

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

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

Medium: HSL\_850\_151121 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.902 \text{ S/m}$ ;  $\epsilon_r = 40.633$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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/Ch251/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.562 \text{ W/kg}$

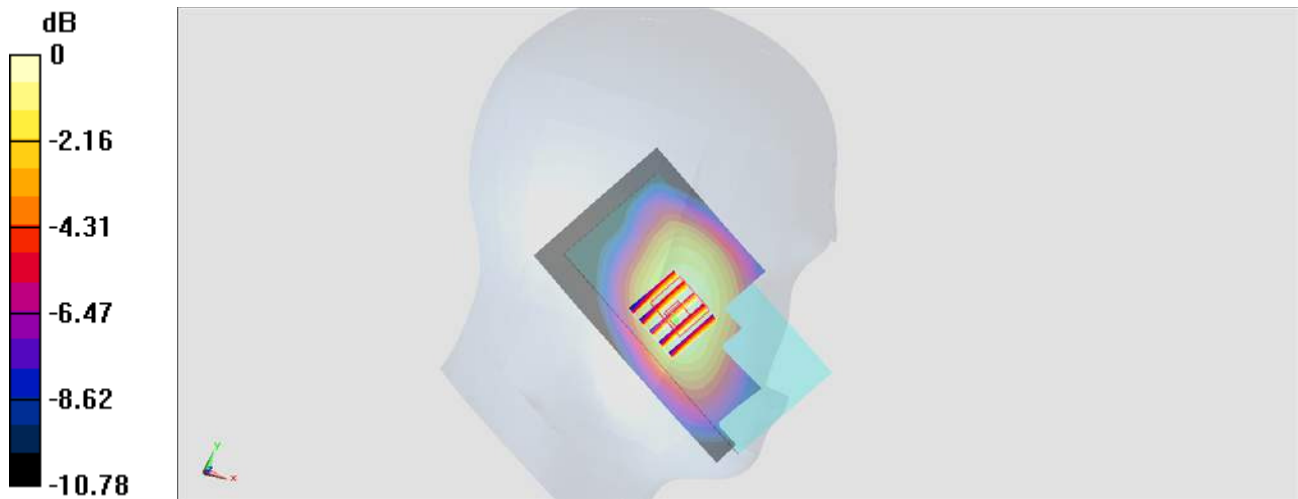
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.37 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.631 \text{ W/kg}$

**SAR(1 g) =  $0.460 \text{ W/kg}$ ; SAR(10 g) =  $0.346 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.551 \text{ W/kg}$



$0 \text{ dB} = 0.551 \text{ W/kg} = -2.59 \text{ dBW/kg}$

## #02\_GSM1900\_GPRS (4 Tx slots)\_Left Cheek\_Ch810

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

Medium: HSL\_1900\_151123 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 38.538$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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/Ch810/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.327 W/kg

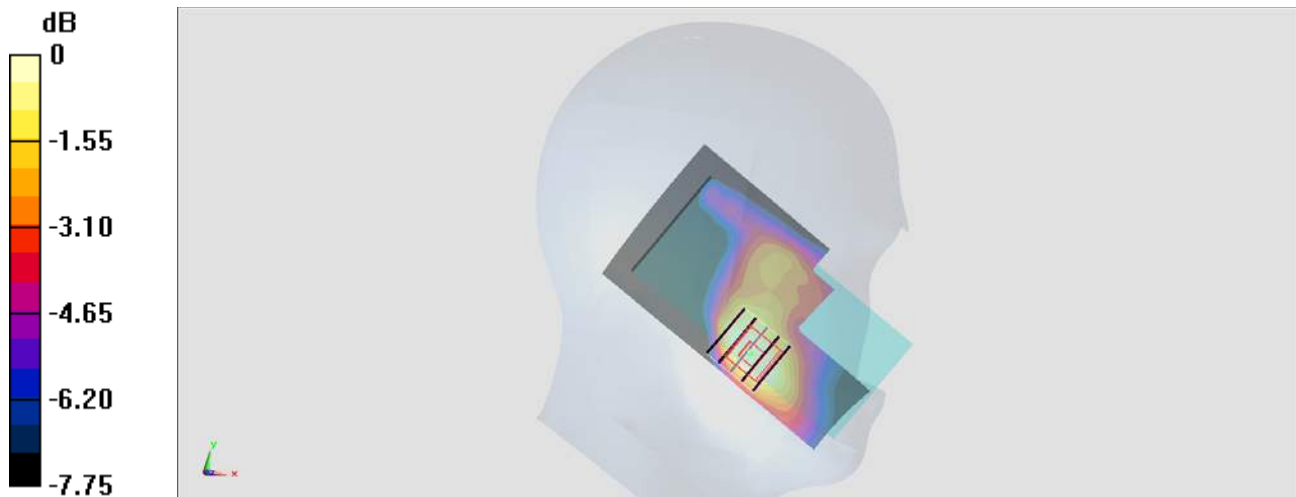
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.90 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.273 W/kg



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

### #03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9538

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

Medium: HSL\_1900\_151128 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 40.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.31, 8.31, 8.31); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9538/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.443 W/kg

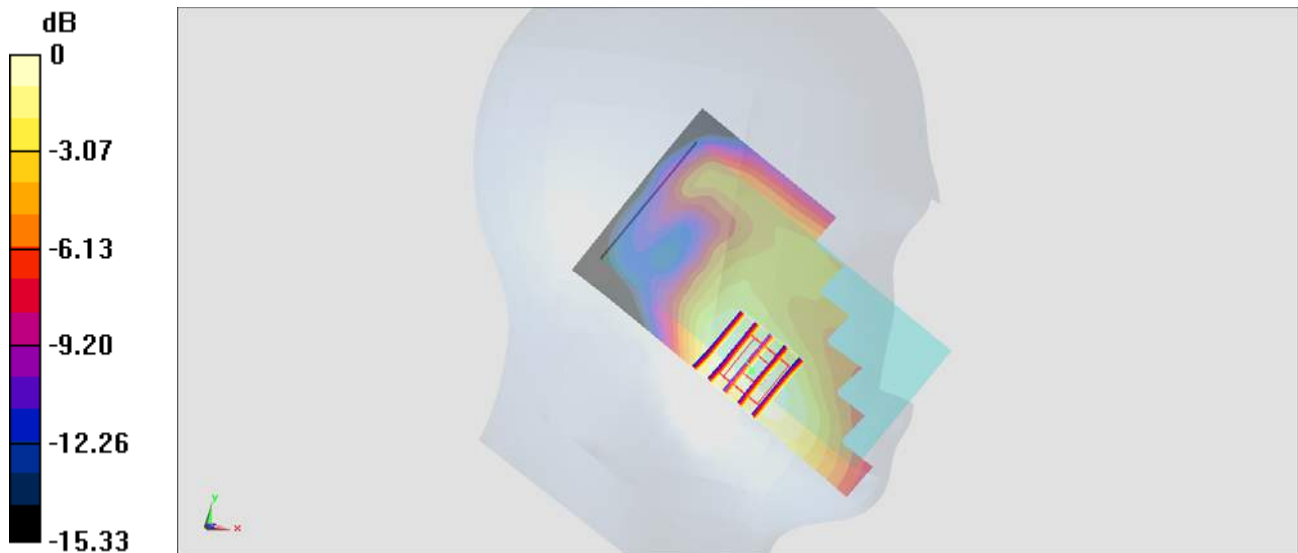
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.032 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.515 W/kg

**SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 dBW/kg

### #04\_WCDMA IV\_RMC 12.2Kbps\_Right Cheek\_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1750\_151201 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 40.876$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3931; ConvF(8.58, 8.58, 8.58); 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:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1513/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.389 W/kg

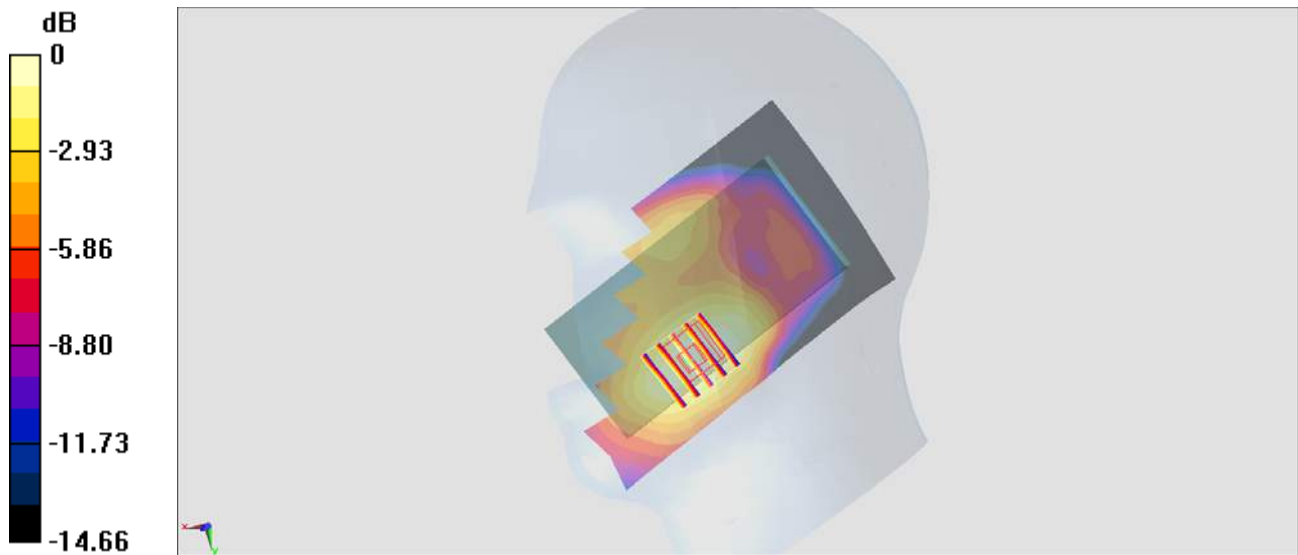
**Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.15 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.443 W/kg

**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg = -4.03 dBW/kg

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

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

Medium: HSL\_850\_151121 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.9$  S/m;  $\epsilon_r = 40.655$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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/Ch4233/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.426 W/kg

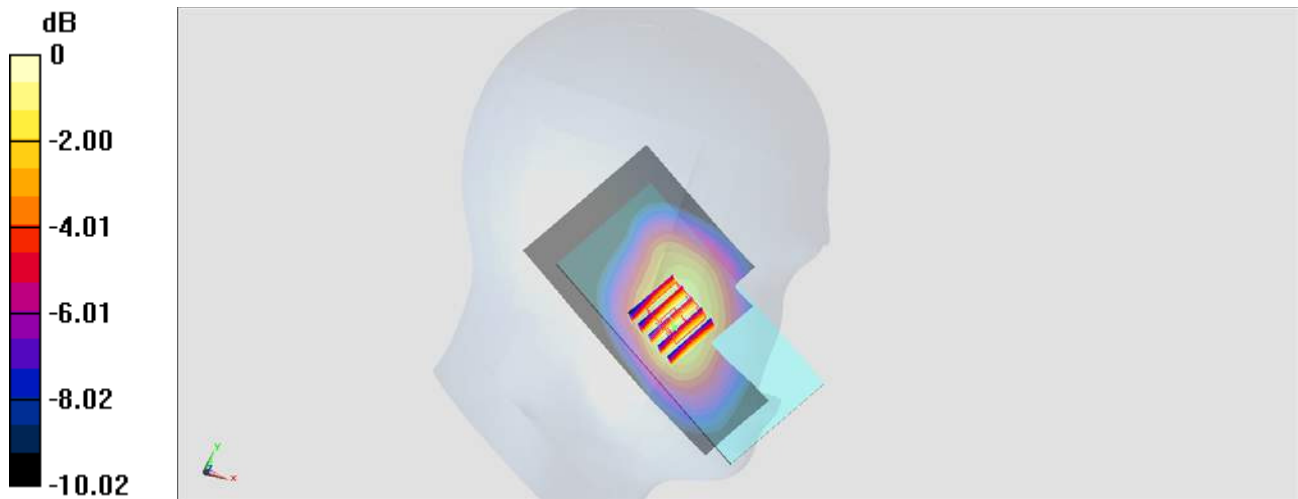
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.51 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.609 W/kg

**SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.329 W/kg**

Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

## #06\_LTE Band 2\_20M\_QPSK\_1\_0\_Right Cheek\_Ch18900

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

Medium: HSL\_1900\_151202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.436$  S/m;  $\epsilon_r = 40.006$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.31, 8.31, 8.31); 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:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch18900/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.384 W/kg

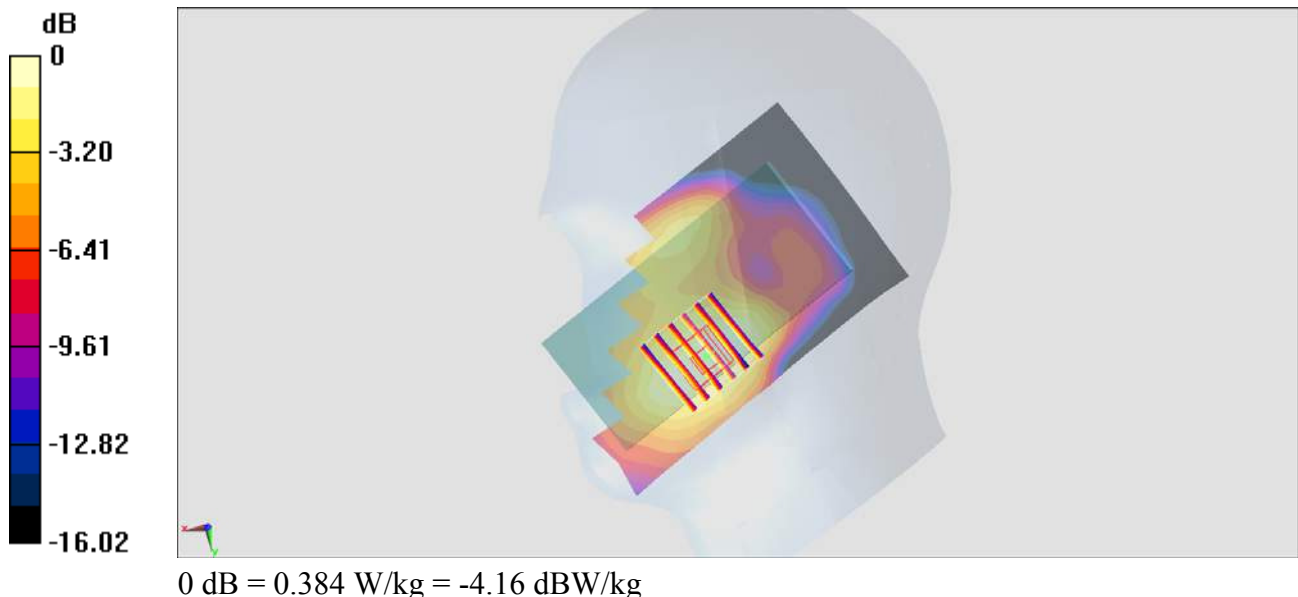
**Configuration/Ch18900/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.442 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.192 W/kg**

