

## #48 GSM850\_Right Cheek\_Ch128

### DUT: 140905

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.874$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.492 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.480 mW/g

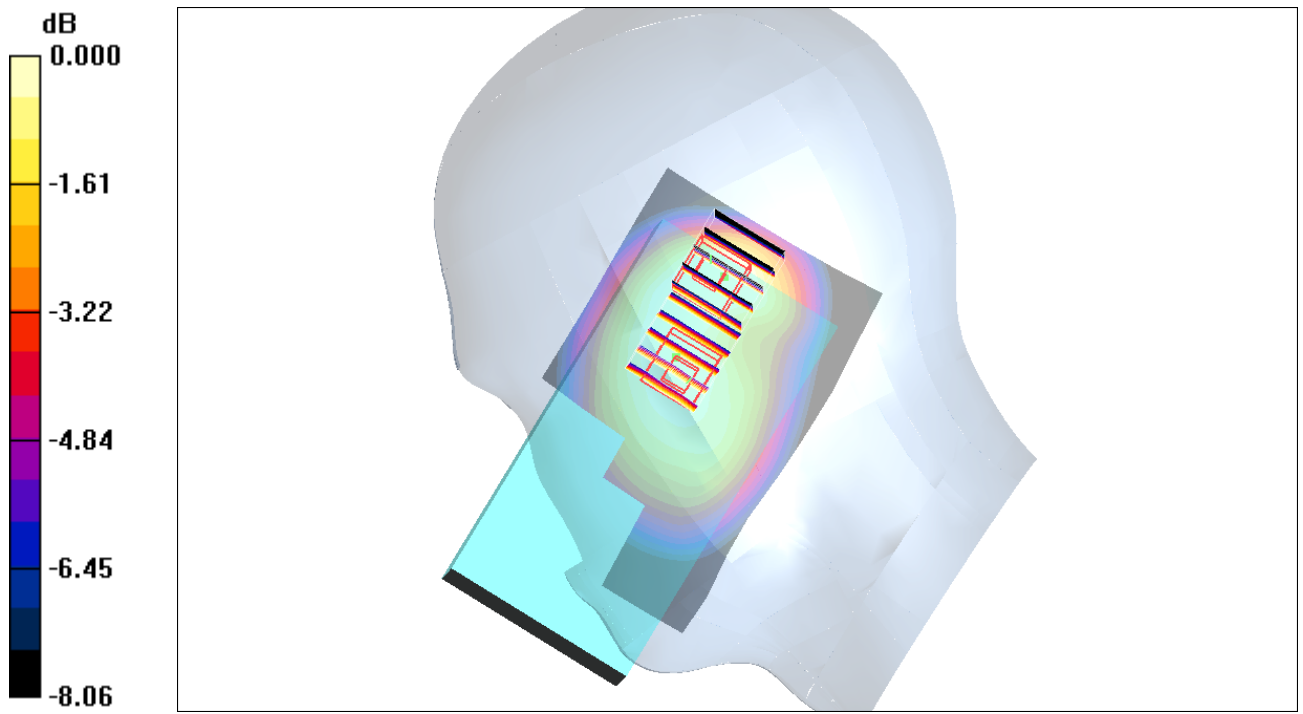
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

## #49 GSM850\_Right Tilted\_Ch128

### DUT: 140905

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.874$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.537 mW/g

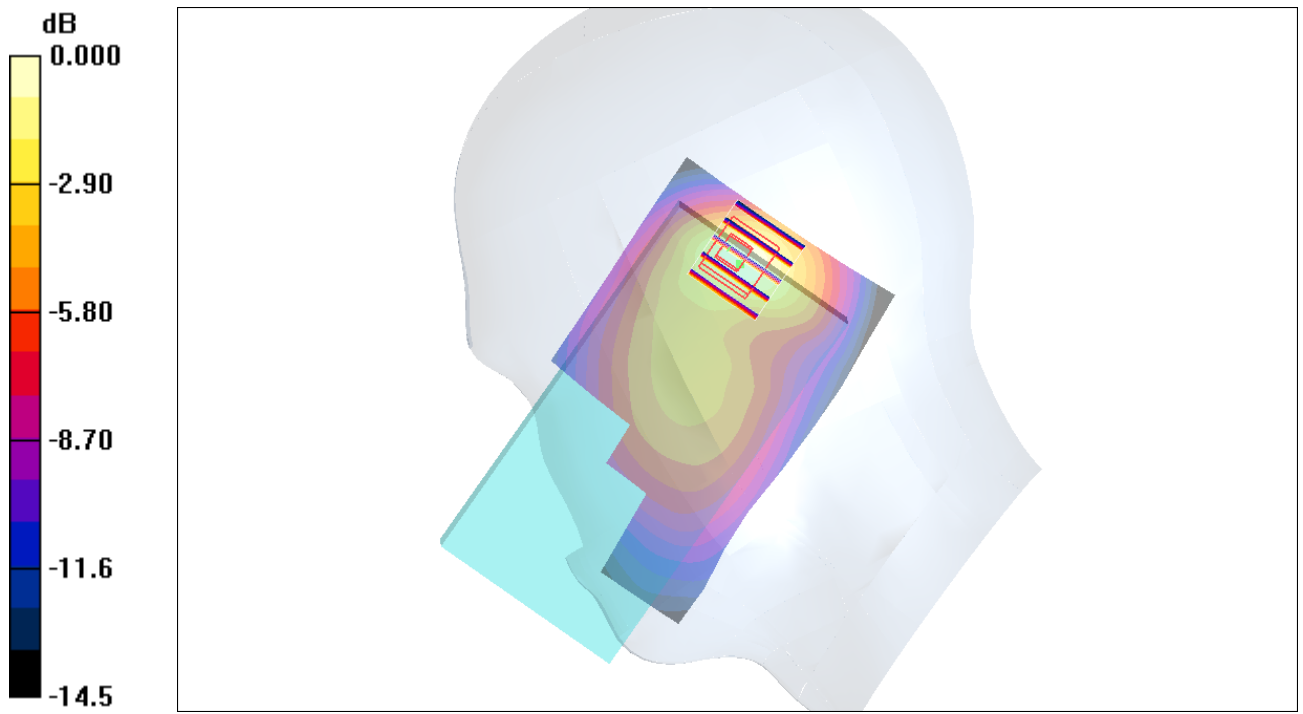
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.513 mW/g



0 dB = 0.513mW/g

**#50 GSM850\_Left Cheek\_Ch128****DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.874$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 0.411 mW/g

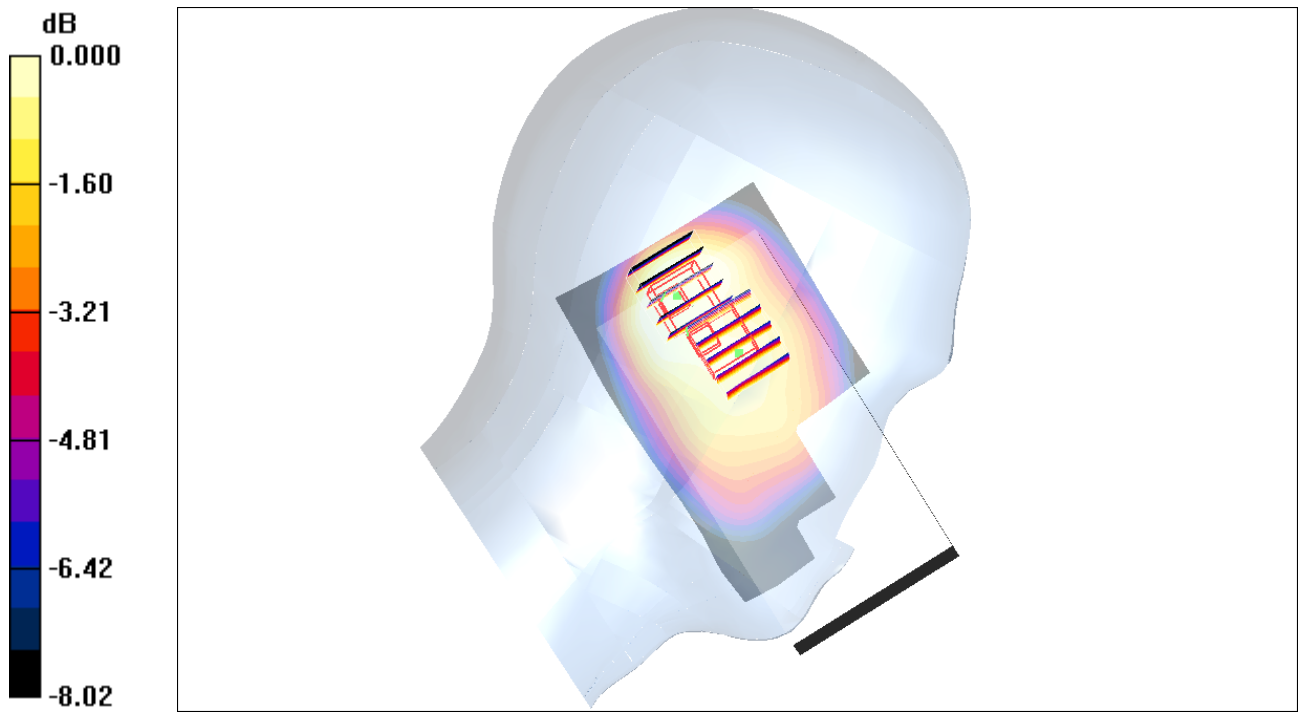
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.278 mW/g



0 dB = 0.278mW/g

## #51 GSM850\_Left Tilted\_Ch128

### DUT: 140905

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.874$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.369 mW/g

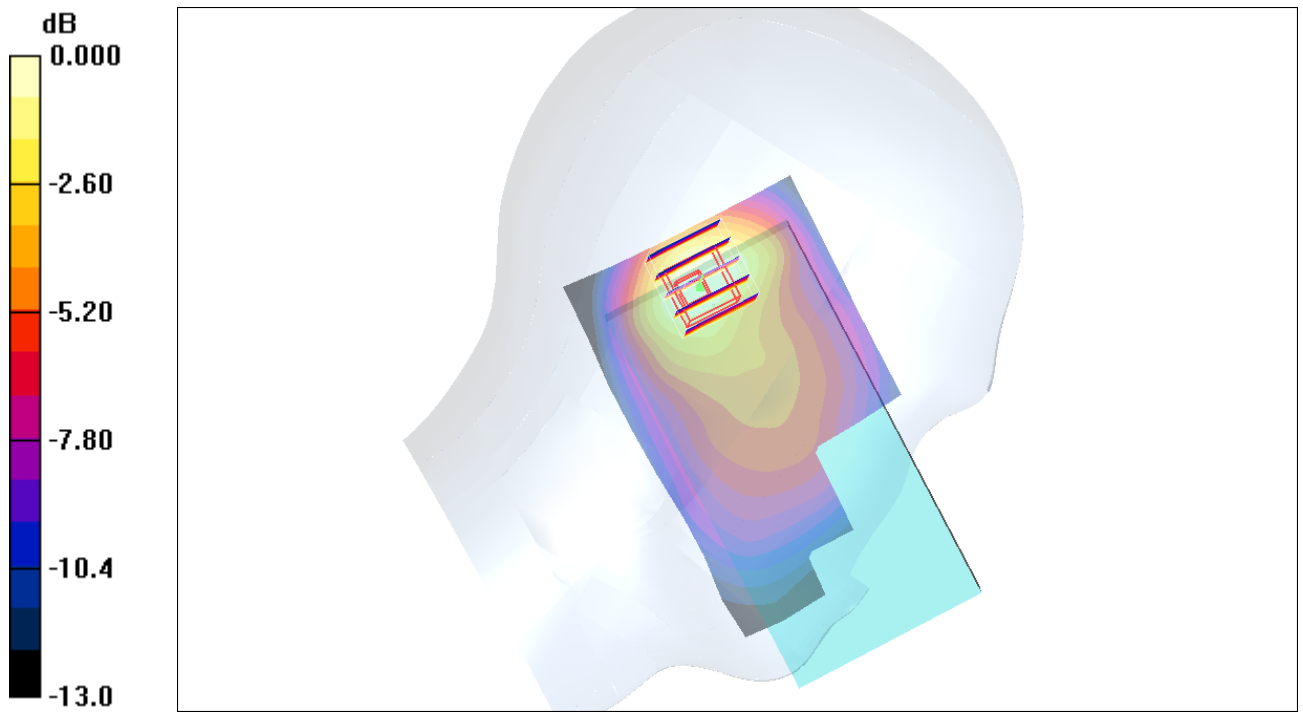
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328mW/g



## #52 GSM850\_Right Tilted\_Ch128\_RS232

### DUT: 140905

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.874$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.777 mW/g

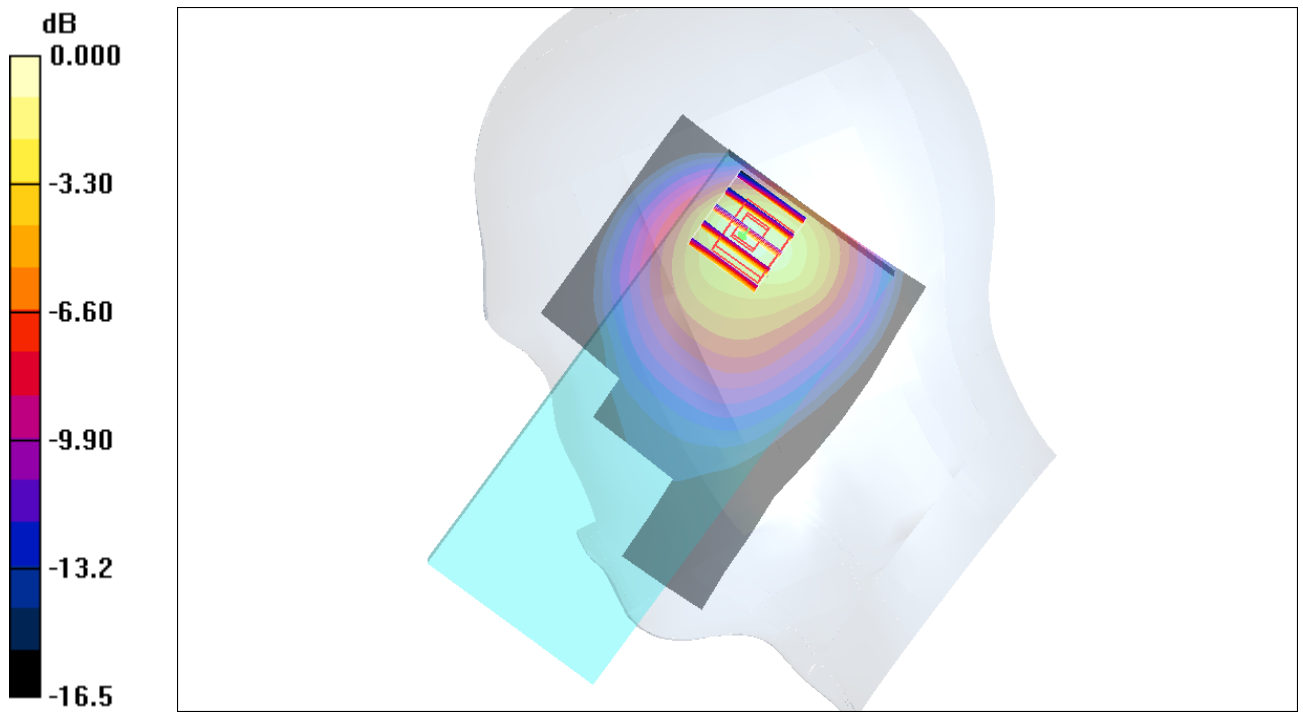
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (measured) = 0.837 mW/g



0 dB = 0.837mW/g

## #52 GSM850\_Right Tilted\_Ch128\_RS232\_2D

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.874$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.777 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.042 dB

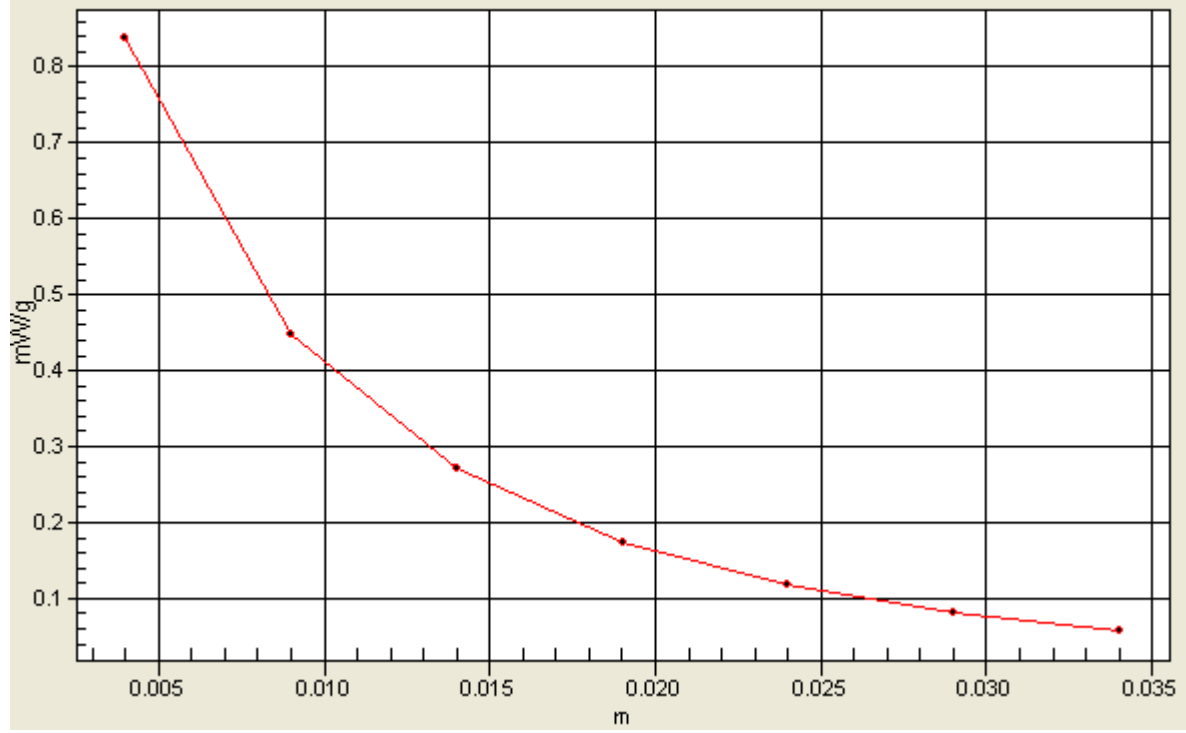
Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.392 mW/g**

Maximum value of SAR (measured) = 0.837 mW/g

# 1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=2, Y=2



## #53 GSM850\_Right Tilted\_Ch128\_USB

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.874$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.464 mW/g

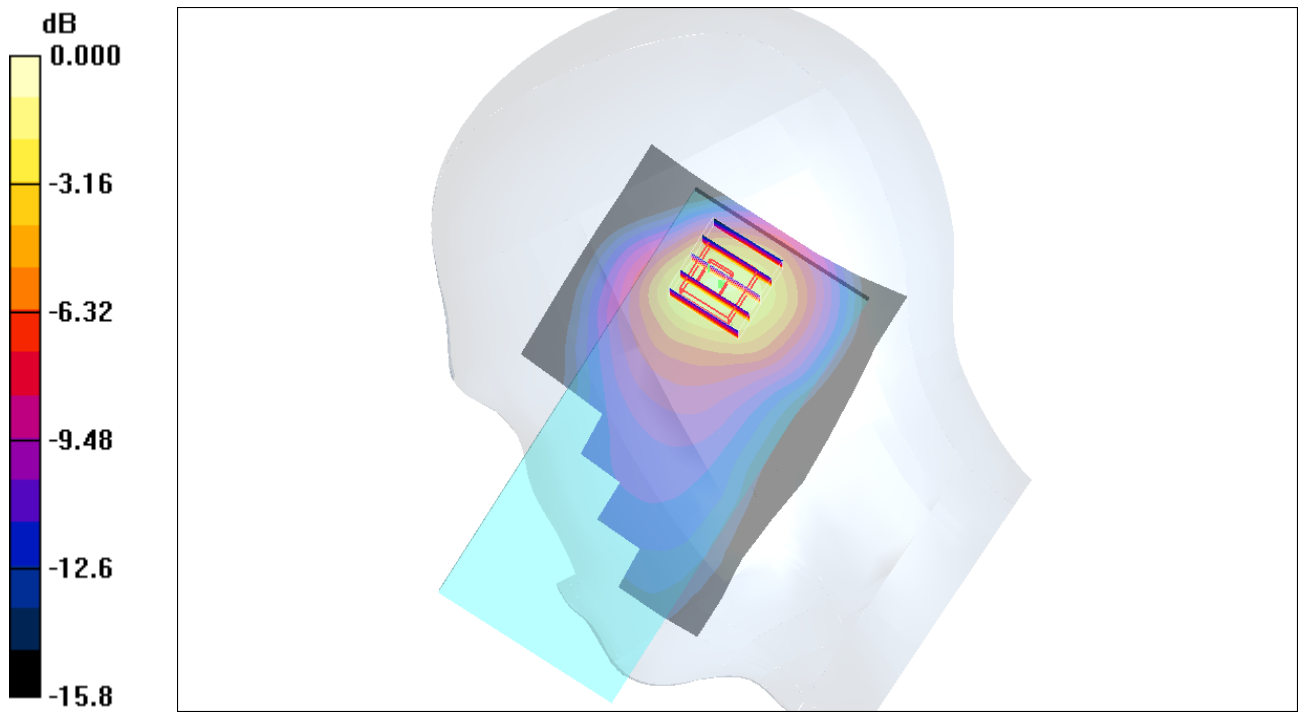
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.718 mW/g



0 dB = 0.718mW/g

## #57 GSM1900\_Right Cheek\_Ch661

### DUT: 140905

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.271 mW/g

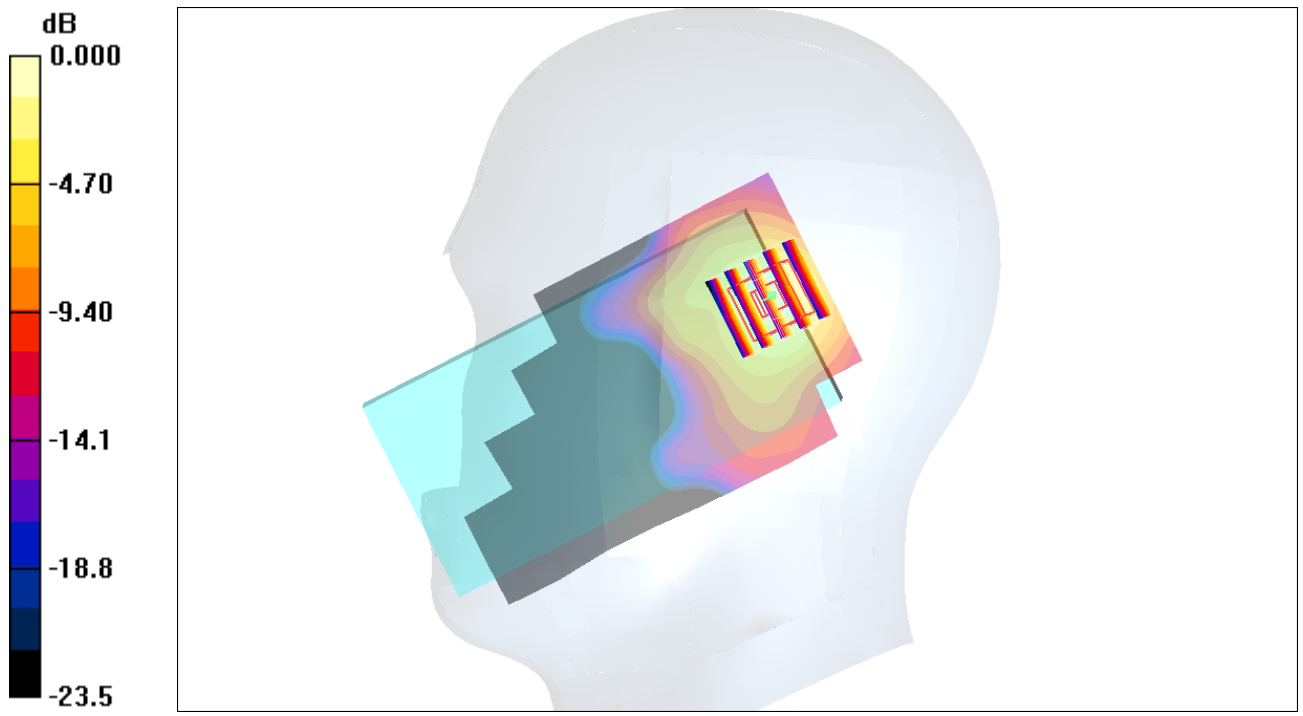
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.271mW/g



## #58 GSM1900\_Right Tilted\_Ch661

### DUT: 140905

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.346 mW/g

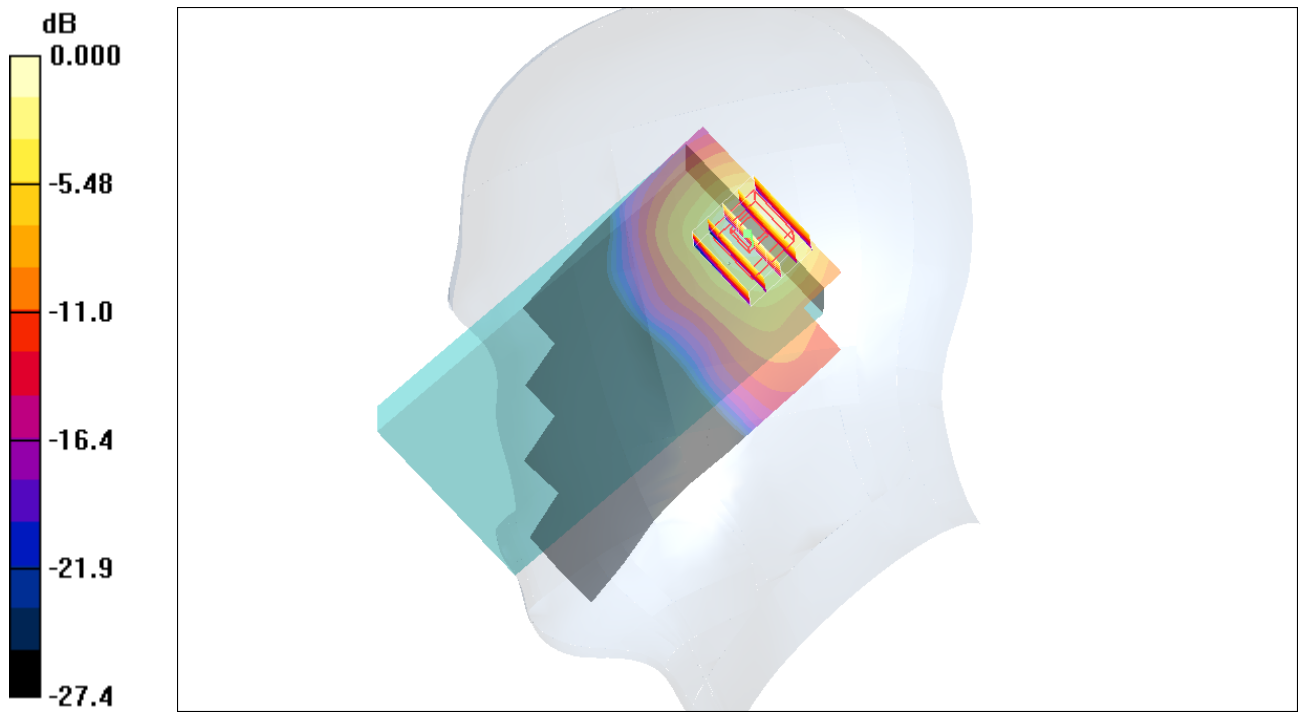
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.374mW/g

## #58 GSM1900\_Right Tilted\_Ch661\_2D

### DUT: 140905

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.346 mW/g

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

Reference Value = 10.1 V/m; Power Drift = 0.135 dB

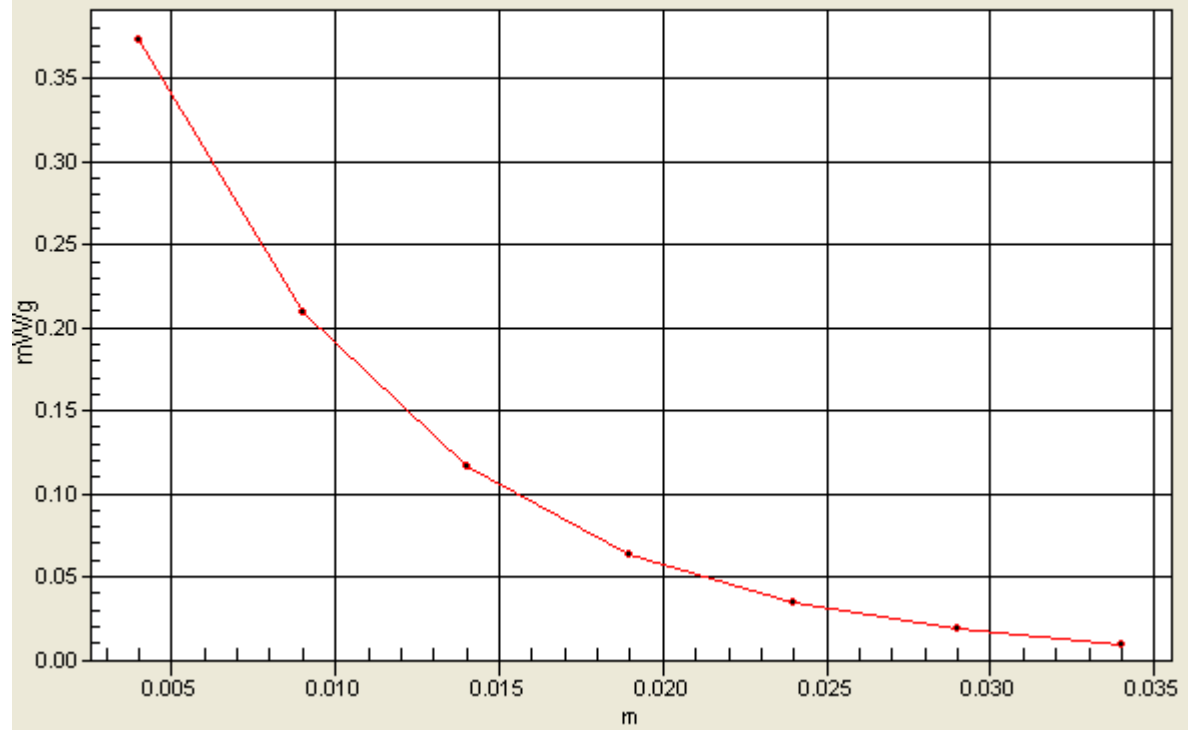
Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.374 mW/g

# 1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=2, Y=2



## #59 GSM1900\_Left Cheek\_Ch661

**DUT: 140905**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.228 mW/g

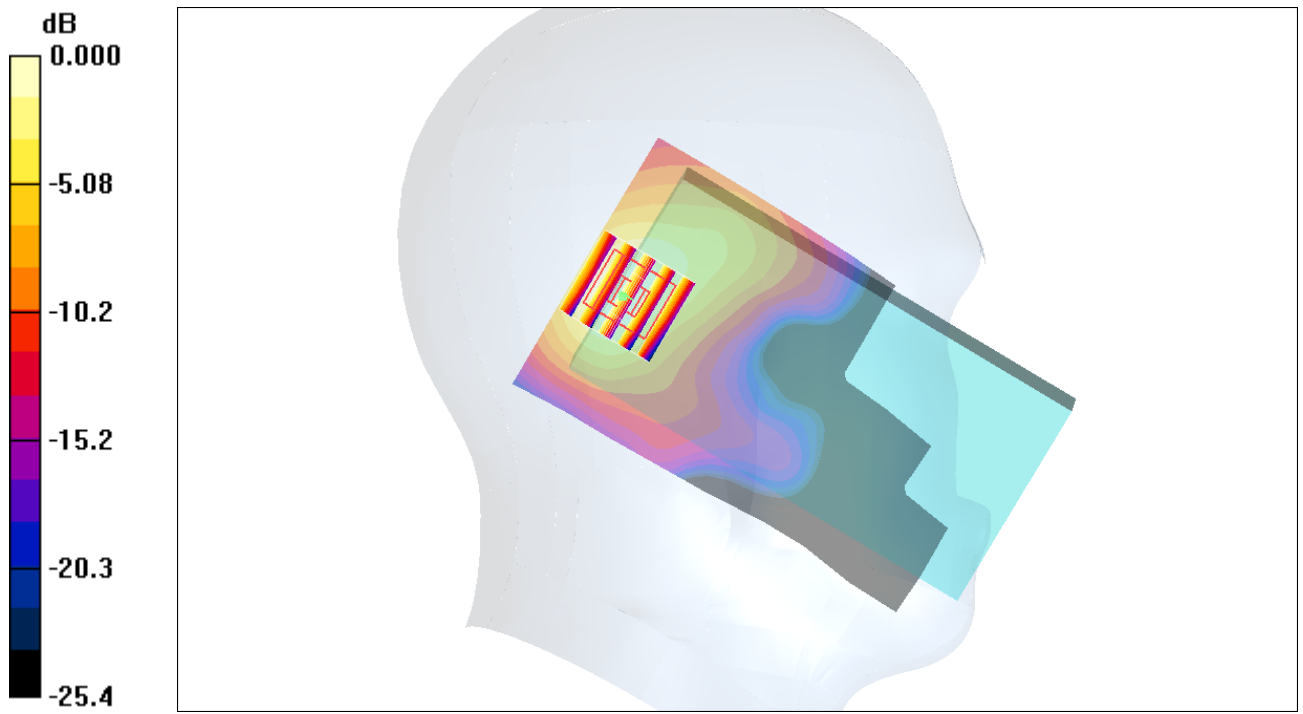
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.108 mW/g**

Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.223mW/g

## #60 GSM1900\_Left Tilted\_Ch661

### DUT: 140905

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.289 mW/g

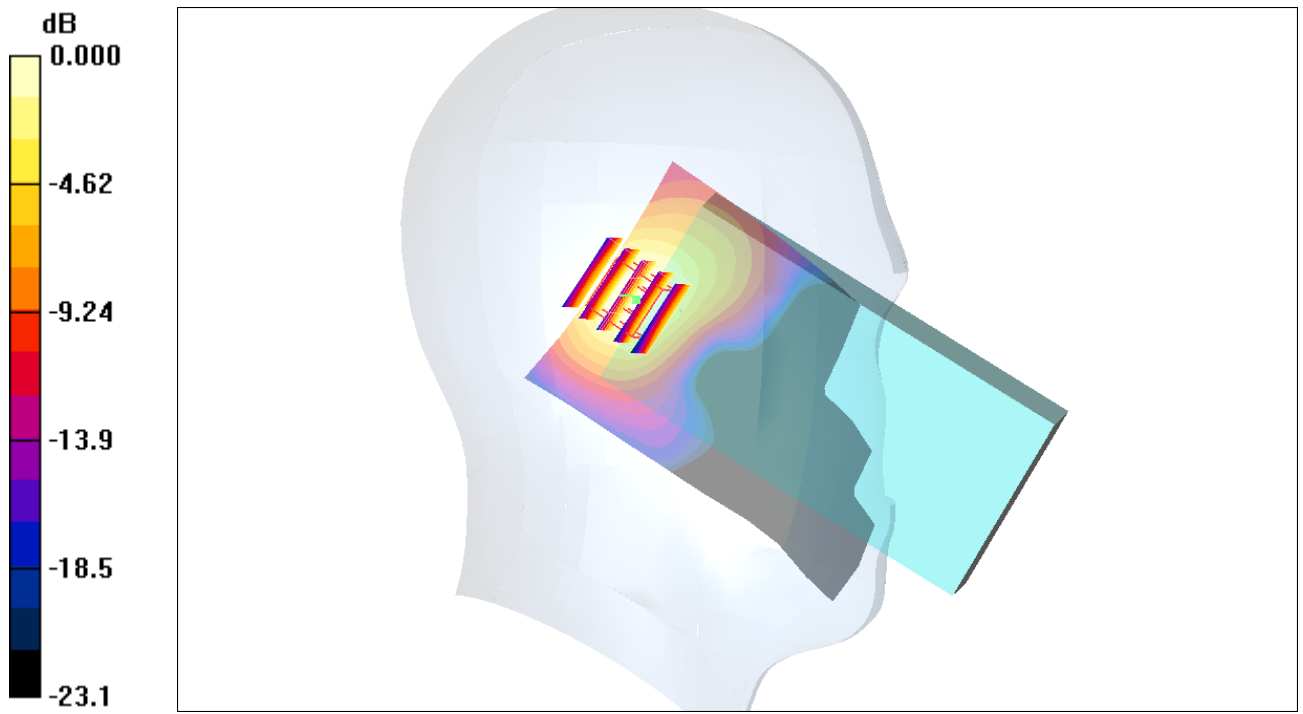
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.75 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.274 mW/g



0 dB = 0.274mW/g



## #61 GSM1900\_Right Tilted\_Ch661\_RS232

### DUT: 140905

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.359 mW/g

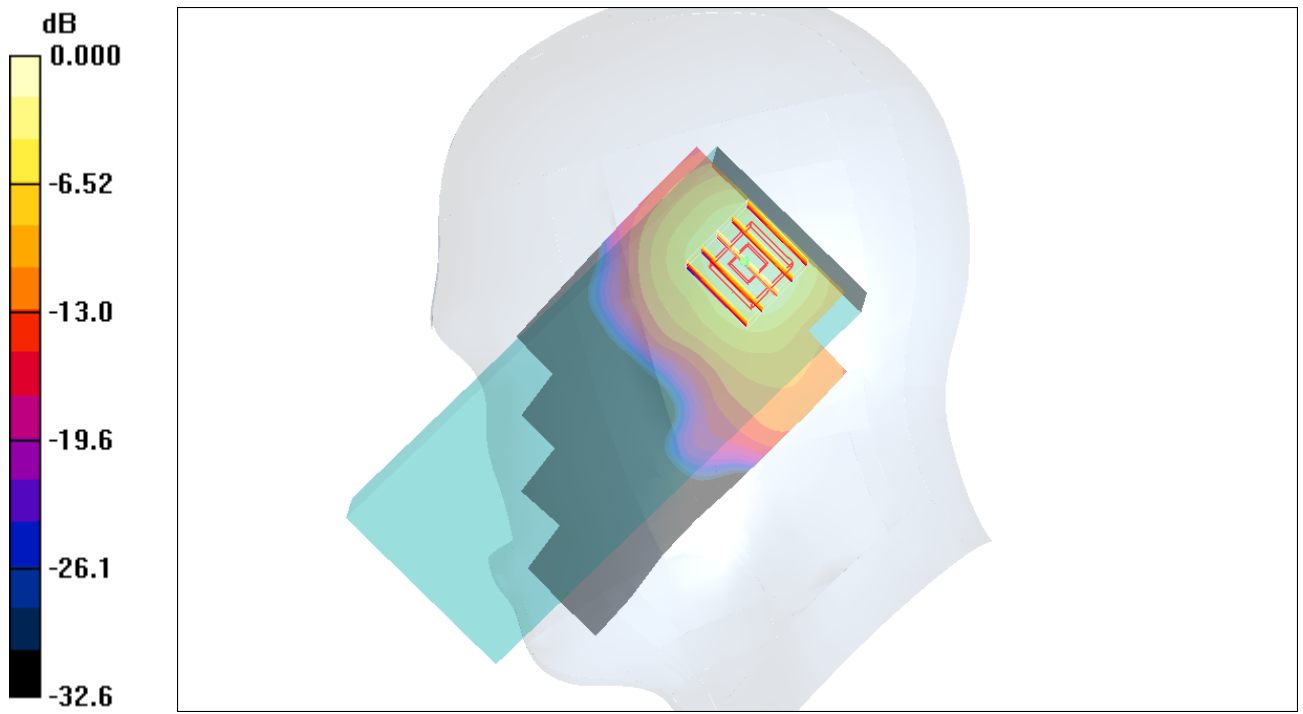
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.362 mW/g



0 dB = 0.362mW/g

## #62 GSM1900\_Right Tilted\_Ch661\_USB

**DUT: 140905**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$   
mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.371 mW/g

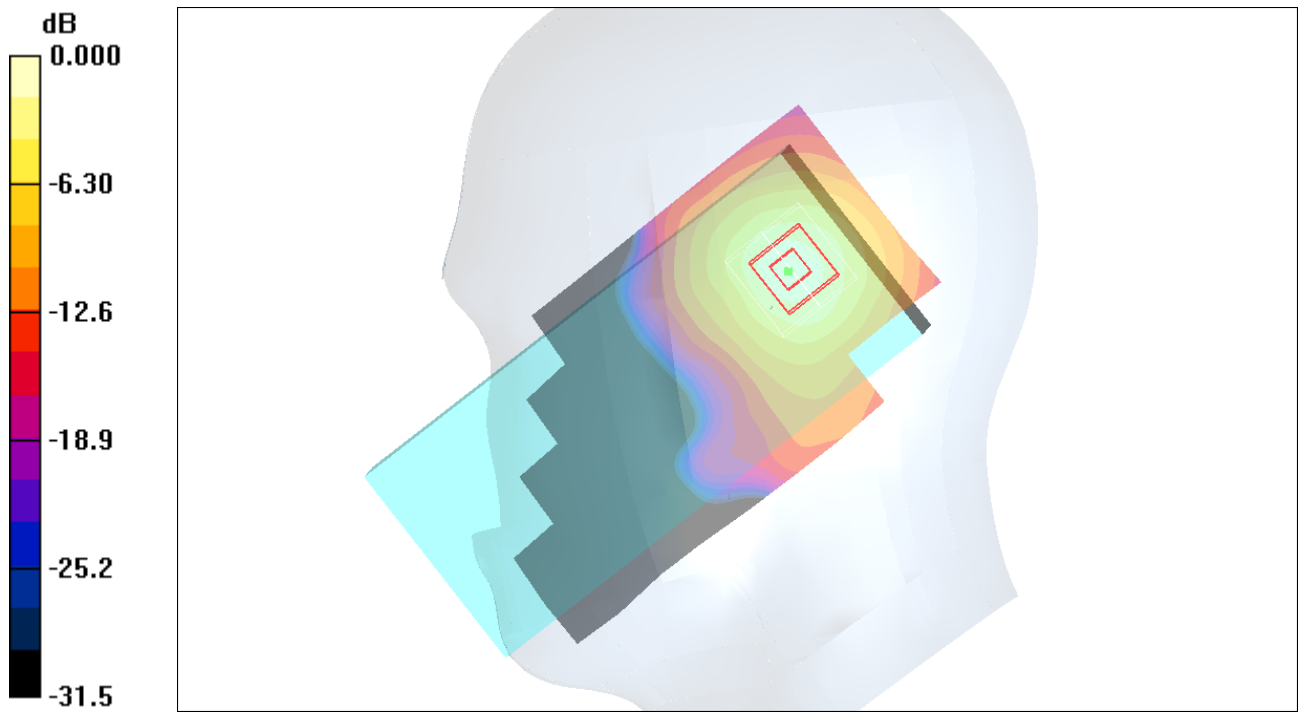
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 11.5 V/m; Power Drift = 0.086 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.372 mW/g



0 dB = 0.372mW/g

## #67 WCDMA V\_RMC12.2K\_Right Cheek\_Ch4182

**DUT: 140905**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.885$   
mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.639 mW/g

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

Reference Value = 22.8 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.366 mW/g**

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

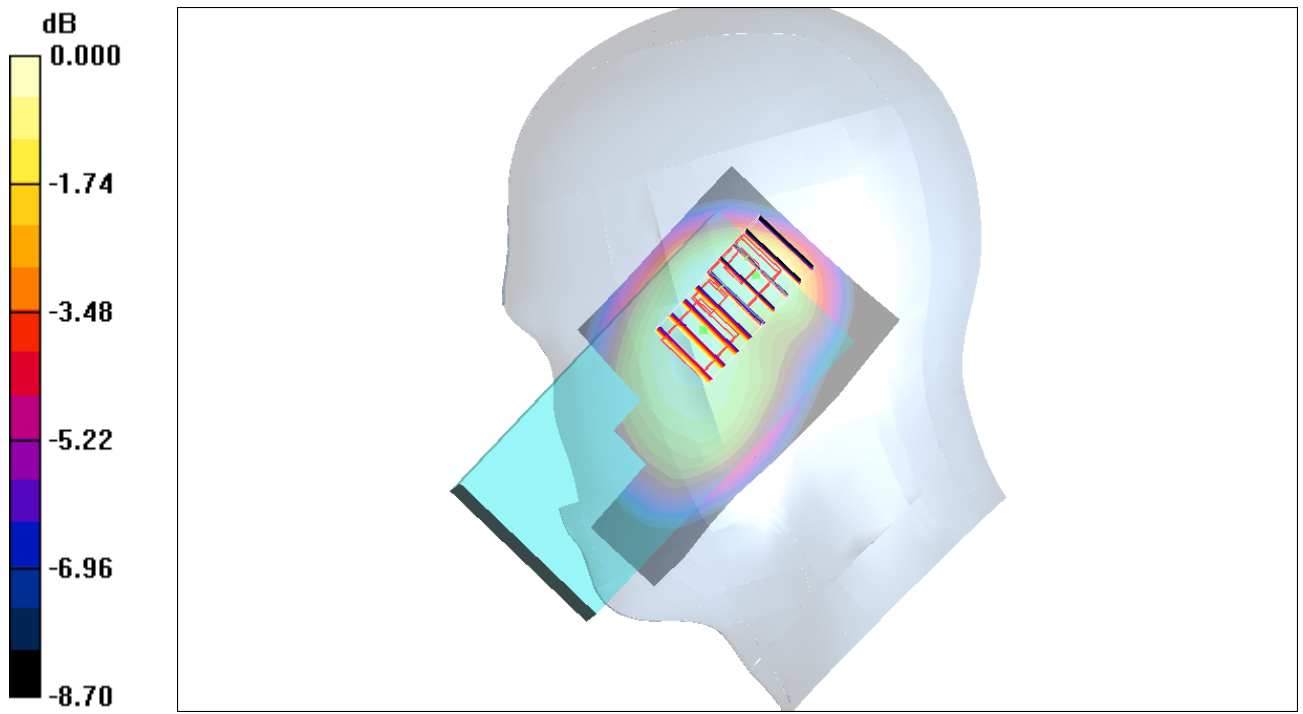
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 22.8 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.571 W/kg

**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.340 mW/g**

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.482mW/g

## #68 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4182

**DUT: 140905**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.885$   
mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.731 mW/g

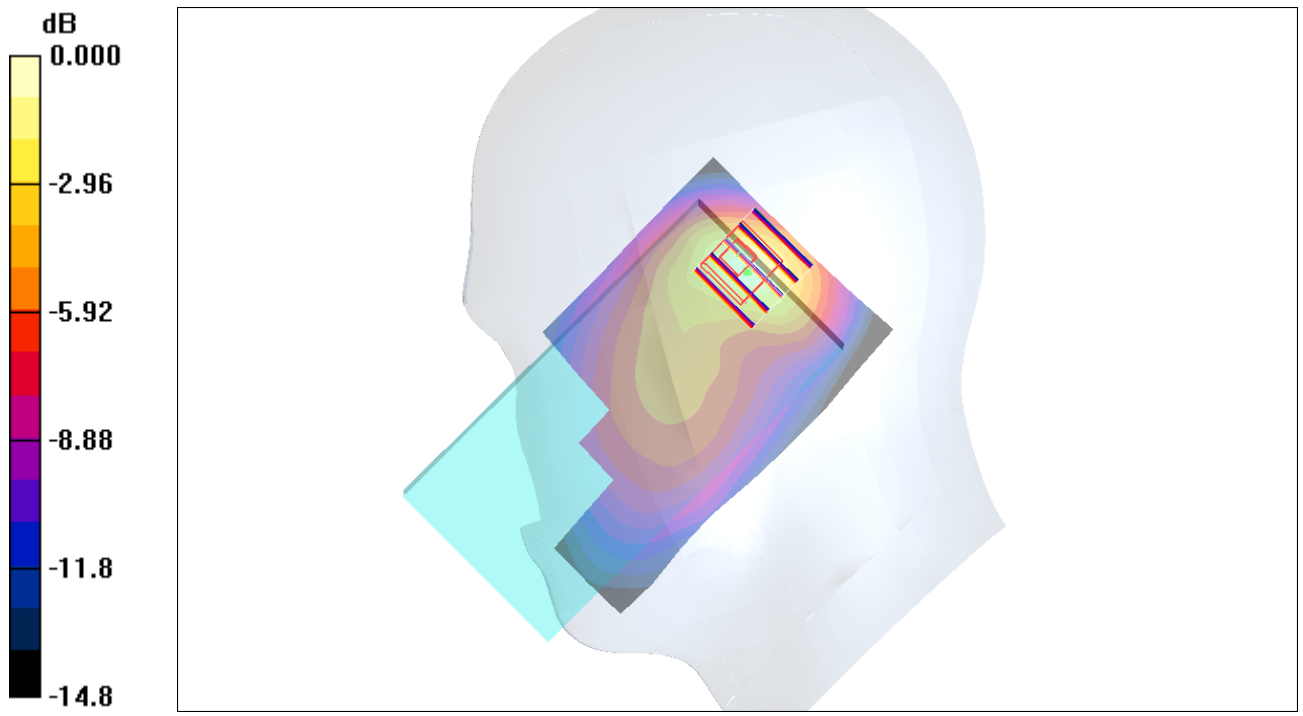
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.356 mW/g**

Maximum value of SAR (measured) = 0.780 mW/g



0 dB = 0.780mW/g



## #69 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4182

**DUT: 140905**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.885$   
mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.562 mW/g

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

Reference Value = 22.8 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.783 W/kg

**SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.317 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g

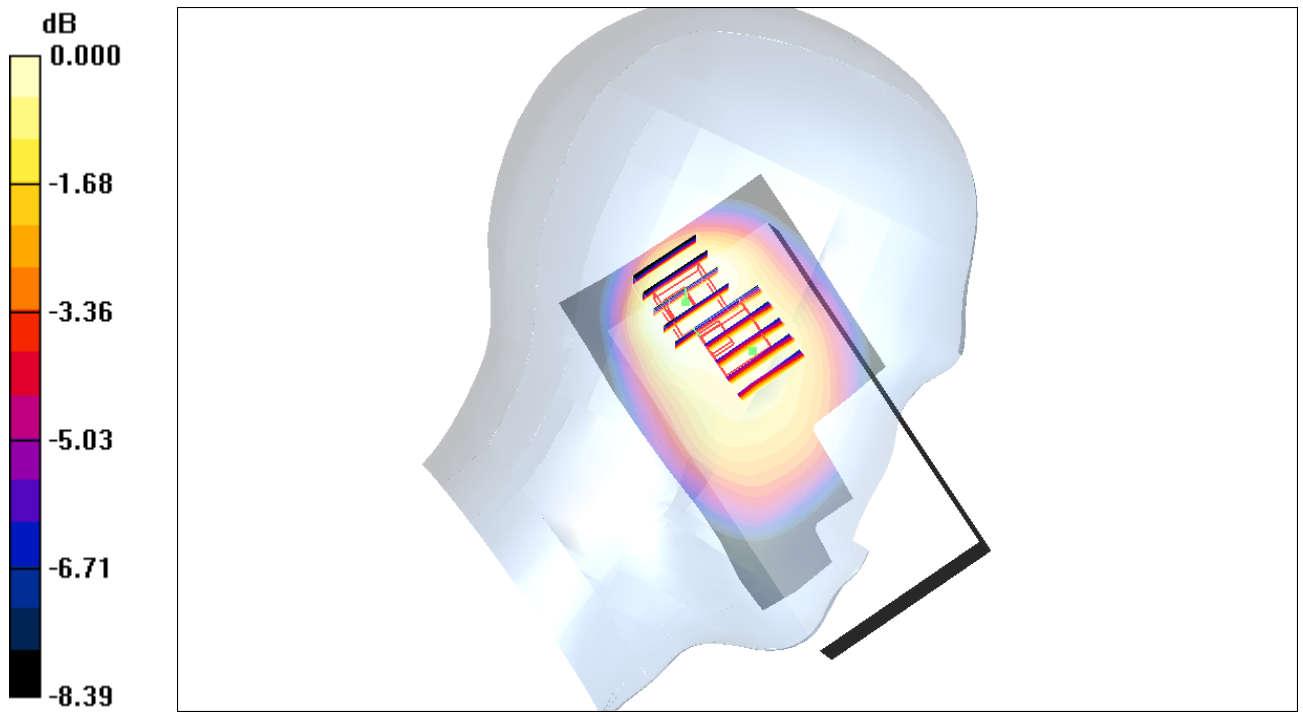
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 22.8 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.273 mW/g**

Maximum value of SAR (measured) = 0.391 mW/g



0 dB = 0.391mW/g

## #70 WCDMA V\_RMC12.2K\_Left Tilted\_Ch4182

### DUT: 140905

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.885$   
mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.517 mW/g

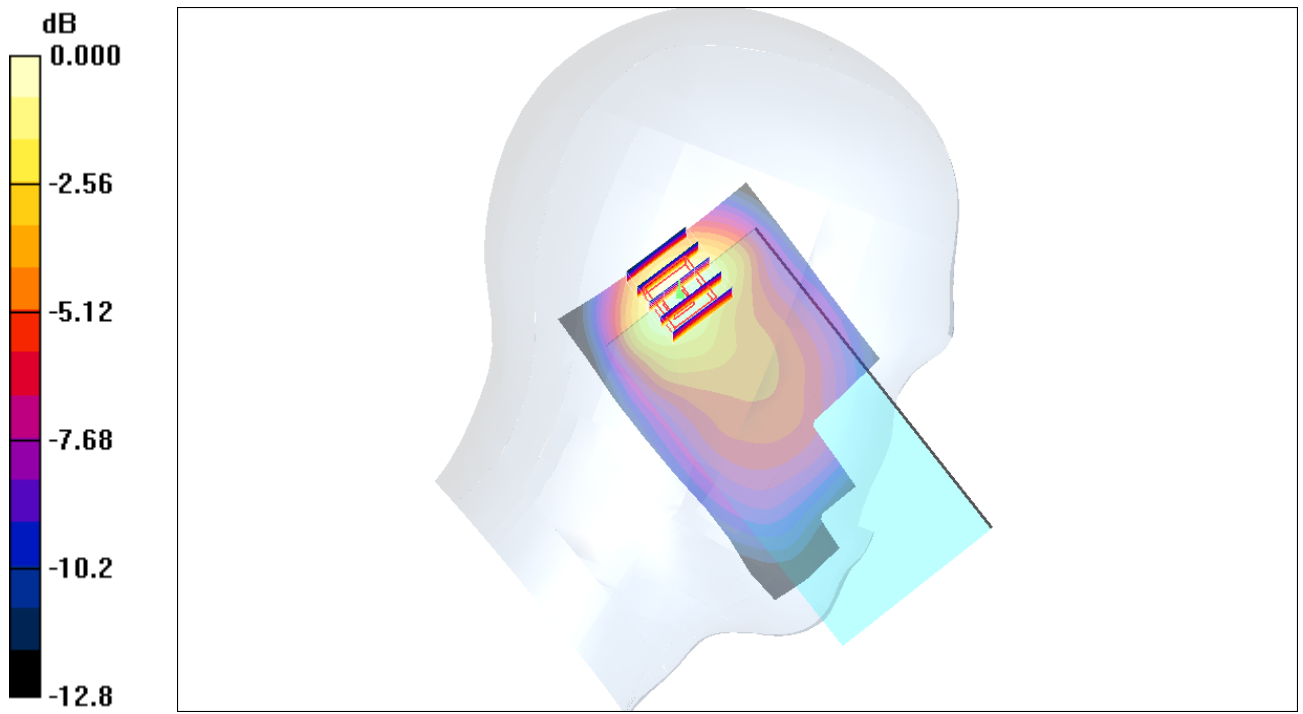
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.275 mW/g**

Maximum value of SAR (measured) = 0.475 mW/g



0 dB = 0.475mW/g

## #71 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4182\_RS232

### DUT: 140905

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.885$   
mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.25 mW/g

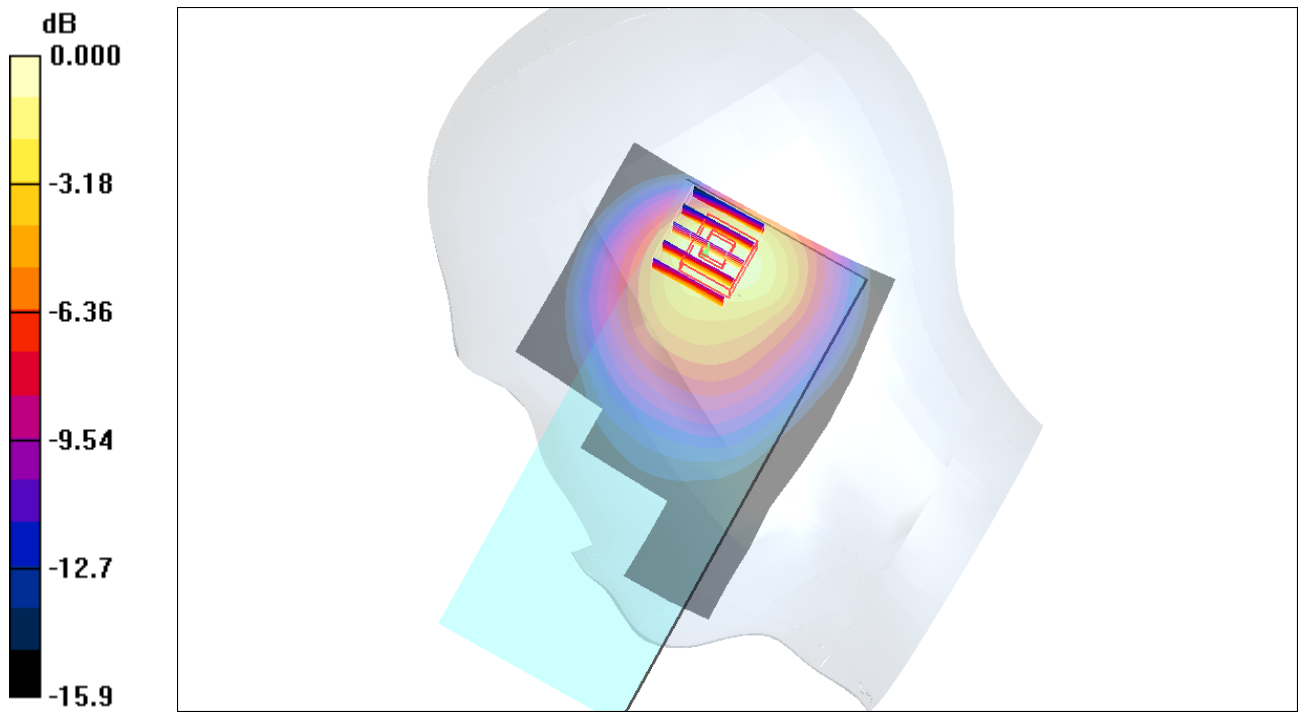
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 27.5 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 2.52 W/kg

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.630 mW/g**

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



0 dB = 1.24mW/g

## #72 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4132\_RS232

**DUT: 140905**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.876$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.870 mW/g

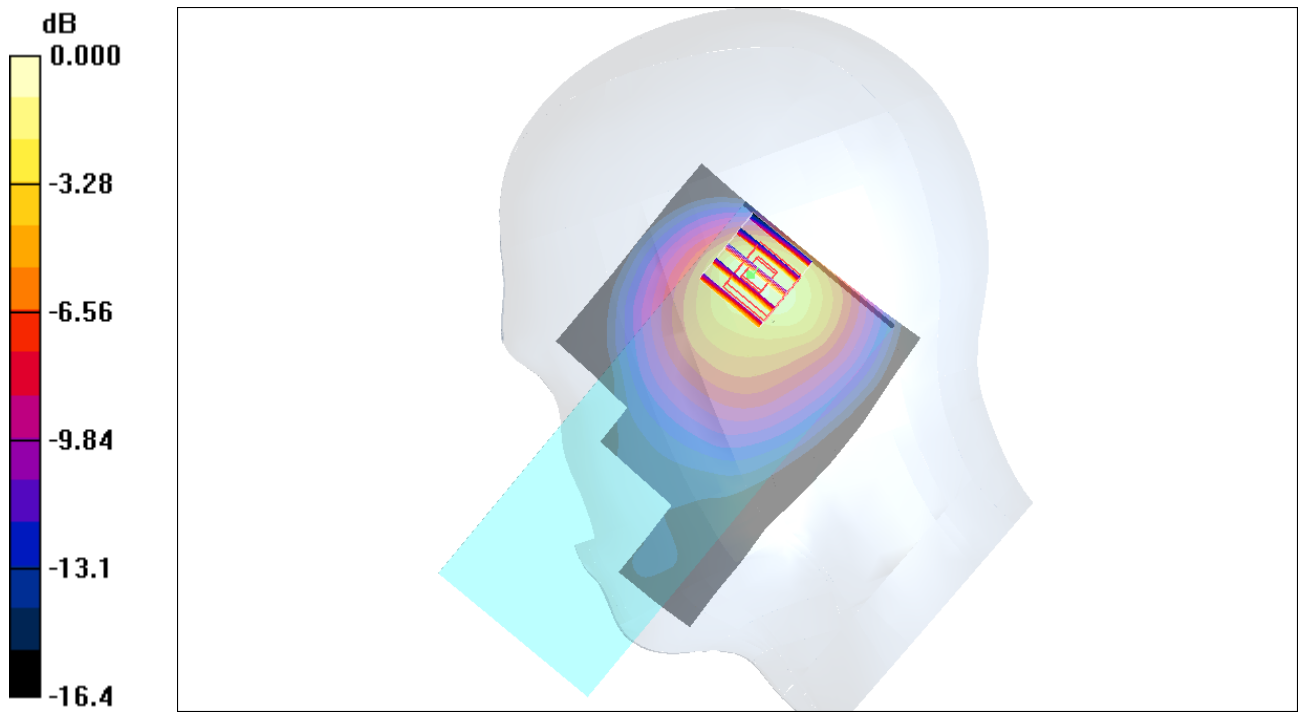
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 22.9 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.438 mW/g**

Maximum value of SAR (measured) = 0.933 mW/g



0 dB = 0.933mW/g



## #73 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4233\_RS232

**DUT: 140905**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.895$   
mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.38 mW/g

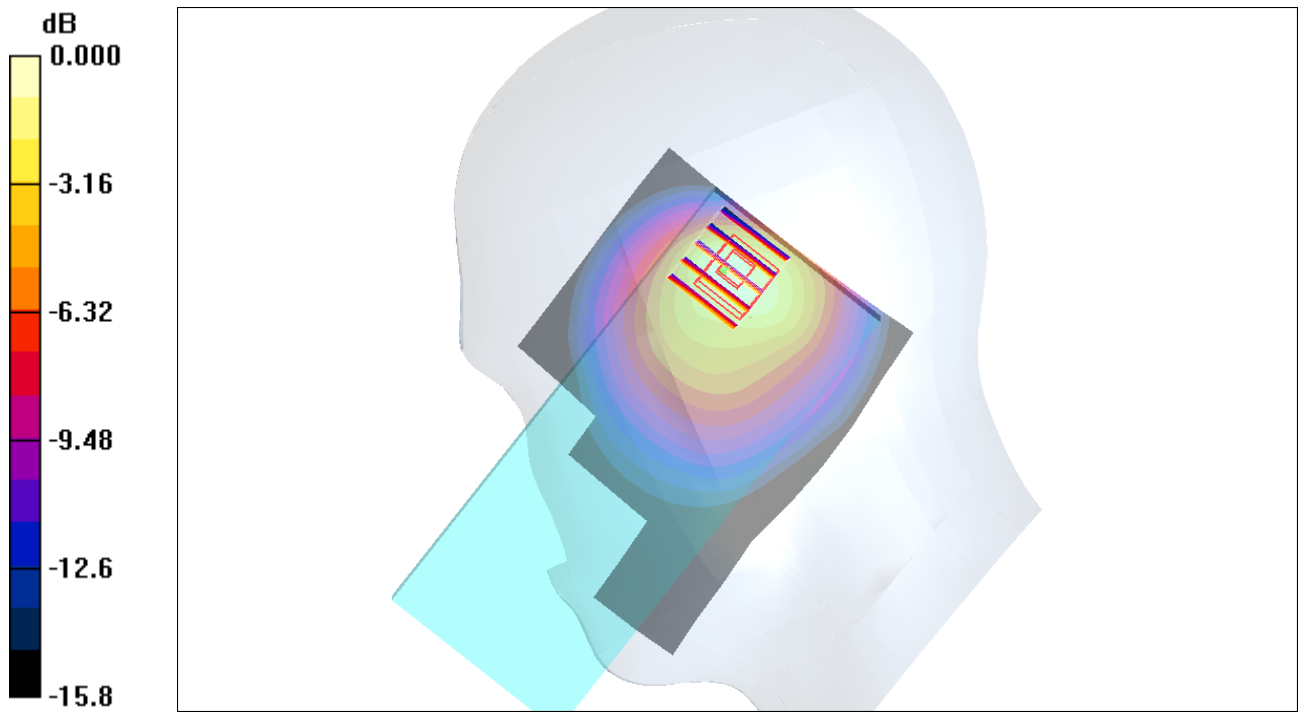
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 28.7 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 2.74 W/kg

**SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.695 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g



0 dB = 1.37mW/g

## #73 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4233\_RS232\_2D

**DUT: 140905**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.895$   
mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.38 mW/g

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

Reference Value = 28.7 V/m; Power Drift = -0.048 dB

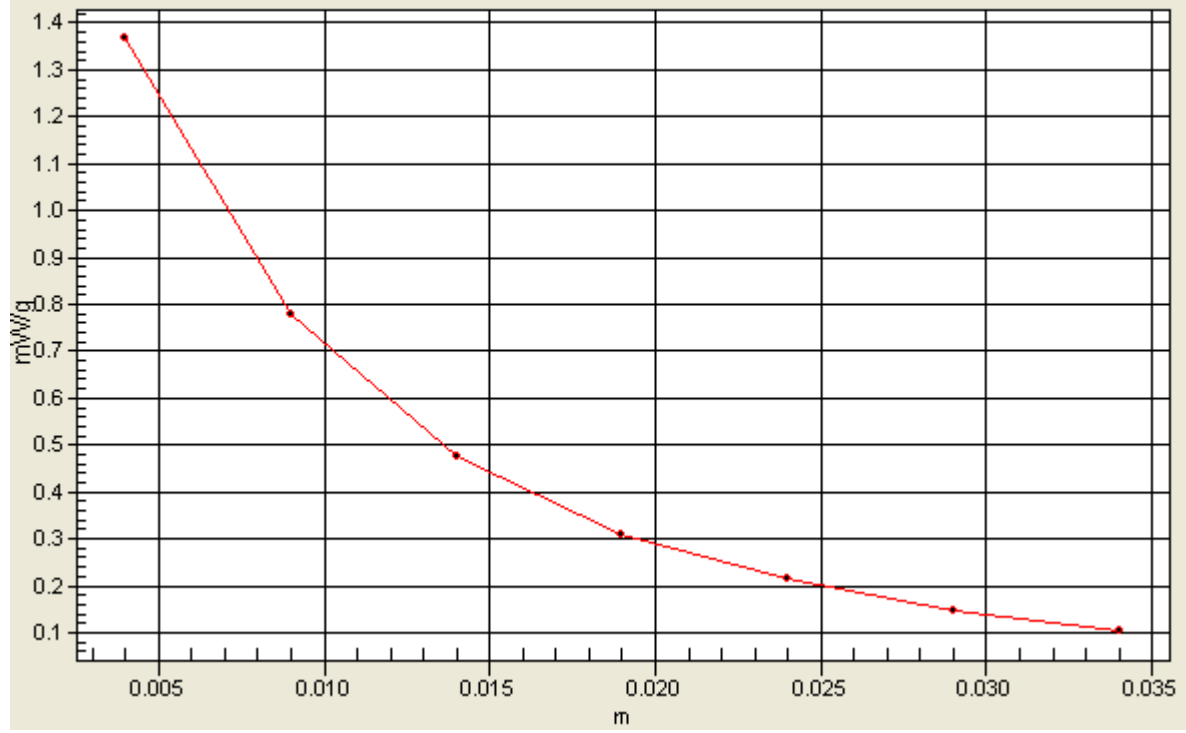
Peak SAR (extrapolated) = 2.74 W/kg

**SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.695 mW/g**

Maximum value of SAR (measured) = 1.37 mW/g

# 1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=2, Y=2



## #74 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4182\_USB

### DUT: 140905

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.885$   
mho/m;  $\epsilon_r = 40.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.746 mW/g

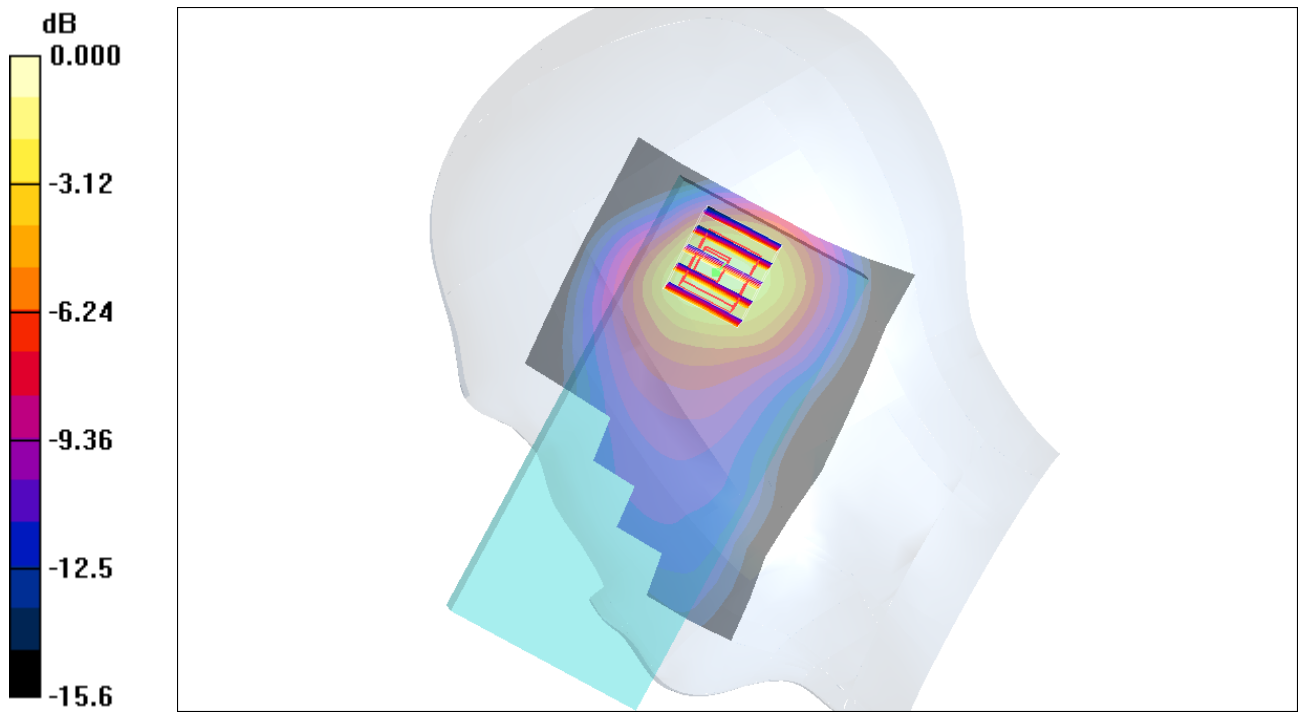
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 22.2 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 2.13 W/kg

**SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.474 mW/g**

Maximum value of SAR (measured) = 1.000 mW/g



0 dB = 1.00mW/g

## #75 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4132\_USB

**DUT: 140905**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.876$   
mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.527 mW/g

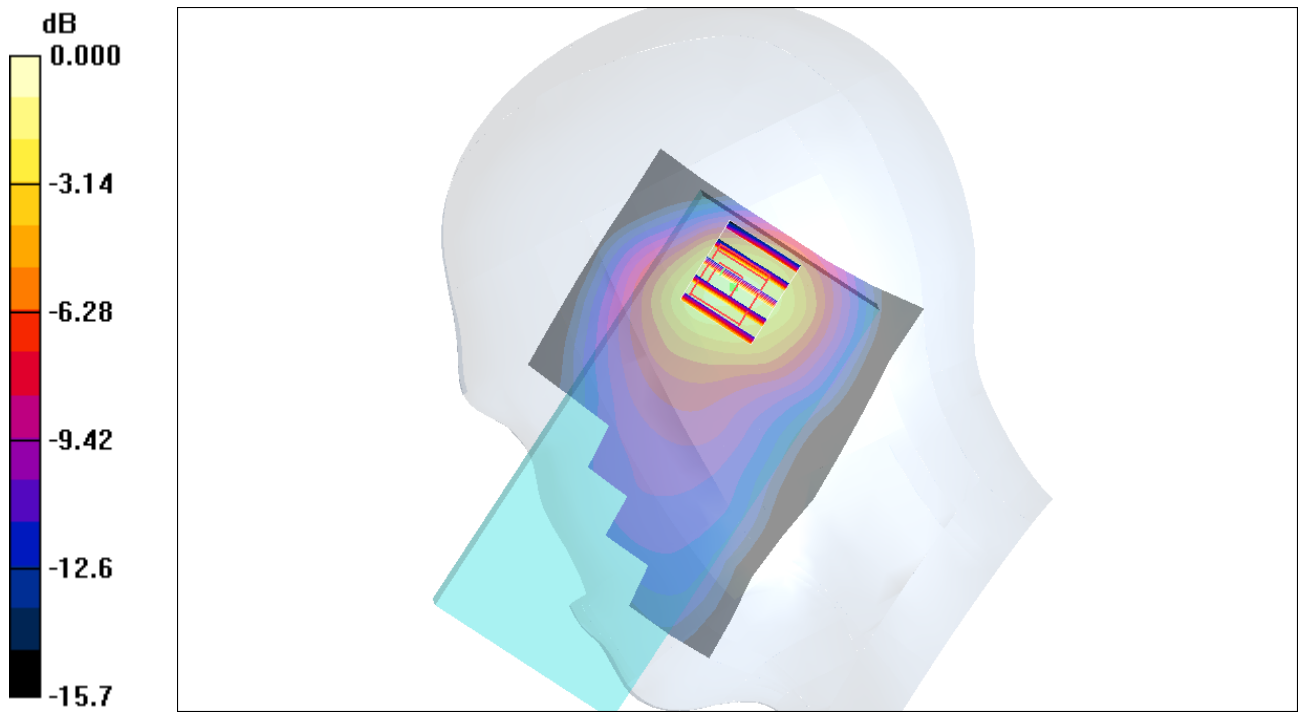
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.328 mW/g**

Maximum value of SAR (measured) = 0.715 mW/g



0 dB = 0.715mW/g



## #76 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4233\_USB

**DUT: 140905**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_850\_110618 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.895$   
mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (61x101x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.862 mW/g

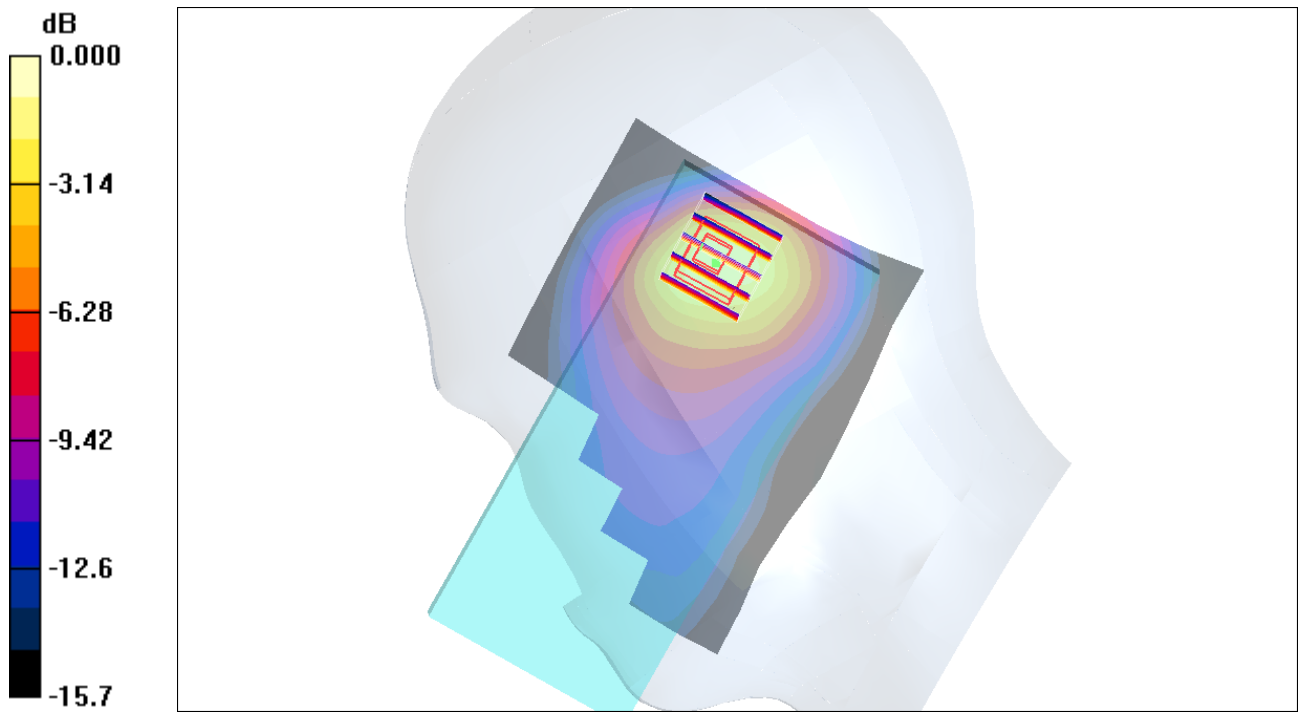
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 23.4 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 2.32 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.529 mW/g**

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



0 dB = 1.10mW/g

### #95 WCDMA IV\_RMC12.2K\_Right Cheek\_Ch1413

**DUT: 140905**

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

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x91x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.842 mW/g

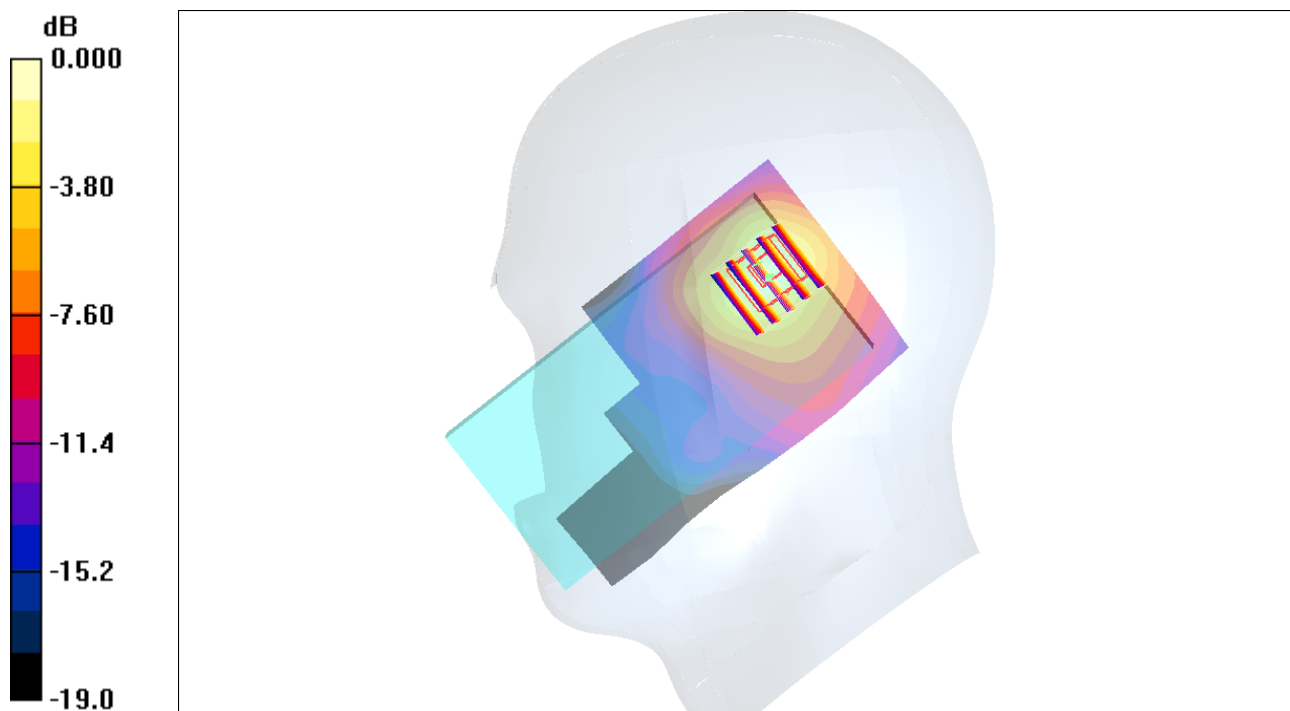
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.1 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.498 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

## #96 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1413

**DUT: 140905**

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

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x91x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.869 mW/g

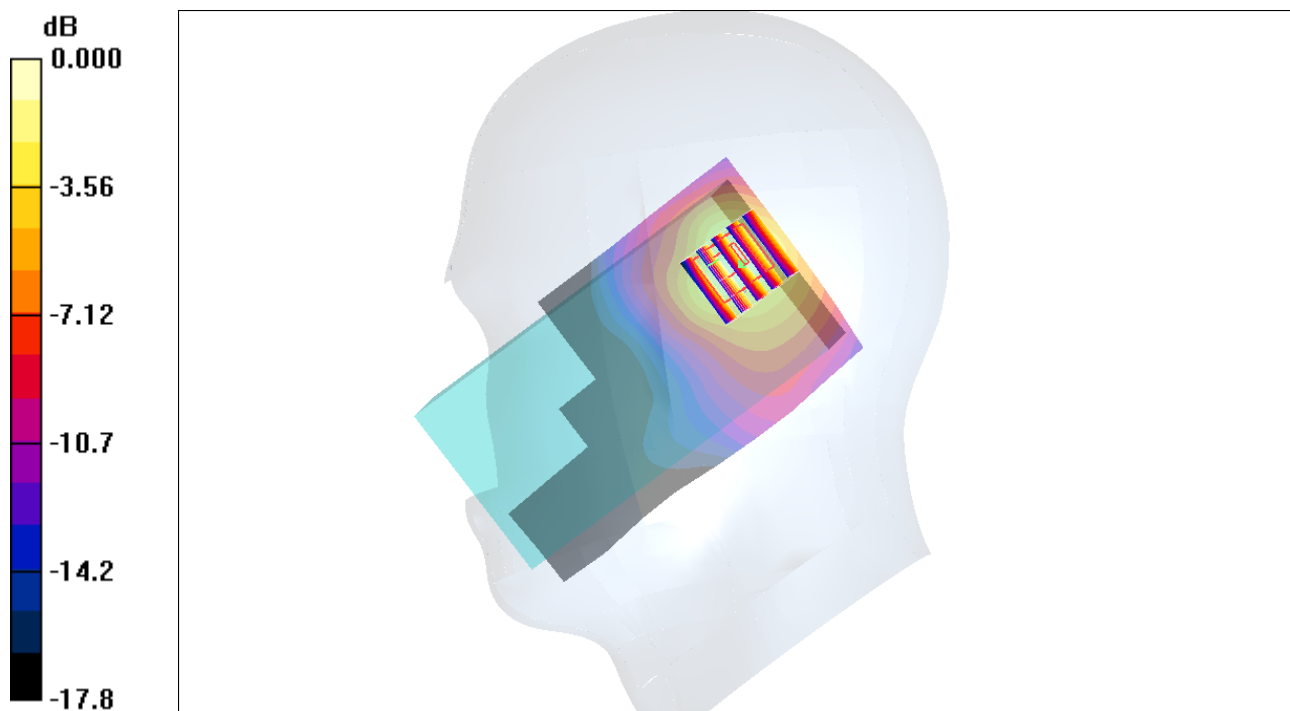
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.7 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 0.934 mW/g



0 dB = 0.934mW/g

## #97 WCDMA IV\_RMC12.2K\_Left Cheek\_Ch1413

**DUT: 140905**

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

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.733 mW/g

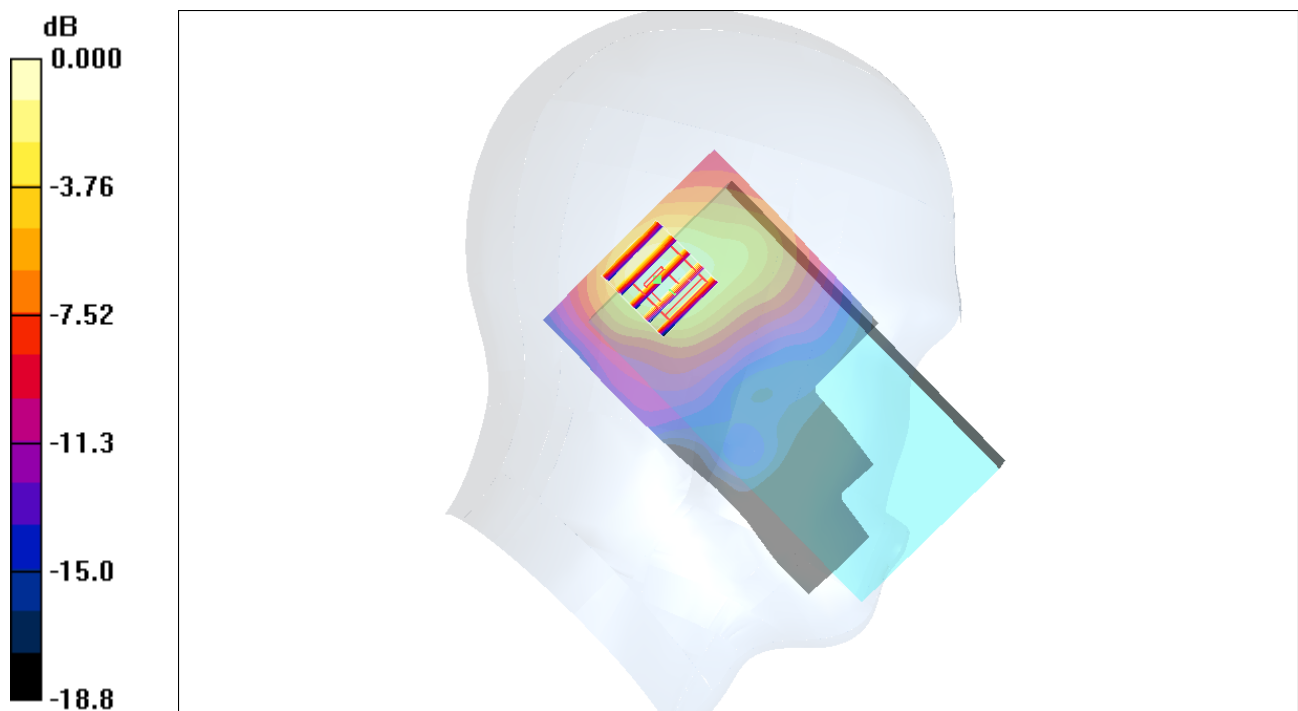
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.401 mW/g**

Maximum value of SAR (measured) = 0.773 mW/g



0 dB = 0.773mW/g

## #98 WCDMA IV\_RMC12.2K\_Left Tilted\_Ch1413

**DUT: 140905**

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

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.851 mW/g

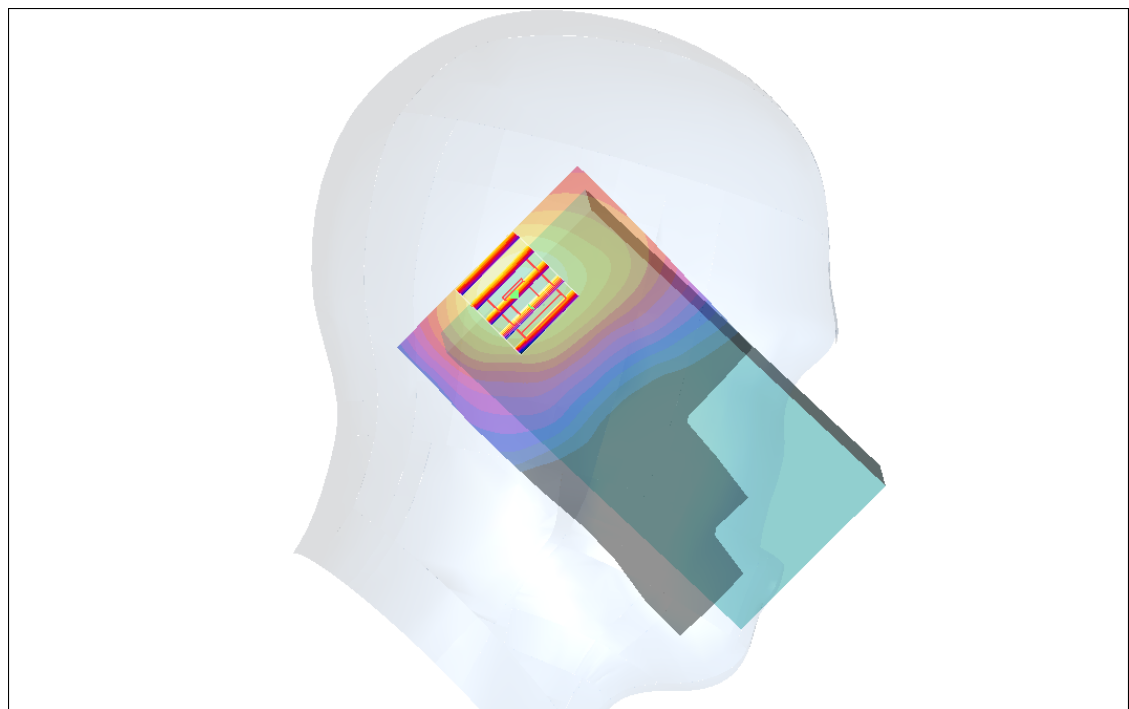
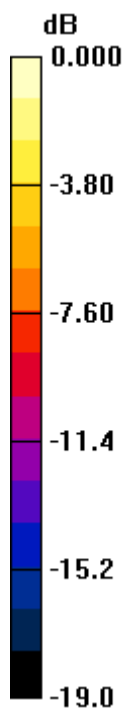
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 0.851 mW/g



0 dB = 0.851mW/g

## #104 WCDMA IV\_RMC12.2K\_Right Cheek\_Ch1312

**DUT: 140905**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.736 mW/g

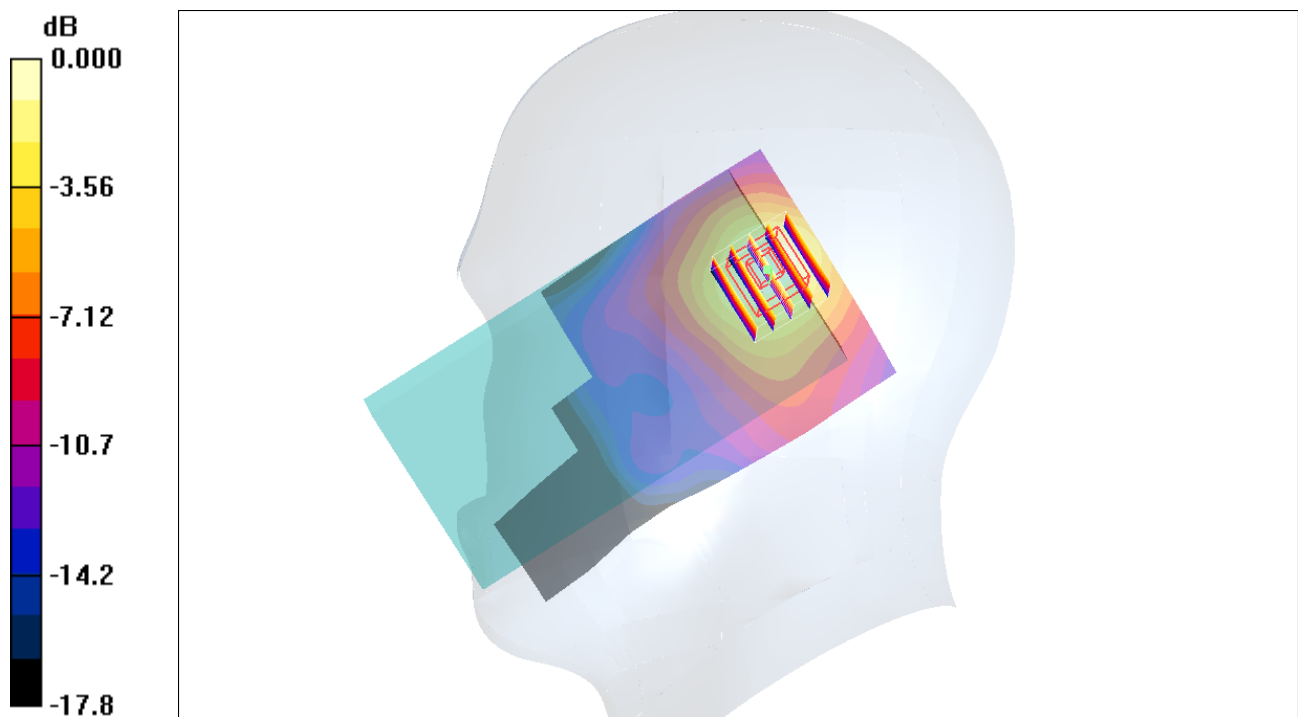
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 0.703 mW/g



0 dB = 0.703mW/g

## #105 WCDMA IV\_RMC12.2K\_Right Cheek\_Ch1513

**DUT: 140905**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x91x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.899 mW/g

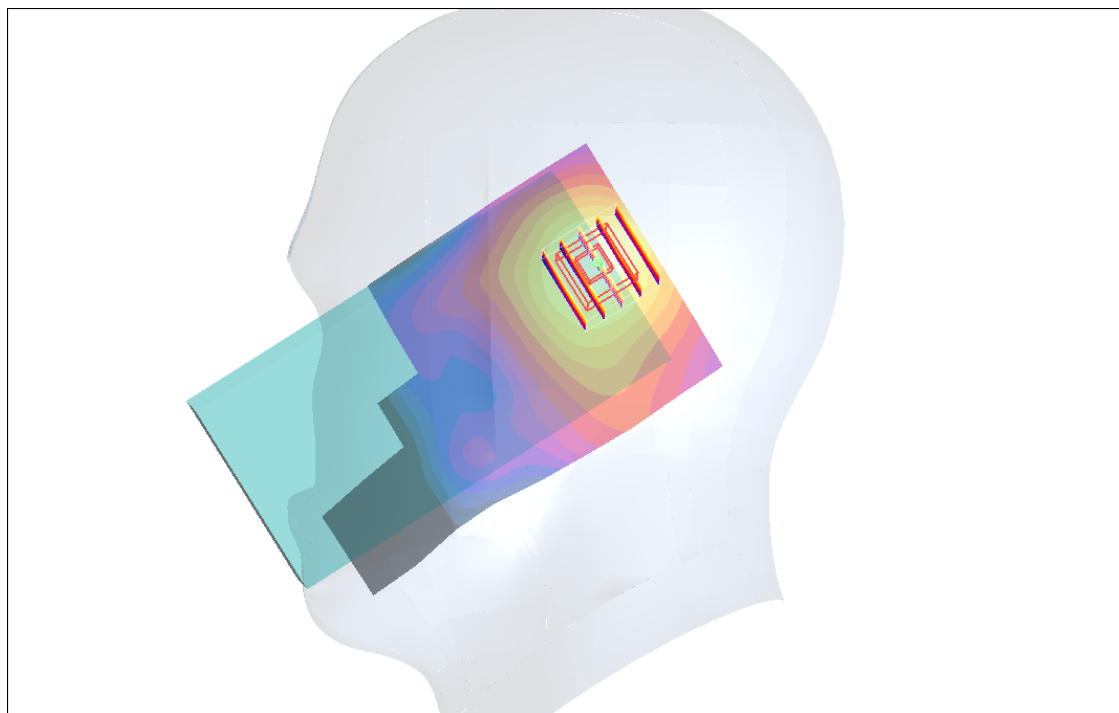
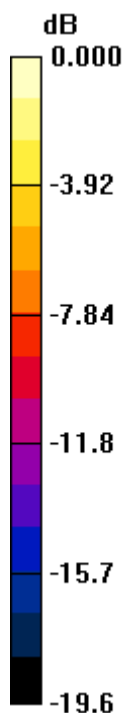
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.4 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.439 mW/g**

