

### #01\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9400

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

Medium: HSL\_1900\_160324 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.925 mW/g

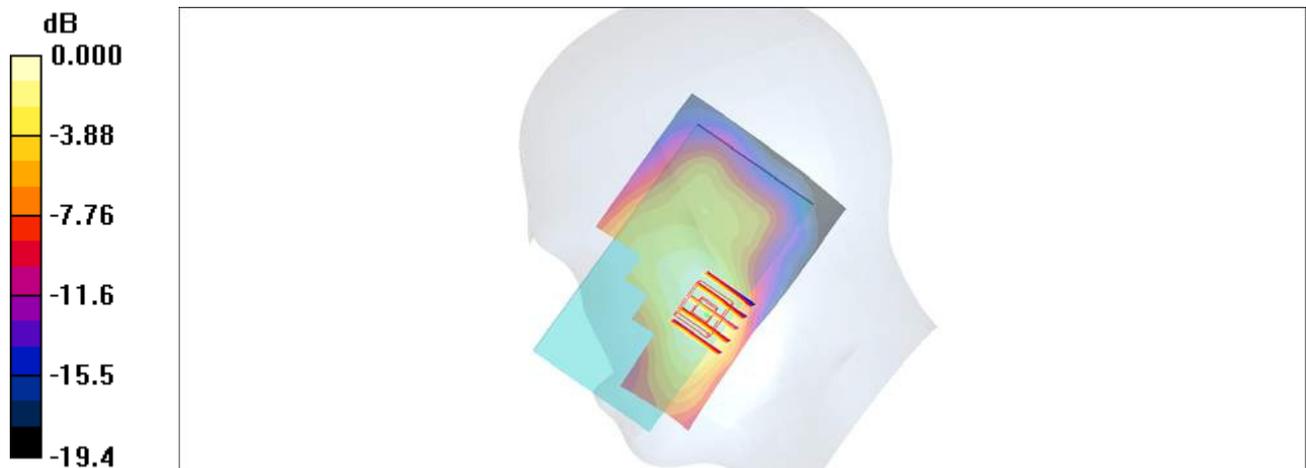
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.2 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.885 mW/g



0 dB = 0.885mW/g

### #02\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4182

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

Medium: HSL\_850\_160323 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.877$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 0.313 mW/g

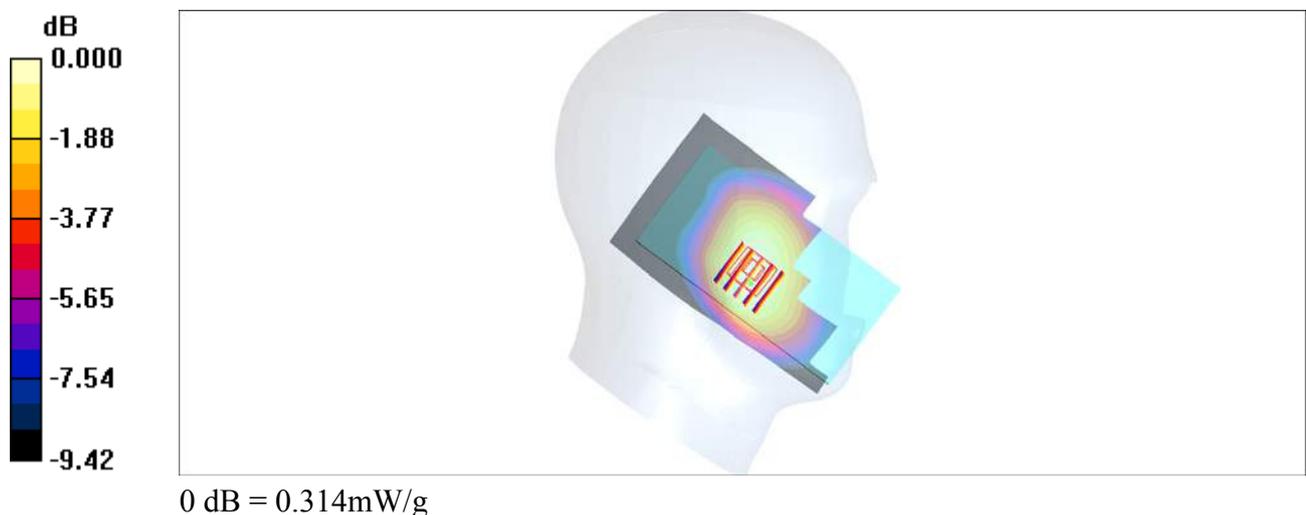
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.207 mW/g**

Maximum value of SAR (measured) = 0.314 mW/g



### #03\_CDMA2000 BC0\_1xRTT RC3 SO55\_Left Cheek\_Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_160323 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.878$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch384/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.407 mW/g

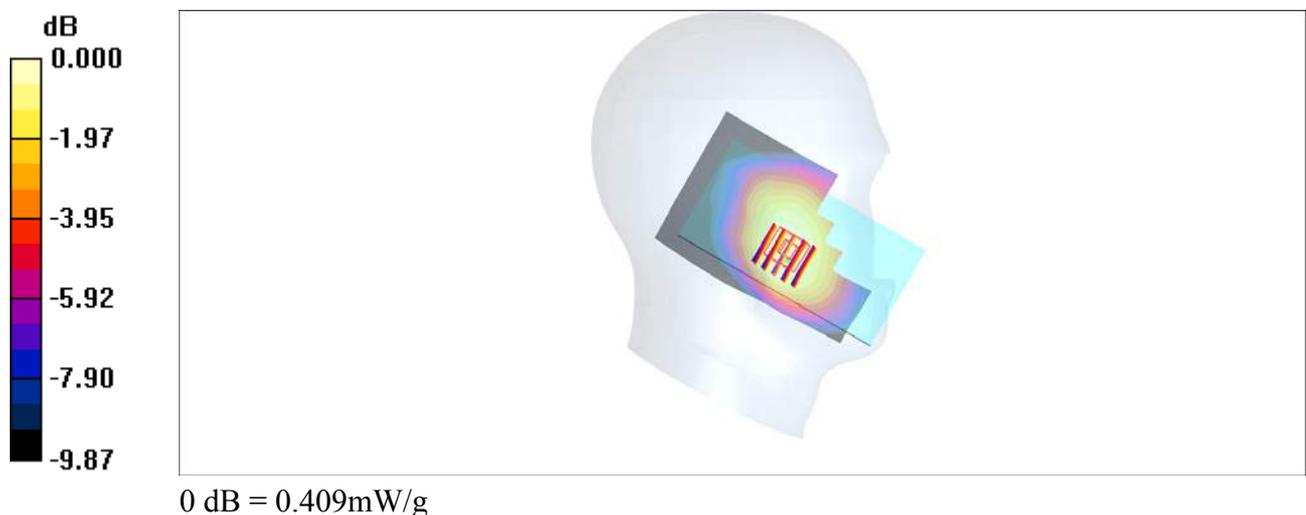
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.259 mW/g**

Maximum value of SAR (measured) = 0.409 mW/g



### #04\_CDMA2000 BC1\_1xRTT RC3 SO55\_Left Cheek\_Ch600

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

Medium: HSL\_1900\_160324 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch600/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 mW/g

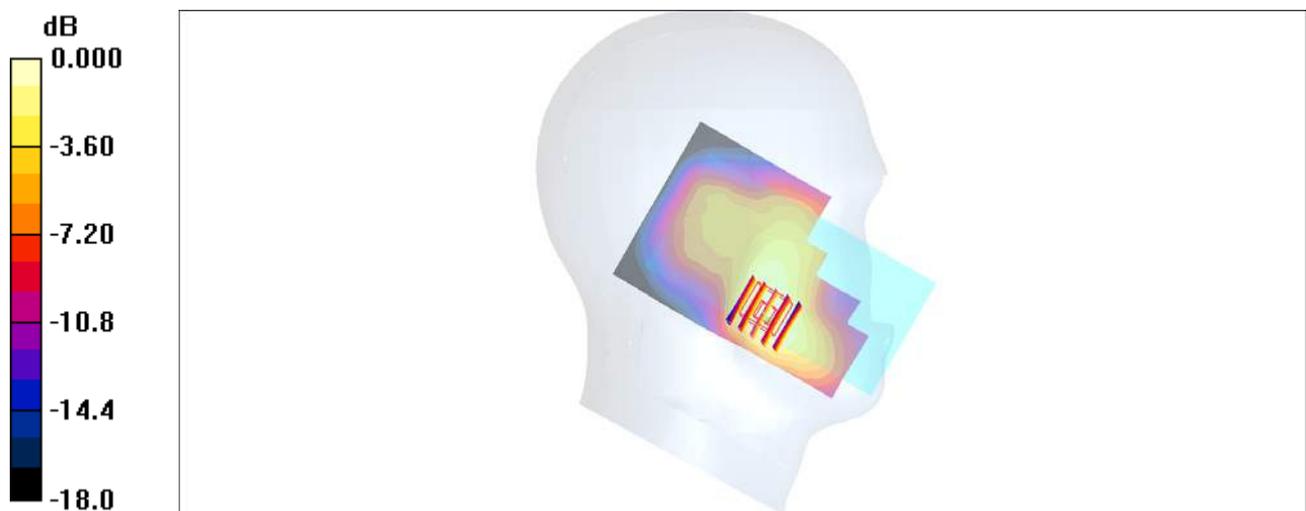
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.641 mW/g**

