

### #01\_GSM850\_GPRS (4 Tx slots)\_Right Cheek\_Ch251

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

Medium: HSL\_850\_141216 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 41.609$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(10.33, 10.33, 10.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.838 W/kg

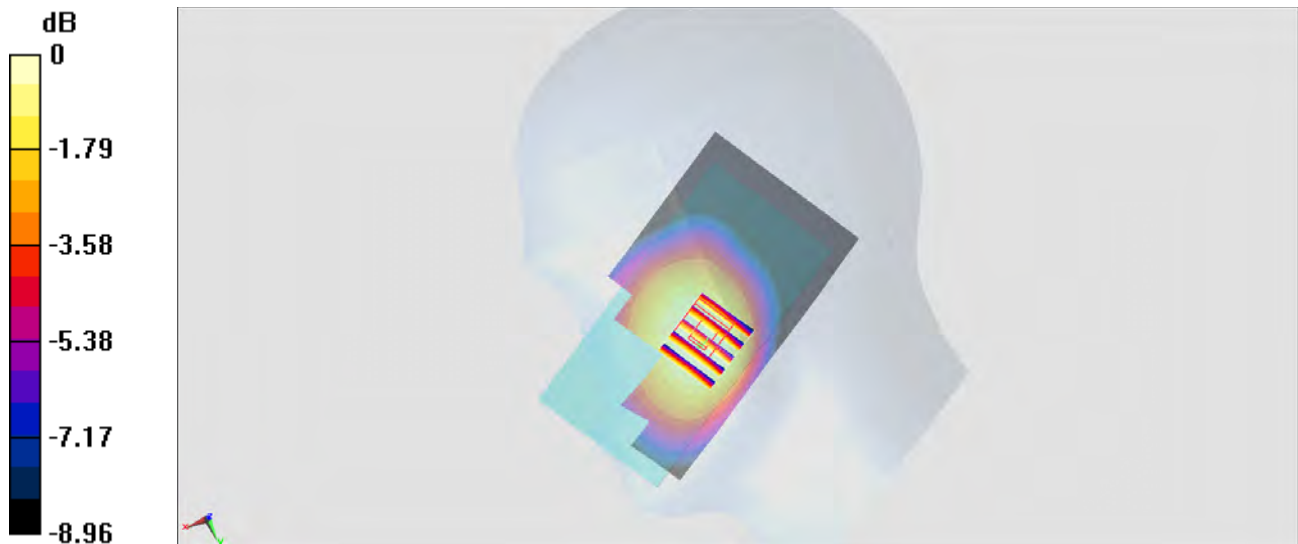
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.621 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.883 W/kg

**SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.550 W/kg**

Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg = -0.97 dBW/kg

## #02\_GSM1900\_GPRS (4 Tx slots)\_Left Cheek\_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_150215 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 39.06$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch512/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.11 W/kg

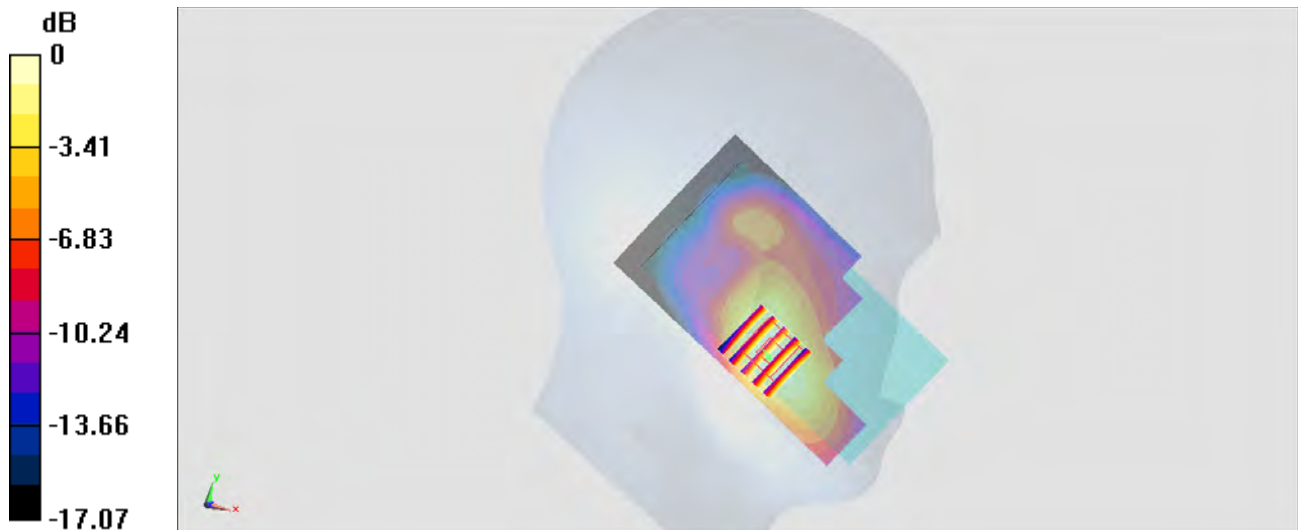
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.75 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.487 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

### #03\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4233

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

Medium: HSL\_850\_141216 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.935 \text{ S/m}$ ;  $\epsilon_r = 41.64$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(10.33, 10.33, 10.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch4233/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.676 \text{ W/kg}$

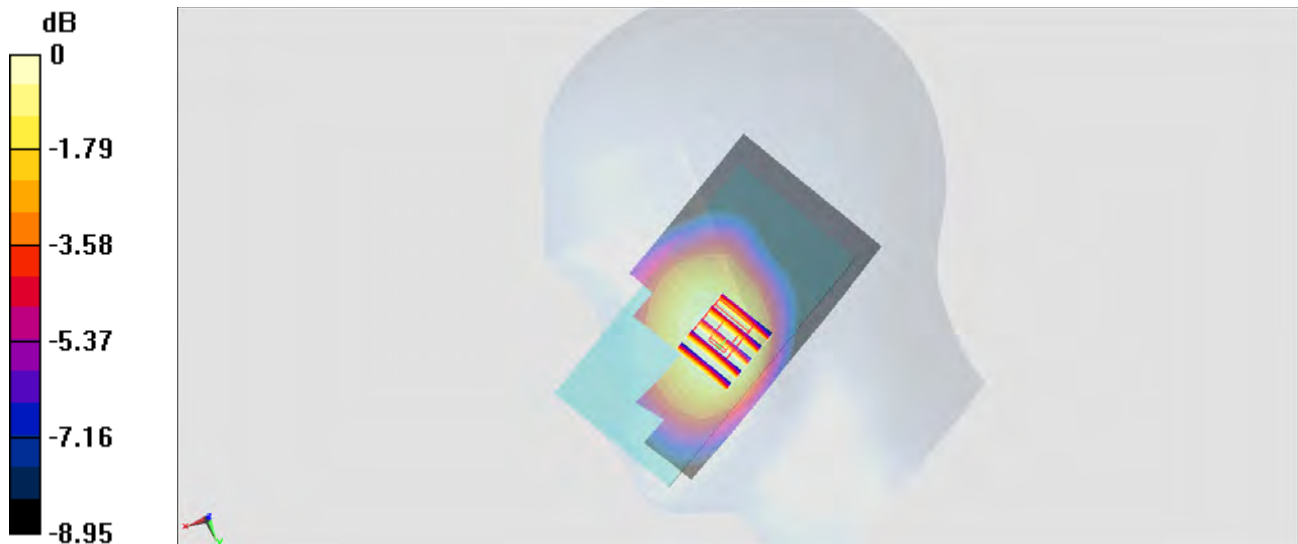
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.527 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$

Peak SAR (extrapolated) =  $0.720 \text{ W/kg}$

**SAR(1 g) =  $0.575 \text{ W/kg}$ ; SAR(10 g) =  $0.445 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.649 \text{ W/kg}$



0 dB =  $0.649 \text{ W/kg} = -1.88 \text{ dBW/kg}$

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

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_150217 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.353 \text{ S/m}$ ;  $\epsilon_r = 40.579$ ;

$\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9262/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.899 \text{ W/kg}$

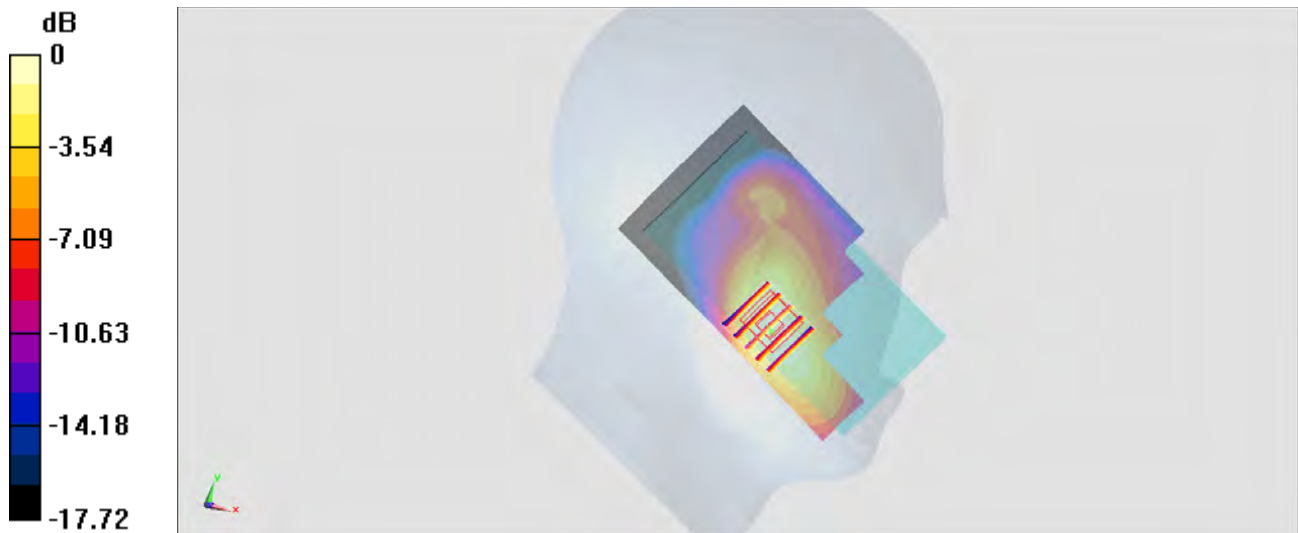
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.74 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $1.06 \text{ W/kg}$

**SAR(1 g) =  $0.684 \text{ W/kg}$ ; SAR(10 g) =  $0.421 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.889 \text{ W/kg}$



0 dB =  $0.889 \text{ W/kg}$  =  $-0.51 \text{ dBW/kg}$

### #05\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Right Cheek\_Ch20450

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_141222 Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.895 \text{ S/m}$ ;  $\epsilon_r = 40.871$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(9.79, 9.79, 9.79); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch20450/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.683 \text{ W/kg}$

**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.929 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.748 \text{ W/kg}$

