

### #37\_GSM850\_DTM Multi-slot class 5\_Right Cheek\_Ch251

**DUT: 362142**

Communication System:GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4

Medium: HSL\_850\_130702 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.942$  S/m;  $\epsilon_r = 42.952$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.419 W/kg

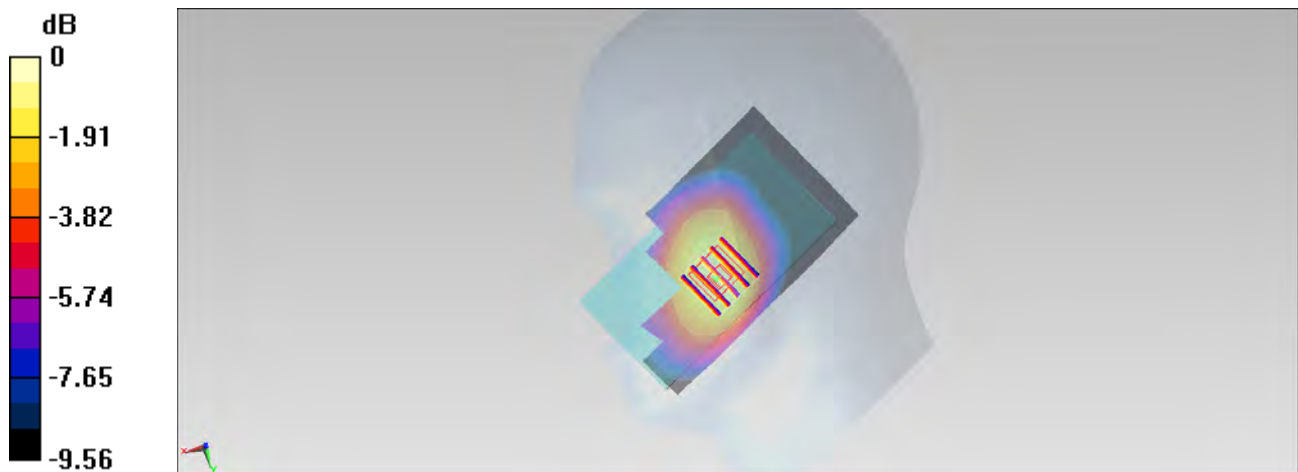
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.449 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.586 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.296 W/kg**

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

### #38\_GSM850\_DTM Multi-slot class 5\_Right Tilted\_Ch251

**DUT: 362142**

Communication System:GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4

Medium: HSL\_850\_130702 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.942$  S/m;  $\epsilon_r = 42.952$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.217 W/kg

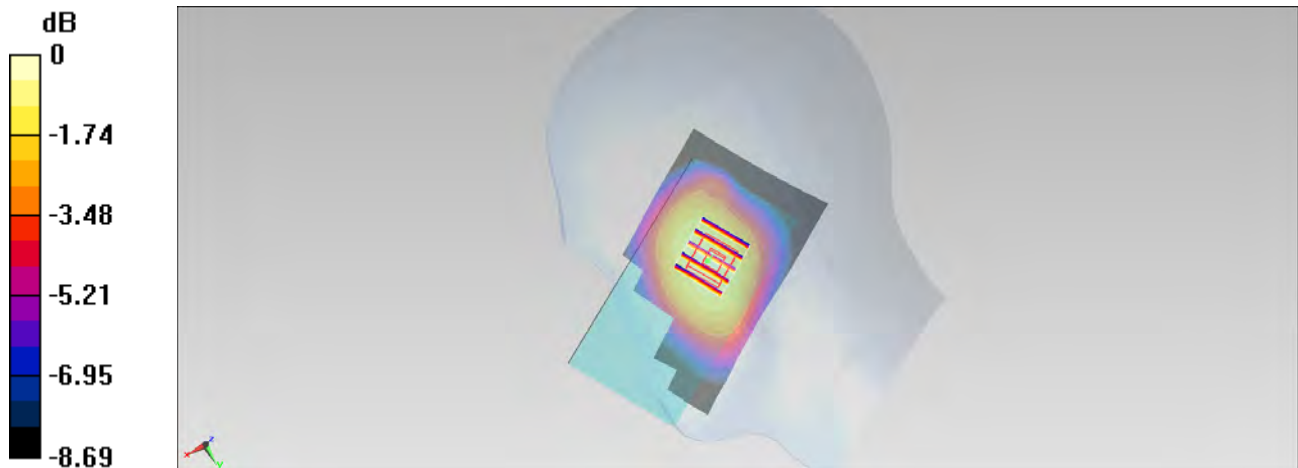
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.463 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.282 W/kg

**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.157 W/kg**

Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

### #39\_GSM850\_DTM Multi-slot class 5\_Left Cheek\_Ch251

**DUT: 362142**

Communication System:GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4

Medium: HSL\_850\_130702 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.942$  S/m;  $\epsilon_r = 42.952$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.330 W/kg

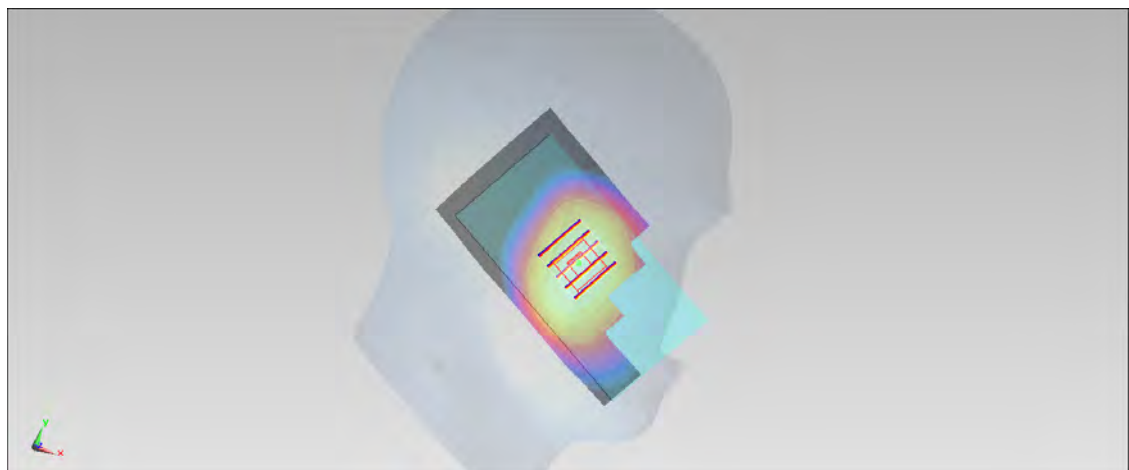
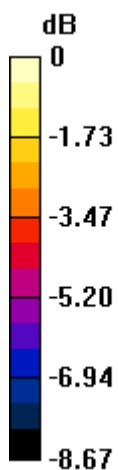
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.417 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.332 W/kg = -4.79 dBW/kg

