

### #36\_GSM850\_GSM Voice\_Right Cheek\_Ch251

**DUT: 310457**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_130412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 42.794$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.334 mW/g

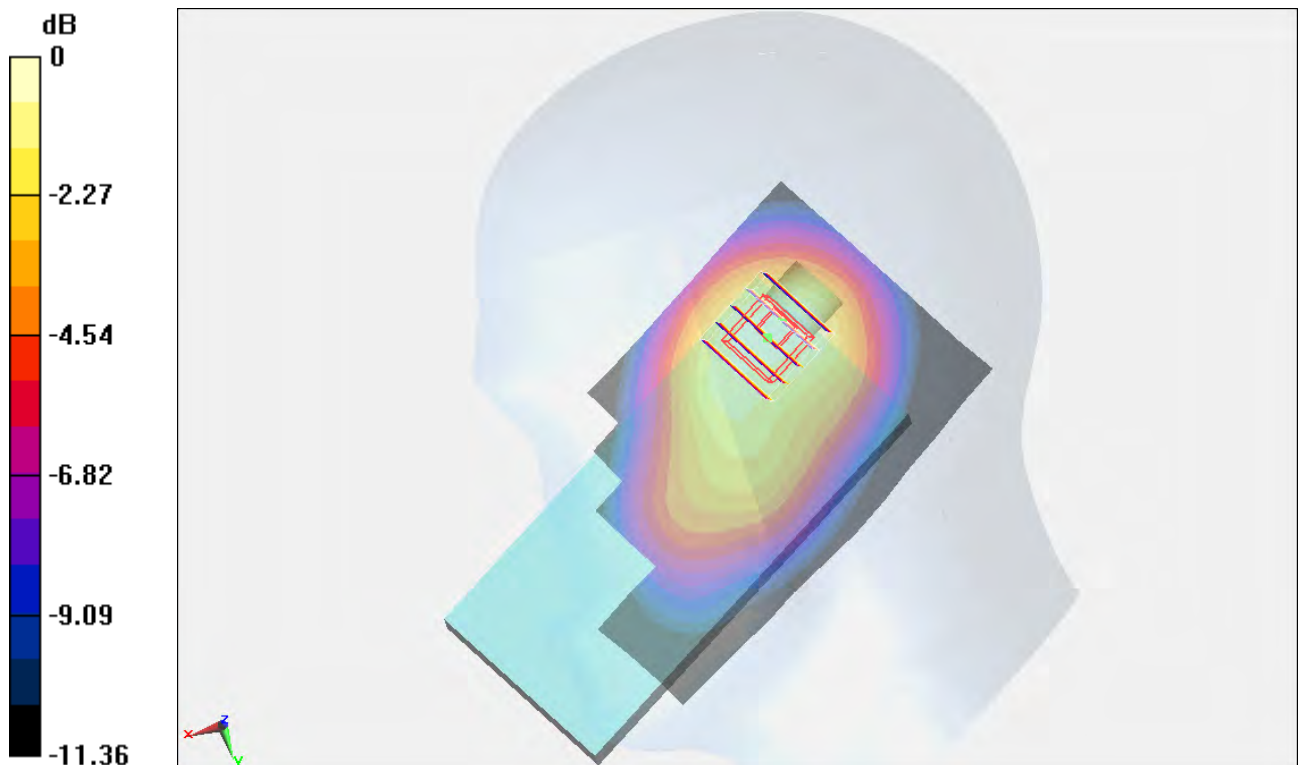
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.645 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.469 mW/g

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.225 mW/g**

Maximum value of SAR (measured) = 0.351 mW/g



0 dB = 0.351 mW/g = -9.09 dB mW/g

## #37\_GSM850\_GSM Voice\_Right Tilted\_Ch251

**DUT: 310457**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_130412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 42.794$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.317 mW/g

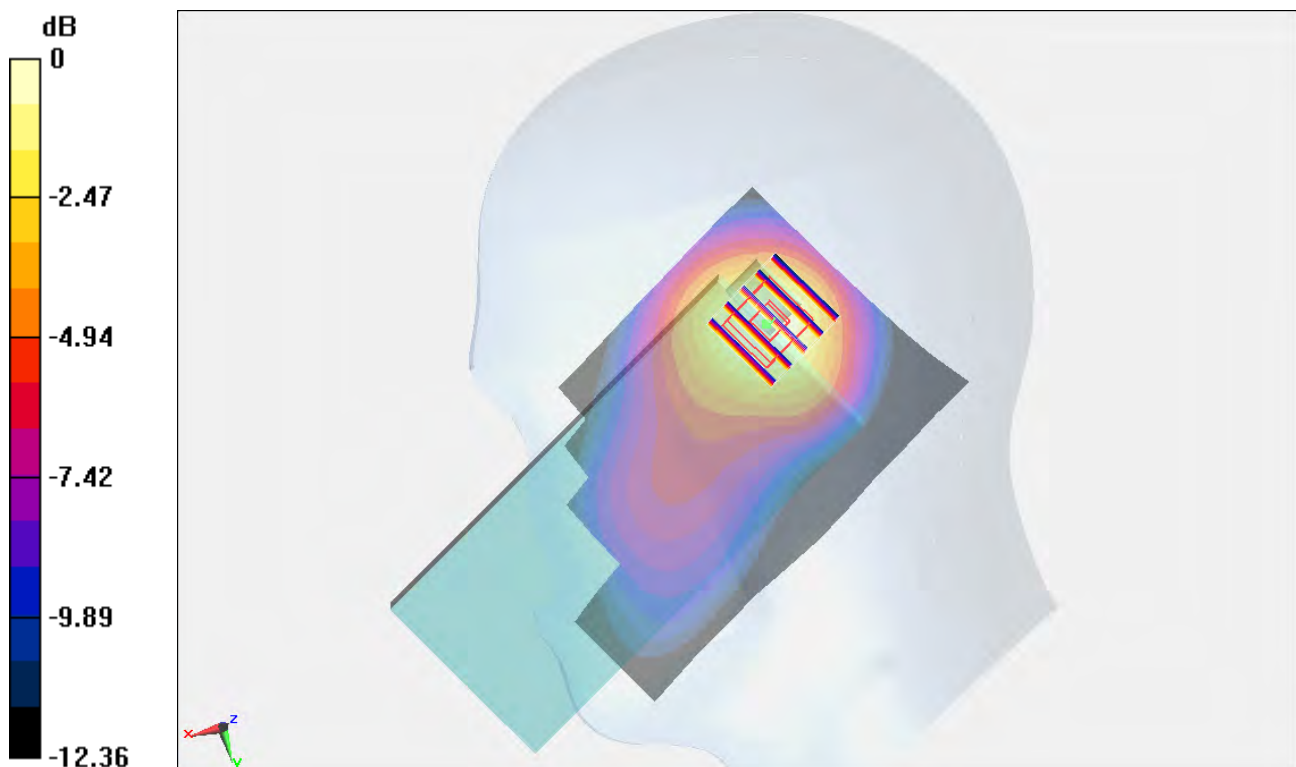
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.241 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.452 mW/g

**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.326 mW/g = -9.74 dB mW/g

### #34\_GSM850\_GSM Voice\_Left Cheek\_Ch251

**DUT: 310457**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3  
 Medium: HSL\_850\_130412 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 42.794$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $22.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.6 \text{ }^\circ\text{C}$

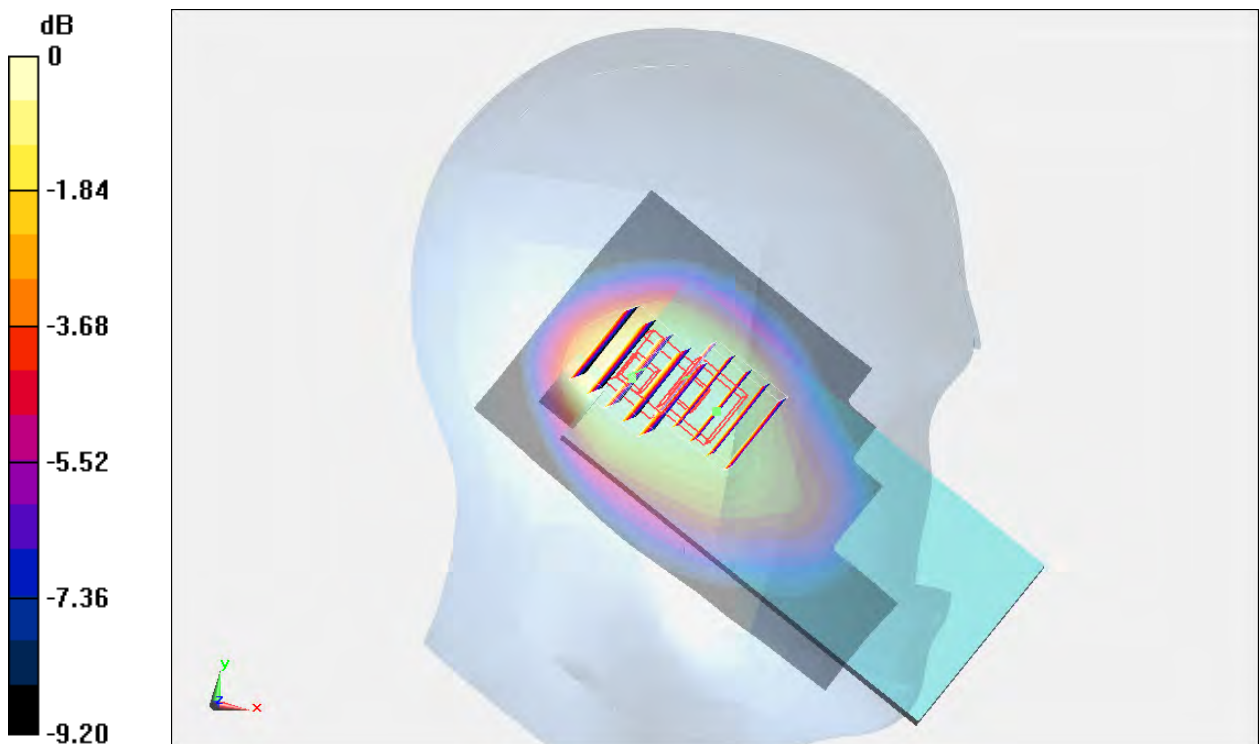
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (71x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) =  $0.290 \text{ mW/g}$

**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $3.560 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.386 \text{ mW/g}$   
**SAR(1 g) =  $0.281 \text{ mW/g}$ ; SAR(10 g) =  $0.196 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.303 \text{ mW/g}$

**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $3.560 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.316 \text{ mW/g}$   
**SAR(1 g) =  $0.252 \text{ mW/g}$ ; SAR(10 g) =  $0.186 \text{ mW/g}$**   
 Maximum value of SAR (measured) =  $0.269 \text{ mW/g}$



0 dB =  $0.269 \text{ mW/g}$  =  $-11.40 \text{ dB mW/g}$

### #35\_GSM850\_GSM Voice\_Left Tilted\_Ch251

**DUT: 310457**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_130412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 42.794$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.273 mW/g

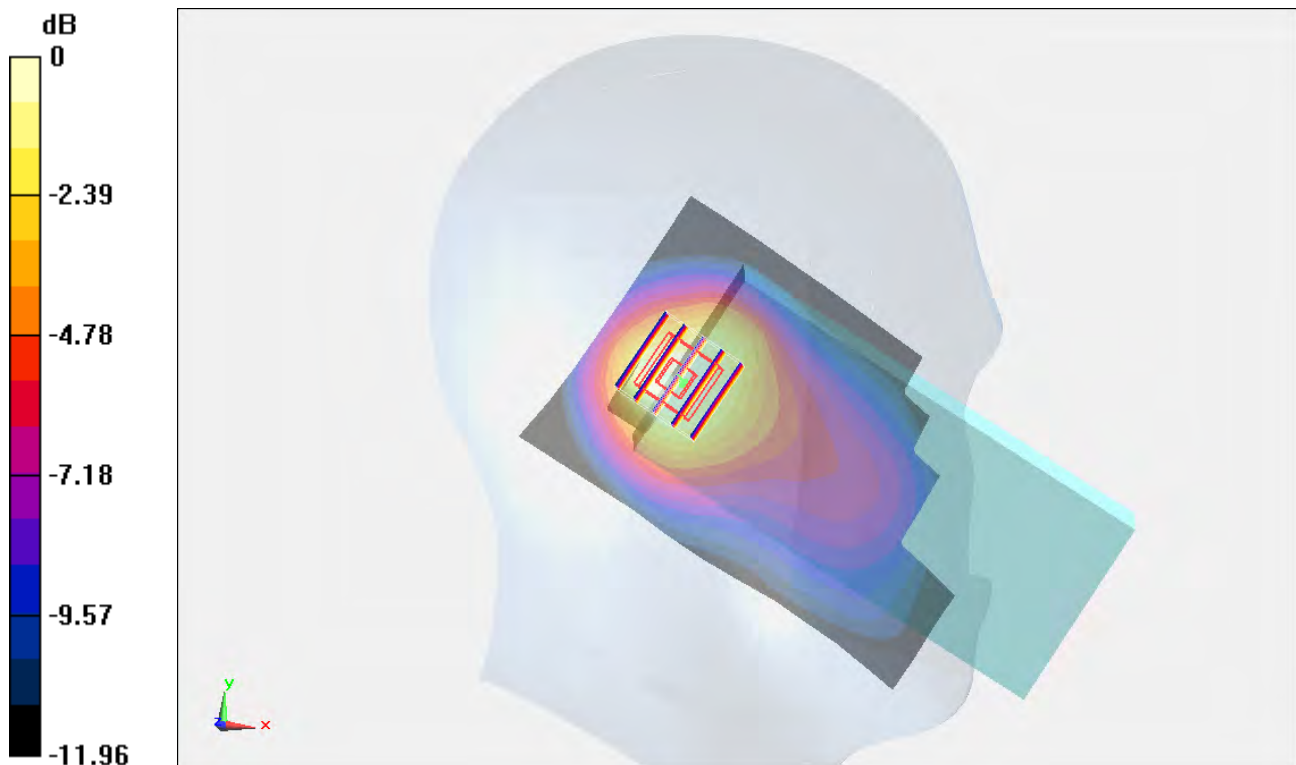
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.766 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.373 mW/g

**SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.167 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.276 mW/g = -11.18 dB mW/g

## #05\_GSM1900\_GSM Voice\_Right Cheek\_Ch661

**DUT: 310457**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_130311 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.422$  mho/m;  $\epsilon_r = 40.633$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch661/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.717 mW/g

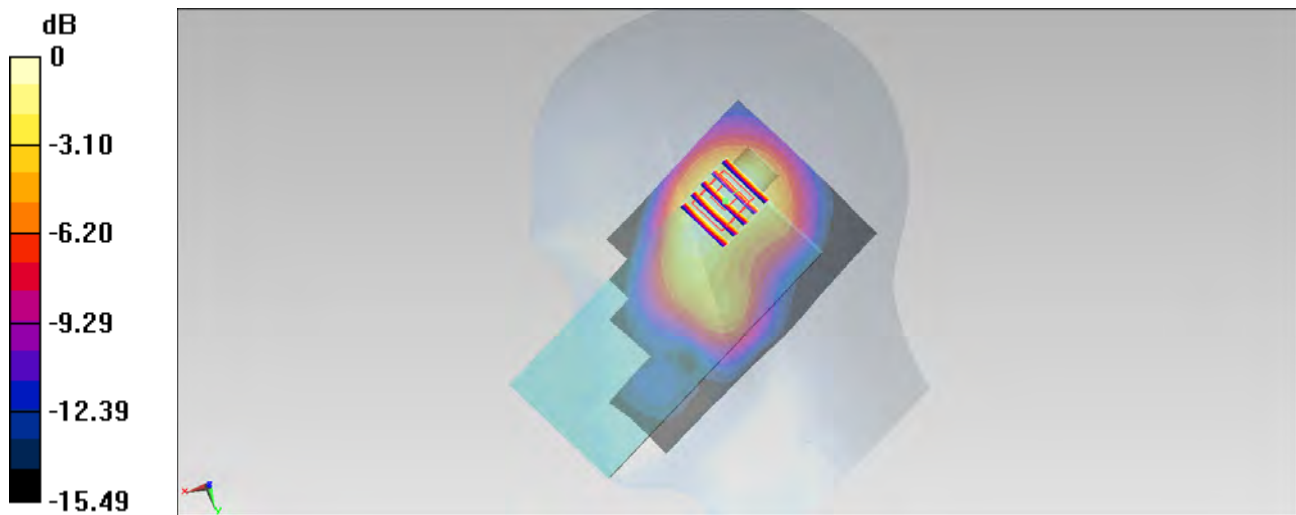
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 22.230 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.903 mW/g

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.650 mW/g = -3.74 dB mW/g

## #06\_GSM1900\_GSM Voice\_Right Tilted\_Ch661

**DUT: 310457**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_130311 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.422$  mho/m;  $\epsilon_r = 40.633$ ;  $\rho$

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch661/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.742 mW/g

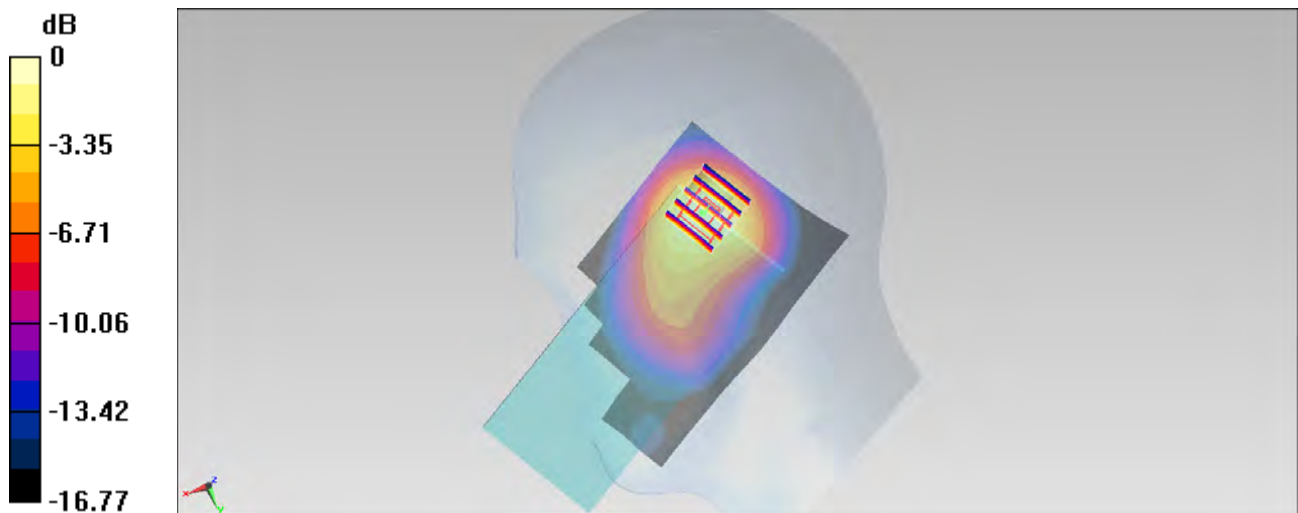
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 22.934 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.988 mW/g

**SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.329 mW/g**

Maximum value of SAR (measured) = 0.709 mW/g



0 dB = 0.709 mW/g = -2.99 dB mW/g

## #07\_GSM1900\_GSM Voice\_Left Cheek\_Ch661

**DUT: 310457**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_130311 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.422$  mho/m;  $\epsilon_r = 40.633$ ;  $\rho$

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch661/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.547 mW/g

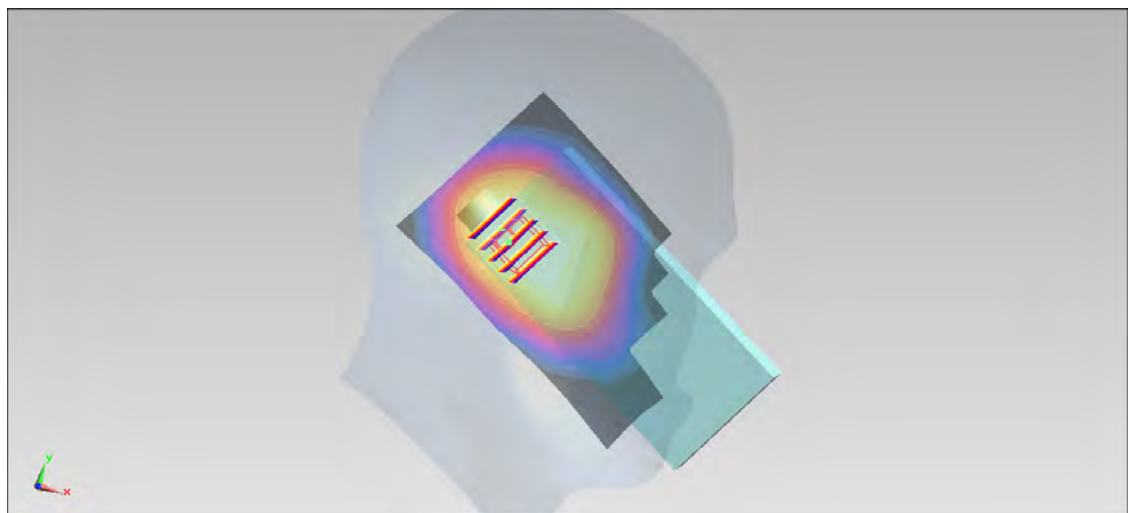
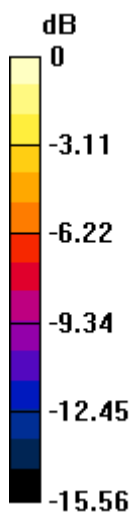
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 19.557 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.680 mW/g