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33mW/g

### #05\_CDMA2000 BC10\_1xRTT RC3 SO55\_Left Cheek\_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_160323 Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.863$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch580/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.375 mW/g

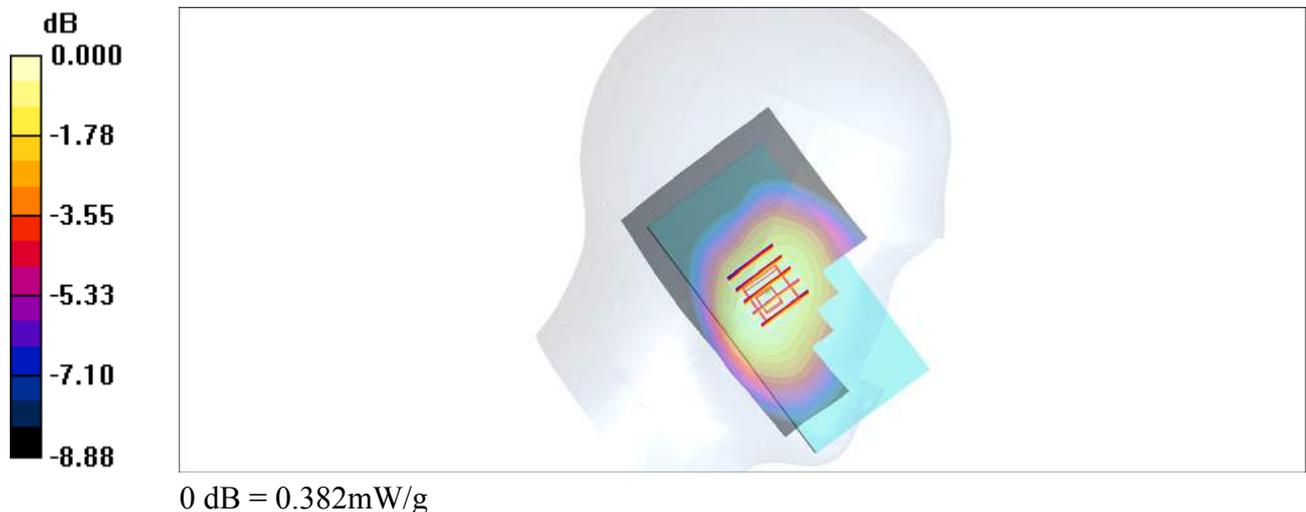
**Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.409 W/kg

**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.256 mW/g**

Maximum value of SAR (measured) = 0.382 mW/g



### #06\_LTE Band 13\_10M\_QPSK\_1\_25\_Right Cheek\_Ch23230

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

Medium: HSL\_750\_160322 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.933 \text{ mho/m}$ ;  $\epsilon_r = 42.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.5, 6.5, 6.5); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch23230/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.437 \text{ mW/g}$

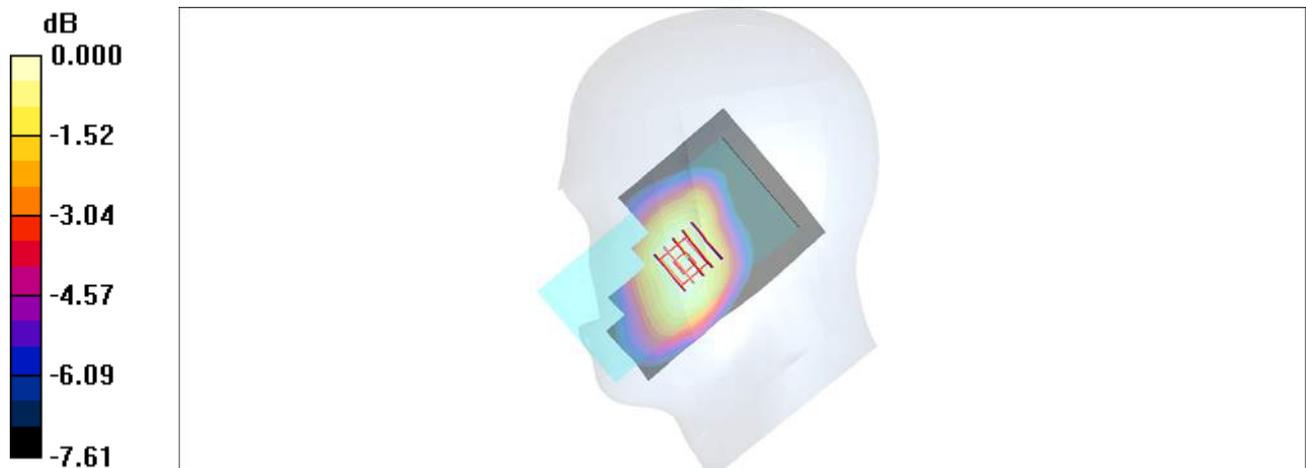
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.4 \text{ V/m}$ ; Power Drift =  $-0.059 \text{ dB}$

Peak SAR (extrapolated) =  $0.499 \text{ W/kg}$

**SAR(1 g) =  $0.360 \text{ mW/g}$ ; SAR(10 g) =  $0.283 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.426 \text{ mW/g}$



0 dB =  $0.426\text{mW/g}$

### #07\_LTE Band 25\_20M\_QPSK\_1\_49\_Right Cheek\_Ch26140

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

Medium: HSL\_1900\_160324 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch26140/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.918 mW/g

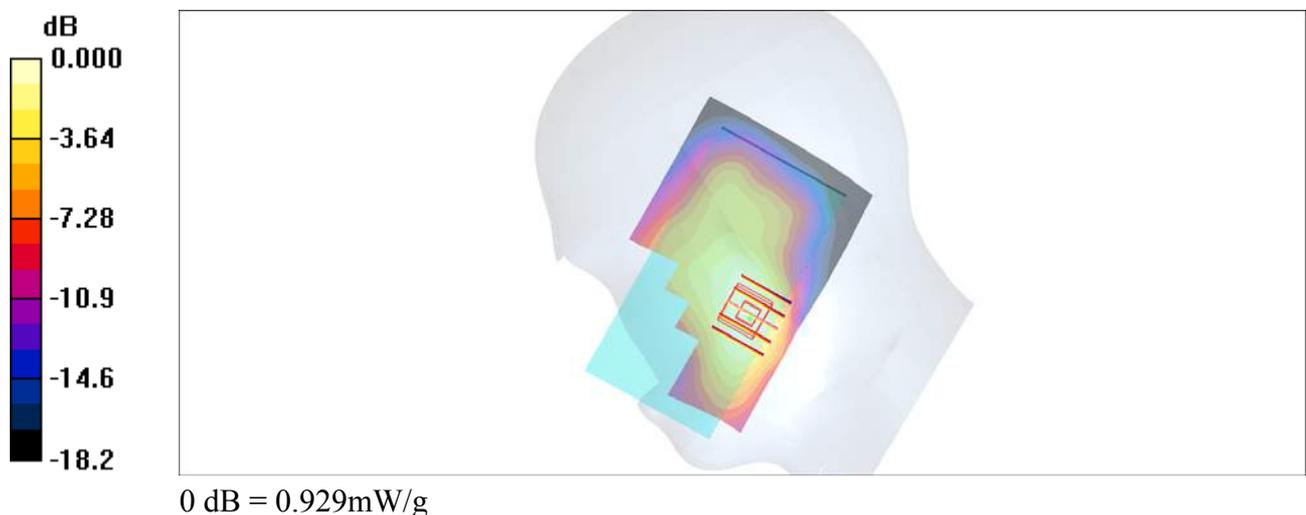
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 0.929 mW/g



### #08\_LTE Band 26\_15M\_QPSK\_1\_37\_Left Cheek\_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_160323 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.873$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch26865/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.367 mW/g