## #40\_GSM850\_DTM Multi-slot class 5\_Left Tilted\_Ch251

**DUT: 362142**

Communication System:GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:4

Medium: HSL\_850\_130702 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.942$  S/m;  $\epsilon_r = 42.952$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.197 W/kg

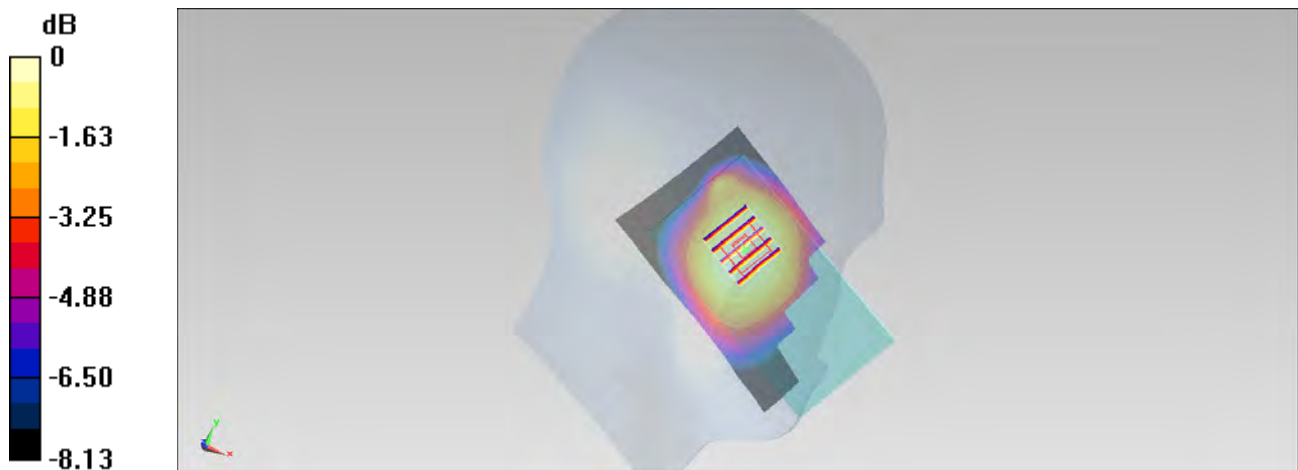
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.887 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

## #29\_GSM1900\_DTM Multi-slot class 5\_Right Cheek\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.916$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch512/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.156 W/kg

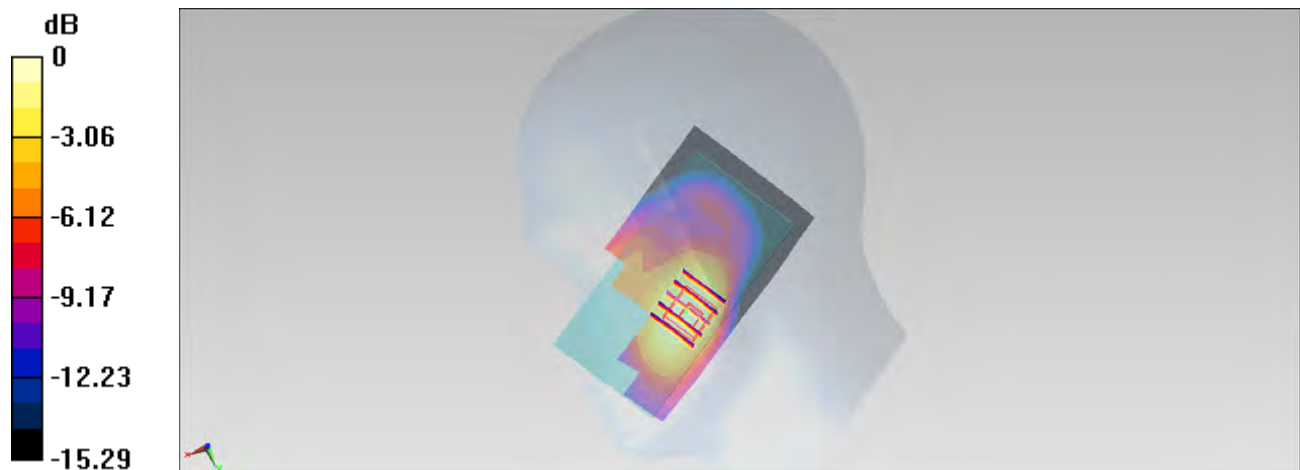
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.645 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.204 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.081 W/kg**

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

### #30\_GSM1900\_DTM Multi-slot class 5\_Right Tilted\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.916$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch512/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0593 W/kg

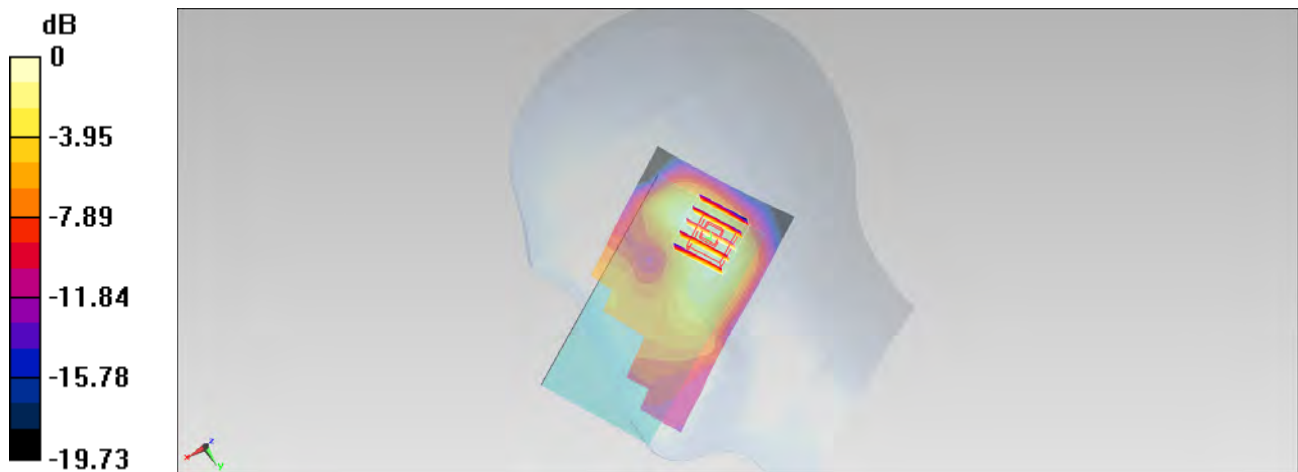
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.620 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0750 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.0561 W/kg