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.508 mW/g



0 dB = 0.508 mW/g = -5.88 dB mW/g

## #08\_GSM1900\_GSM Voice\_Left Tilted\_Ch661

**DUT: 310457**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_130311 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.422$  mho/m;  $\epsilon_r = 40.633$ ;  $\rho$

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch661/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.607 mW/g

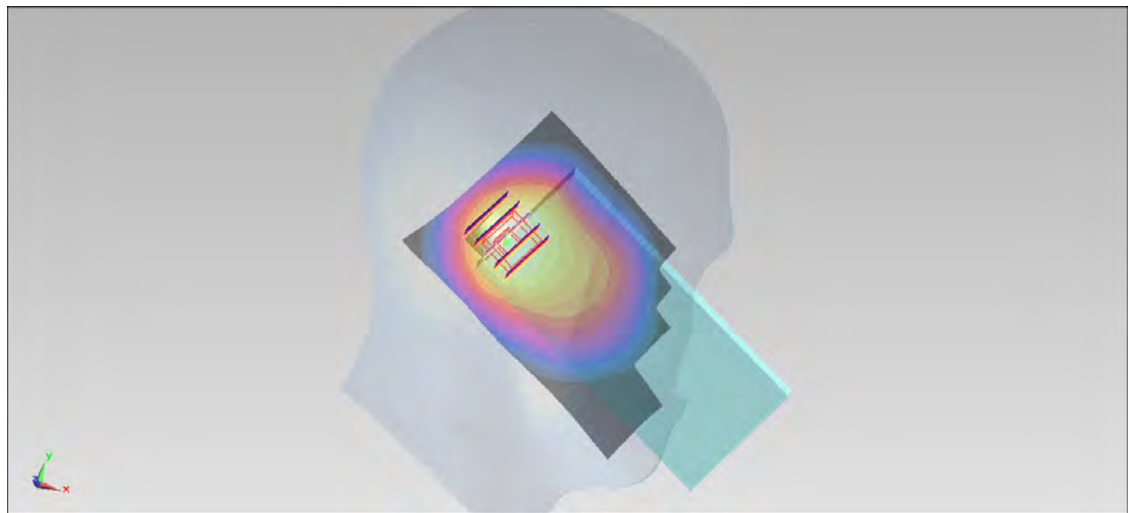
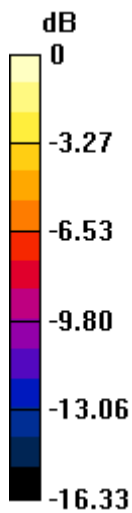
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 20.546 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.781 mW/g

**SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.282 mW/g**

Maximum value of SAR (measured) = 0.574 mW/g



0 dB = 0.574 mW/g = -4.82 dB mW/g



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

**DUT: 310457**

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

Medium: HSL\_850\_130412 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 42.95$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4182/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.341 mW/g

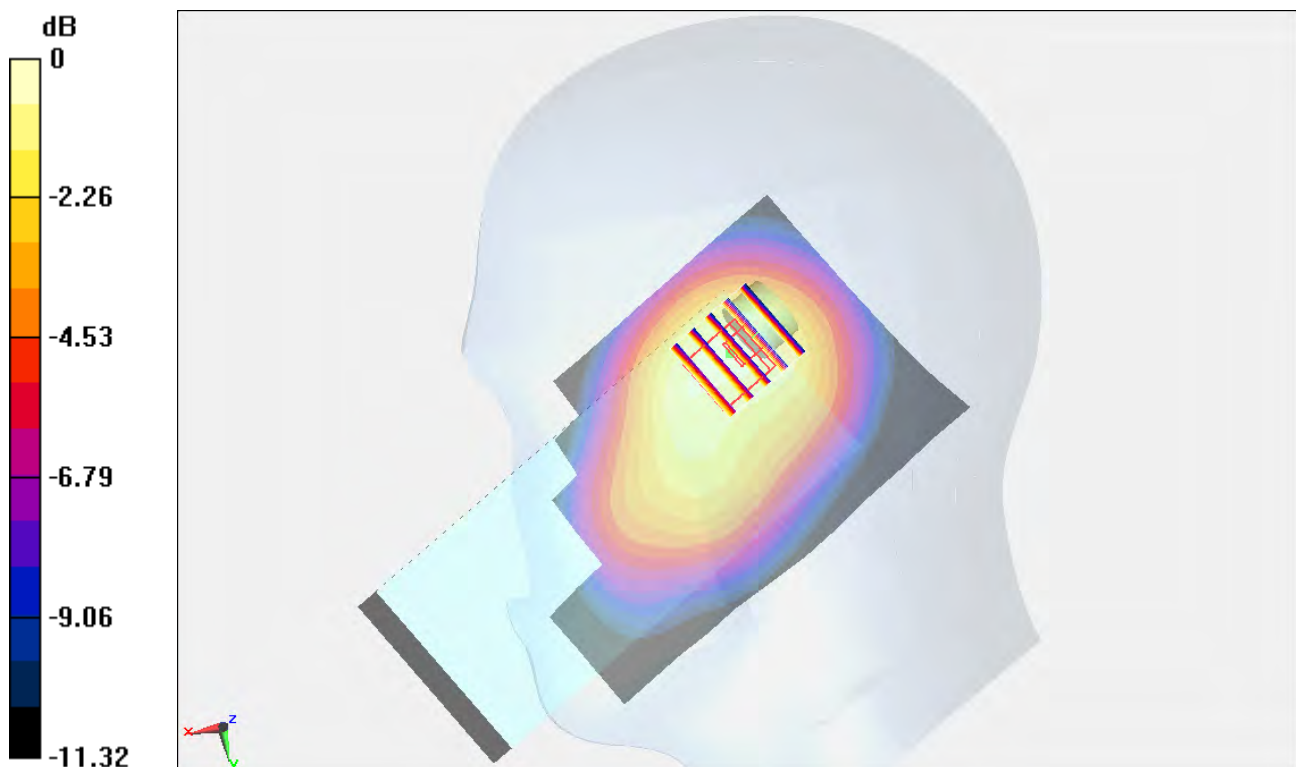
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.345 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.487 mW/g

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.240 mW/g**

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368 mW/g = -8.68 dB mW/g

### #39\_WCDMA V\_RMC 12.2Kbps\_Right Tilted\_Ch4182

**DUT: 310457**

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

Medium: HSL\_850\_130412 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 42.95$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4182/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.333 mW/g

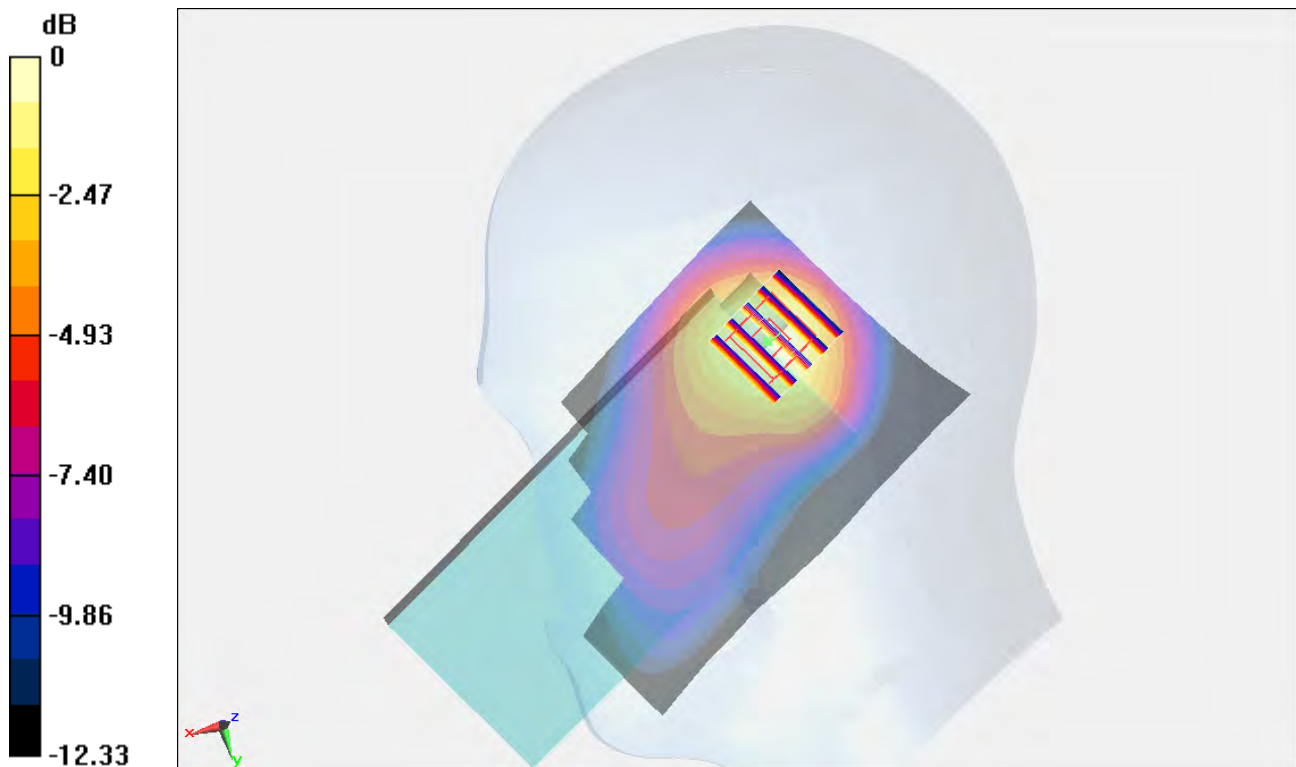
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.046 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.487 mW/g

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.356 mW/g = -8.97 dB mW/g

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

**DUT: 310457**

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

Medium: HSL\_850\_130412 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 42.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

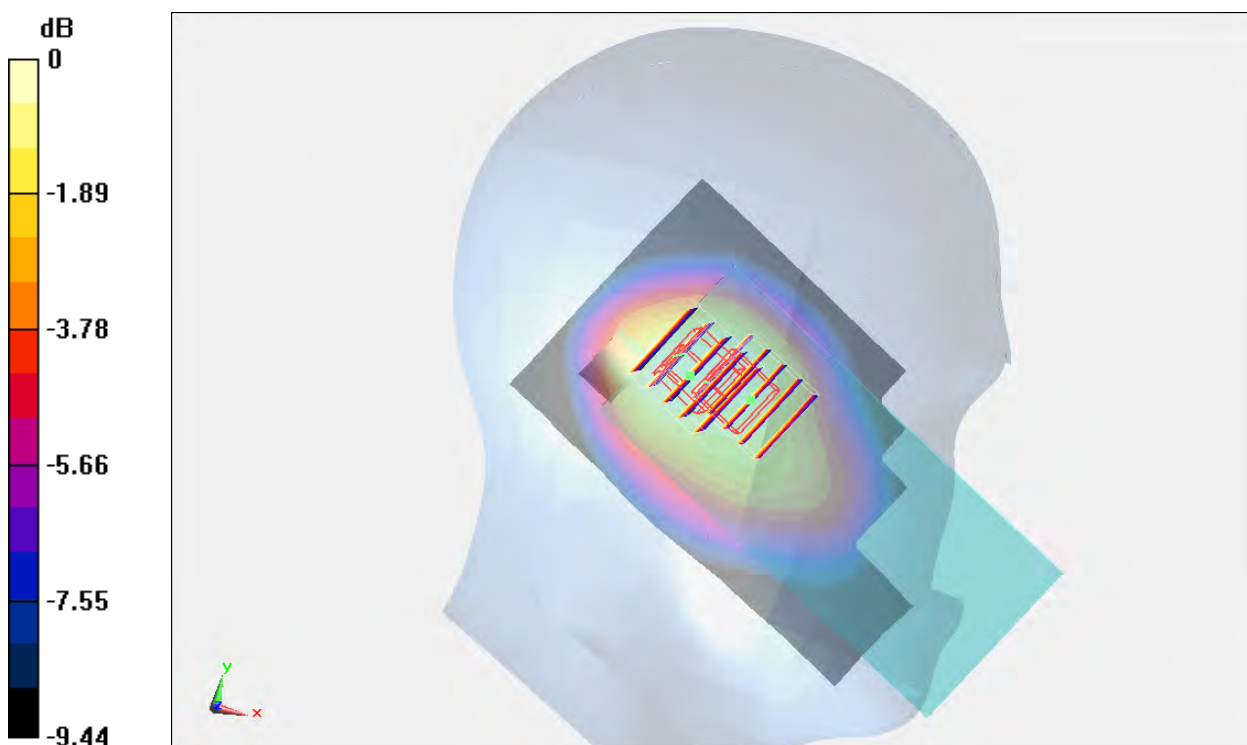
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4182/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.312 mW/g

**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.256 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.444 mW/g  
**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.229 mW/g**  
Maximum value of SAR (measured) = 0.343 mW/g

**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.256 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.389 mW/g  
**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.227 mW/g**  
Maximum value of SAR (measured) = 0.323 mW/g



0 dB = 0.323 mW/g = -9.82 dB mW/g

## #41\_WCDMA V\_RMC 12.2Kbps\_Left Tilted\_Ch4182

**DUT: 310457**

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

Medium: HSL\_850\_130412 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 42.95$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4182/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.305 mW/g

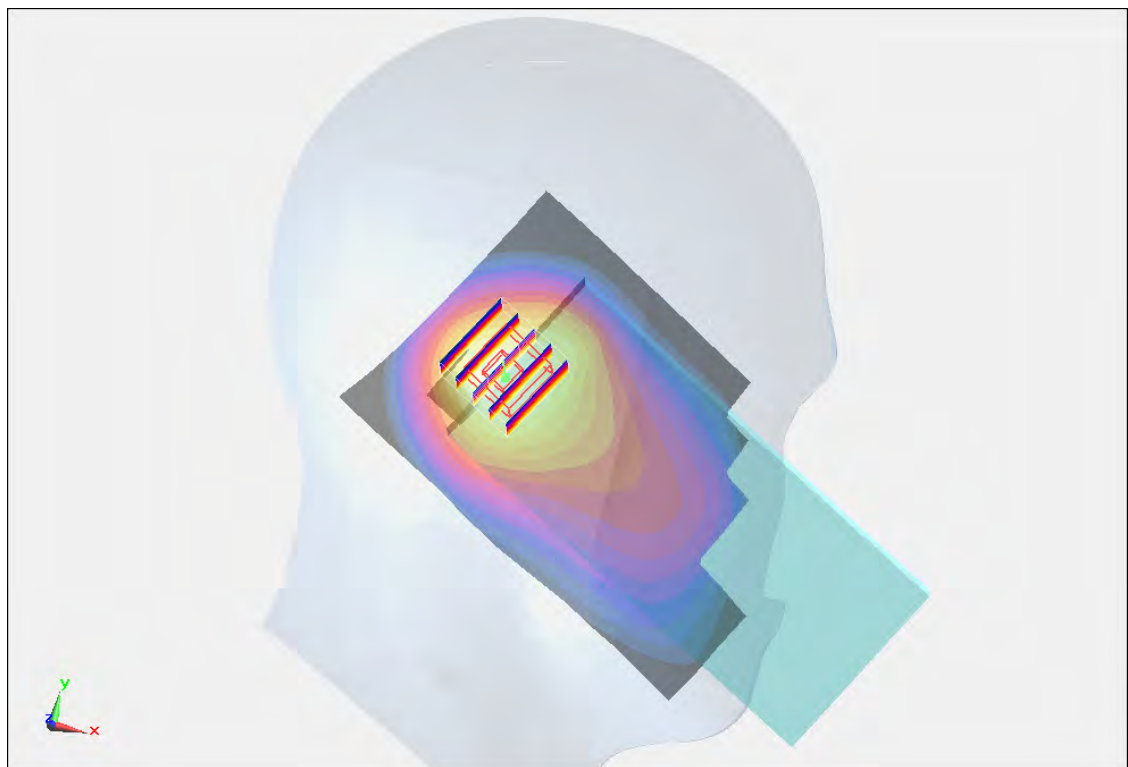
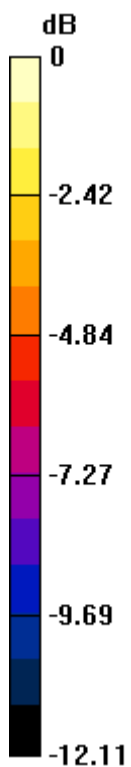
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.605 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.417 mW/g

**SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.311 mW/g = -10.14 dB mW/g

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

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.415$  mho/m;  $\epsilon_r = 40.164$ ;

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.45 mW/g

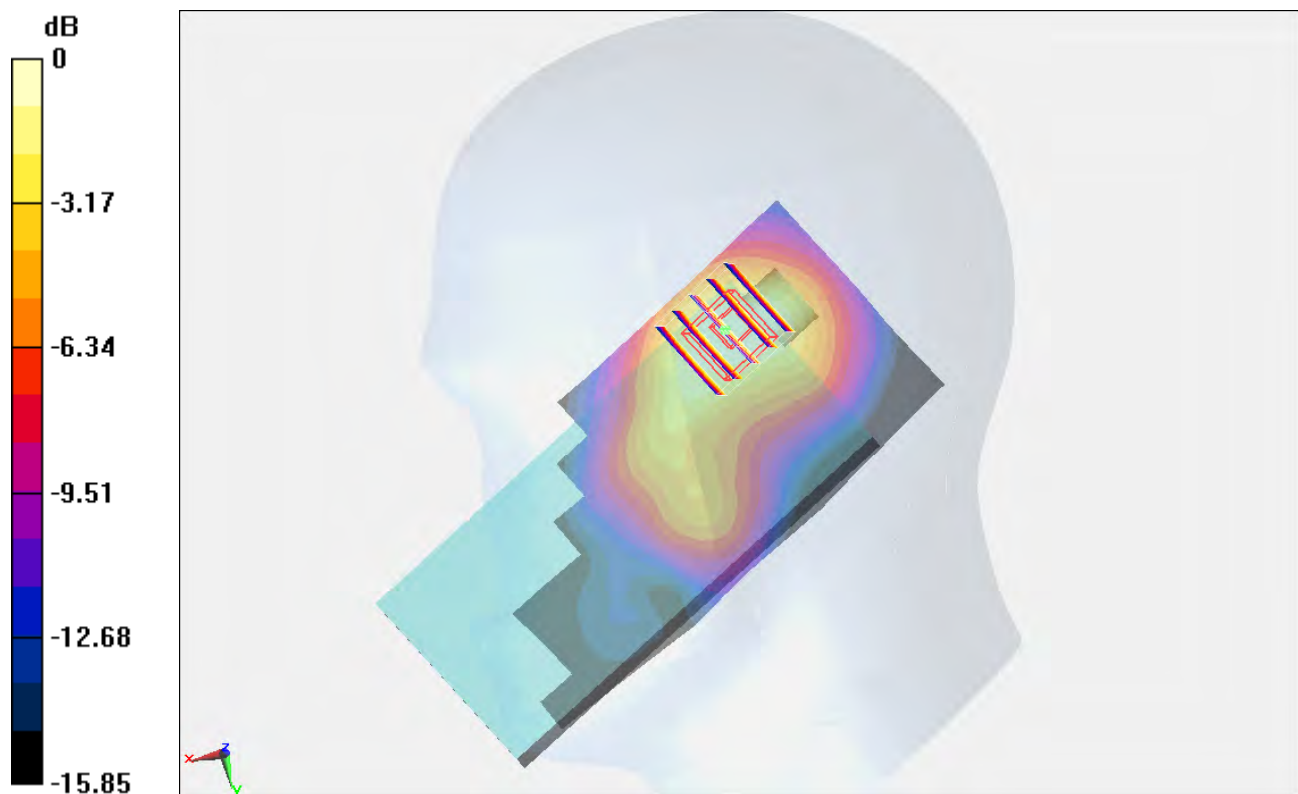
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.483 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.858 mW/g

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.775 mW/g**

Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38 mW/g = 2.80 dB mW/g

### #33\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9262;Repeat

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.415$  mho/m;  $\epsilon_r = 40.164$ ;