Maximum value of SAR (measured) = 0.384 W/kg



### #07\_LTE Band 4\_20M\_QPSK\_1\_0\_Right Cheek\_Ch20175

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

Medium: HSL\_1750\_151201 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 40.94$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.58, 8.58, 8.58); 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:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20175/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.348 W/kg

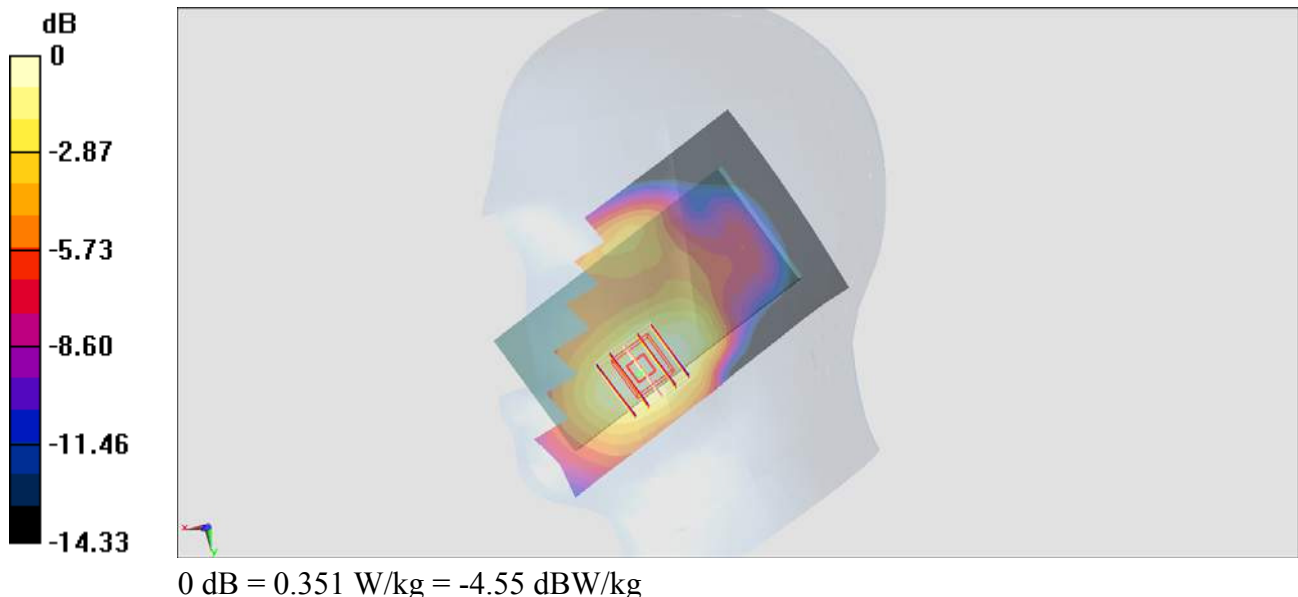
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.72 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.393 W/kg

**SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.351 W/kg



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

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

Medium: HSL\_850\_151121 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 40.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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/Ch20525/Area Scan (61x11x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

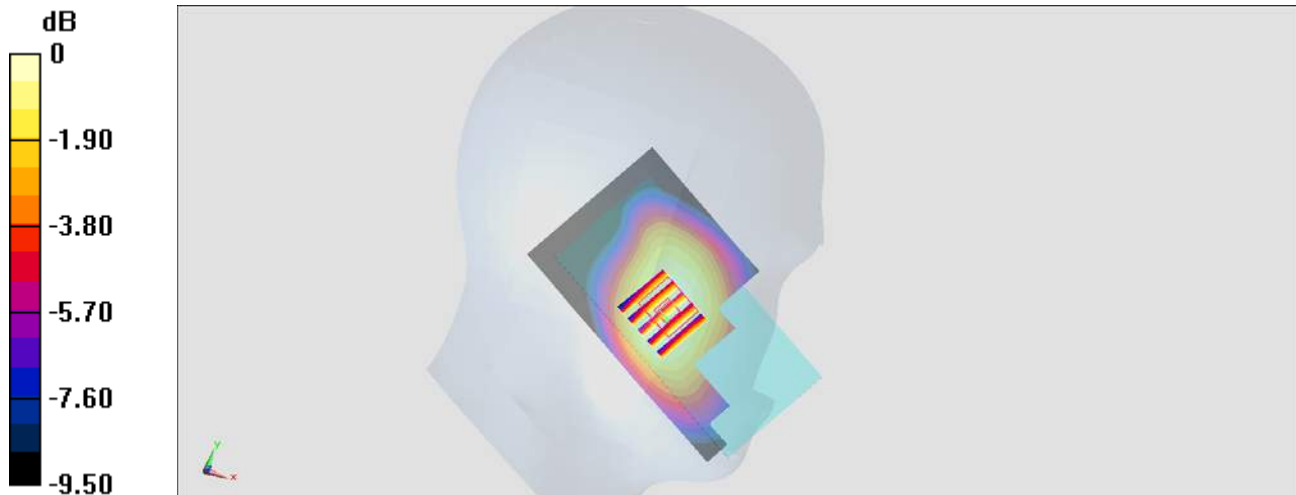
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.97 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.337 W/kg**

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg



### #09\_LTE Band 7\_20M\_QPSK\_1\_0\_Left Cheek\_Ch21350

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

Medium: HSL\_2600\_160113 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.907$  S/m;  $\epsilon_r = 40.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.645 W/kg

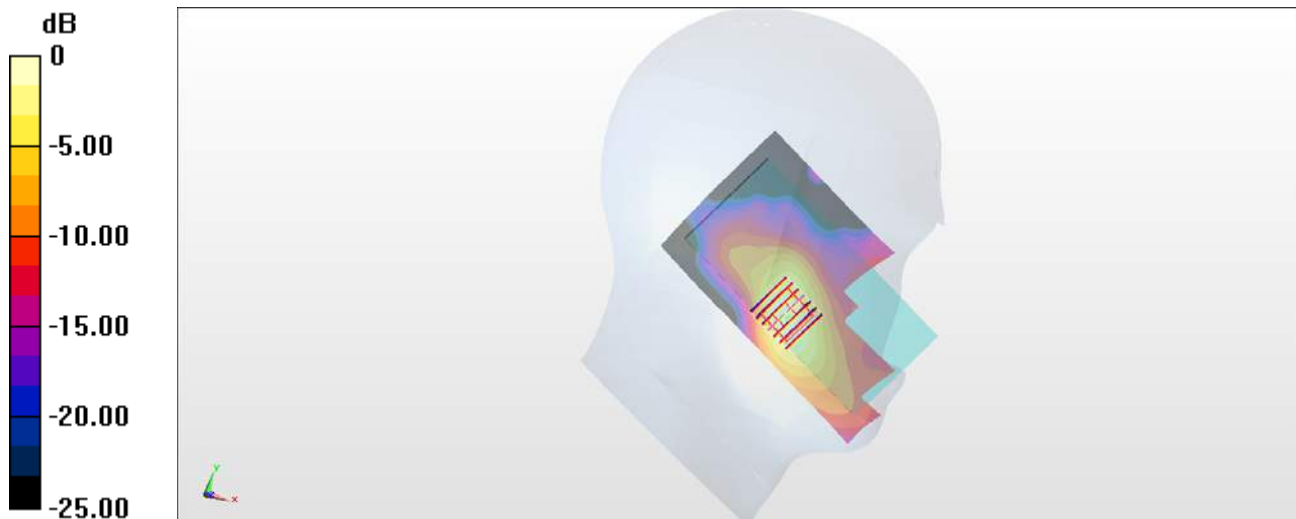
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.74 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.777 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.622 W/kg = -2.06 dBW/kg

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

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

Medium: HSL\_750\_151122 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.866$  S/m;  $\epsilon_r = 42.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.5, 6.5, 6.5); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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/Ch23095/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.155 W/kg

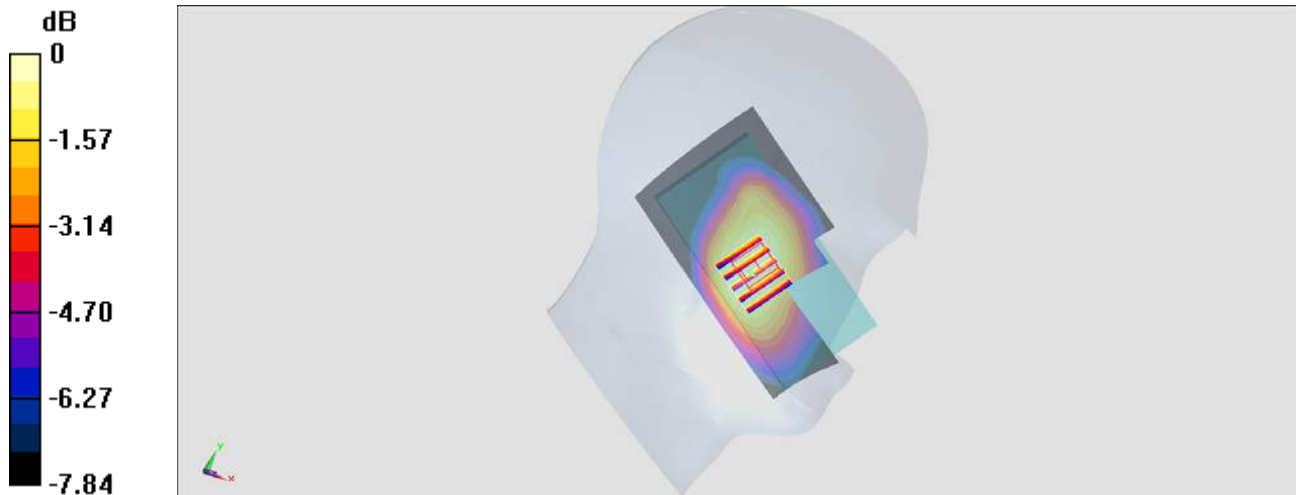
**Configuration/Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.15 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.184 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.157 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

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

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

Medium: HSL\_750\_151122 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.934 \text{ S/m}$ ;  $\epsilon_r = 41.117$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.5, 6.5, 6.5); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- 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/Ch23230/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.368 \text{ W/kg}$

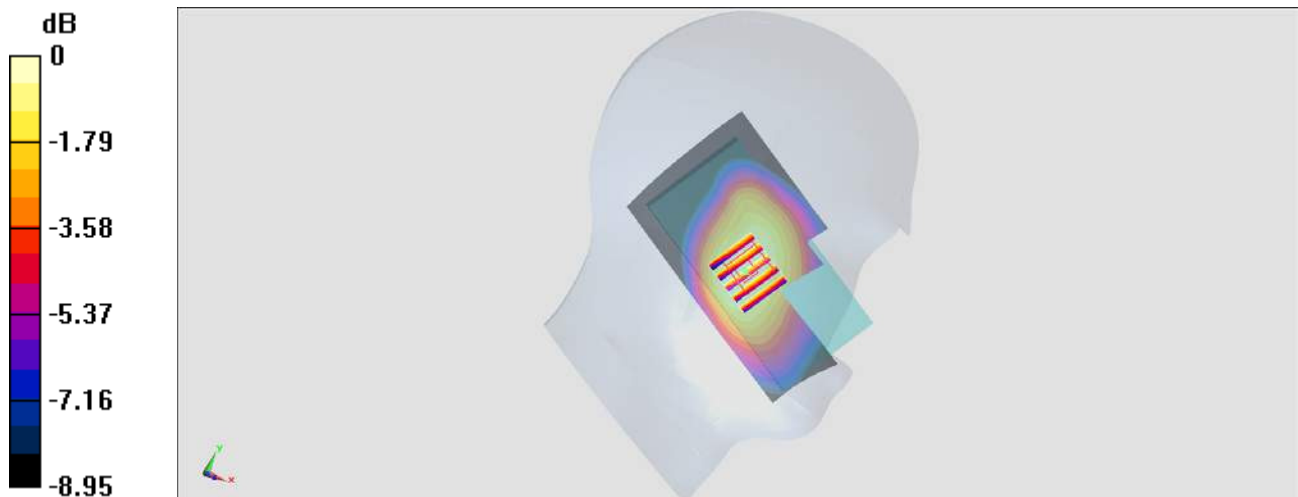
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $21.06 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.438 \text{ W/kg}$

**SAR(1 g) =  $0.316 \text{ W/kg}$ ; SAR(10 g) =  $0.246 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.378 \text{ W/kg}$



0 dB =  $0.378 \text{ W/kg}$  =  $-4.23 \text{ dBW/kg}$

## #12\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_151128 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.74$  S/m;  $\epsilon_r = 38.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); 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:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (71x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.469 W/kg