0 dB = 0.0561 W/kg = -12.51 dBW/kg

## #31\_GSM1900\_DTM Multi-slot class 5\_Left Cheek\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.916$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch512/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.131 W/kg

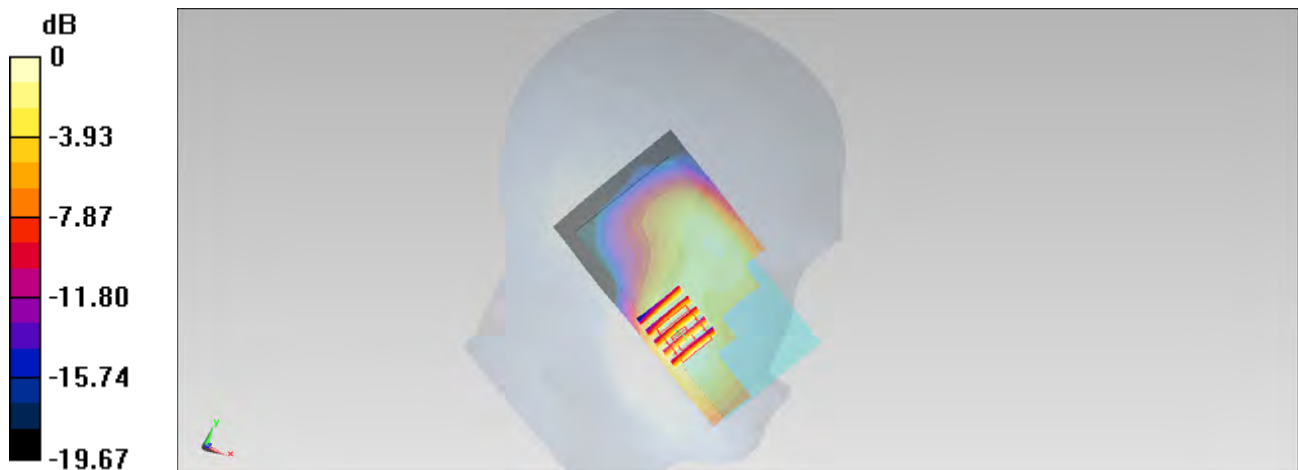
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.641 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

## #32\_GSM1900\_DTM Multi-slot class 5\_Left Tilted\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.916$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch512/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0904 W/kg

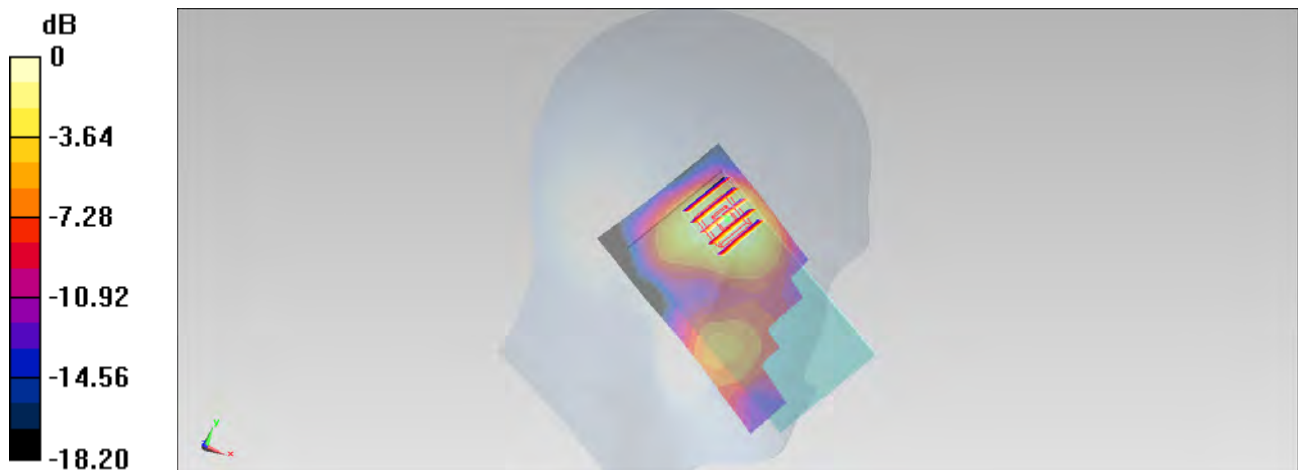
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.892 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.0831 W/kg



0 dB = 0.0831 W/kg = -10.80 dBW/kg



**#41\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4132****DUT: 362142**

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

Medium: HSL\_850\_130703 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.96, 5.96, 5.96); Calibrated: 2012/10/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

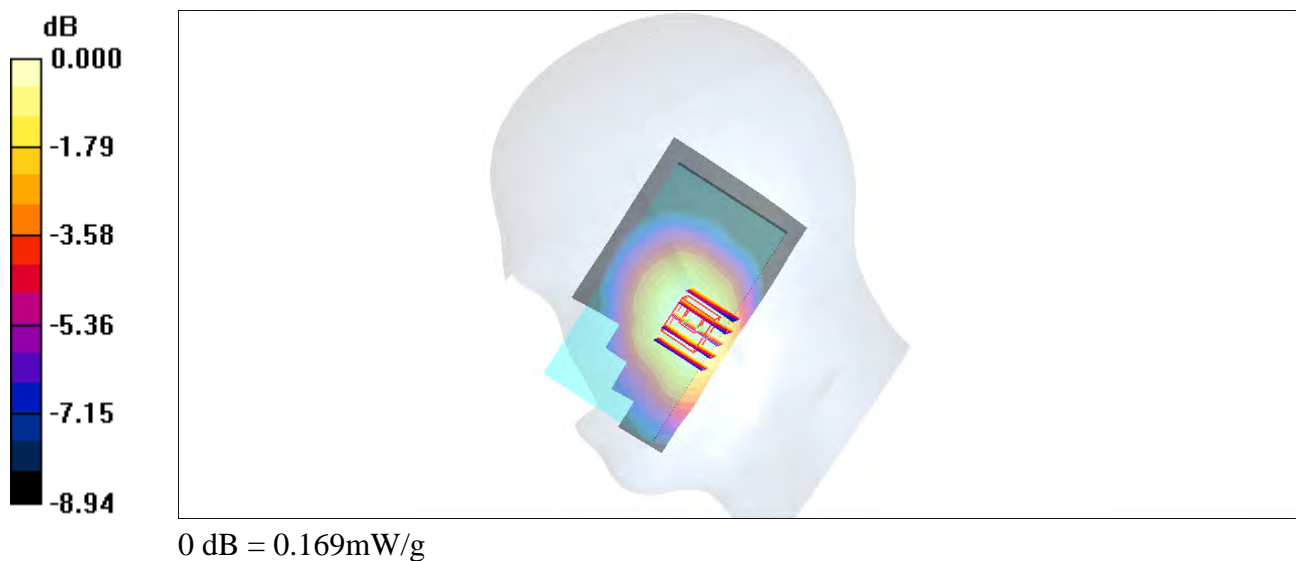
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g