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.28 mW/g

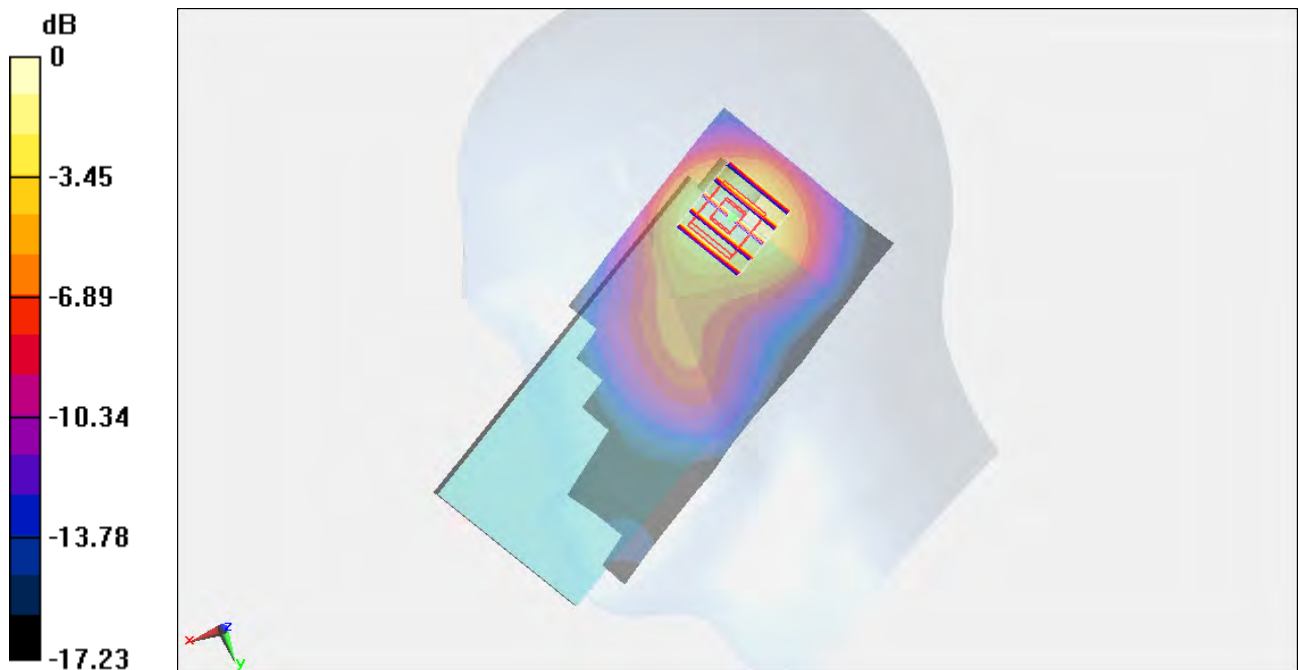
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.760 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.798 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.653 mW/g**

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



0 dB = 1.25 mW/g = 1.94 dB mW/g

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

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.065$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.13 mW/g

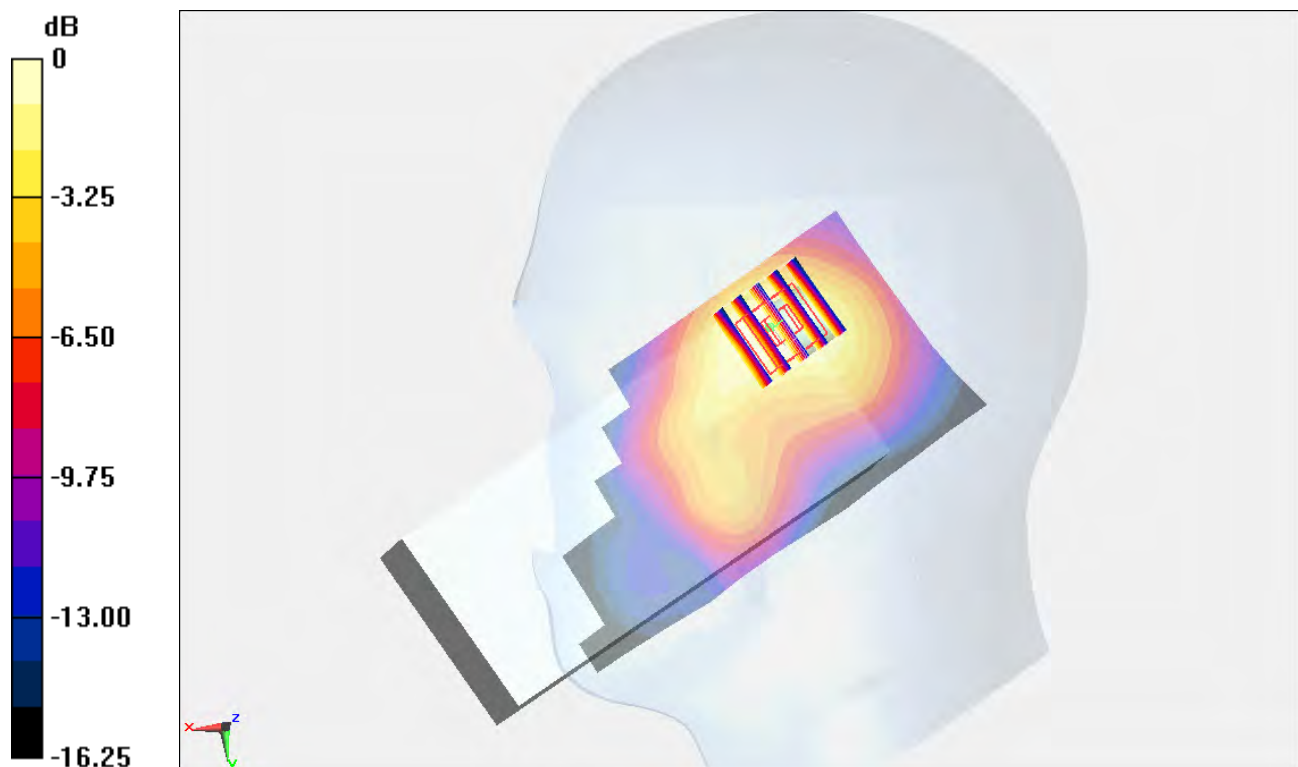
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.489 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.534 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.614 mW/g**

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



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

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

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.454$  mho/m;  $\epsilon_r = 39.674$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.825 mW/g

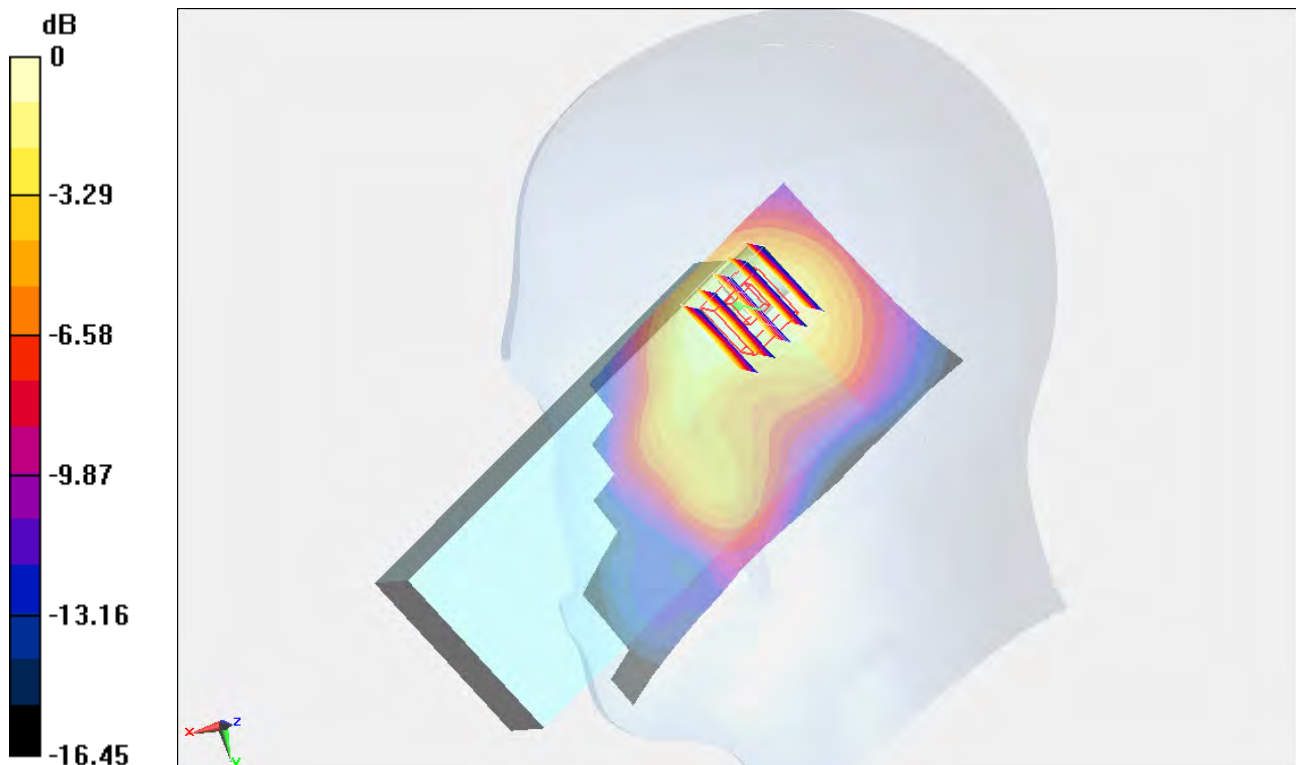
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.168 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.124 mW/g

**SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.444 mW/g**

Maximum value of SAR (measured) = 0.794 mW/g



0 dB = 0.794 mW/g = -2.00 dB mW/g



## #24\_WCDMA II\_RMC 12.2Kbps\_Right Tilted\_Ch9262

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.415$  mho/m;  $\epsilon_r = 40.164$ ;

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.61 mW/g

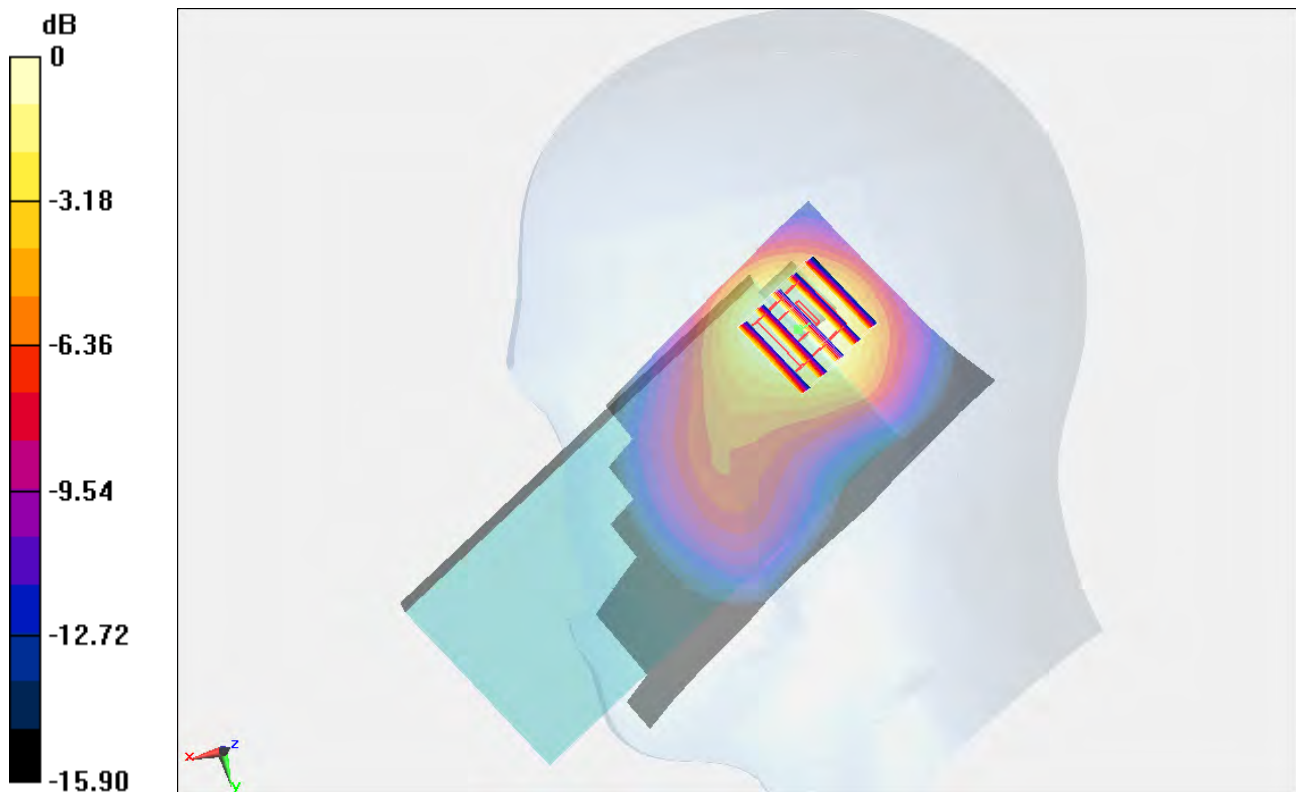
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.194 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.820 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.696 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29 mW/g = 2.21 dB mW/g

## #25\_WCDMA II\_RMC 12.2Kbps\_Right Tilted\_Ch9400

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.065$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.38 mW/g

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

Reference Value = 31.470 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.931 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.702 mW/g**

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36 mW/g = 2.67 dB mW/g

## #26\_WCDMA II\_RMC 12.2Kbps\_Right Tilted\_Ch9538

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.454$  mho/m;  $\epsilon_r = 39.674$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.08 mW/g

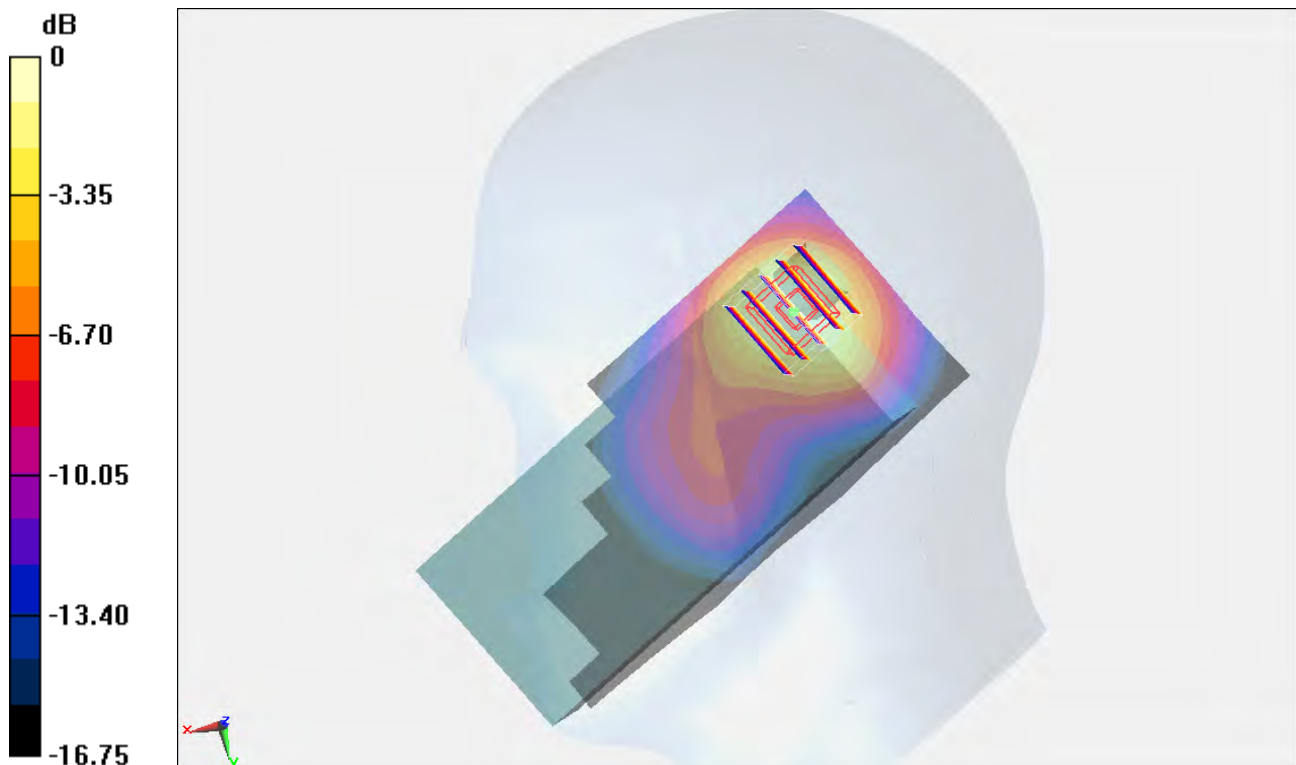
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.755 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.544 mW/g

**SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.553 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07 mW/g = 0.59 dB mW/g

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

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.415$  mho/m;  $\epsilon_r = 40.164$ ;

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.977 mW/g

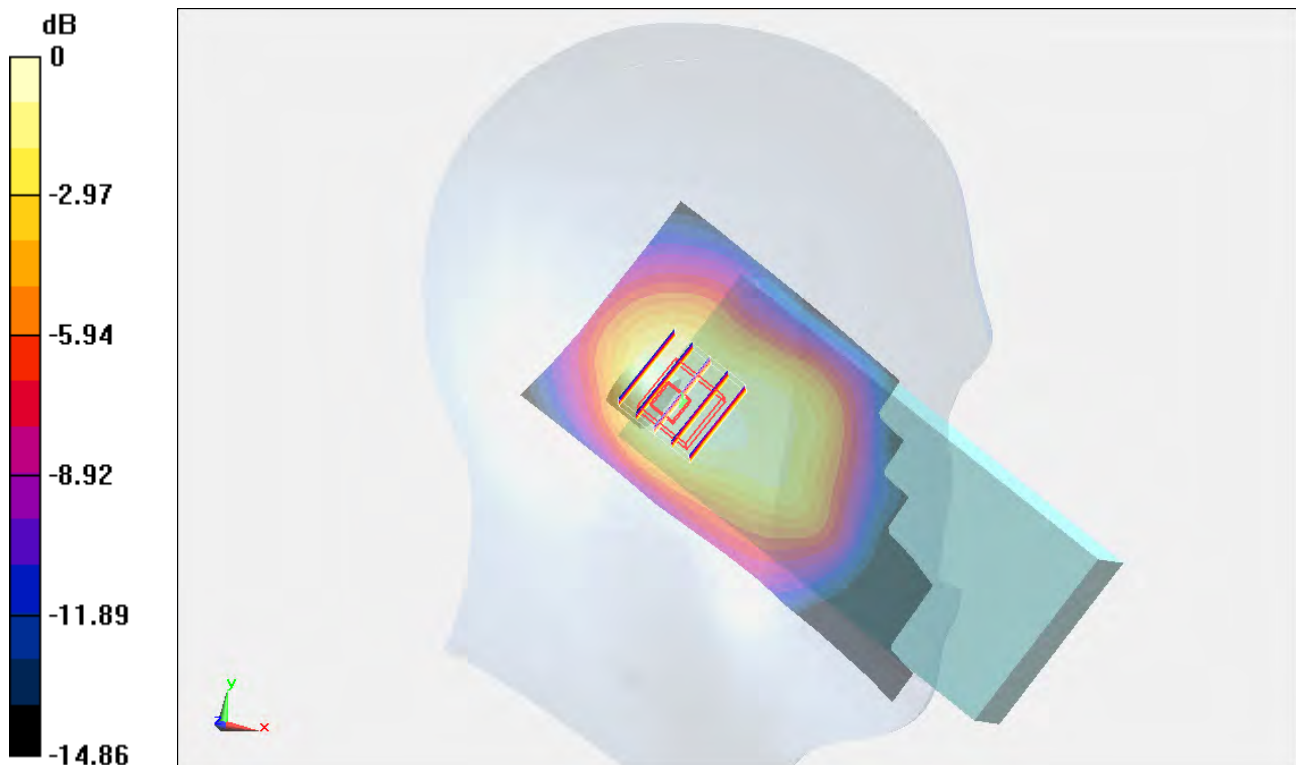
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.139 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.282 mW/g

**SAR(1 g) = 0.900 mW/g; SAR(10 g) = 0.566 mW/g**

Maximum value of SAR (measured) = 0.954 mW/g



0 dB = 0.954 mW/g = -0.41 dB mW/g

## #28\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9400

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.065$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.802 mW/g

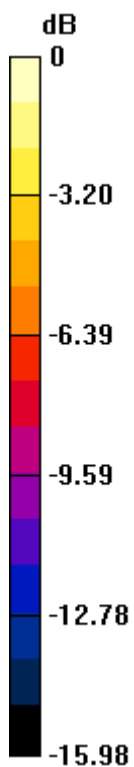
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.443 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.092 mW/g

**SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.465 mW/g**

Maximum value of SAR (measured) = 0.802 mW/g



0 dB = 0.802 mW/g = -1.92 dB mW/g

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

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.454$  mho/m;  $\epsilon_r = 39.674$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.642 mW/g