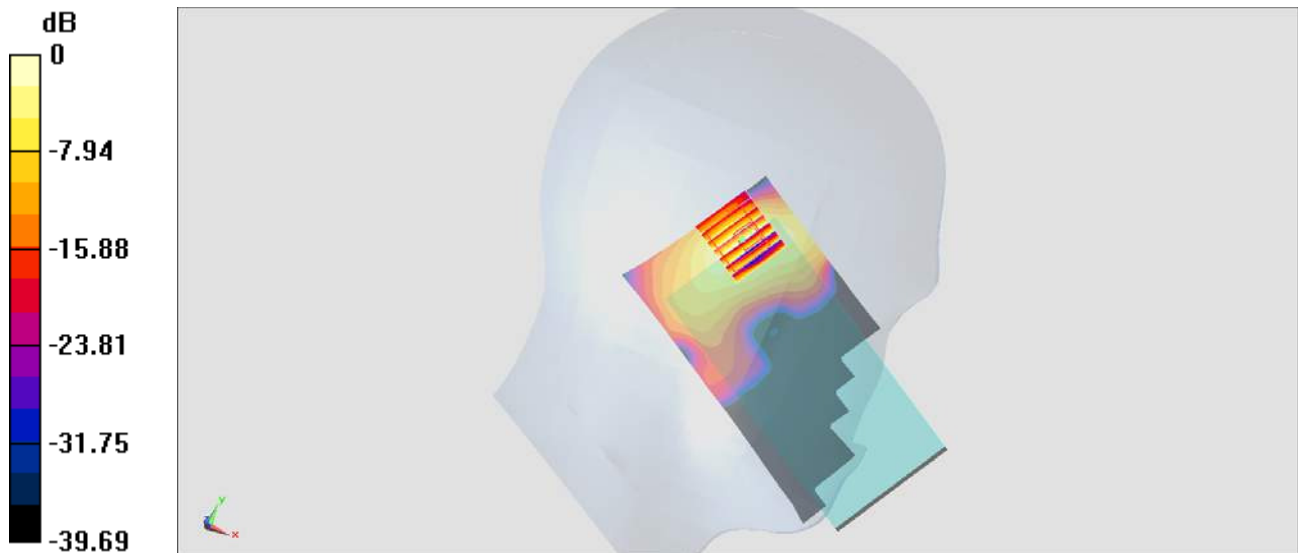
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.804 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.837 W/kg

**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.128 W/kg**

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

## #13\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_Ch56

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_151122 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.573$  S/m;  $\epsilon_r = 36.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch56/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.723 W/kg

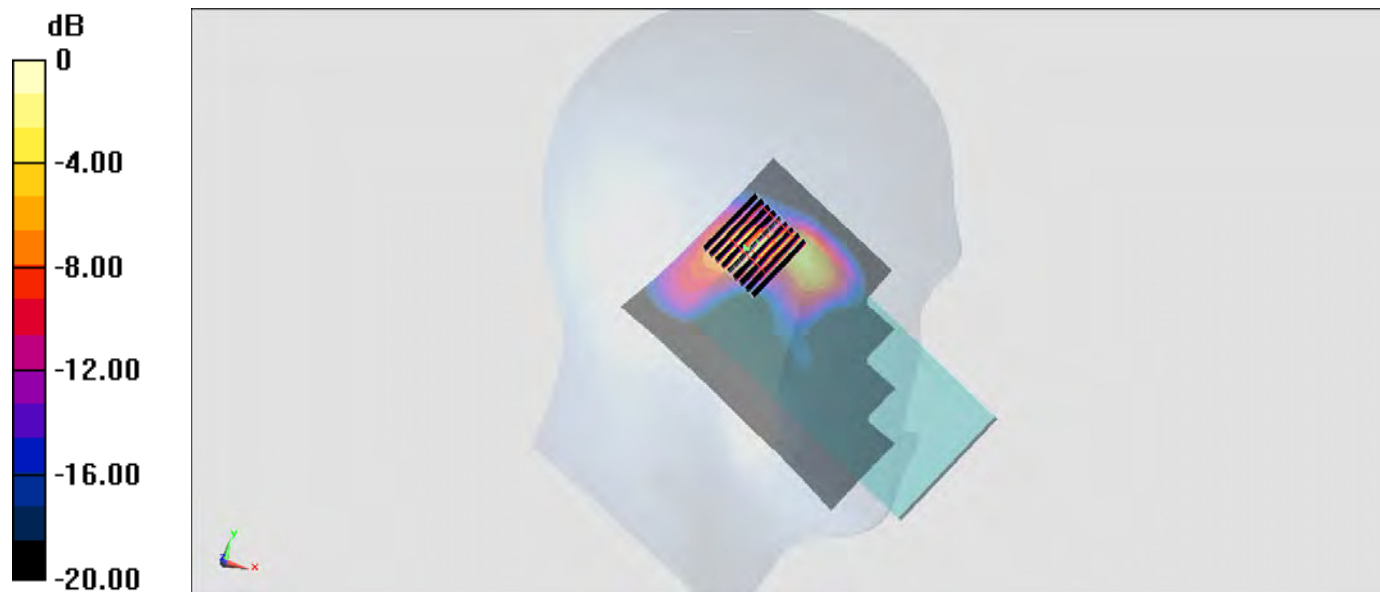
**Configuration/Ch56/Zoom Scan (9x10x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.52 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

## #14\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz;Duty Cycle: 1:1.029

Medium: HSL\_5G\_151128 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.054$  S/m;  $\epsilon_r = 35.907$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch132/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

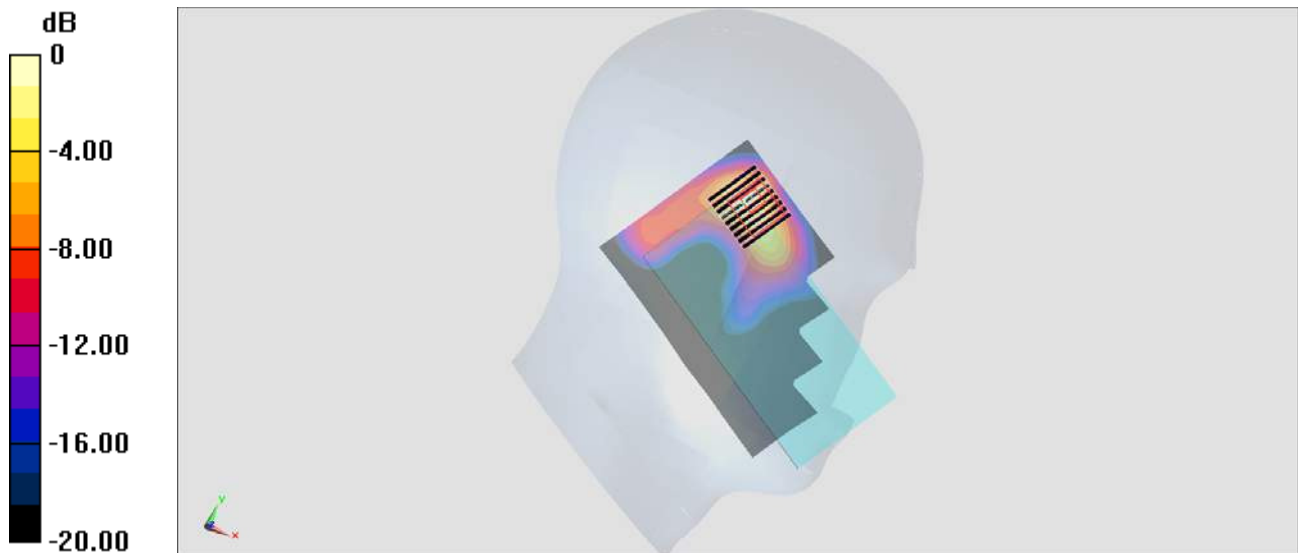
**Configuration/Ch132/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.002 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.155 W/kg**

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



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

**#15\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch157**

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.029

Medium: HSL\_5G\_151122 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.056$  S/m;  $\epsilon_r = 35.769$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.58, 4.58, 4.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right..Type:.SAM..Serial:.1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch157/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.942 W/kg

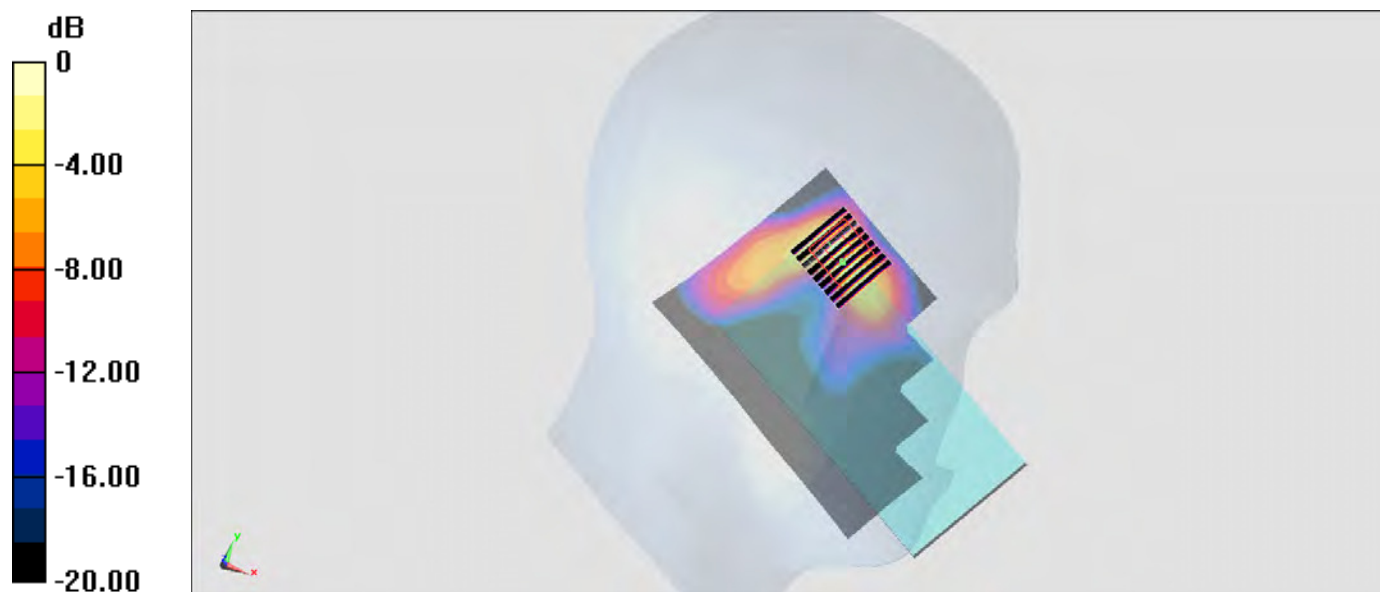
**Configuration/Ch157/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.860 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

## #16\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch251

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

Medium: MSL\_850\_151118 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 56.425$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.821 W/kg

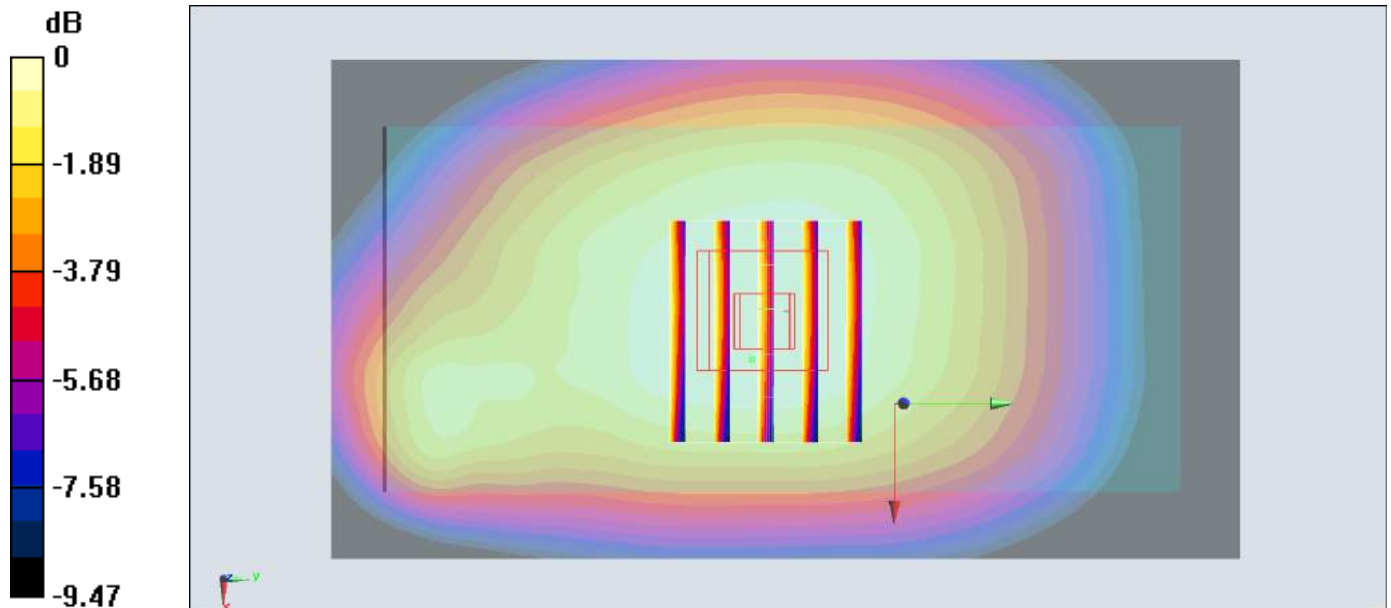
**Configuration/Ch251/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.96 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.960 W/kg

**SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.525 W/kg**

Maximum value of SAR (measured) = 0.816 W/kg



0 dB = 0.816 W/kg = -0.88 dBW/kg



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

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

Medium: MSL\_1900\_151117 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.565 \text{ S/m}$ ;  $\epsilon_r = 51.517$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch810/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $1.21 \text{ W/kg}$