**#42\_WCDMA V\_RMC 12.2Kbps\_Right Tilted\_Ch4132****DUT: 362142**

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

Medium: HSL\_850\_130703 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.96, 5.96, 5.96); Calibrated: 2012/10/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.102 mW/g

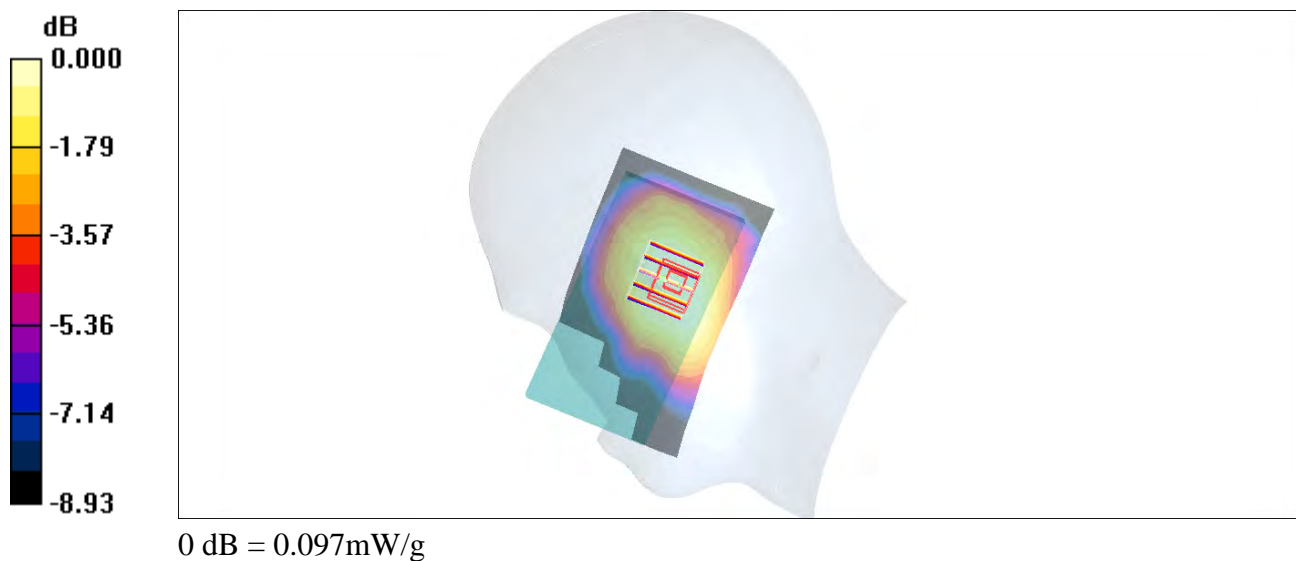
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.097 mW/g



**#43\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4132****DUT: 362142**

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

Medium: HSL\_850\_130703 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.96, 5.96, 5.96); Calibrated: 2012/10/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.139 mW/g

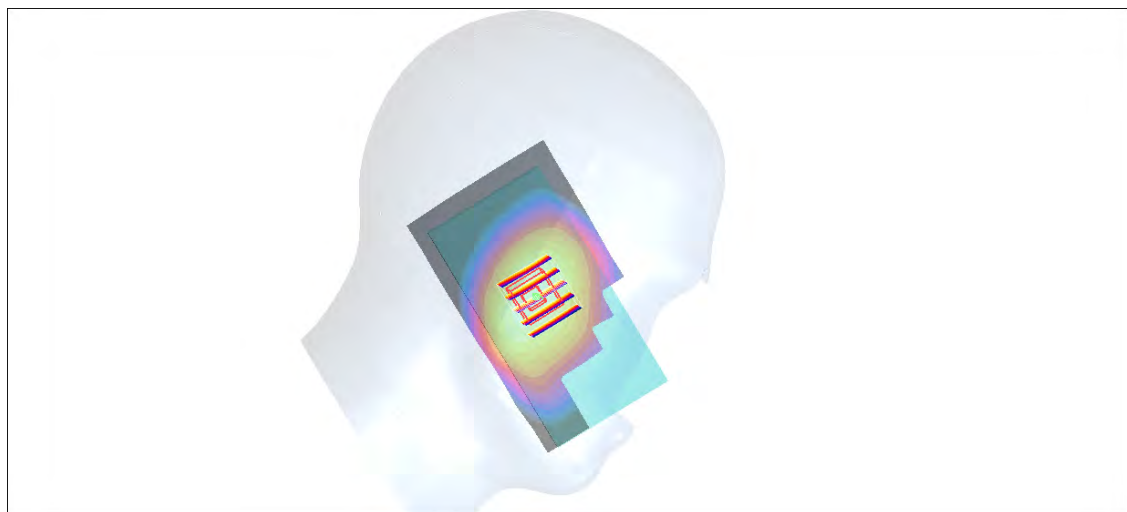
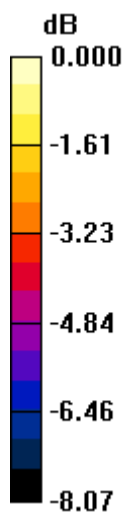
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.099 mW/g**

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

## #44\_WCDMA V\_RMC 12.2Kbps\_Left Tilted\_Ch4132

**DUT: 362142**

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

Medium: HSL\_850\_130703 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.96, 5.96, 5.96); Calibrated: 2012/10/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2013/5/8
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.089 mW/g