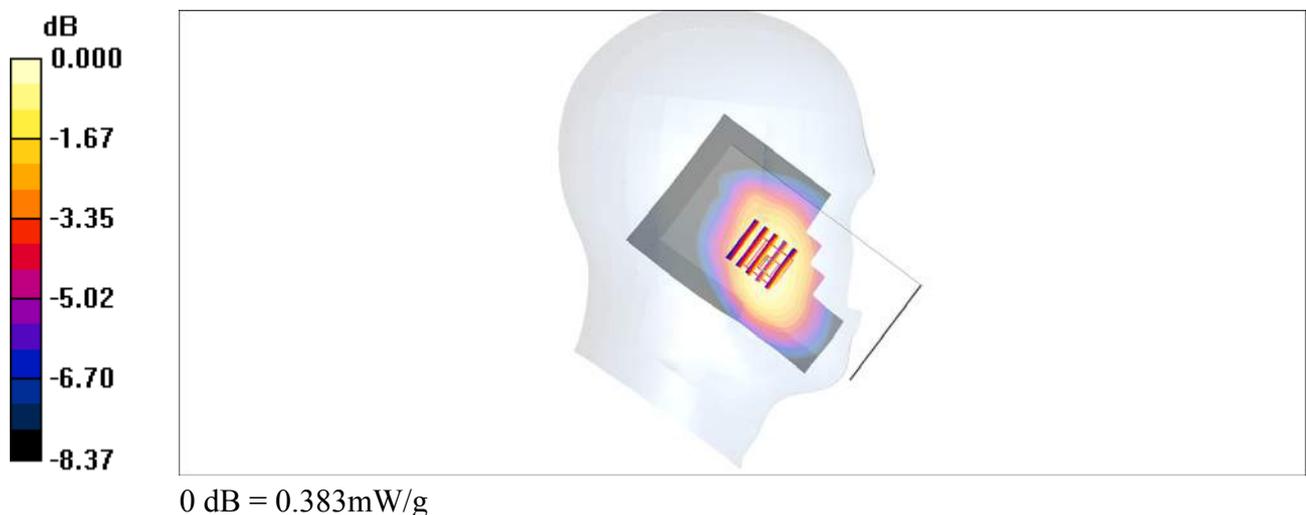
**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



### #09\_LTE Band 41\_20M\_QPSK\_1\_0\_Left Cheek\_Ch41490

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_160325 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 37.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch41490/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.261 mW/g

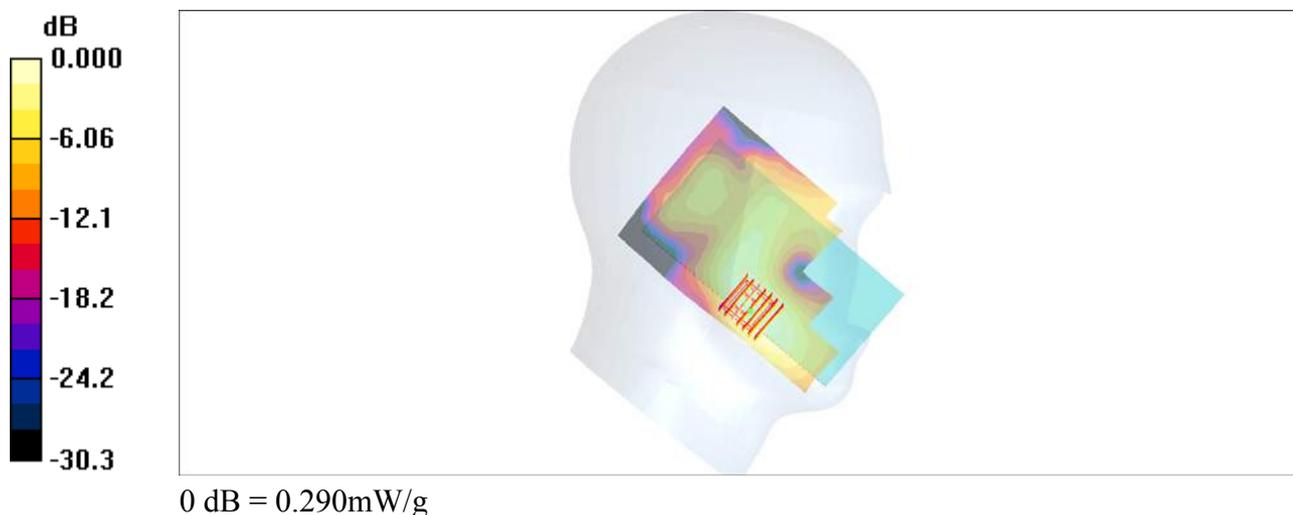
**Ch41490/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.46 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.101 mW/g**

Maximum value of SAR (measured) = 0.290 mW/g



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

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

Medium: MSL\_1900\_160409 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.468$  S/m;  $\epsilon_r = 55.07$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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: QD000P40CD; Serial: S/N:1801

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.995 W/kg

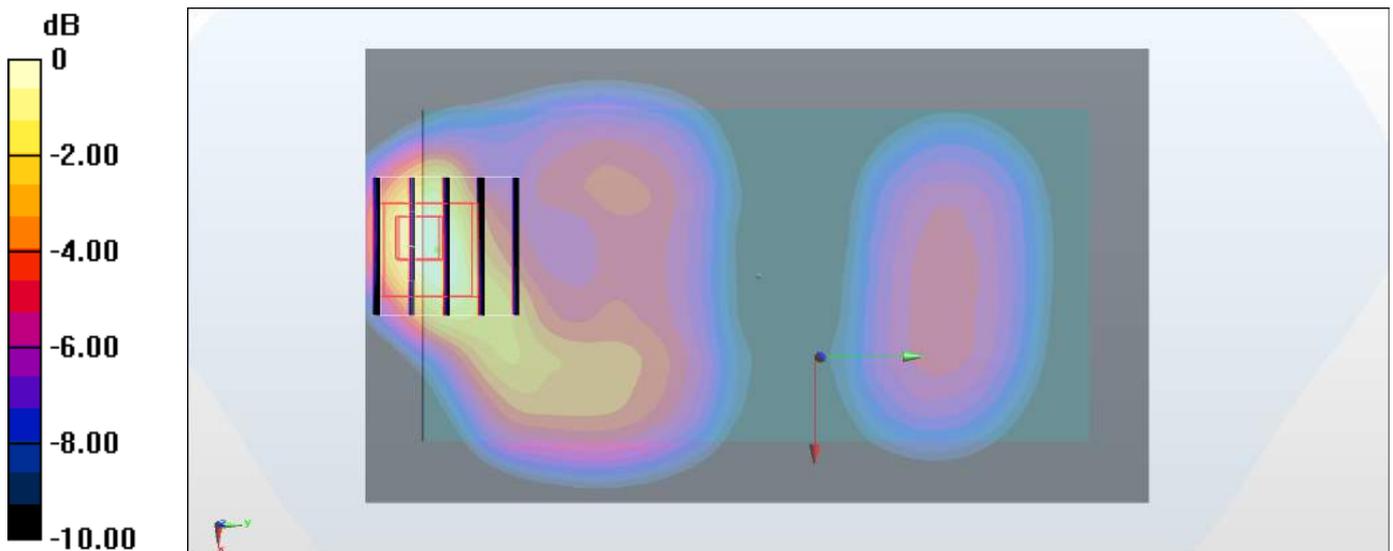
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.75 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.342 W/kg**

Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 0.956 W/kg = -0.20 dBW/kg

## #11\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4182

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

Medium: MSL\_850\_160320 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.98$  S/m;  $\epsilon_r = 57.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.627 W/kg

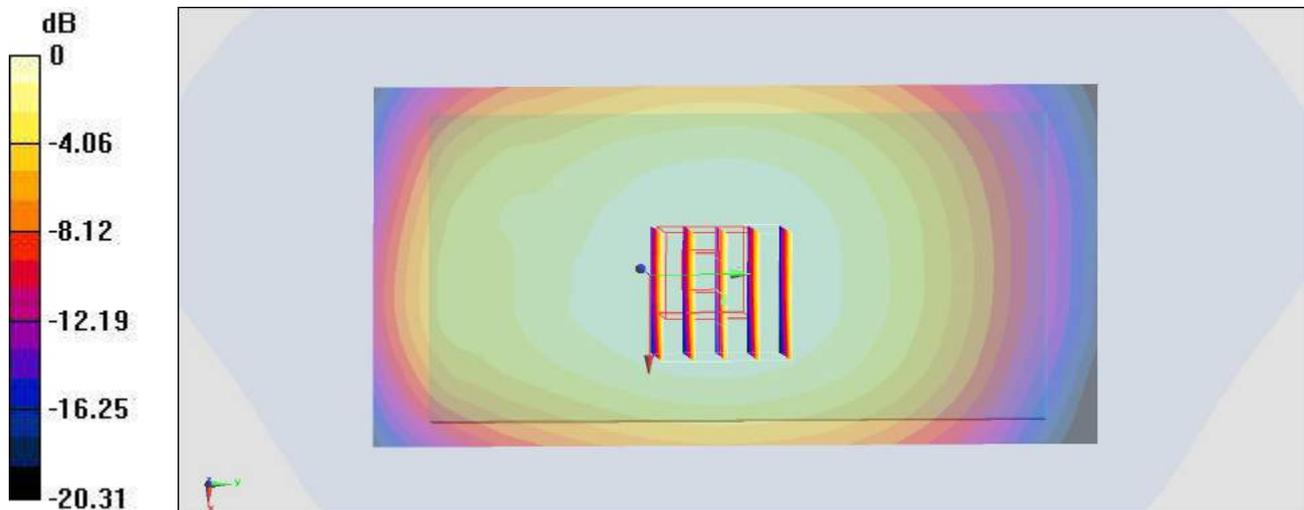
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.32 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.678 W/kg

**SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.404 W/kg**

Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.627 W/kg = -2.03 dBW/kg

## #12\_CDMA2000 BC0\_RTAP 153.6Kbps\_Back\_10mm\_Ch384

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160320 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.98 \text{ S/m}$ ;  $\epsilon_r = 57.706$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch384/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.590 \text{ W/kg}$

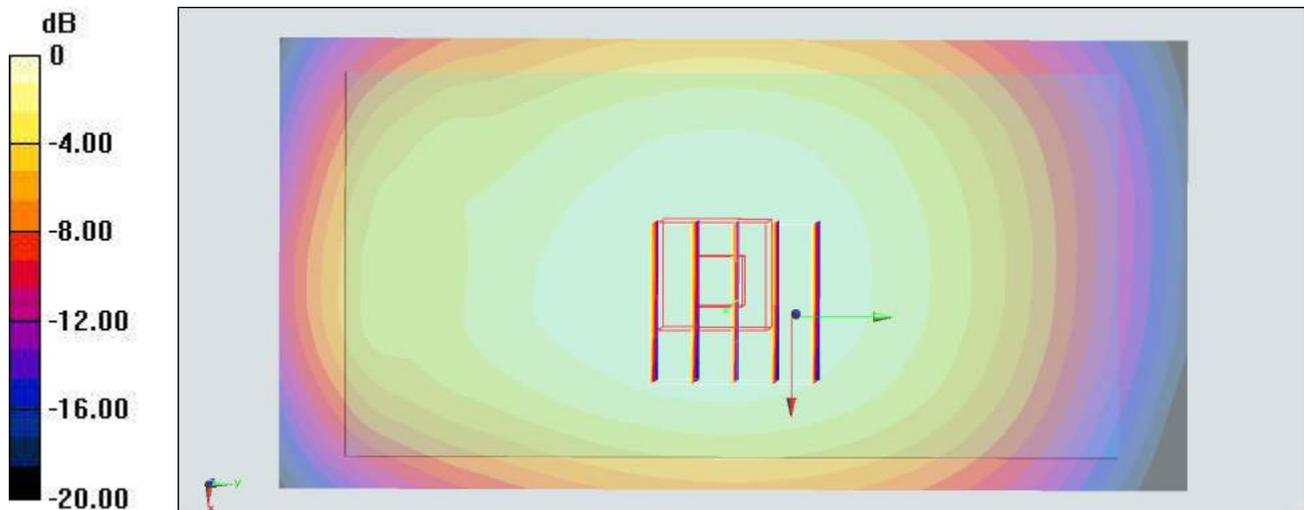
**Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.95 \text{ V/m}$ ; Power Drift =  $-0.17 \text{ dB}$

Peak SAR (extrapolated) =  $0.632 \text{ W/kg}$

**SAR(1 g) =  $0.477 \text{ W/kg}$ ; SAR(10 g) =  $0.371 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.575 \text{ W/kg}$



0 dB =  $0.590 \text{ W/kg} = -2.29 \text{ dBW/kg}$

### #13\_CDMA2000 BC1\_RTAP 153.6Kbps\_Back\_10mm\_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_160409 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.535$  S/m;  $\epsilon_r = 54.919$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1175/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.29 W/kg

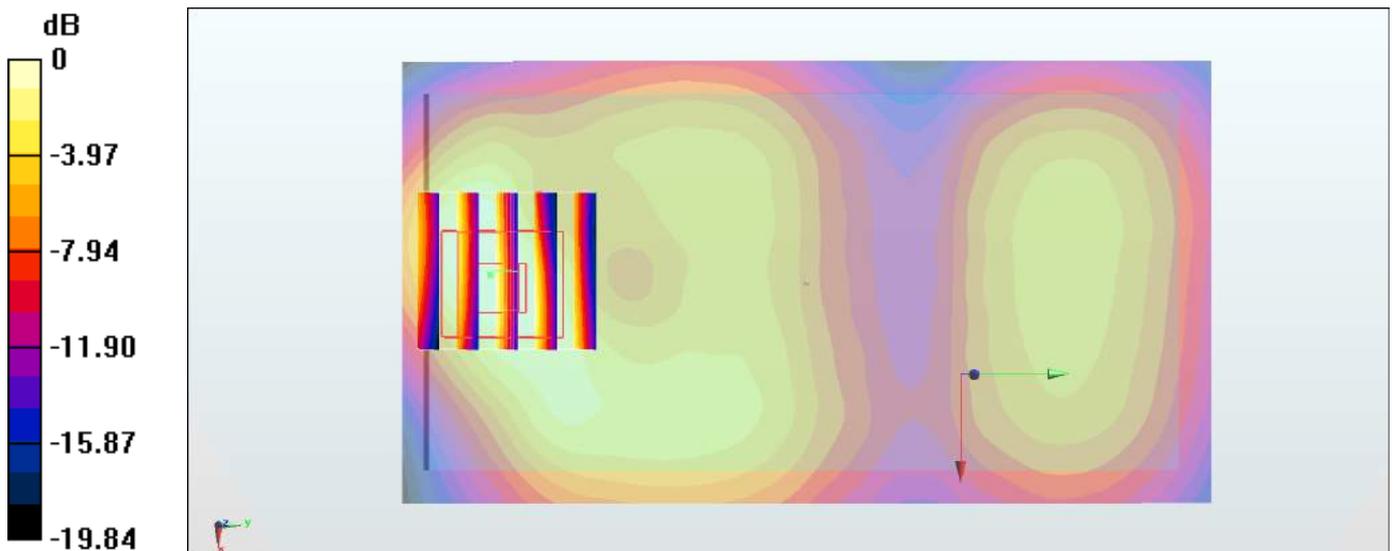
**Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.91 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.406 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

### #14\_CDMA2000 BC10\_RTAP 153.6Kbps\_Back\_10mm\_Ch580

Communication System: CDMA; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160320 Medium parameters used :  $f = 820.5$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 57.858$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch580/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.593 W/kg

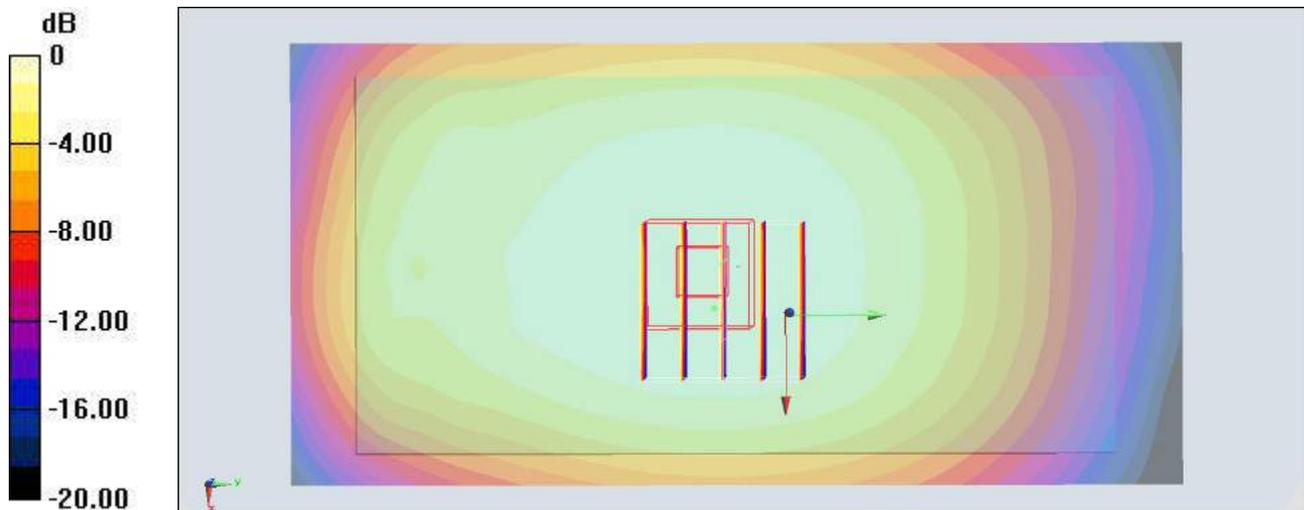
**Configuration/Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.27 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.633 W/kg

**SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.380 W/kg**

Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.593 W/kg = -2.27 dBW/kg

### #15\_LTE Band 13\_10M\_QPSK\_1\_25\_Back\_10mm\_Ch23230

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

Medium: MSL\_750\_160320 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.007 \text{ S/m}$ ;  $\epsilon_r = 56.362$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.36, 10.36, 10.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23230/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.846 \text{ W/kg}$

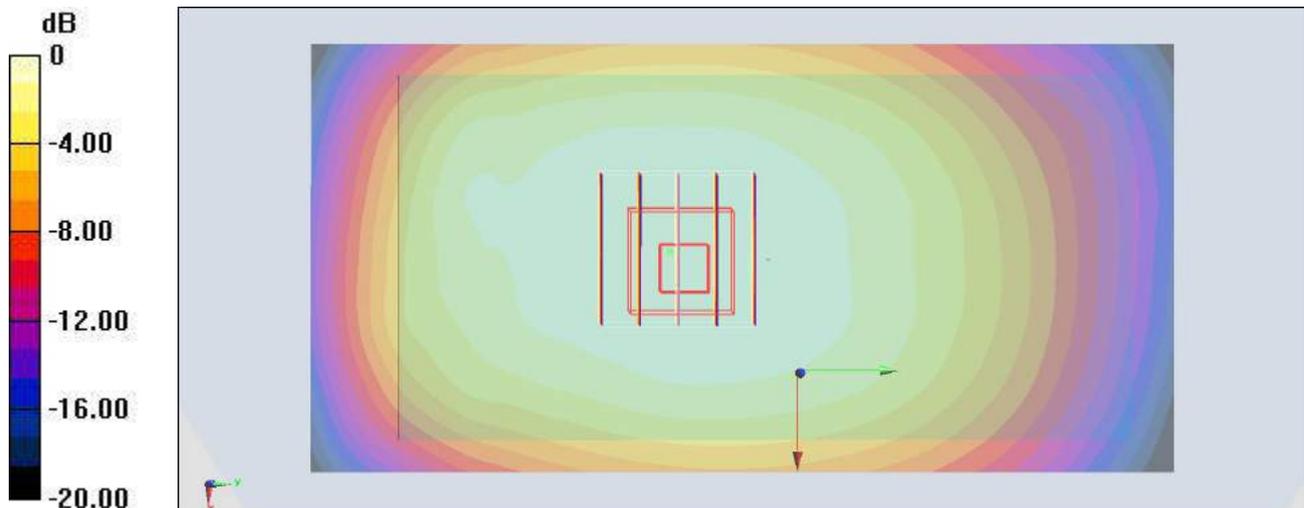
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.24 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.915 \text{ W/kg}$

**SAR(1 g) =  $0.711 \text{ W/kg}$ ; SAR(10 g) =  $0.561 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.843 \text{ W/kg}$



0 dB =  $0.846 \text{ W/kg} = -0.73 \text{ dBW/kg}$

## #16\_LTE Band 25\_20M\_QPSK\_50\_0\_Back\_10mm\_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_160409 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 54.932$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch26590/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

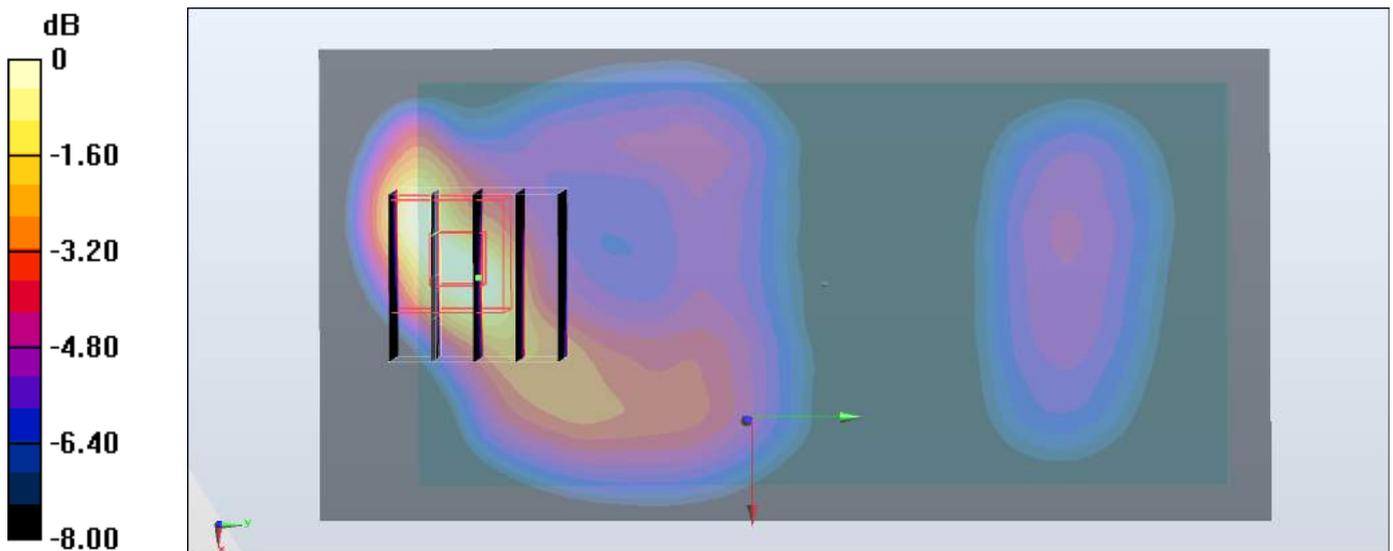
**Configuration/Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.05 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.441 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

### #17\_LTE Band 26\_15M\_QPSK\_1\_37\_Back\_10mm\_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160320 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 57.758$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch26865/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

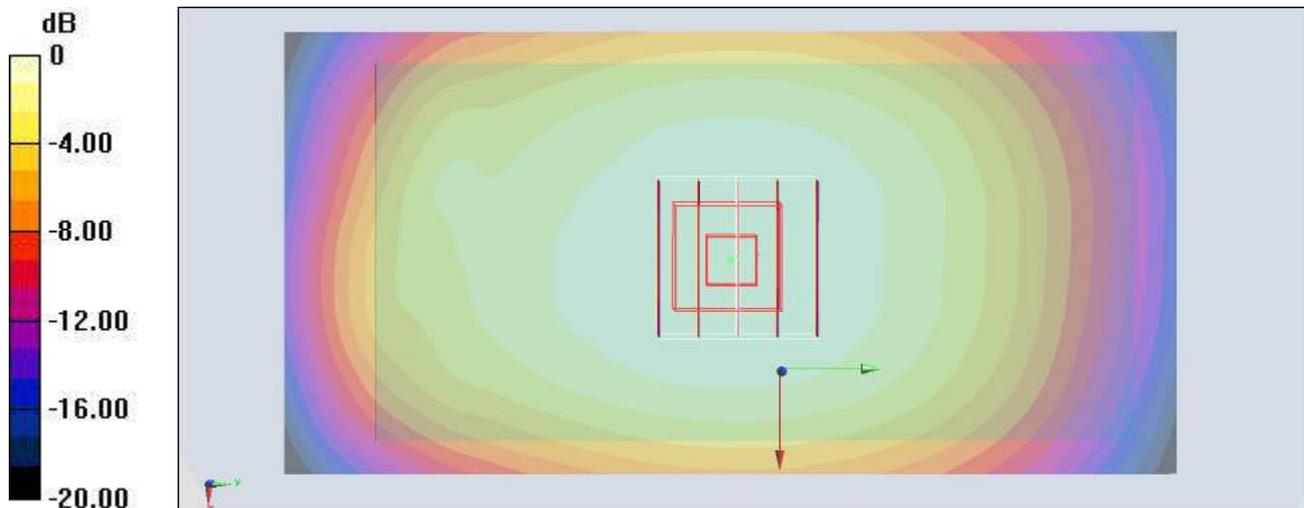
**Configuration/Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.59 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

### #18\_LTE Band 41\_20M\_QPSK\_1\_49\_Back\_10mm\_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_160326 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39750/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