**SAR(1 g) =  $0.593 \text{ W/kg}$ ; SAR(10 g) =  $0.448 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.680 \text{ W/kg}$



0 dB =  $0.680 \text{ W/kg} = -1.67 \text{ dBW/kg}$

## #06\_LTE Band 2\_20M\_QPSK\_1RB\_0offset\_Left Cheek\_Ch19100

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_141222 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 39.04$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch19100/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.878 W/kg

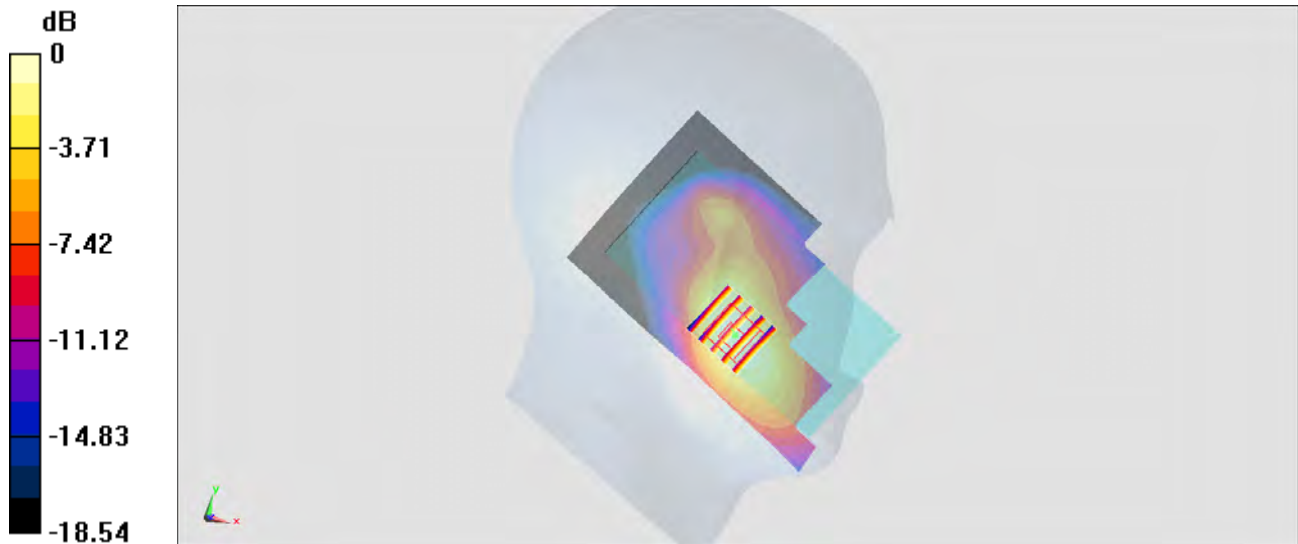
**Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.221 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.416 W/kg**

Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

### #07\_LTE Band 7\_20M\_QPSK\_1RB\_0offset\_Left Cheek\_Ch21350

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

Medium: HSL\_2600\_141219 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 37.646$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.17, 7.17, 7.17); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch21350/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

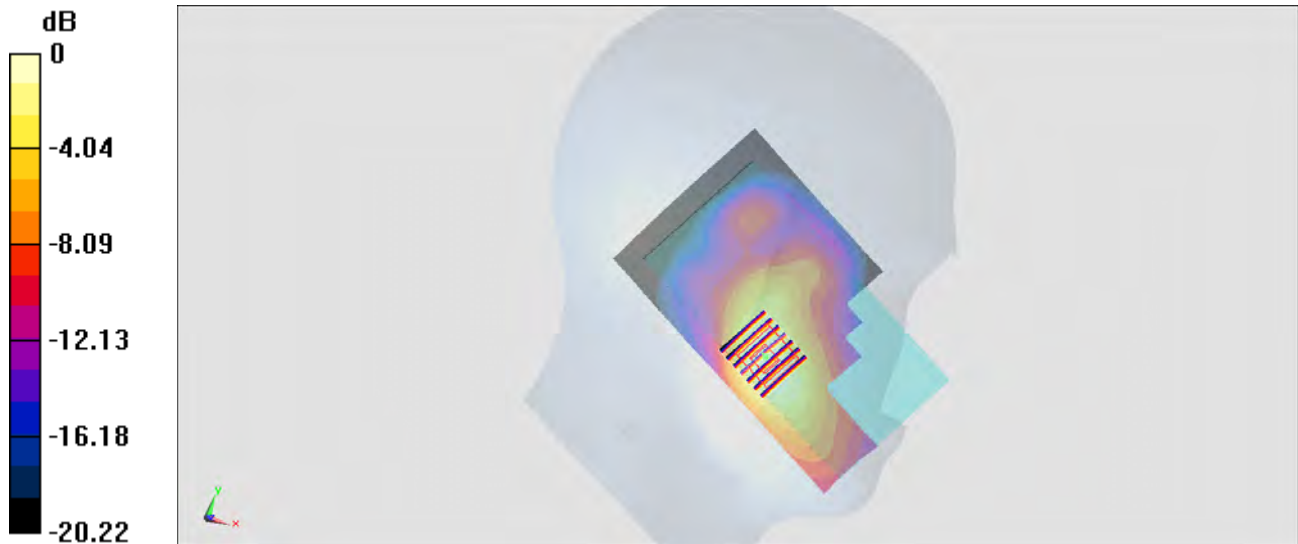
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.239 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.525 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



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

### #08\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_141223 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.52, 4.52, 4.52); Calibrated: 2014/9/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch6/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.673 mW/g

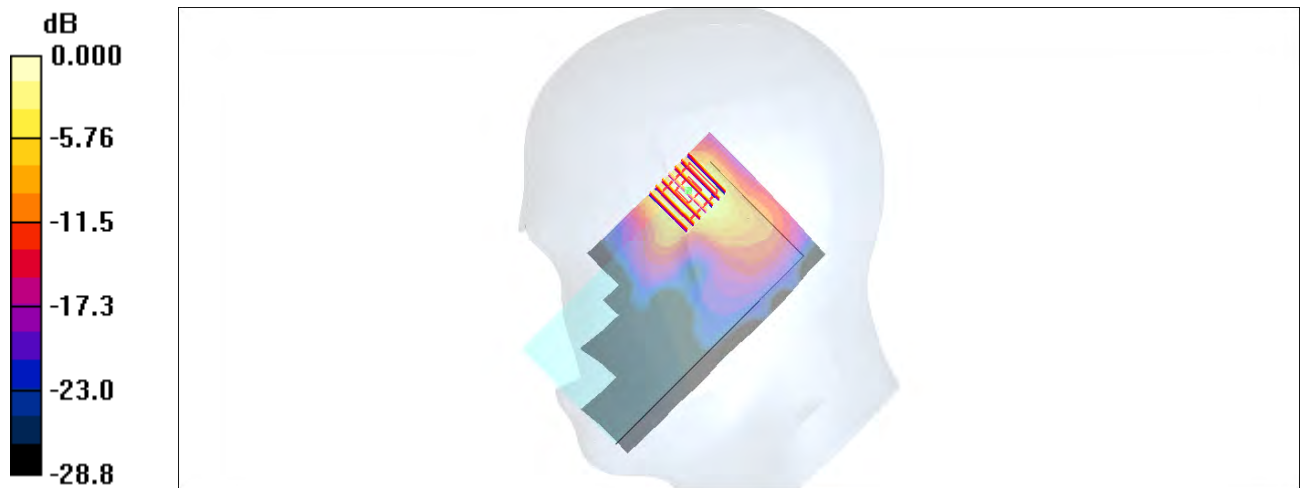
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.662 mW/g





### #09\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch36

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

Medium: HSL\_5G\_150216 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.79$  S/m;  $\epsilon_r = 35.489$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(5.13, 5.13, 5.13); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- 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) = 0.496 W/kg

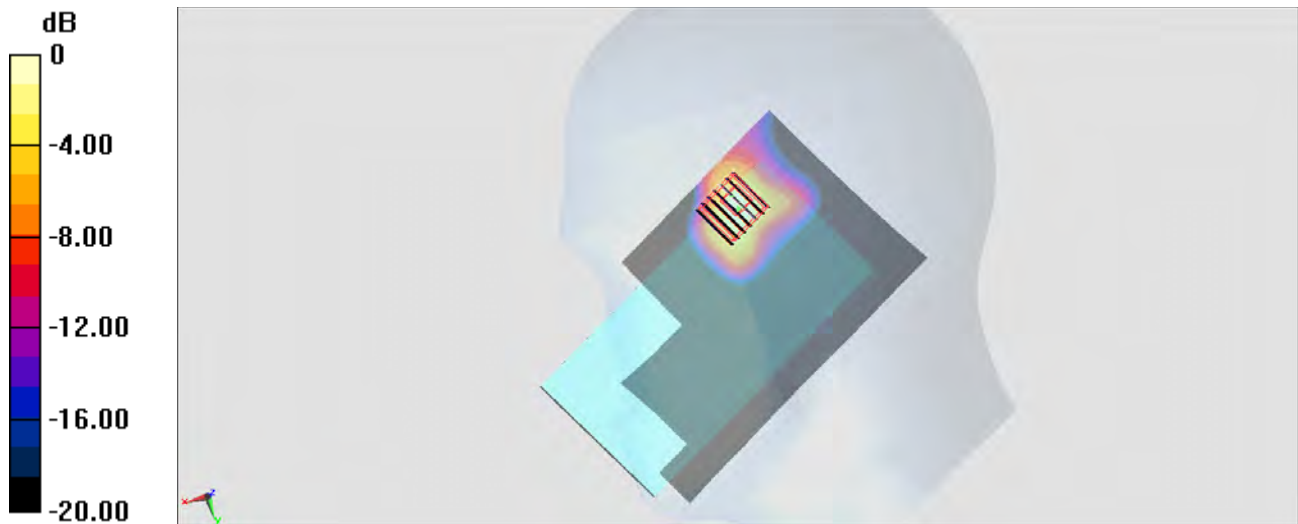
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.47 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.928 W/kg

**SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.524 W/kg = -2.81 dBW/kg

## #10\_WLAN5GHz\_802.11a\_6Mbps\_Right Cheek\_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5G\_150216 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.92$  S/m;  $\epsilon_r = 35.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.92, 4.92, 4.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch60/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.526 W/kg

