

### #01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch189

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

Medium: HSL\_850\_160413 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch189/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.225 mW/g

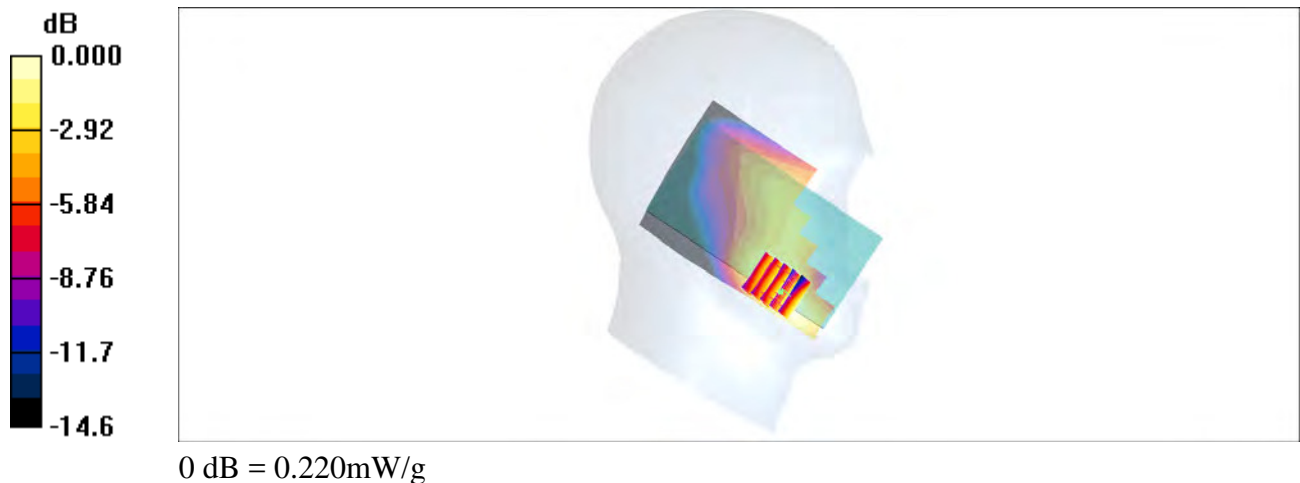
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.250 W/kg

**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.220 mW/g



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

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

Medium: HSL\_1900\_160411 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); 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

**Ch810/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.339 mW/g

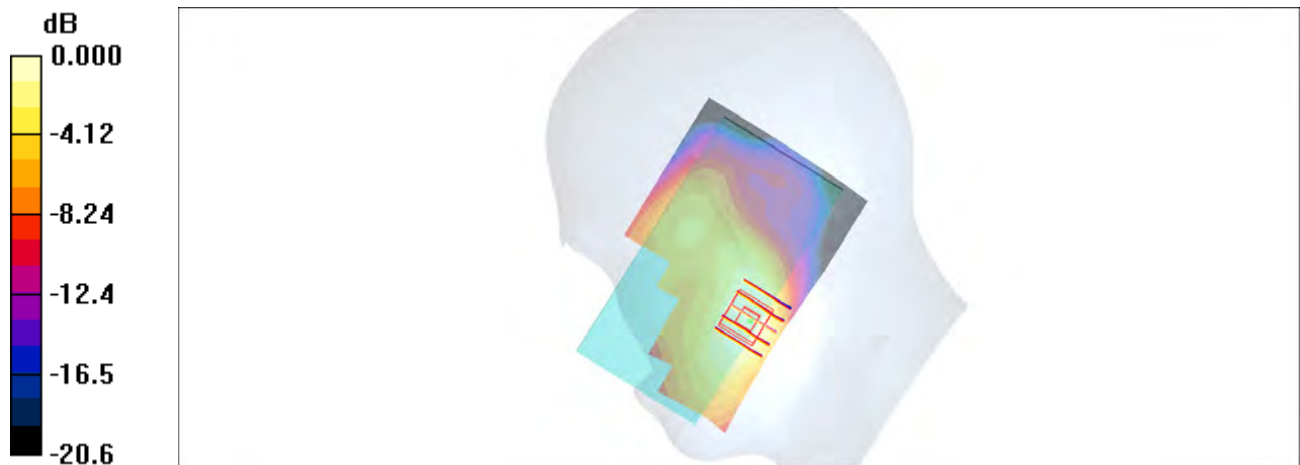
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.329mW/g

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

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

Medium: HSL\_1900\_160411 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.46 \text{ mho/m}$ ;  $\epsilon_r = 38.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); 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

**Ch9538/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.546 \text{ mW/g}$

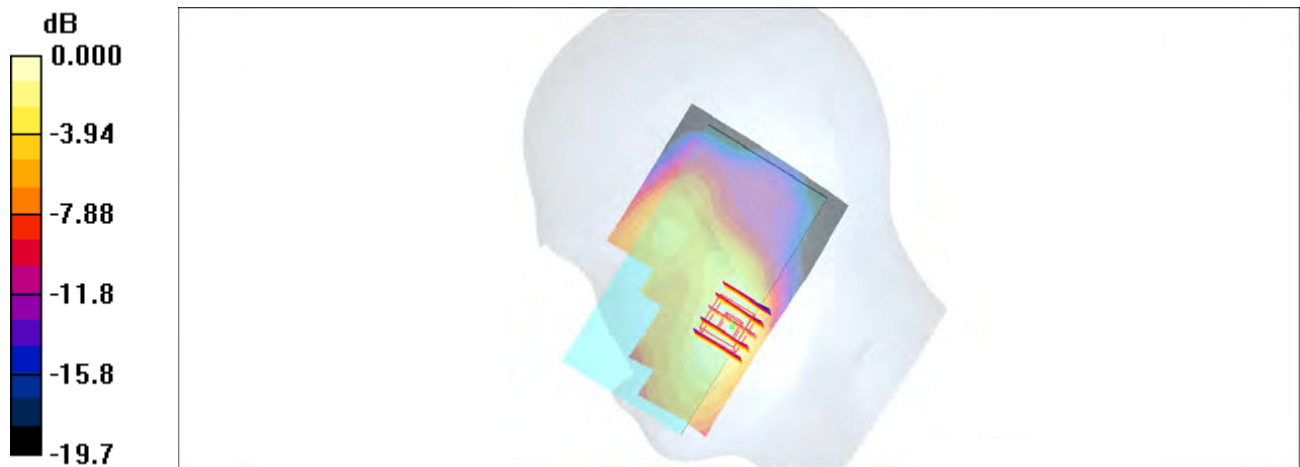
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.5 \text{ V/m}$ ; Power Drift =  $0.146 \text{ dB}$

Peak SAR (extrapolated) =  $0.671 \text{ W/kg}$

**SAR(1 g) =  $0.411 \text{ mW/g}$ ; SAR(10 g) =  $0.247 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.581 \text{ mW/g}$



0 dB =  $0.581\text{mW/g}$

### #04\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_160413 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.871$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Ch4132/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.395 mW/g

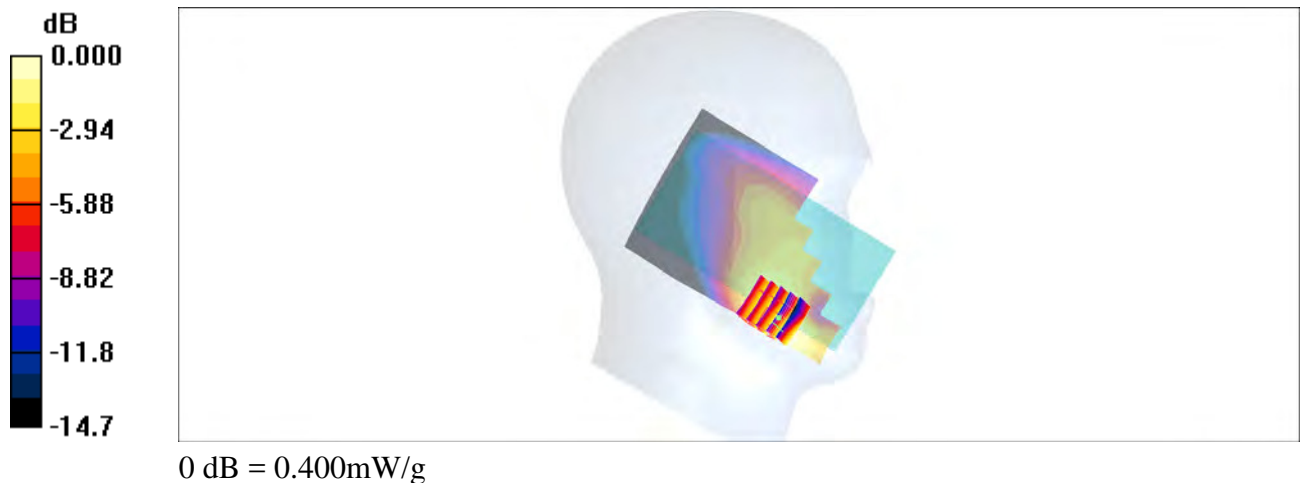
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.8 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.454 W/kg

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.208 mW/g**

Maximum value of SAR (measured) = 0.400 mW/g



### #05\_CDMA BC0\_1xRTT RC3 SO55\_Left Cheek\_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_160413 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.87 \text{ mho/m}$ ;  $\epsilon_r = 41.1$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(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

**Ch1013/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.398 \text{ mW/g}$

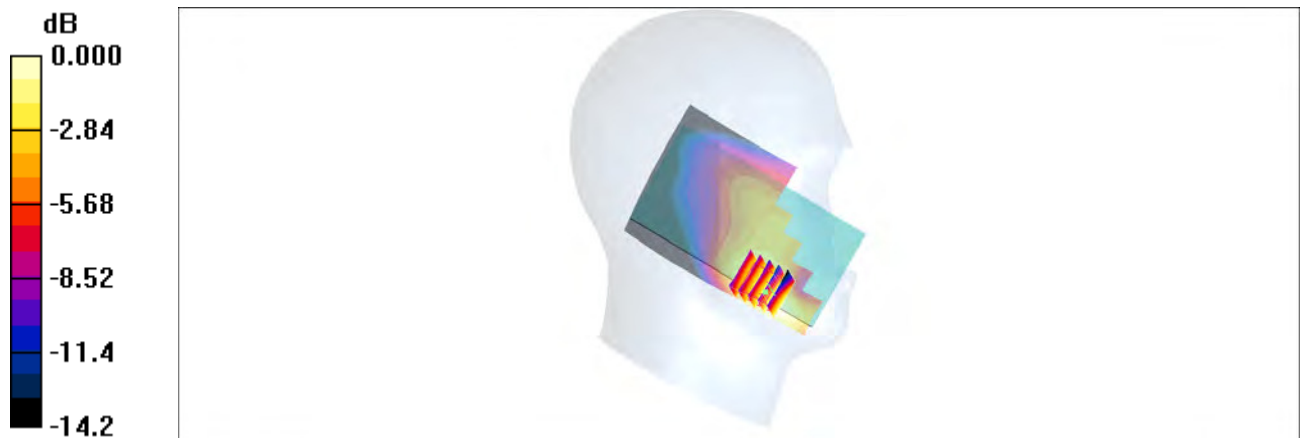
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $20.1 \text{ V/m}$ ; Power Drift =  $-0.056 \text{ dB}$

Peak SAR (extrapolated) =  $0.418 \text{ W/kg}$

**SAR(1 g) =  $0.287 \text{ mW/g}$ ; SAR(10 g) =  $0.191 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.370 \text{ mW/g}$



0 dB =  $0.370\text{mW/g}$

### #06\_CDMA BC1\_1xRTT RC3 SO55\_Right Cheek\_Ch1175

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

Medium: HSL\_1900\_160411 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); 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

**Ch1175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.700 mW/g

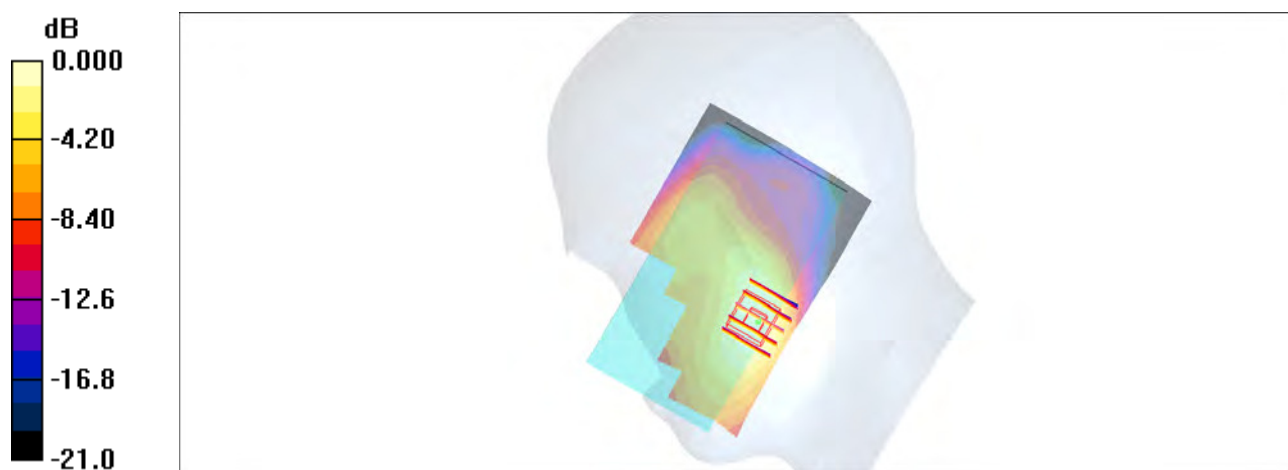
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.830 W/kg

**SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 0.713 mW/g



0 dB = 0.713mW/g

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

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

Medium: HSL\_1900\_160411 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.18, 8.18, 8.18); 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

**Ch18900/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.445 \text{ mW/g}$

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.2 \text{ V/m}$ ; Power Drift =  $0.120 \text{ dB}$

Peak SAR (extrapolated) =  $0.506 \text{ W/kg}$

**SAR(1 g) =  $0.319 \text{ mW/g}$ ; SAR(10 g) =  $0.195 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.439 \text{ mW/g}$