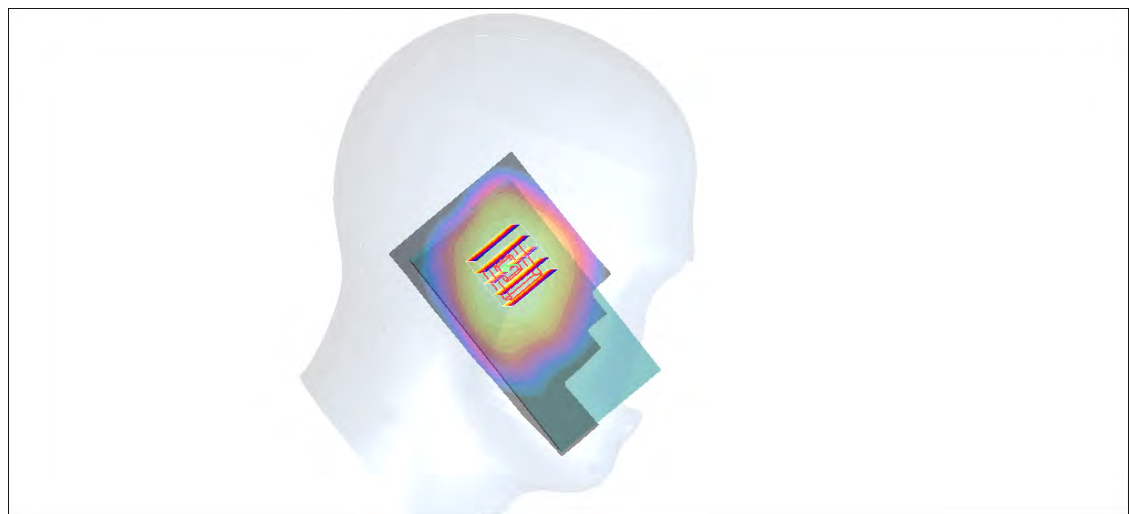
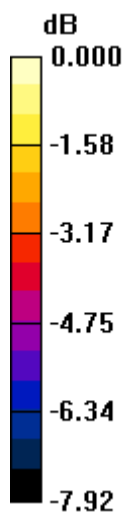
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.088mW/g

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

**DUT: 362142**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.384 \text{ S/m}$ ;  $\epsilon_r = 38.906$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature :  $22.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Chh9262/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.163 \text{ W/kg}$

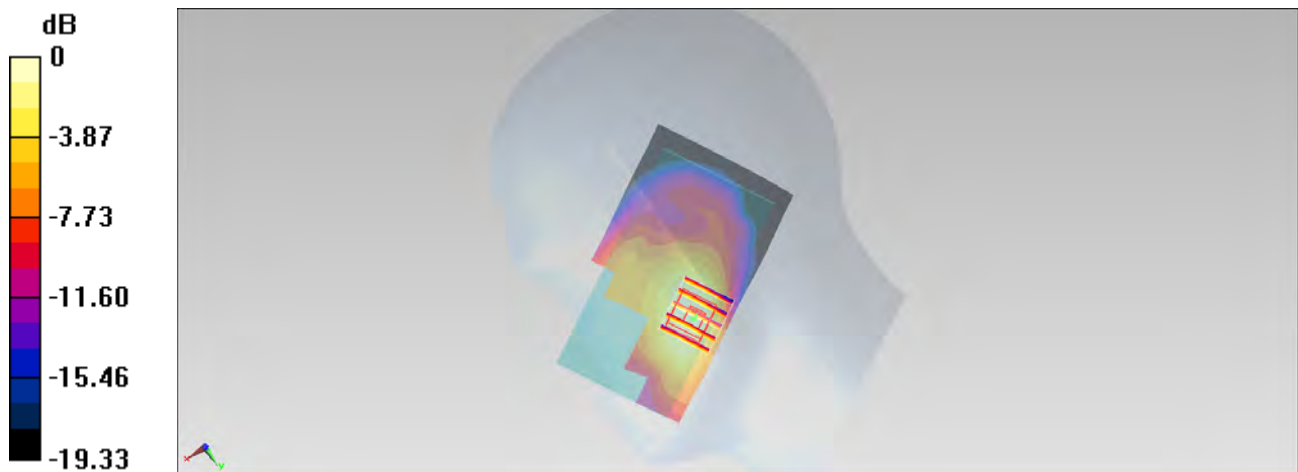
**Configuration/Chh9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.049 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.205 \text{ W/kg}$

**SAR(1 g) =  $0.135 \text{ W/kg}$ ; SAR(10 g) =  $0.084 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.159 \text{ W/kg}$



0 dB =  $0.159 \text{ W/kg} = -7.99 \text{ dBW/kg}$

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

**DUT: 362142**

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

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 38.906$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Chh9262/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0625 W/kg

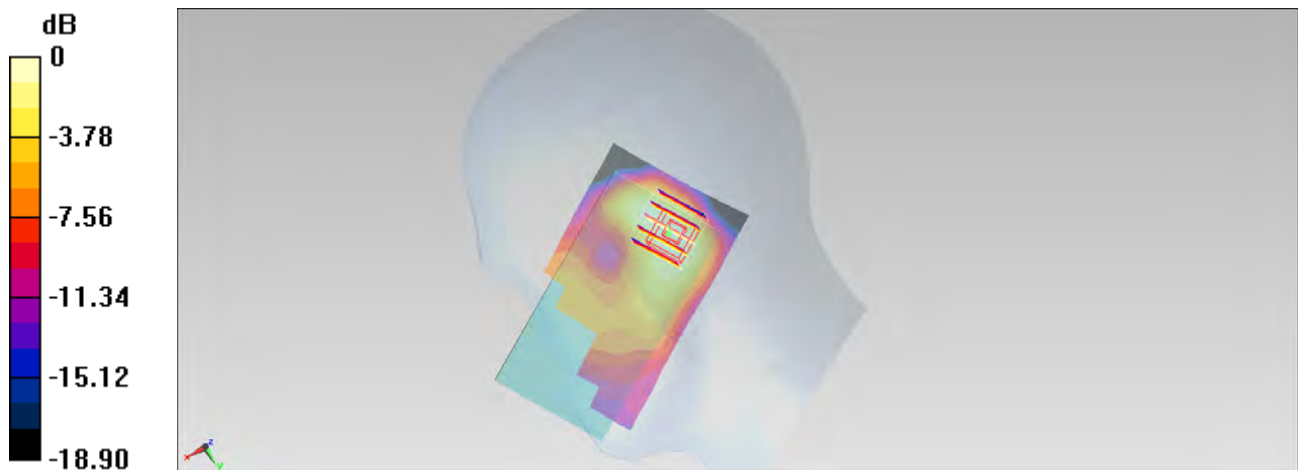
**Configuration/Chh9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.902 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0830 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.0625 W/kg



0 dB = 0.0625 W/kg = -12.04 dBW/kg

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

**DUT: 362142**

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

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 38.906$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Chh9262/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.149 W/kg