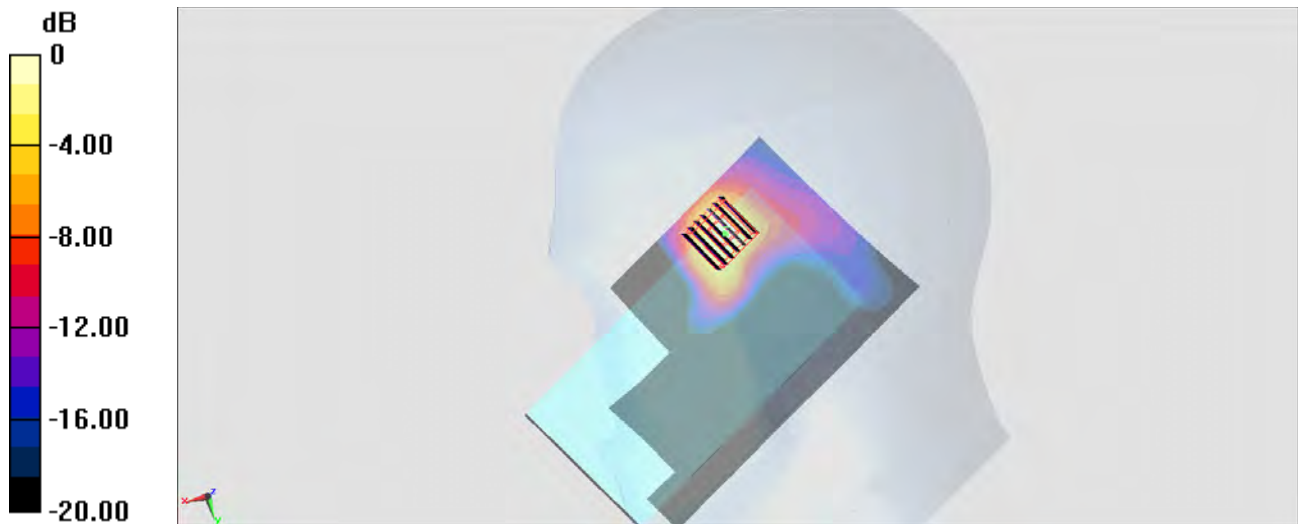
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.10 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg = -2.46 dBW/kg

### #11\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch140

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5G\_150216 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.333$  S/m;  $\epsilon_r = 34.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.63, 4.63, 4.63); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch140/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.491 W/kg

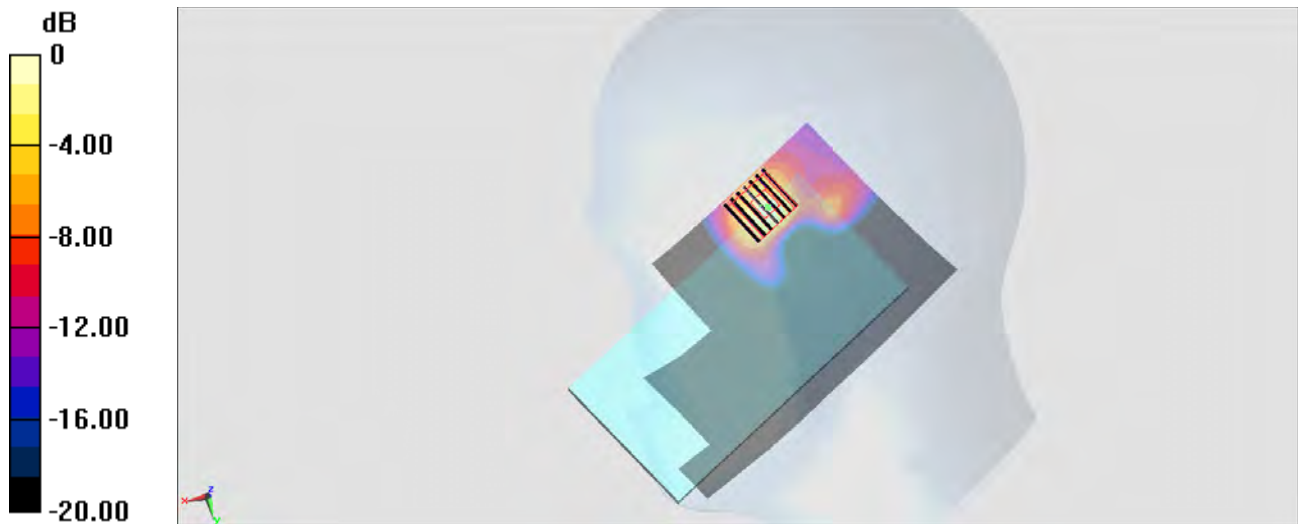
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.11 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.926 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.528 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg

**#12\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch149**

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.146

Medium: HSL\_5G\_141225 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.36$  mho/m;  $\epsilon_r = 34.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.63, 4.63, 4.63); Calibrated: 2014/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch149/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.00 mW/g

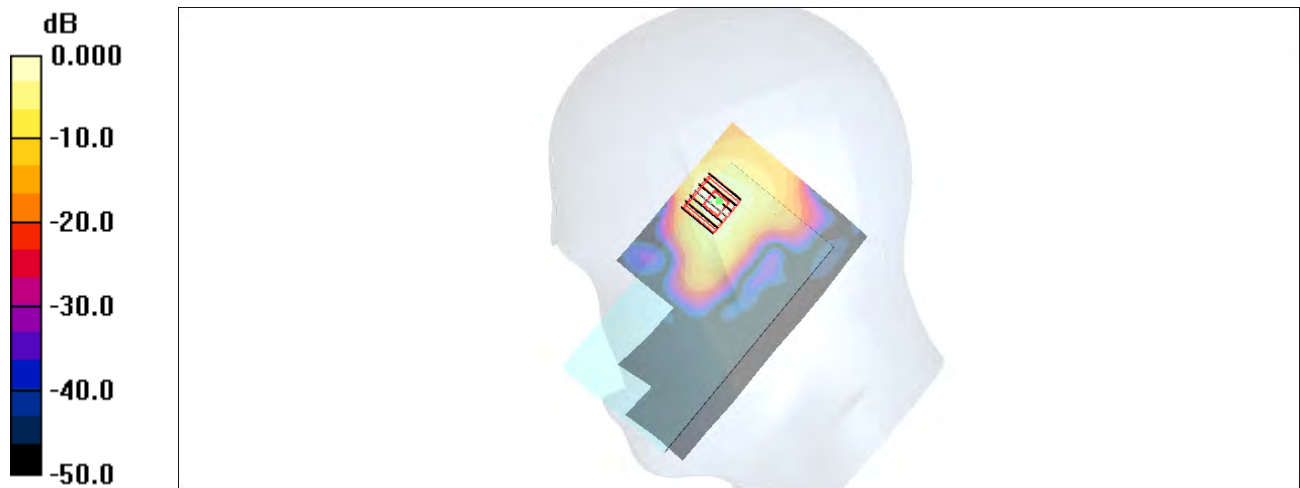
**Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.7 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (measured) = 0.895 mW/g



0 dB = 0.895mW/g

### #13\_Bluetooth\_1Mbps\_Right\_Cheek\_Ch39

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

Medium: HSL\_2450\_141231 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 38.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.52, 4.52, 4.52); Calibrated: 2014/9/26
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39/Area Scan (81x141x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $0.028 \text{ mW/g}$

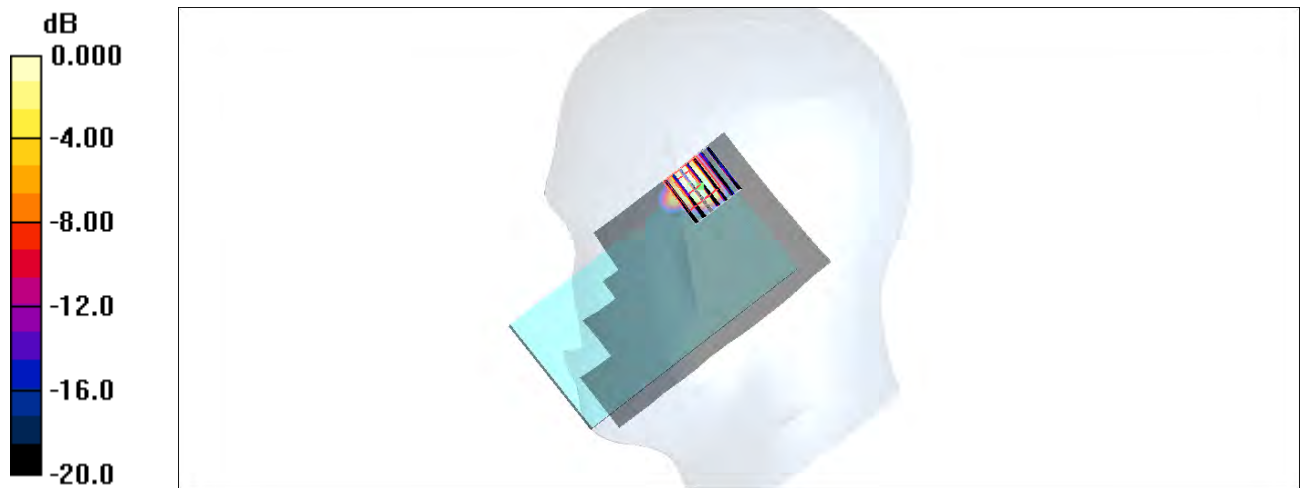
**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.80 \text{ V/m}$ ; Power Drift =  $-0.055 \text{ dB}$

Peak SAR (extrapolated) =  $0.058 \text{ W/kg}$

**SAR(1 g) =  $0.011 \text{ mW/g}$ ; SAR(10 g) =  $0.00298 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.014 \text{ mW/g}$



0 dB =  $0.014\text{mW/g}$

### #14\_GSM850\_GPRS (4 Tx slots)\_Front\_1cm\_Ch251

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

Medium: MSL\_850\_141216 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.998$  S/m;  $\epsilon_r = 54.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.922 W/kg

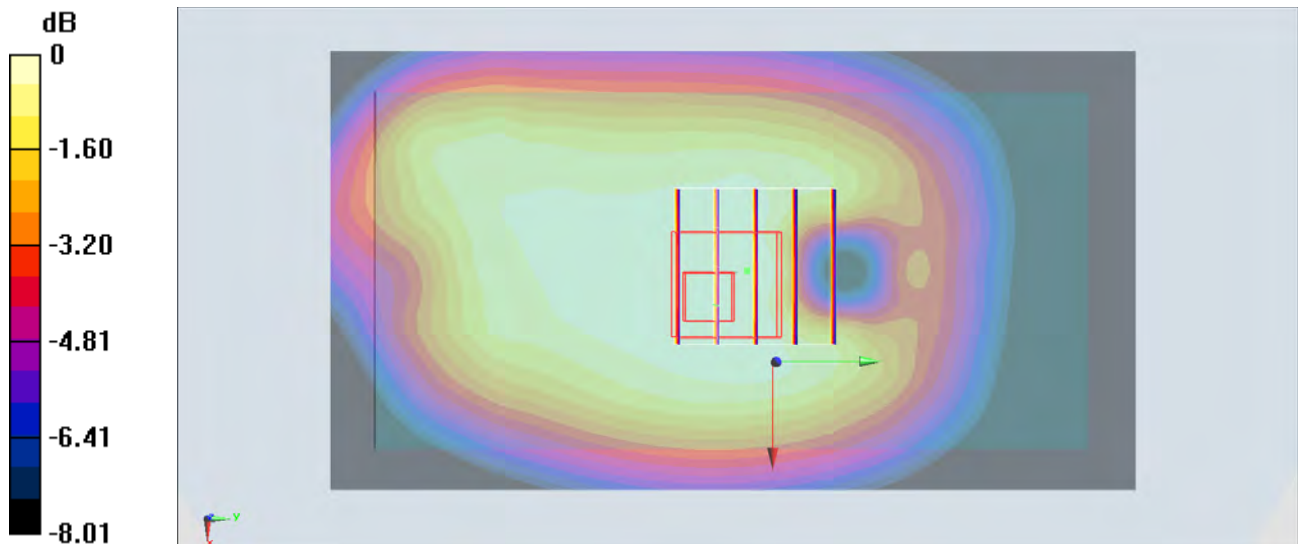
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.571 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.931 W/kg

**SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.589 W/kg**

Maximum value of SAR (measured) = 0.857 W/kg



0 dB = 0.857 W/kg = -0.67 dBW/kg

### #15\_GSM1900\_GPRS (4 Tx slots)\_Back\_1cm\_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_141215 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 54.53$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch512/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

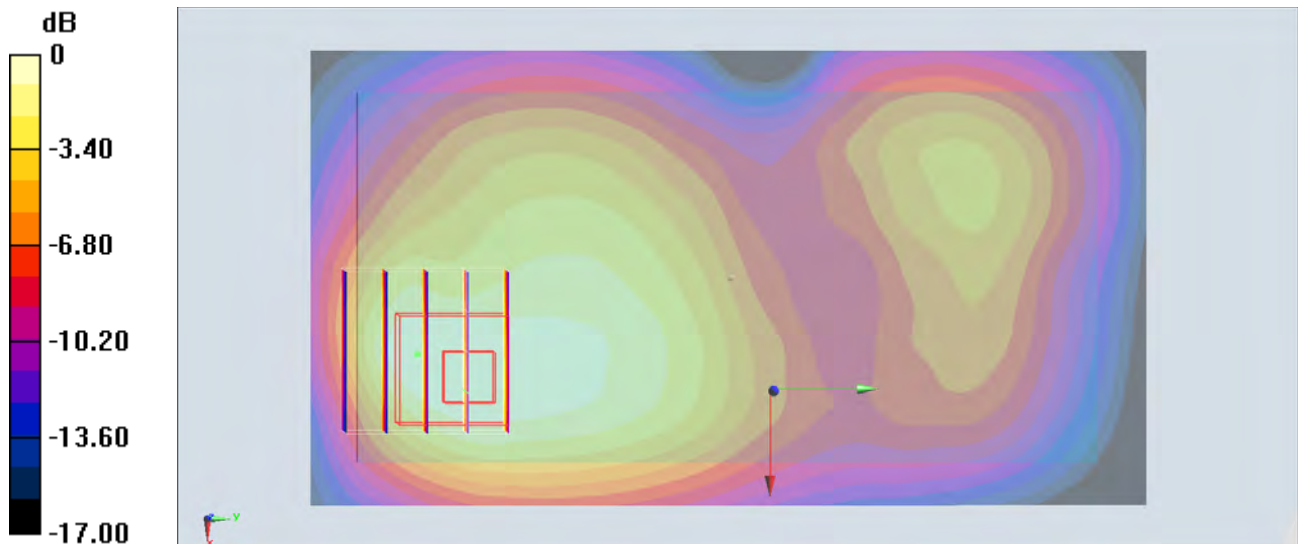
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.238 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.92 W/kg; SAR(10 g) = 0.587 W/kg**

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



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



## #16\_WCDMA V\_RMC 12.2Kbps\_Front\_1cm\_Ch4233

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

Medium: MSL\_850\_141216 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 54.349$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch4233/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.746 W/kg

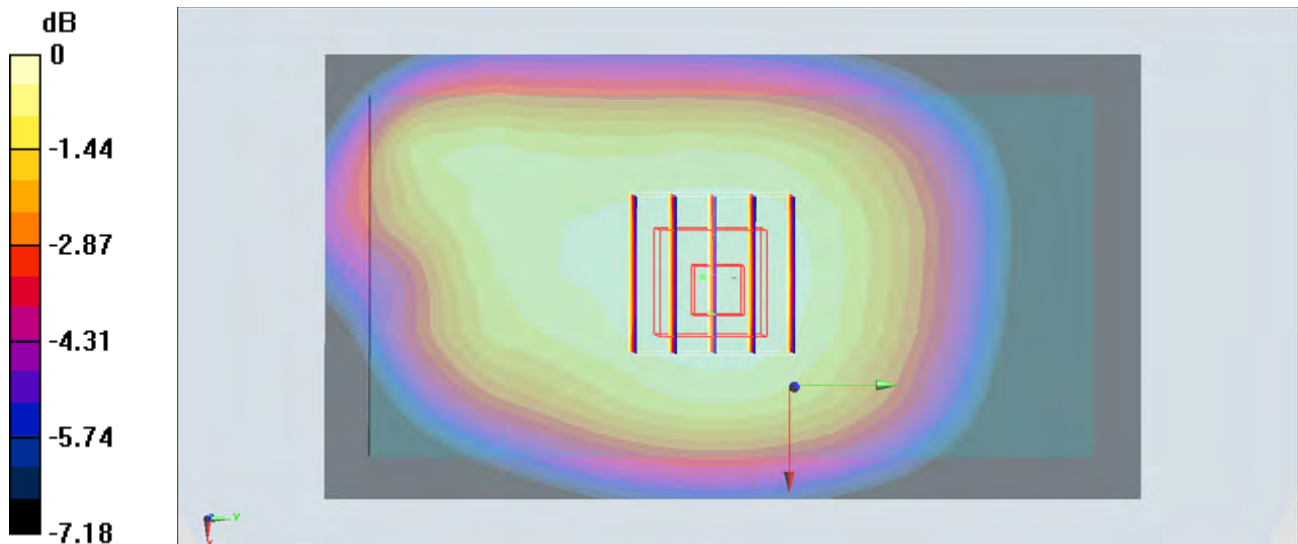
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.965 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.522 W/kg**

Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.748 W/kg = -1.26 dBW/kg



## #17\_WCDMA II\_RMC 12.2Kbps\_Back\_1cm\_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_150217 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 53.746$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9262/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

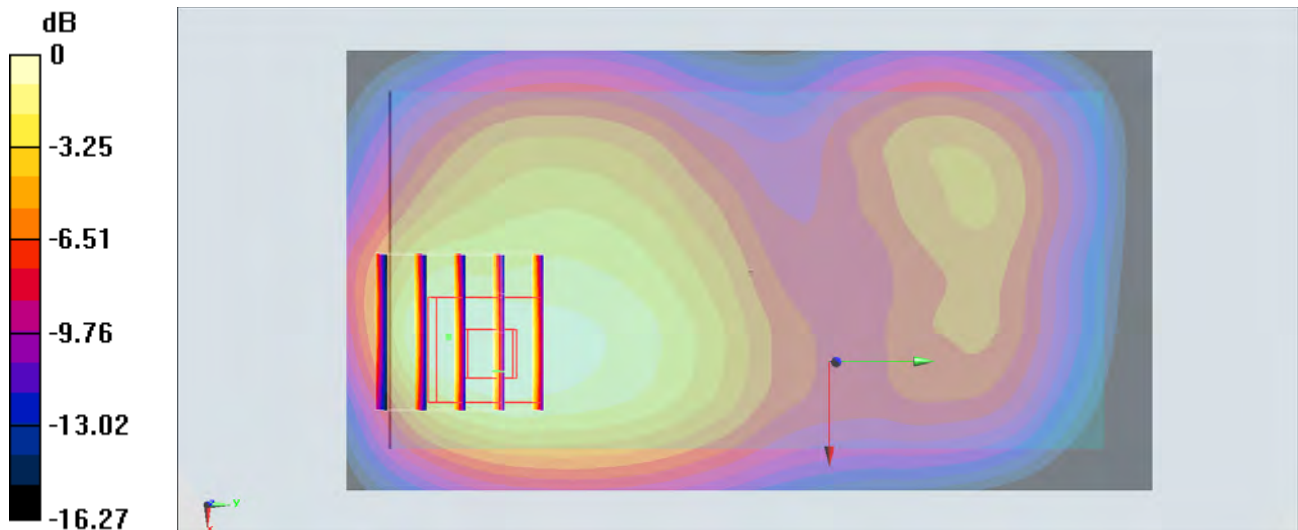
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.27 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.566 W/kg**

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



0 dB = 1.20 W/kg = 0.79 dBW/kg

### #18\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Front\_1cm\_Ch20450

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_150214 Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.966 \text{ S/m}$ ;  $\epsilon_r = 54.271$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20450/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.804 \text{ W/kg}$

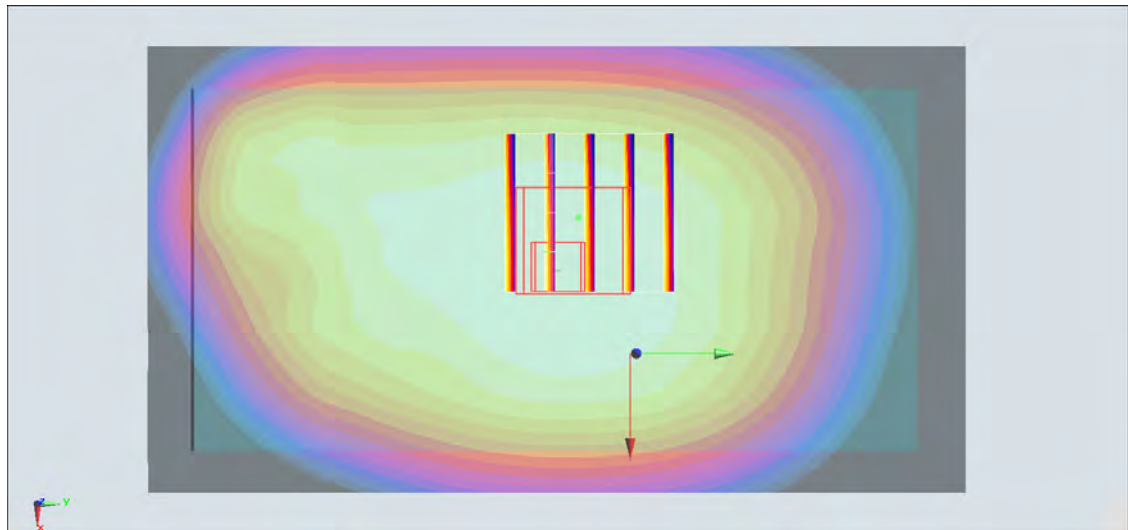
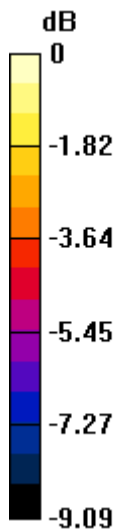
**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.43 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.865 \text{ W/kg}$

**SAR(1 g) =  $0.667 \text{ W/kg}$ ; SAR(10 g) =  $0.505 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.799 \text{ W/kg}$