Maximum value of SAR (measured) = 0.842 mW/g



0 dB = 0.842mW/g



## #106 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1312

**DUT: 140905**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.939 mW/g

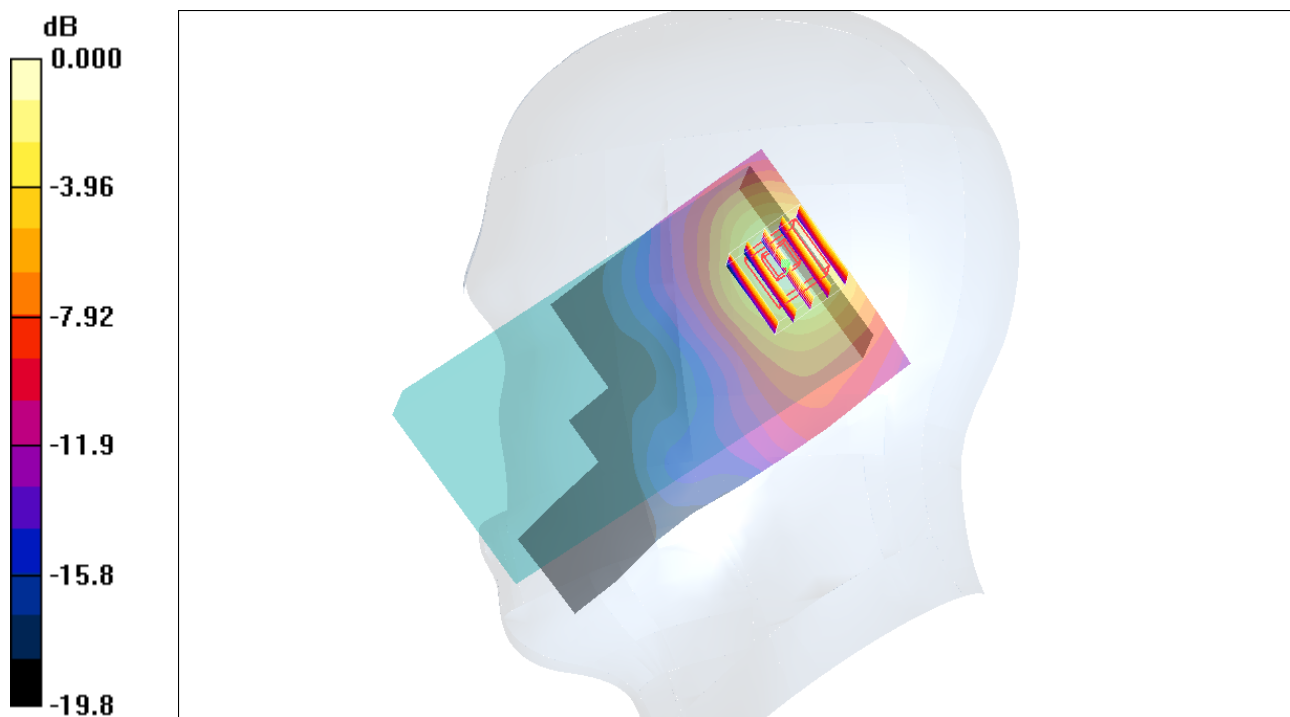
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.459 mW/g**

Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.868mW/g

### #107 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1513

**DUT: 140905**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.1$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x91x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.09 mW/g

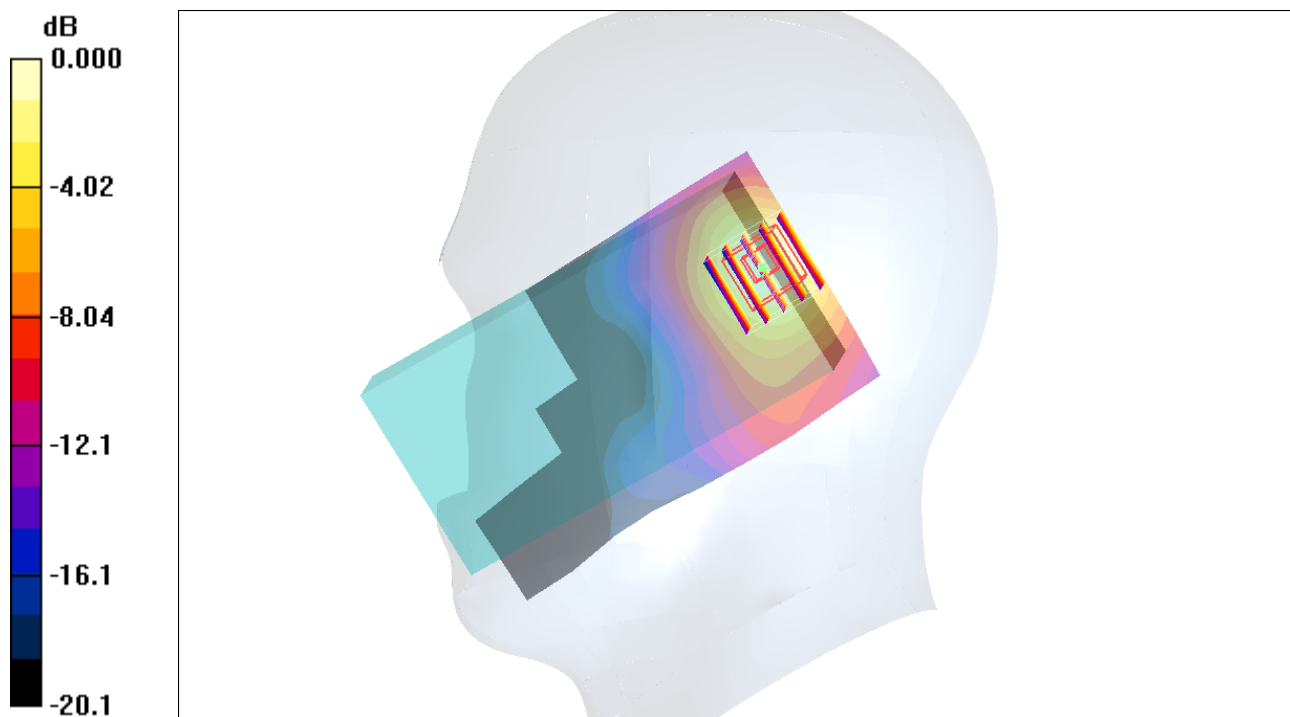
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.5 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.539 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

**#107 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1513\_2D****DUT: 140905**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.09 mW/g

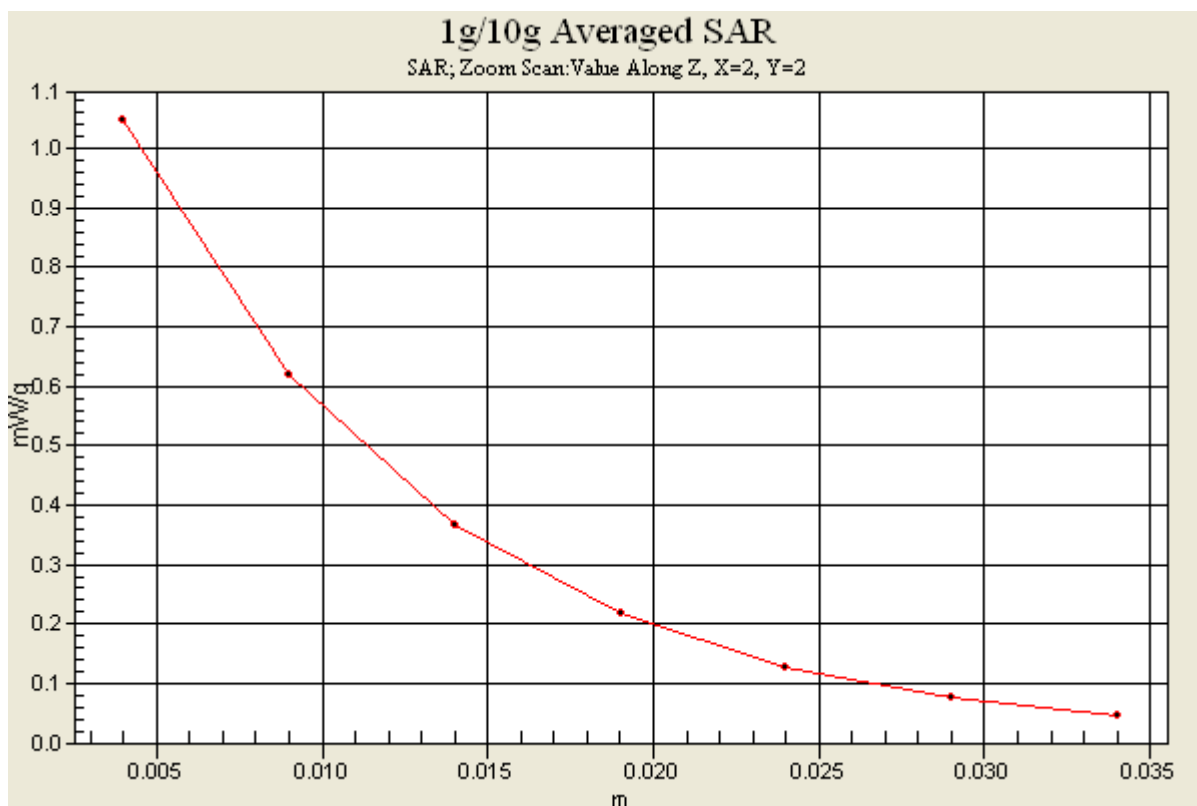
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.539 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



## #108 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1513\_RS232

**DUT: 140905**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1753 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.1$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.973 mW/g

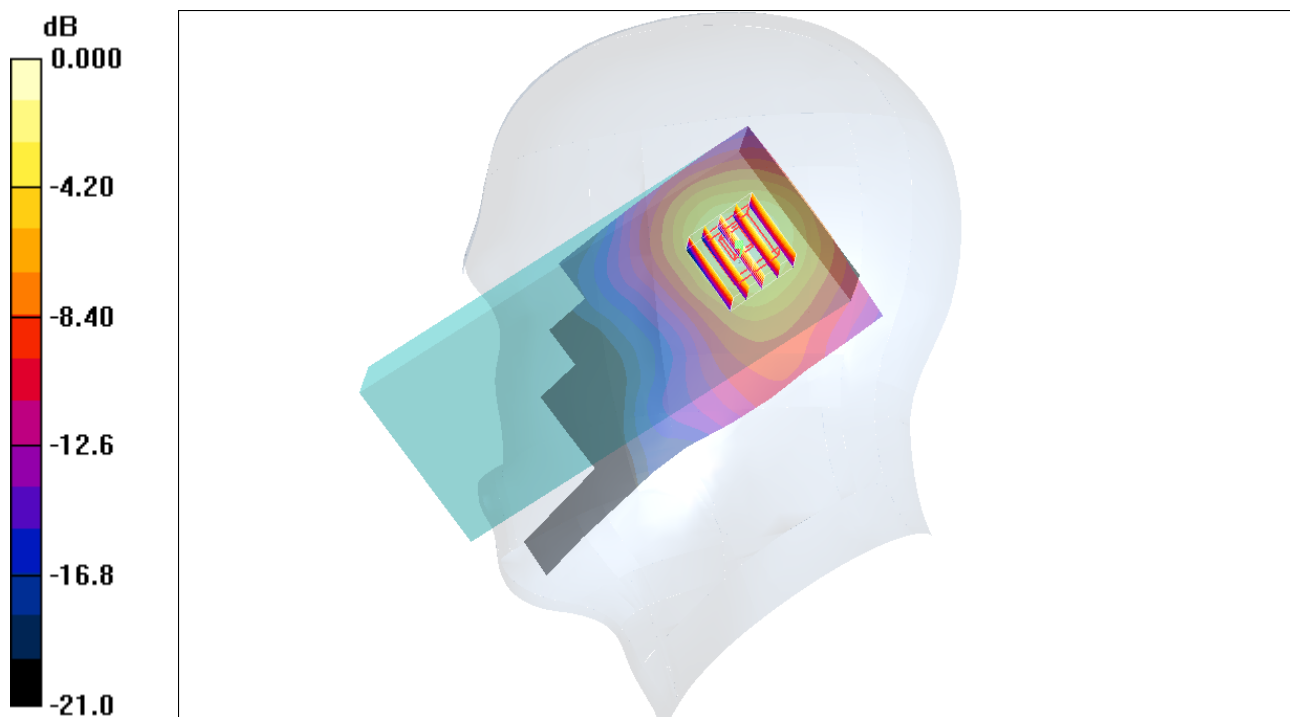
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.487 mW/g**

Maximum value of SAR (measured) = 0.970 mW/g



0 dB = 0.970mW/g

## #109 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1312\_RS232

**DUT: 140905**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.837 mW/g

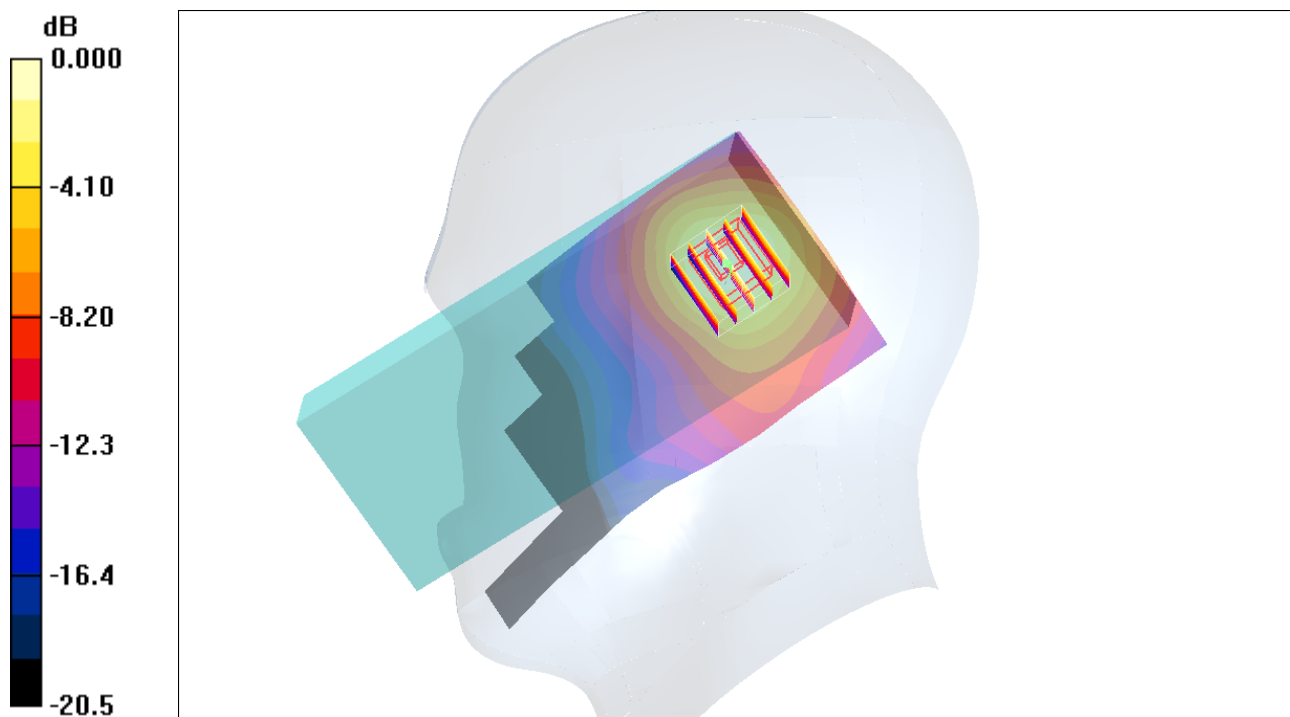
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 0.806 mW/g



0 dB = 0.806mW/g

## #110 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1413\_RS232

**DUT: 140905**

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

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.931 mW/g

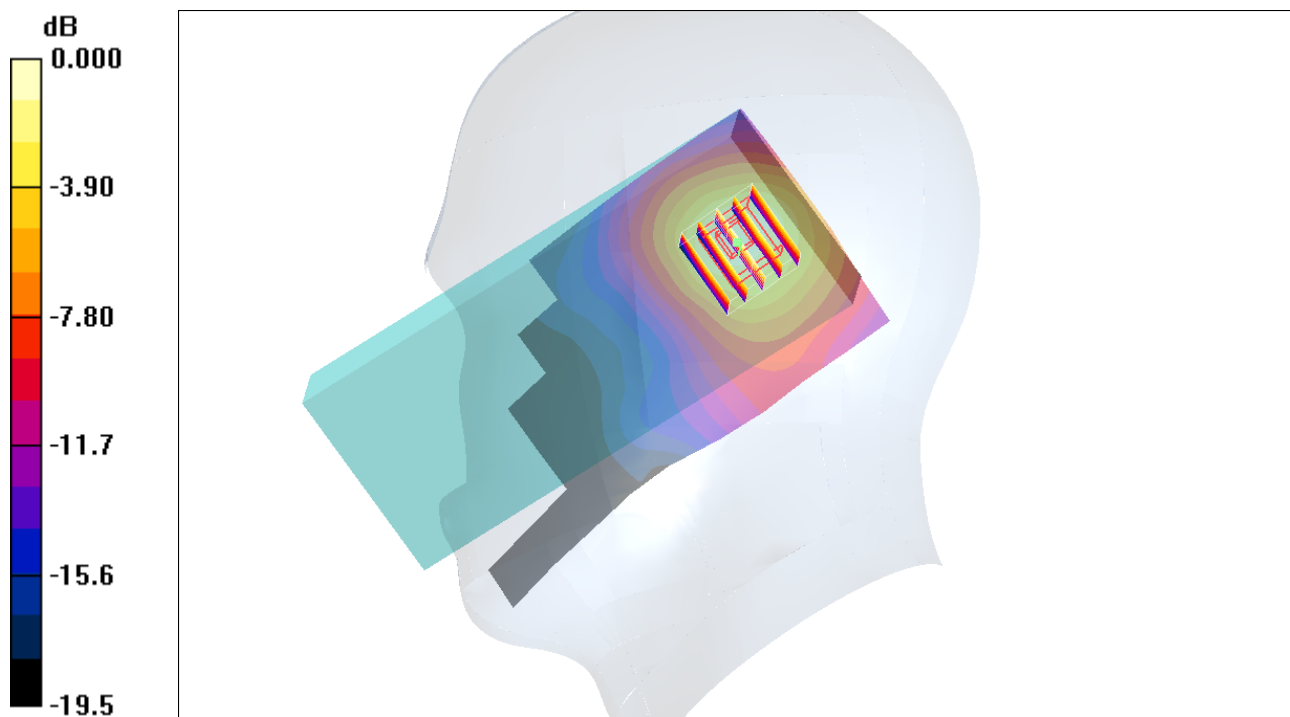
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.477 mW/g**

Maximum value of SAR (measured) = 0.935 mW/g



0 dB = 0.935mW/g

## #111 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1513\_USB

**DUT: 140905**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.03 mW/g

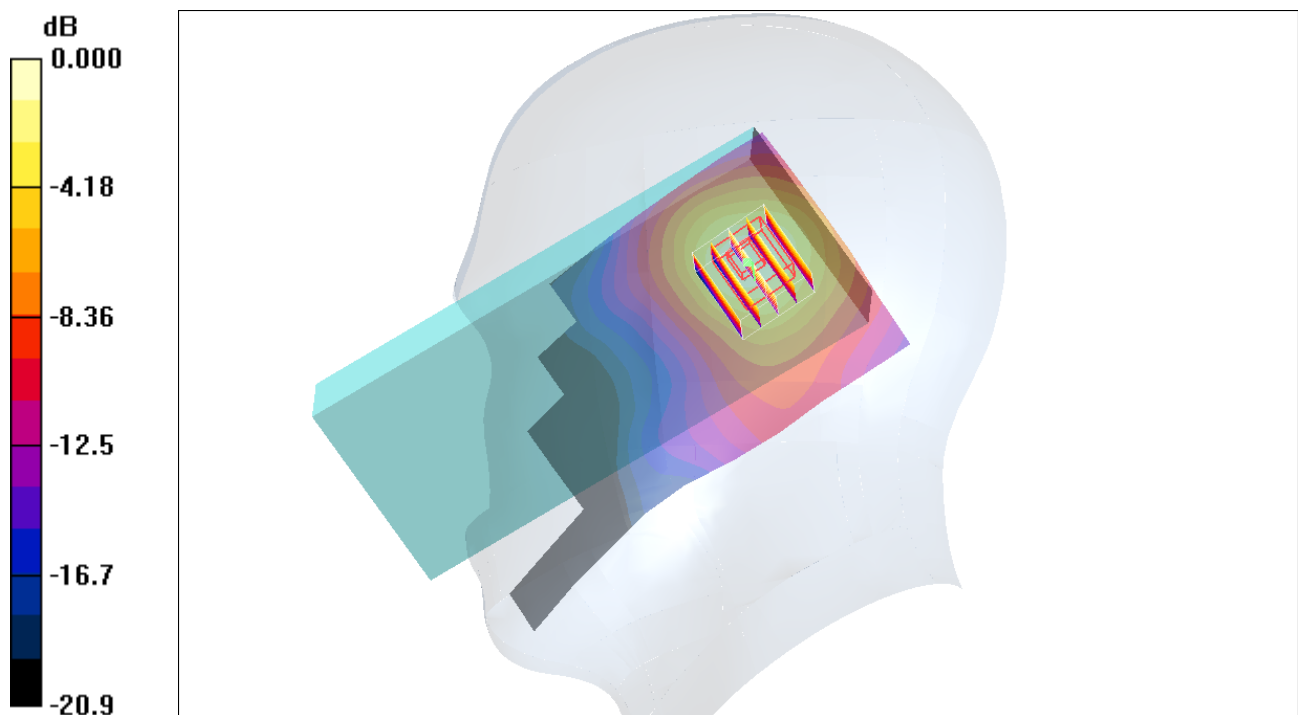
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.5 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.504 mW/g**

Maximum value of SAR (measured) = 0.985 mW/g



0 dB = 0.985mW/g

## #112 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1312\_USB

**DUT: 140905**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1800\_110620 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.821 mW/g

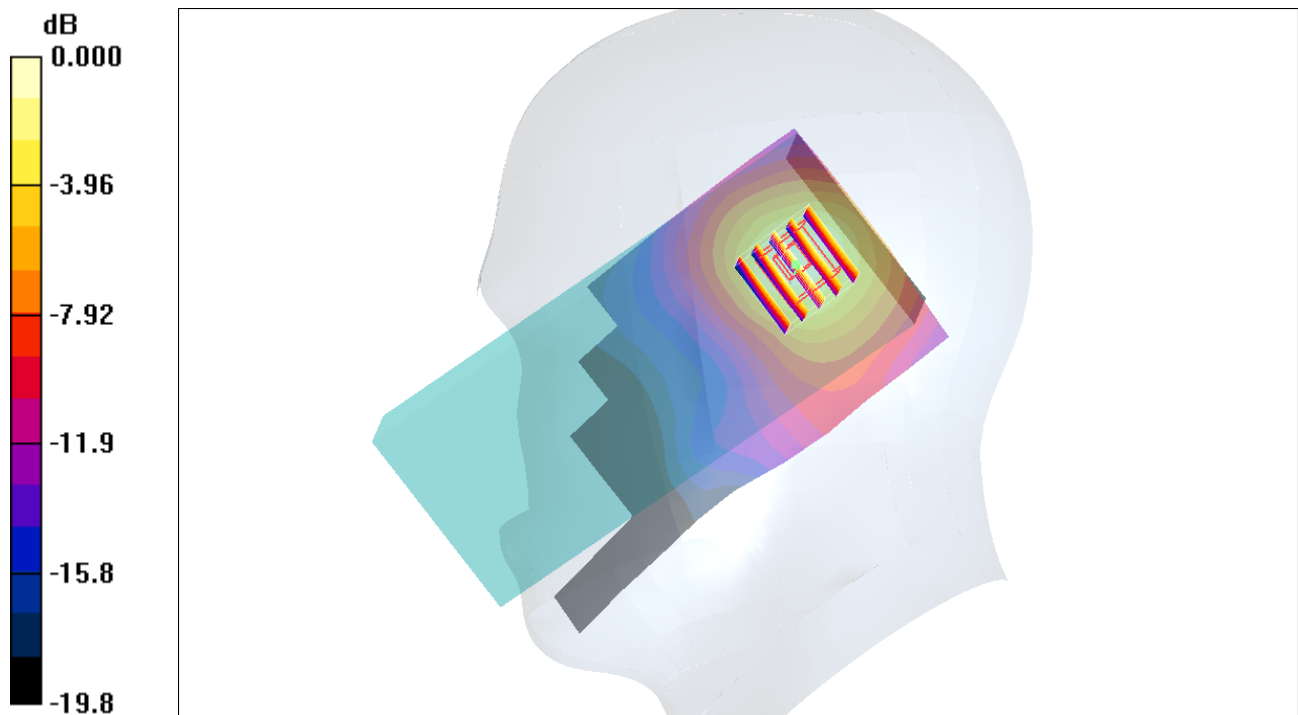
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.794 mW/g; SAR(10 g) = 0.434 mW/g**

Maximum value of SAR (measured) = 0.846 mW/g



0 dB = 0.846mW/g



**#113 WCDMA IV\_RMC12.2K\_Right Tilted\_Ch1413\_USB**

**DUT: 140905**

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

Medium: HSL\_1800\_110620 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.28, 5.28, 5.28); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

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

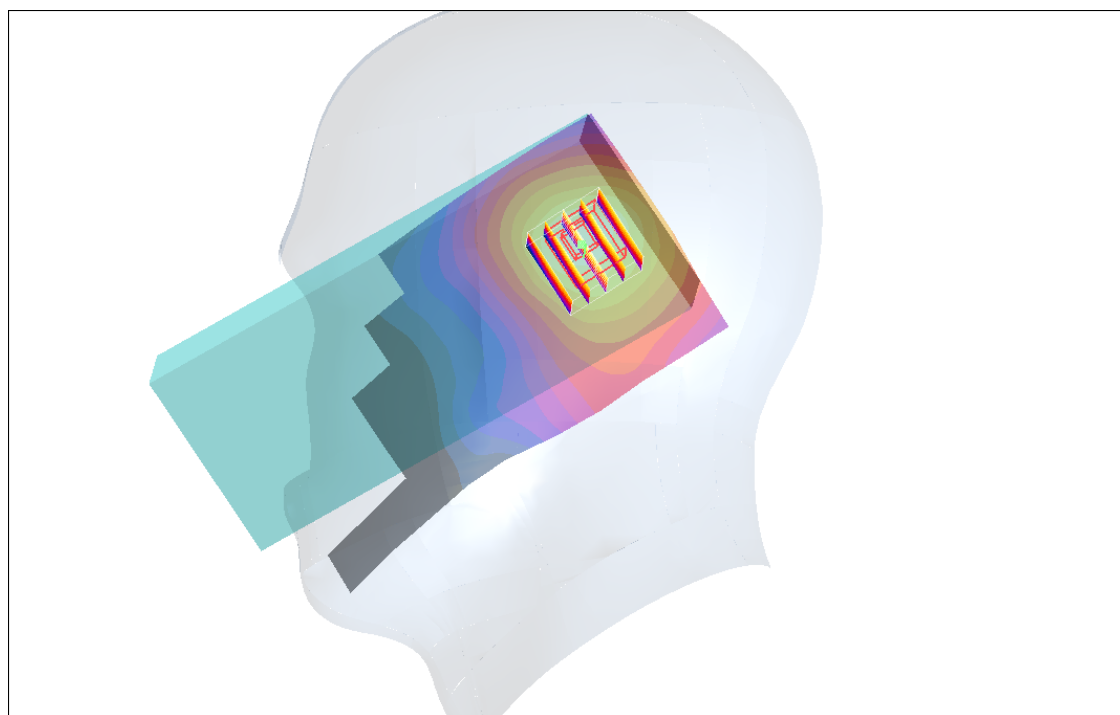
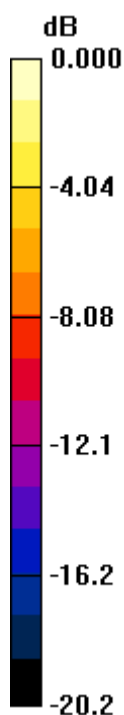
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.6 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.474 mW/g**

Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.932mW/g

## #80 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9262

**DUT: 140905**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$   
mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.776 mW/g

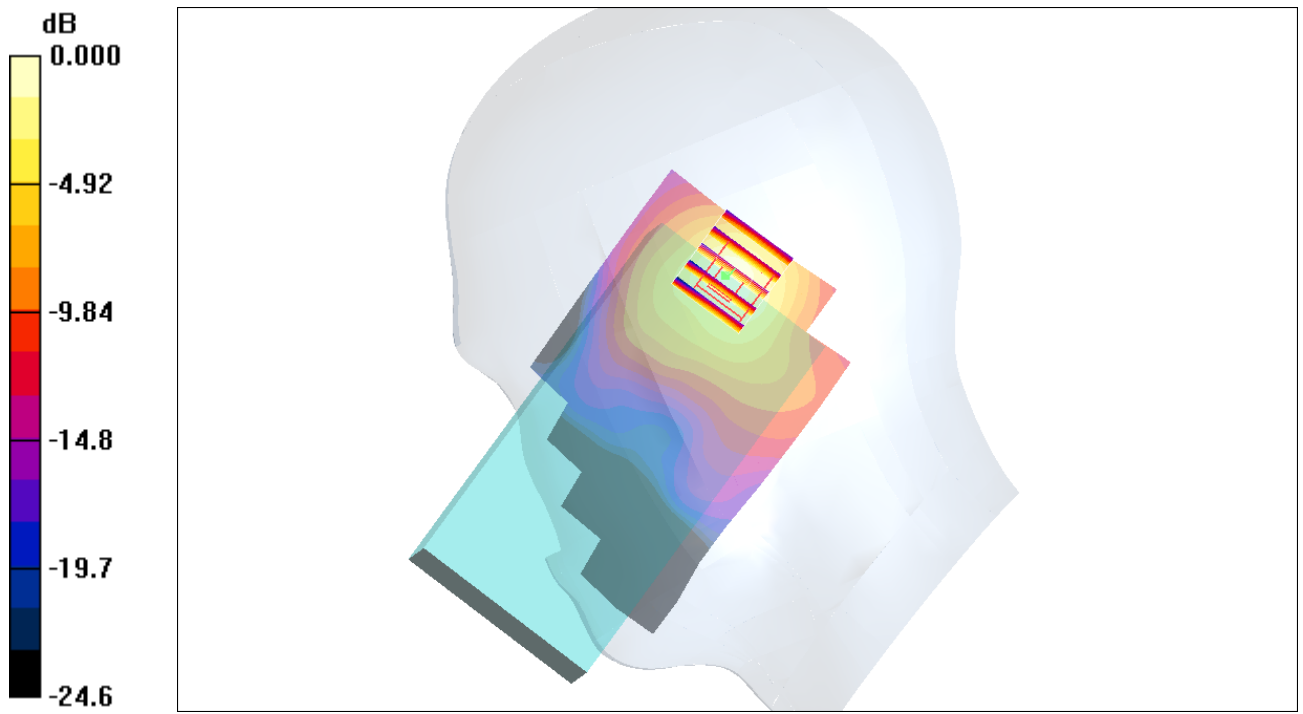
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 20.1 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.369 mW/g**

Maximum value of SAR (measured) = 0.776 mW/g



0 dB = 0.776mW/g

## #81 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262

### DUT: 140905

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.933 mW/g

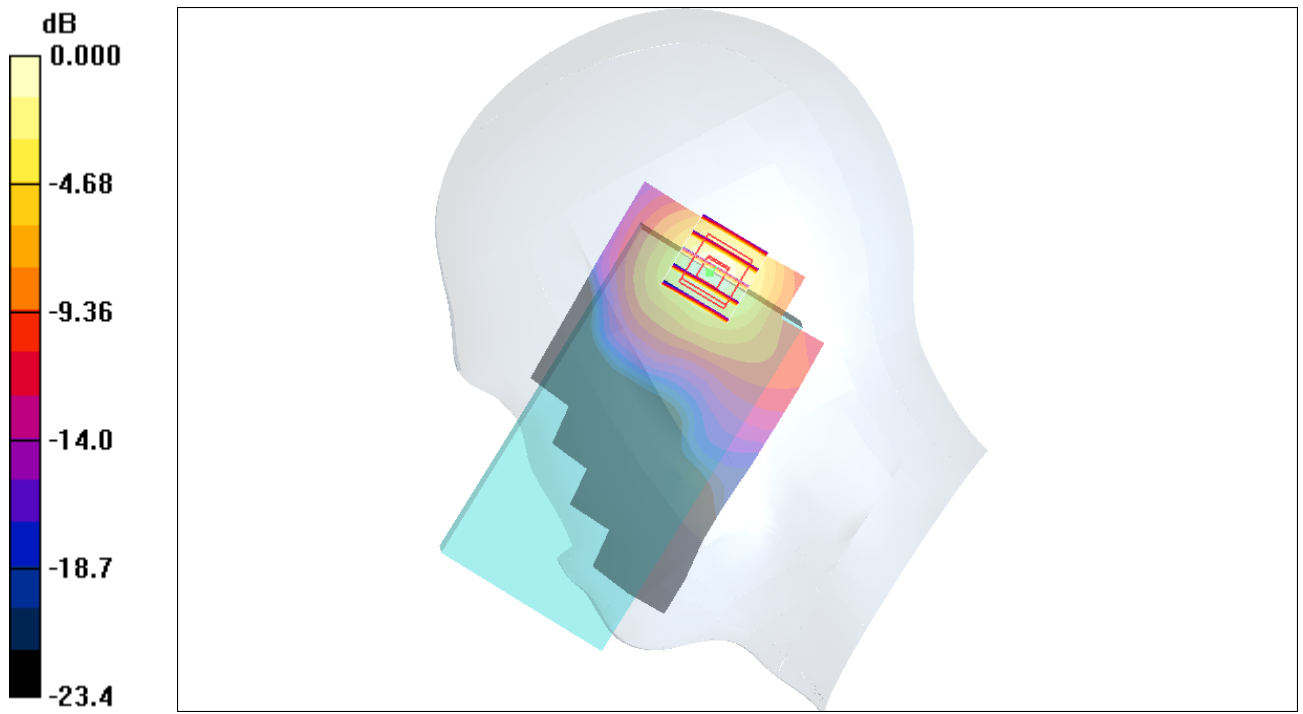
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.440 mW/g**