0 dB =  $0.439\text{mW/g}$

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

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

Medium: HSL\_1750\_160412 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.7$ ;

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

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.43, 8.43, 8.43); Calibrated: 2015/5/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.437 mW/g

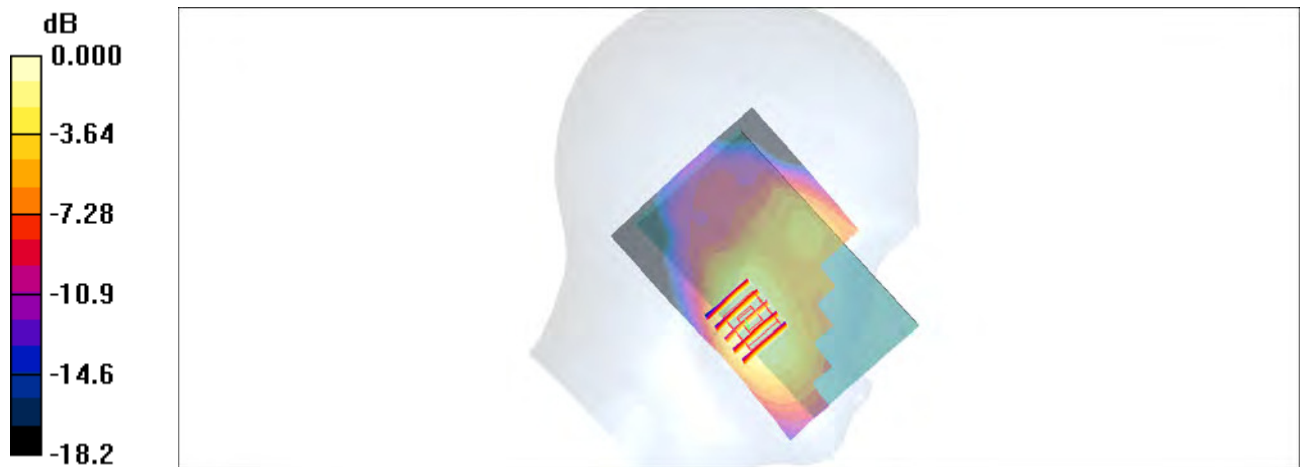
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.482 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.427mW/g

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

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

Medium: HSL\_850\_160413 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.436 mW/g

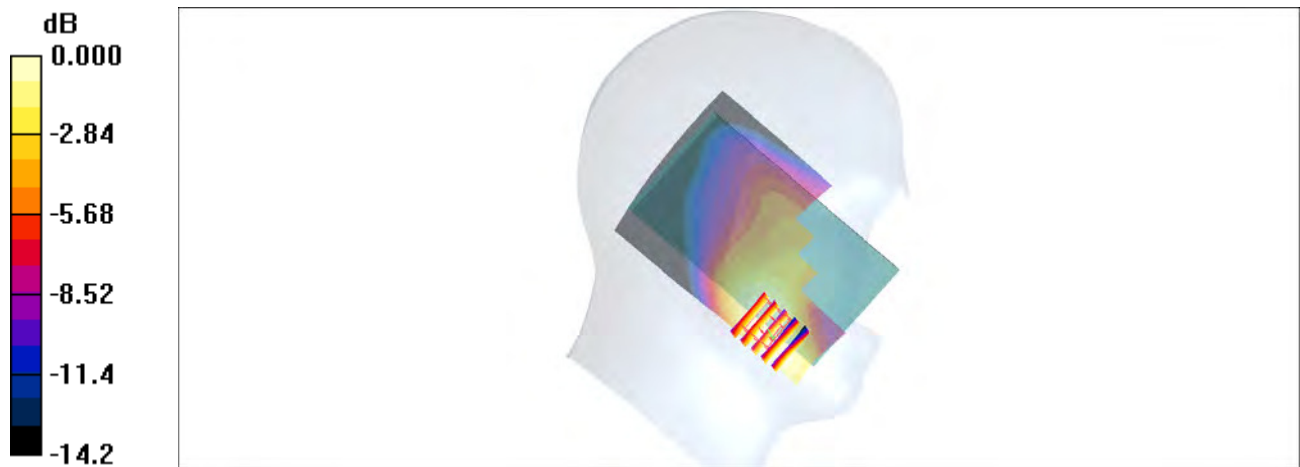
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.2 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.457 W/kg

**SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.226 mW/g**

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



0 dB = 0.407mW/g

### #10\_LTE Band 7\_20M\_QPSK\_1\_99\_Left Cheek\_Ch20850

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

Medium: HSL\_2600\_160412 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 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: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20850/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.470 mW/g

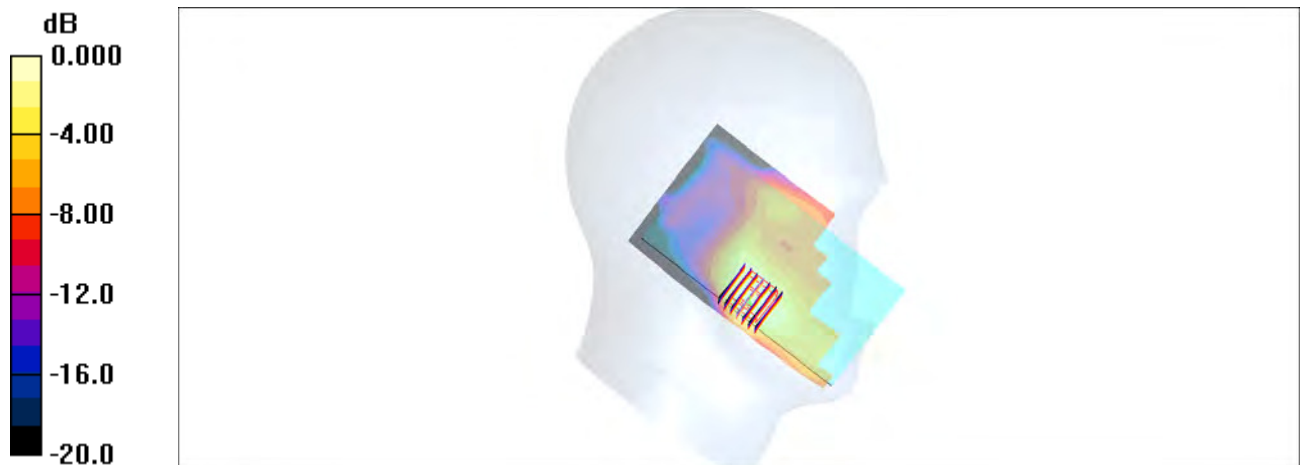
**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.528 W/kg

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 0.443 mW/g



0 dB = 0.443mW/g

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

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

Medium: HSL\_750\_160415 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.921 \text{ mho/m}$ ;  $\epsilon_r = 42.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.15, 10.15, 10.15); 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

**Ch23230/Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.219 \text{ mW/g}$

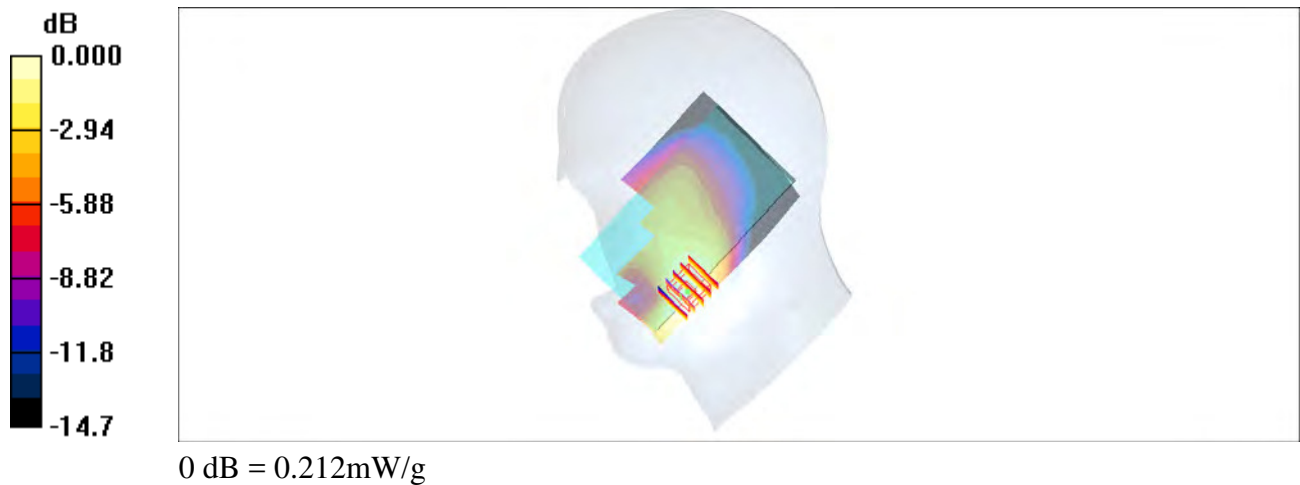
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.4 \text{ V/m}$ ; Power Drift =  $0.024 \text{ dB}$

Peak SAR (extrapolated) =  $0.235 \text{ W/kg}$

**SAR(1 g) =  $0.169 \text{ mW/g}$ ; SAR(10 g) =  $0.115 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.212 \text{ mW/g}$



## #12\_WLAN 2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch11;Ant 1

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.010

Medium: HSL\_2450\_160423 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 39.365$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.846 W/kg

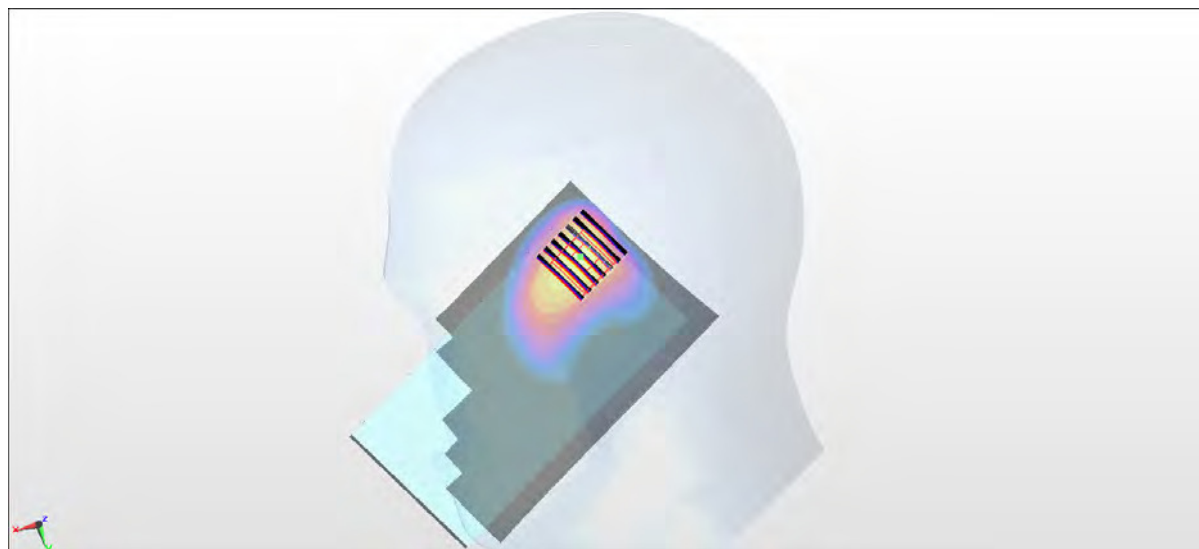
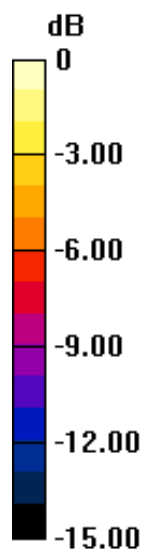
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.76 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

**#13\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch58;Ant 1**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.161

Medium: HSL\_5G\_160610 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.705$  S/m;  $\epsilon_r = 35.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch58/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

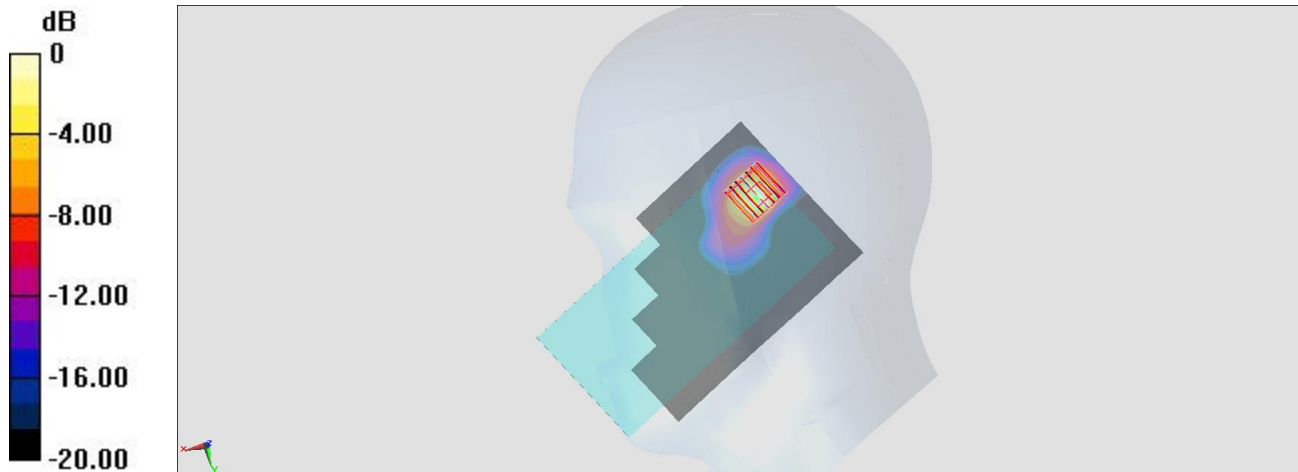
**Configuration/Ch58/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.348 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.20 W/kg

**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



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

### #14\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch122;Ant 1

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.161

Medium: HSL\_5G\_160610 Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.002$  S/m;  $\epsilon_r = 35.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.47, 4.47, 4.47); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch122/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