$0 \text{ dB} = 0.799 \text{ W/kg} = -0.97 \text{ dBW/kg}$

### #19\_LTE Band 2\_20M\_QPSK\_1RB\_0offset\_Back\_1cm\_Ch18700

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_141220 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 51.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.87, 7.87, 7.87); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch18700/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

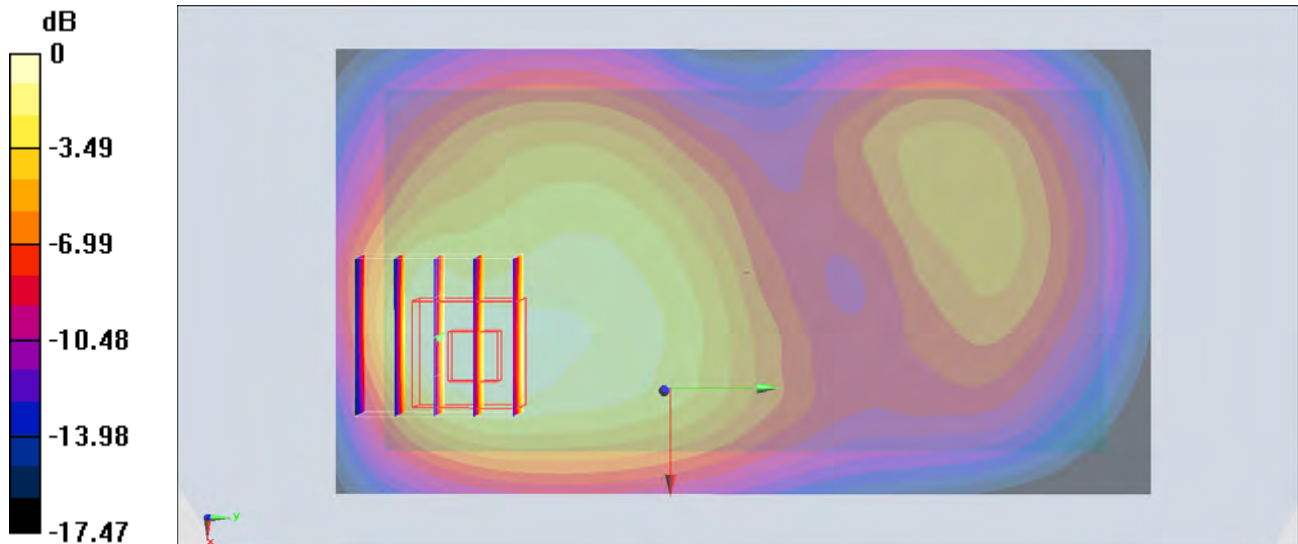
**Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.992 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.046 W/kg; SAR(10 g) = 0.632 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

## #20\_LTE Band 7\_20M\_QPSK\_1RB\_0offset\_Back\_1cm\_Ch20850

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

Medium: MSL\_2600\_141219 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.114$  S/m;  $\epsilon_r = 54.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.08, 7.08, 7.08); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch20850/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

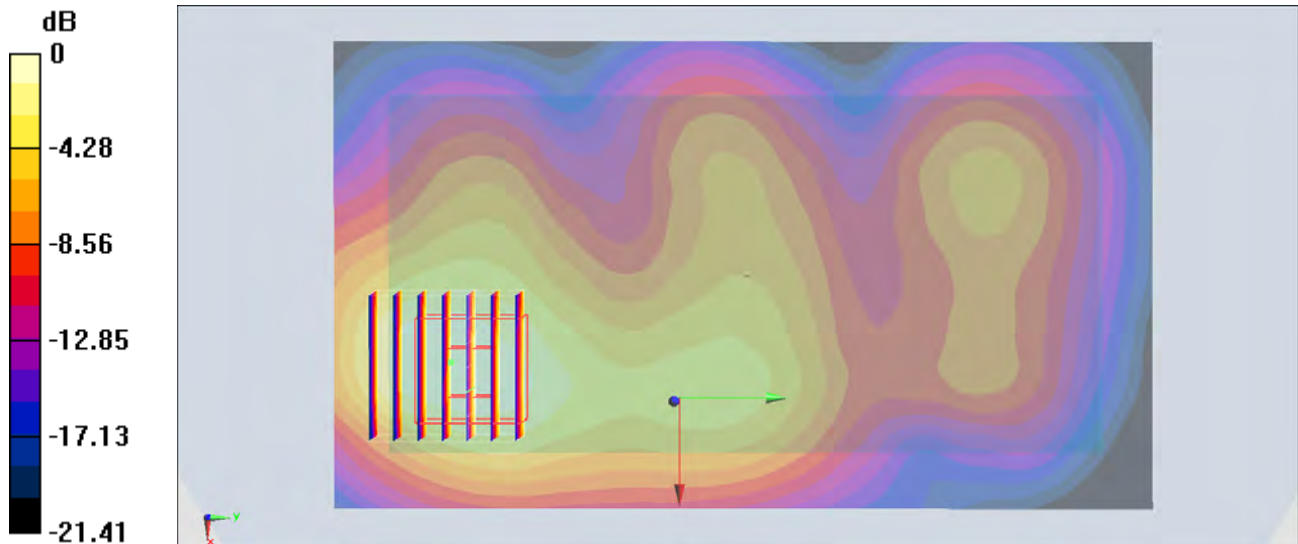
**Configuration/Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.139 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.528 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

## #21\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_150216 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.961$  S/m;  $\epsilon_r = 51.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch6/Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.44 W/kg

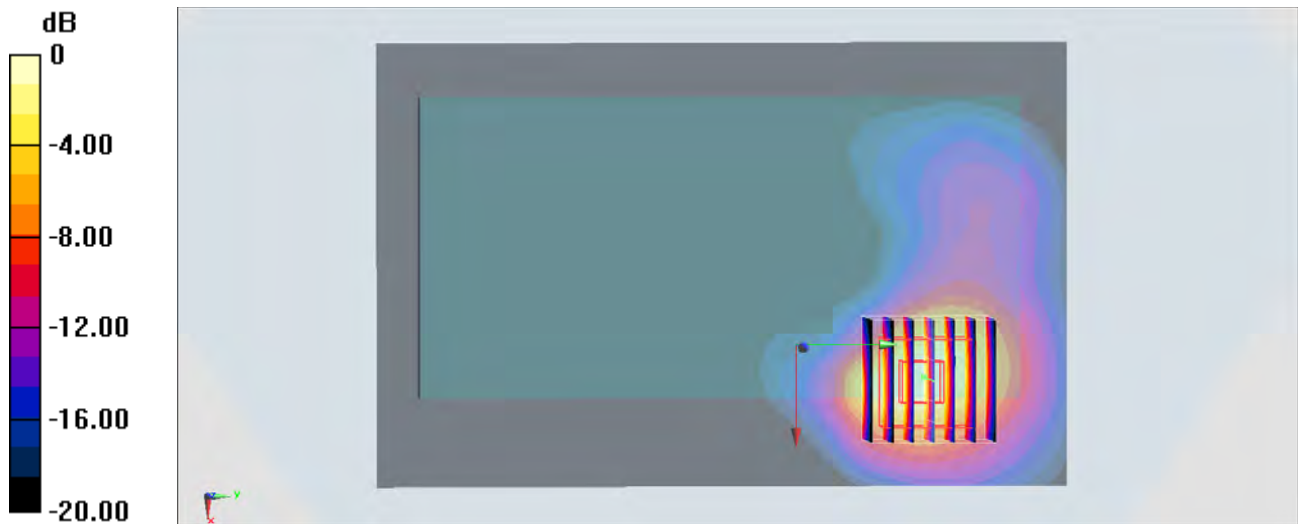
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.89 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.373 W/kg**

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



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

## #22\_WLAN5GHz\_802.11a 6Mbps\_Front\_1cm\_Ch36

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

Medium: MSL\_5G\_150305 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.402$  S/m;  $\epsilon_r = 47.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.0753 W/kg

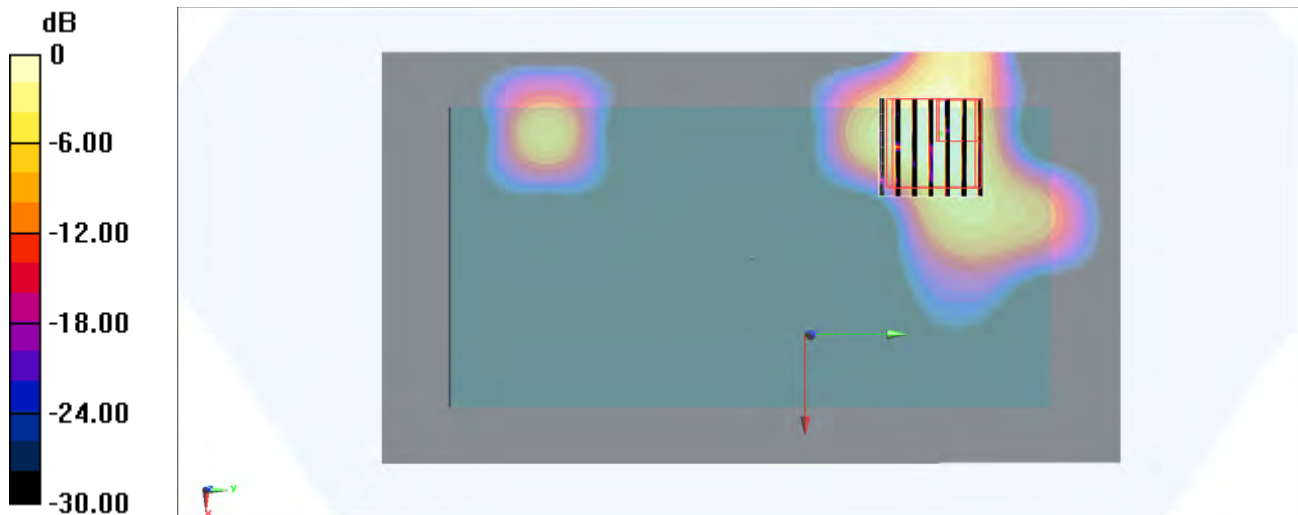
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.451 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.14 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.0722 W/kg



0 dB = 0.0722 W/kg = -11.41 dBW/kg

### #23\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_150305 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.164 \text{ S/m}$ ;  $\epsilon_r = 47.04$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch149/Area Scan (101x181x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.0719 \text{ W/kg}$