Maximum value of SAR (measured) = 0.943 mW/g



0 dB = 0.943mW/g

## #82 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262

### DUT: 140905

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$   
mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.594 mW/g

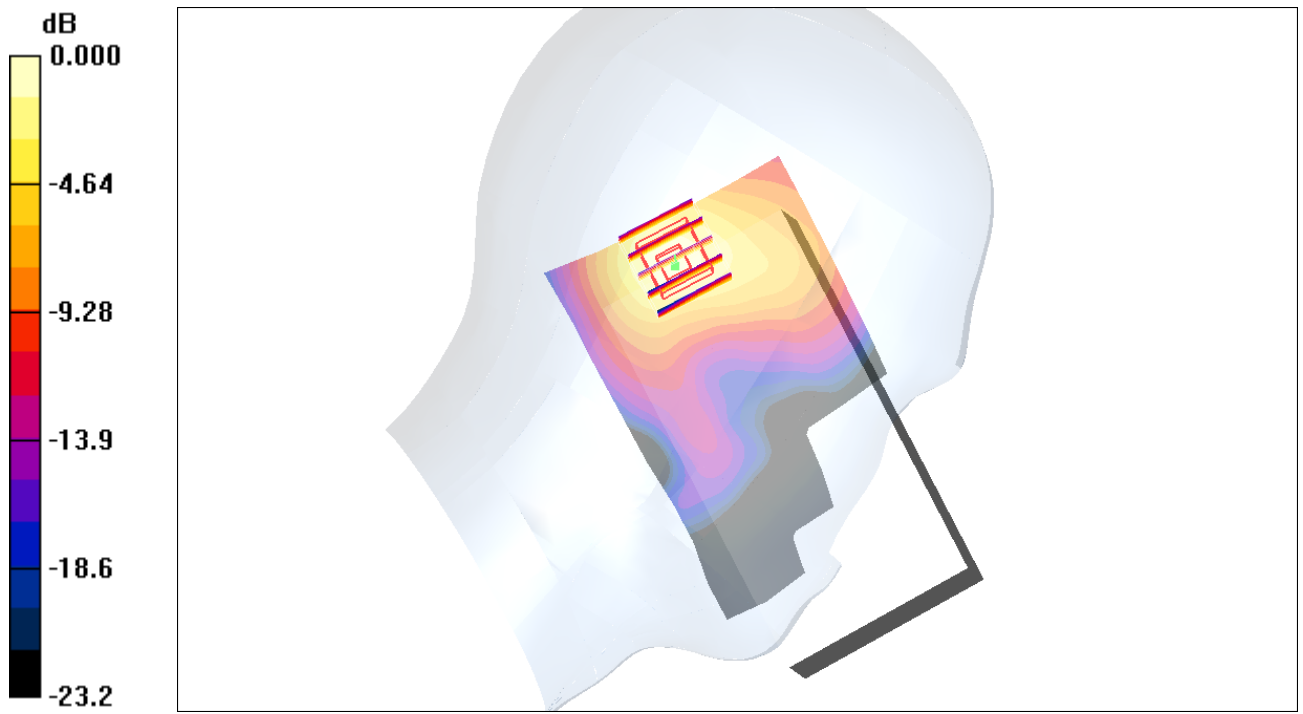
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.287 mW/g**

Maximum value of SAR (measured) = 0.592 mW/g



0 dB = 0.592mW/g

## #83 WCDMA II\_RMC12.2K\_Left Tilted\_Ch9262

### DUT: 140905

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.708 mW/g

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

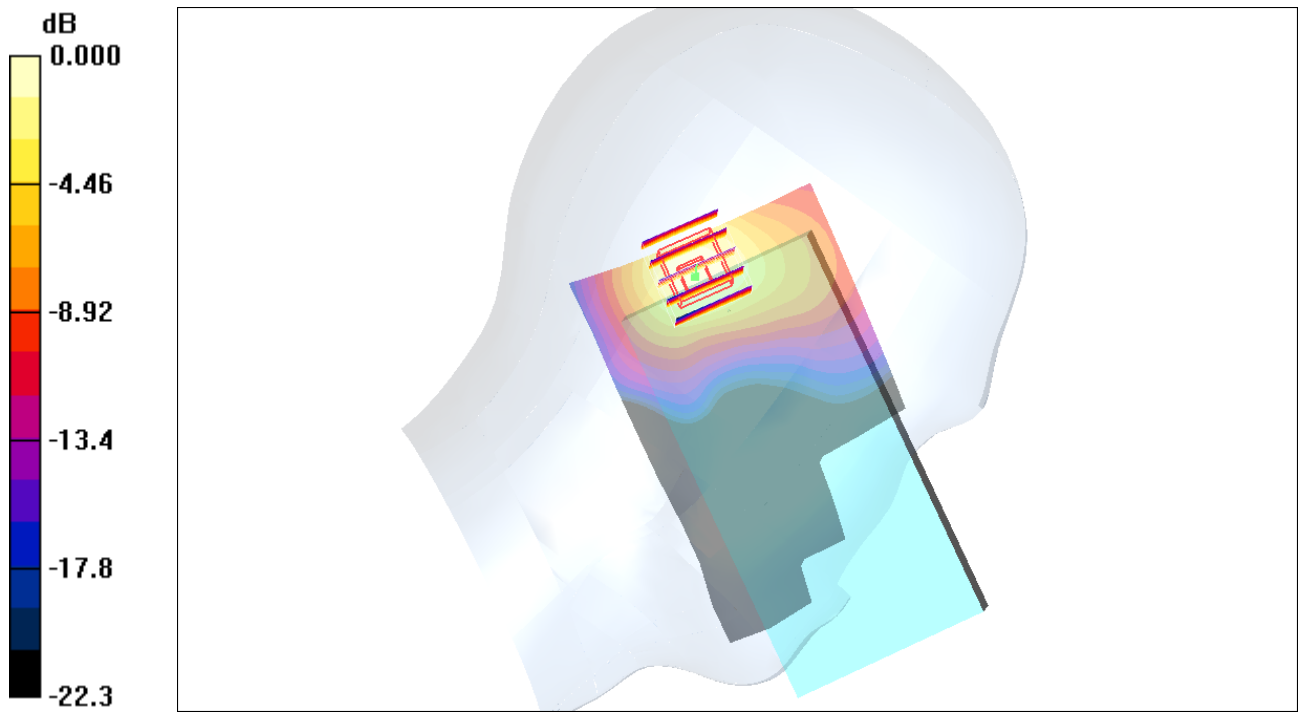
Reference Value = 13.0 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.706 mW/g





0 dB = 0.706mW/g

## #84 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400

### DUT: 140905

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.801 mW/g

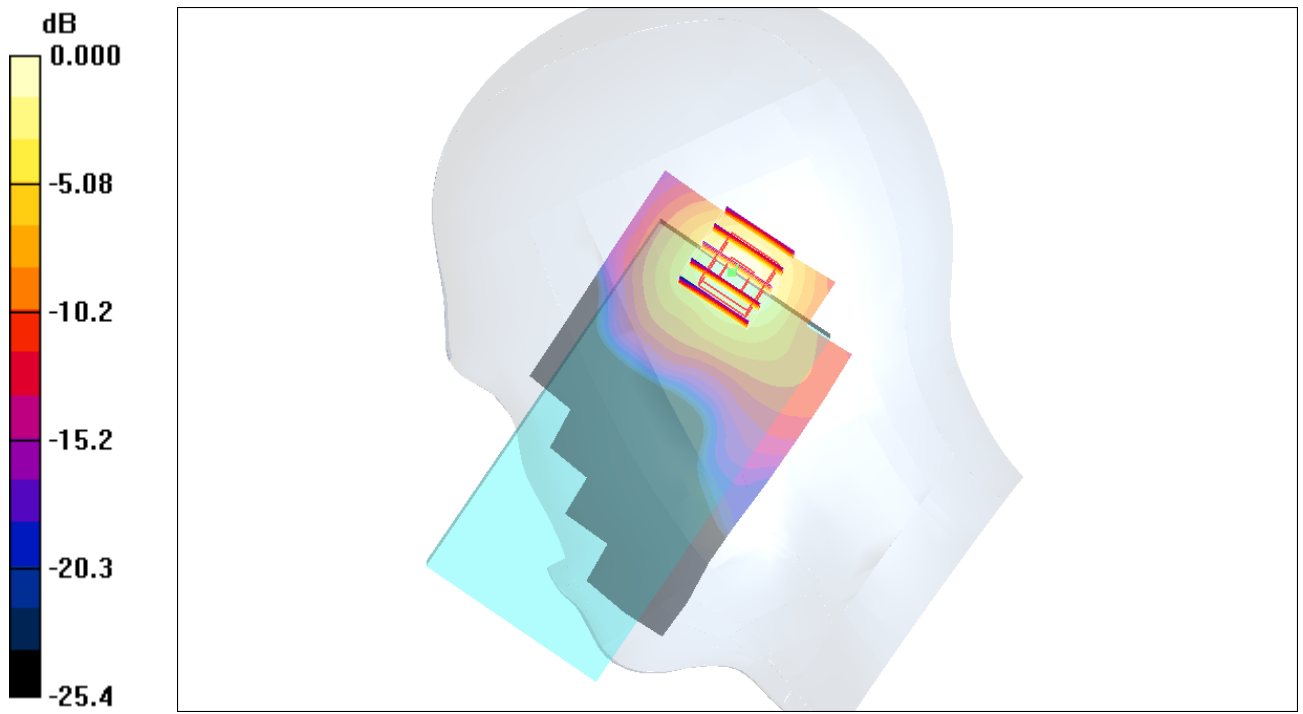
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 0.819 mW/g



0 dB = 0.819mW/g

## #85 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9538

### DUT: 140905

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.45$   
mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.916 mW/g

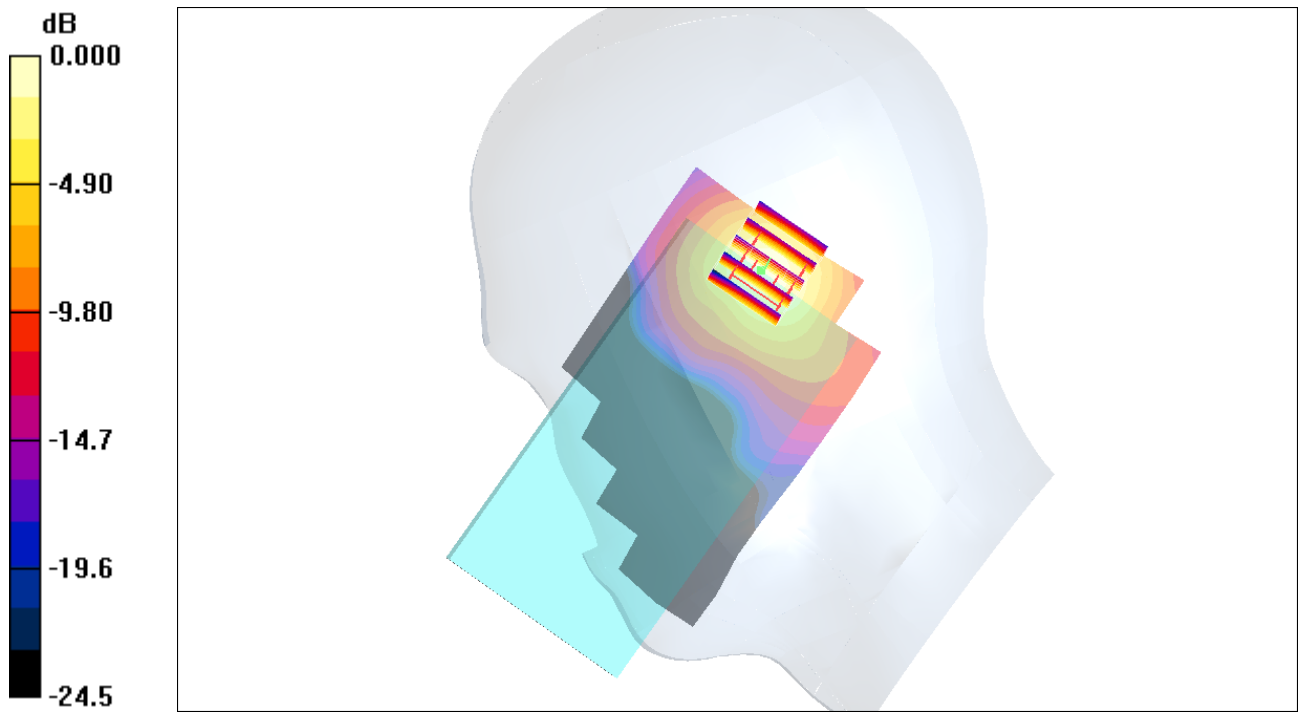
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 19.4 V/m; Power Drift = 0.188 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.437 mW/g**

Maximum value of SAR (measured) = 0.935 mW/g



0 dB = 0.935mW/g

## #86 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9538\_RS232

### DUT: 140905

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.929 mW/g

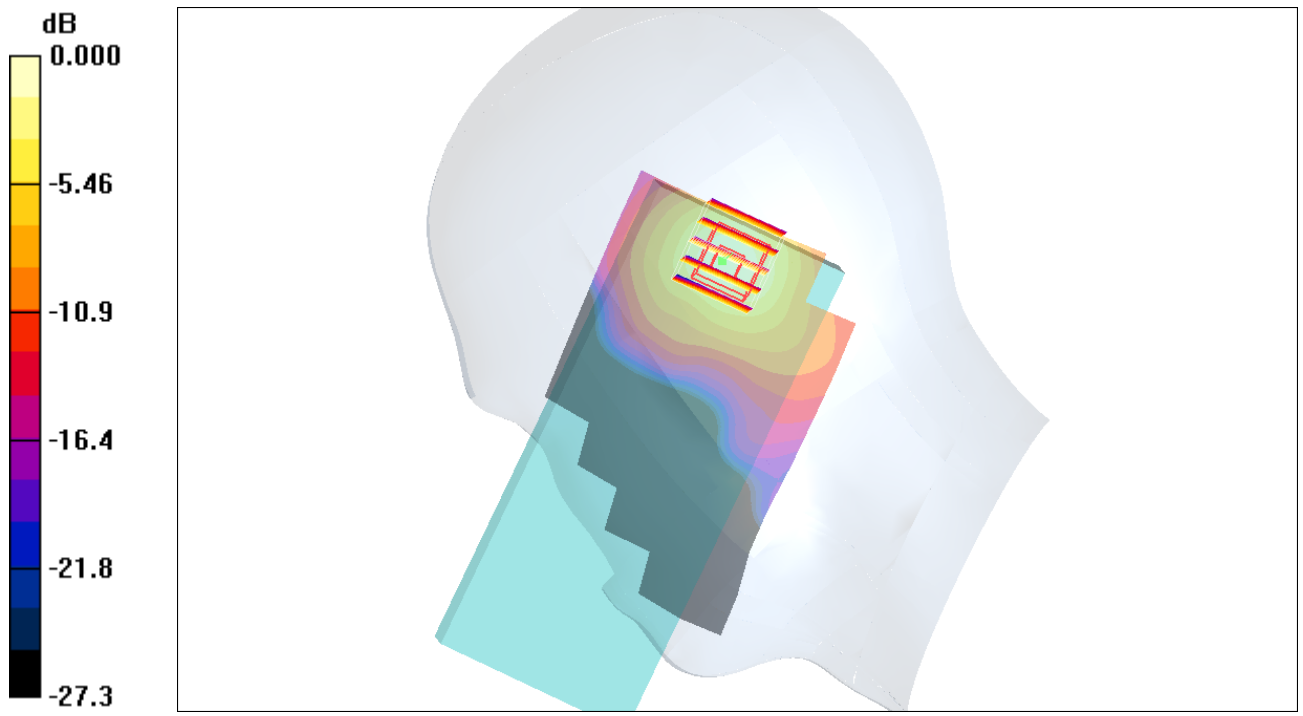
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.436 mW/g**

Maximum value of SAR (measured) = 0.924 mW/g



0 dB = 0.924mW/g

## #87 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262\_RS232

### DUT: 140905

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.929 mW/g

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

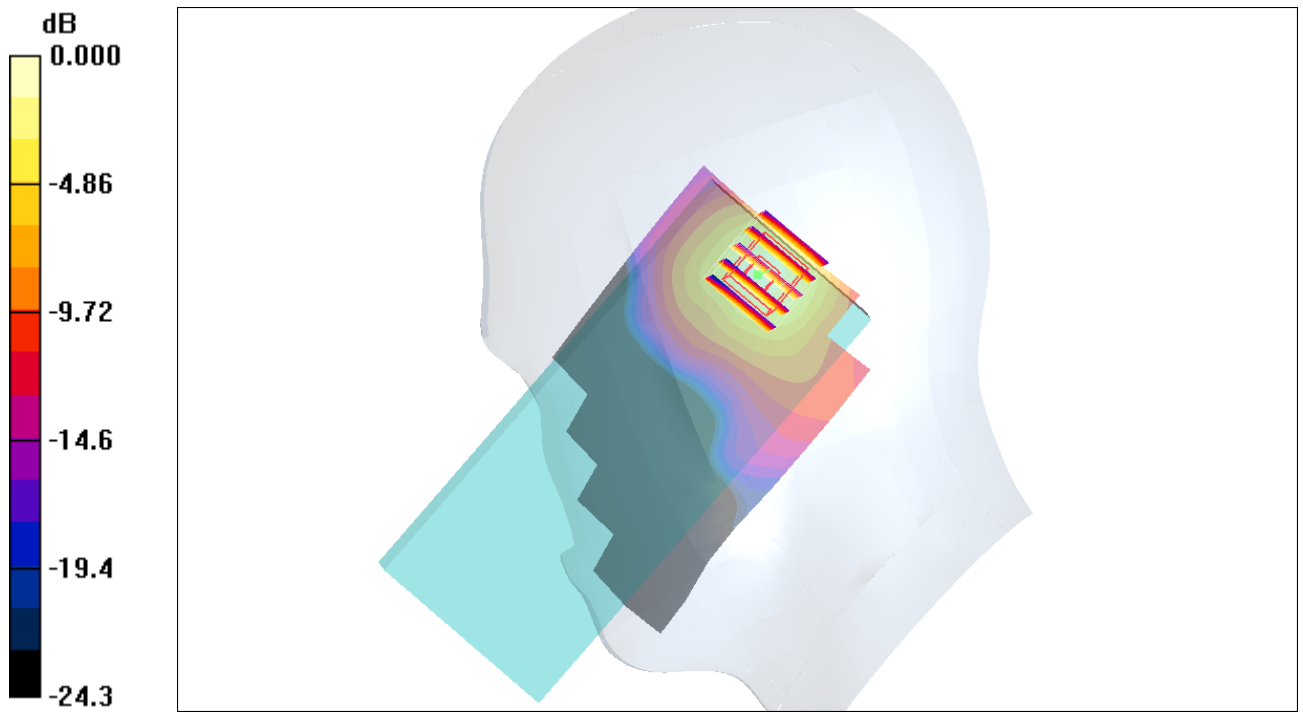
Reference Value = 19.7 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.449 mW/g**

Maximum value of SAR (measured) = 0.977 mW/g





0 dB = 0.977mW/g

## #88 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400\_RS232

**DUT: 140905**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$   
mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.846 mW/g

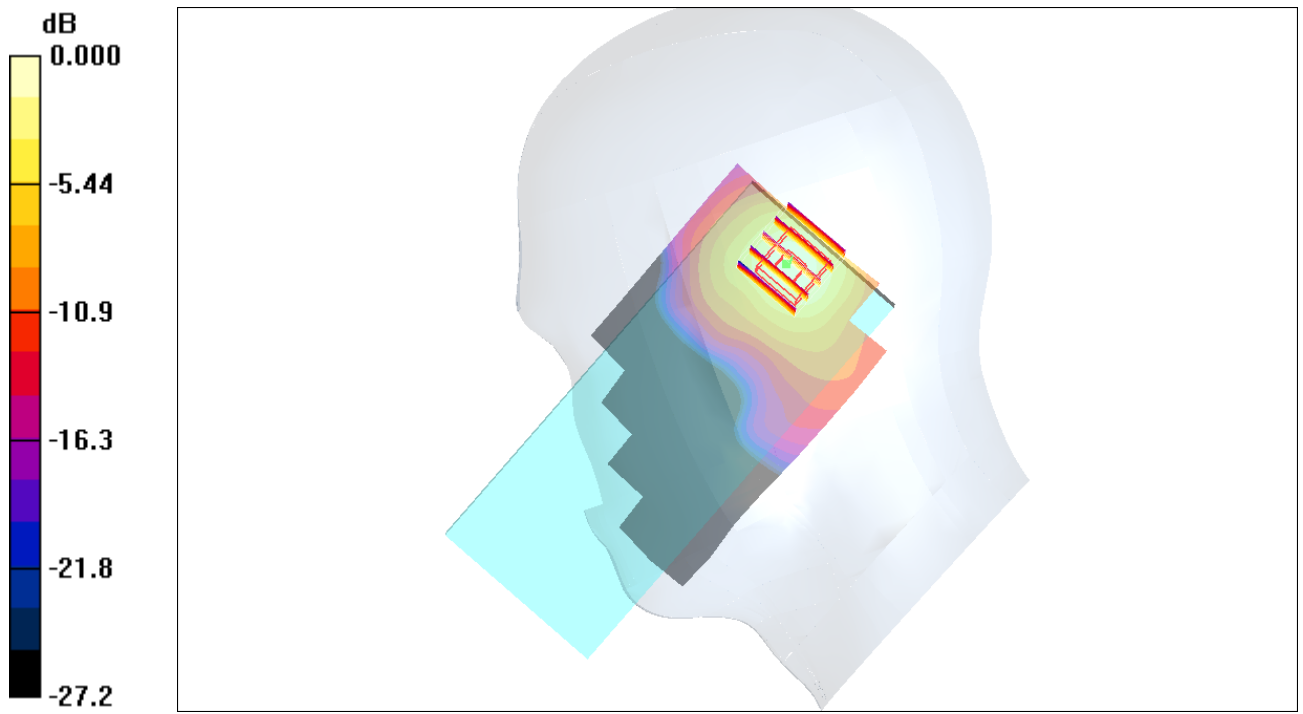
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 18.7 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 0.854 mW/g



0 dB = 0.854mW/g

## #89 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9538\_USB

### DUT: 140905

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.45$   
mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.944 mW/g

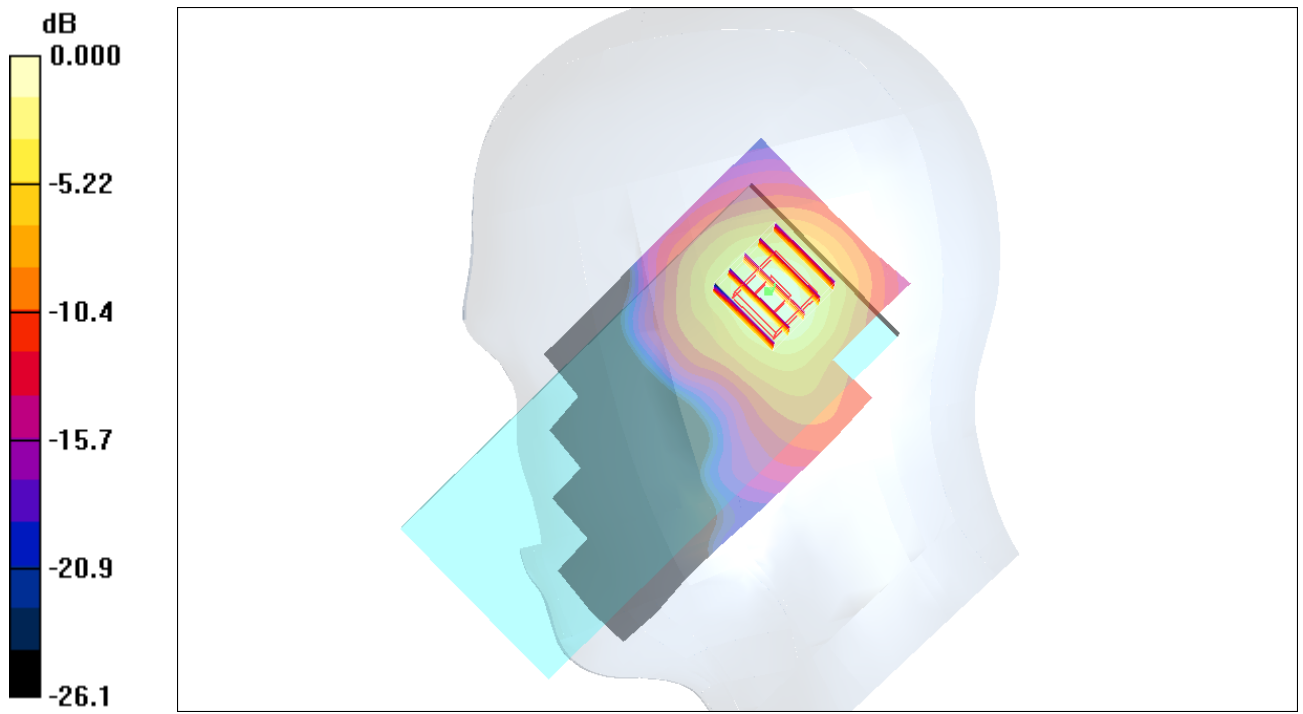
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 19.7 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.436 mW/g**

Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.916mW/g

## #90 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262\_USB

**DUT: 140905**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$   
mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.968 mW/g

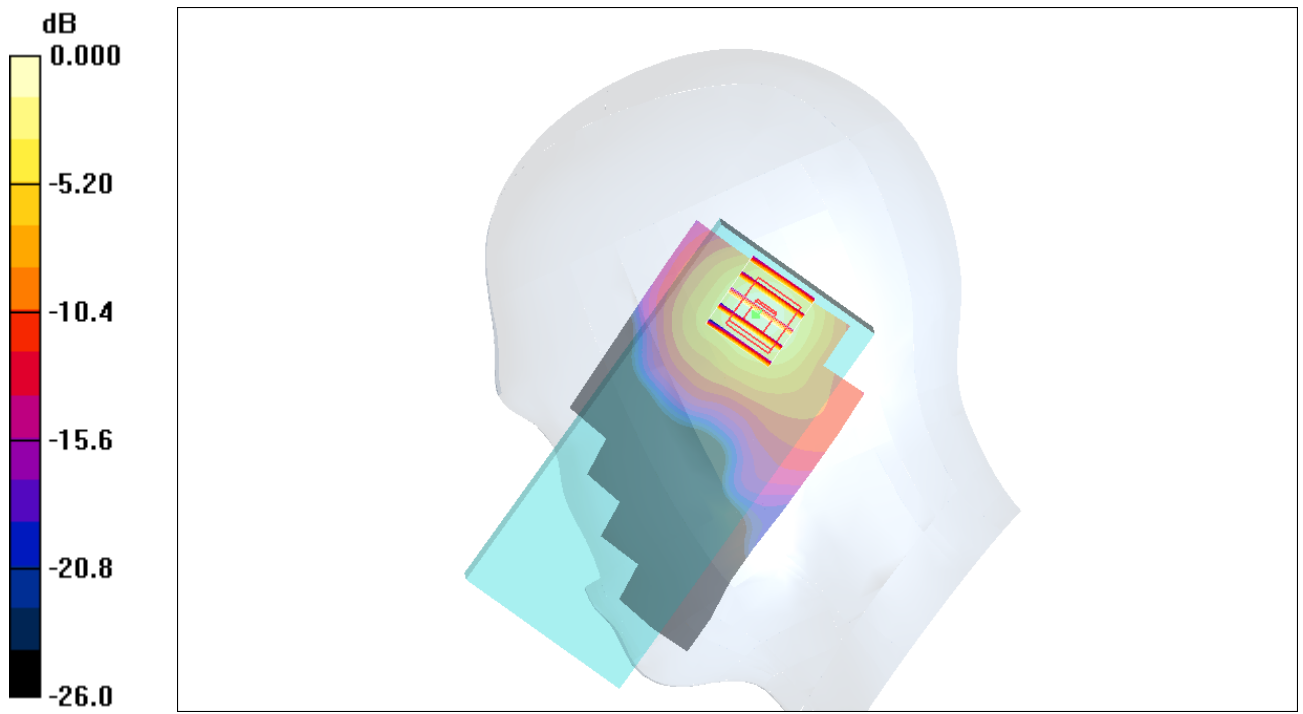
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.457 mW/g**

Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.969mW/g

## #90 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262\_USB\_2D

### DUT: 140905

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.968 mW/g

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

Reference Value = 19.5 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 1.53 W/kg

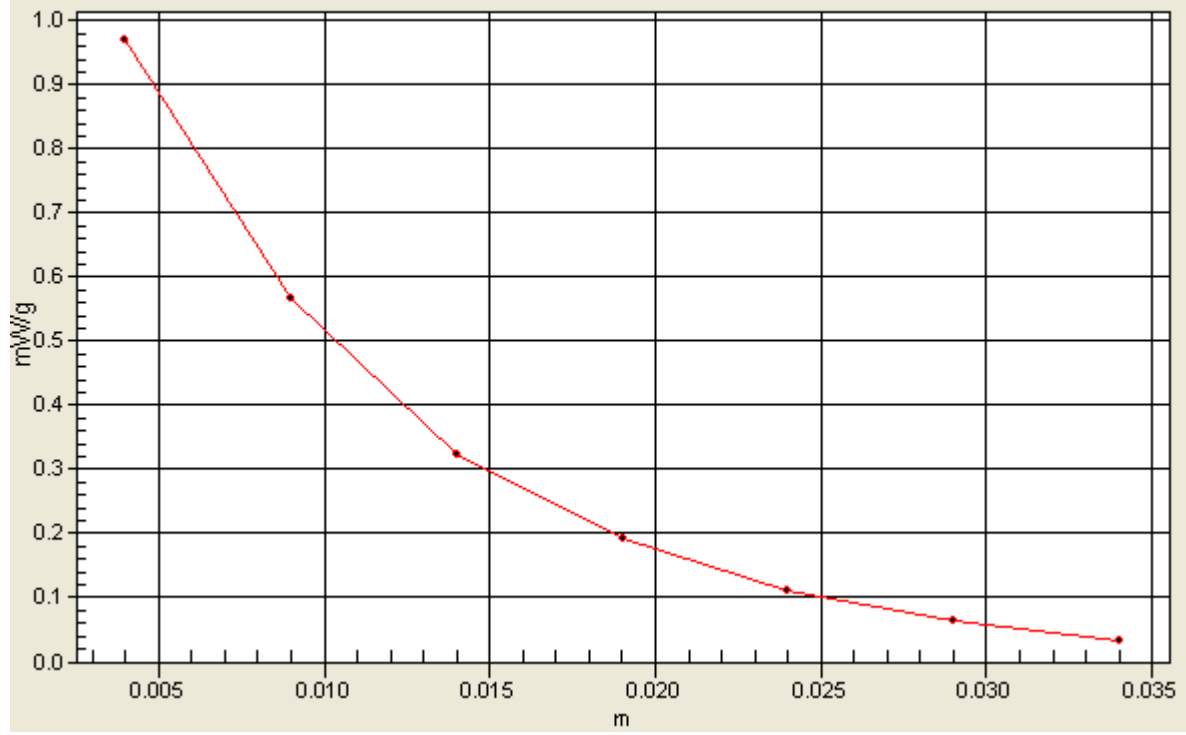
**SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.457 mW/g**

Maximum value of SAR (measured) = 0.969 mW/g



# 1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=2, Y=2



## #91 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400\_USB

**DUT: 140905**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.39, 7.39, 7.39); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.849 mW/g