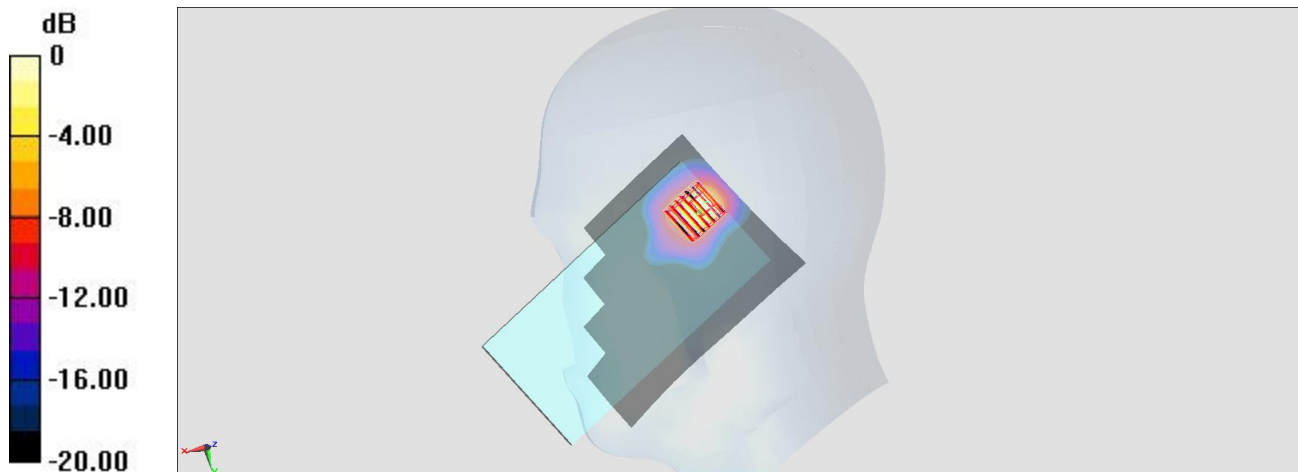
**Configuration/Ch122/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.694 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.085 W/kg**

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



0 dB = 0.961 W/kg = -0.17 dBW/kg

### #15\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch155;Ant 1

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.161

Medium: HSL\_5G\_160421 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.017$  S/m;  $\epsilon_r = 34.487$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.41, 4.41, 4.41); 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/Ch155/Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

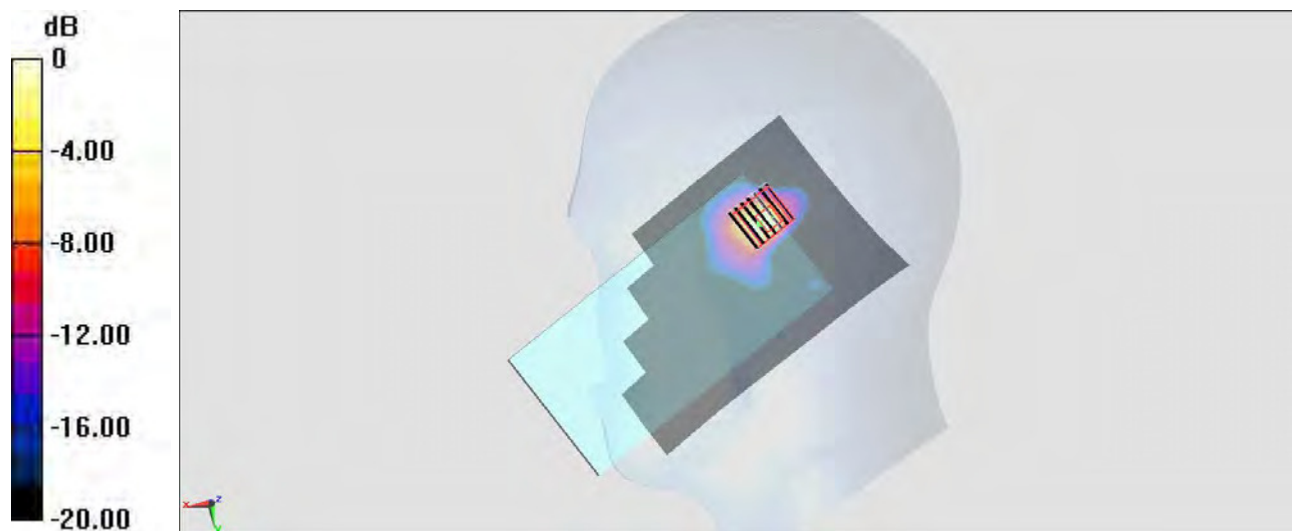
**Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.510 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.061 W/kg**

Maximum value of SAR (measured) = 0.853 W/kg



0 dB = 0.777 W/kg = -1.10 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\_160420 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.985 \text{ mho/m}$ ;  $\epsilon_r = 57.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch251/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.864 \text{ mW/g}$

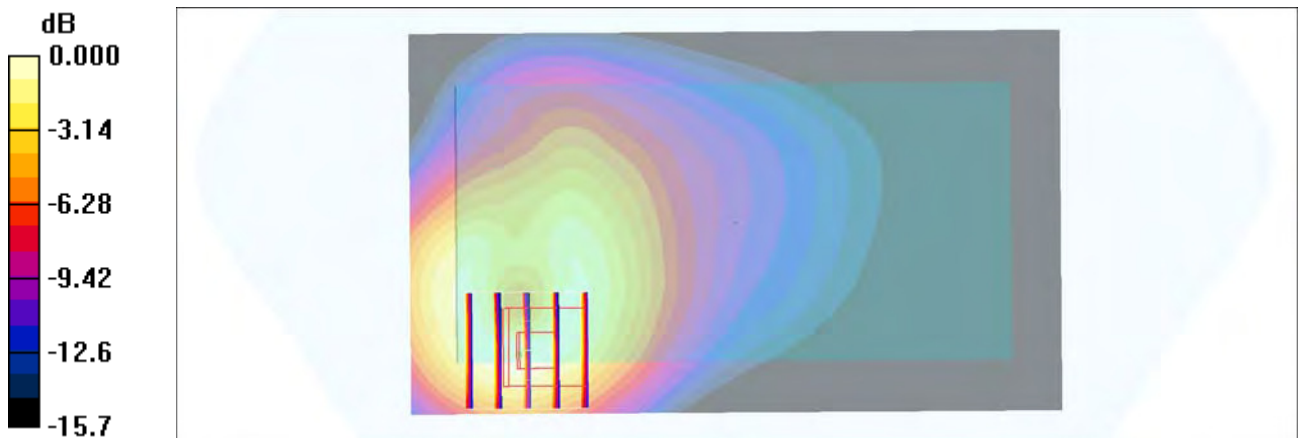
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.6 \text{ V/m}$ ; Power Drift =  $-0.002 \text{ dB}$

Peak SAR (extrapolated) =  $1.26 \text{ W/kg}$

**SAR(1 g) =  $0.692 \text{ mW/g}$ ; SAR(10 g) =  $0.396 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.857 \text{ mW/g}$



0 dB =  $0.857\text{mW/g}$

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

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

Medium: MSL\_1900\_160416 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

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

**Ch810/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.811 mW/g

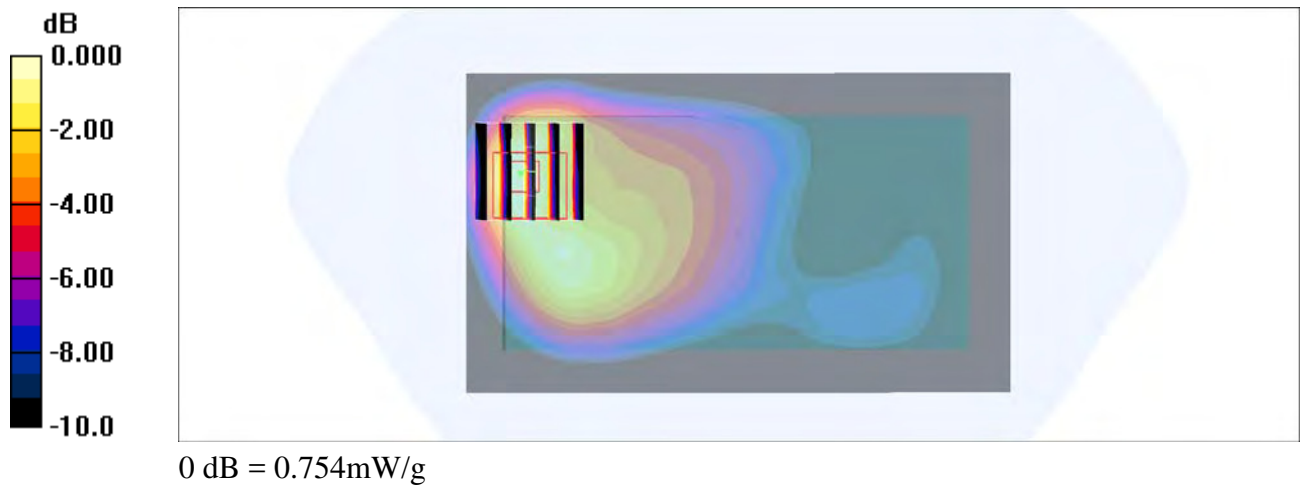
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.872 W/kg

**SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.294 mW/g**

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



### #18\_WCDMA II\_RMC 12.2Kbps\_Front\_10mm\_Ch9538

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

Medium: MSL\_1900\_160417 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

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

**Ch9538/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.40 \text{ mW/g}$

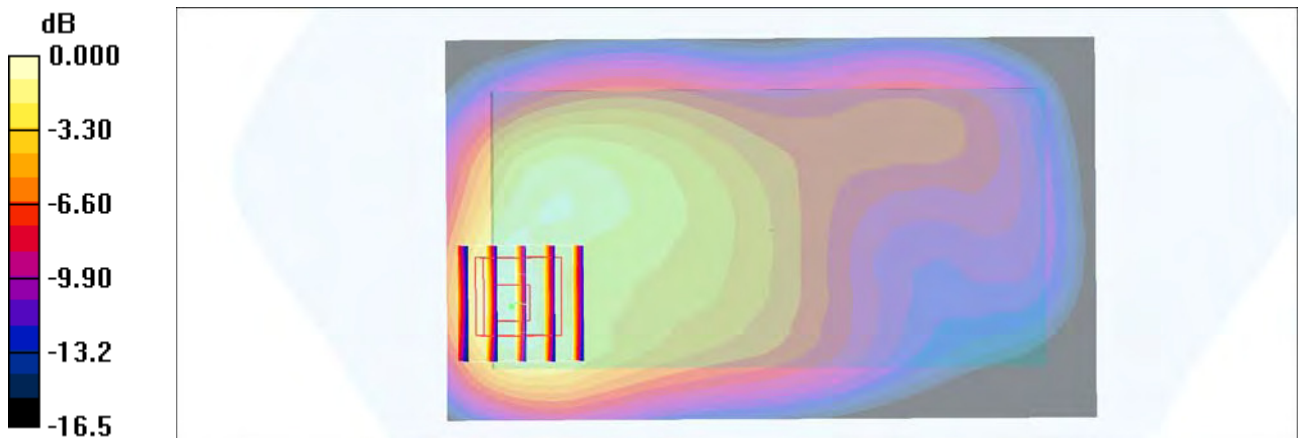
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $25.5 \text{ V/m}$ ; Power Drift =  $-0.044 \text{ dB}$

Peak SAR (extrapolated) =  $1.45 \text{ W/kg}$

**SAR(1 g) =  $0.907 \text{ mW/g}$ ; SAR(10 g) =  $0.544 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.25 \text{ mW/g}$



0 dB =  $1.25\text{mW/g}$

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

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

Medium: MSL\_850\_160420 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.983 \text{ mho/m}$ ;  $\epsilon_r = 57.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4233/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.970 \text{ mW/g}$

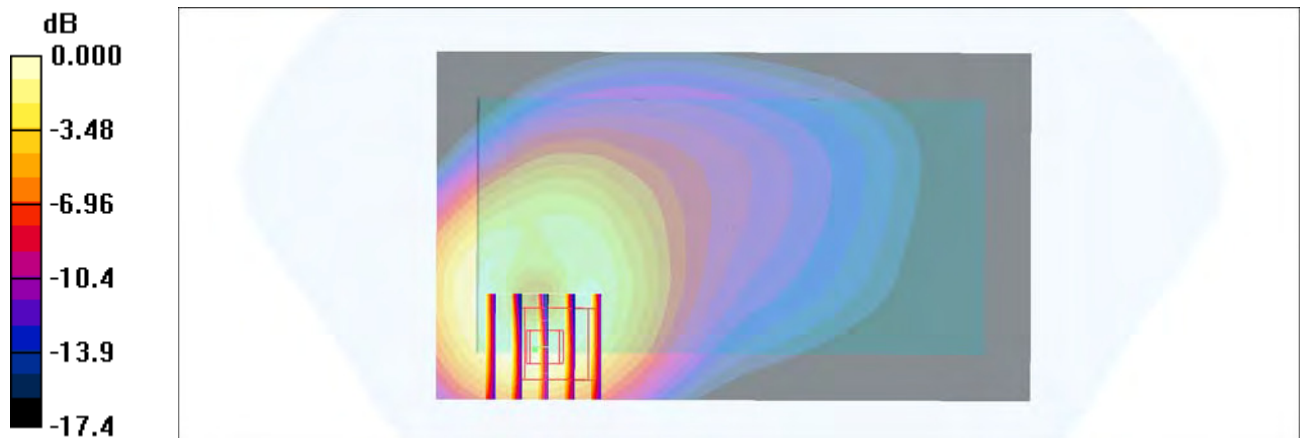
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.0 \text{ V/m}$ ; Power Drift =  $0.043 \text{ dB}$

Peak SAR (extrapolated) =  $1.43 \text{ W/kg}$

**SAR(1 g) =  $0.794 \text{ mW/g}$ ; SAR(10 g) =  $0.447 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.995 \text{ mW/g}$



0 dB =  $0.995\text{mW/g}$

### #20\_CDMA BC0\_RTAP 153.6Kbps\_Back\_10mm\_Ch384

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

Medium: MSL\_850\_160421 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 57.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch384/Area Scan (71x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.46 mW/g