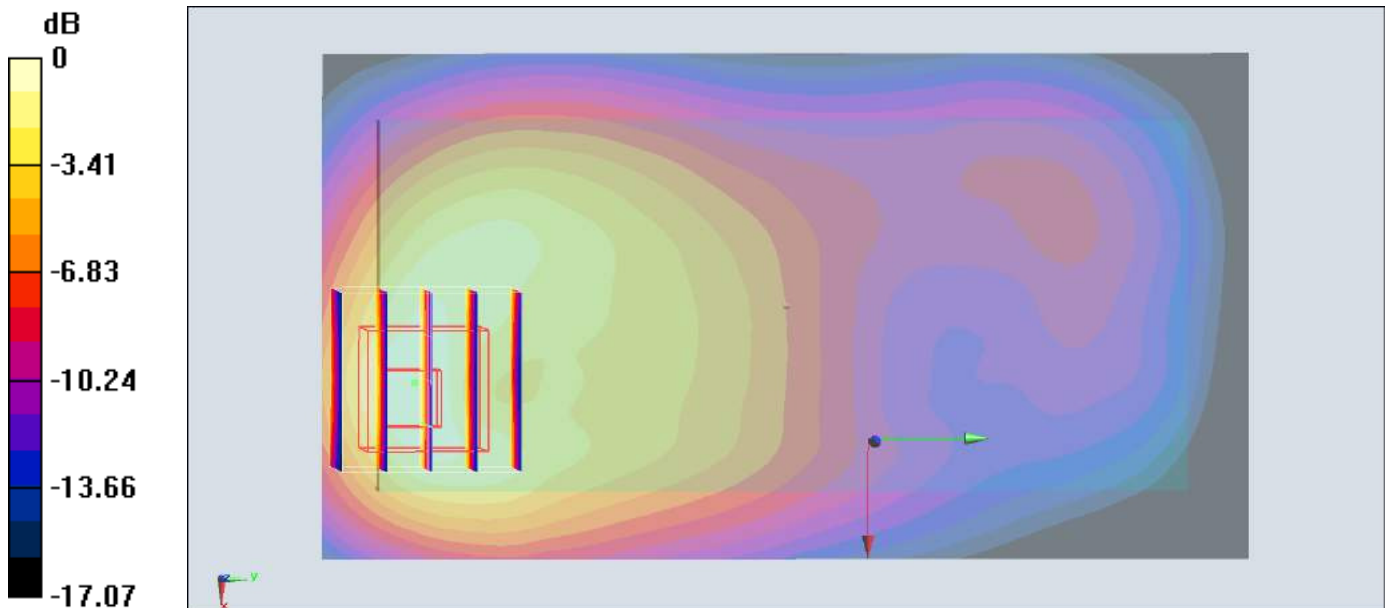
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $19.69 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $1.50 \text{ W/kg}$

**SAR(1 g) =  $0.807 \text{ W/kg}$ ; SAR(10 g) =  $0.436 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.12 \text{ W/kg}$



0 dB =  $1.12 \text{ W/kg}$  =  $0.49 \text{ dBW/kg}$

## #18\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_151126 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 55.484$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2015/9/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- 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) = 1.39 W/kg

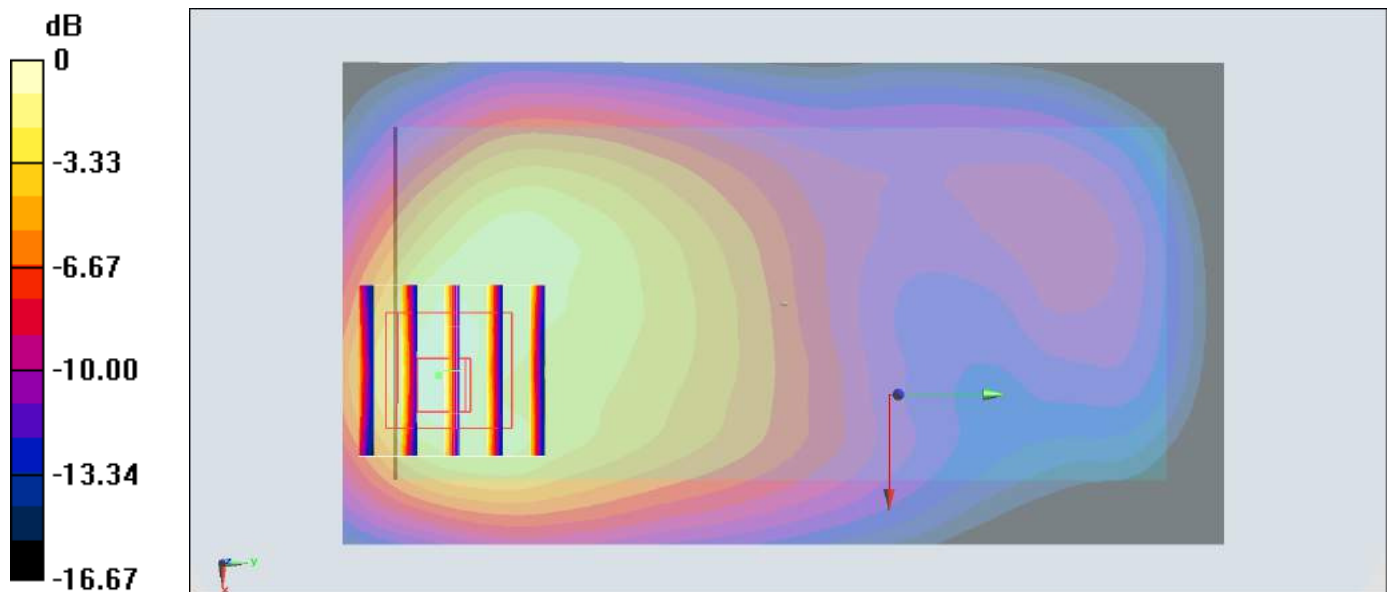
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.99 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.517 W/kg**

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

## #19\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1312

Communication System: WCDMA ; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1750\_151126 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 55.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23 °C ; Liquid Temperature : 22 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.19, 8.19, 8.19); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1312/Area Scan (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.52 W/kg

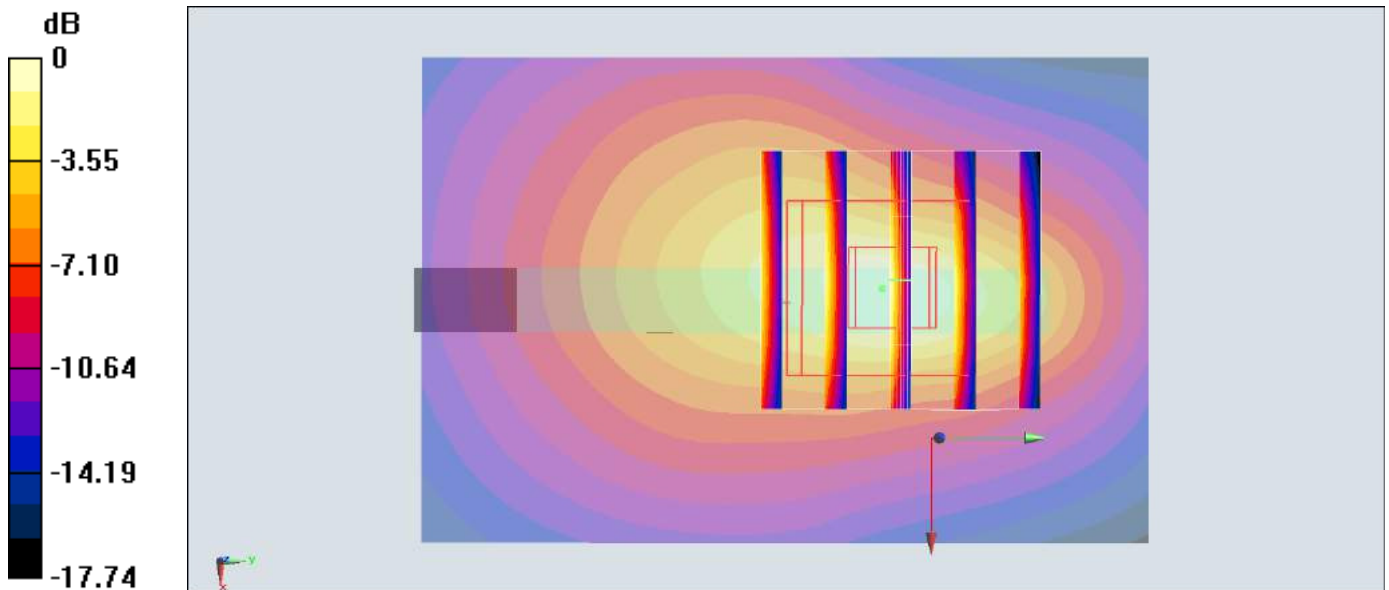
**Configuration/Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.92 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.502 W/kg**

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg = 1.76 dBW/kg

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

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

Medium: MSL\_850\_151118 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 56.444$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.758 W/kg

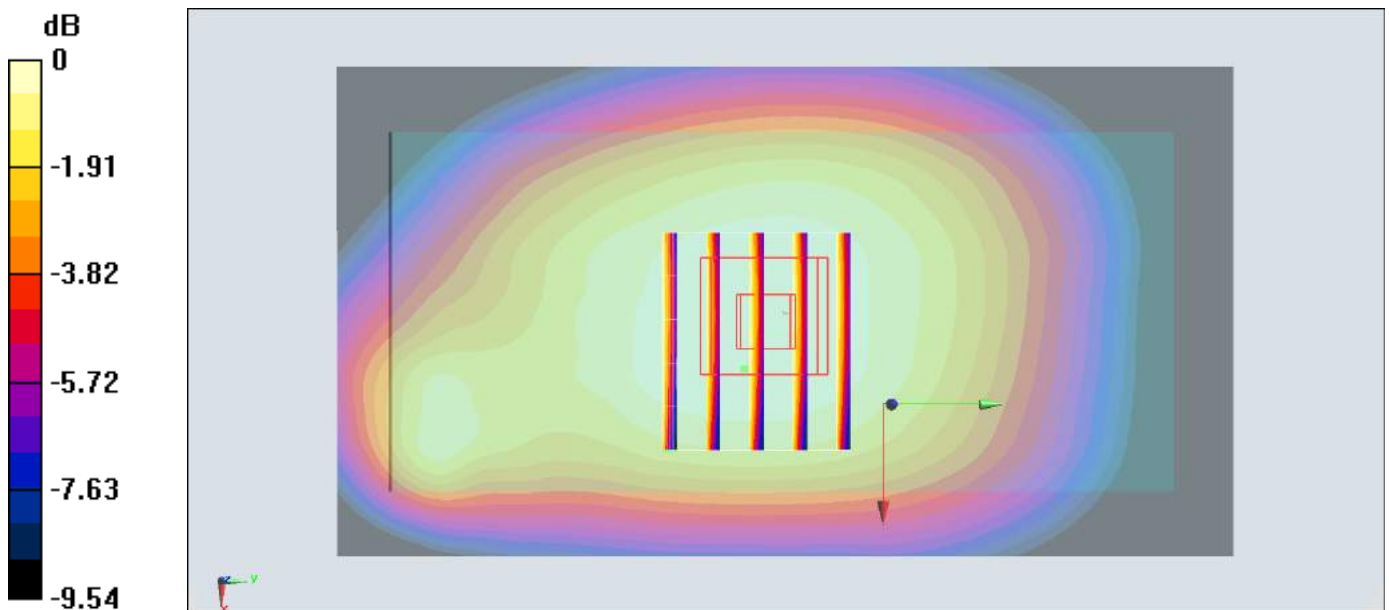
**Configuration/Ch4233/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.06 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.885 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.491 W/kg**

Maximum value of SAR (measured) = 0.754 W/kg



0 dB = 0.754 W/kg = -1.23 dBW/kg

### #21\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch18700

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

Medium: MSL\_1900\_151202 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.527$  S/m;  $\epsilon_r = 54.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch18700/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

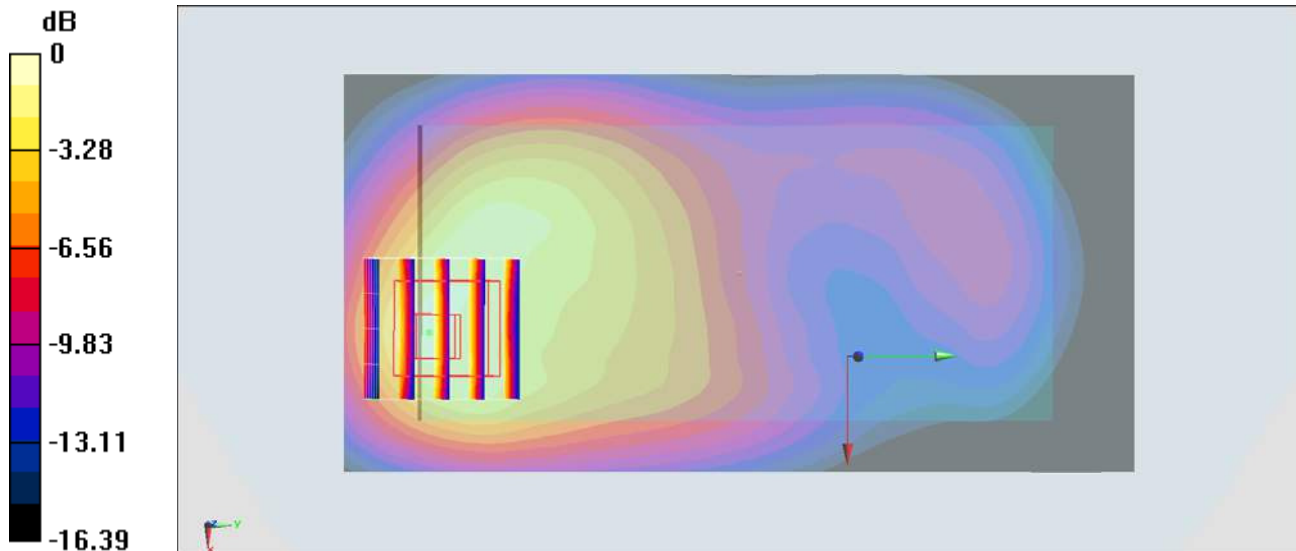
**Configuration/Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.15 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.610 W/kg**

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



0 dB = 1.54 W/kg = 1.88 dBW/kg

## #22\_LTE Band 4\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch20175

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

Medium: MSL\_1750\_151203 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 54.382$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.19, 8.19, 8.19); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20175/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.67 W/kg