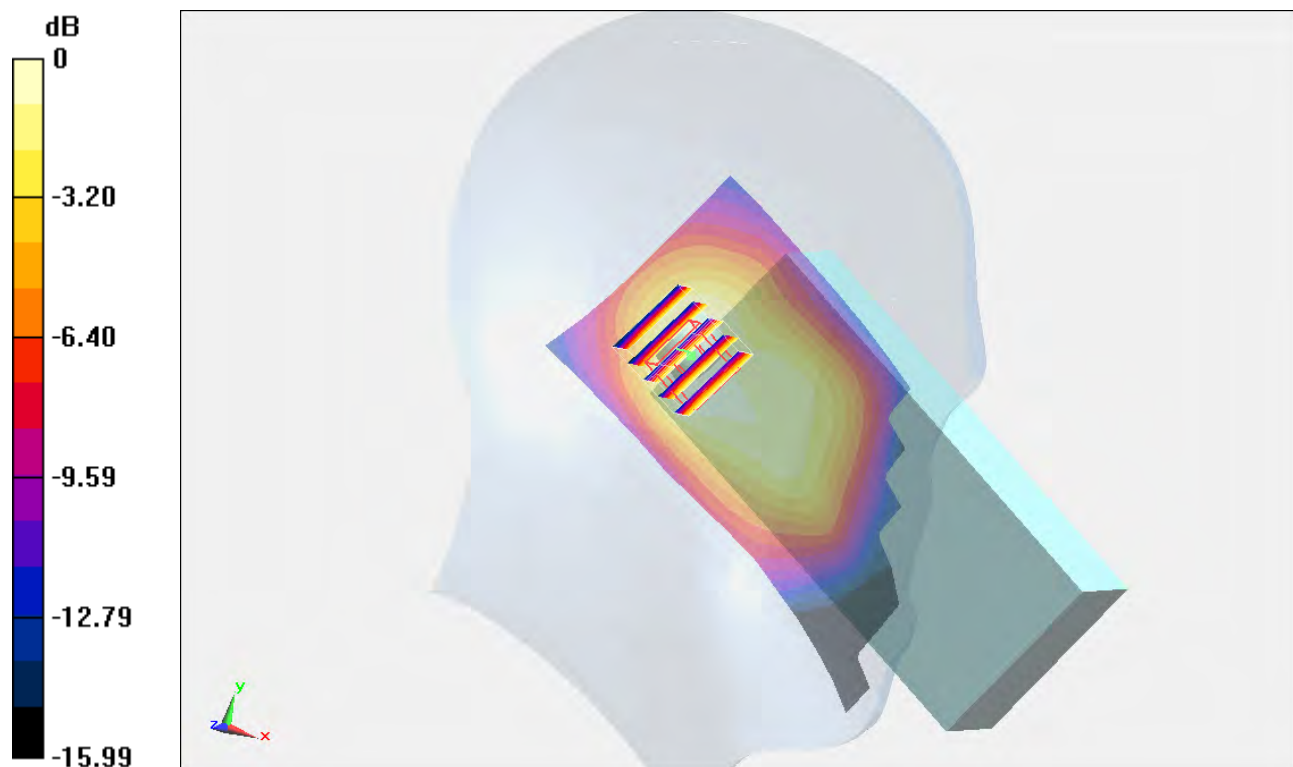
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.188 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.870 mW/g

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 0.624 mW/g



0 dB = 0.624 mW/g = -4.10 dB mW/g

## #30\_WCDMA II\_RMC 12.2Kbps\_Left Tilted\_Ch9262

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.415$  mho/m;  $\epsilon_r = 40.164$ ;

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

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.34 mW/g

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

Reference Value = 32.004 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.706 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.671 mW/g**

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24 mW/g = 1.87 dB mW/g

## #31\_WCDMA II\_RMC 12.2Kbps\_Left Tilted\_Ch9400

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 40.065$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.11 mW/g

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

Reference Value = 29.383 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.478 mW/g

**SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.567 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06 mW/g = 0.51 dB mW/g



## #32\_WCDMA II\_RMC 12.2Kbps\_Left Tilted\_Ch9538

**DUT: 310457**

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

Medium: HSL\_1900\_130412 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.454$  mho/m;  $\epsilon_r = 39.674$ ;  $\rho$

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

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (61x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.906 mW/g

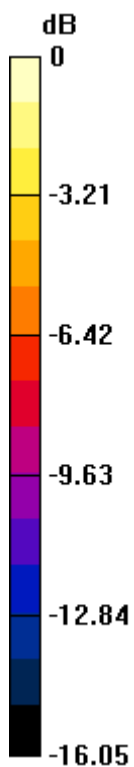
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.381 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.218 mW/g

**SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.461 mW/g**

Maximum value of SAR (measured) = 0.866 mW/g



0 dB = 0.866 mW/g = -1.25 dB mW/g

## #52\_WLAN2.4G\_802.11b 1Mbps\_Right Cheek\_Ch11

**DUT: 310457**

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

Medium: HSL\_2450\_130415 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  mho/m;  $\epsilon_r = 38.745$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch11/Area Scan (81x171x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0632 mW/g

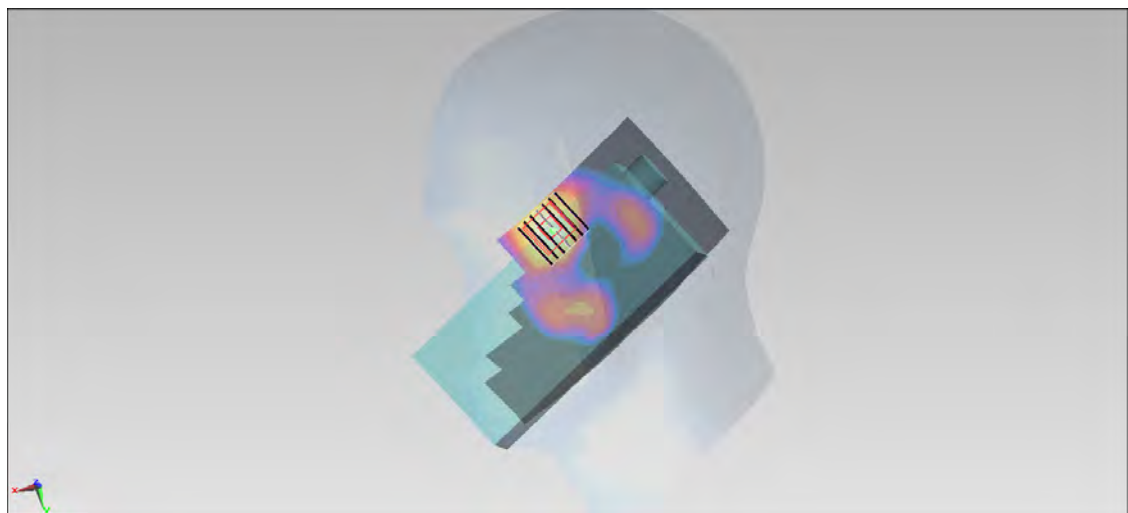
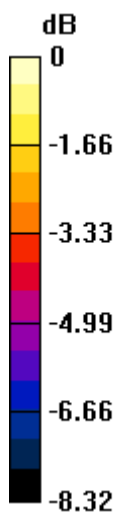
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.982 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.095 mW/g

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.0622 mW/g



0 dB = 0.0622 mW/g = -24.12 dB mW/g

## #53\_WLAN2.4G\_802.11b 1Mbps\_Right Tilted\_Ch11

**DUT: 310457**

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

Medium: HSL\_2450\_130415 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  mho/m;  $\epsilon_r = 38.745$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch11/Area Scan (81x171x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.0470 mW/g

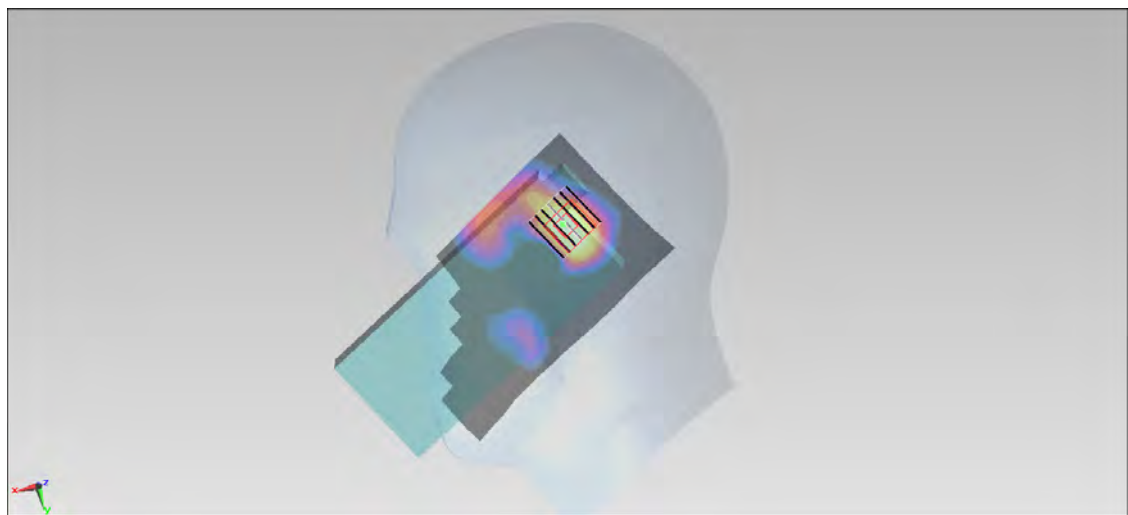
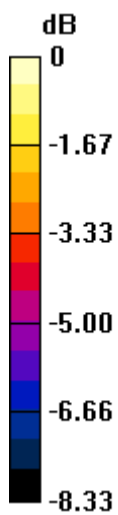
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.253 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.068 mW/g

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.0466 mW/g



0 dB = 0.0466 mW/g = -26.63 dB mW/g

## #54\_WLAN2.4G\_802.11b 1Mbps\_Left Cheek\_Ch11

**DUT: 310457**

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

Medium: HSL\_2450\_130415 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  mho/m;  $\epsilon_r = 38.745$ ;  $\rho$

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

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch11/Area Scan (81x171x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0933 mW/g

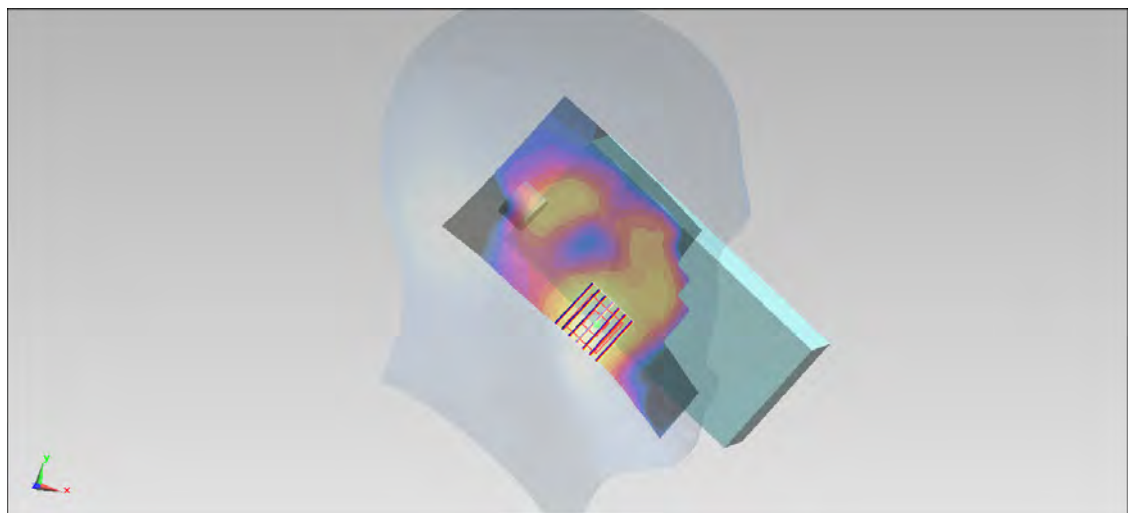
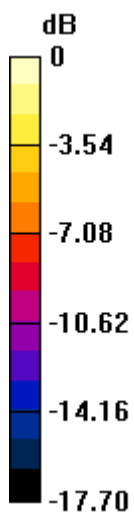
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.471 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.145 mW/g

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.0954 mW/g



0 dB = 0.0954 mW/g = -20.41 dB mW/g

## #55\_WLAN2.4G\_802.11b 1Mbps\_Left Tilted\_Ch11

**DUT: 310457**

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

Medium: HSL\_2450\_130415 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.842$  mho/m;  $\epsilon_r = 38.745$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch11/Area Scan (81x171x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0338 mW/g

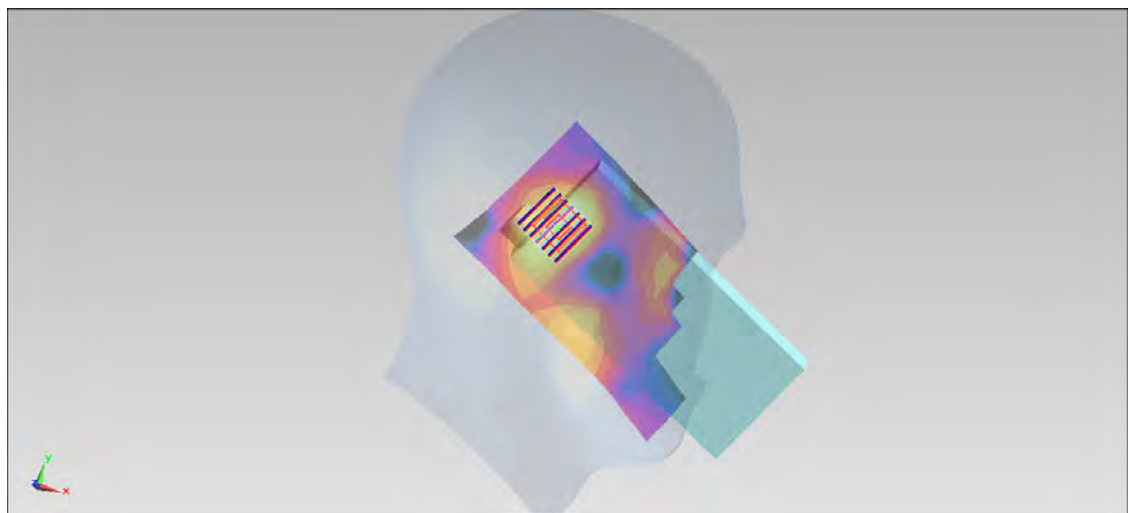
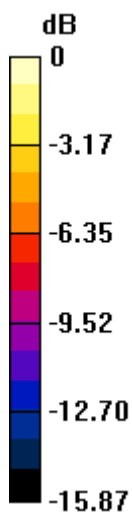
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.433 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.052 mW/g

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0345 mW/g



0 dB = 0.0345 mW/g = -29.24 dB mW/g

## #48\_WLAN5G\_802.11a 6Mbps\_Right Cheek\_Ch40

**DUT: 310457**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.559$  mho/m;  $\epsilon_r = 35.92$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.216 mW/g

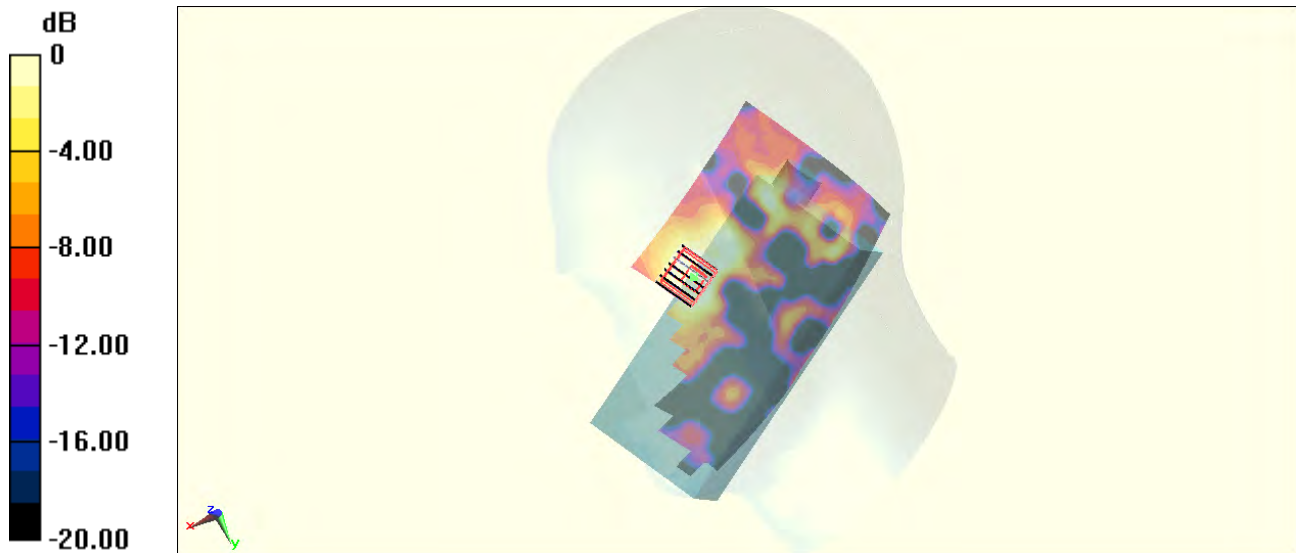
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.355 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.455 mW/g

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.0993 mW/g



0 dB = 0.0993 mW/g = -20.06 dB mW/g

## #49\_WLAN5G\_802.11a 6Mbps\_Right Tilted\_Ch40

**DUT: 310457**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.559$  mho/m;  $\epsilon_r = 35.92$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.156 mW/g

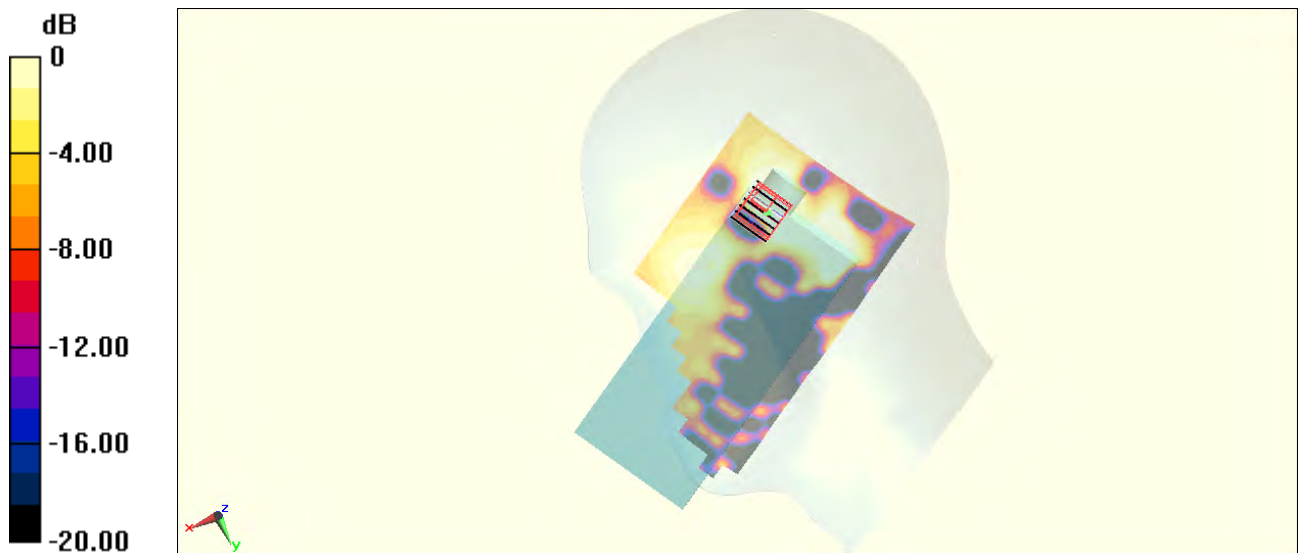
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.025 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.420 mW/g

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0376 mW/g



0 dB = 0.0376 mW/g = -28.50 dB mW/g

## #50\_WLAN5G\_802.11a 6Mbps\_Left Cheek\_Ch40

**DUT: 310457**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.559$  mho/m;  $\epsilon_r = 35.92$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.273 mW/g

**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.189 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.506 mW/g

**SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.136 mW/g



0 dB = 0.136 mW/g = -17.33 dB mW/g



## #51\_WLAN5G\_802.11a 6Mbps\_Left Tilted\_Ch40

**DUT: 310457**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.559$  mho/m;  $\epsilon_r = 35.92$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (11x21x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.151 mW/g

**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.708 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.675 mW/g

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0374 mW/g

**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.708 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.373 mW/g

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.0529 mW/g



0 dB = 0.0529 mW/g = -25.53 dB mW/g

## #58\_WLAN5G\_802.11a 6Mbps\_Right Cheek\_Ch52

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.605$  mho/m;  $\epsilon_r = 35.556$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch52/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.457 mW/g