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

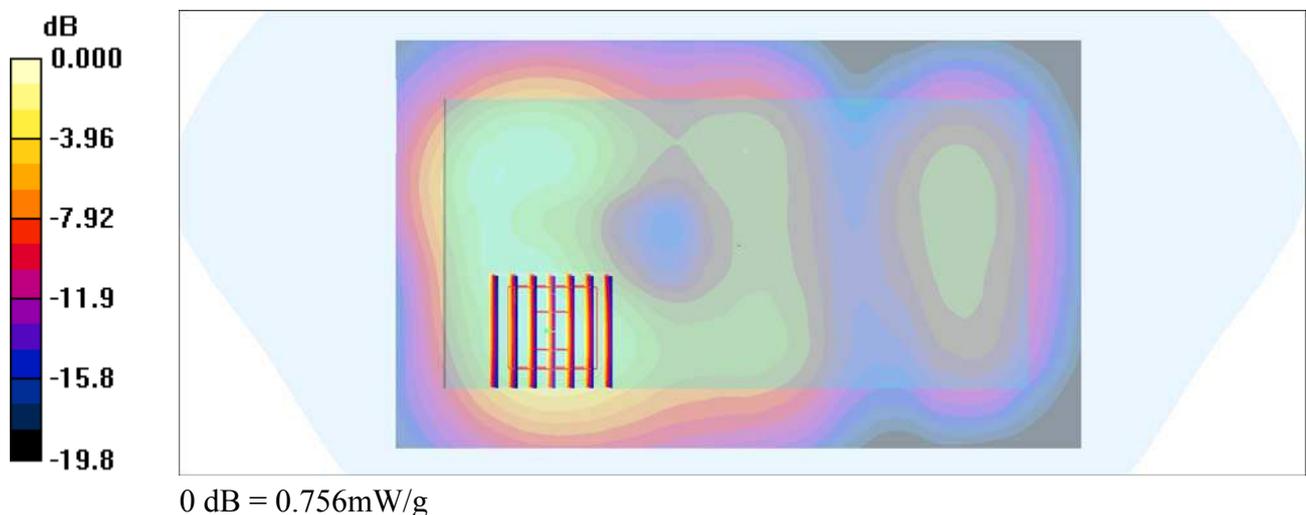
**Ch39750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 0.756 mW/g



### #19\_CDMA2000 BC1\_RTAP 153.6Kbps\_Bottom Side\_0mm\_Ch1175

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_160329 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch1175/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 6.99 mW/g

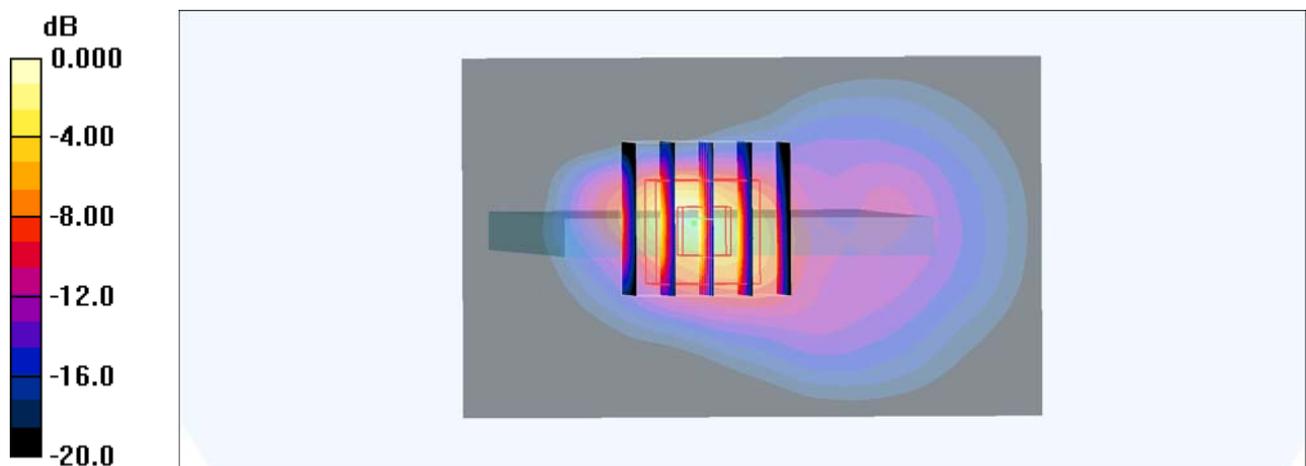
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.9 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 14.7 W/kg

**SAR(1 g) = 6.48 mW/g; SAR(10 g) = 2.48mW/g**

Maximum value of SAR (measured) = 8.84 mW/g



0 dB = 8.84mW/g

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

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_160409 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.468$  S/m;  $\epsilon_r = 55.07$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.995 W/kg

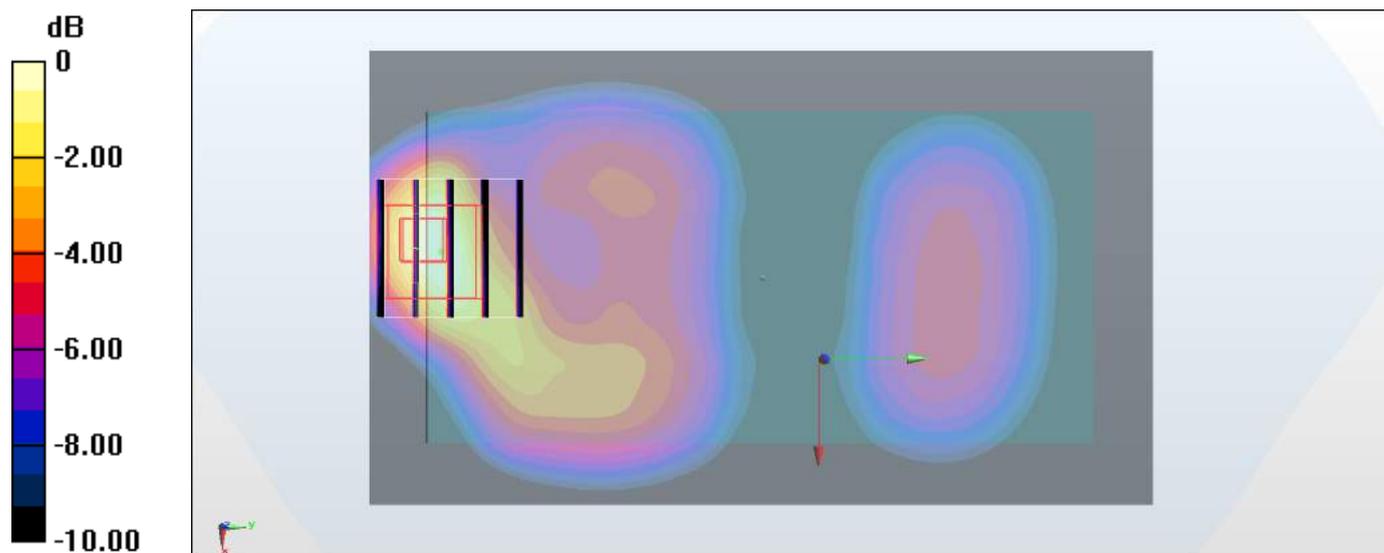
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.75 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.342 W/kg**

Maximum value of SAR (measured) = 0.956 W/kg



## #21\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4182

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

Medium: MSL\_850\_160320 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.98 \text{ S/m}$ ;  $\epsilon_r = 57.71$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.1 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.1 \text{ }^\circ\text{C}$

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4182/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.627 \text{ W/kg}$

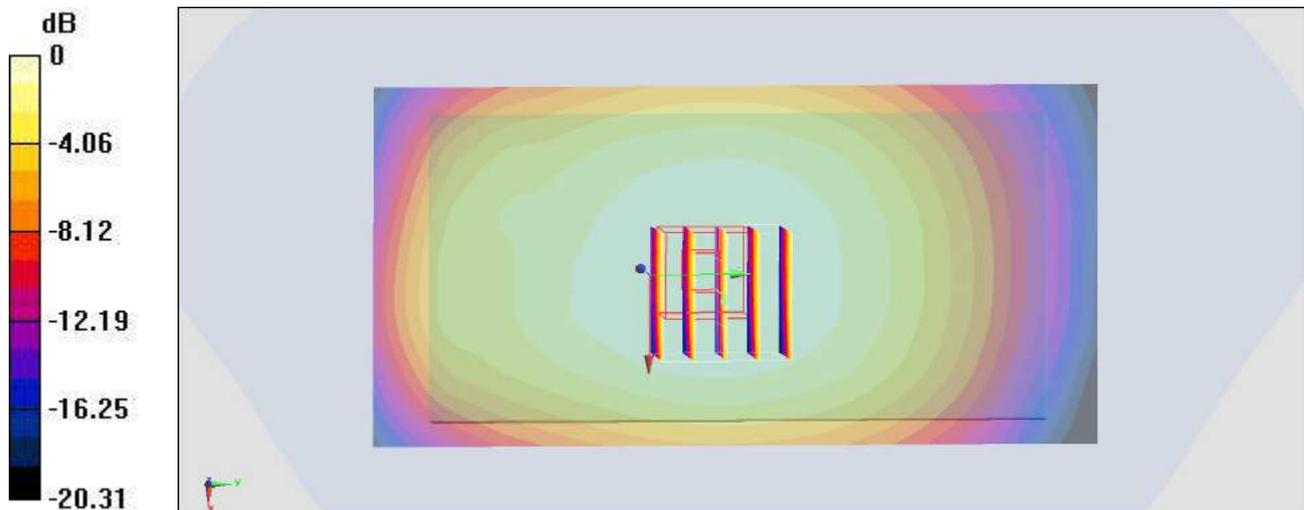
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.32 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.678 \text{ W/kg}$