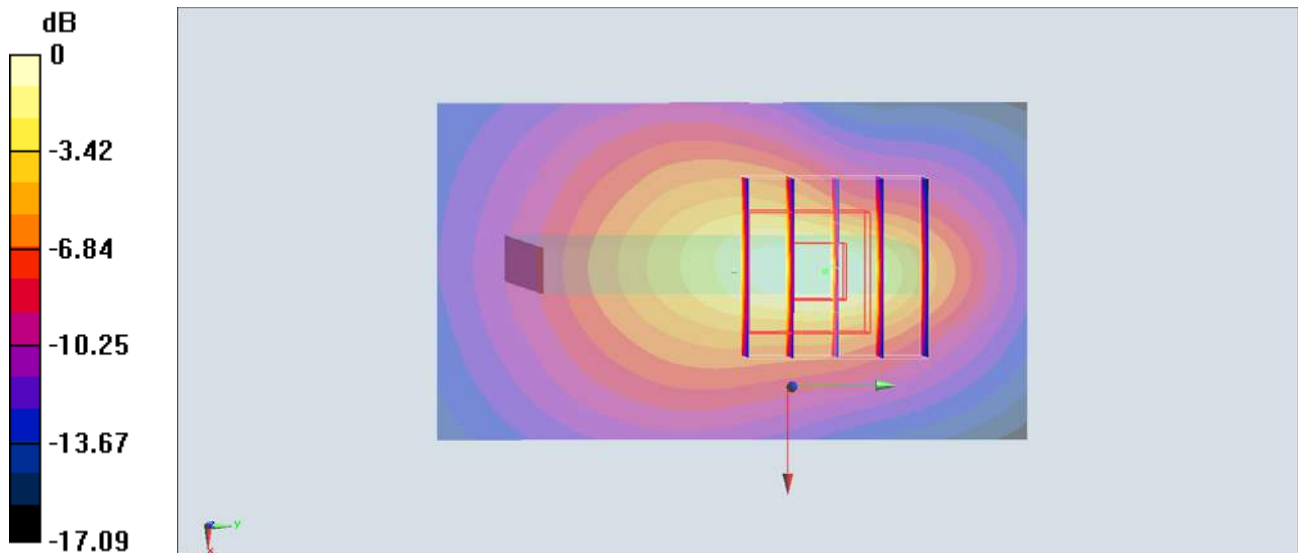
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.55 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.612 W/kg**

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

### #23\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch20525

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

Medium: MSL\_850\_151118 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 56.552$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20525/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.705 W/kg

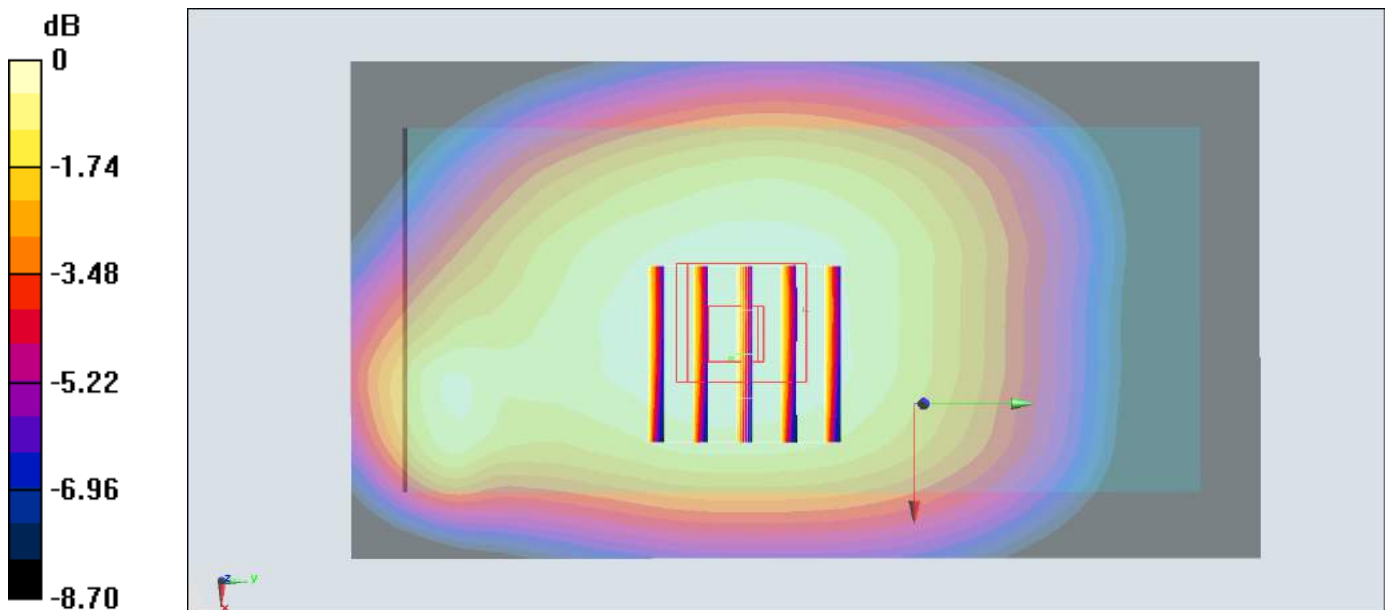
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.15 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.824 W/kg

**SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.456 W/kg**

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg = -1.54 dBW/kg

### #24\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch21350

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

Medium: MSL\_2600\_151122 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.046$  S/m;  $\epsilon_r = 53.014$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch21350/Area Scan (71x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

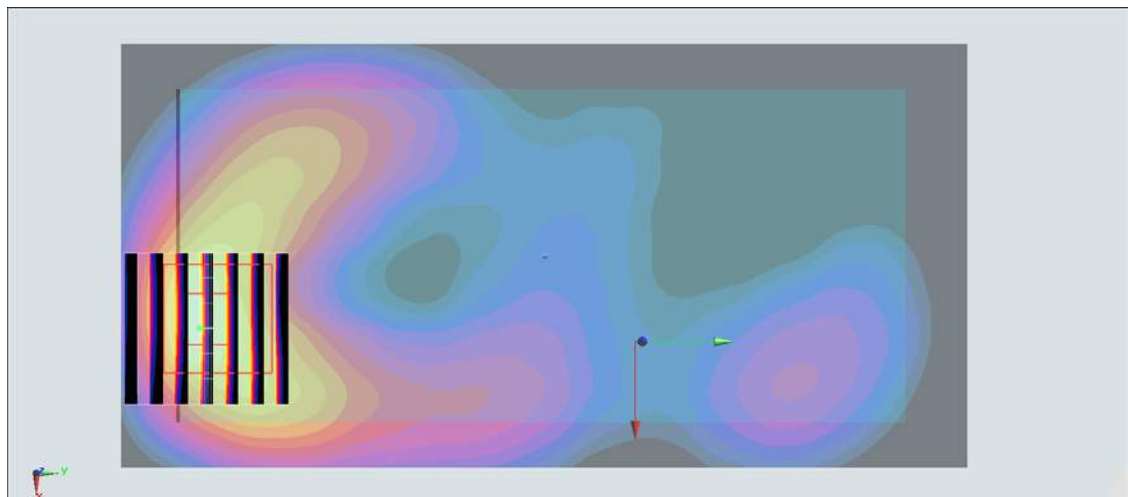
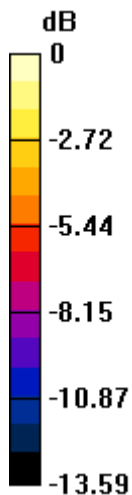
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.62 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.28 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.467 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg



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

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

Medium: MSL750\_151121 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.937$  S/m;  $\epsilon_r = 54.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.29, 10.29, 10.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23095/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.331 W/kg

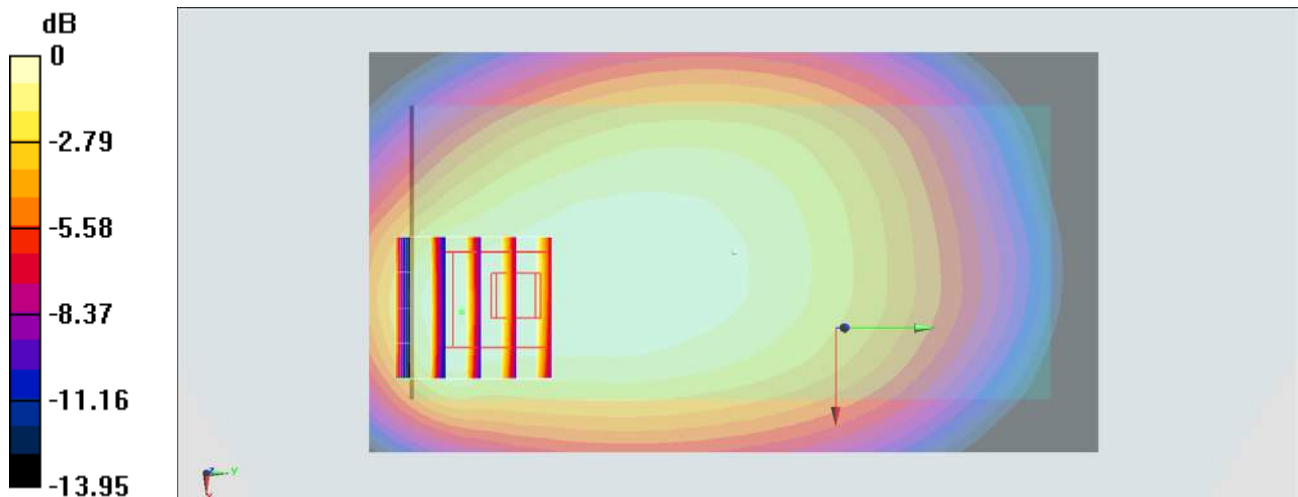
**Configuration/Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.78 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.168 W/kg**

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

### #26\_LTE Band 13\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23230

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

Medium: MSL750\_151121 Medium parameters used:  $f = 782$  MHz;  $\sigma = 1.008$  S/m;  $\epsilon_r = 53.895$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.29, 10.29, 10.29); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23230/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

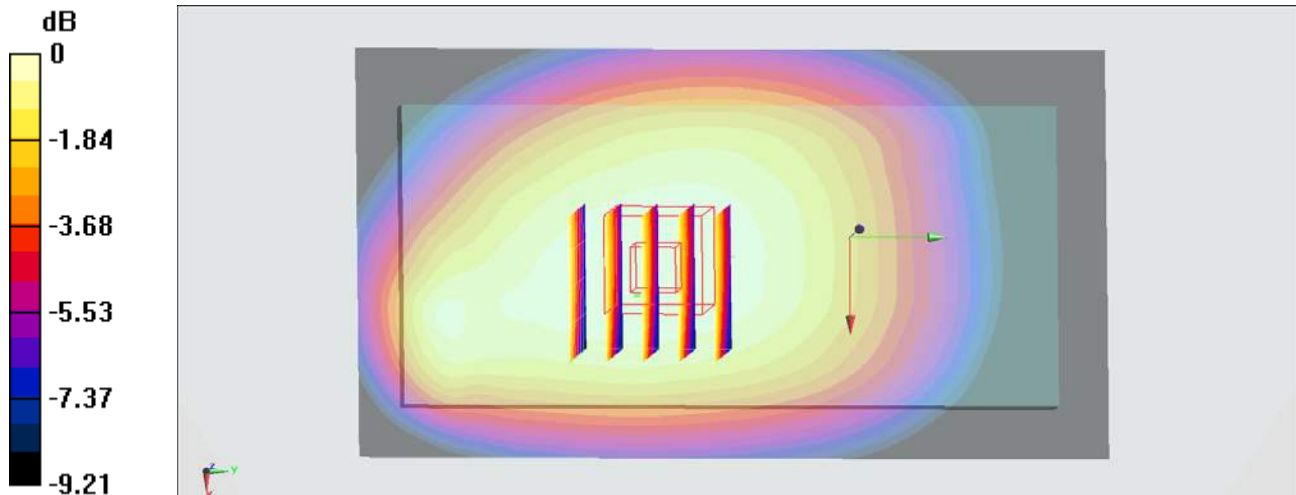
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.58 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.683 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

## #27\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_151121 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  S/m;  $\epsilon_r = 51.223$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.302 W/kg

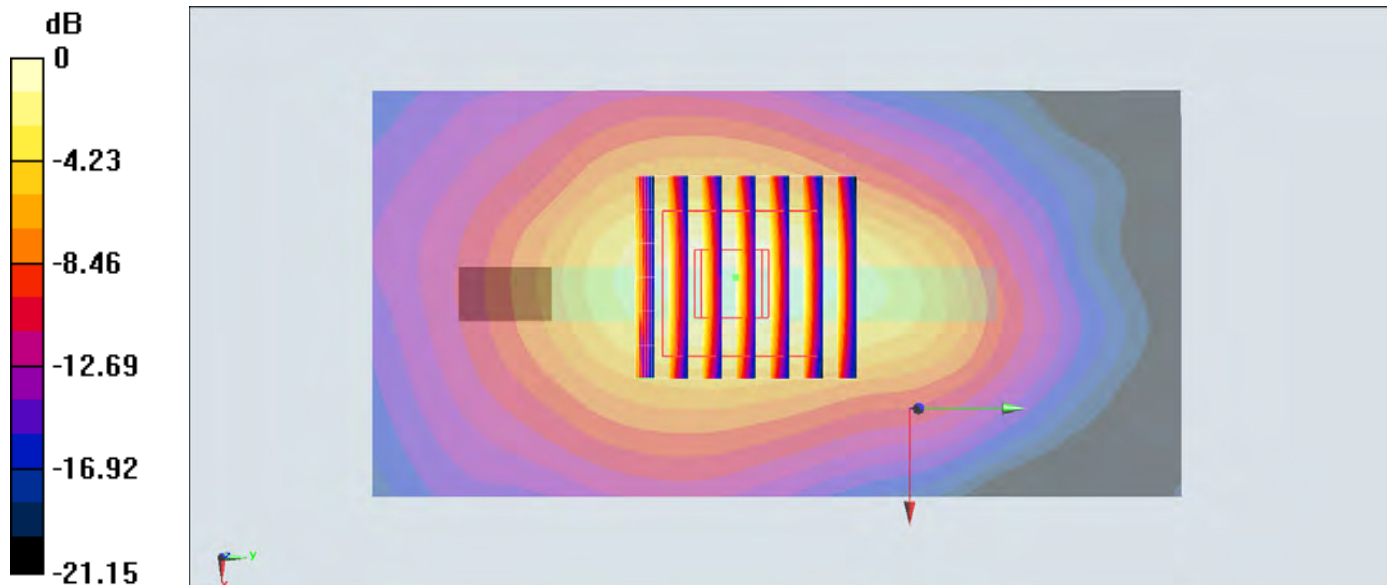
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.50 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