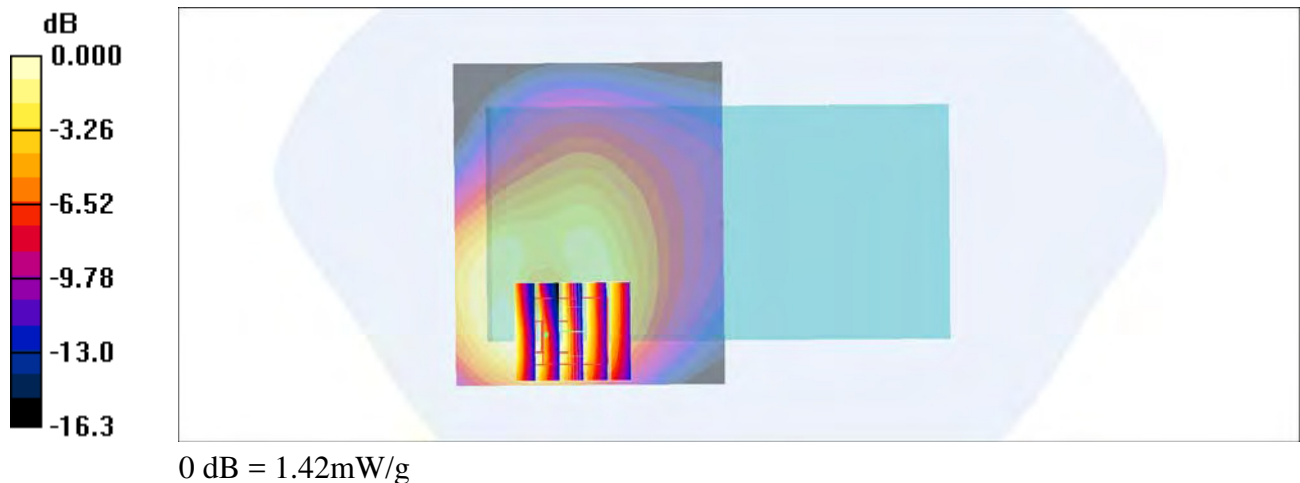
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.3 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.642 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g



### #21\_CDMA BC1\_RTAP 153.6Kbps\_Bottom Side\_10mm\_Ch600

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

Medium: MSL\_1900\_160419 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch600/Area Scan (41x71x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.04 \text{ mW/g}$

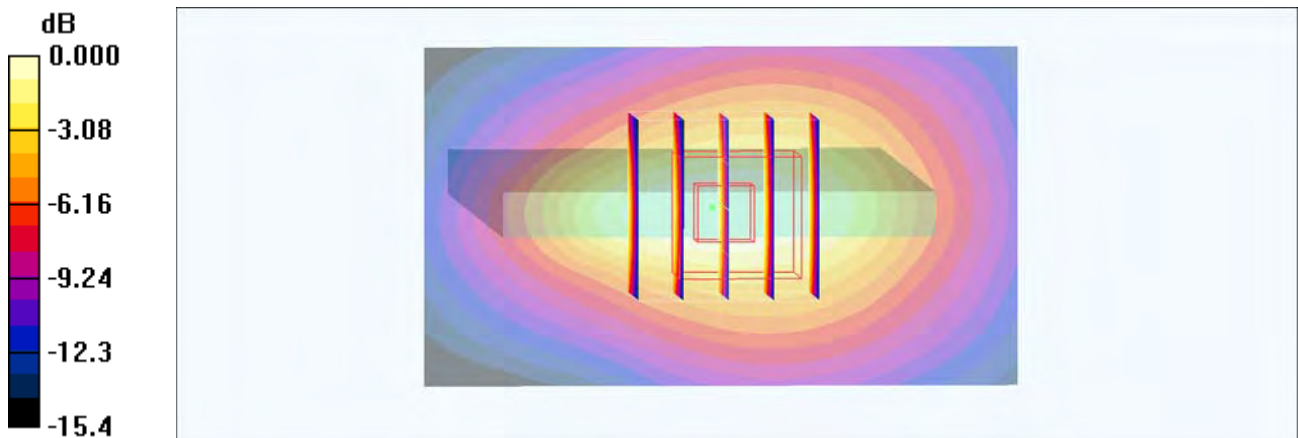
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $24.4 \text{ V/m}$ ; Power Drift =  $-0.028 \text{ dB}$

Peak SAR (extrapolated) =  $1.33 \text{ W/kg}$

**SAR(1 g) =  $0.807 \text{ mW/g}$ ; SAR(10 g) =  $0.471 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.972 \text{ mW/g}$



0 dB =  $0.972\text{mW/g}$

### #22\_LTE Band 2\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch18700

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

Medium: MSL\_1900\_160416 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

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

**Ch18700/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.46 mW/g

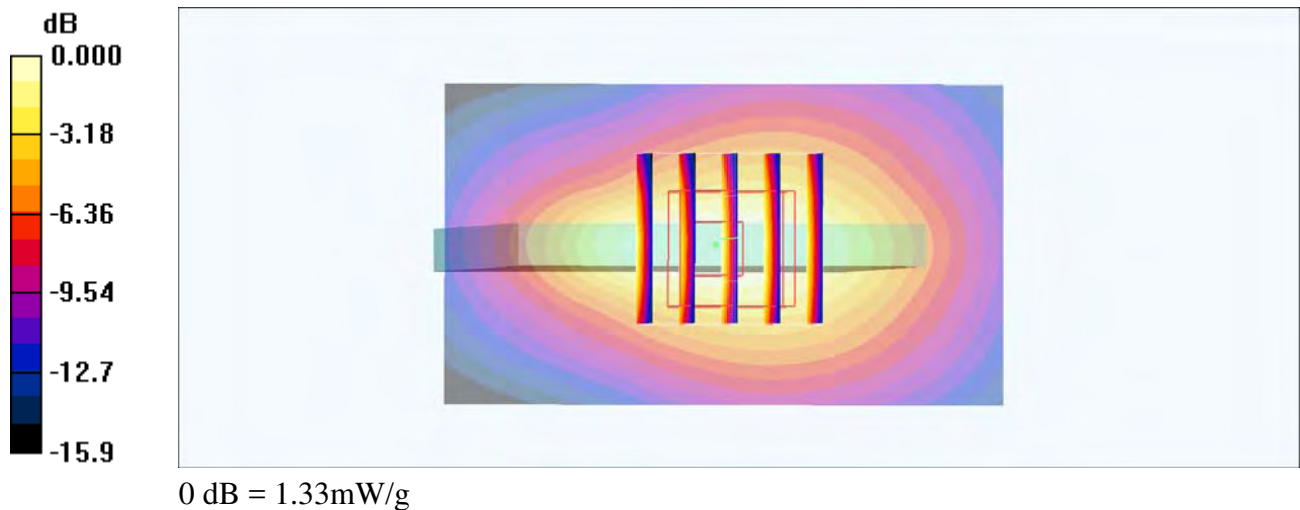
**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.544 mW/g**

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



### #23\_LTE Band 4\_20M\_QPSK\_50\_24\_Bottom Side\_10mm\_Ch20175

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

Medium: MSL\_1750\_160417 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 52.8$ ;

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

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20175/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.904 mW/g

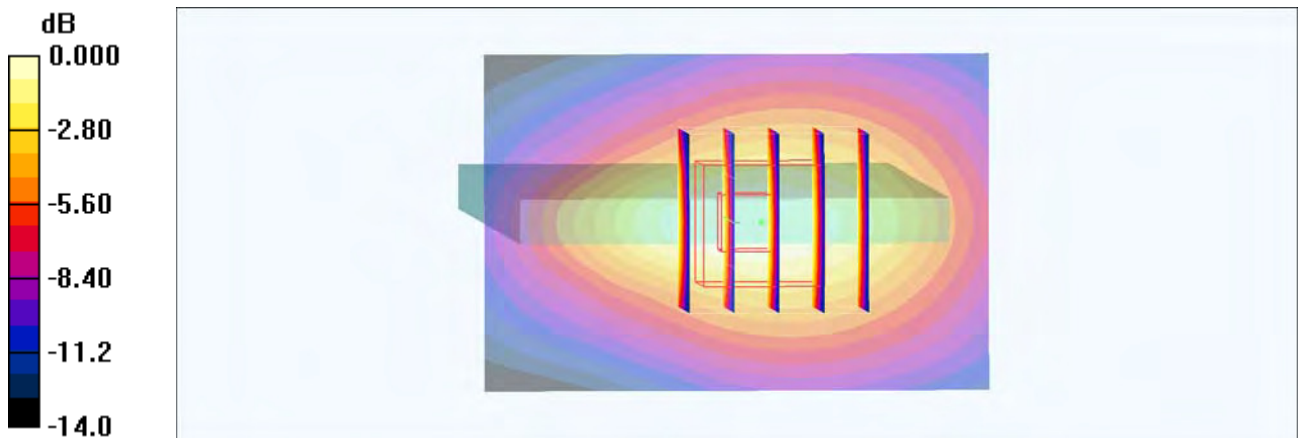
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.438 mW/g**

Maximum value of SAR (measured) = 0.876 mW/g



0 dB = 0.876mW/g

### #24\_LTE Band 5\_10M\_QPSK\_50\_0\_Back\_10mm\_Ch20525

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

Medium: MSL\_850\_160420 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.973$  mho/m;  $\epsilon_r = 57.6$ ;

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

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20525/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.887 mW/g

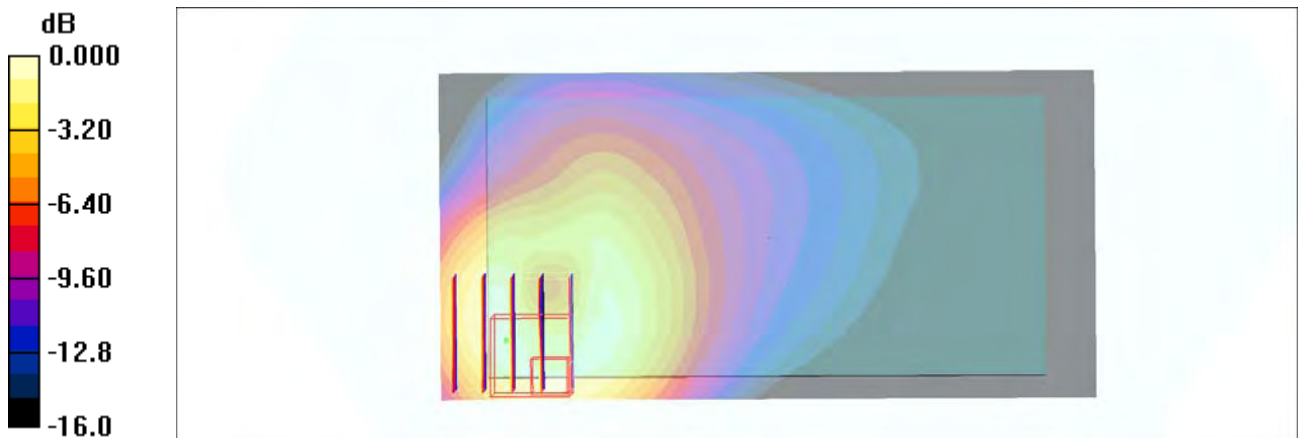
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.423 mW/g**

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.965mW/g

### #25\_LTE Band 7\_20M\_QPSK\_1\_99\_Back\_10mm\_Ch21350

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

Medium: MSL\_2600\_160416 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.13$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

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

**Ch21350/Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.26 mW/g

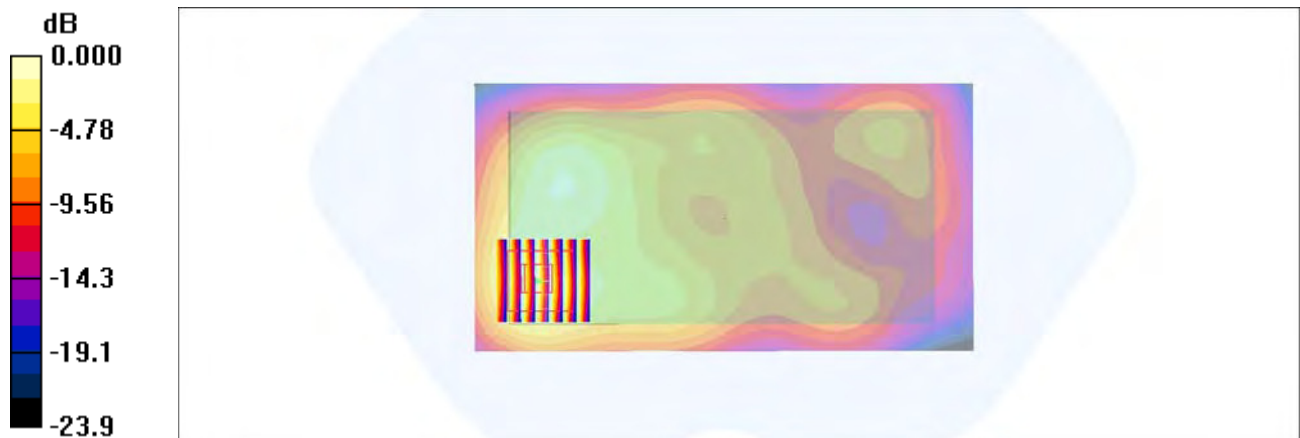
**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.436 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

### #26\_LTE Band 13\_10M\_QPSK\_50\_0\_Front\_10mm\_Ch23230

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

Medium: MSL\_750\_160419 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.987 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch23230/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.825 \text{ mW/g}$