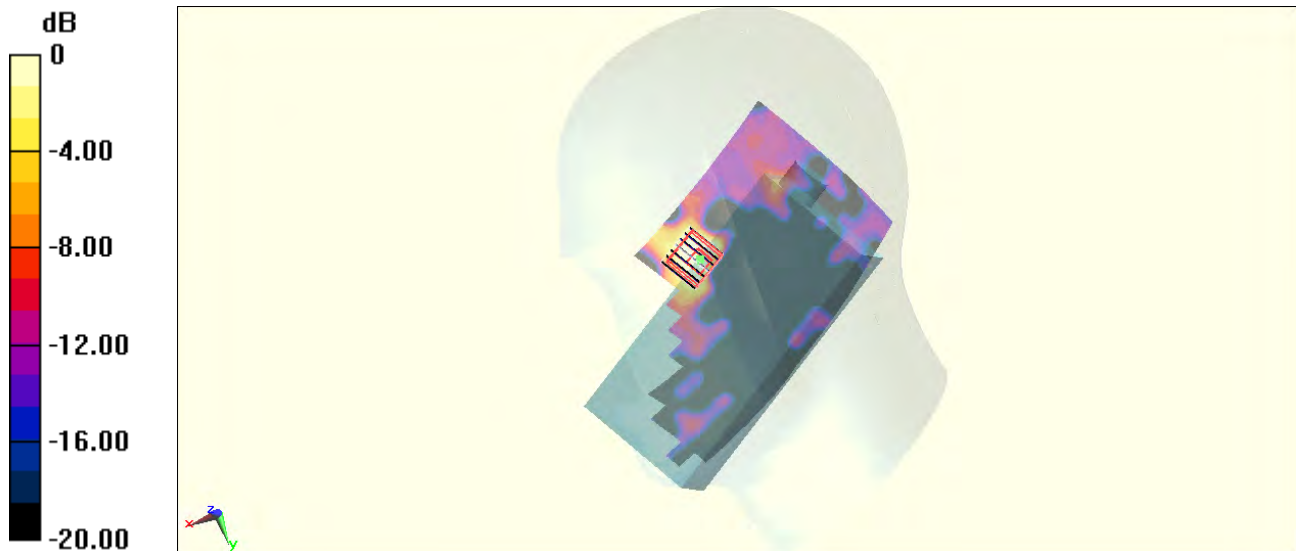
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.959 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.437 mW/g

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150 mW/g = -16.48 dB mW/g

## #59\_WLAN5G\_802.11a 6Mbps\_Right Tilted\_Ch52

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.605$  mho/m;  $\epsilon_r = 35.556$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch52/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0638 mW/g

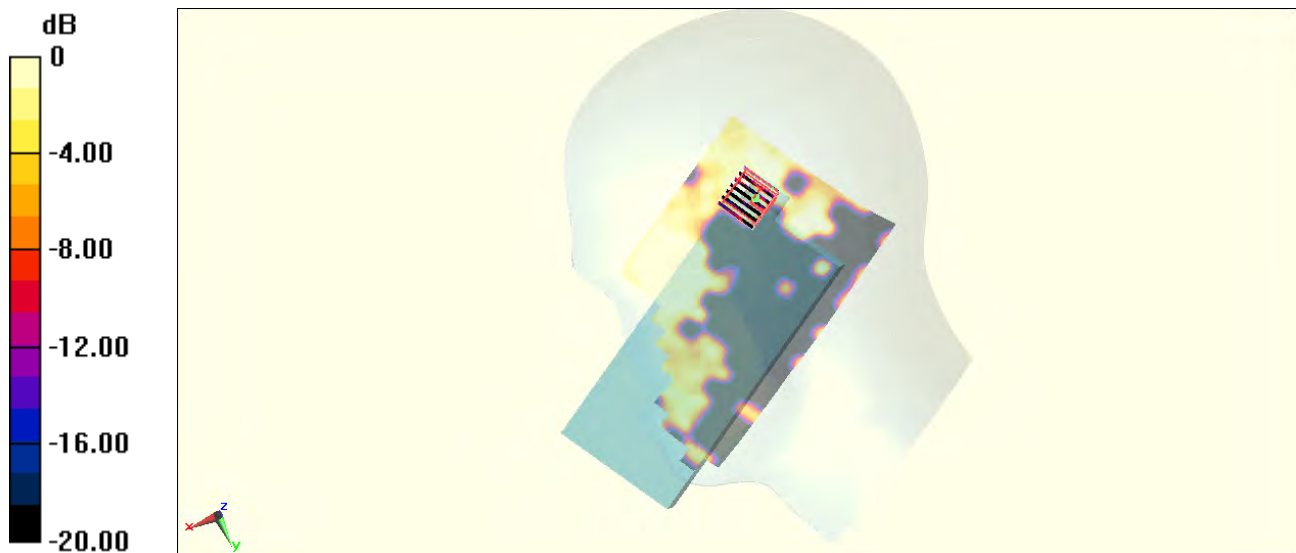
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.106 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.552 mW/g

**SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.00991 mW/g**

Maximum value of SAR (measured) = 0.0173 mW/g



0 dB = 0.0173 mW/g = -35.24 dB mW/g

## #60\_WLAN5G\_802.11a 6Mbps\_Left Cheek\_Ch52

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.605$  mho/m;  $\epsilon_r = 35.556$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch52/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.419 mW/g

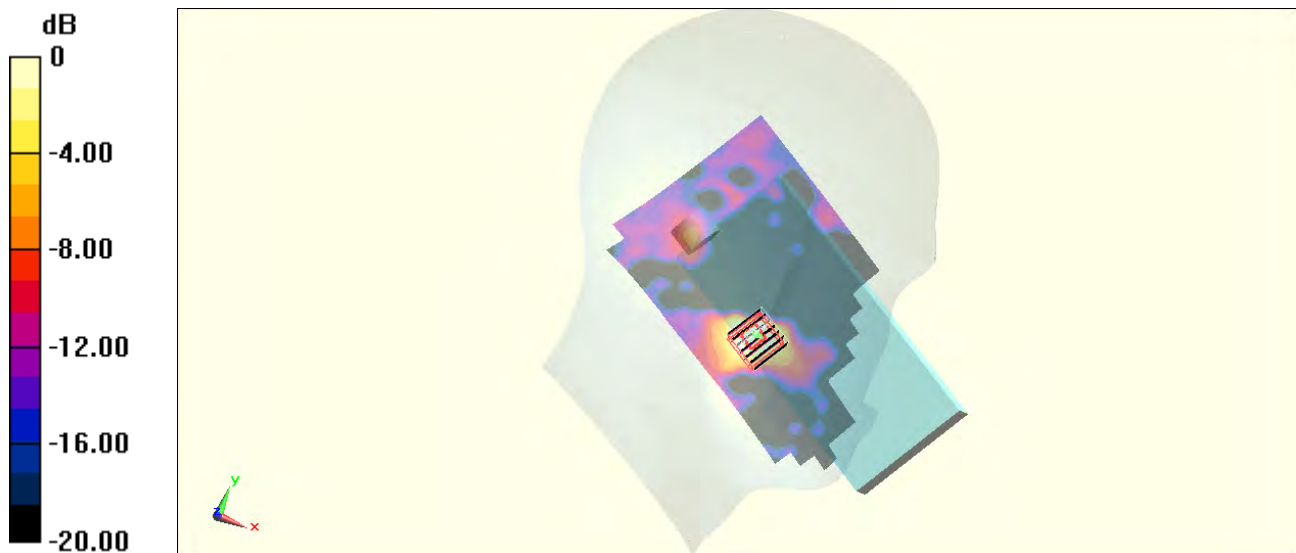
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.847 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.766 mW/g

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196 mW/g = -14.15 dB mW/g

## #61\_WLAN5G\_802.11a 6Mbps\_Left Tilted\_Ch52

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.605$  mho/m;  $\epsilon_r = 35.556$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch52/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.105 mW/g

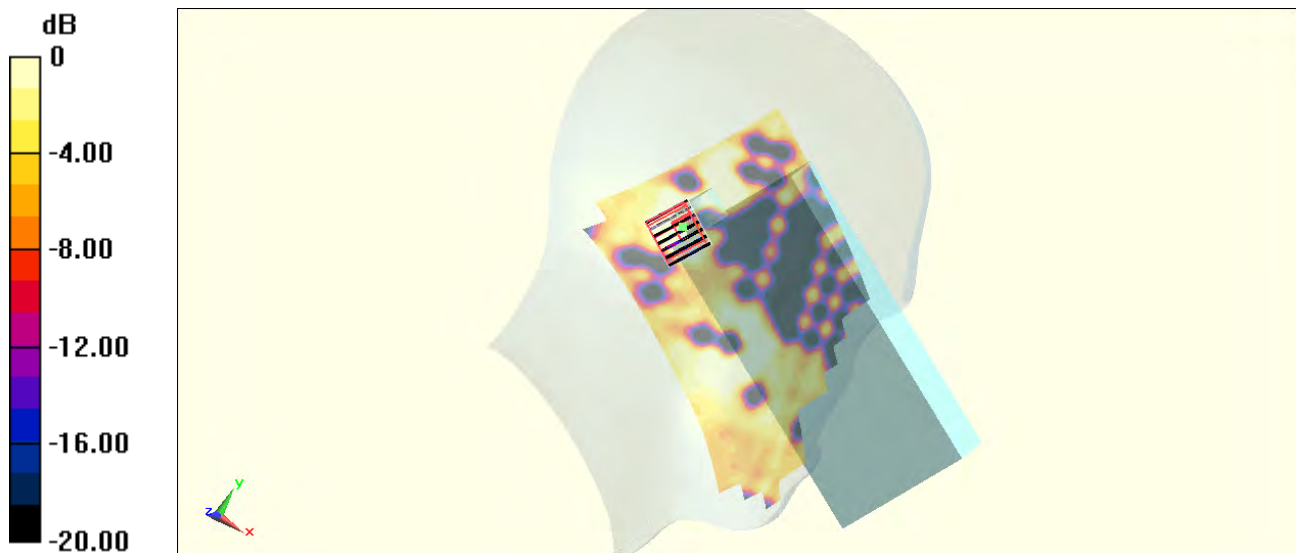
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.888 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.271 mW/g

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00894 mW/g**

Maximum value of SAR (measured) = 0.0238 mW/g



0 dB = 0.0238 mW/g = -32.47 dB mW/g

## #62\_WLAN5G\_802.11a 6Mbps\_Right Cheek\_Ch100

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.865$  mho/m;  $\epsilon_r = 35.1$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch100/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.224 mW/g

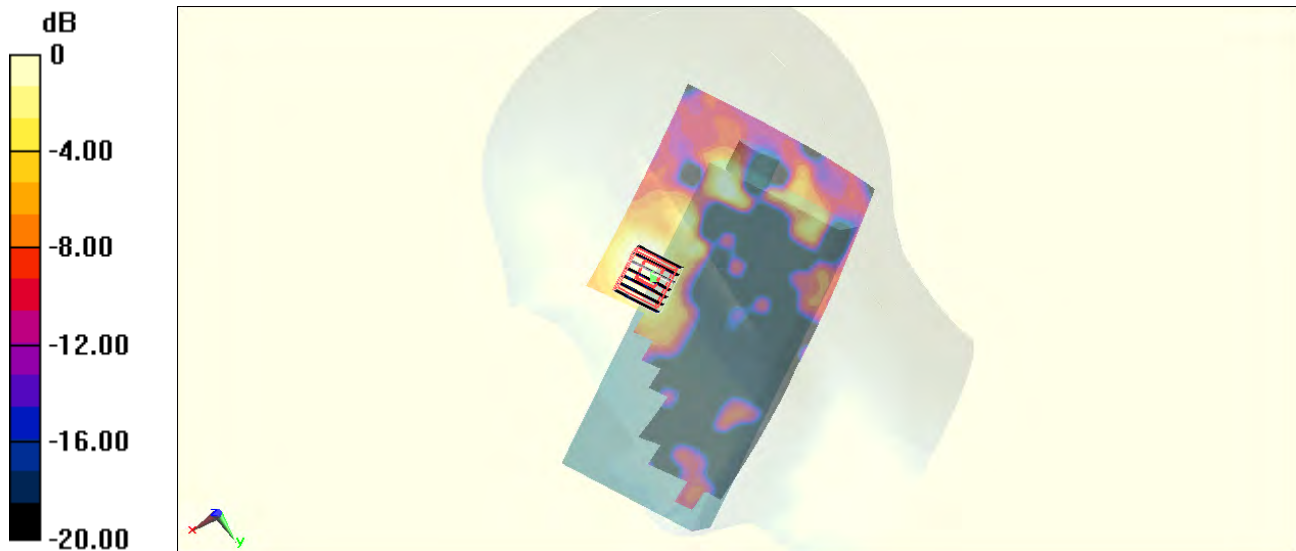
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.041 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.735 mW/g

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.0983 mW/g



0 dB = 0.0983 mW/g = -20.15 dB mW/g

## #63\_WLAN5G\_802.11a 6Mbps\_Right Tilted\_Ch100

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.865$  mho/m;  $\epsilon_r = 35.1$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch100/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.226 mW/g

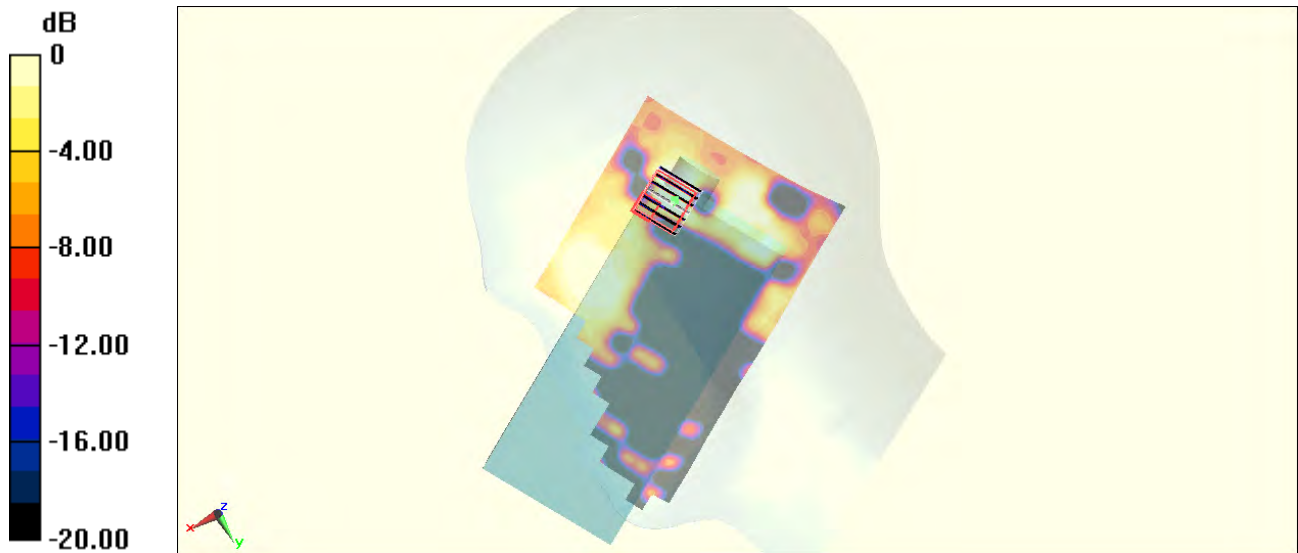
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.903 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.431 mW/g

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.0474 mW/g



0 dB = 0.0474 mW/g = -26.48 dB mW/g

## #64\_WLAN5G\_802.11a 6Mbps\_Left Cheek\_Ch100

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.865$  mho/m;  $\epsilon_r = 35.1$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch100/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.559 mW/g

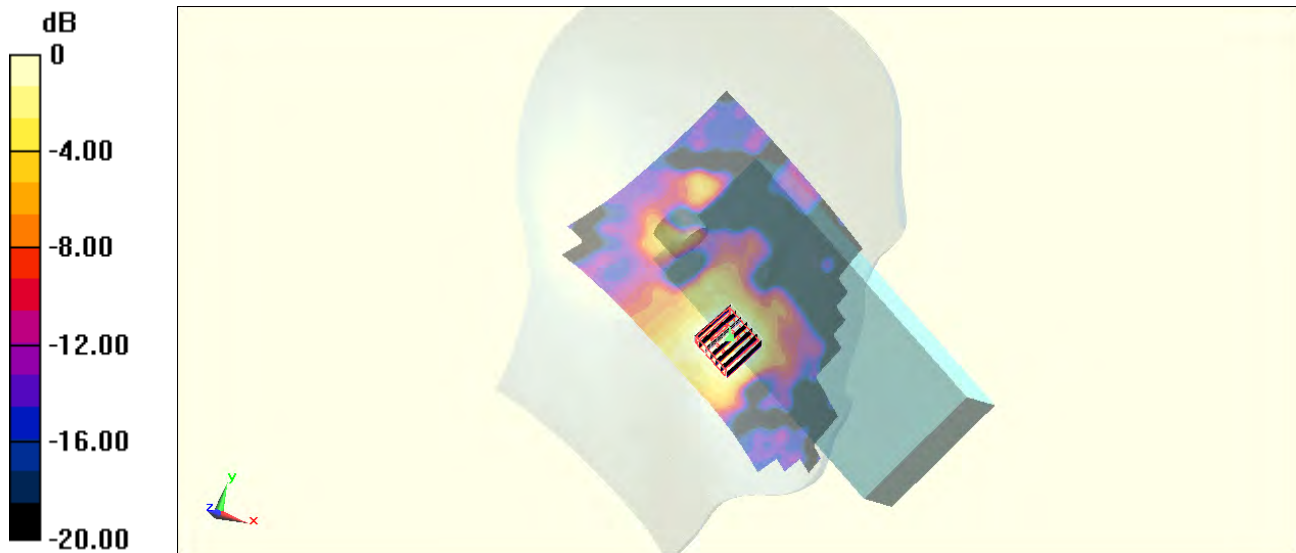
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.514 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.585 mW/g

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232 mW/g = -12.69 dB mW/g



## #65\_WLAN5G\_802.11a 6Mbps\_Left Tilted\_Ch100

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.865$  mho/m;  $\epsilon_r = 35.1$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch100/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.155 mW/g

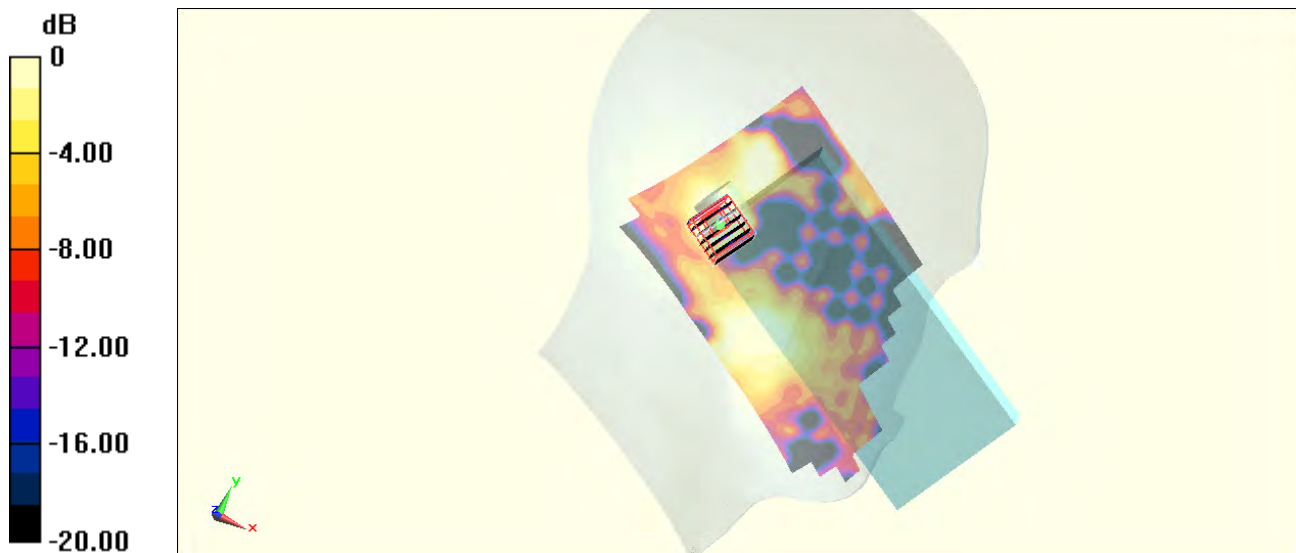
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.879 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.269 mW/g

**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0640 mW/g



0 dB = 0.0640 mW/g = -23.88 dB mW/g

## #66\_WLAN5G\_802.11a 6Mbps\_Right Cheek\_Ch165

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.203$  mho/m;  $\epsilon_r = 34.73$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0413 mW/g