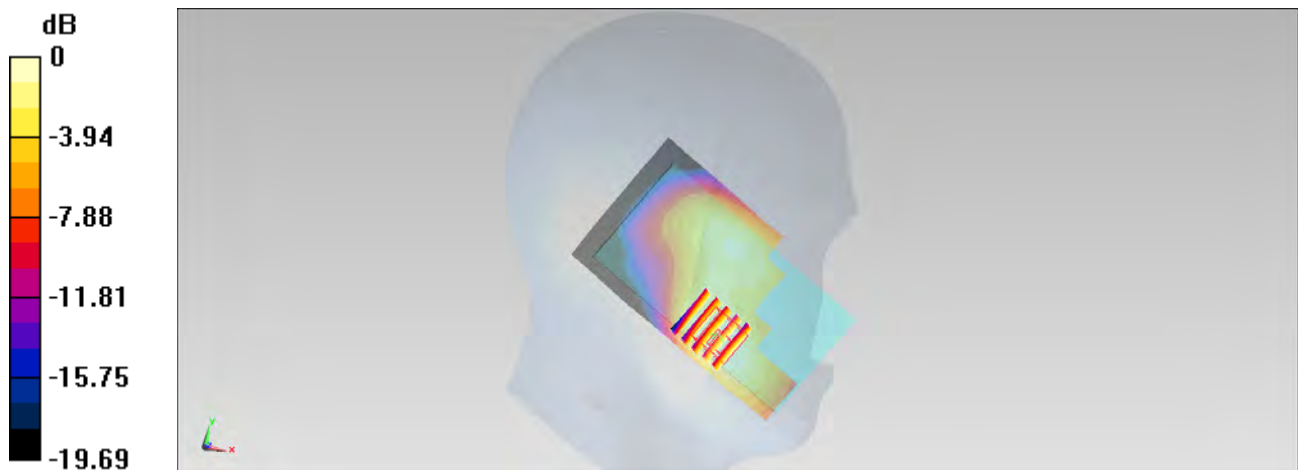
**Configuration/Chh9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.237 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.177 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.137 W/kg



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

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

**DUT: 362142**

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

Medium: HSL\_1900\_130701 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 38.906$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Chh9262/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0933 W/kg

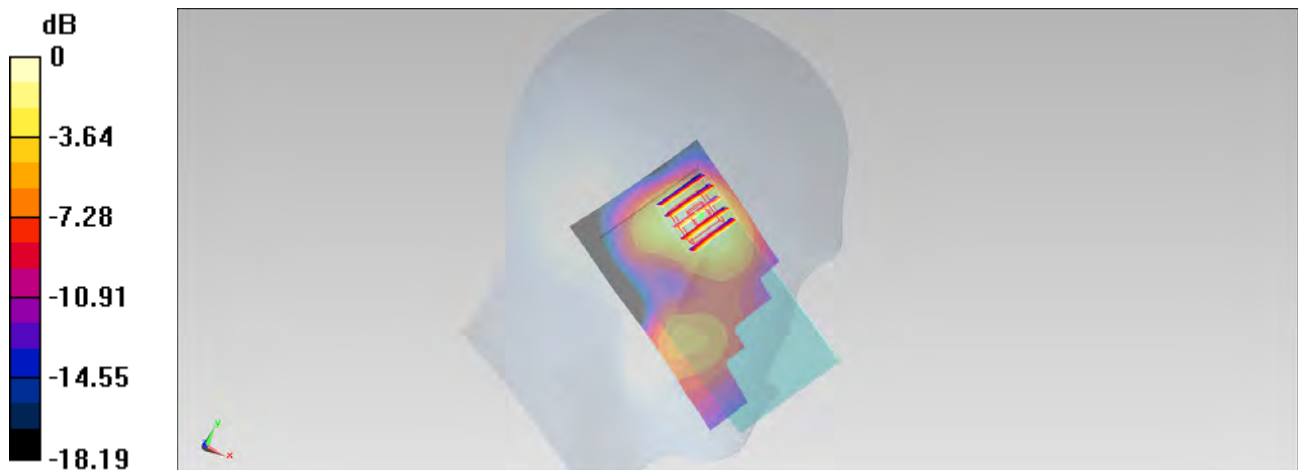
**Configuration/Chh9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.117 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.111 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.0875 W/kg



0 dB = 0.0875 W/kg = -10.58 dBW/kg



## #45\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch11

**DUT: 362142**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1009

Medium: HSL\_2450\_130703 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.567 mW/g

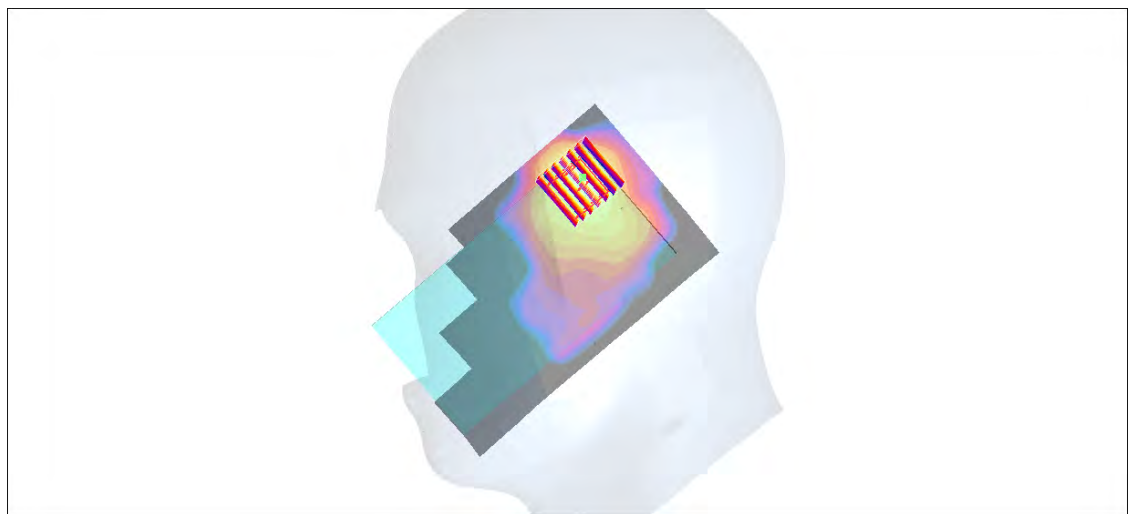
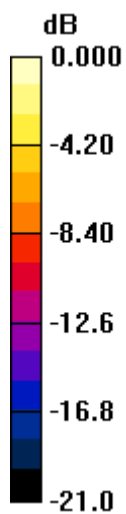
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.771 W/kg

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.190 mW/g**

Maximum value of SAR (measured) = 0.557 mW/g



0 dB = 0.557mW/g

**#46\_WLAN2.4GHz\_802.11b 1Mbps\_Right Tilted\_Ch11****DUT: 362142**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1009

Medium: HSL\_2450\_130703 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.555 mW/g