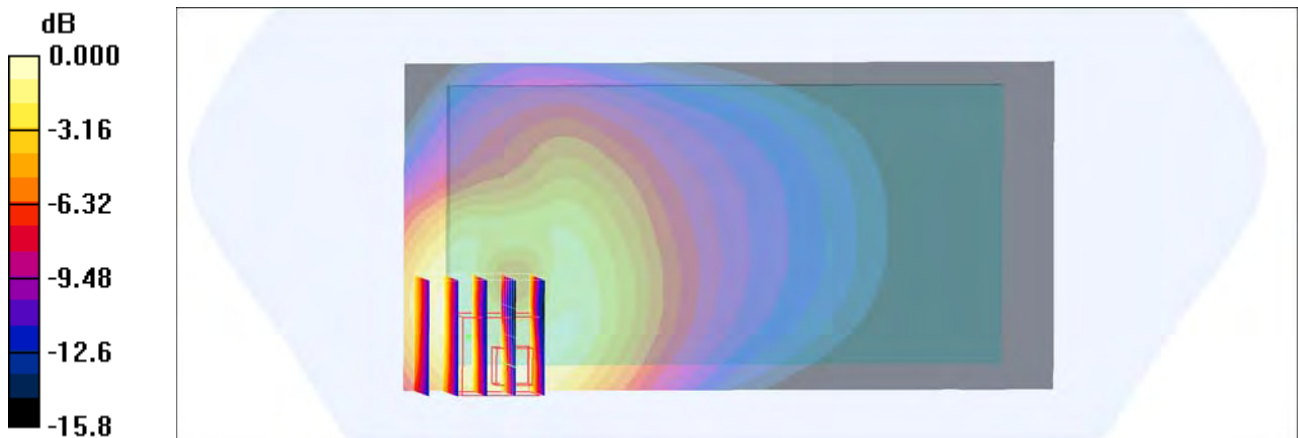
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.6 \text{ V/m}$ ; Power Drift =  $-0.020 \text{ dB}$

Peak SAR (extrapolated) =  $1.28 \text{ W/kg}$

**SAR(1 g) =  $0.685 \text{ mW/g}$ ; SAR(10 g) =  $0.382 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.864 \text{ mW/g}$



0 dB =  $0.864\text{mW/g}$

## #27\_WLAN 2.4GHz\_802.11b 1Mbps\_Front\_10mm\_Ch11;Ant 1

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.01

Medium: MSL\_2450\_160417 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.03$  S/m;  $\epsilon_r = 53.274$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

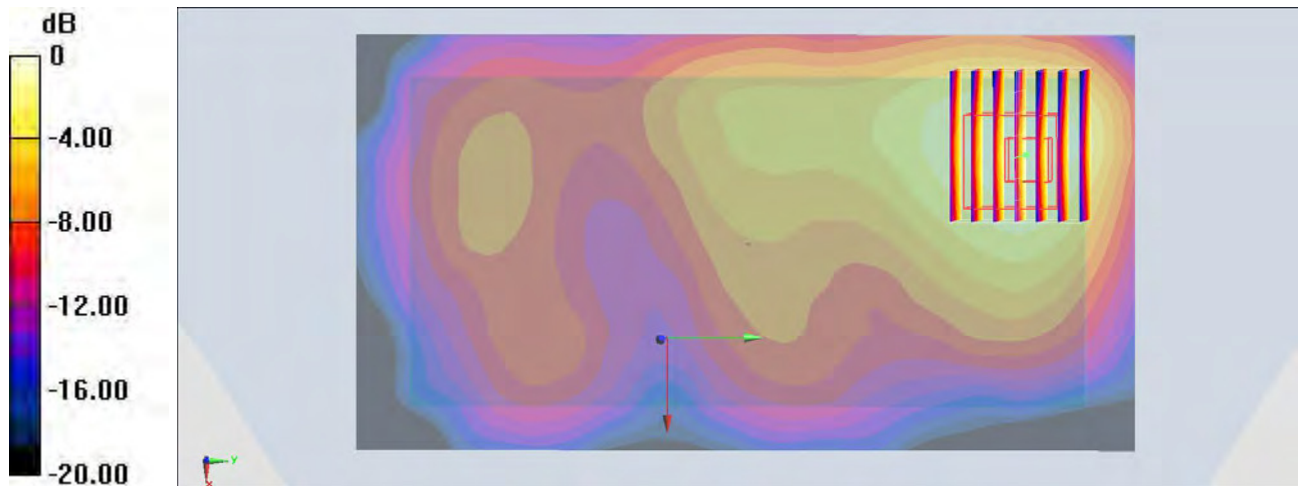
**Configuration/Ch11/Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

## #28\_WLAN 5GHz\_802.11a 6Mbps\_Front\_10mm\_Ch36;Ant 1

Communication System: 802.11a ; Frequency: 5180 MHz;Duty Cycle: 1:1.053

Medium: MSL\_5G\_160418 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.443$  S/m;  $\epsilon_r = 47.183$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch36/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.137 W/kg

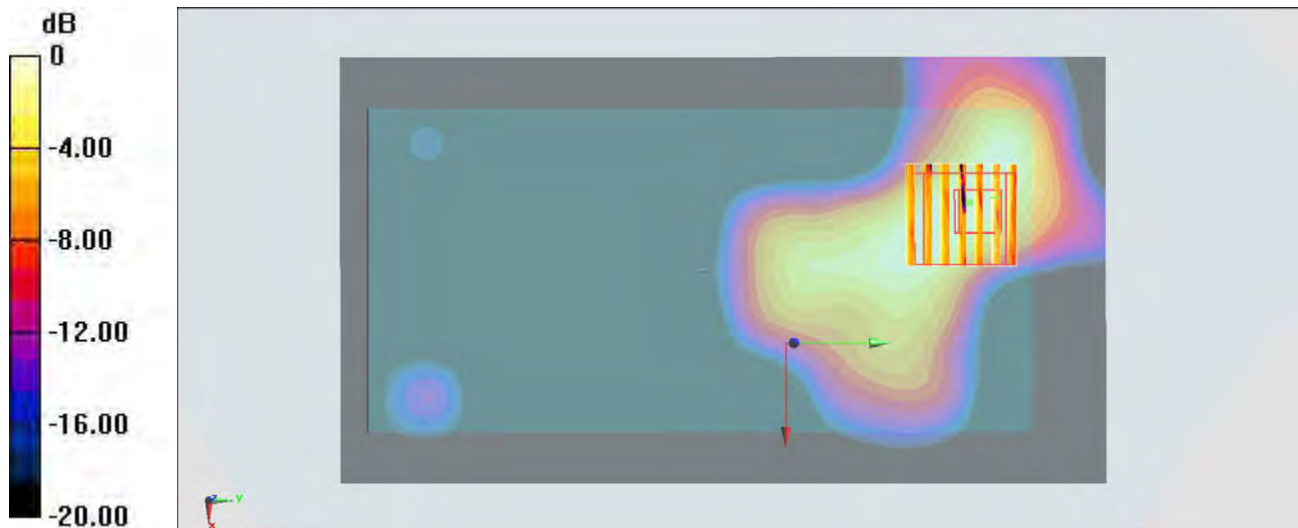
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.966 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

## #29\_WLAN5GHz\_802.11a 6Mbps\_Front\_10mm\_Ch149;Ant 1

Communication System: 802.11a ; Frequency: 5745 MHz;Duty Cycle: 1:1.053

Medium: MSL\_5G\_160422 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.223$  S/m;  $\epsilon_r = 45.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch149/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.242 W/kg

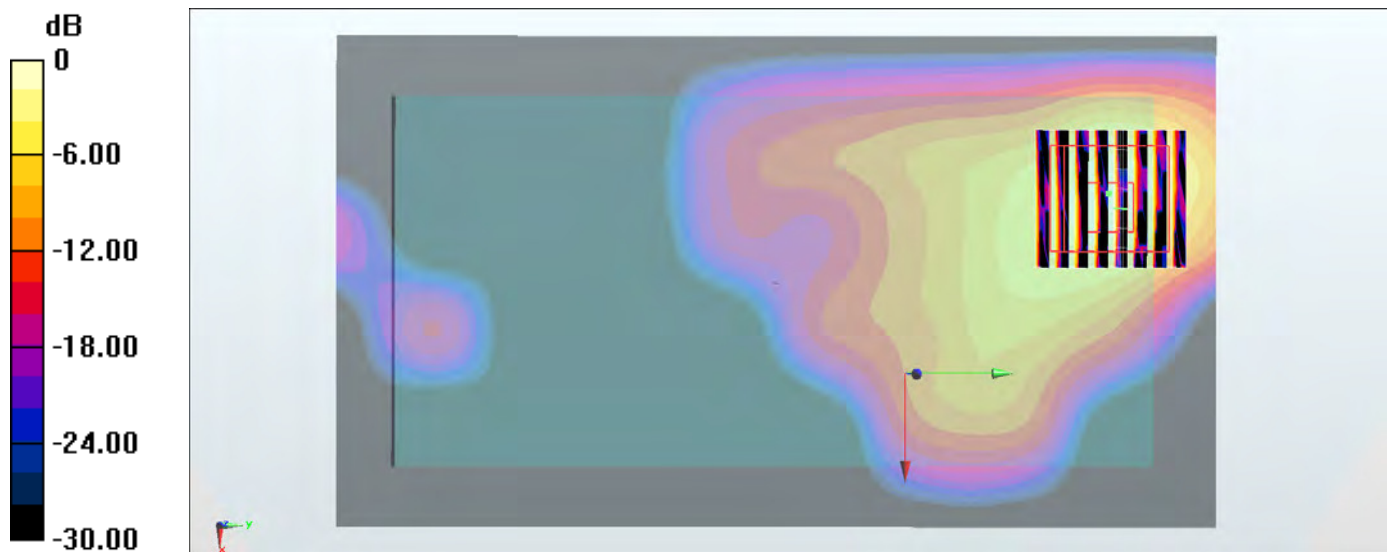
Configuration/Ch149/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.811 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

### #30\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_0mm\_Ch9400

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

Medium: MSL\_1900\_160417 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 53.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

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

**Ch9400/Area Scan (41x71x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $11.1 \text{ mW/g}$

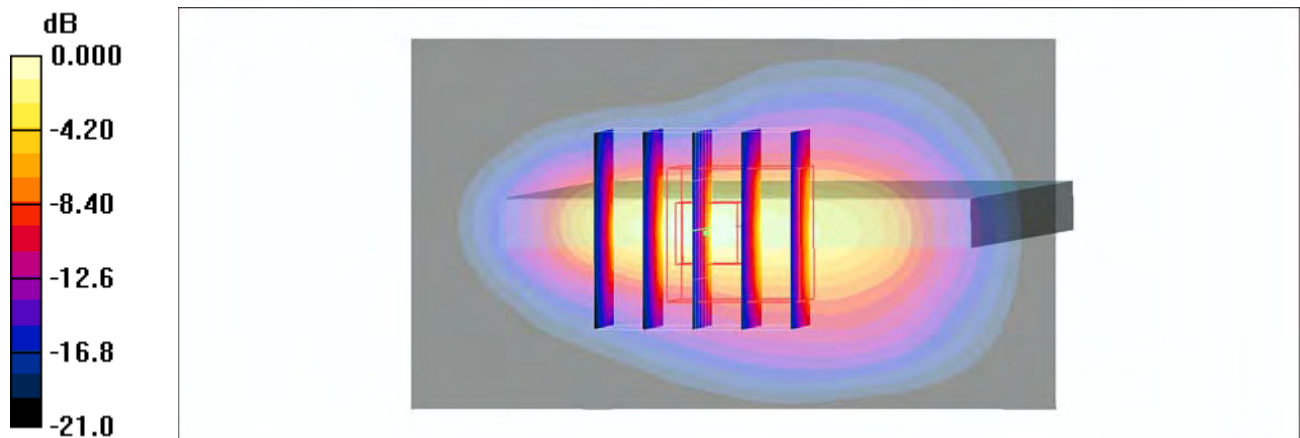
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $76.8 \text{ V/m}$ ; Power Drift =  $0.031 \text{ dB}$

Peak SAR (extrapolated) =  $15.6 \text{ W/kg}$

**SAR(1 g) =  $5.7 \text{ mW/g}$ ; SAR(10 g) =  $2.48 \text{ mW/g}$**

Maximum value of SAR (measured) =  $12.8 \text{ mW/g}$



0 dB =  $12.8\text{mW/g}$

### #31\_CDMA BC1\_RTAP 153.6Kbps\_Bottom Side\_0mm\_Ch1175

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

Medium: MSL\_1900\_160417 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

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

**Ch1175/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.9 mW/g

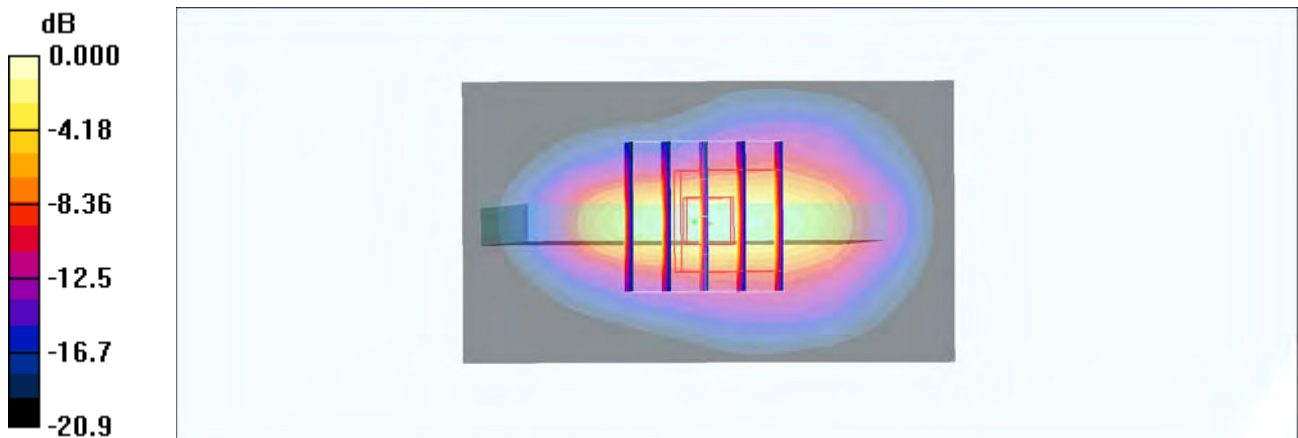
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.4 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 6.47 mW/g; SAR(10 g) = 2.93 mW/g**

Maximum value of SAR (measured) = 13.7 mW/g



0 dB = 13.7mW/g

### #32\_WLAN5GHz\_802.11a 6Mbps\_Front\_0mm\_Ch52;Ant 1

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.053

Medium: MSL\_5G\_160610 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.539$  S/m;  $\epsilon_r = 49.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.27 W/kg