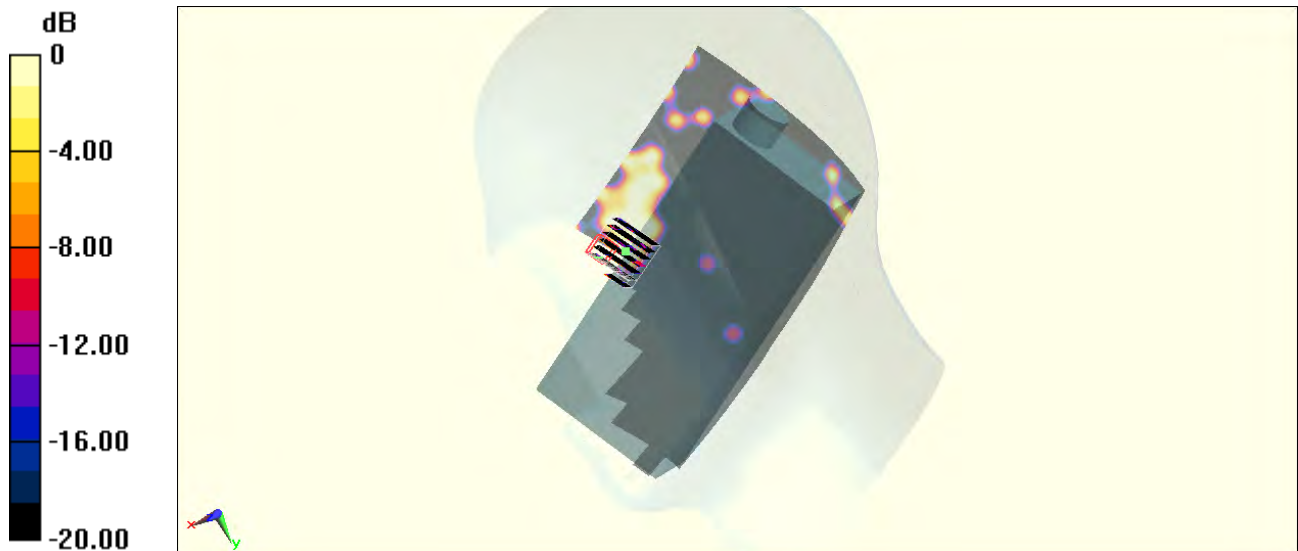
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.861 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.241 mW/g

**SAR(1 g) = 0.015 mW/g; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.0156 mW/g



0 dB = 0.0156 mW/g = -36.14 dB mW/g

## #67\_WLAN5G\_802.11a 6Mbps\_Right Tilted\_Ch165

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.203$  mho/m;  $\epsilon_r = 34.73$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0247 mW/g

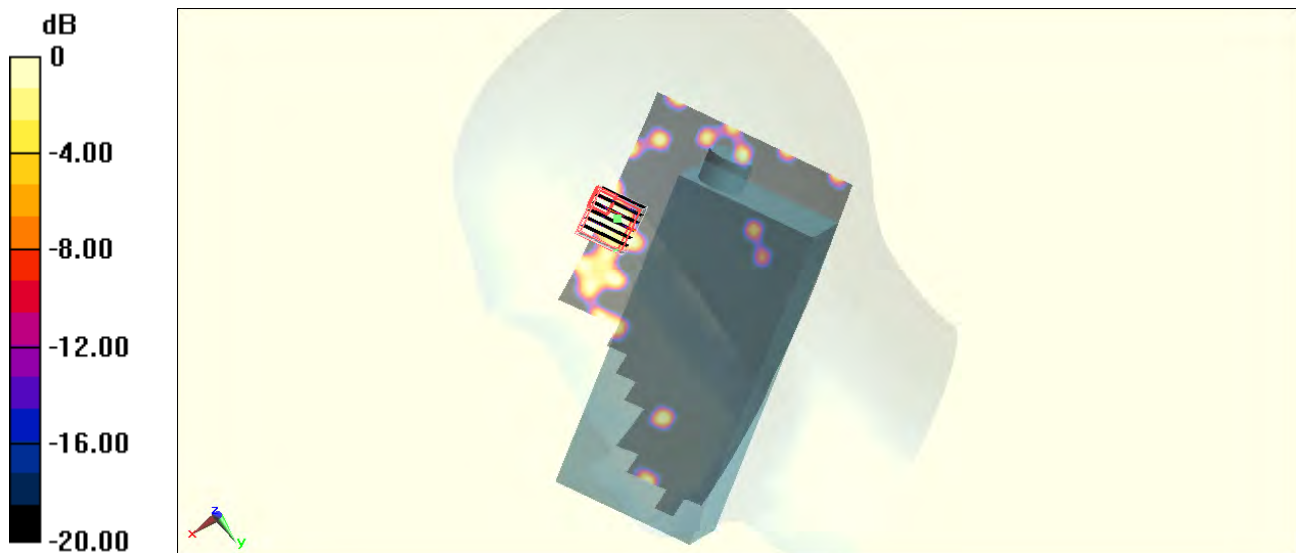
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 1.099 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.132 mW/g

**SAR(1 g) = 0.00437 mW/g; SAR(10 g) = 0.000863 mW/g**

Maximum value of SAR (measured) = 0.0124 mW/g



0 dB = 0.0124 mW/g = -38.13 dB mW/g

## #68\_WLAN5G\_802.11a 6Mbps\_Left Cheek\_Ch165

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.203$  mho/m;  $\epsilon_r = 34.73$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0413 mW/g

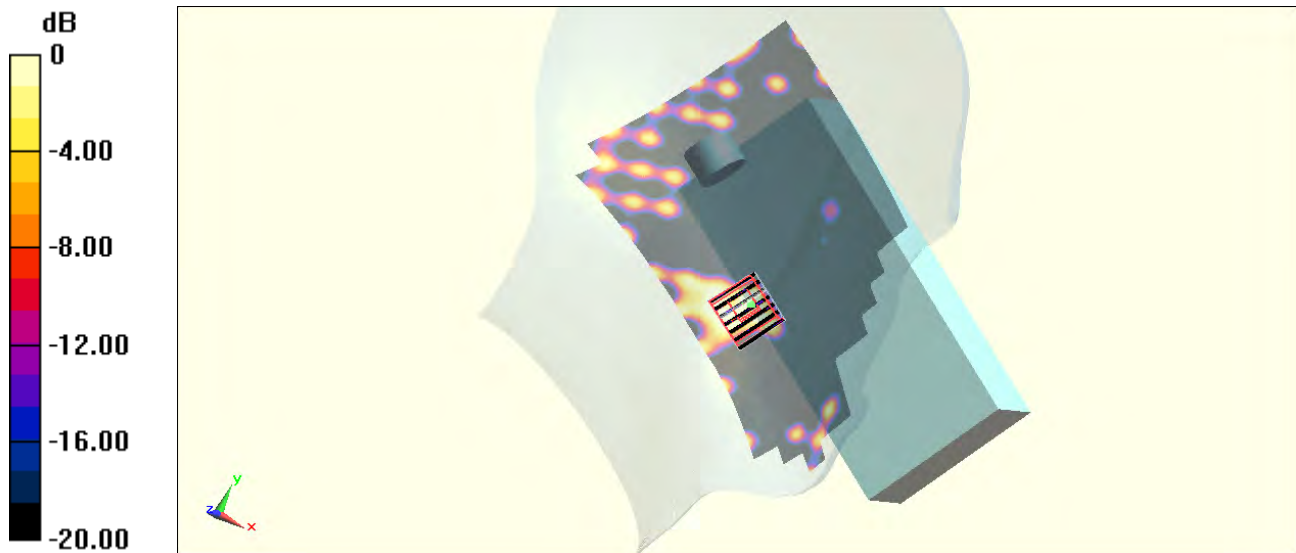
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.128 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.080 mW/g

**SAR(1 g) = 0.0056 mW/g; SAR(10 g) = 0.00146 mW/g**

Maximum value of SAR (measured) = 0.0180 mW/g



0 dB = 0.0180 mW/g = -34.89 dB mW/g

## #69\_WLAN5G\_802.11a 6Mbps\_Left Tilted\_Ch165

**DUT: 310457**

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

Medium: HSL\_5G\_130415 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.203$  mho/m;  $\epsilon_r = 34.73$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (111x211x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.168 mW/g

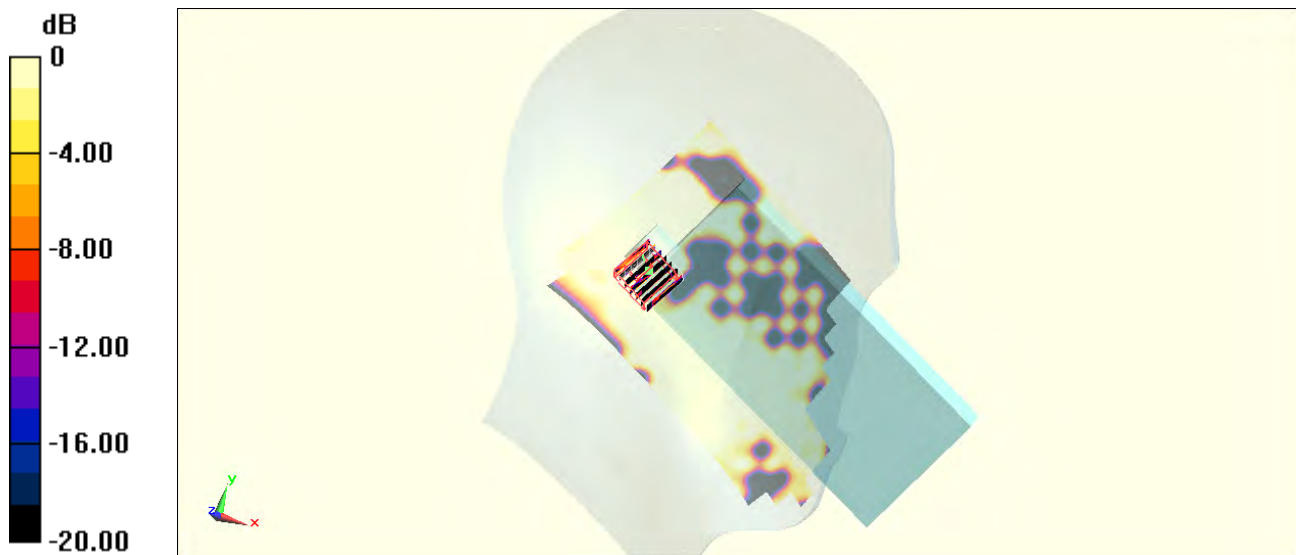
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 6.053 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.047 mW/g

**SAR(1 g) = 0.0015 mW/g; SAR(10 g) = 0.000219 mW/g**

Maximum value of SAR (measured) = 0.0129 mW/g



0 dB = 0.0129 mW/g = -37.79 dB mW/g

## #42\_GSM850\_GPRS (1 Tx slot)\_Front\_1.5cm\_Ch251

**DUT: 310457**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850\_130412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.200 mW/g

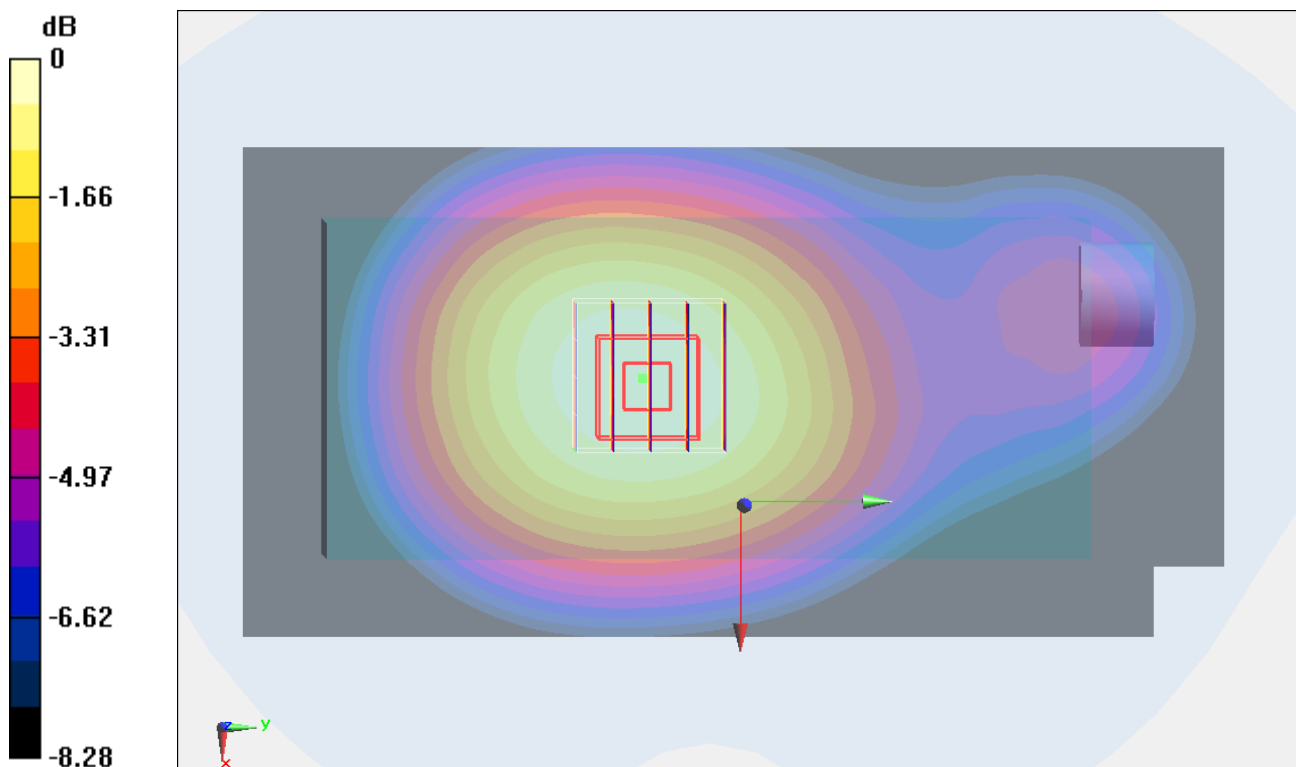
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.807 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.237 mW/g

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200 mW/g = -13.98 dB mW/g

## #43\_GSM850\_GPRS (1 Tx slot)\_Back\_1.5cm\_Ch251

**DUT: 310457**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850\_130412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.411$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.136 mW/g

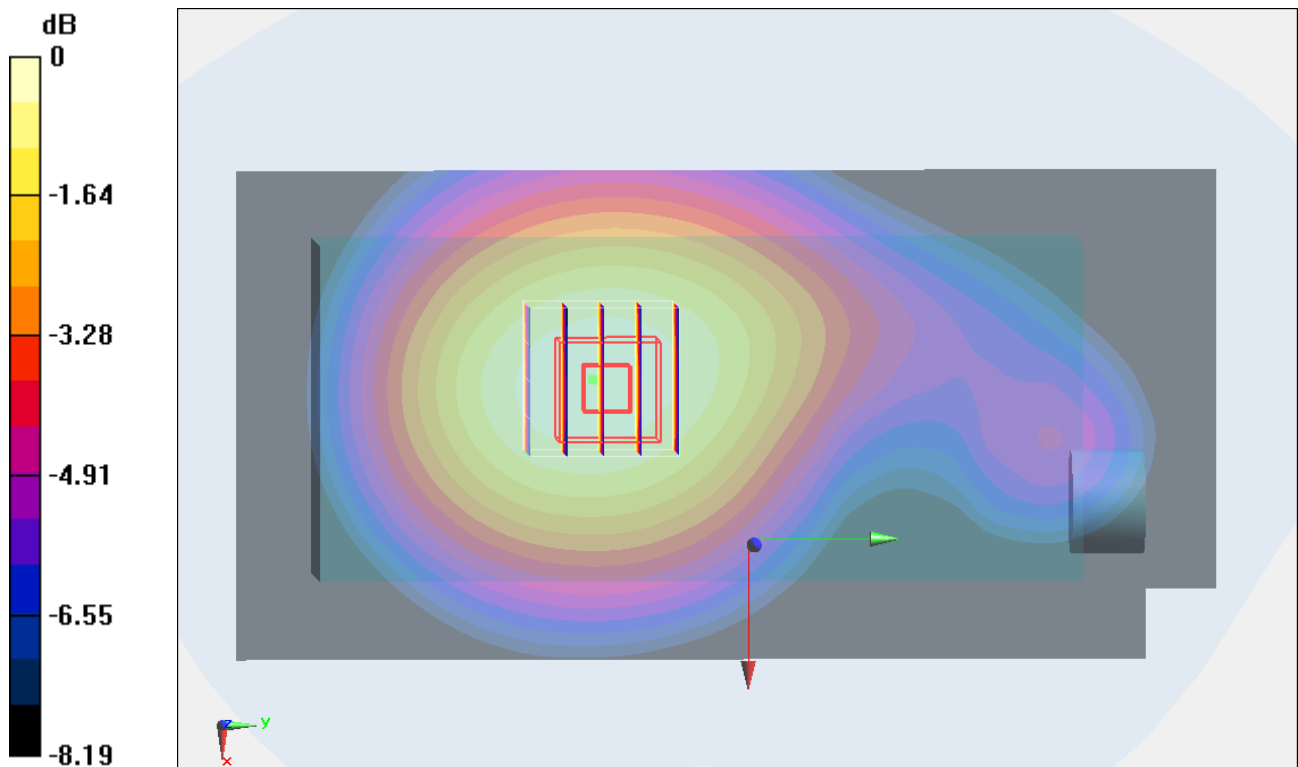
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.412 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.163 mW/g

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137 mW/g = -17.27 dB mW/g

### #03\_GSM1900\_GPRS (1 Tx slot)\_Front\_1.5cm\_Ch661

**DUT: 310457**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_130311 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.736$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch661/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.138 mW/g

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

Reference Value = 9.845 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.180 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.135 mW/g

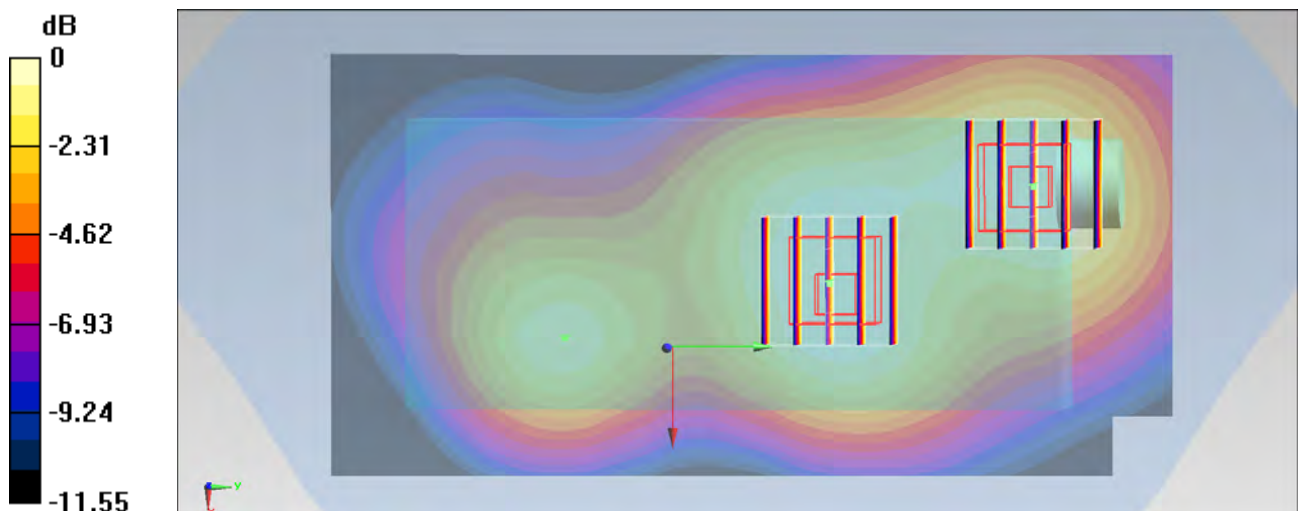
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.845 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.169 mW/g

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.132 mW/g = -17.59 dB mW/g



## #04\_GSM1900\_GPRS (1 Tx slot)\_Back\_1.5cm\_Ch661

**DUT: 310457**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_130311 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.482$  mho/m;  $\epsilon_r = 53.736$ ;  $\rho$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch661/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.136 mW/g

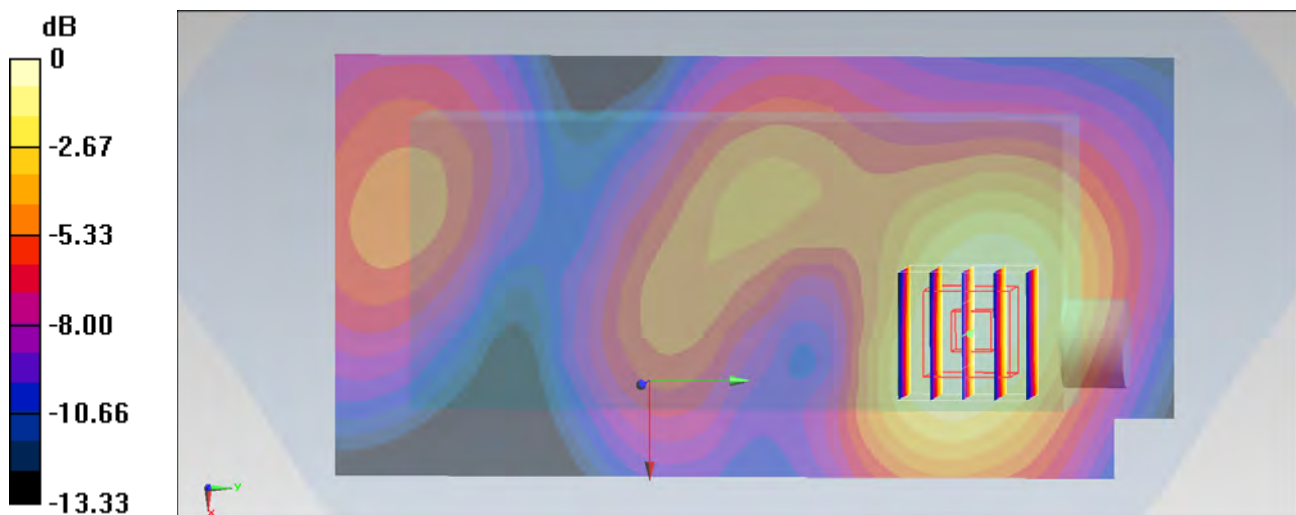
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 9.881 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.178 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.136 mW/g



