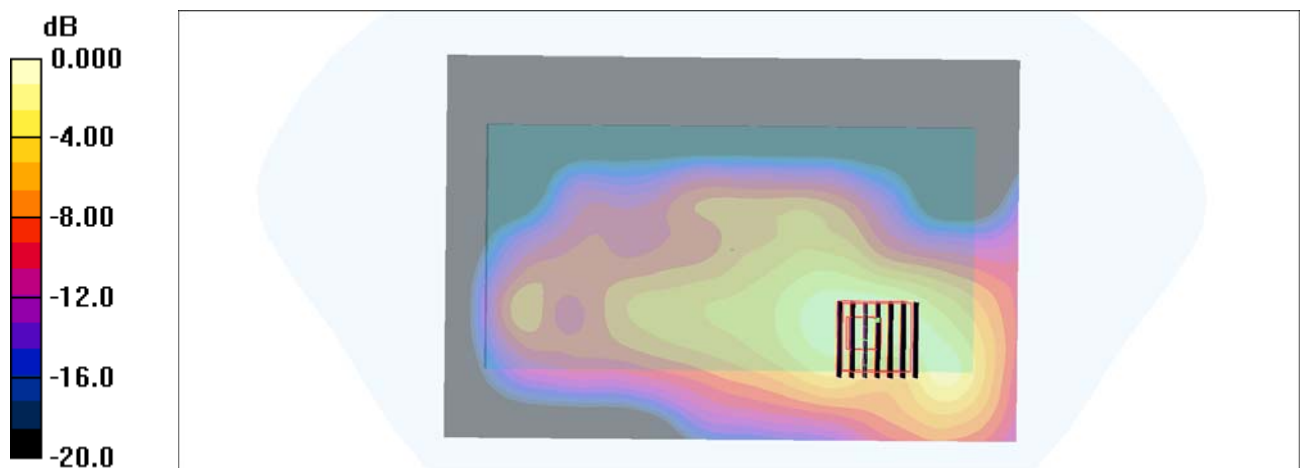
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.09 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.638 mW/g



0 dB = 0.638mW/g

### #32\_WLAN5GHz\_802.11a\_6Mbps\_Back\_10mm\_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_160307 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.286$  S/m;  $\epsilon_r = 46.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch165/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.665 W/kg

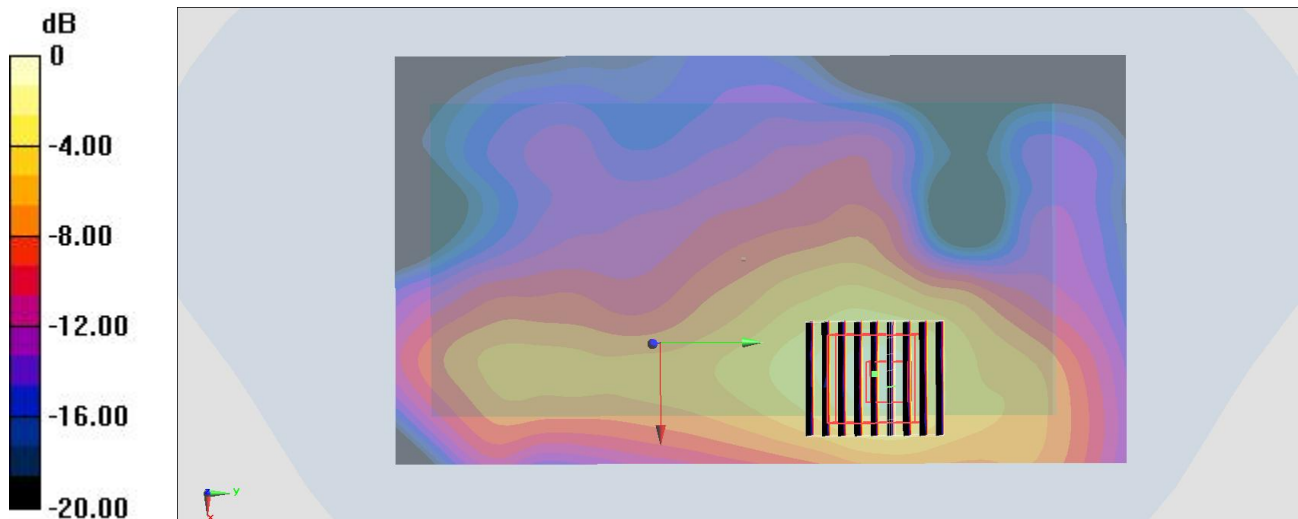
**Configuration/Ch165/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.19 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.665 W/kg = -1.77 dBW/kg

### #33\_Bluetooth\_1Mbps\_Front\_10mm\_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: MSL\_2450\_160408 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39/Area Scan (91x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.039 mW/g

**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.91 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.047 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.039 mW/g