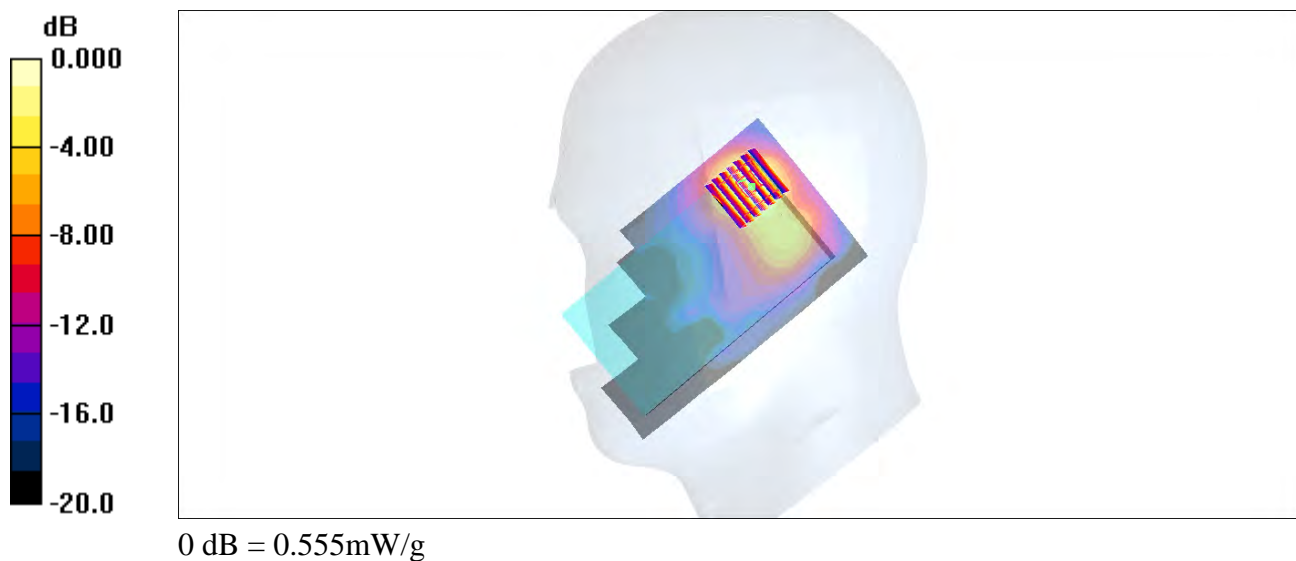
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.697 W/kg

**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.500 mW/g



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

**DUT: 362142**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1009

Medium: HSL\_2450\_130703 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.384 mW/g

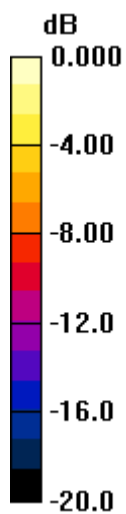
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 0.413 W/kg

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.303 mW/g



0 dB = 0.303mW/g

## #48\_WLAN2.4GHz\_802.11b 1Mbps\_Left Tilted\_Ch11

**DUT: 362142**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1009

Medium: HSL\_2450\_130703 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.86 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x141x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) = 0.418 mW/g

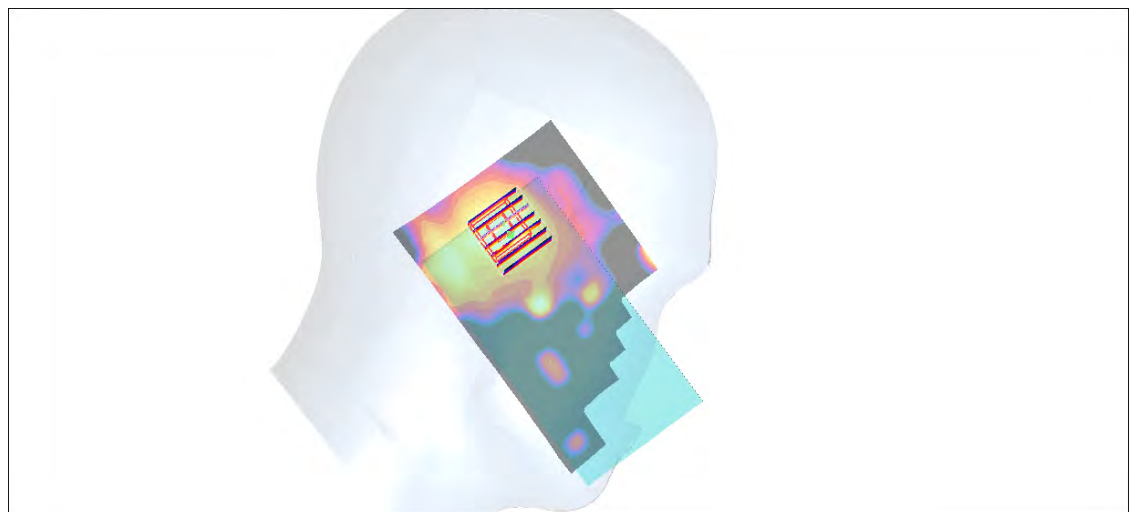
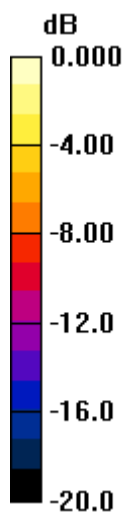
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.8 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.387 W/kg

**SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.294mW/g

## #76\_WLAN5GHz\_802.11a\_6Mbps\_Right Cheek\_Ch36

**DUT: 362142**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.469$  S/m;  $\epsilon_r = 37.488$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

## #77\_WLAN5GHz\_802.11a\_6Mbps\_Right Tilted\_Ch36

**DUT: 362142**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.469$  S/m;  $\epsilon_r = 37.488$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.103 W/kg

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

Reference Value = 1.771 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.734 W/kg

**SAR(1 g) = 0.00227 W/kg; SAR(10 g) = 5.3e-005 W/kg**

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



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

## #78\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch36

**DUT: 362142**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.469$  S/m;  $\epsilon_r = 37.488$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.264 W/kg

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

Reference Value = 2.818 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

## #79\_WLAN5GHz\_802.11a\_6Mbps\_Left Tilted\_Ch36

**DUT: 362142**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.469$  S/m;  $\epsilon_r = 37.488$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.0536 W/kg

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

Reference Value = 3.975 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.511 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.00954 W/kg**

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



0 dB = 0.221 W/kg = -6.56 dBW/kg



## #80\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Left Tilted\_Ch42

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.216

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.498$  S/m;  $\epsilon_r = 37.449$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch42/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.00402 W/kg

**Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.199 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0 W/kg

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

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

## #81\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch52

**DUT: 362142**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.56$  S/m;  $\epsilon_r = 37.385$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch52/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 3.41 W/kg

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

Reference Value = 1.395 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.00348 W/kg; SAR(10 g) = 0.000303 W/kg**