**SAR(1 g) =  $0.517 \text{ W/kg}$ ; SAR(10 g) =  $0.404 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.618 \text{ W/kg}$



$0 \text{ dB} = 0.627 \text{ W/kg} = -2.03 \text{ dBW/kg}$

## #22 CDMA2000 BC0 1xRTT RC3 SO32 Back 10mm Ch384

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_160408 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 57.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

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

**Configuration/Ch384/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.502 W/kg

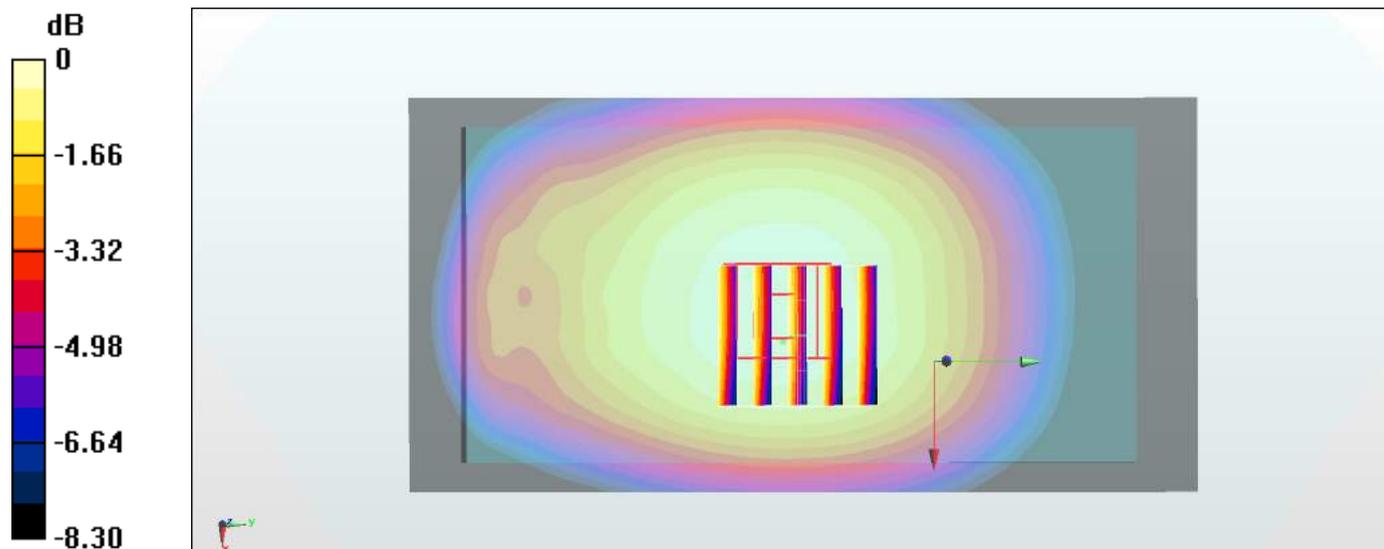
**Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.38 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.563 W/kg

**SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.332 W/kg**

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



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

**#23 CDMA2000 BC1 1xRTT RC3 SO32 Back 10mm Ch1175**

Communication System: CDMA ; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900\_160409 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.535$  S/m;  $\epsilon_r = 54.919$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch1175/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

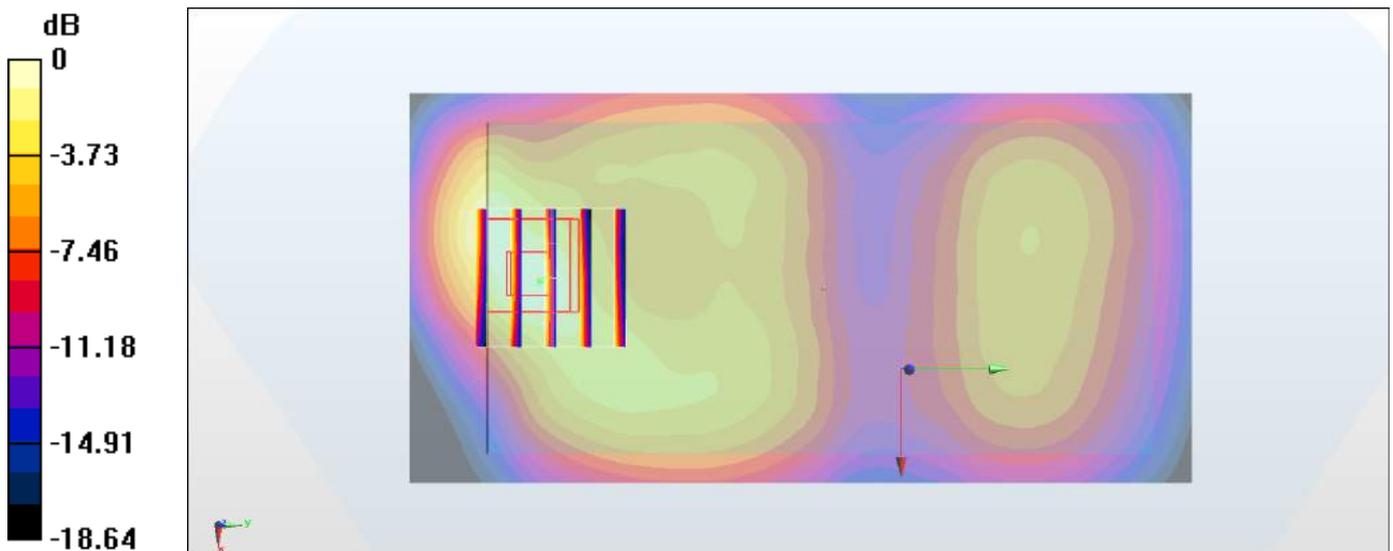
**Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.30 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

**#24 CDMA2000 BC10 1xRTT RC3 SO32 Back 10mm Ch580**

Communication System: CDMA ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160408 Medium parameters used:  $f = 820.5 \text{ MHz}$ ;  $\sigma = 0.974 \text{ S/m}$ ;  $\epsilon_r = 57.211$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration**

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

**Configuration/Ch580/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.492 \text{ W/kg}$

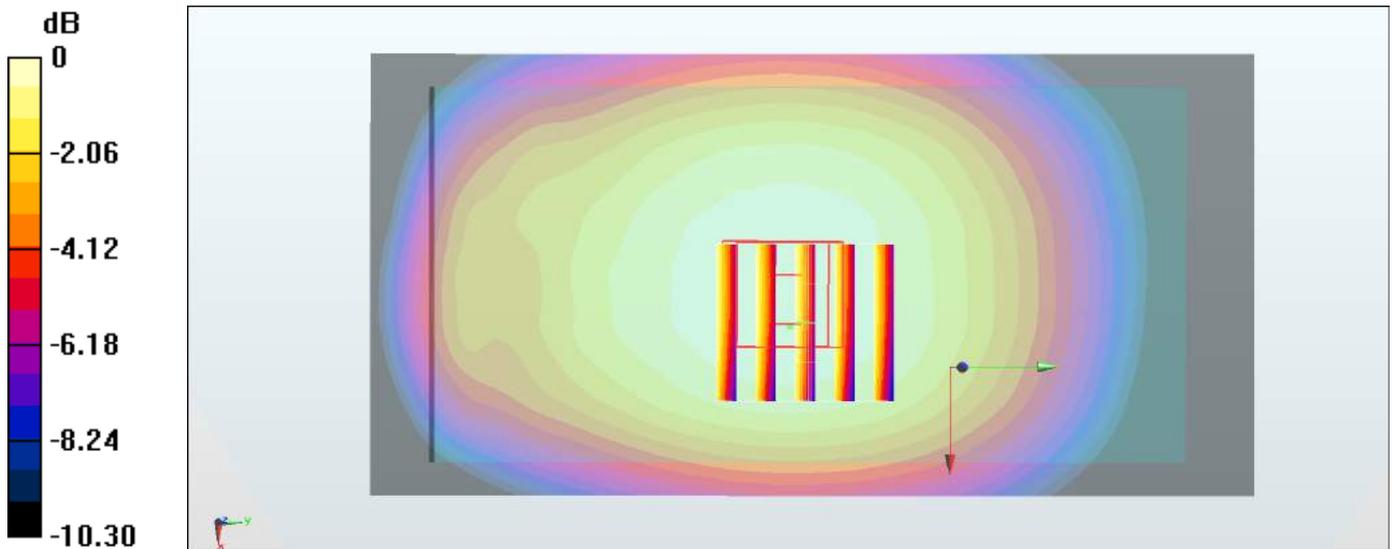
**Configuration/Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.32 \text{ V/m}$ ; Power Drift =  $0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.551 \text{ W/kg}$

**SAR(1 g) =  $0.419 \text{ W/kg}$ ; SAR(10 g) =  $0.326 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.503 \text{ W/kg}$