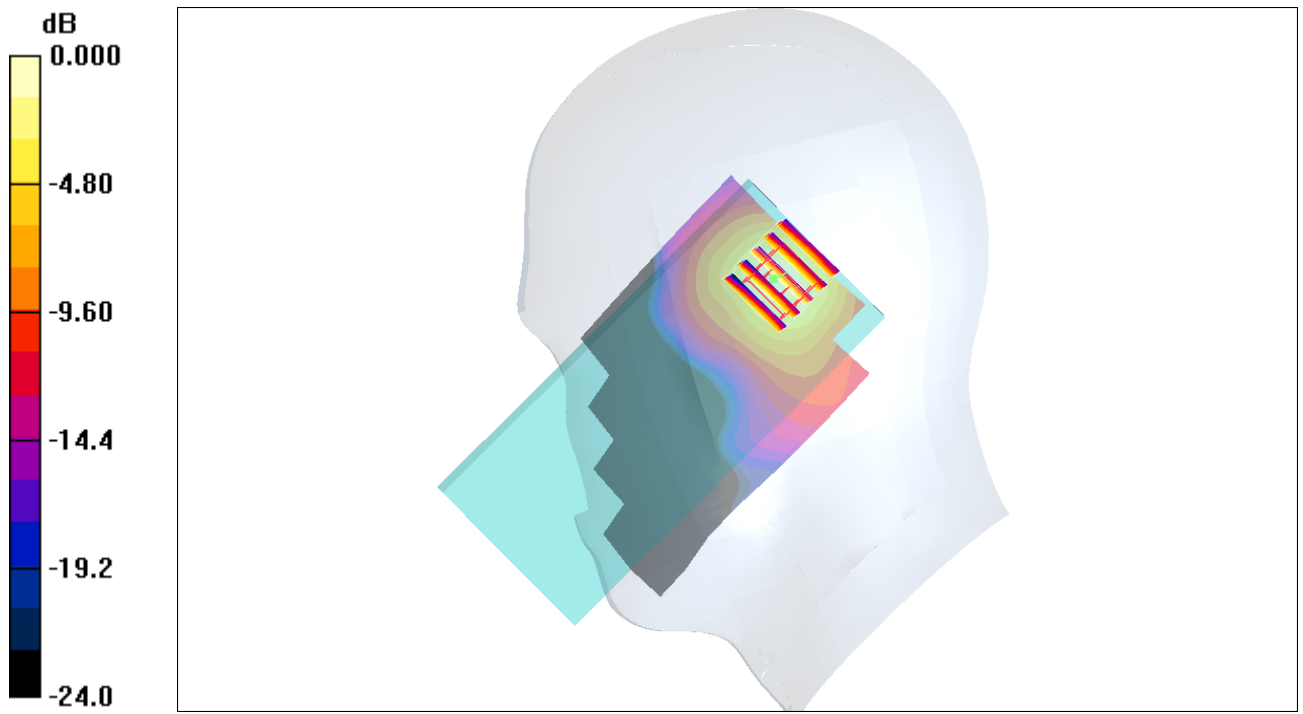
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.406 mW/g**

Maximum value of SAR (measured) = 0.875 mW/g



0 dB = 0.875mW/g

## #54 GSM850\_GPRS8\_Front Face\_0cm\_Ch128\_Holster

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_850\_110617 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$   
mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.134 mW/g

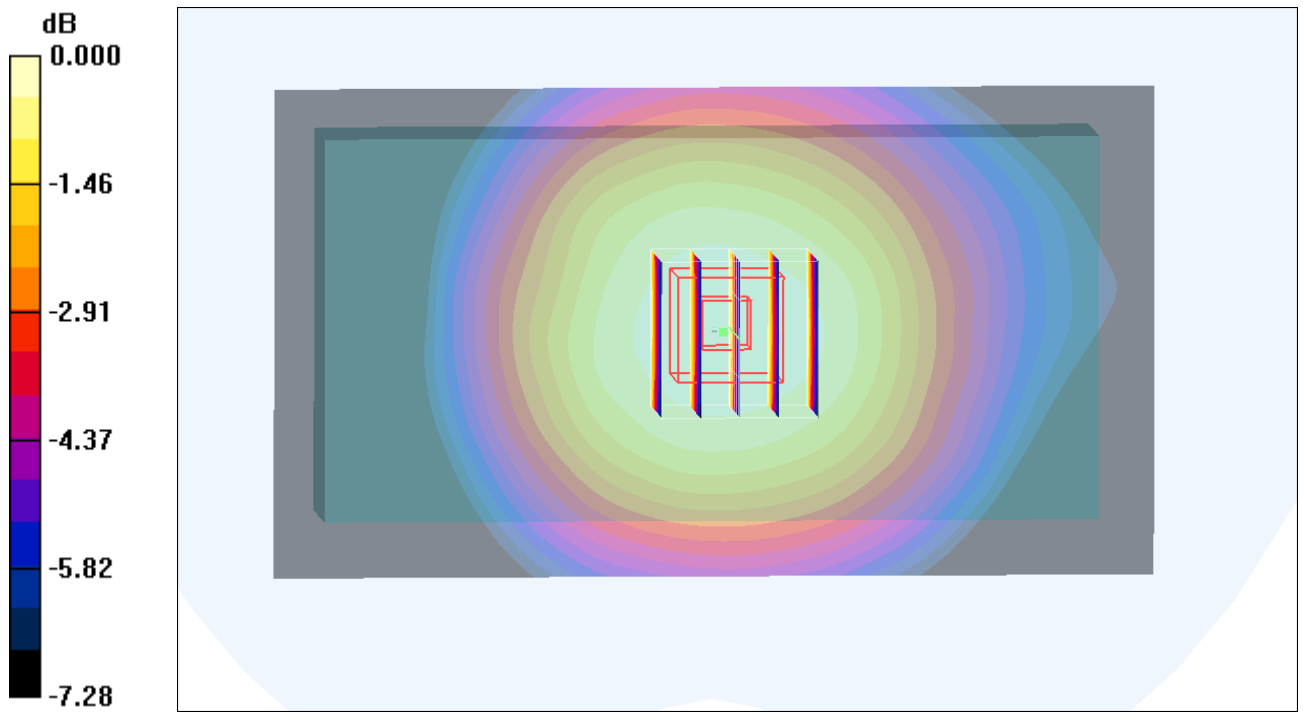
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.099 mW/g**

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



0 dB = 0.135mW/g

## #55 GSM850\_GPRS8\_Rear Face\_0cm\_Ch128\_Holster

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_850\_110617 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$   
mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.072 mW/g

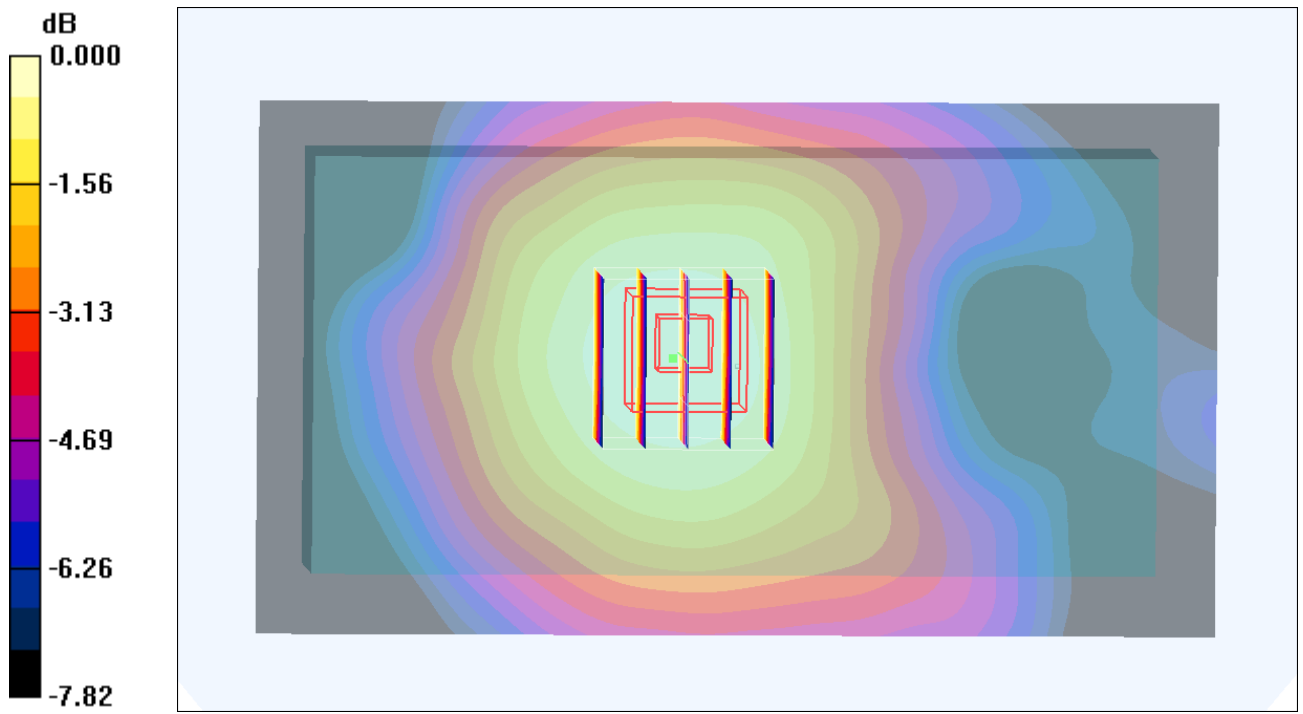
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 8.28 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.086 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

## #56 GSM850\_GPRS8\_Front Face\_1.5cm\_Ch128

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_850\_110617 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$   
mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.129 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

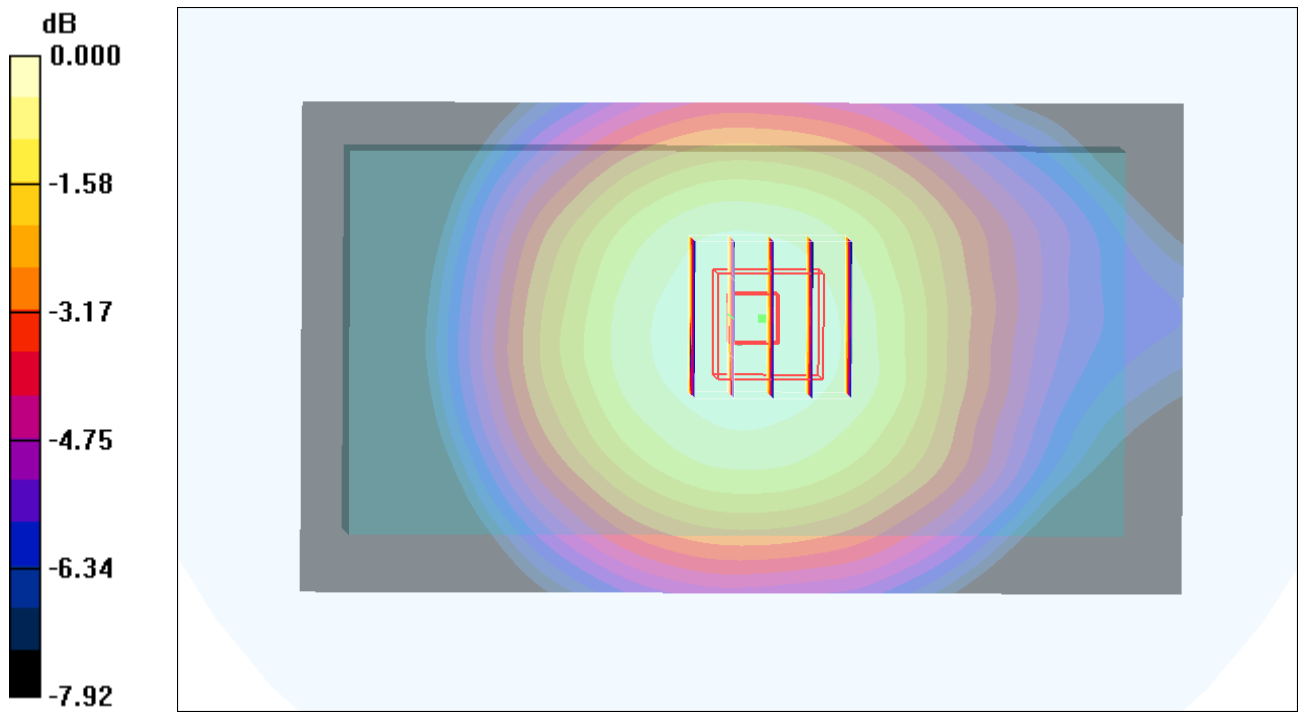
Reference Value = 11.5 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.145 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.093 mW/g**

Maximum value of SAR (measured) = 0.128 mW/g





0 dB = 0.128mW/g

## #114 GSM850\_GPRS8\_Front Face\_1.5cm\_Ch128\_RS232

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850\_110617 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.173 mW/g

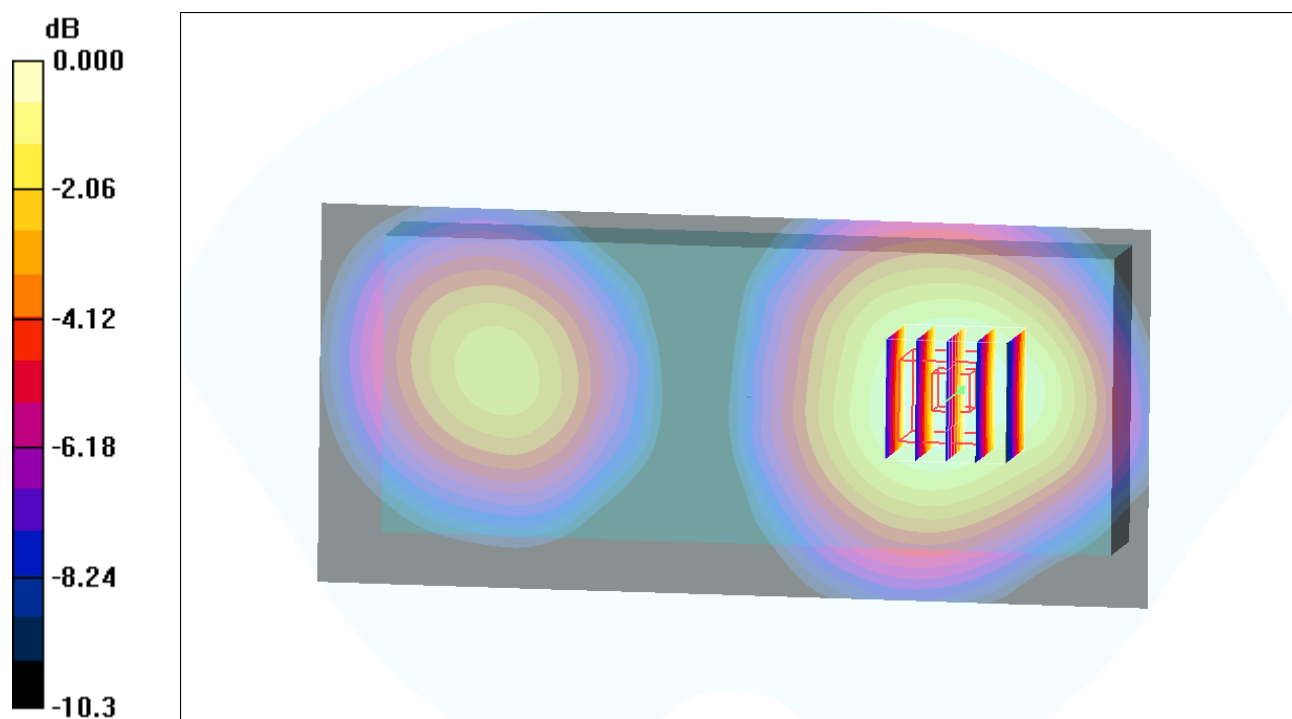
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.173 mW/g



0 dB = 0.173mW/g

### #114 GSM850\_GPRS8\_Front Face\_1.5cm\_Ch128\_RS232\_2D

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850\_110617 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.173 mW/g

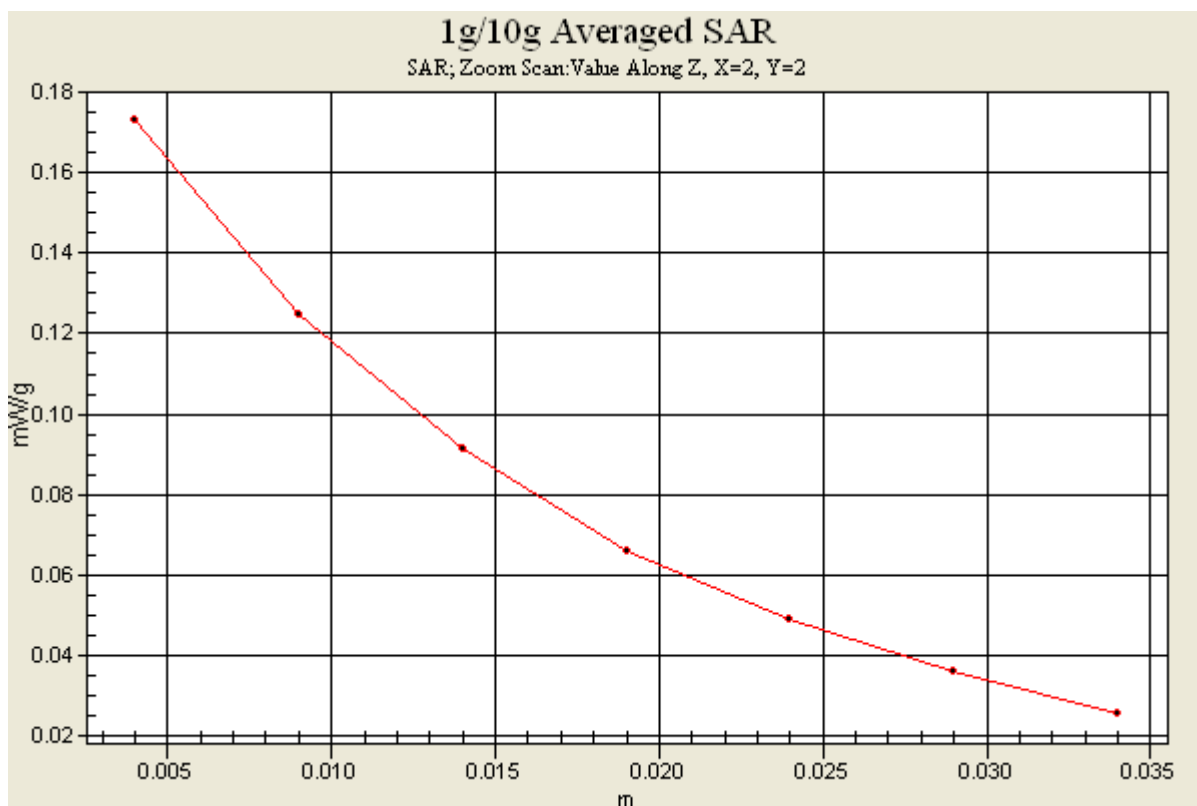
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.173 mW/g



## #115 GSM850\_GPRS8\_Front Face\_1.5cm\_Ch128\_USB

**DUT: 140905**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_850\_110617 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.111 mW/g

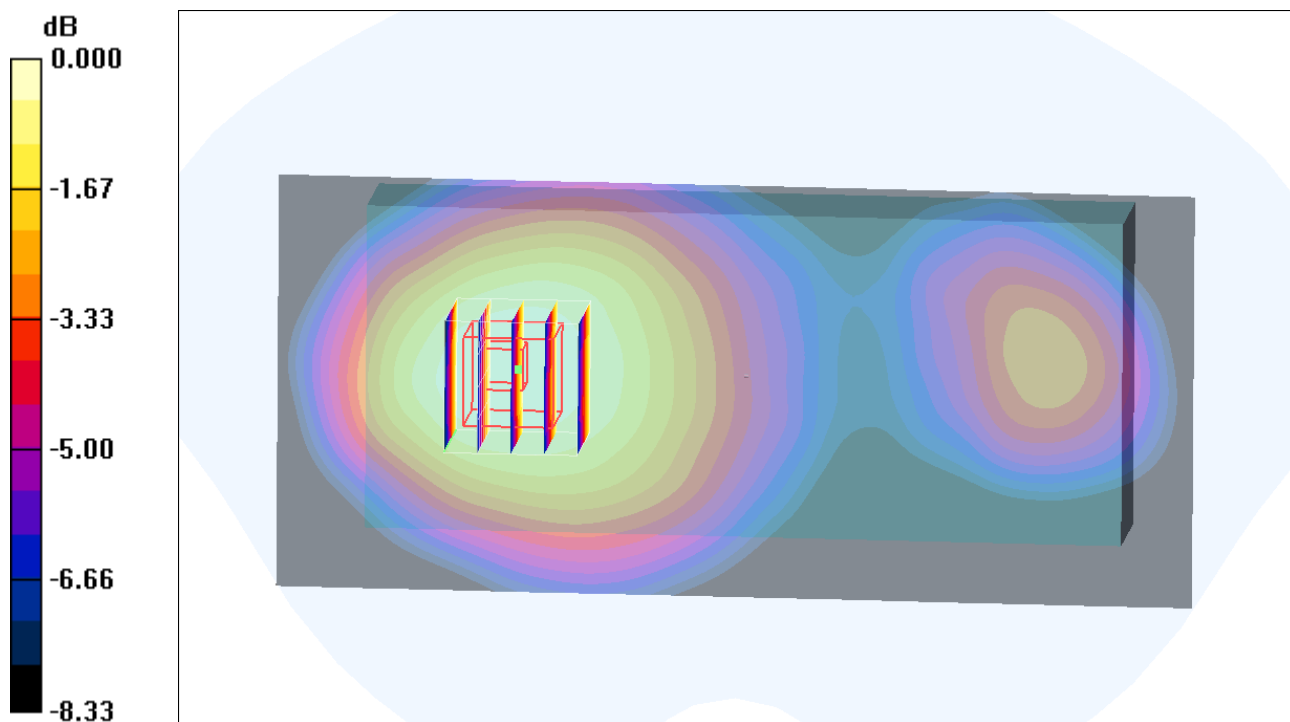
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.76 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.109 mW/g



0 dB = 0.109mW/g

## #63 GSM1900\_GPRS8\_Front Face\_0cm\_Ch661\_Holster

**DUT: 140905**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$   
mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.032 mW/g

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

Reference Value = 0.266 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.043 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g**

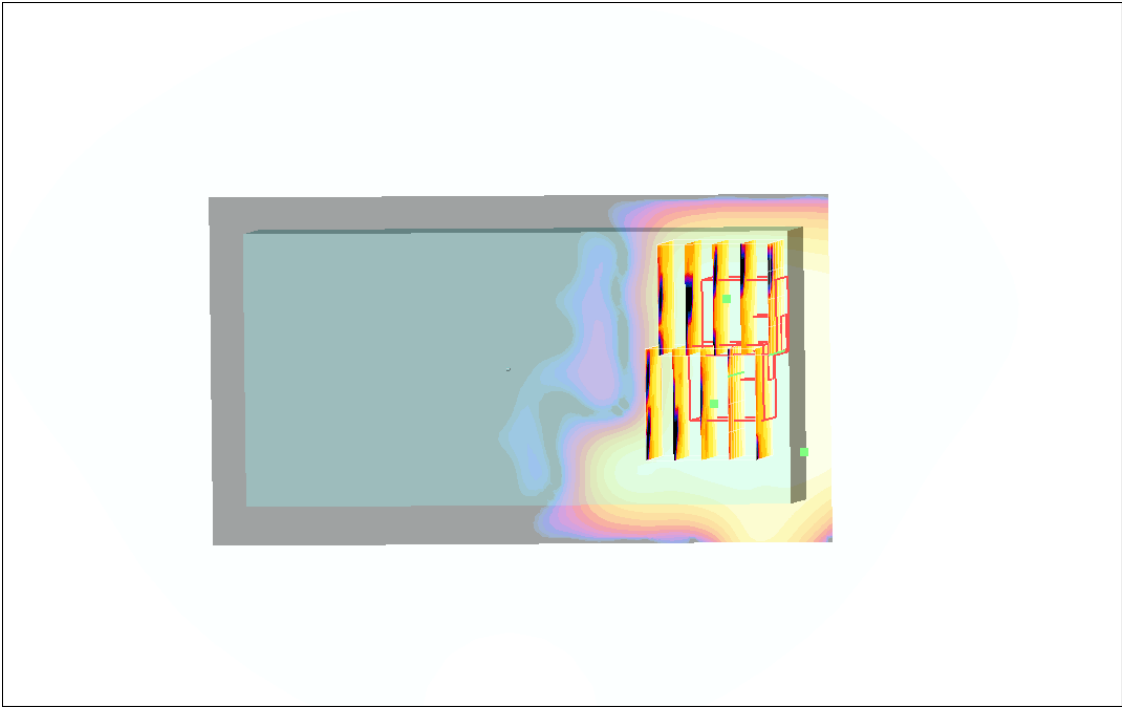
Maximum value of SAR (measured) = 0.026 mW/g

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

Reference Value = 0.266 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.036 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.011 mW/g**



0 dB = 0.026mW/g

## #64 GSM1900\_GPRS8\_Rear Face\_0cm\_Ch661\_Holster

**DUT: 140905**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$   
mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.197 mW/g

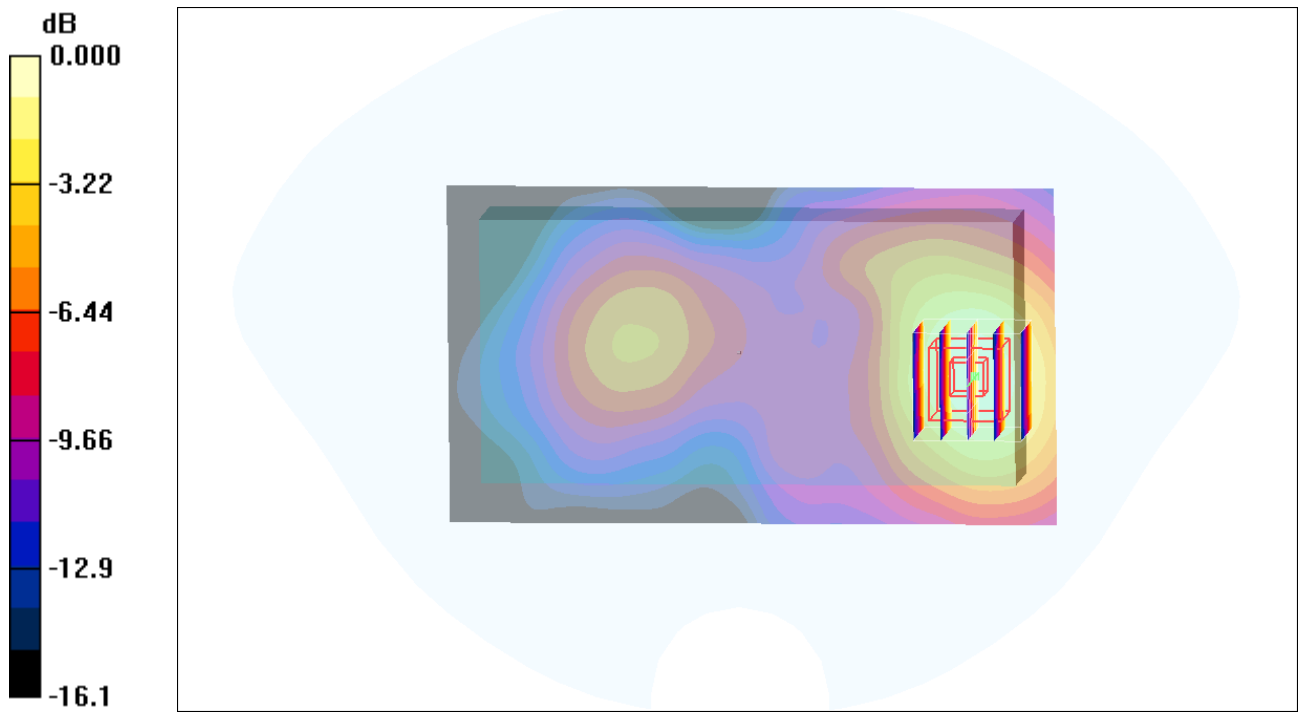
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.301 W/kg

**SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.202mW/g



## #66 GSM1900\_GPRS8\_Rear Face\_1.5cm\_Ch661

**DUT: 140905**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$   
mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.371 mW/g

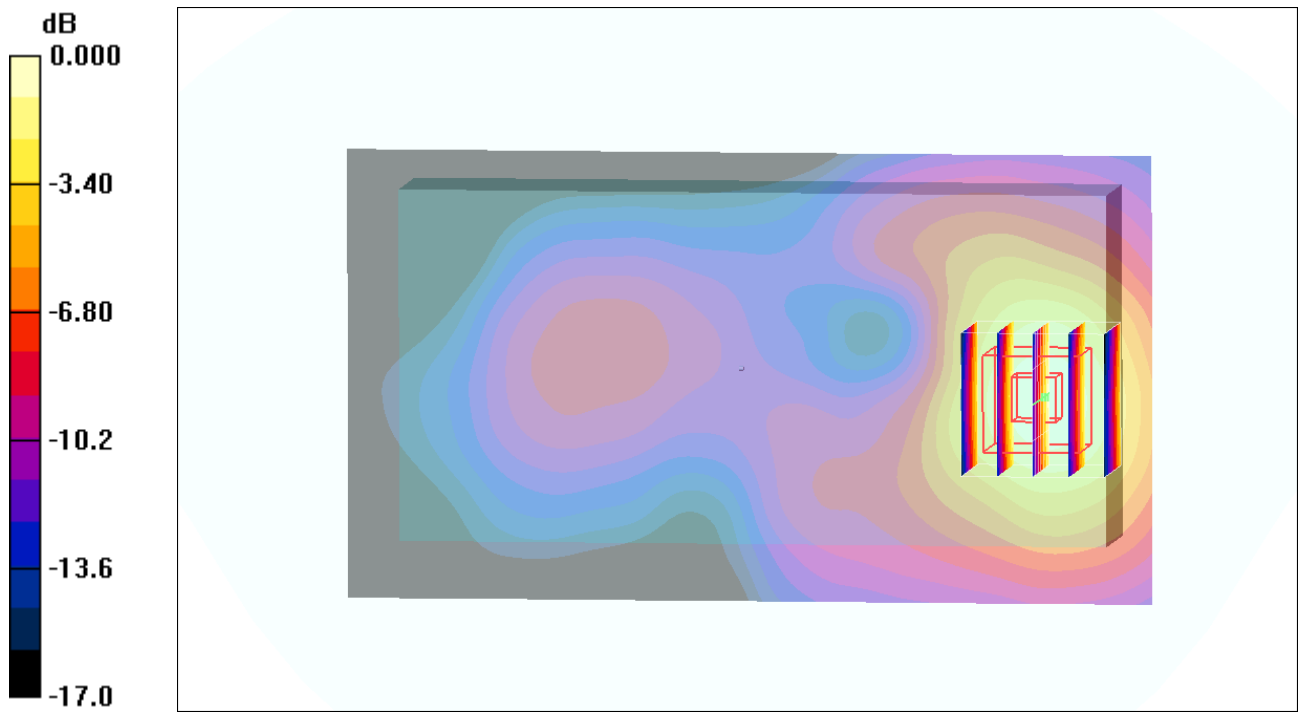
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 4.60 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.391 mW/g



0 dB = 0.391mW/g

## #66 GSM1900\_GPRS8\_Rear Face\_1.5cm\_Ch661\_2D

**DUT: 140905**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$   
mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.371 mW/g

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

Reference Value = 4.60 V/m; Power Drift = 0.018 dB

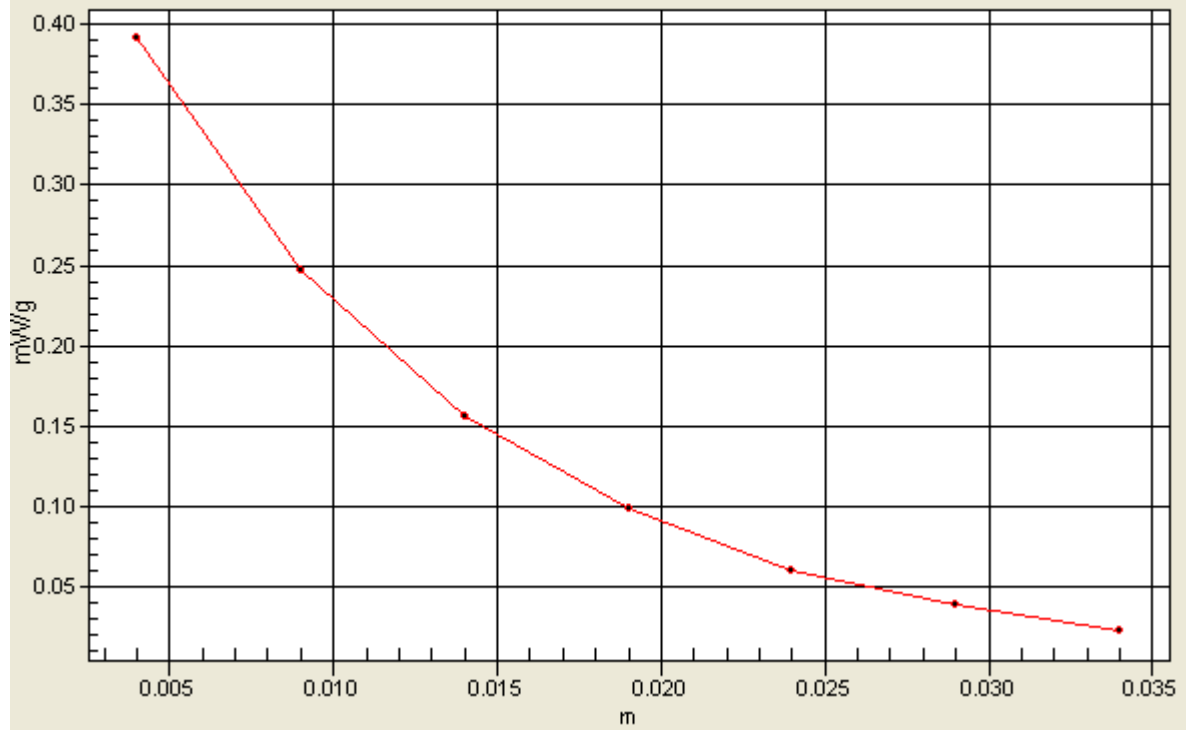
Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.391 mW/g