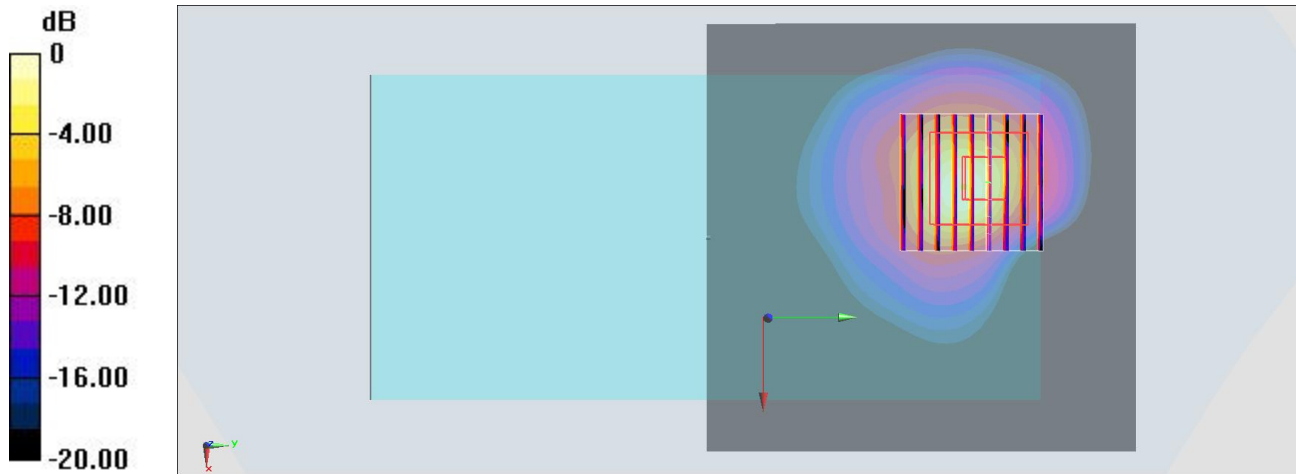
**Configuration/Ch52/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.833 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 28.6 W/kg

**SAR(1 g) = 3.86 W/kg; SAR(10 g) = 0.870 W/kg**

Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 5.27 W/kg = 7.22 dBW/kg

### #33\_WLAN5GHz\_802.11a 6Mbps\_Front\_0mm\_Ch116;Ant 1

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.053

Medium: MSL\_5G\_160610 Medium parameters used:  $f = 5580 \text{ MHz}$ ;  $\sigma = 5.948 \text{ S/m}$ ;  $\epsilon_r = 48.697$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(3.85, 3.85, 3.85); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch116/Area Scan (101x201x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $9.55 \text{ W/kg}$

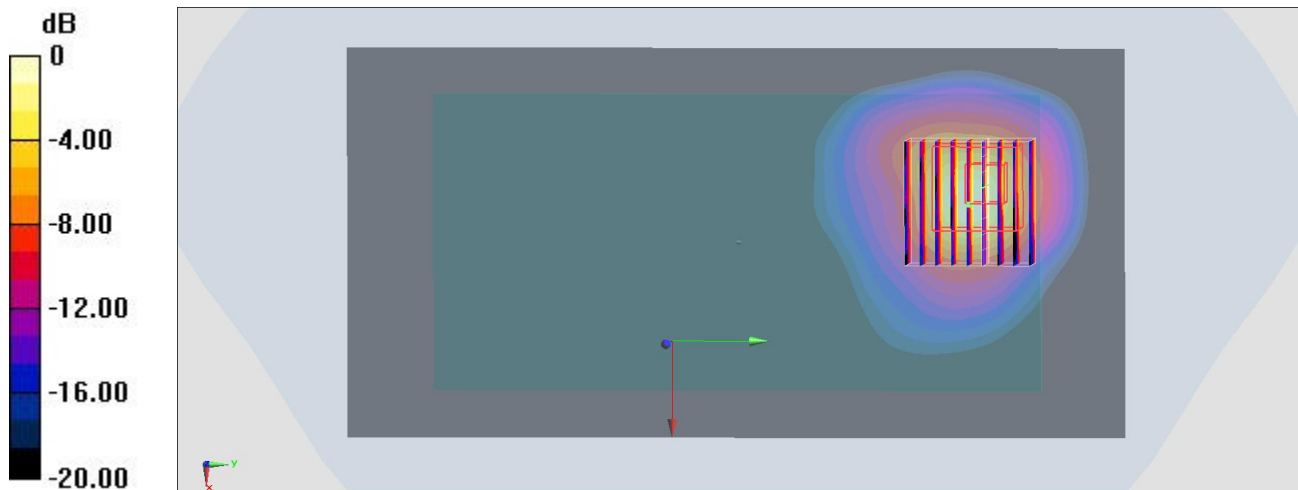
**Configuration/Ch116/Zoom Scan (9x9x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $56.801 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $57.3 \text{ W/kg}$

**SAR(1 g) =  $8.56 \text{ W/kg}$ ; SAR(10 g) =  $1.82 \text{ W/kg}$**

Maximum value of SAR (measured) =  $30.5 \text{ W/kg}$



0 dB =  $9.55 \text{ W/kg} = 9.80 \text{ dBW/kg}$

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

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

Medium: MSL\_850\_160420 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 57.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch251/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.864 mW/g

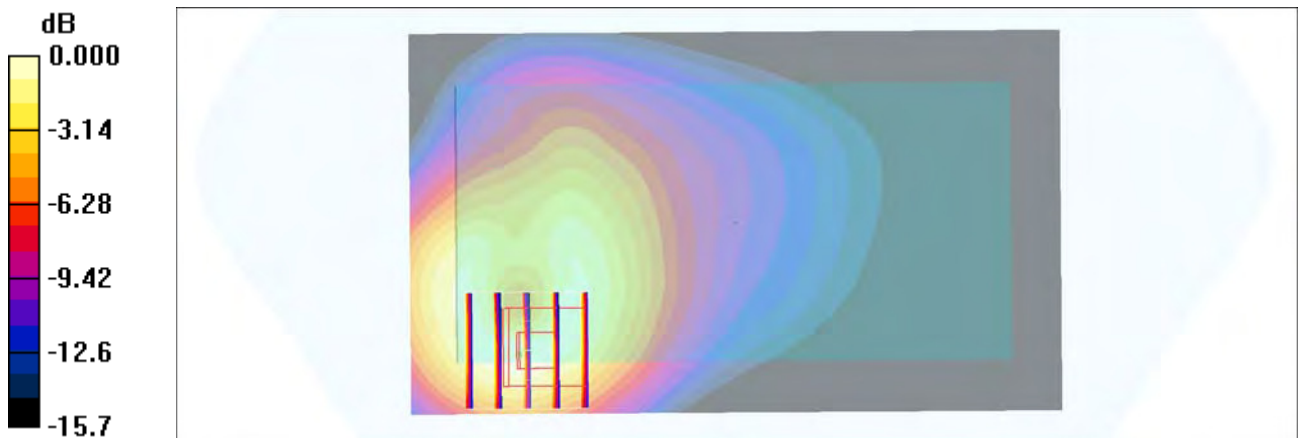
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.396 mW/g**

Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.857mW/g

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

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

Medium: MSL\_1900\_160416 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 55.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

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

**Ch810/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.811 mW/g

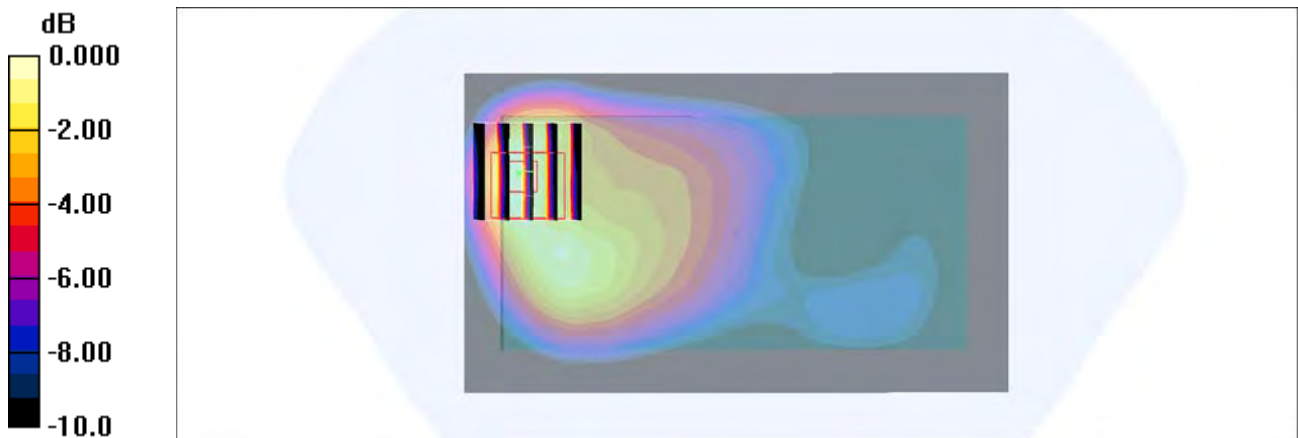
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.872 W/kg

**SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.294 mW/g**

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



0 dB = 0.754mW/g

### #36\_WCDMA II\_RMC 12.2Kbps\_Front\_10mm\_Ch9538

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

Medium: MSL\_1900\_160417 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

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

**Ch9538/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.40 mW/g

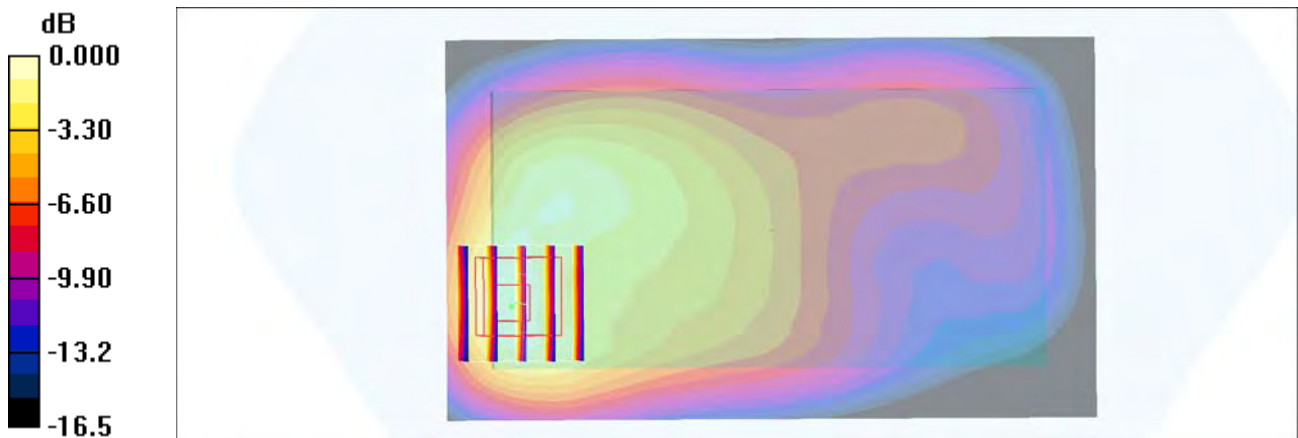
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.544 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g

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

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

Medium: MSL\_850\_160420 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.983 \text{ mho/m}$ ;  $\epsilon_r = 57.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch4233/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.970 \text{ mW/g}$

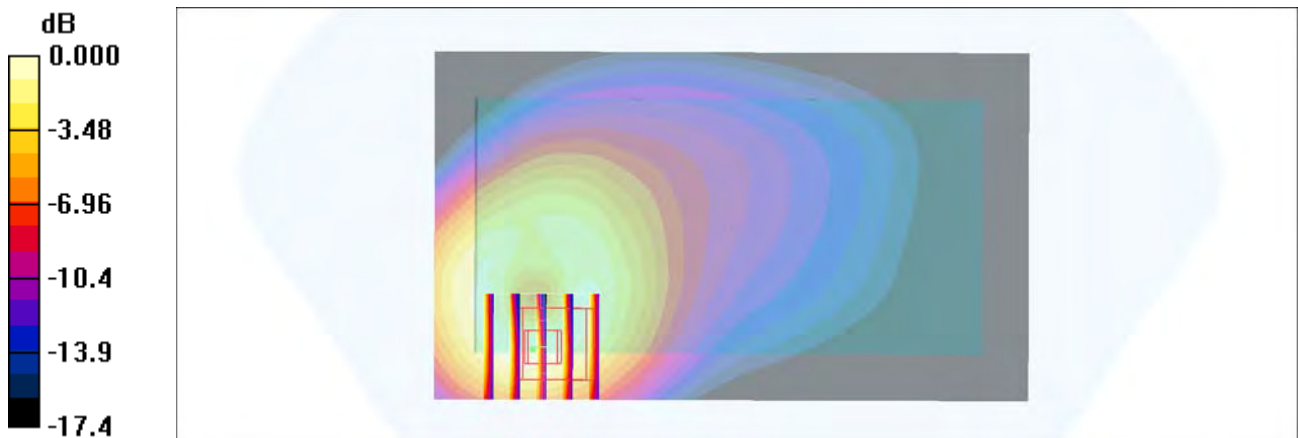
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.0 \text{ V/m}$ ; Power Drift =  $0.043 \text{ dB}$

Peak SAR (extrapolated) =  $1.43 \text{ W/kg}$

**SAR(1 g) =  $0.794 \text{ mW/g}$ ; SAR(10 g) =  $0.447 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.995 \text{ mW/g}$



0 dB =  $0.995\text{mW/g}$

### #38\_CDMA BC0\_1xRTT RC3 SO32\_Front\_10mm\_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_160421 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 1 \text{ mho/m}$ ;  $\epsilon_r = 57.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch777/Area Scan (71x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.12 \text{ mW/g}$