## #28\_GSM850\_GPRS (4 Tx slots)\_Back\_15mm\_Ch251

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

Medium: MSL\_850\_151118 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.999$  S/m;  $\epsilon_r = 56.425$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.680 W/kg

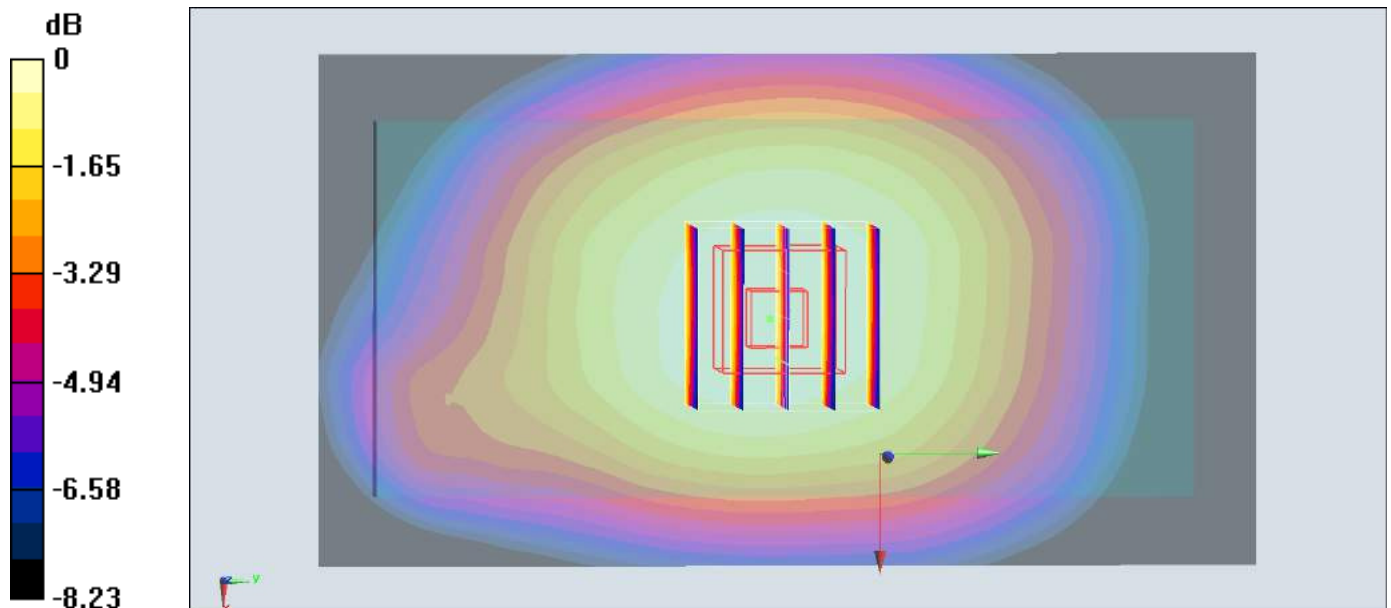
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.44 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.809 W/kg

**SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.437 W/kg**

Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.679 W/kg = -1.68 dBW/kg

## #29\_GSM1900\_GPRS (4 Tx slots)\_Back\_15mm\_Ch512

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

Medium: MSL\_1900\_151117 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 51.719$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- 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) = 0.521 W/kg

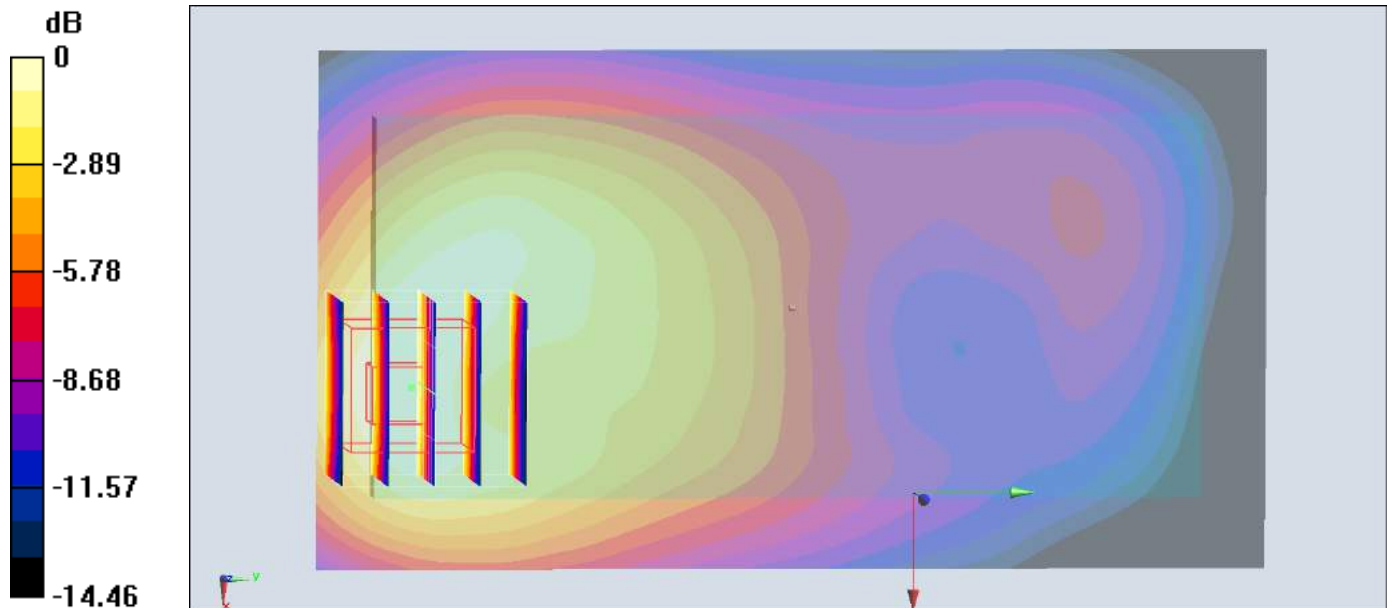
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.24 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.630 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

### #30\_WCDMA II\_RMC 12.2Kbps\_Back\_15mm\_Ch9400

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

Medium: MSL\_1900\_151126 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.524 \text{ S/m}$ ;  $\epsilon_r = 55.399$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22 \text{ }^\circ\text{C}$

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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9400/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.954 \text{ W/kg}$

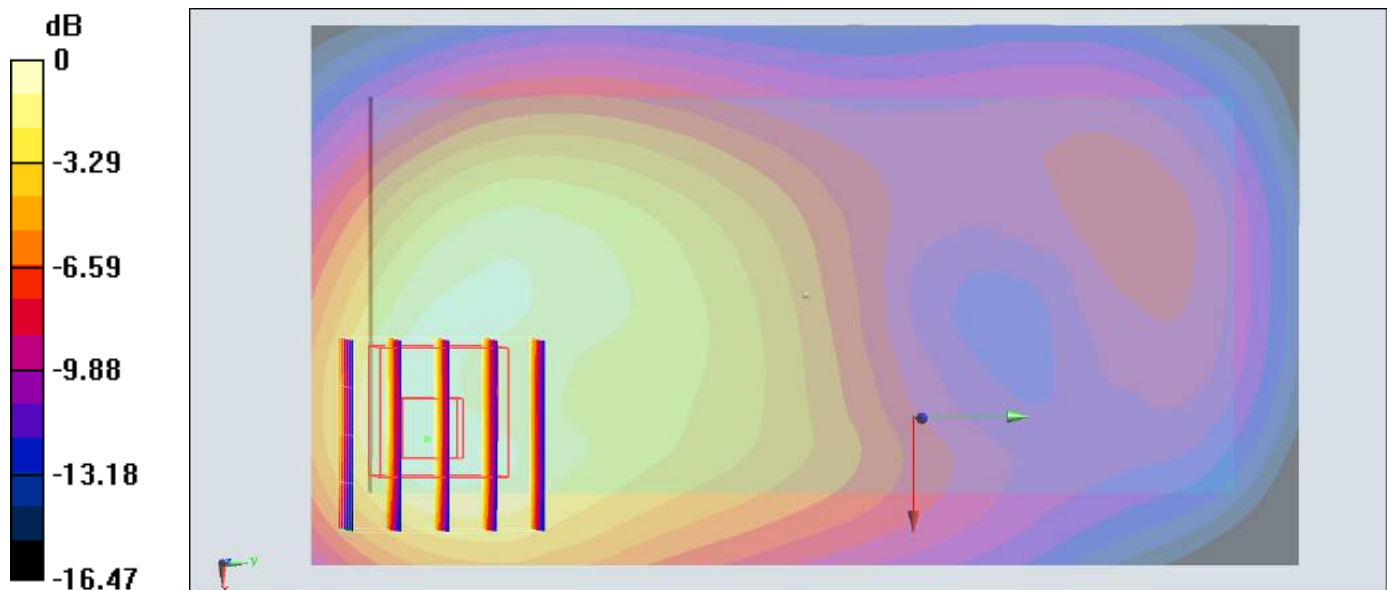
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.79 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $1.14 \text{ W/kg}$

**SAR(1 g) =  $0.690 \text{ W/kg}$ ; SAR(10 g) =  $0.410 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.988 \text{ W/kg}$



0 dB =  $0.988 \text{ W/kg}$  =  $-0.05 \text{ dBW/kg}$

### #31\_WCDMA IV\_RMC 12.2Kbps\_Back\_15mm\_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_151126 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.468$  S/m;  $\epsilon_r = 55.544$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23 °C ; Liquid Temperature : 22 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.19, 8.19, 8.19); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1413/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.909 W/kg

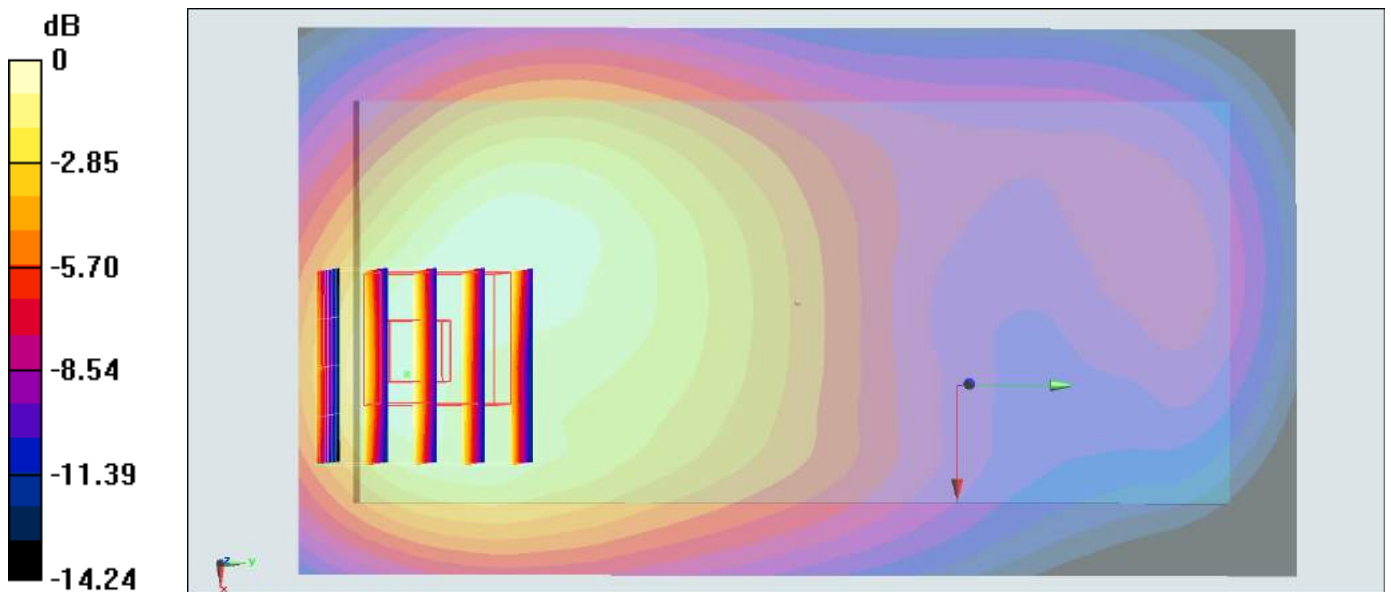
**Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.43 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.415 W/kg**

Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.904 W/kg = -0.44 dBW/kg

### #32\_WCDMA V\_RMC 12.2Kbps\_Back\_15mm\_Ch4233

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

Medium: MSL\_850\_151118 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 56.444$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.686 W/kg