0 dB = 0.136 mW/g = -17.33 dB mW/g

## #44\_WCDMA V\_RMC 12.2Kbps\_Front\_1.5cm\_Ch4182

**DUT: 310457**

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

Medium: MSL\_850\_130412 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.526$ ;  $\rho$

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

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4182/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.248 mW/g

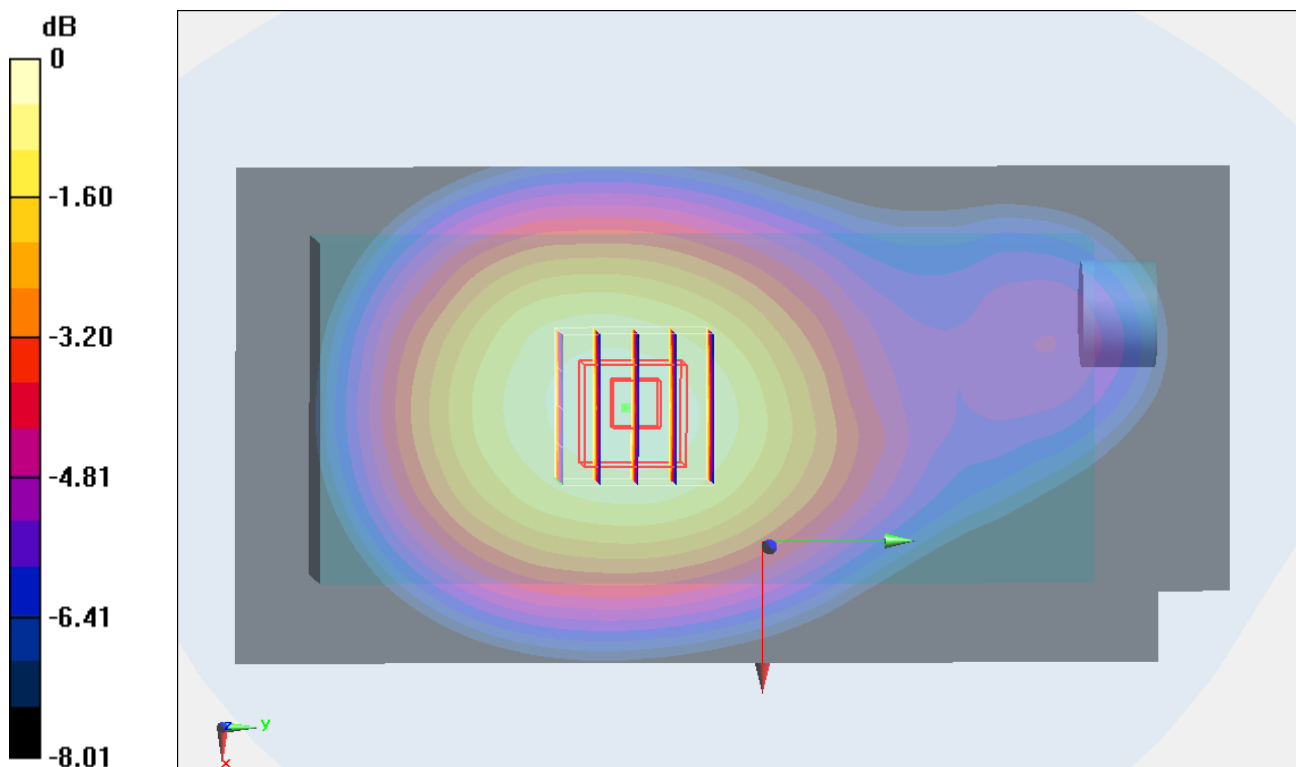
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.976 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.296 mW/g

**SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.183 mW/g**

Maximum value of SAR (measured) = 0.256 mW/g



0 dB = 0.256 mW/g = -11.84 dB mW/g

## #45\_WCDMA V\_RMC 12.2Kbps\_Back\_1.5cm\_Ch4182

**DUT: 310457**

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

Medium: MSL\_850\_130412 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.526$ ;  $\rho$

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

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4182/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.192 mW/g

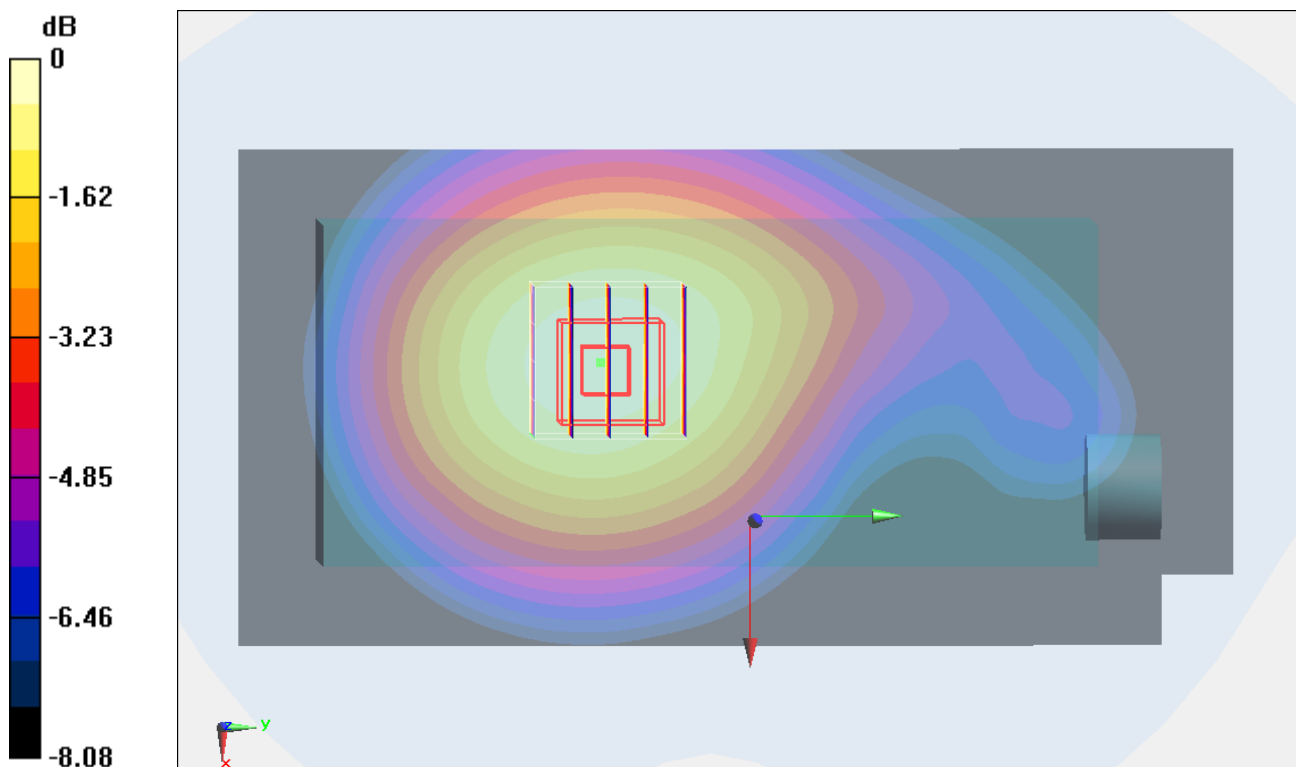
**Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.802 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.230 mW/g

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195 mW/g = -14.20 dB mW/g

### #46\_WCDMA II\_RMC 12.2Kbps\_Front\_1.5cm\_Ch9262

**DUT: 310457**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_130412 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.479 \text{ mho/m}$ ;  $\epsilon_r = 52.051$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

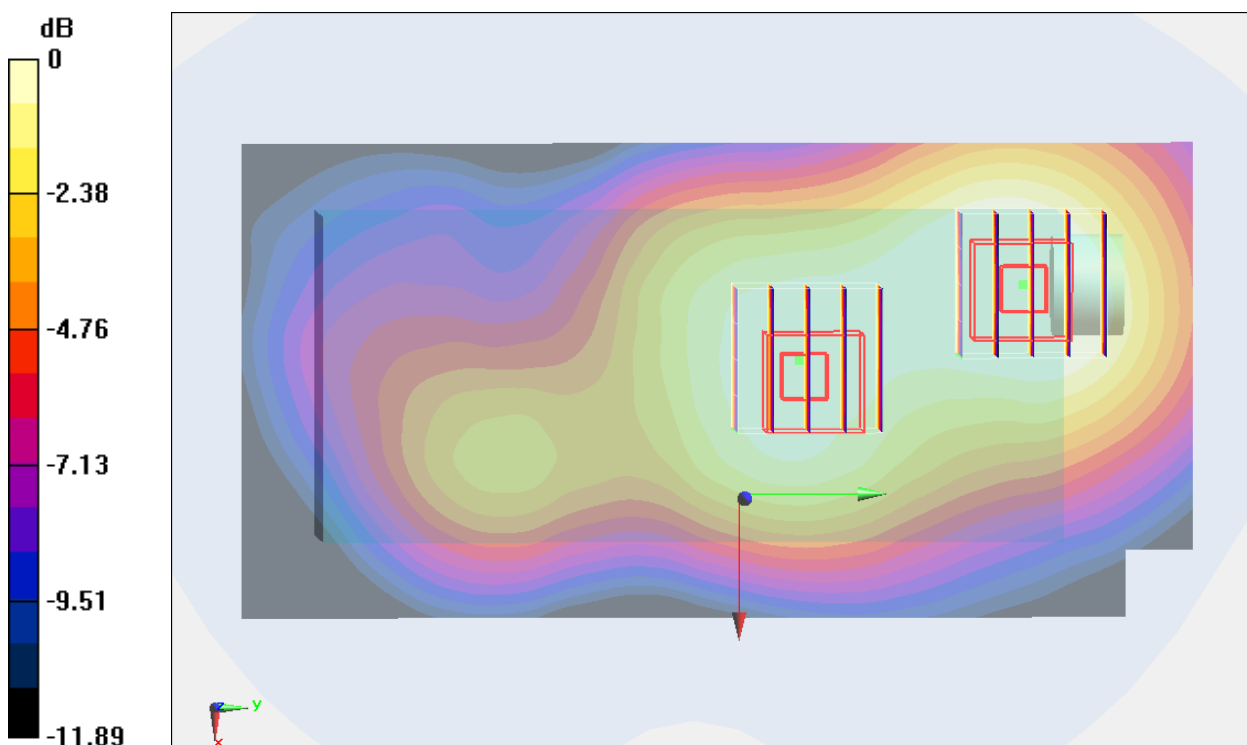
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (71x141x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (interpolated) =  $0.357 \text{ mW/g}$

**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $16.299 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $0.419 \text{ mW/g}$   
**SAR(1 g) =  $0.304 \text{ mW/g}$ ; SAR(10 g) =  $0.200 \text{ mW/g}$**   
Maximum value of SAR (measured) =  $0.327 \text{ mW/g}$

**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $16.299 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $0.348 \text{ mW/g}$   
**SAR(1 g) =  $0.258 \text{ mW/g}$ ; SAR(10 g) =  $0.178 \text{ mW/g}$**   
Maximum value of SAR (measured) =  $0.275 \text{ mW/g}$



$0 \text{ dB} = 0.275 \text{ mW/g} = -11.21 \text{ dB mW/g}$

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

**DUT: 310457**

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

Medium: MSL\_1900\_130412 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.479$  mho/m;  $\epsilon_r = 52.051$ ;

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

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (71x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.271 mW/g

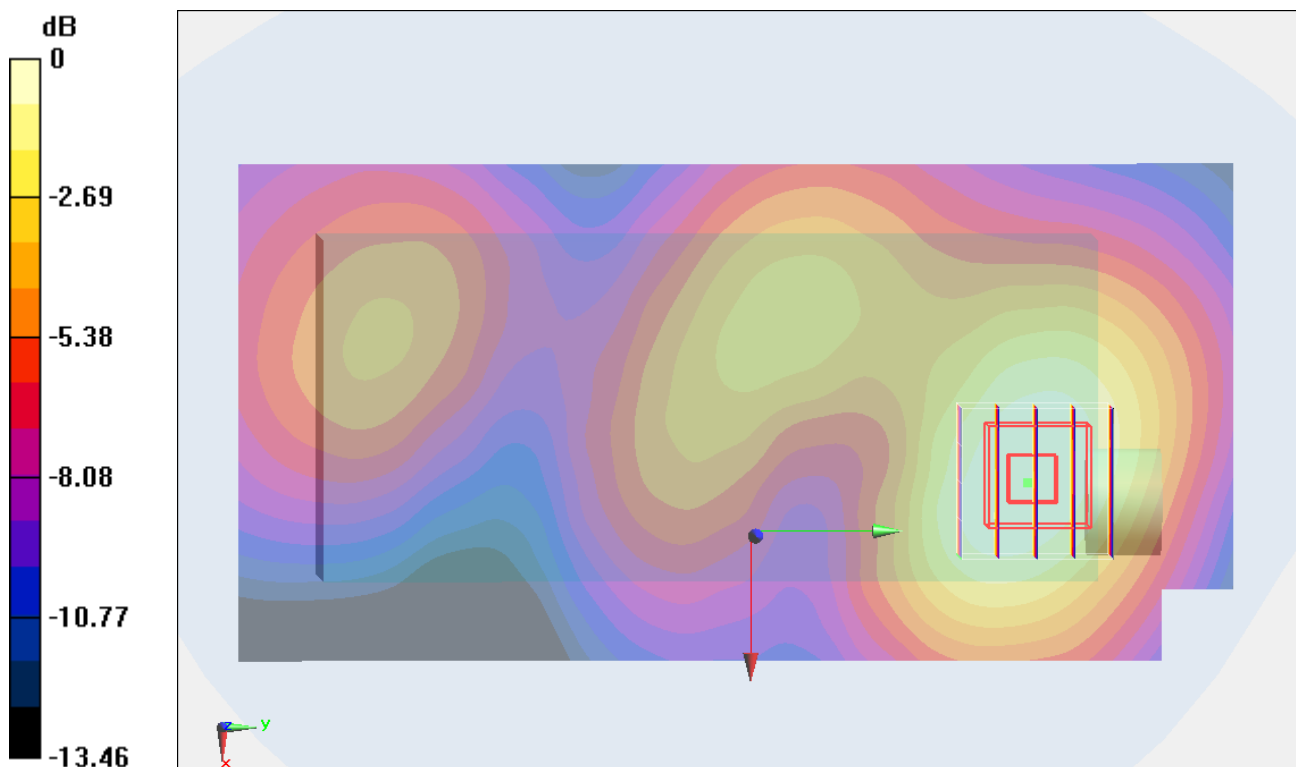
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.355 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.347 mW/g

**SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.258 mW/g = -11.77 dB mW/g

## #56\_WLAN2.4G\_802.11b 1Mbps\_Front\_1.5cm\_Ch11

**DUT: 310457**

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

Medium: MSL\_2450\_130403 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.981$  mho/m;  $\epsilon_r = 51.494$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch11/Area Scan (91x171x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.0208 mW/g

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

Reference Value = 3.235 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.034 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.0221 mW/g

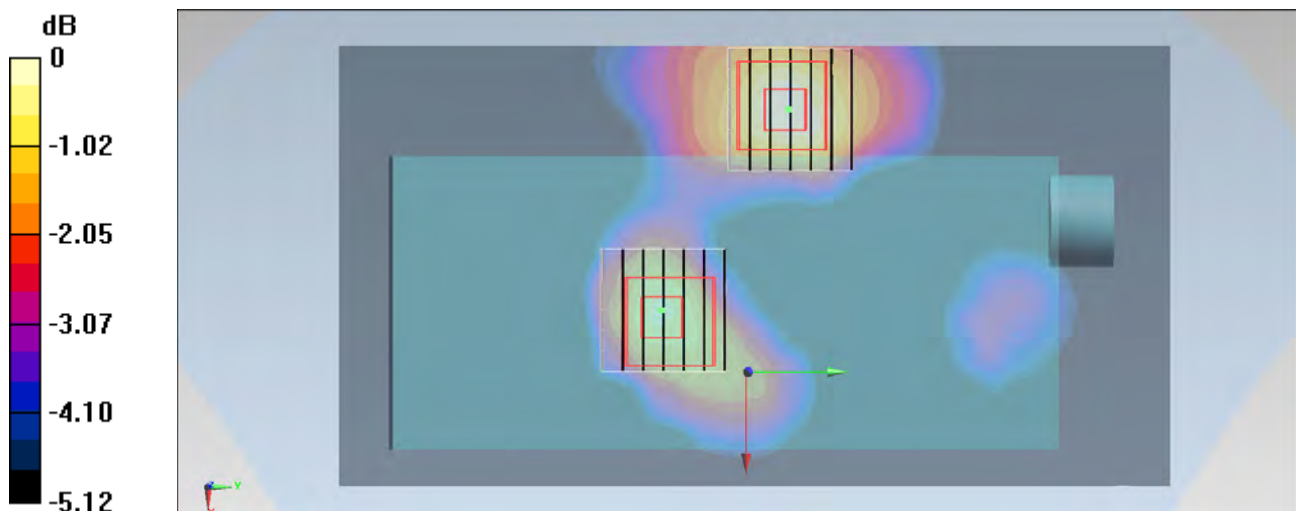
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.235 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.033 mW/g

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00977 mW/g**

Maximum value of SAR (measured) = 0.0210 mW/g



0 dB = 0.0210 mW/g = -33.56 dB mW/g

## #57\_WLAN2.4G\_802.11b 1Mbps\_Back\_1.5cm\_Ch11

**DUT: 310457**

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

Medium: MSL\_2450\_130403 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.981$  mho/m;  $\epsilon_r = 51.494$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch11/Area Scan (91x171x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.0388 mW/g

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

Reference Value = 4.486 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.057 mW/g

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.0382 mW/g

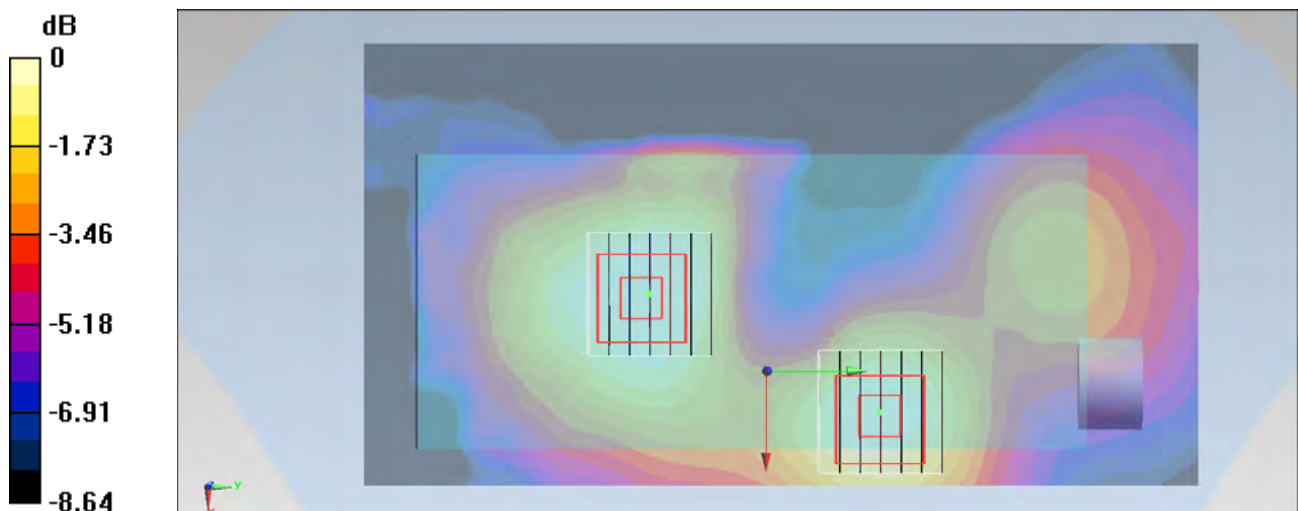
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.486 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.050 mW/g

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.0337 mW/g



0 dB = 0.0337 mW/g = -29.45 dB mW/g

## #70\_WLAN5G\_802.11a 6Mbps\_Front\_1.5cm\_Ch40

**DUT: 310457**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.268$  S/m;  $\epsilon_r = 47.552$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch40/Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.232 W/kg