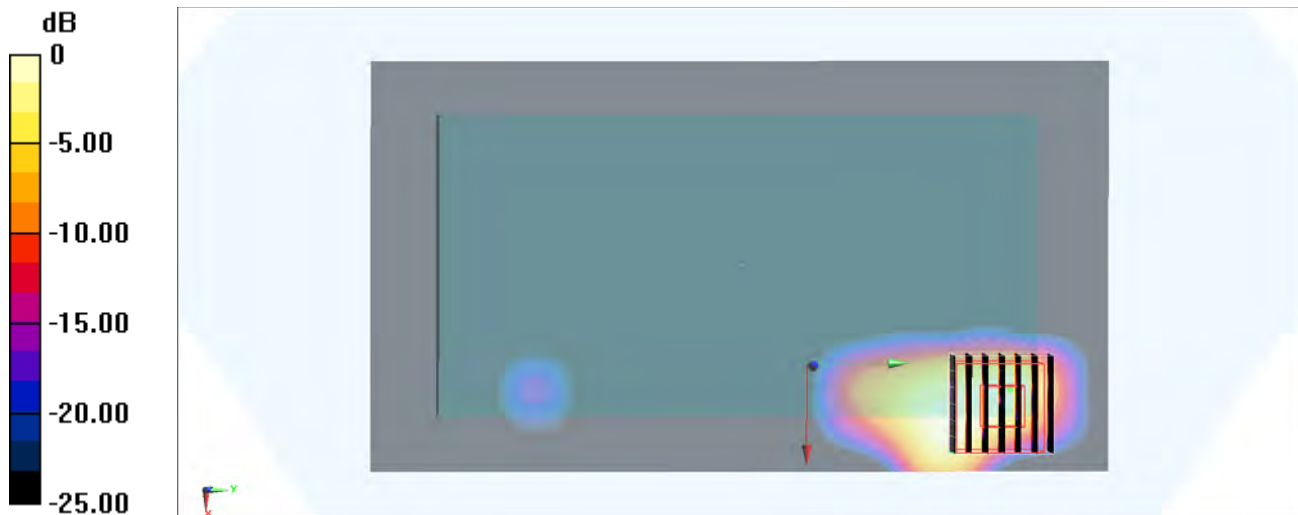
**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $3.758 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.229 \text{ W/kg}$

**SAR(1 g) =  $0.072 \text{ W/kg}$ ; SAR(10 g) =  $0.021 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0731 \text{ W/kg}$



0 dB =  $0.0731 \text{ W/kg} = -11.36 \text{ dBW/kg}$



## #24\_GSM850\_GPRS (4 Tx slots)\_Front\_1.5cm\_Ch251

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

Medium: MSL\_850\_141216 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.998$  S/m;  $\epsilon_r = 54.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.787 W/kg

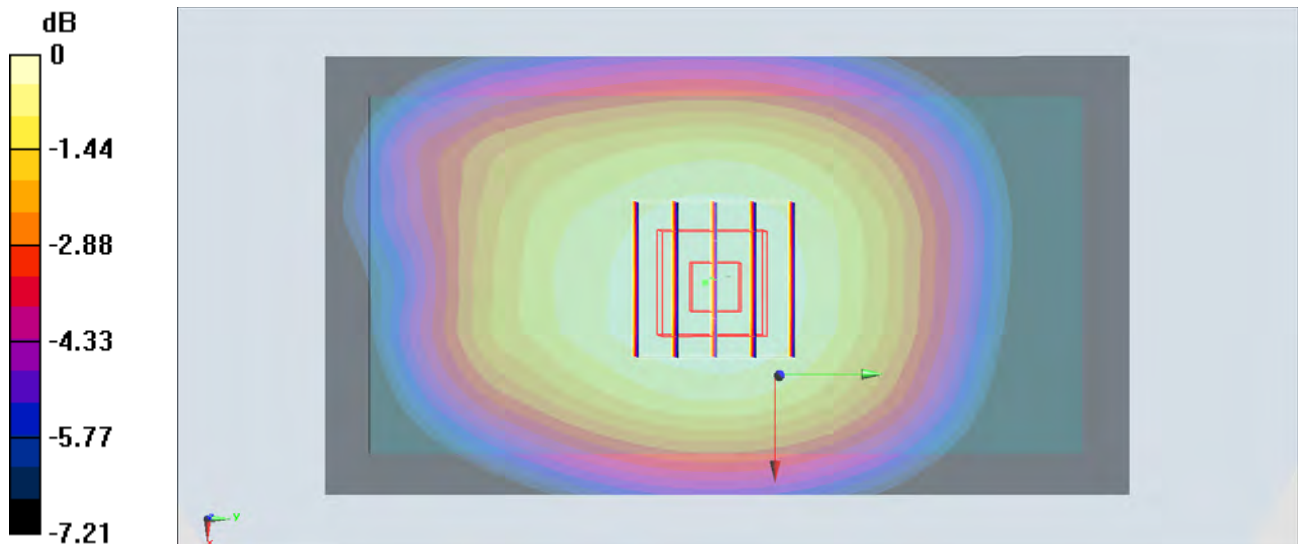
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.710 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.537 W/kg**

Maximum value of SAR (measured) = 0.783 W/kg



0 dB = 0.783 W/kg = -1.06 dBW/kg



### #25\_GSM1900\_GPRS (4 Tx slots)\_Back\_1.5cm\_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_141215 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.532$  S/m;  $\epsilon_r = 54.386$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch810/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.810 W/kg

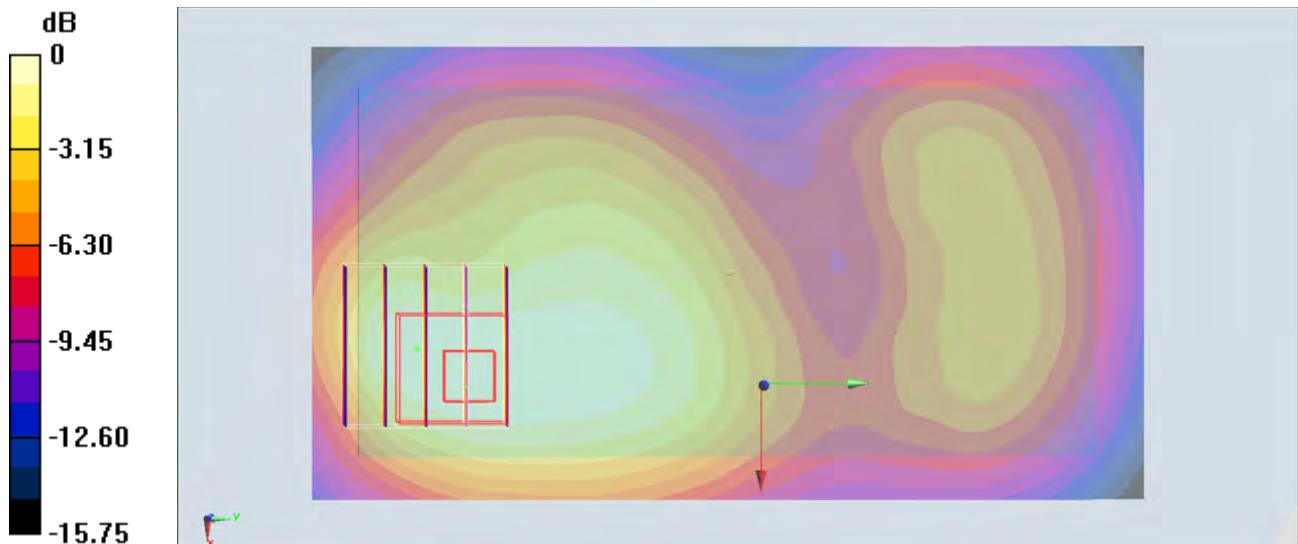
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.638 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.968 W/kg

**SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.357 W/kg**

Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

## #26\_WCDMA V\_RMC 12.2Kbps\_Front\_1.5cm\_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_141216 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  $\epsilon_r = 54.349$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch4233/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.698 \text{ W/kg}$

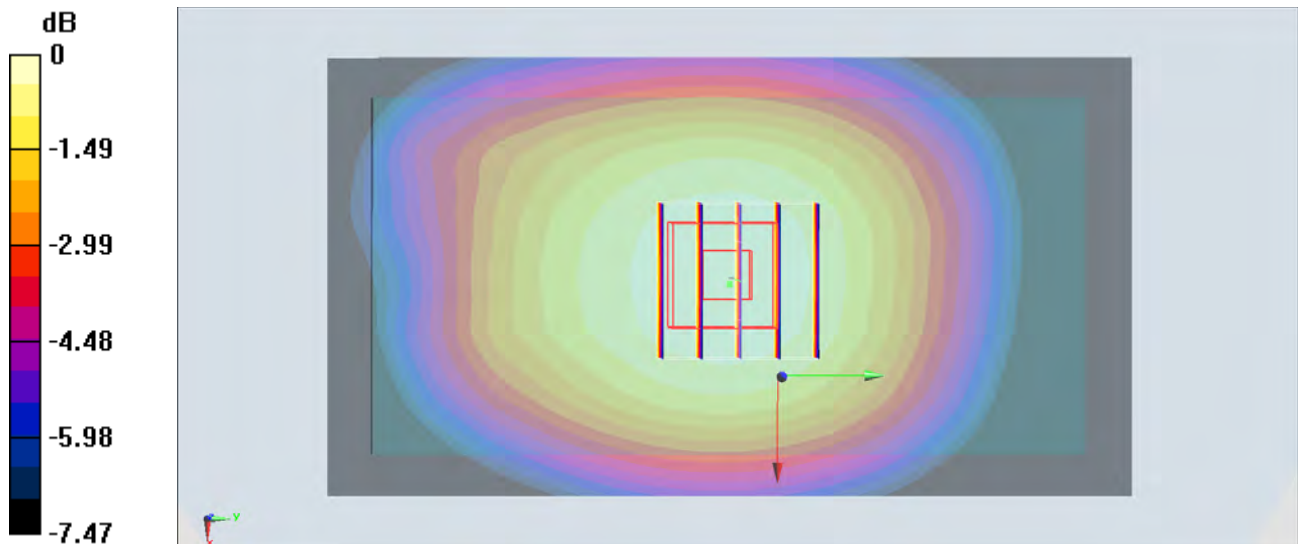
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.234 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.773 \text{ W/kg}$

**SAR(1 g) =  $0.622 \text{ W/kg}$ ; SAR(10 g) =  $0.482 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.709 \text{ W/kg}$



0 dB =  $0.709 \text{ W/kg} = -1.49 \text{ dBW/kg}$

## #27\_WCDMA II\_RMC 12.2Kbps\_Back\_1.5cm\_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_150217 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.467$  S/m;  $\epsilon_r = 53.746$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9262/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.700 W/kg