# 1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=2, Y=2



## #116 GSM1900\_GPRS8\_Rear Face\_1.5cm\_Ch661\_RS232

**DUT: 140905**

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

Medium: MSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.267 mW/g

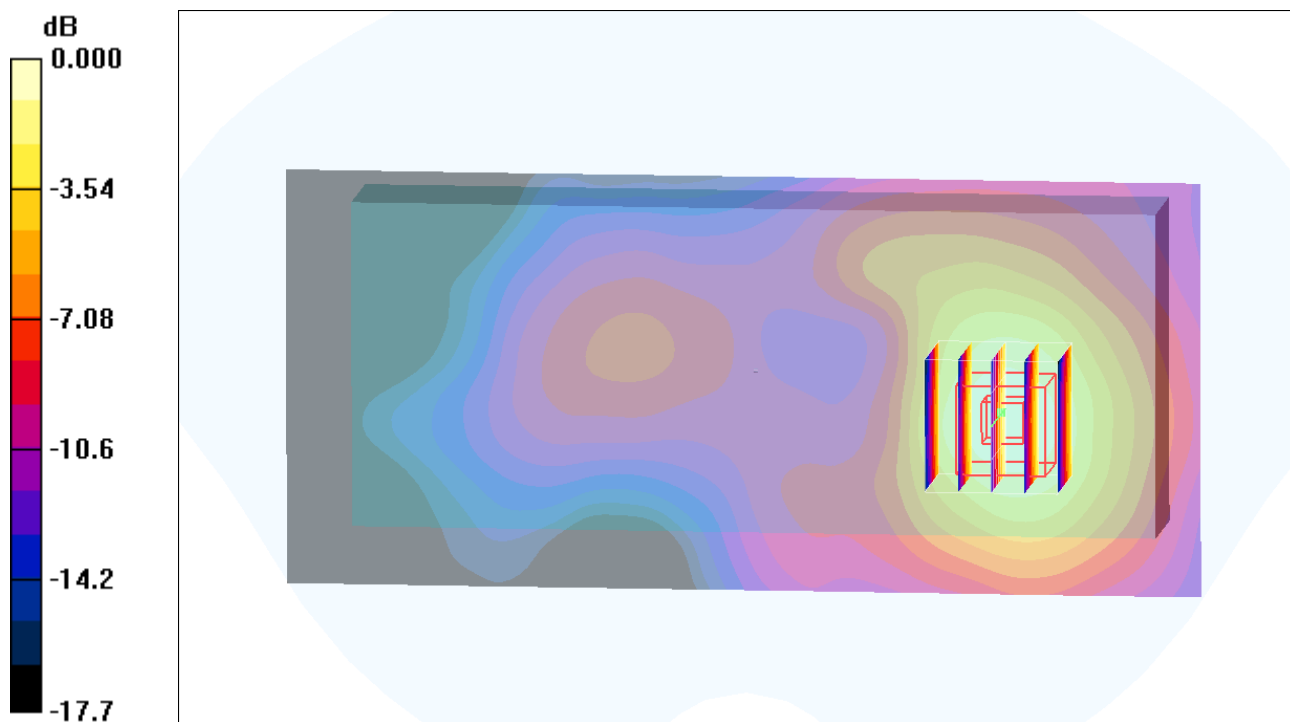
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.270 mW/g



0 dB = 0.270mW/g

## #117 GSM1900\_GPRS8\_Rear Face\_1.5cm\_Ch661\_USB

**DUT: 140905**

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

Medium: MSL\_1900\_110617 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.268 mW/g

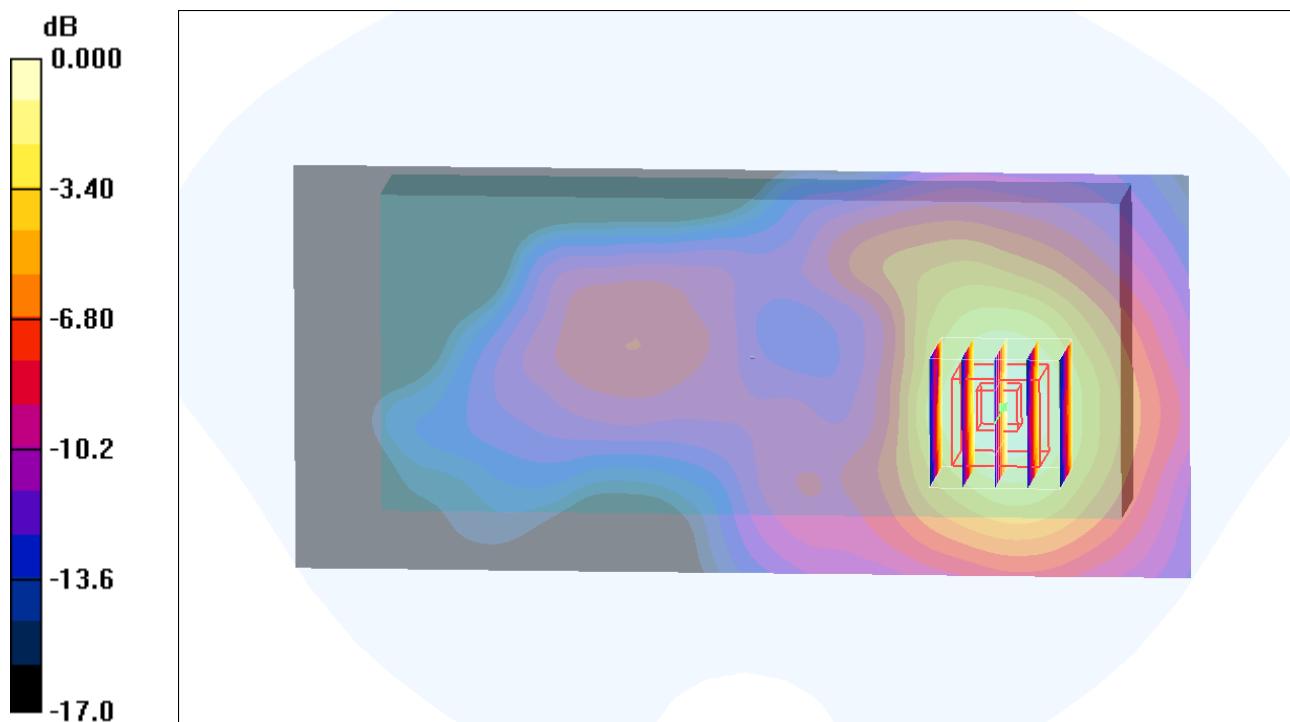
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.02 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.271mW/g

## #77 WCDMA V\_RMC12.2K\_Front Face\_0cm\_Ch4182\_Holster

### DUT: 140905

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_110617 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.182 mW/g

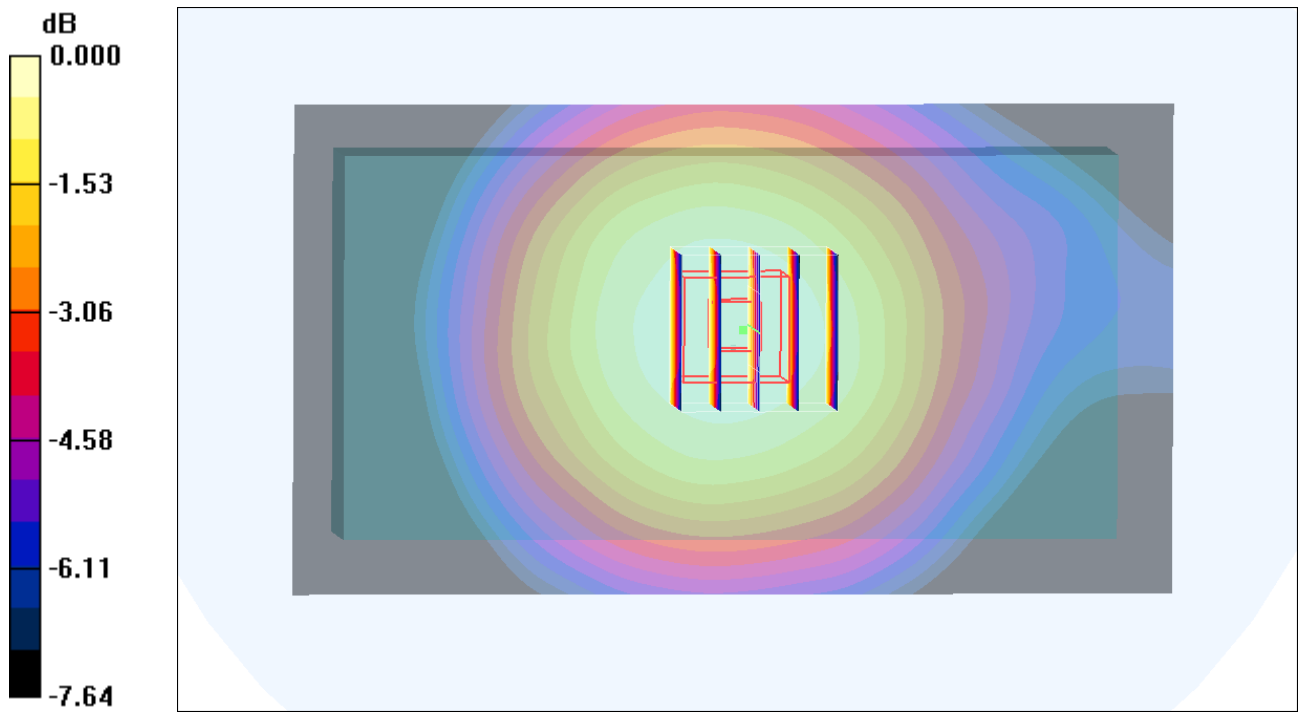
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.180mW/g



## #78 WCDMA V\_RMC12.2K\_Rear Face\_0cm\_Ch4182\_Holster

**DUT: 140905**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_110617 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$   
mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.106 mW/g

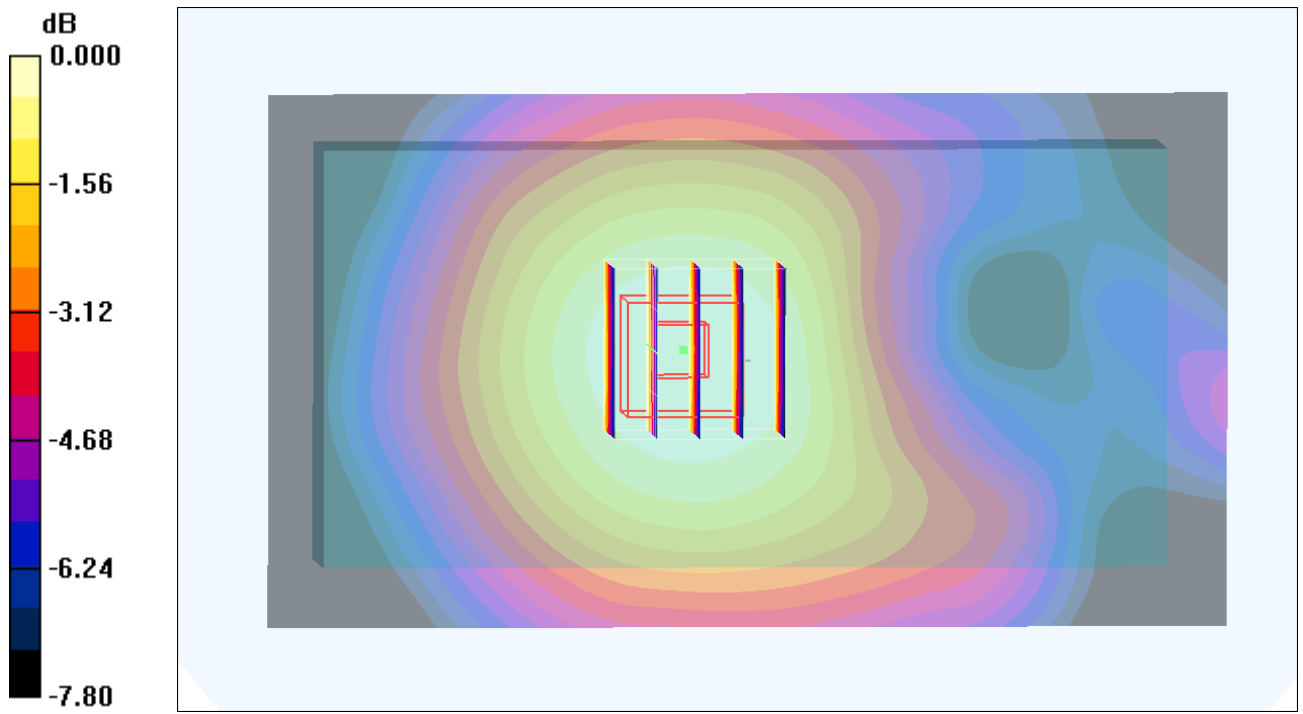
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.103mW/g

## #79 WCDMA V\_RMC12.2K\_Front Face\_1.5cm\_Ch4182

**DUT: 140905**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_110617 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$   
mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.196 mW/g

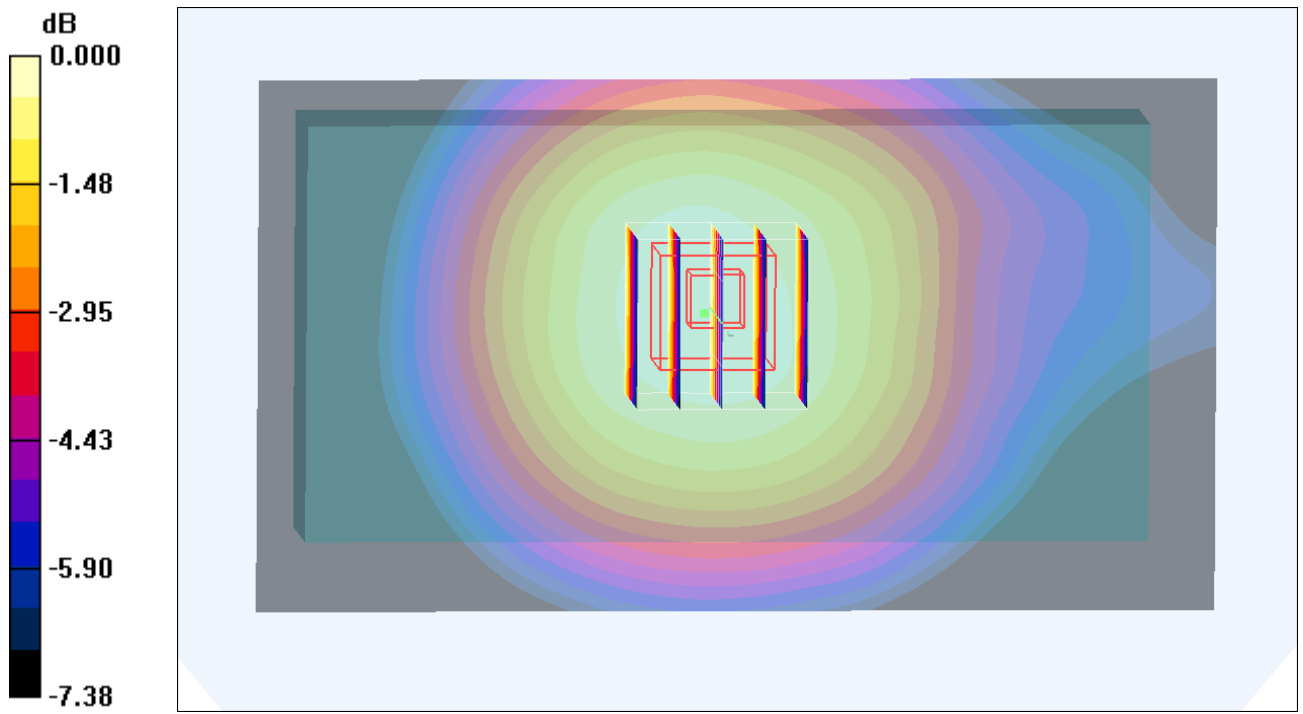
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
dz=5mm

Reference Value = 14.1 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.149 mW/g**

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.202mW/g

**#118 WCDMA V\_RMC12.2K\_Front Face\_1.5cm\_Ch4182\_RS232**

**DUT: 140905**

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

Medium: MSL\_850\_110617 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.230 mW/g

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

Reference Value = 6.09 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g

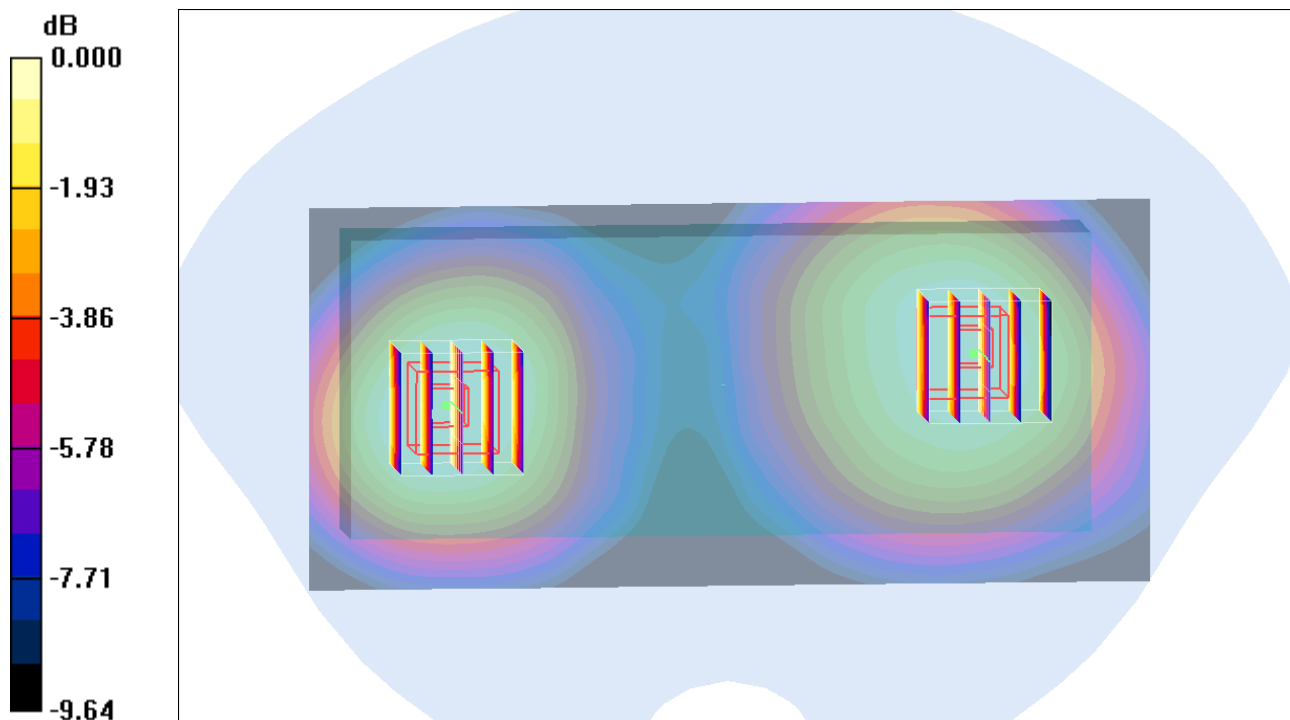
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.09 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192mW/g

**#118 WCDMA V\_RMC12.2K\_Front Face\_1.5cm\_Ch4182\_RS232\_2D**

**DUT: 140905**

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

Medium: MSL\_850\_110617 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.230 mW/g

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

Reference Value = 6.09 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g

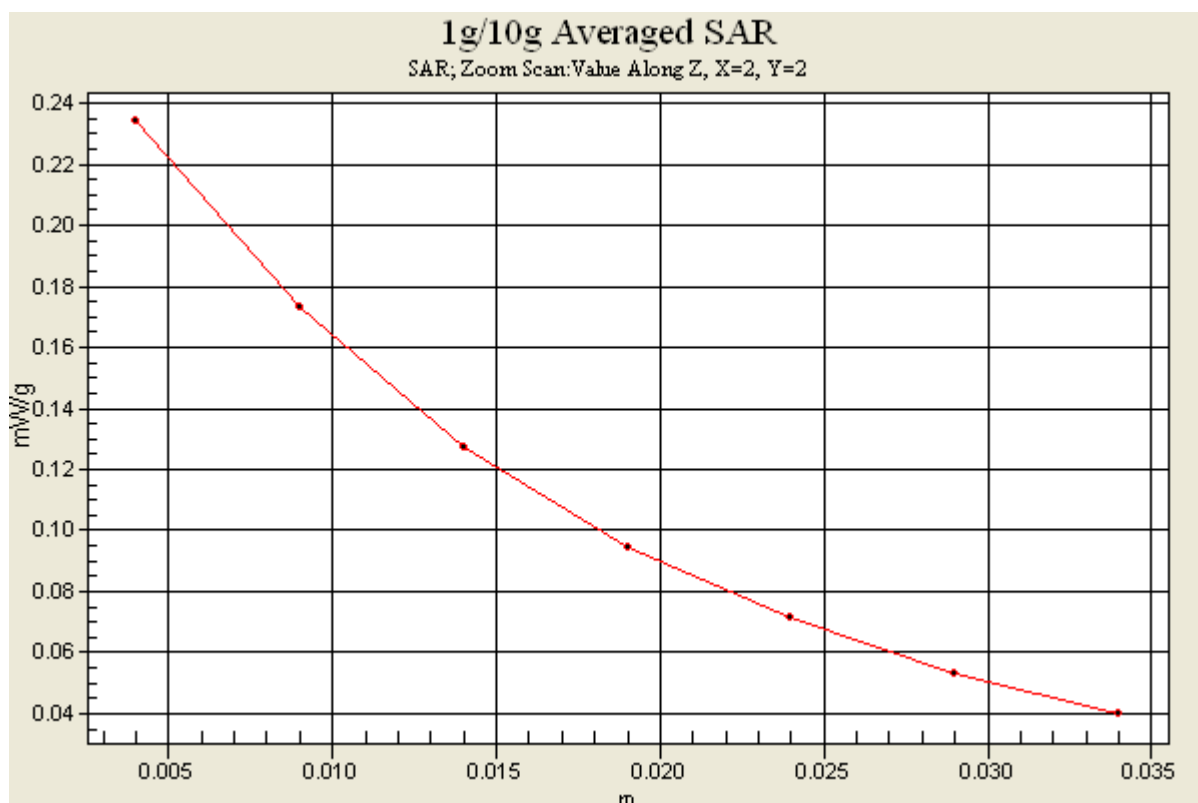
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.09 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.192 mW/g



**#119 WCDMA V\_RMC12.2K\_Front Face\_1.5cm\_Ch4182\_USB**

**DUT: 140905**

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

Medium: MSL\_850\_110617 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.215 mW/g

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

Reference Value = 5.19 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (measured) = 0.210 mW/g

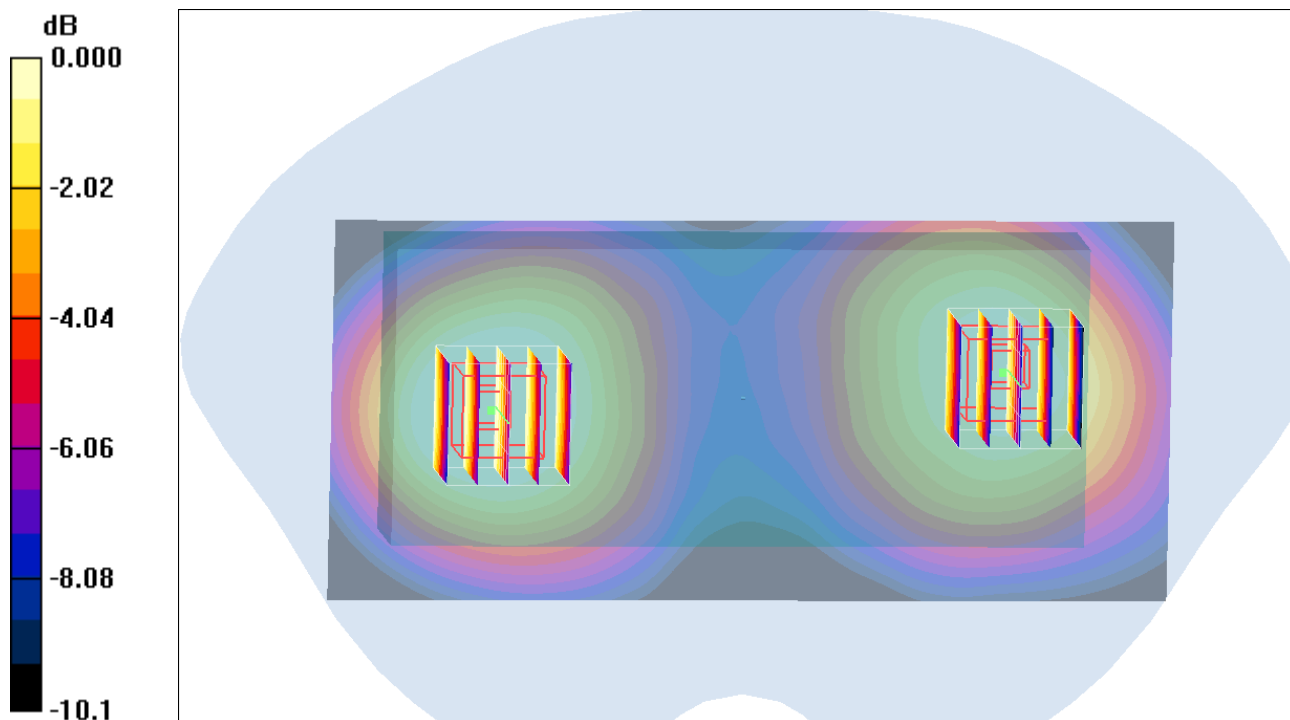
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.204 W/kg

**SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

### #99 WCDMA IV\_RMC12.2K\_Front Face\_0cm\_Ch1413\_Holster

**DUT: 140905**

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

Medium: MSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.078 mW/g

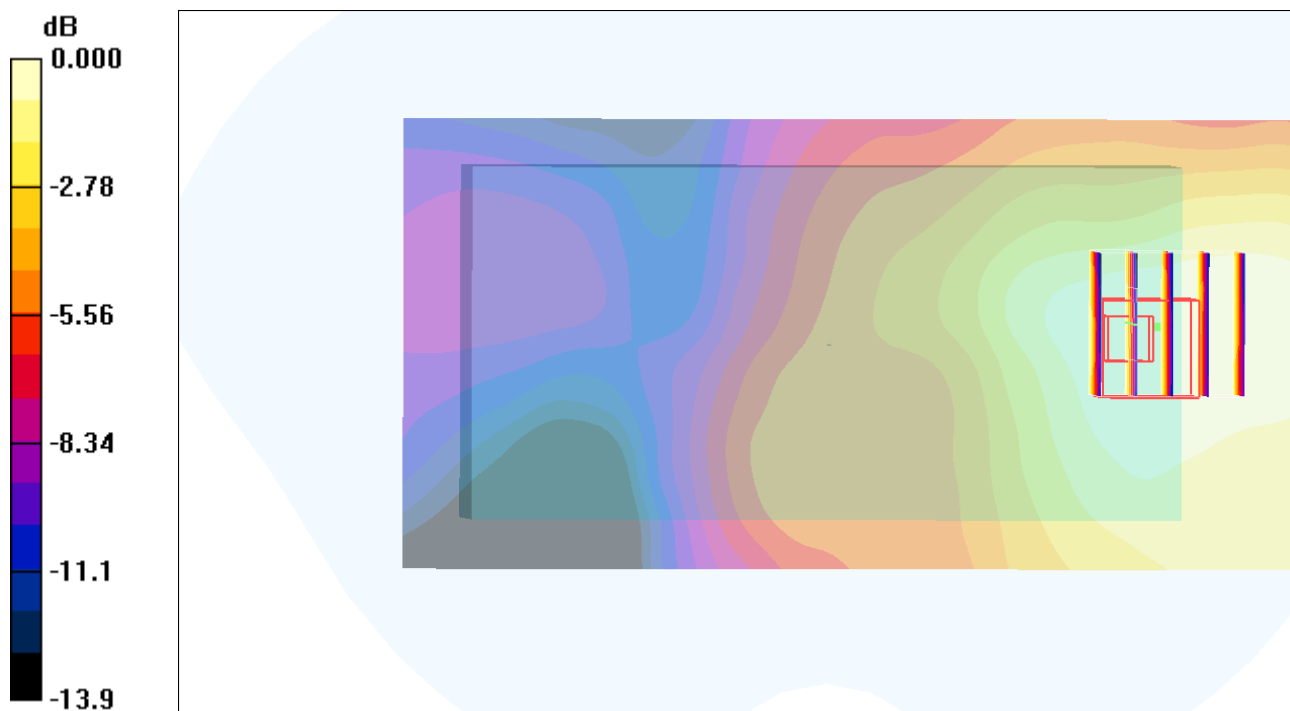
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.29 V/m; Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g



### #100 WCDMA IV\_RMC12.2K\_Rear Face\_0cm\_Ch1413\_Holster

**DUT: 140905**

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

Medium: MSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.392 mW/g

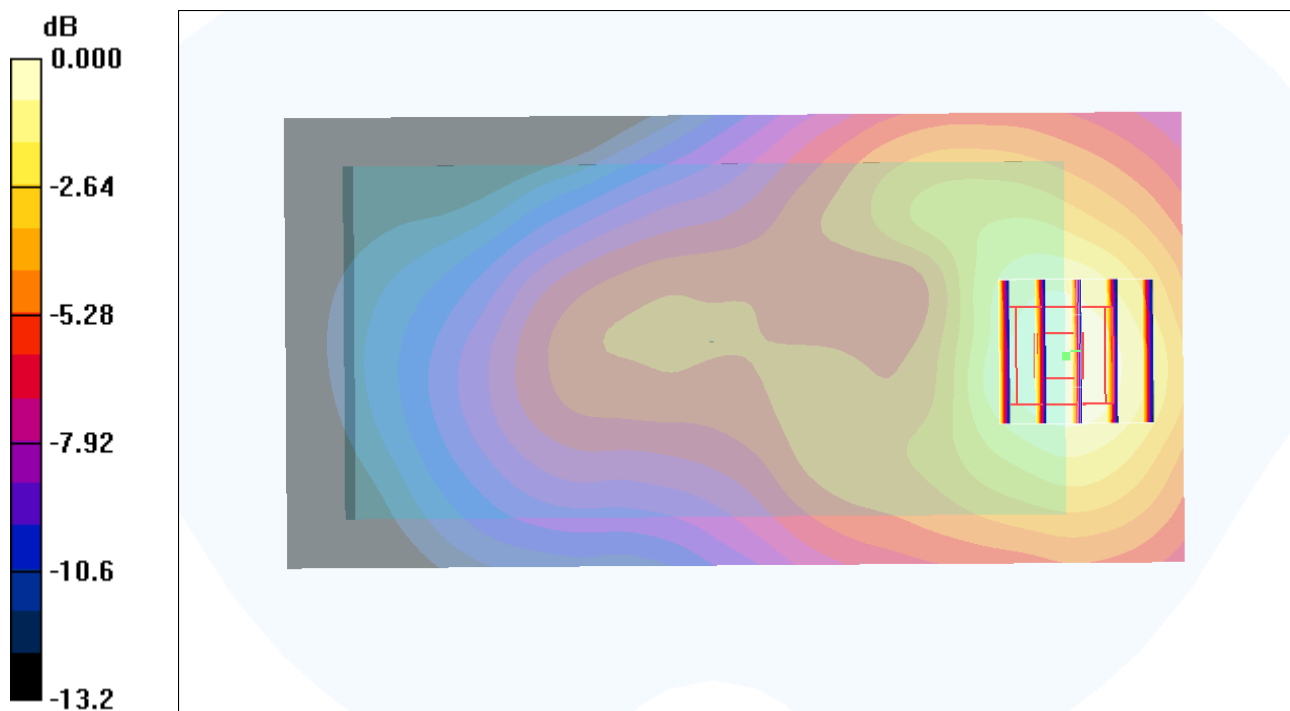
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.85 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.500 W/kg