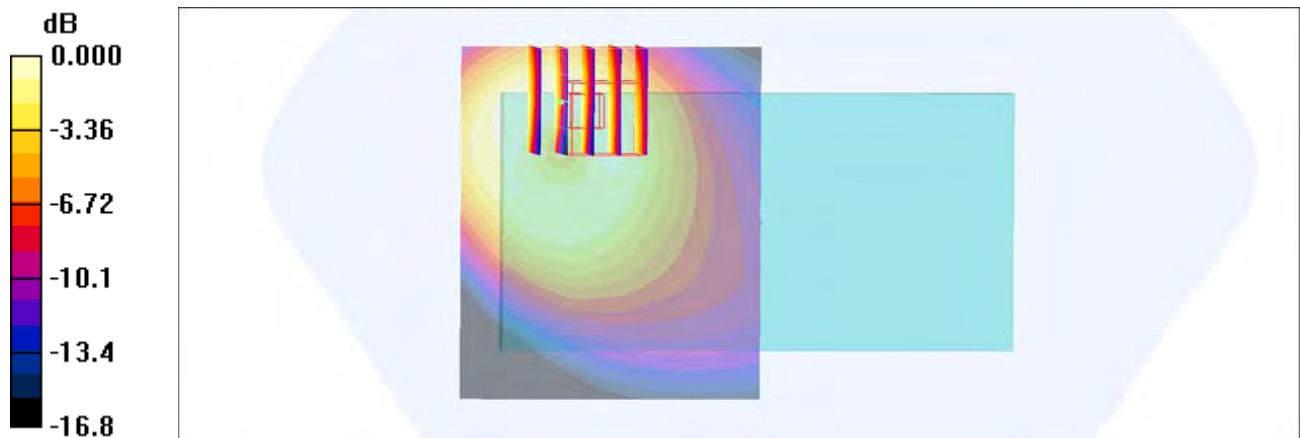
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $28.1 \text{ V/m}$ ; Power Drift =  $0.009 \text{ dB}$

Peak SAR (extrapolated) =  $1.62 \text{ W/kg}$

**SAR(1 g) =  $0.865 \text{ mW/g}$ ; SAR(10 g) =  $0.582 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.08 \text{ mW/g}$



0 dB =  $1.08\text{mW/g}$

### #39\_CDMA BC1\_1xRTT RC3 SO32\_Back\_10mm\_Ch1175

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

Medium: MSL\_1900\_160419 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.78, 4.78, 4.78); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch1175/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.49 mW/g

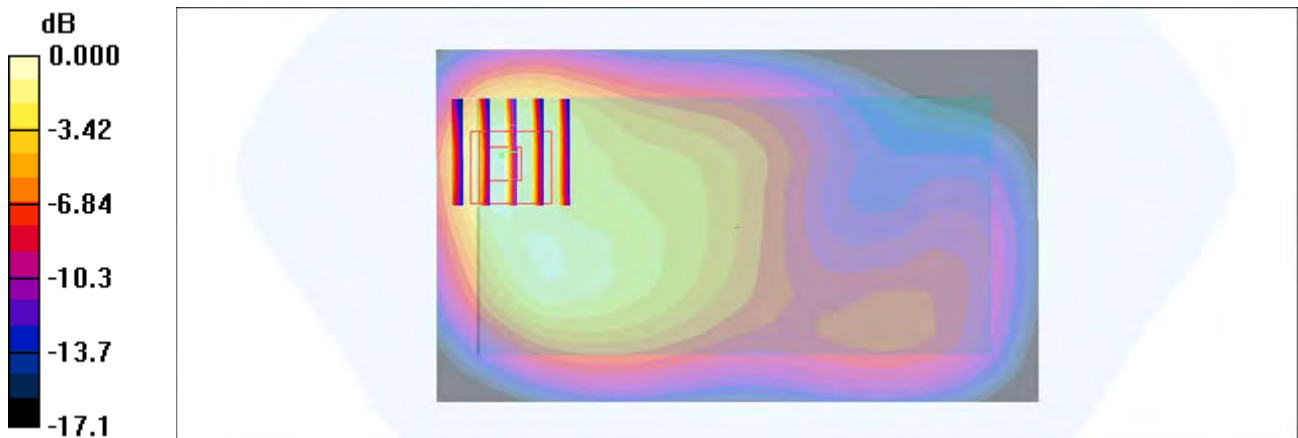
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.572 mW/g**

Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 1.39mW/g

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

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

Medium: MSL\_1900\_160416 Medium parameters used:  $f = 1860 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 55.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

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

**Ch18700/Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $1.36 \text{ mW/g}$

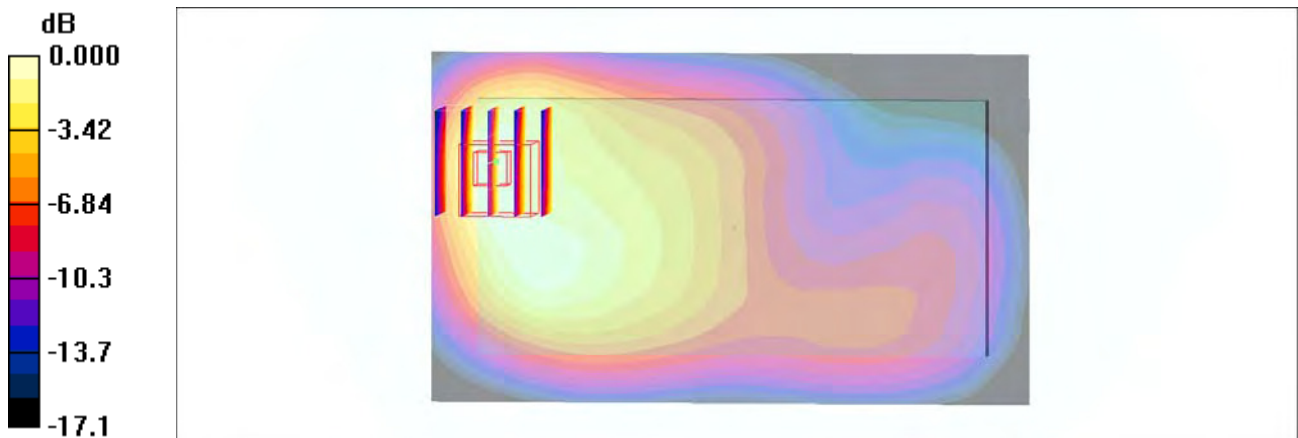
**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.4 \text{ V/m}$ ; Power Drift =  $0.022 \text{ dB}$

Peak SAR (extrapolated) =  $1.45 \text{ W/kg}$

**SAR(1 g) =  $0.902 \text{ mW/g}$ ; SAR(10 g) =  $0.532 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.26 \text{ mW/g}$



0 dB =  $1.26\text{mW/g}$

### #41\_LTE Band 4\_20M\_QPSK\_1\_0\_Front\_10mm\_Ch20175

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

Medium: MSL\_1750\_160417 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 52.8$ ;

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

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.95, 4.95, 4.95); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20175/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.855 mW/g

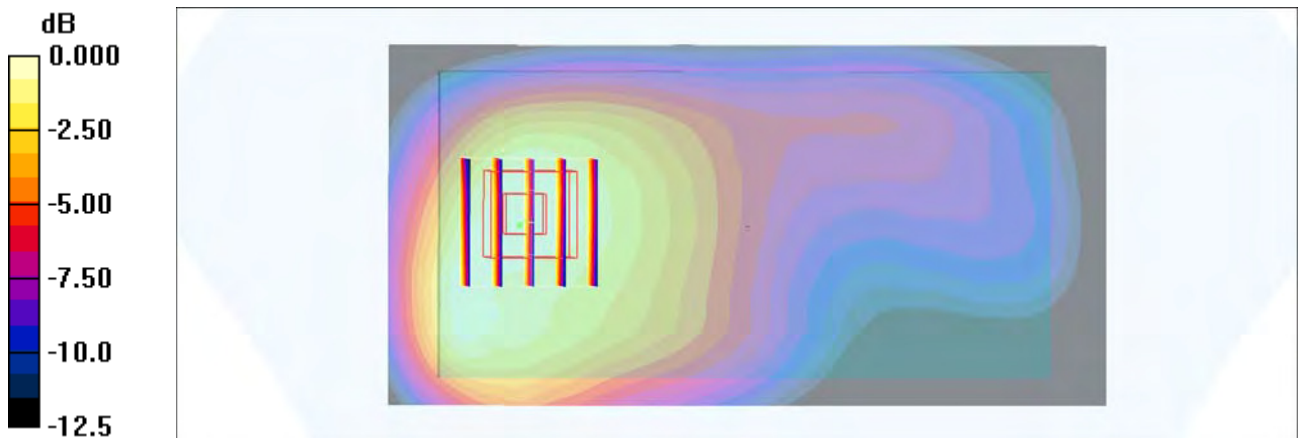
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.429 mW/g**

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.834mW/g

### #42\_LTE Band 5\_10M\_QPSK\_50\_0\_Back\_10mm\_Ch20525

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

Medium: MSL\_850\_160420 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.973$  mho/m;  $\epsilon_r = 57.6$ ;

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

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch20525/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.887 mW/g

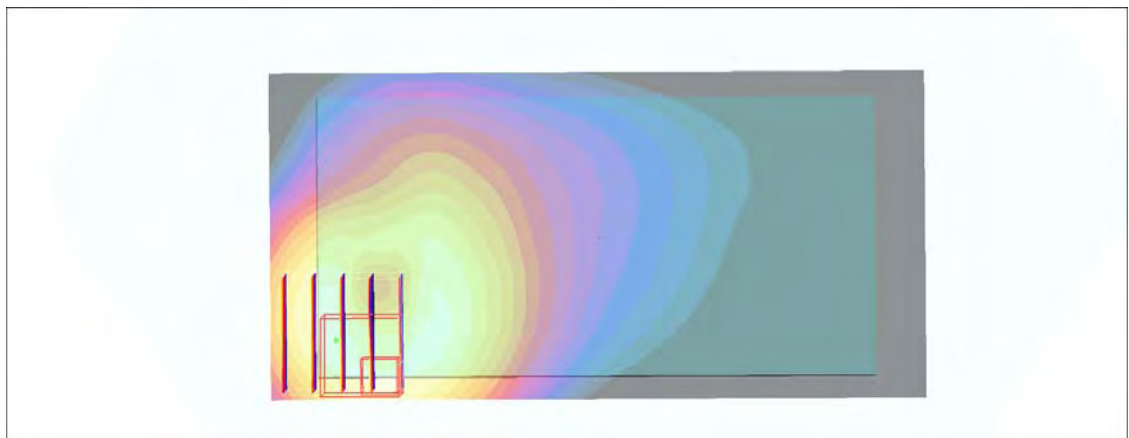
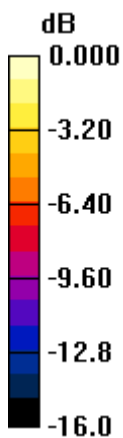
**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.7 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.423 mW/g**

Maximum value of SAR (measured) = 0.965 mW/g



0 dB = 0.965mW/g

### #43\_LTE Band 7\_20M\_QPSK\_1\_99\_Back\_10mm\_Ch21350

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

Medium: MSL\_2600\_160416 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.13$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

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

**Ch21350/Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.26 mW/g

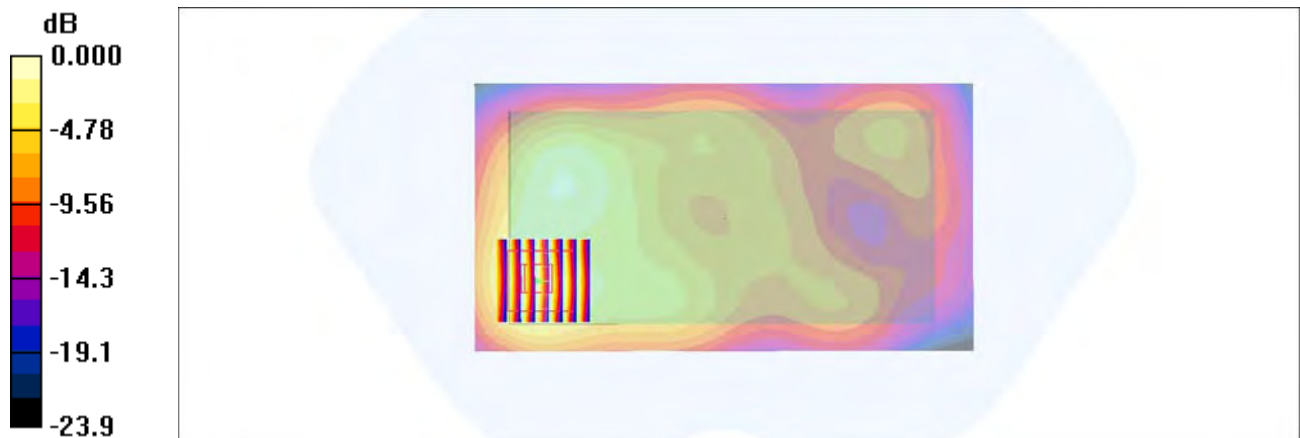
**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.436 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

### #44\_LTE Band 13\_10M\_QPSK\_50\_0\_Front\_10mm\_Ch23230

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

Medium: MSL\_750\_160419 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.987 \text{ mho/m}$ ;  $\epsilon_r = 55.3$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.3, 6.3, 6.3); Calibrated: 2015/9/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Ch23230/Area Scan (61x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.825 \text{ mW/g}$

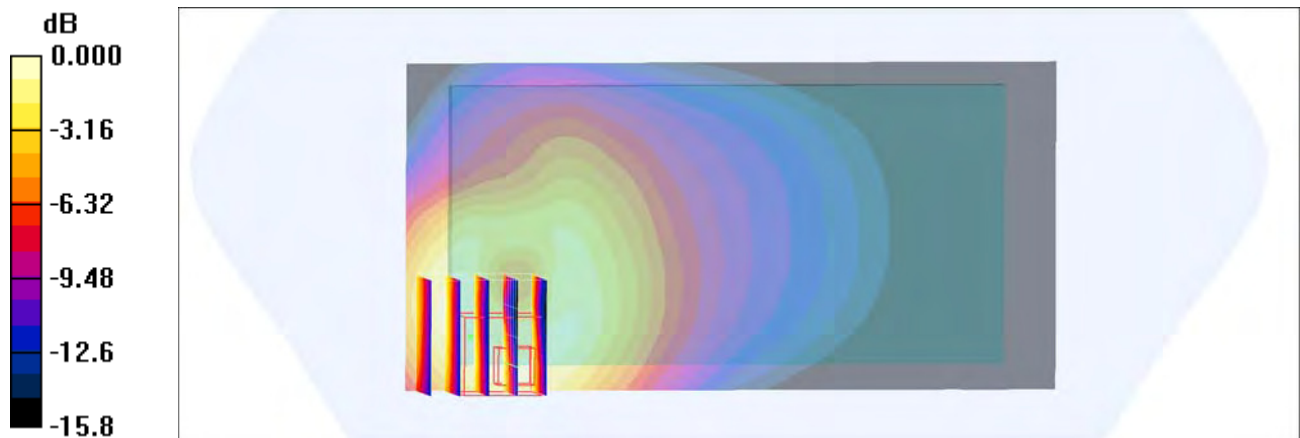
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $26.6 \text{ V/m}$ ; Power Drift =  $-0.020 \text{ dB}$