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

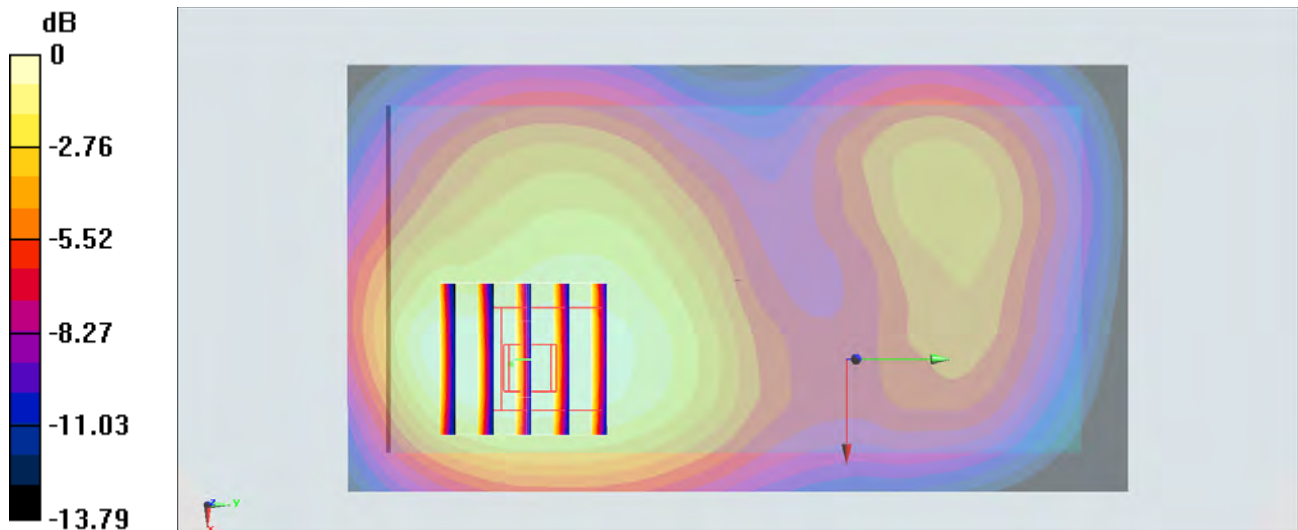
dz=5mm

Reference Value = 22.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 0.683 W/kg



0 dB = 0.683 W/kg = -1.66 dBW/kg

## #28\_LTE Band 5\_10M\_QPSK\_1RB\_0offset\_Front\_1.5cm\_Ch20450

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_150214 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.966$  S/m;  $\epsilon_r = 54.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20450/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.755 W/kg

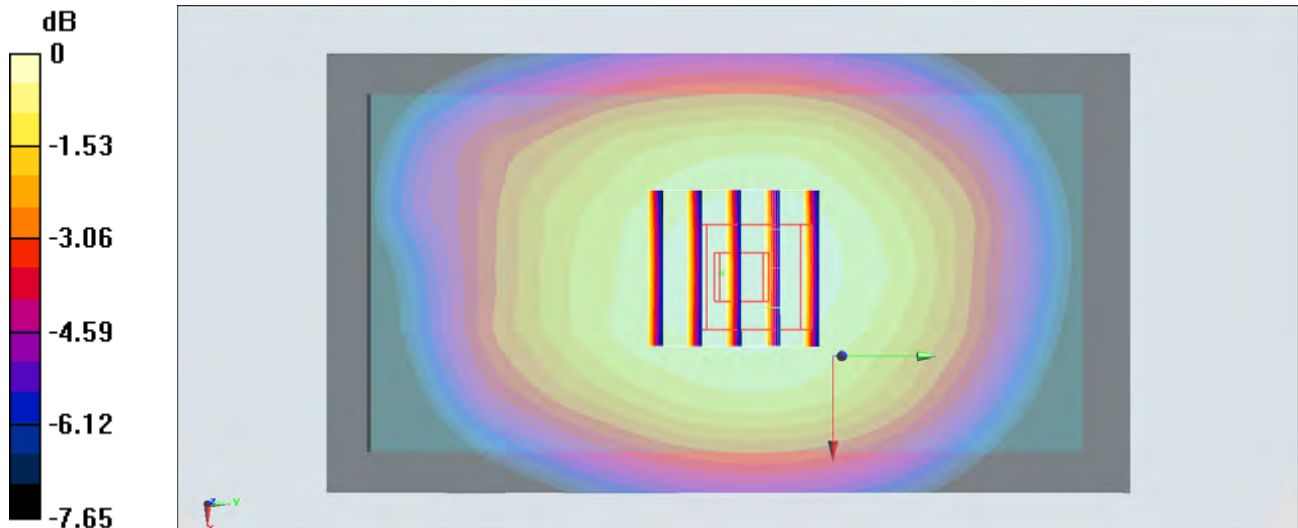
**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.91 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.839 W/kg

**SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.482 W/kg**

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.764 W/kg = -1.17 dBW/kg

### #29\_LTE Band 2\_20M\_QPSK\_1RB\_0offset\_Back\_1.5cm\_Ch19100

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_141220 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.567$  S/m;  $\epsilon_r = 51.574$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.87, 7.87, 7.87); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch19100/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.860 W/kg

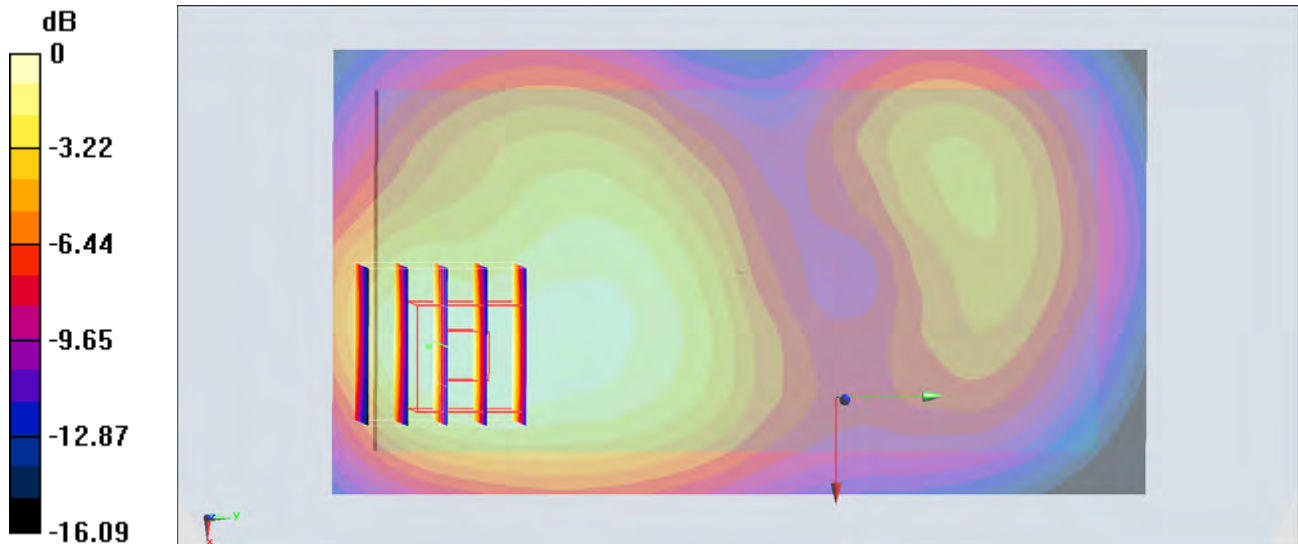
**Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.027 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.999 W/kg

**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.376 W/kg**

Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg = -0.95 dBW/kg

### #30\_LTE Band 7\_20M\_QPSK\_1RB\_0offset\_Back\_1.5cm\_Ch20850

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

Medium: MSL\_2600\_141219 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.114$  S/m;  $\epsilon_r = 54.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.08, 7.08, 7.08); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch20850/Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.822 W/kg

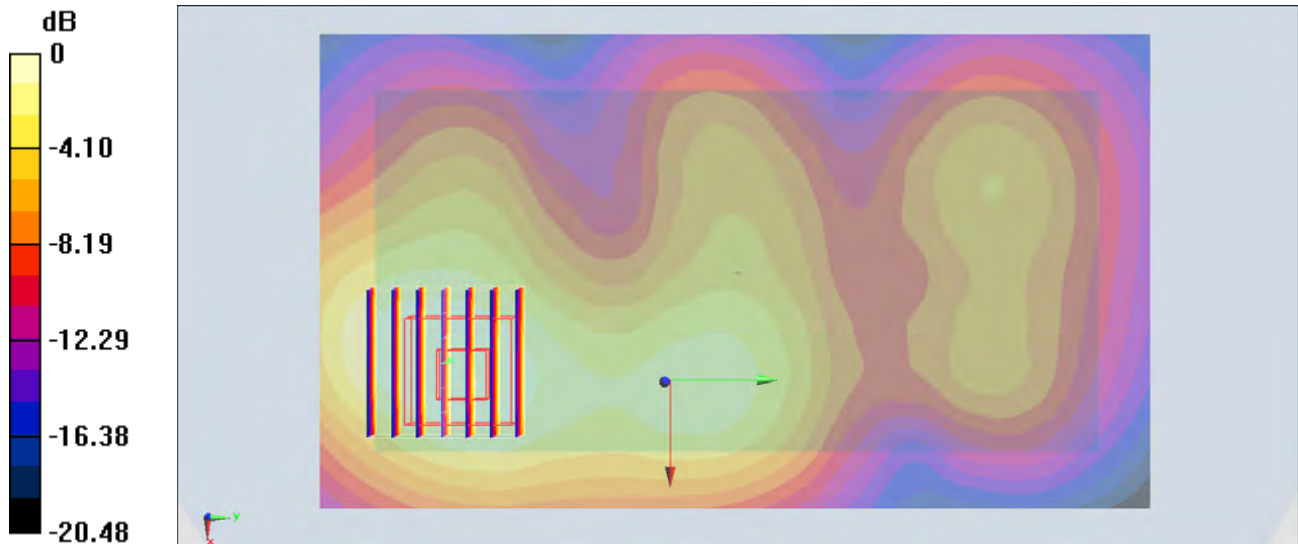
**Configuration/Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.218 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg



### #31\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1.5cm\_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_150216 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.961$  S/m;  $\epsilon_r = 51.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch6/Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.553 W/kg

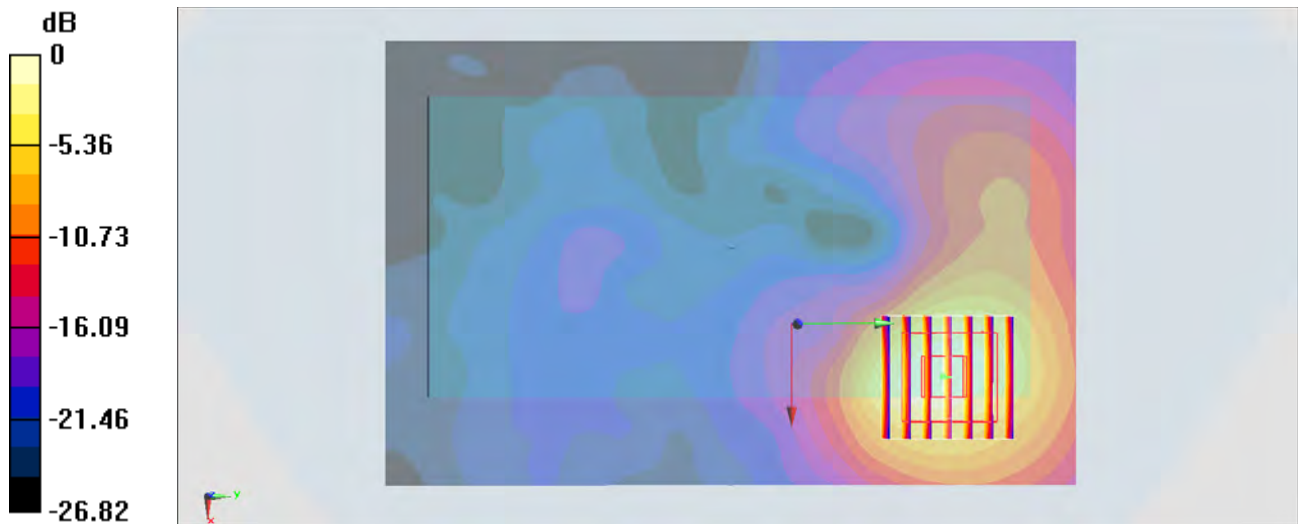
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.16 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.642 W/kg

**SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

### #32\_WLAN5GHz\_802.11a 6Mbps\_Front\_1.5cm\_Ch36

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

Medium: MSL\_5G\_141226 Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.21 \text{ mho/m}$ ;  $\epsilon_r = 47.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch36/Area Scan (101x181x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.186 \text{ mW/g}$

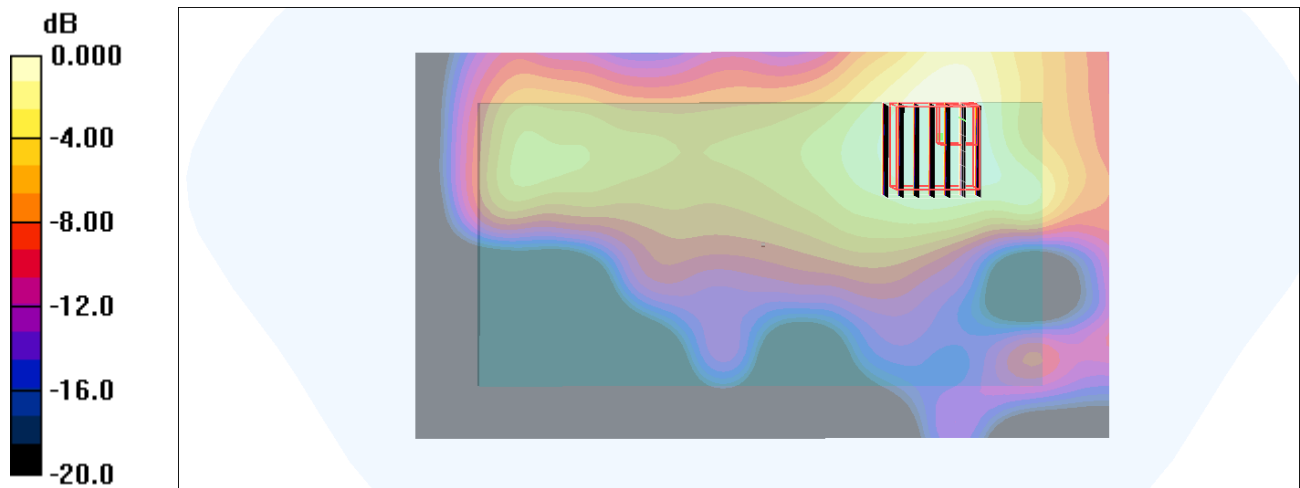
**Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $6.32 \text{ V/m}$ ; Power Drift =  $0.047 \text{ dB}$

Peak SAR (extrapolated) =  $0.245 \text{ W/kg}$

**SAR(1 g) =  $0.071 \text{ mW/g}$ ; SAR(10 g) =  $0.025 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.175 \text{ mW/g}$



0 dB =  $0.175\text{mW/g}$



### #33\_WLAN5GHz\_802.11a\_6Mbps\_Front\_1.5cm\_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_141226 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.38$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch60/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.165 mW/g

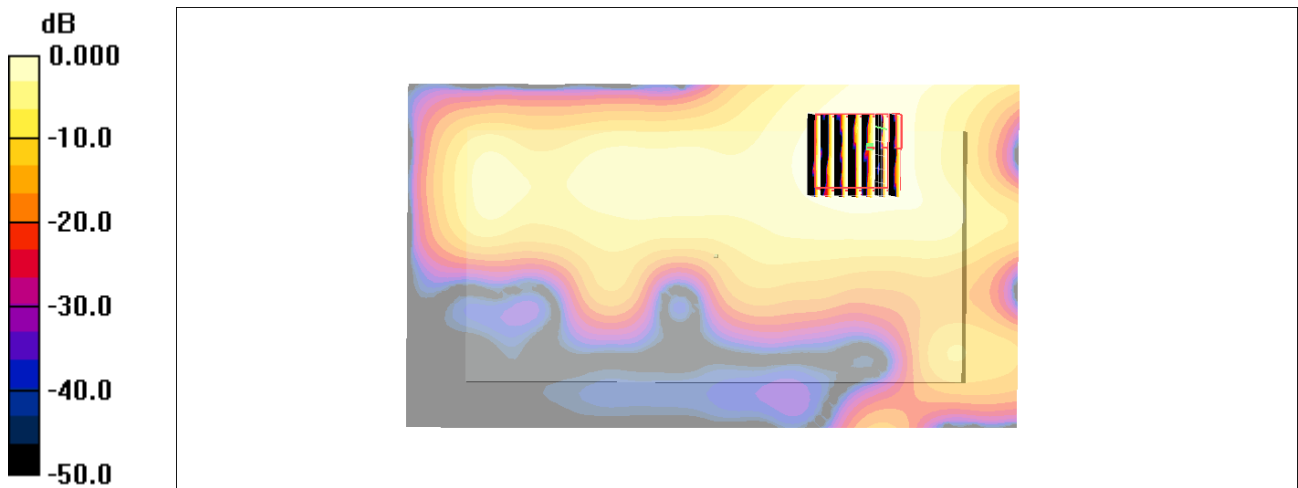
**Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.06 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.022 mW/g**

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



0 dB = 0.177mW/g

### #34\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1.5cm\_Ch140

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_141226 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.94$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch140/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.092 mW/g

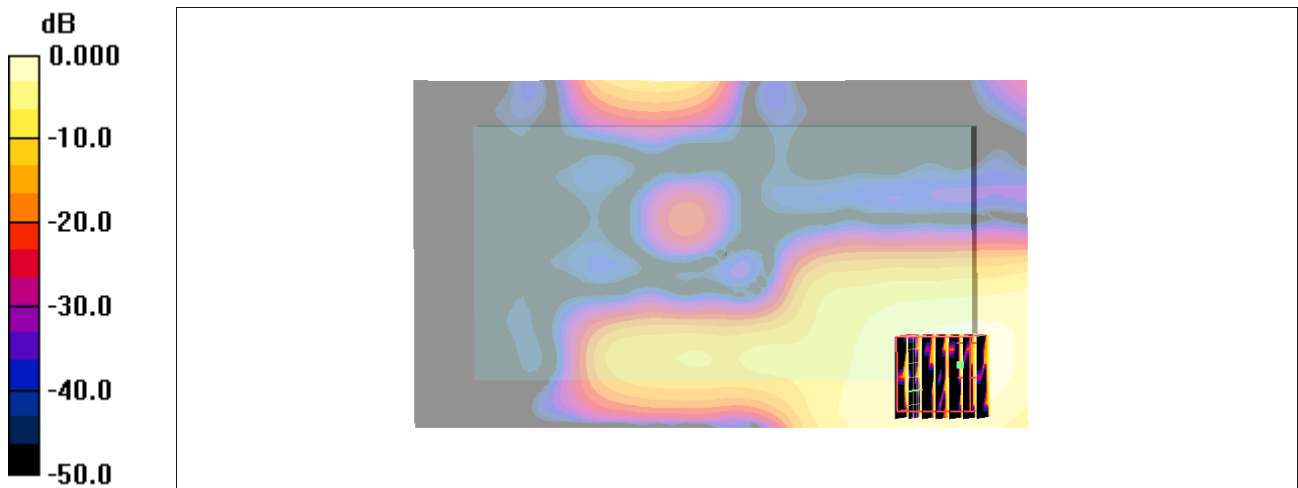
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.70 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112mW/g

### #35\_WLAN5GHz\_802.11a 6Mbps\_Back\_1.5cm\_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5G\_141226 Medium parameters used :  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.07 \text{ mho/m}$ ;  $\epsilon_r = 46.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch149/Area Scan (101x181x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.146 \text{ mW/g}$

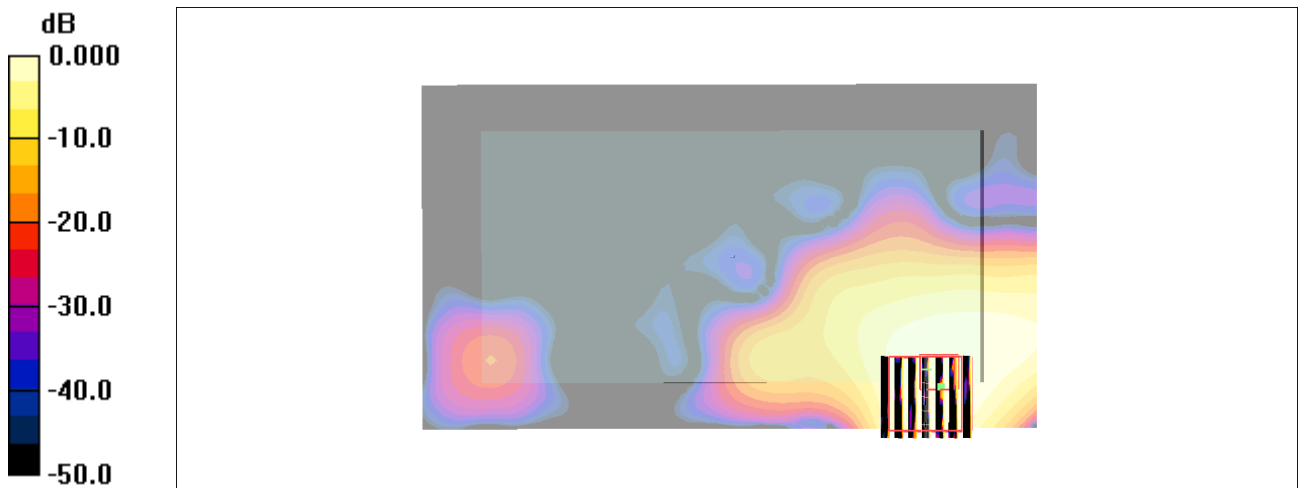
**Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $4.76 \text{ V/m}$ ; Power Drift =  $-0.098 \text{ dB}$

Peak SAR (extrapolated) =  $0.214 \text{ W/kg}$

**SAR(1 g) =  $0.041 \text{ mW/g}$ ; SAR(10 g) =  $0.014 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.112 \text{ mW/g}$



0 dB =  $0.112\text{mW/g}$