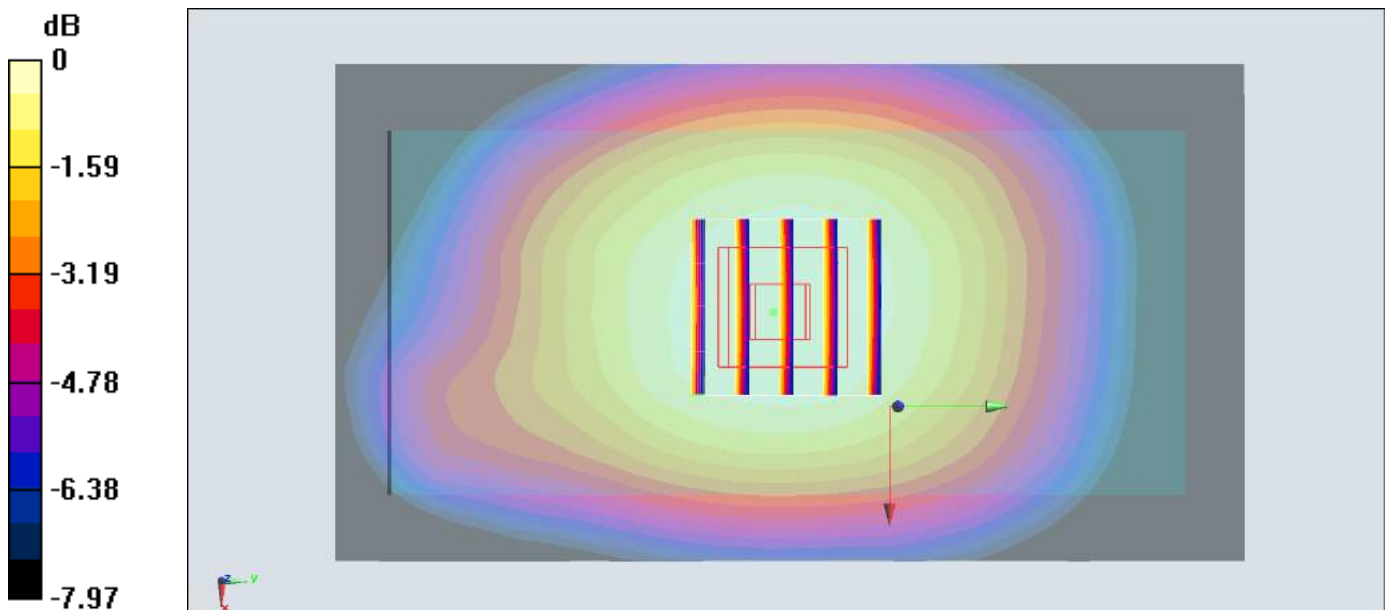
**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.85 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.440 W/kg**

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg



### #33\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch18900

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

Medium: MSL\_1900\_151202 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.551$  S/m;  $\epsilon_r = 54.793$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch18900/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.916 W/kg

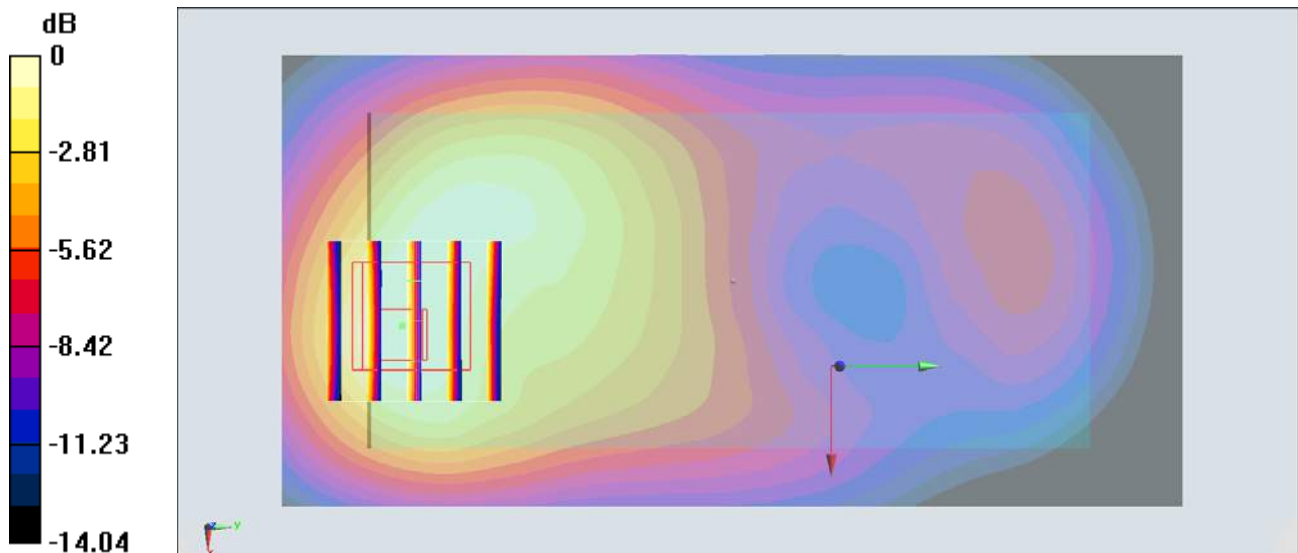
**Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.28 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.418 W/kg**

Maximum value of SAR (measured) = 0.911 W/kg



0 dB = 0.911 W/kg = -0.40 dBW/kg

### #34\_LTE Band 4\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch20175

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

Medium: MSL\_1750\_151203 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.461$  S/m;  $\epsilon_r = 54.382$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.19, 8.19, 8.19); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20175/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.767 W/kg

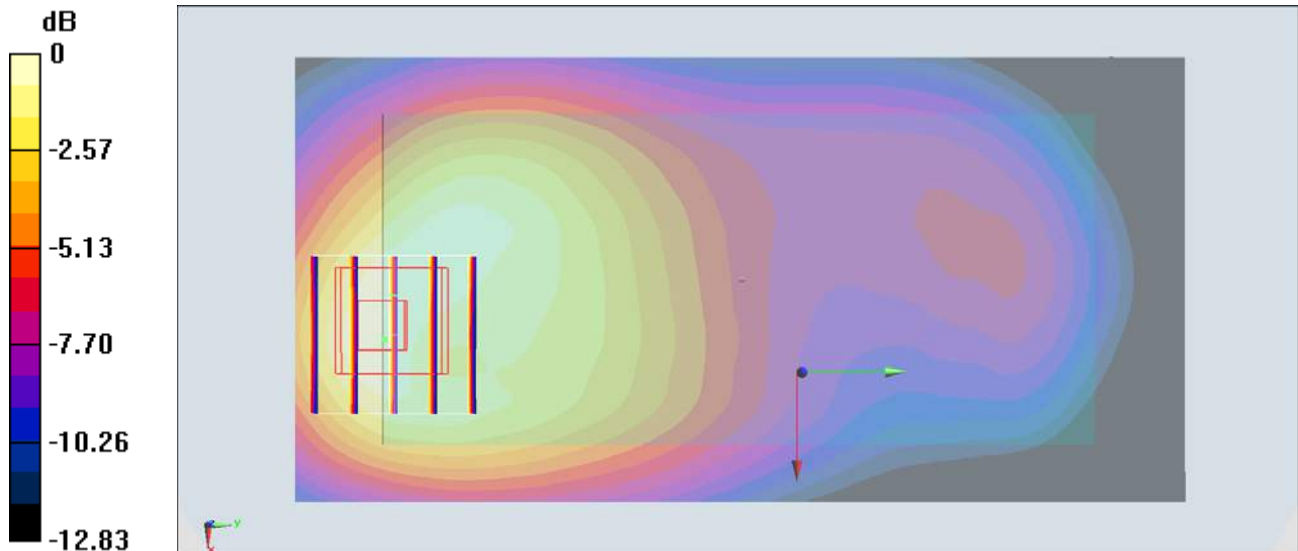
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.13 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.833 W/kg

**SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.352 W/kg**

Maximum value of SAR (measured) = 0.734 W/kg



0 dB = 0.734 W/kg = -1.34 dBW/kg

### #35\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_15mm\_Ch20525

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

Medium: MSL\_850\_151118 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 56.552$ ;  $\rho = 1000$  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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20525/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.572 W/kg

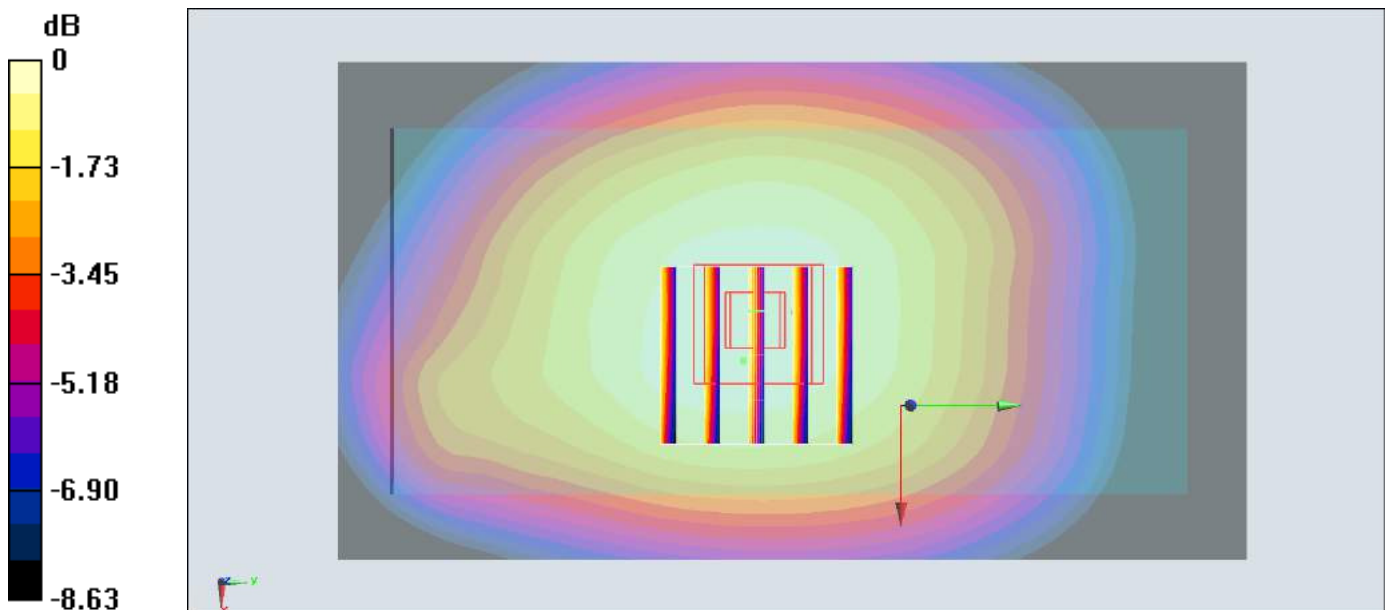
**Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.38 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.691 W/kg

**SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.379 W/kg**

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

### #36\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch21100

Communication System: LTE ; Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: MSL\_2600\_151122 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.013$  S/m;  $\epsilon_r = 53.106$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch21100/Area Scan (71x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.763 W/kg

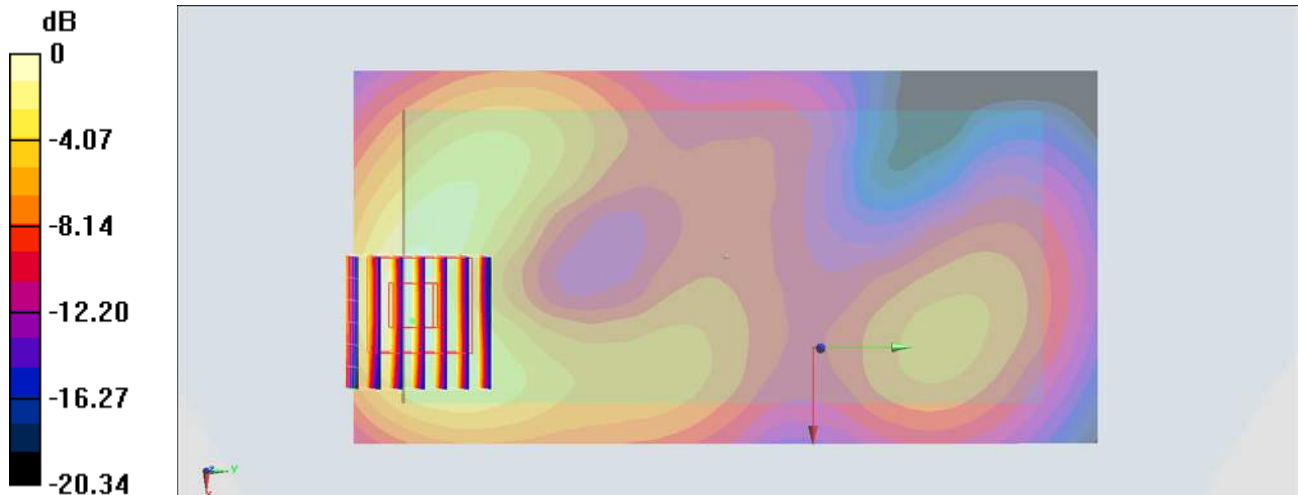
**Configuration/Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.63 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.273 W/kg**

Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.789 W/kg = -1.03 dBW/kg

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

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

Medium: MSL750\_151121 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.937$  S/m;  $\epsilon_r = 54.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23095/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

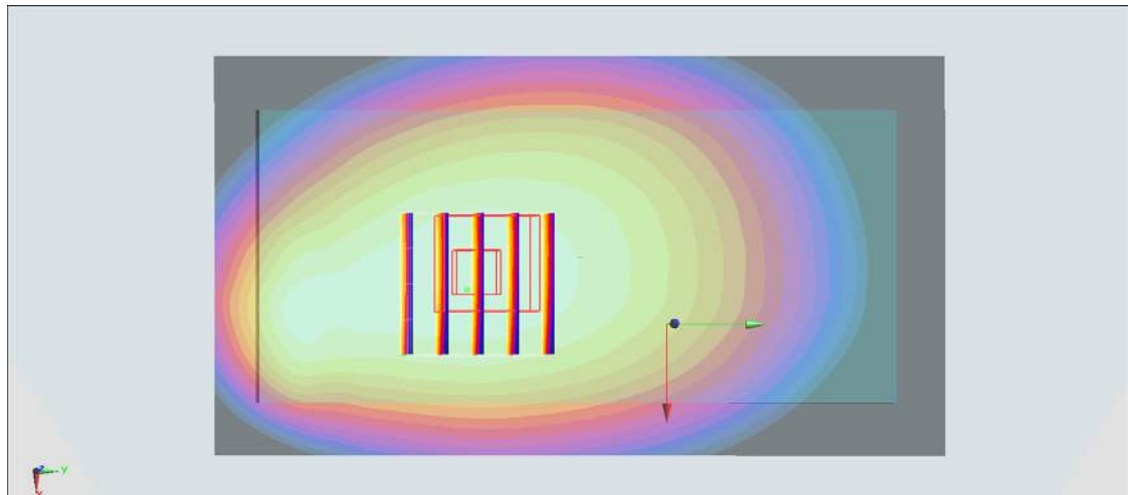
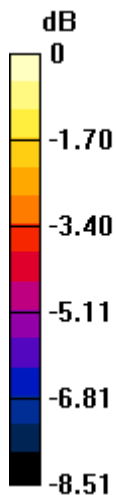
**Configuration/Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.12 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