Peak SAR (extrapolated) =  $1.28 \text{ W/kg}$

**SAR(1 g) =  $0.685 \text{ mW/g}$ ; SAR(10 g) =  $0.382 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.864 \text{ mW/g}$



### #45\_WLAN 2.4GHz\_802.11b 1Mbps\_Front\_10mm\_Ch11;Ant 1

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.01

Medium: MSL\_2450\_160417 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.03$  S/m;  $\epsilon_r = 53.274$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch11/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

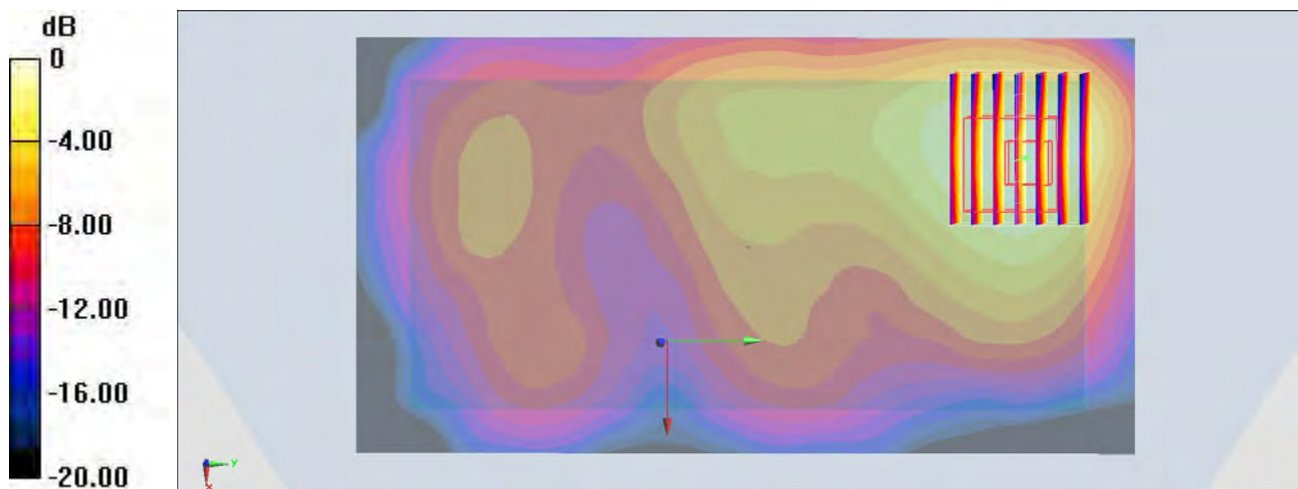
**Configuration/Ch11/Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

### #46\_WLAN5GHz\_802.11a 6Mbps\_Front\_10mm\_Ch52;Ant 1

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.053

Medium: MSL\_5G\_160610 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.539$  S/m;  $\epsilon_r = 49.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.22, 4.22, 4.22); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.377 W/kg

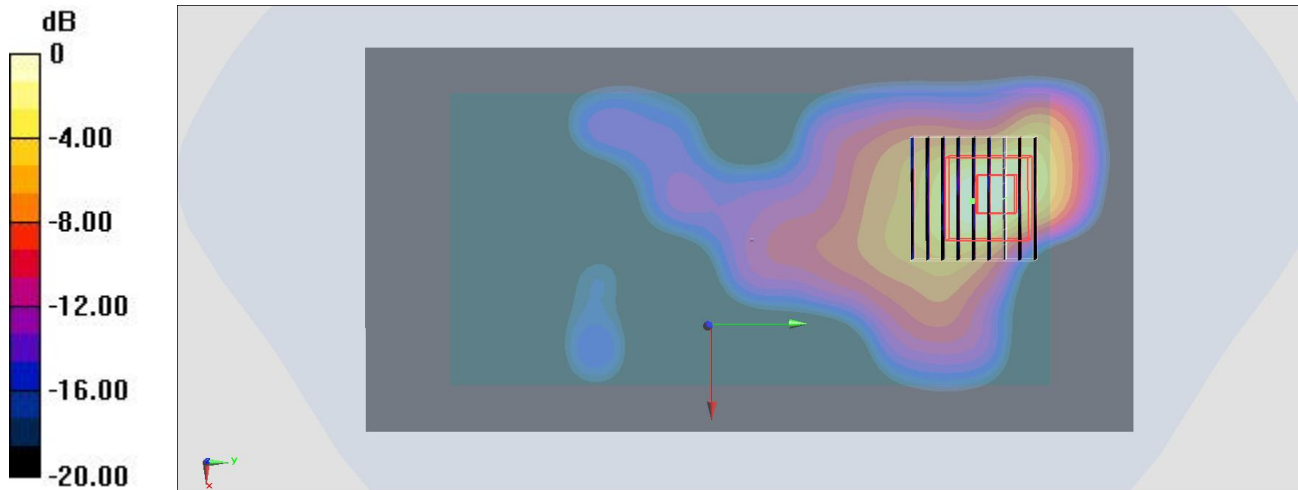
**Configuration/Ch52/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.632 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.710 W/kg

**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

### #47\_WLAN5GHz\_802.11a 6Mbps\_Front\_10mm\_Ch100;Ant 1

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.053

Medium: MSL\_5G\_160610 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.842$  S/m;  $\epsilon_r = 48.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.02, 4.02, 4.02); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch100/Area Scan (101x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.741 W/kg

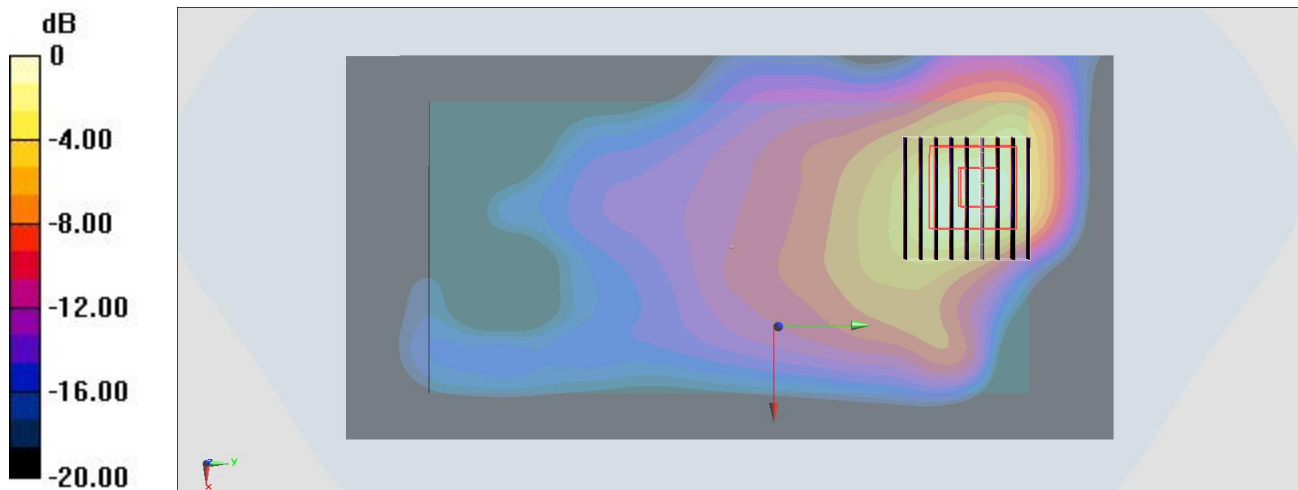
**Configuration/Ch100/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.495 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.84 W/kg

**SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.099 W/kg**

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



0 dB = 0.741 W/kg = -1.30 dBW/kg

## #48\_WLAN5GHz\_802.11a 6Mbps\_Front\_10mm\_Ch149;Ant 1

Communication System: 802.11a ; Frequency: 5745 MHz;Duty Cycle: 1:1.053

Medium: MSL\_5G\_160422 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.223$  S/m;  $\epsilon_r = 45.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch149/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.242 W/kg

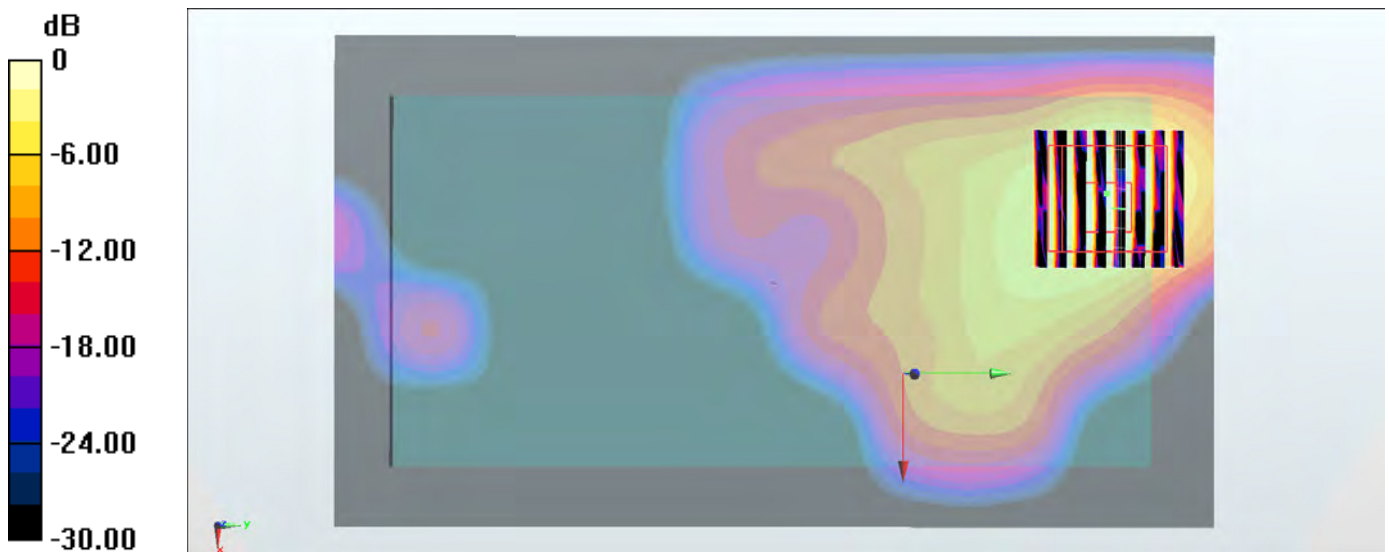
Configuration/Ch149/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.811 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

## #49\_Bluetooth\_1Mbps\_Front\_10mm\_Ch39

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

Medium: MSL\_2450\_160429 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.995$  S/m;  $\epsilon_r = 53.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch39/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0242 W/kg

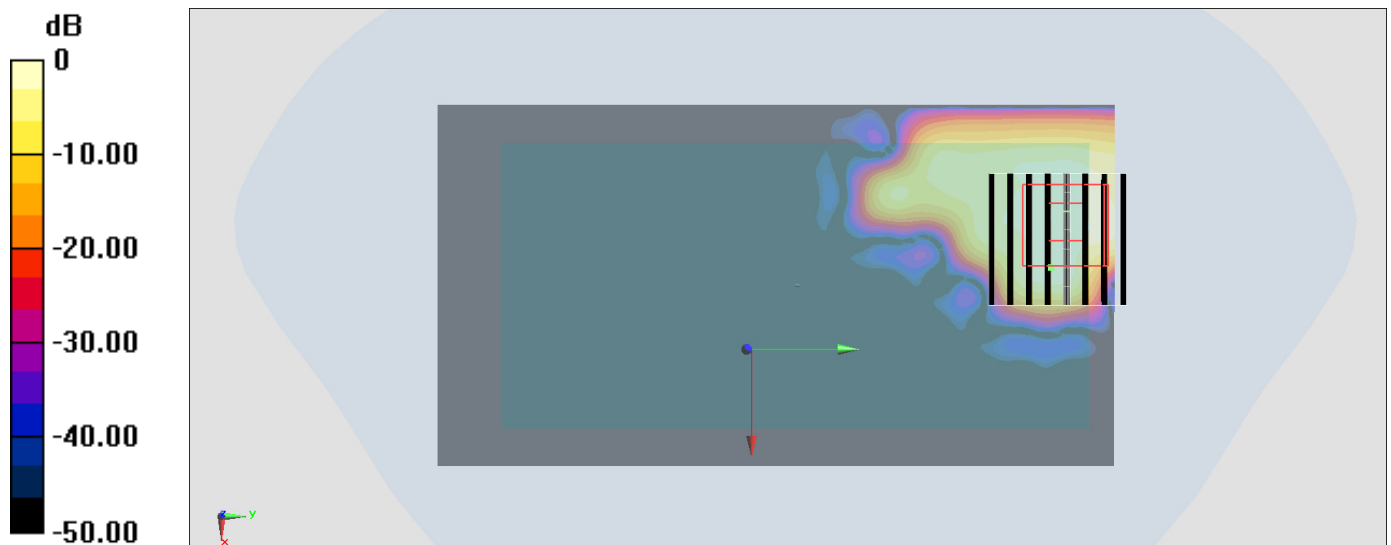
**Configuration/Ch39/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.394 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0310 W/kg

**SAR(1 g) = 0.00901 W/kg; SAR(10 g) = 0.00262 W/kg**

Maximum value of SAR (measured) = 0.0172 W/kg



0 dB = 0.0242 W/kg = -16.16 dBW/kg