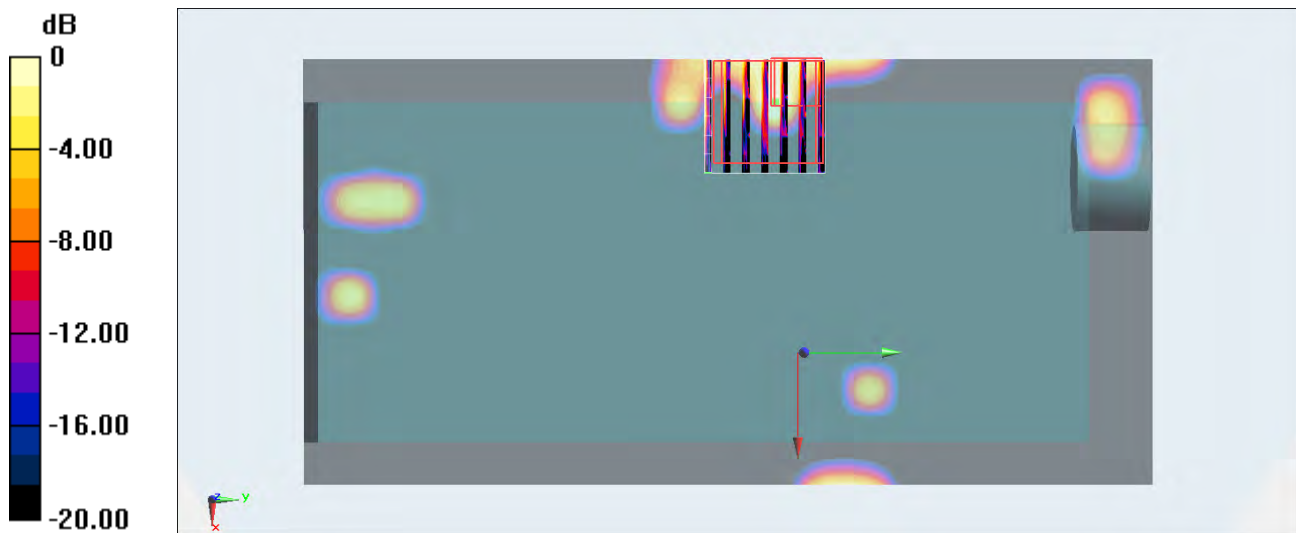
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.872 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00242 W/kg**

Maximum value of SAR (measured) = 0.0932 W/kg



0 dB = 0.0932 W/kg = -10.31 dBW/kg



## #71\_WLAN5G\_802.11a 6Mbps\_Back\_1.5cm\_Ch40

**DUT: 310457**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.268$  S/m;  $\epsilon_r = 47.552$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch40/Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.147 W/kg

**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.867 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.221 W/kg

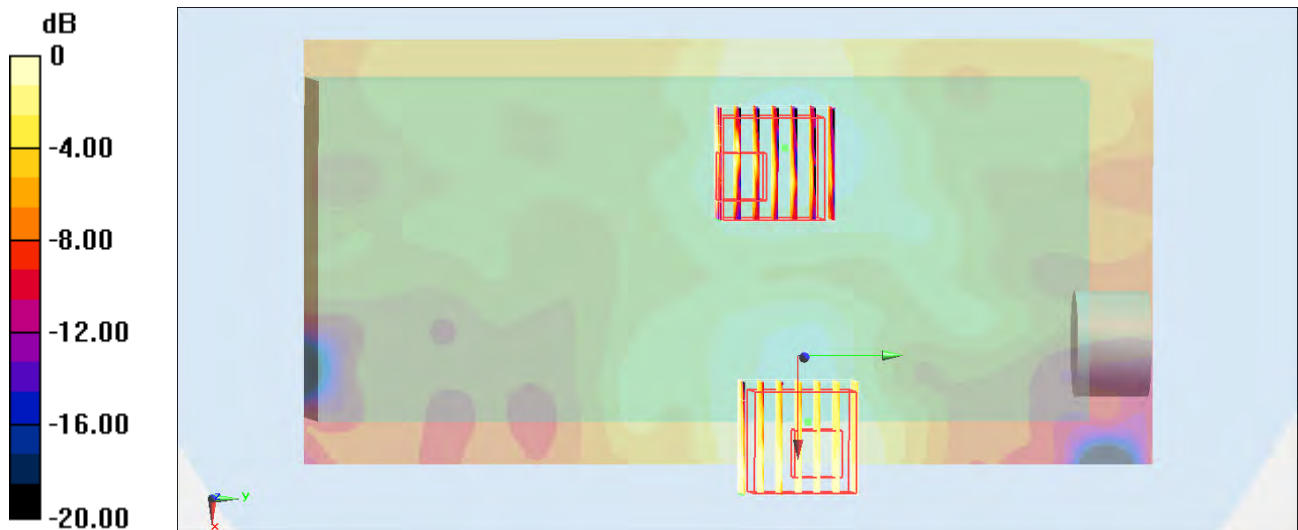
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.867 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 0.0880 W/kg

**SAR(1 g) = 0.00532 W/kg; SAR(10 g) = 0.00115 W/kg**

Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

## #72\_WLAN5G\_802.11a 6Mbps\_Front\_1.5cm\_Ch52

**DUT: 310457**

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

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.322$  S/m;  $\epsilon_r = 47.372$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch52/Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.268 W/kg

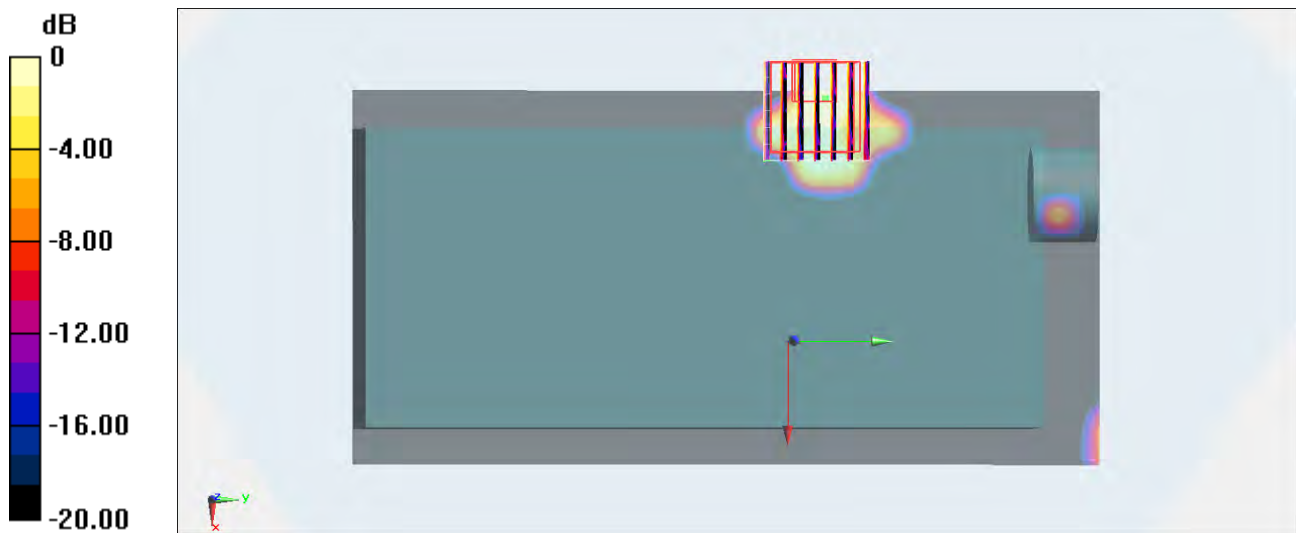
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.809 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.561 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

## #73\_WLAN5G\_802.11a 6Mbps\_Back\_1.5cm\_Ch52

**DUT: 310457**

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

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.322$  S/m;  $\epsilon_r = 47.372$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch52/Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.169 W/kg

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

Reference Value = 5.068 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.462 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.180 W/kg

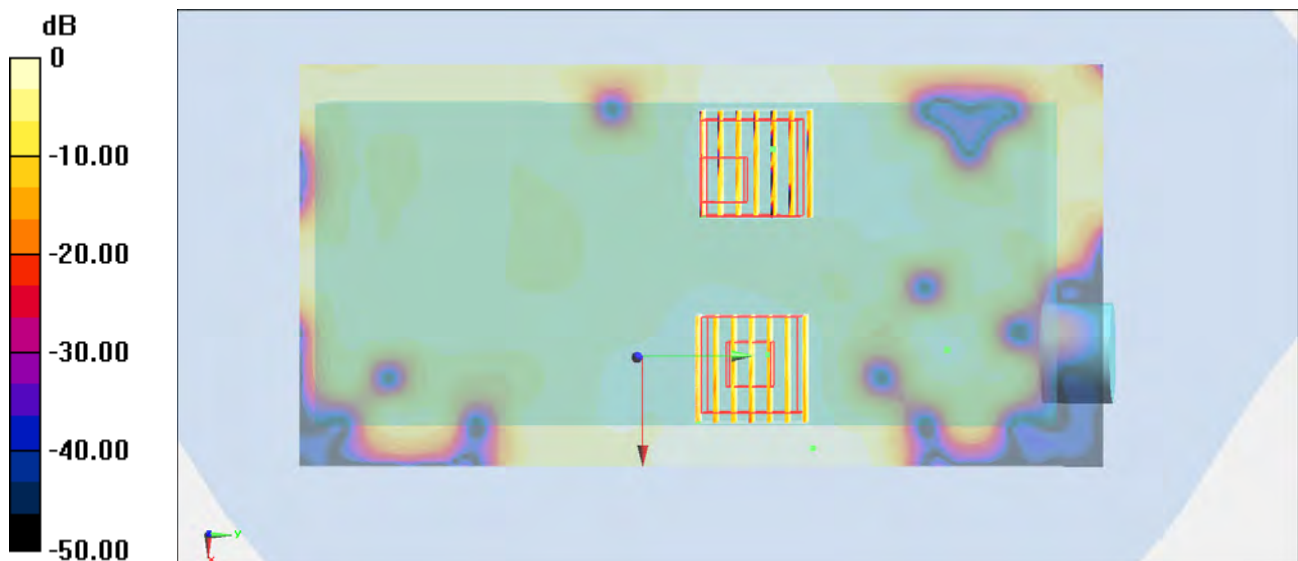
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.068 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.0400 W/kg

**SAR(1 g) = 0.00119 W/kg; SAR(10 g) = 0.00035 W/kg**

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

## #74\_WLAN5G\_802.11a 6Mbps\_Front\_1.5cm\_Ch100

**DUT: 310457**

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

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.658$  S/m;  $\epsilon_r = 47.024$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch100/Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.242 W/kg

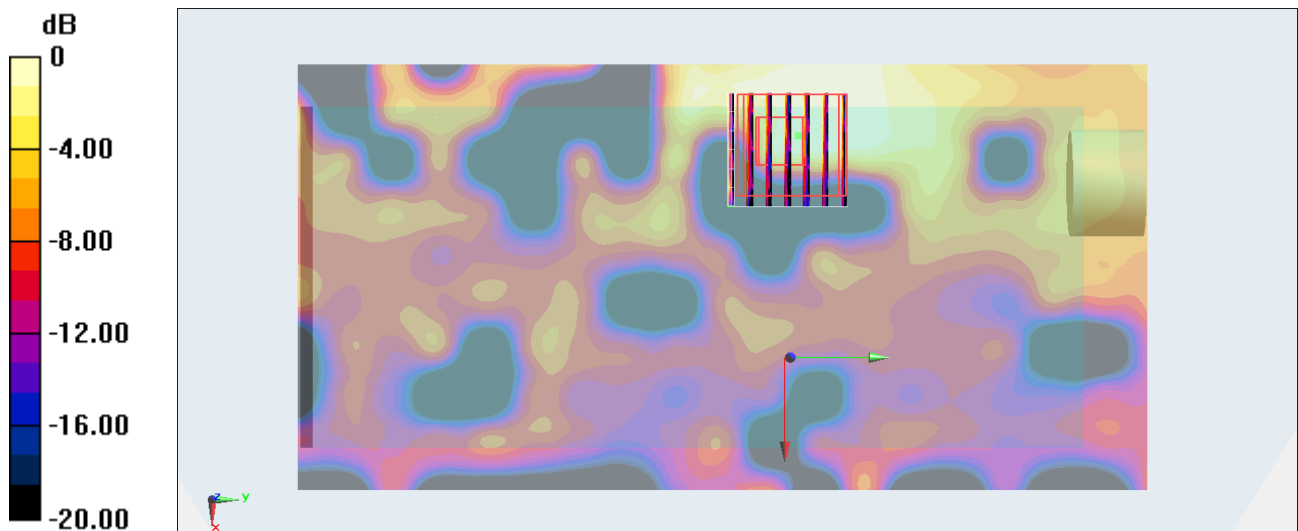
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.641 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00235 W/kg**

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

## #75\_WLAN5G\_802.11a 6Mbps\_Back\_1.5cm\_Ch100

**DUT: 310457**

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

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.658$  S/m;  $\epsilon_r = 47.024$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch100/Area Scan (91x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.207 W/kg

**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.140 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.866 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.230 W/kg

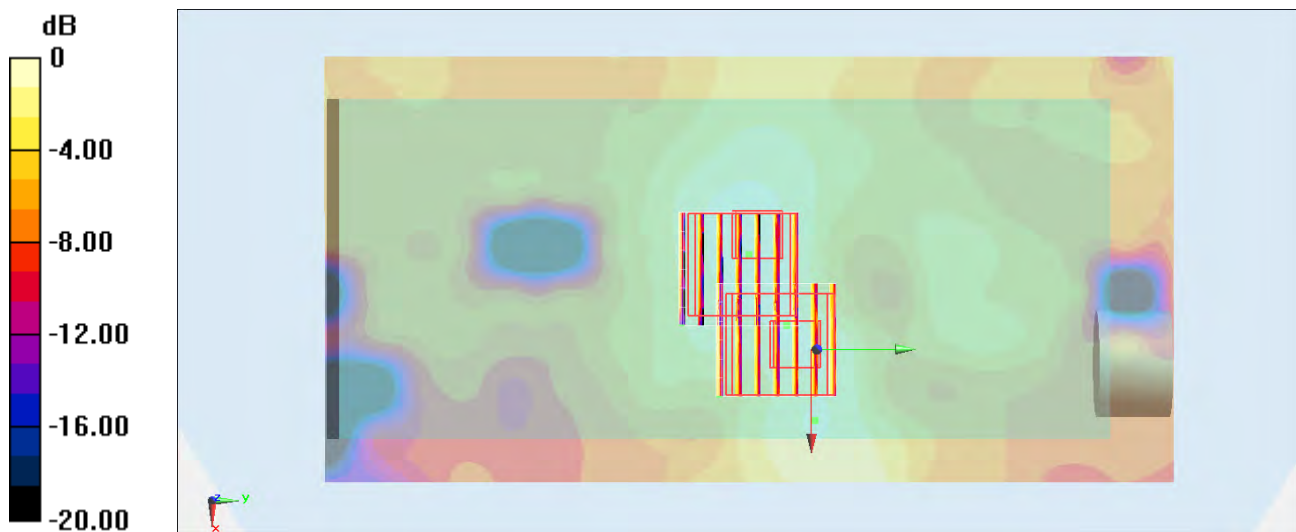
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.140 V/m; Power Drift = 0.146 dB

Peak SAR (extrapolated) = 0.878 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

## #76\_WLAN5G\_802.11a 6Mbps\_Front\_1.5cm\_Ch165

**DUT: 310457**

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

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.22 \text{ S/m}$ ;  $\epsilon_r = 46.414$ ;  $\rho =$

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

Ambient Temperature :  $22.1 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch165/Area Scan (91x201x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.0319 \text{ W/kg}$

**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$

Reference Value =  $1.523 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.0670 \text{ W/kg}$

**SAR(1 g) =  $0.019 \text{ W/kg}$ ; SAR(10 g) =  $0.013 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0304 \text{ W/kg}$

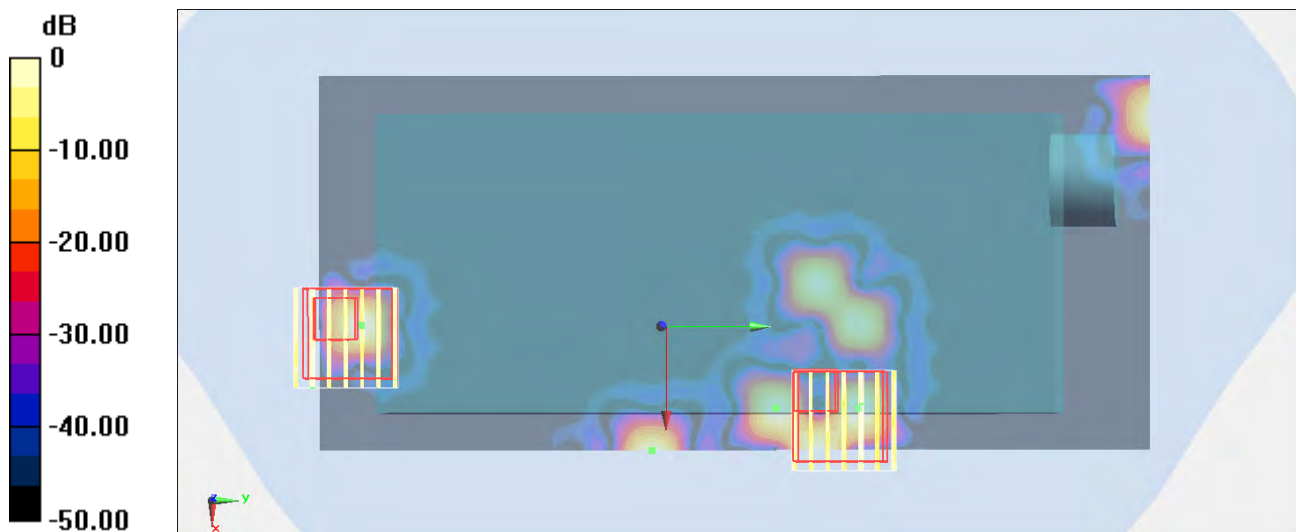
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$

Reference Value =  $1.523 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.0700 \text{ W/kg}$

**SAR(1 g) =  $0.014 \text{ W/kg}$ ; SAR(10 g) =  $0.00947 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0266 \text{ W/kg}$



0 dB =  $0.0266 \text{ W/kg}$  =  $-15.75 \text{ dBW/kg}$

## #77\_WLAN5G\_802.11a 6Mbps\_Back\_1.5cm\_Ch165

**DUT: 310457**

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

Medium: MSL\_5G\_130417 Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.22 \text{ S/m}$ ;  $\epsilon_r = 46.414$ ;  $\rho =$

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

Ambient Temperature :  $22.1 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Configuration/Ch165/Area Scan (91x201x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.0900 \text{ W/kg}$

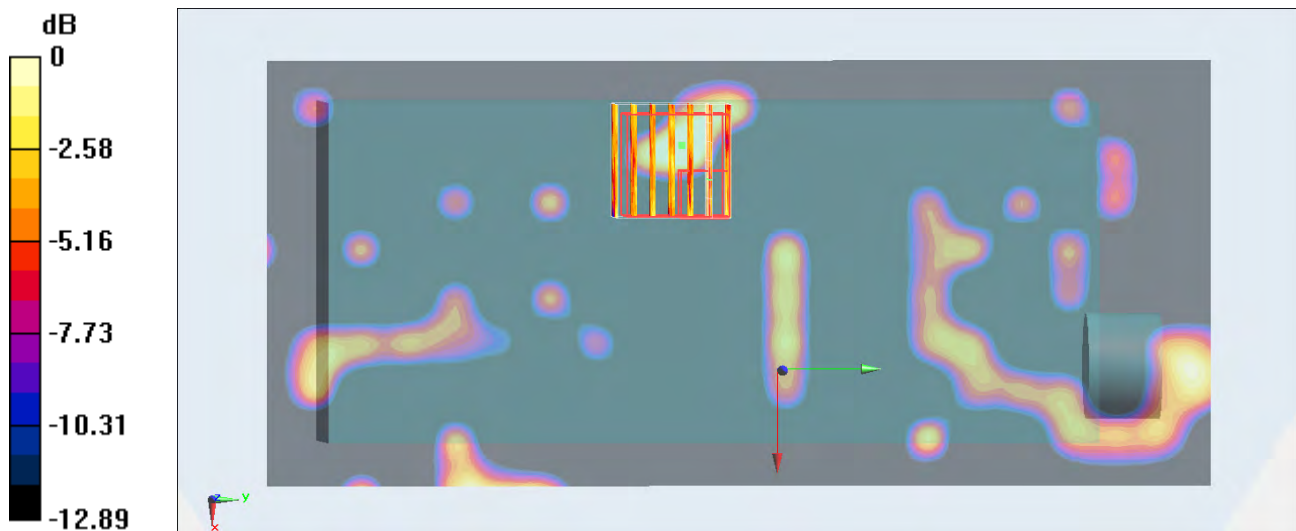
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$

Reference Value =  $2.390 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$

Peak SAR (extrapolated) =  $0.107 \text{ W/kg}$

**SAR(1 g) =  $0.022 \text{ W/kg}$ ; SAR(10 g) =  $0.016 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0417 \text{ W/kg}$



0 dB =  $0.0417 \text{ W/kg}$  =  $-13.80 \text{ dBW/kg}$