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.386 mW/g



0 dB = 0.386mW/g

## #101 WCDMA IV\_RMC12.2K\_Rear Face\_1.5cm\_Ch1413

**DUT: 140905**

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

Medium: MSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.392 mW/g

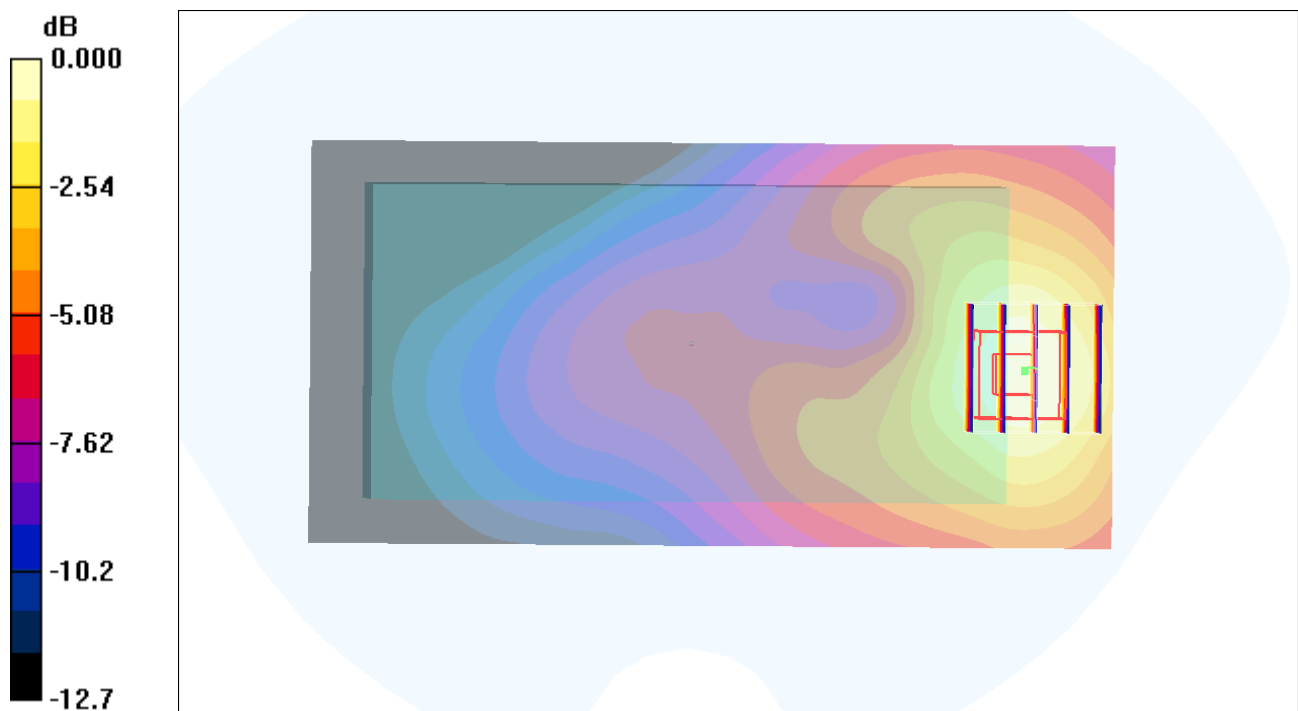
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.14 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.513 W/kg

**SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g



0 dB = 0.393mW/g

## #122 WCDMA IV\_RMC12.2K\_Rear Face\_1.5cm\_Ch1413\_RS232

**DUT: 140905**

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

Medium: MSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.463 mW/g

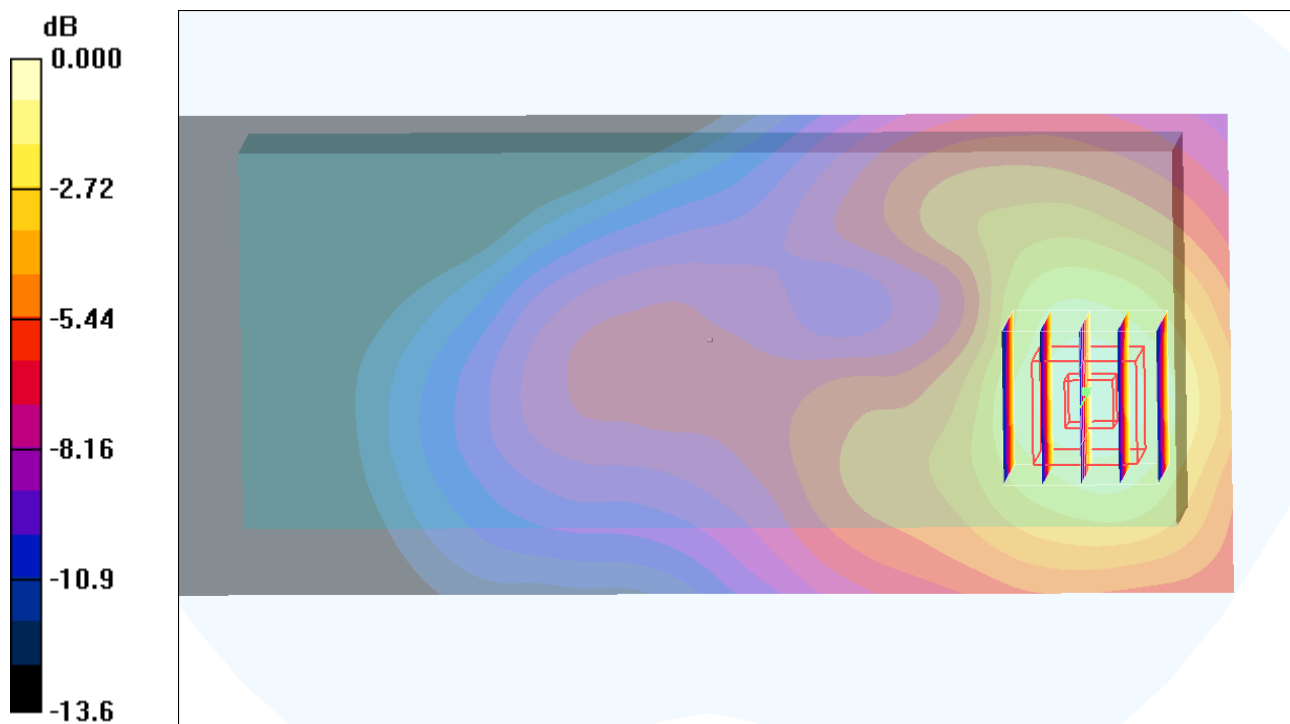
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.68 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.480 mW/g



0 dB = 0.480mW/g

#122 WCDMA IV\_RMC12.2K\_Rear Face\_1.5cm\_Ch1413\_2D

DUT: 140905

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

Medium: MSL\_1800\_110620 Medium parameters used:  $f = 1733 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.463 mW/g

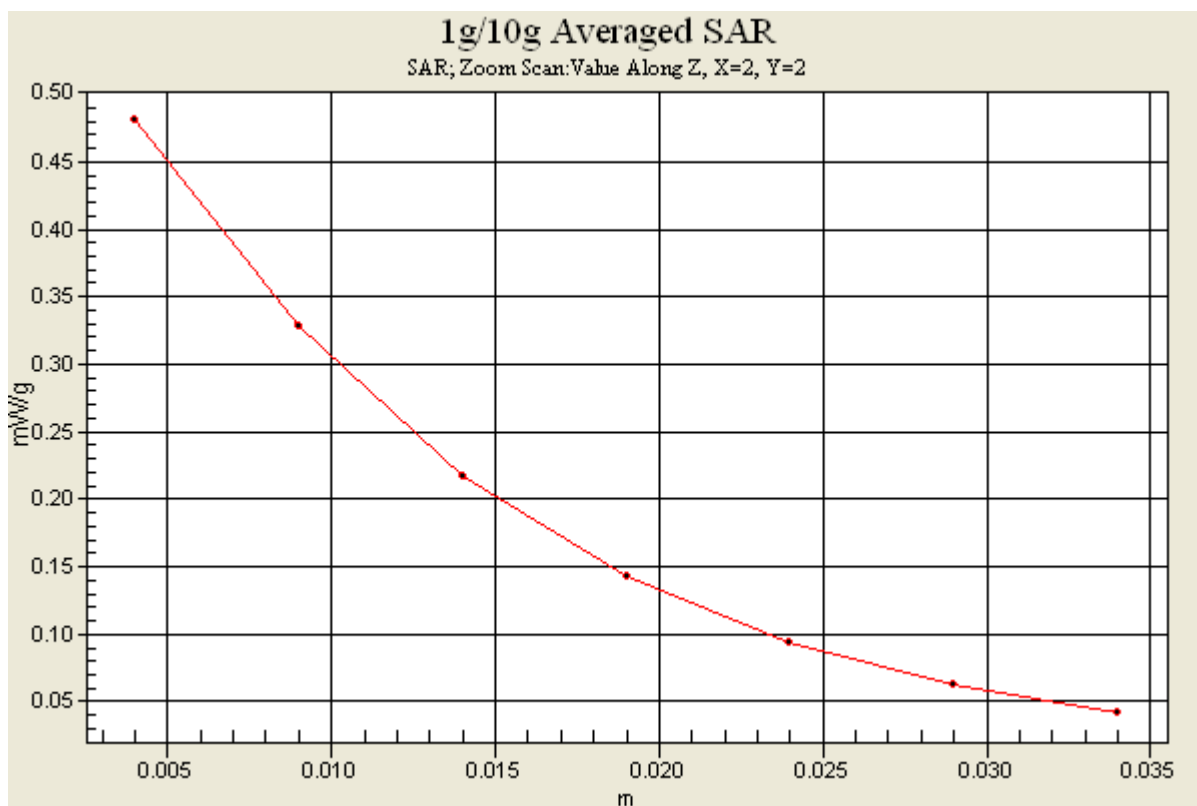
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.68 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.480 mW/g



## #123 WCDMA IV\_RMC12.2K\_Rear Face\_1.5cm\_Ch1413\_USB

**DUT: 140905**

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

Medium: MSL\_1800\_110620 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.465 mW/g

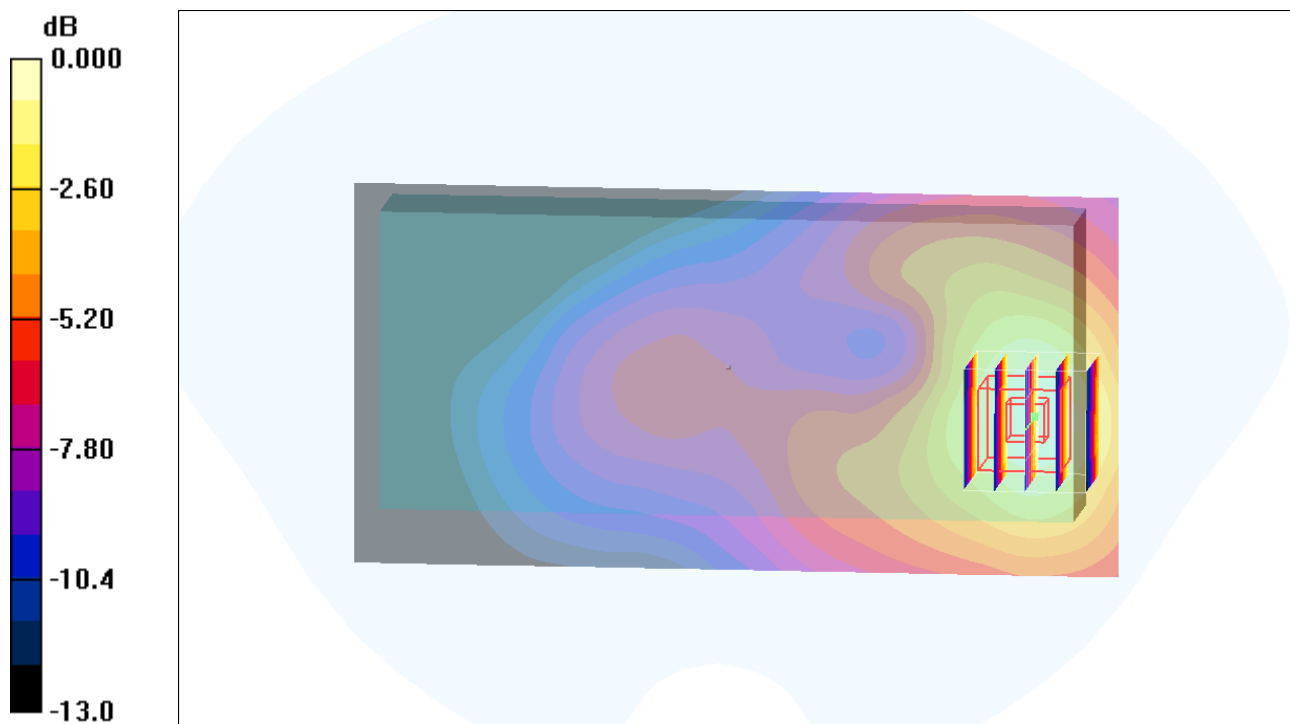
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.60 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.602 W/kg

**SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.279 mW/g**

Maximum value of SAR (measured) = 0.462 mW/g



0 dB = 0.462mW/g

## #92 WCDMA II\_RMC12.2K\_Front Face\_0cm\_Ch9262\_Holster

**DUT: 140905**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.102 mW/g

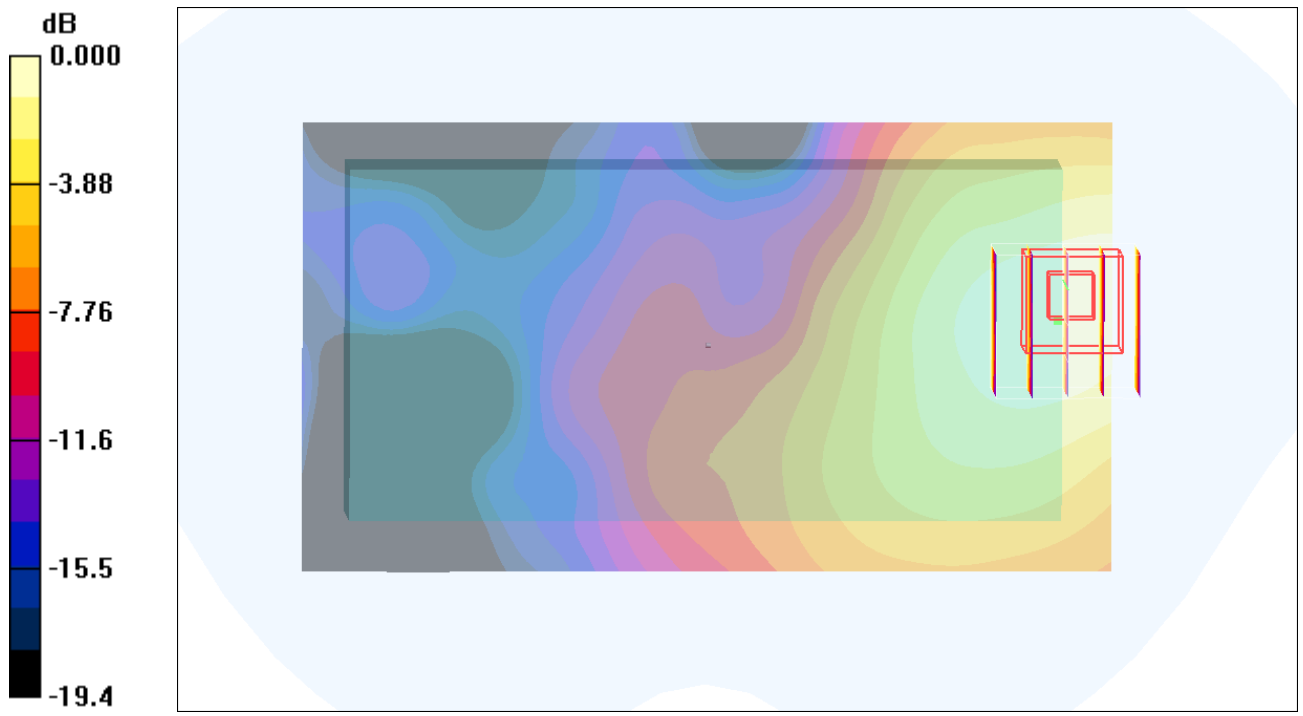
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.87 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.060 mW/g**

Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102mW/g

## #93 WCDMA II\_RMC12.2K\_Rear Face\_0cm\_Ch9262\_Holster

**DUT: 140905**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.564 mW/g

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

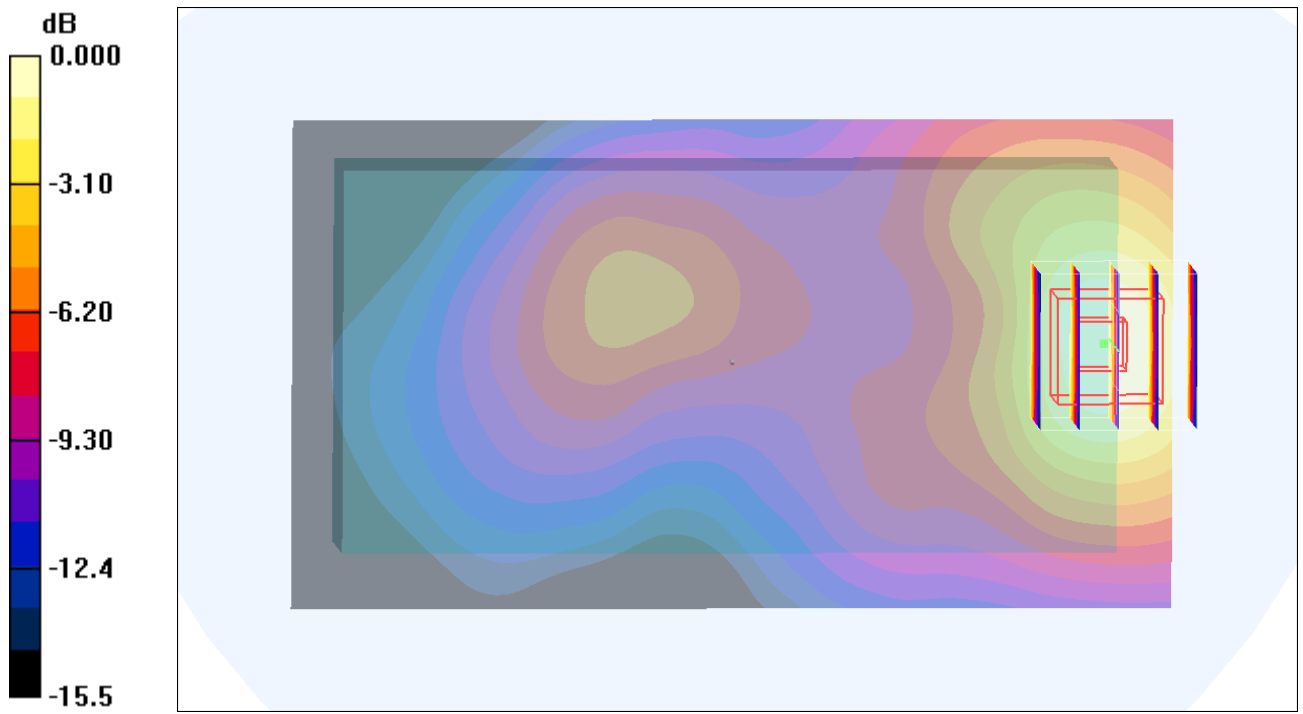
Reference Value = 7.50 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.823 W/kg

**SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 0.562 mW/g





0 dB = 0.562mW/g

## #94 WCDMA II\_RMC12.2K\_Rear Face\_1.5cm\_Ch9262

**DUT: 140905**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.594 mW/g

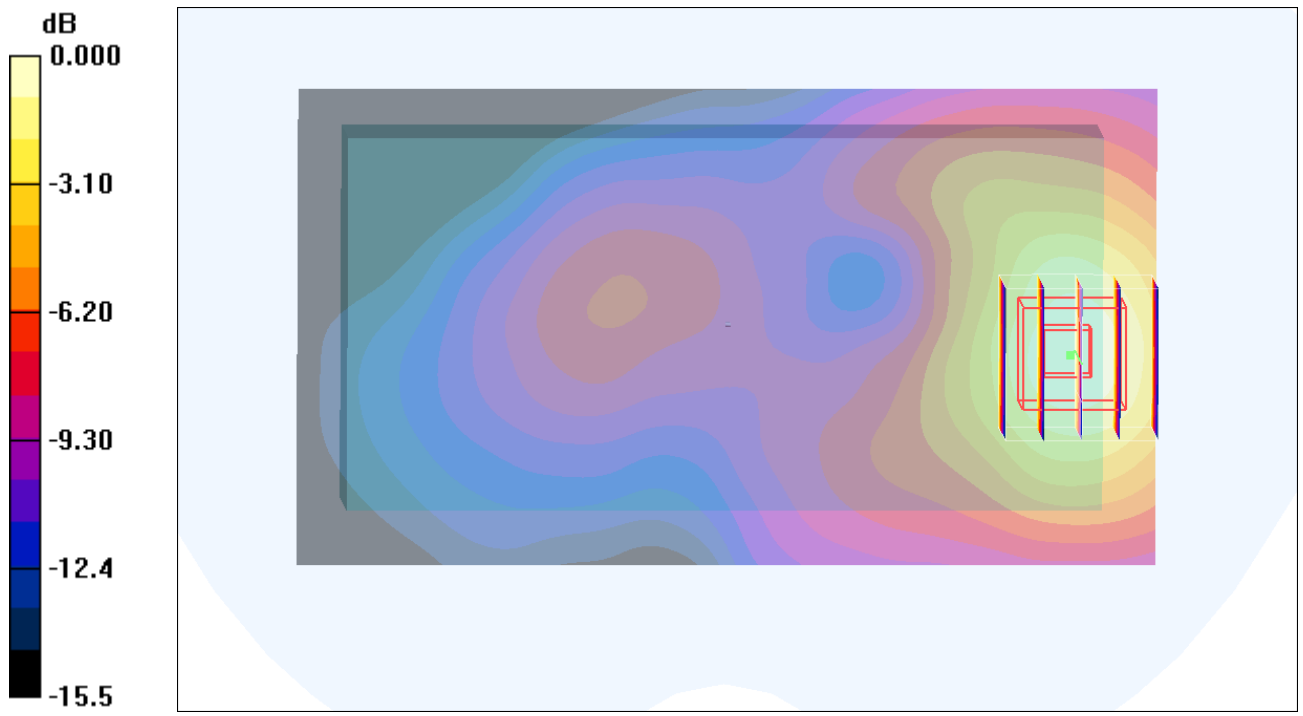
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.31 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.608 mW/g



## #94 WCDMA II\_RMC12.2K\_Rear Face\_1.5cm\_Ch9262\_2D

**DUT: 140905**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x91x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.594 mW/g

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

Reference Value = 7.31 V/m; Power Drift = 0.174 dB

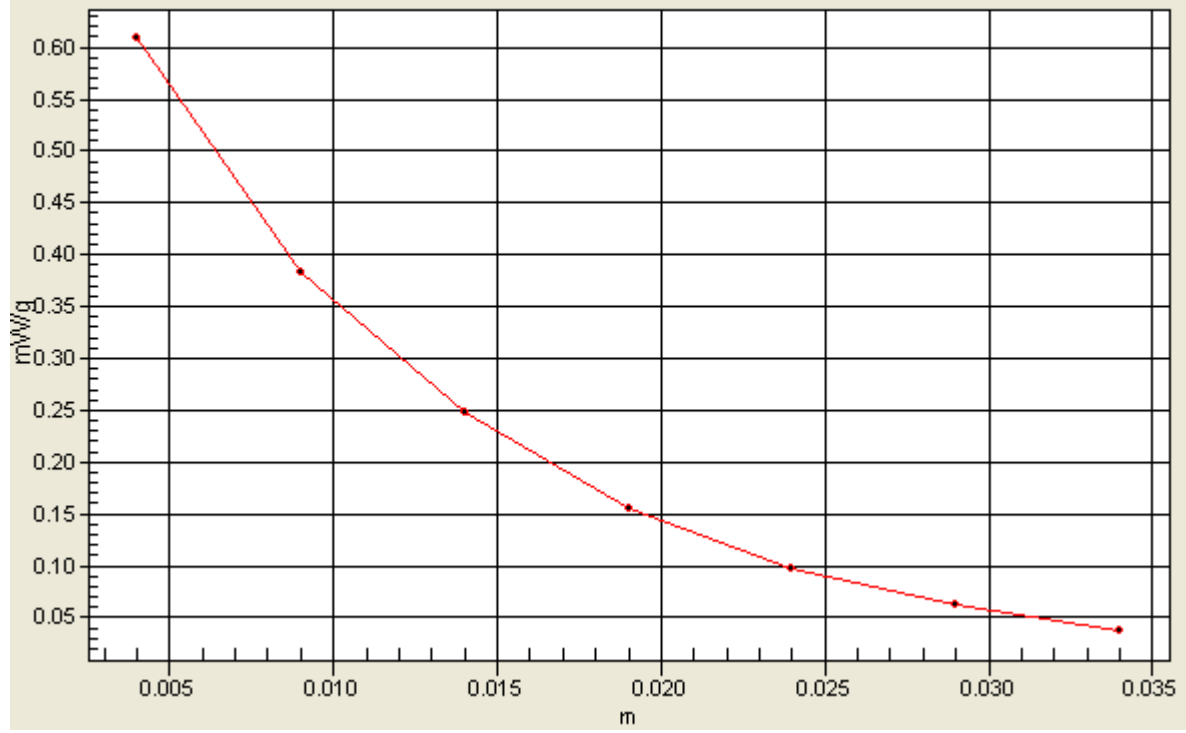
Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.608 mW/g

# 1g/10g Averaged SAR

SAR, Zoom Scan: Value Along Z, X=2, Y=2



**#120 WCDMA II\_RMC12.2K\_Rear Face\_1.5cm\_Ch9262\_RS232**

**DUT: 140905**

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

Medium: MSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

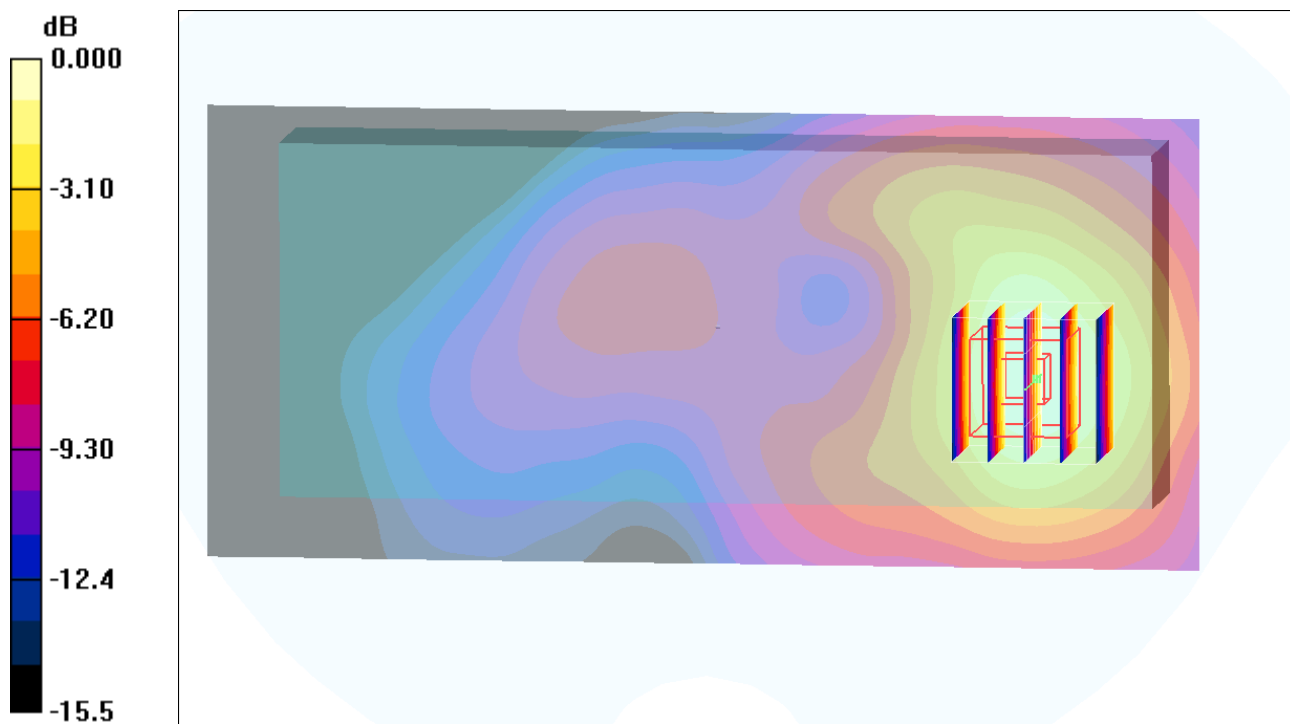
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.585 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 7.52 V/m; Power Drift = -0.004 dB  
 Peak SAR (extrapolated) = 0.829 W/kg  
**SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.322 mW/g**  
 Maximum value of SAR (measured) = 0.559 mW/g



0 dB = 0.559mW/g

**#121 WCDMA II\_RMC12.2K\_Rear Face\_1.5cm\_Ch9262\_USB**

**DUT: 140905**

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

Medium: MSL\_1900\_110617 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.619 mW/g

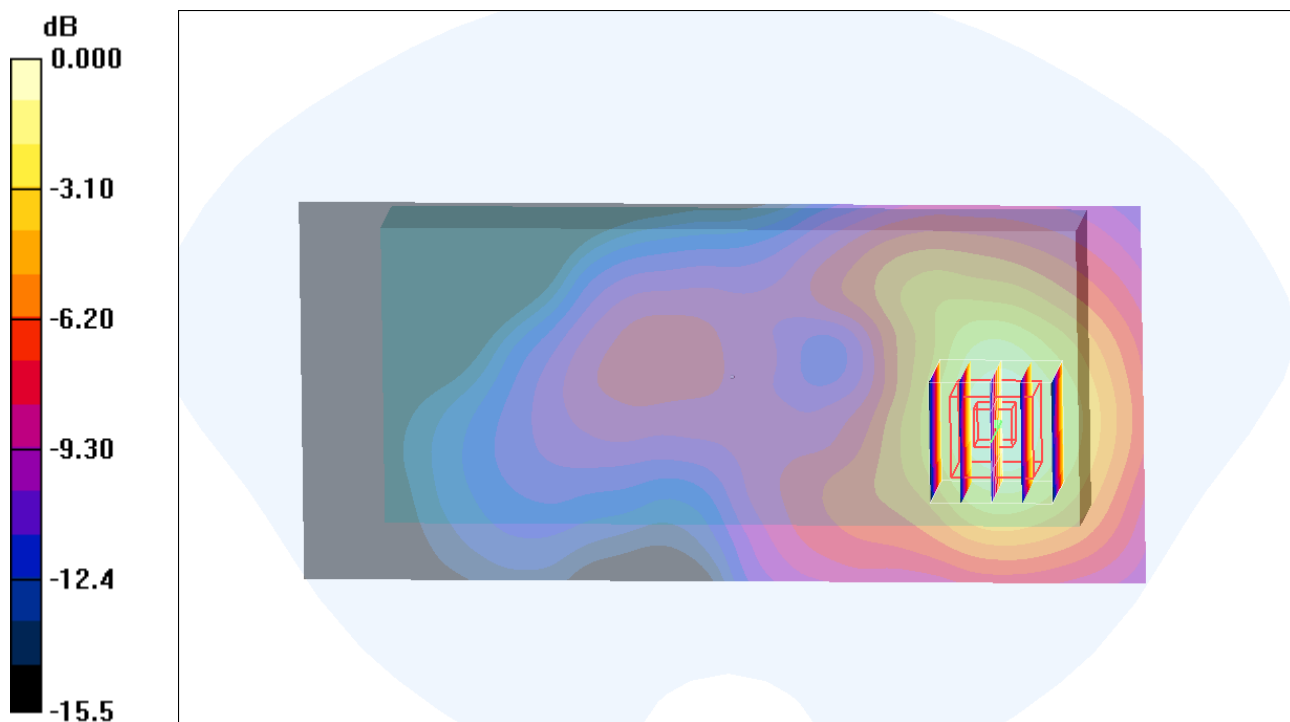
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.71 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.855 W/kg

**SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.333 mW/g**

Maximum value of SAR (measured) = 0.593 mW/g



0 dB = 0.593mW/g