$0 \text{ dB} = 0.503 \text{ W/kg} = -2.98 \text{ dBW/kg}$

## #25\_LTE Band 13\_10M\_QPSK\_1\_25\_Back\_10mm\_Ch23230

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

Medium: MSL\_750\_160320 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 1.007 \text{ S/m}$ ;  $\epsilon_r = 56.362$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.36, 10.36, 10.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch23230/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.846 \text{ W/kg}$

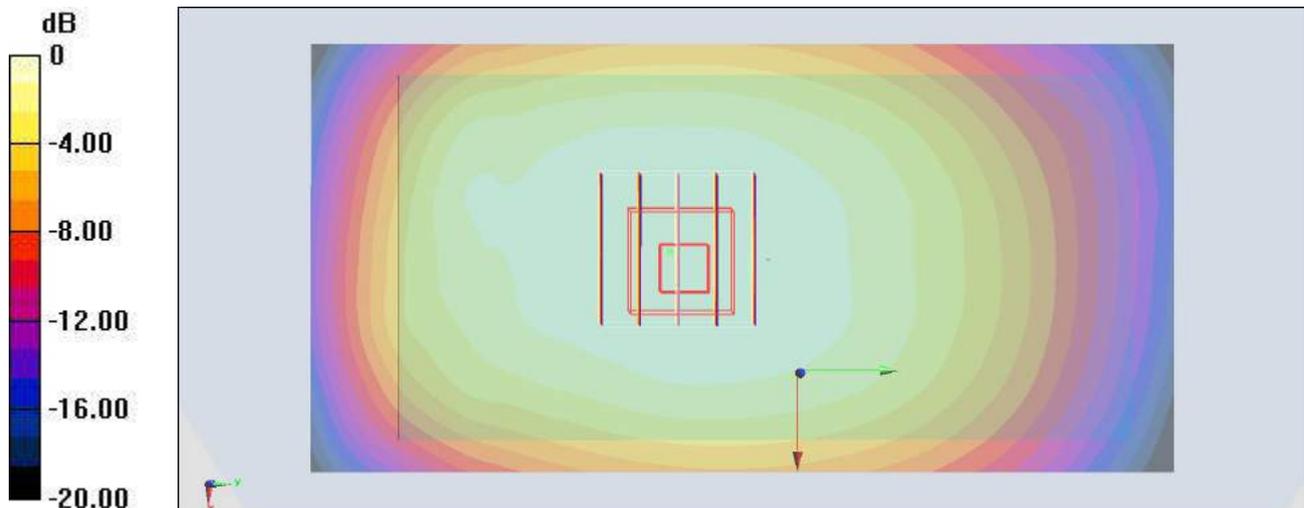
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $29.24 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.915 \text{ W/kg}$

**SAR(1 g) =  $0.711 \text{ W/kg}$ ; SAR(10 g) =  $0.561 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.843 \text{ W/kg}$



$0 \text{ dB} = 0.846 \text{ W/kg} = -0.73 \text{ dBW/kg}$

## #26\_LTE Band 25\_20M\_QPSK\_50\_0\_Back\_10mm\_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_160409 Medium parameters used:  $f = 1905 \text{ MHz}$ ;  $\sigma = 1.53 \text{ S/m}$ ;  $\epsilon_r = 54.932$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - 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: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch26590/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.24 \text{ W/kg}$

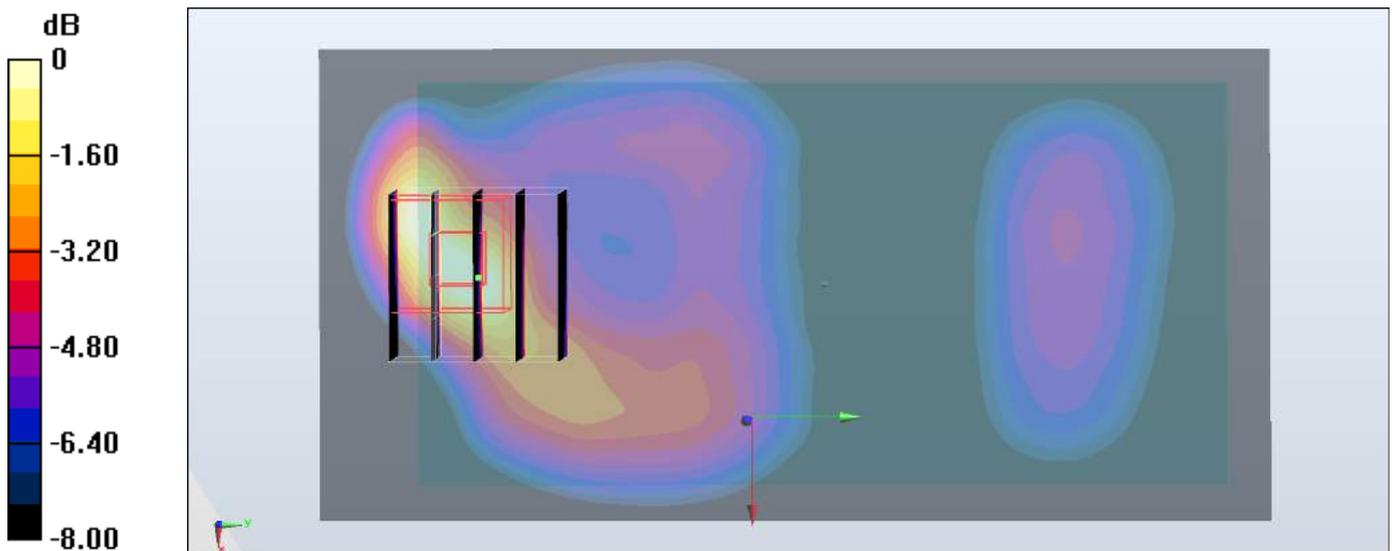
**Configuration/Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.05 \text{ V/m}$ ; Power Drift =  $-0.10 \text{ dB}$

Peak SAR (extrapolated) =  $1.60 \text{ W/kg}$

**SAR(1 g) =  $0.850 \text{ W/kg}$ ; SAR(10 g) =  $0.441 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.22 \text{ W/kg}$



0 dB =  $1.22 \text{ W/kg}$  =  $0.86 \text{ dBW/kg}$

### #27\_LTE Band 26\_15M\_QPSK\_1\_37\_Back\_10mm\_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160320 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.975$  S/m;  $\epsilon_r = 57.758$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch26865/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

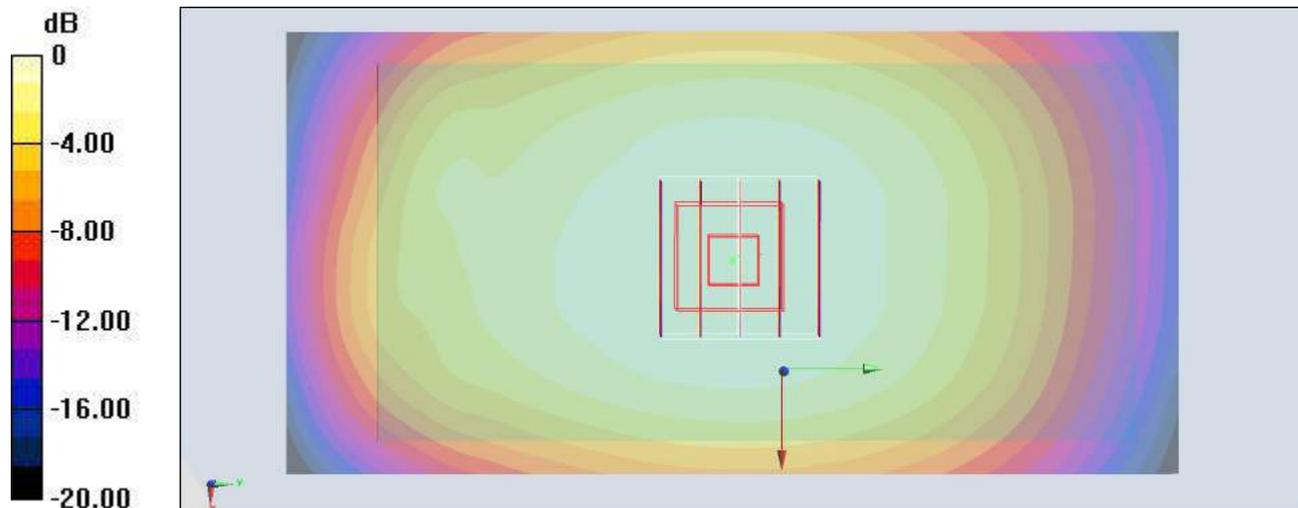
**Configuration/Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.59 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

### #28\_LTE Band 41\_20M\_QPSK\_1\_49\_Back\_10mm\_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_160326 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.07$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch39750/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

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

**Ch39750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 0.756 mW/g