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

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

Medium: MSL750\_151121 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.008 \text{ S/m}$ ;  $\epsilon_r = 53.895$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23230/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.561 \text{ W/kg}$

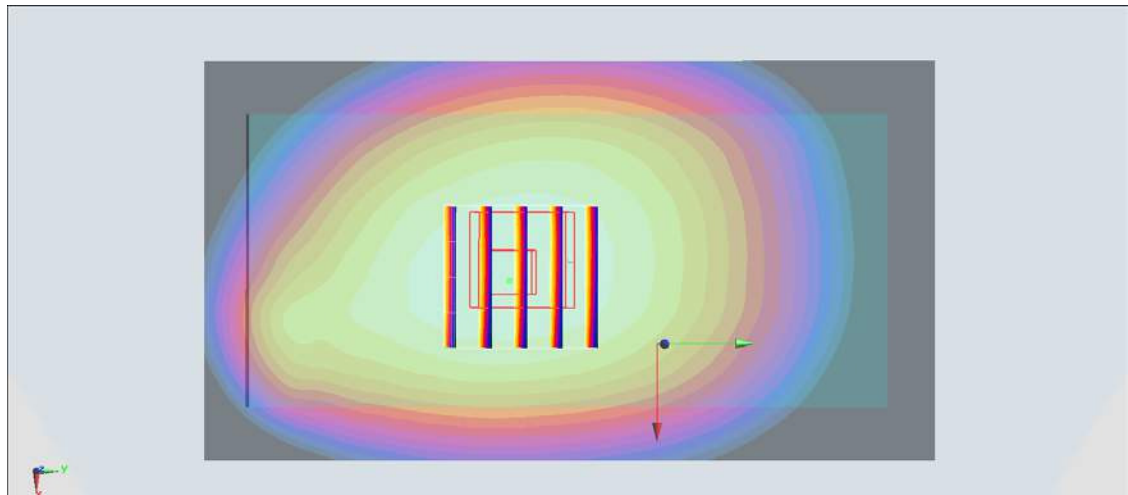
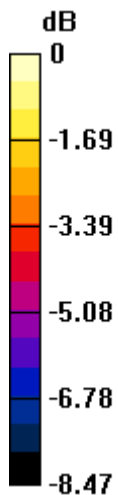
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.17 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.662 \text{ W/kg}$

**SAR(1 g) =  $0.476 \text{ W/kg}$ ; SAR(10 g) =  $0.361 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.563 \text{ W/kg}$



0 dB =  $0.563 \text{ W/kg} = -2.49 \text{ dBW/kg}$

### #39\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2450\_151121 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.957 \text{ S/m}$ ;  $\epsilon_r = 51.327$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch6/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.114 \text{ W/kg}$

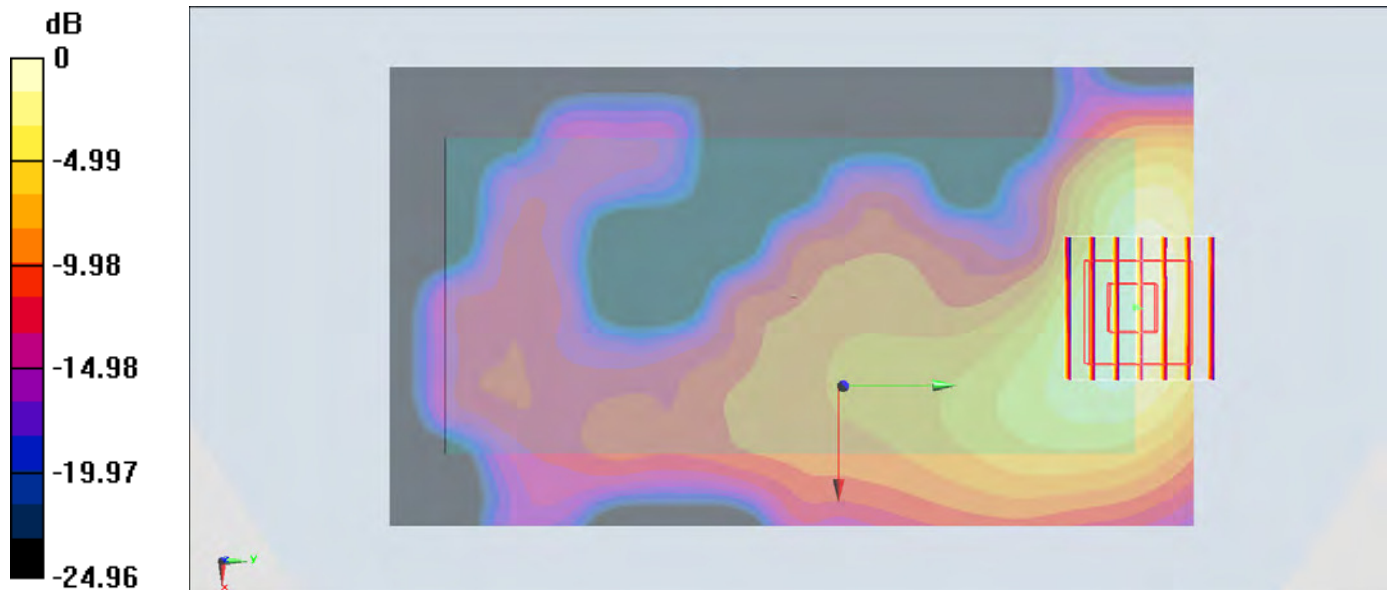
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.761 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.156 \text{ W/kg}$

**SAR(1 g) =  $0.082 \text{ W/kg}$ ; SAR(10 g) =  $0.043 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.116 \text{ W/kg}$



0 dB =  $0.116 \text{ W/kg}$  =  $-9.36 \text{ dBW/kg}$

### #40\_WLAN5GHz\_802.11a\_6Mbps\_Back\_15mm\_Ch56

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_151121 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.567$  S/m;  $\epsilon_r = 46.865$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch56/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.217 W/kg

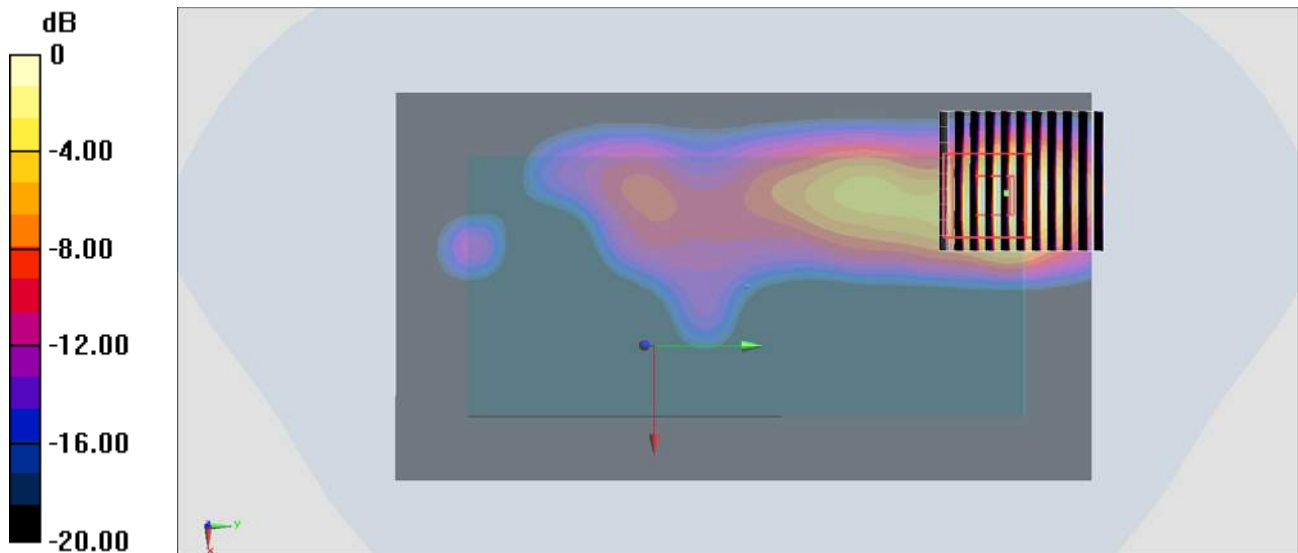
**Configuration/Ch56/Zoom Scan (10x11x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.944 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg



### #41\_WLAN5GHz\_802.11a 6Mbps\_Back\_15mm\_Ch140

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_151121 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.117$  S/m;  $\epsilon_r = 46.102$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- 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) = 0.177 W/kg

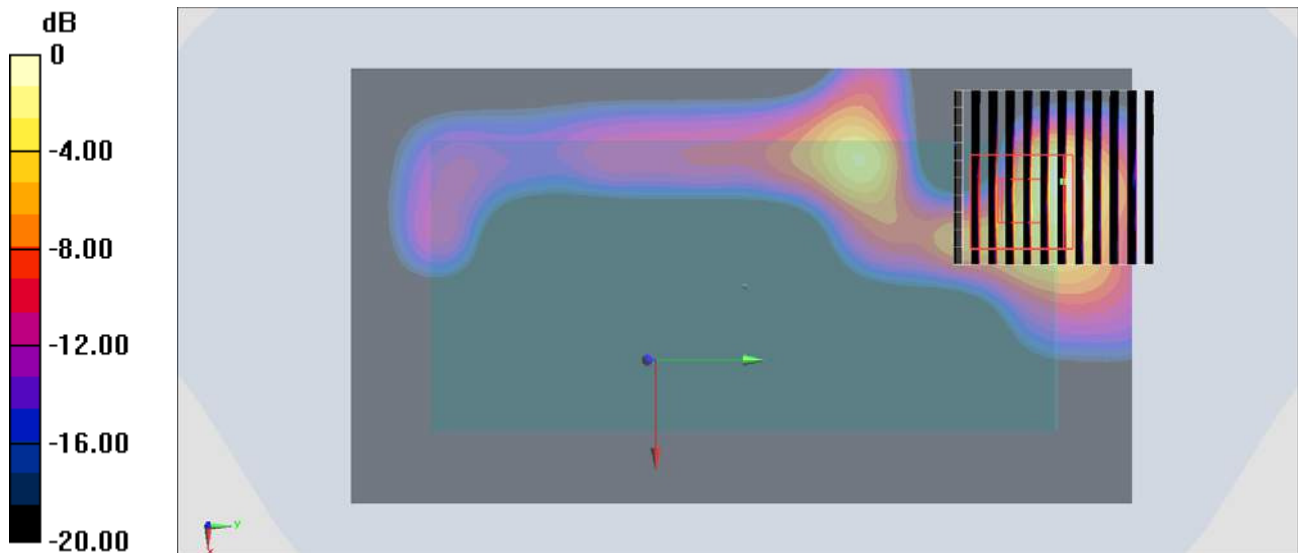
**Configuration/Ch140/Zoom Scan (11x12x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.541 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.369 W/kg

**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

## #42\_WLAN5GHz\_802.11a 6Mbps\_Back\_15mm\_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_151121 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 45.968$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch157/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

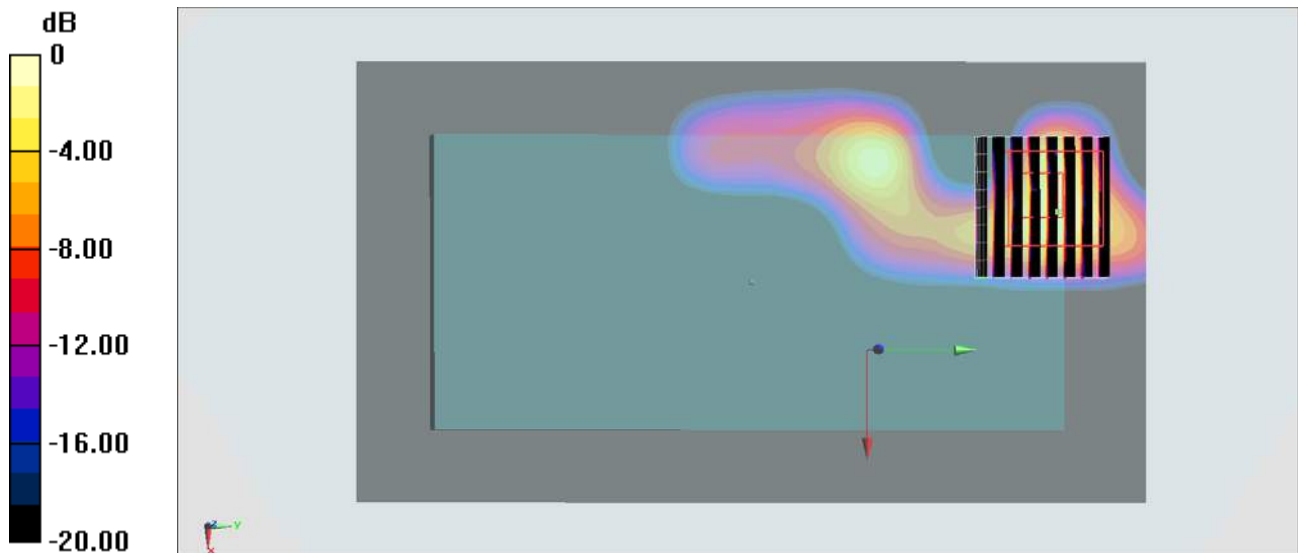
**Configuration/Ch157/Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.728 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.014 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg



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