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

## #82\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch52

**DUT: 362142**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.56$  S/m;  $\epsilon_r = 37.385$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch52/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0623 W/kg

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

Reference Value = 4.973 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0 W/kg

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

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

### #83\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch52

**DUT: 362142**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.56$  S/m;  $\epsilon_r = 37.385$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch52/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

## #84\_WLAN5GHz\_802.11a\_6Mbps\_Left Tilted\_Ch52

**DUT: 362142**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.56$  S/m;  $\epsilon_r = 37.385$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch52/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.00483 W/kg

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

Reference Value = 3.574 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.497 W/kg

**SAR(1 g) = 0.00332 W/kg; SAR(10 g) = 0.000152 W/kg**

Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.497 W/kg = -3.04 dBW/kg

## #85\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch58

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.216

Medium: HSL\_5G\_130705 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.593$  S/m;  $\epsilon_r = 37.324$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch58/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

## #86\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch100

**DUT: 362142**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.825$  S/m;  $\epsilon_r = 37.092$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch100/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0370 W/kg

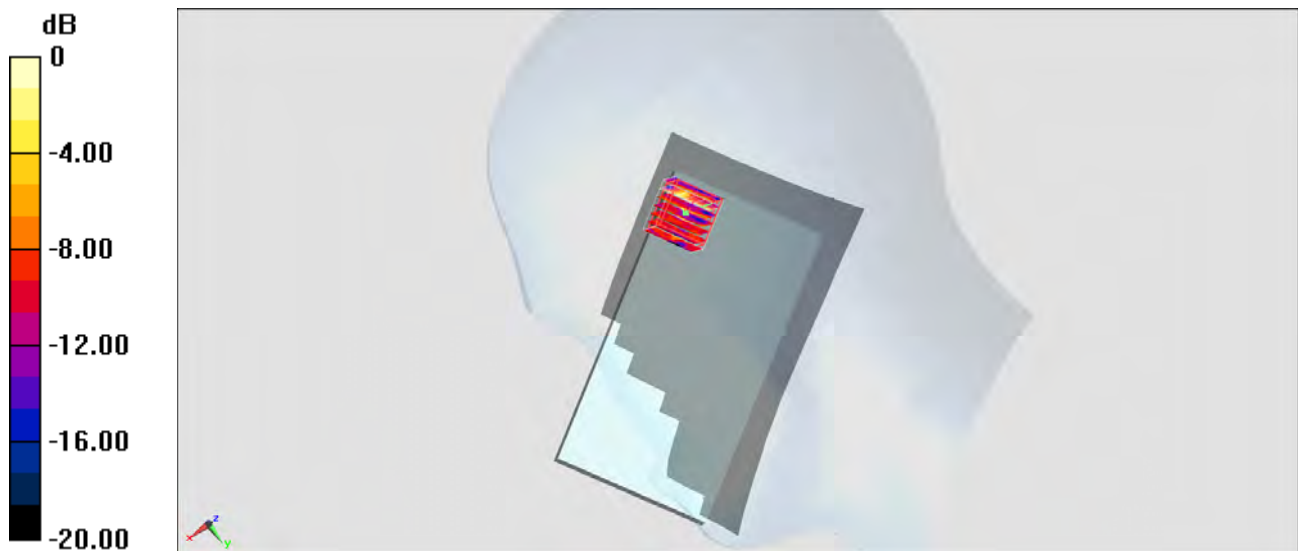
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.179 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00268 W/kg**

Maximum value of SAR (measured) = 0.0479 W/kg



0 dB = 0.0479 W/kg = -13.20 dBW/kg

## #87\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch100

**DUT: 362142**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.825$  S/m;  $\epsilon_r = 37.092$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch100/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0271 W/kg

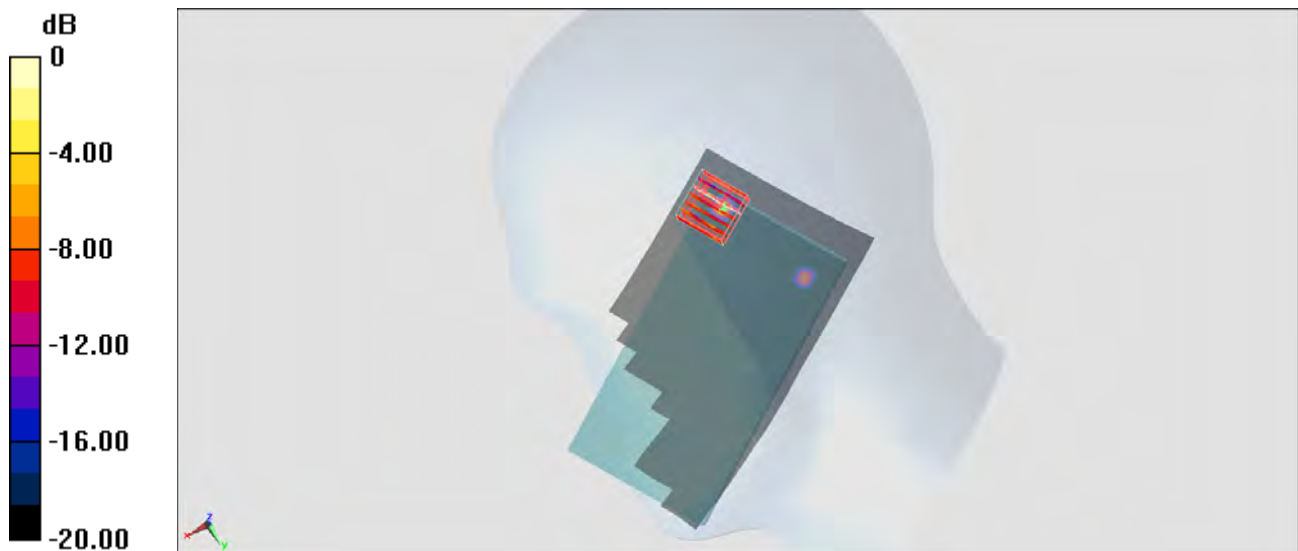
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.223 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00205 W/kg**

Maximum value of SAR (measured) = 0.0445 W/kg



0 dB = 0.0445 W/kg = -13.52 dBW/kg



## #88\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch100

**DUT: 362142**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.825$  S/m;  $\epsilon_r = 37.092$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch100/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.54 W/kg

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

Reference Value = 2.609 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.143 W/kg

**SAR(1 g) = 0.000382 W/kg; SAR(10 g) = 1.39e-005 W/kg**

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

## #89\_WLAN5GHz\_802.11a\_6Mbps\_Left Tilted\_Ch100

**DUT: 362142**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.825$  S/m;  $\epsilon_r = 37.092$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch100/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.329 W/kg

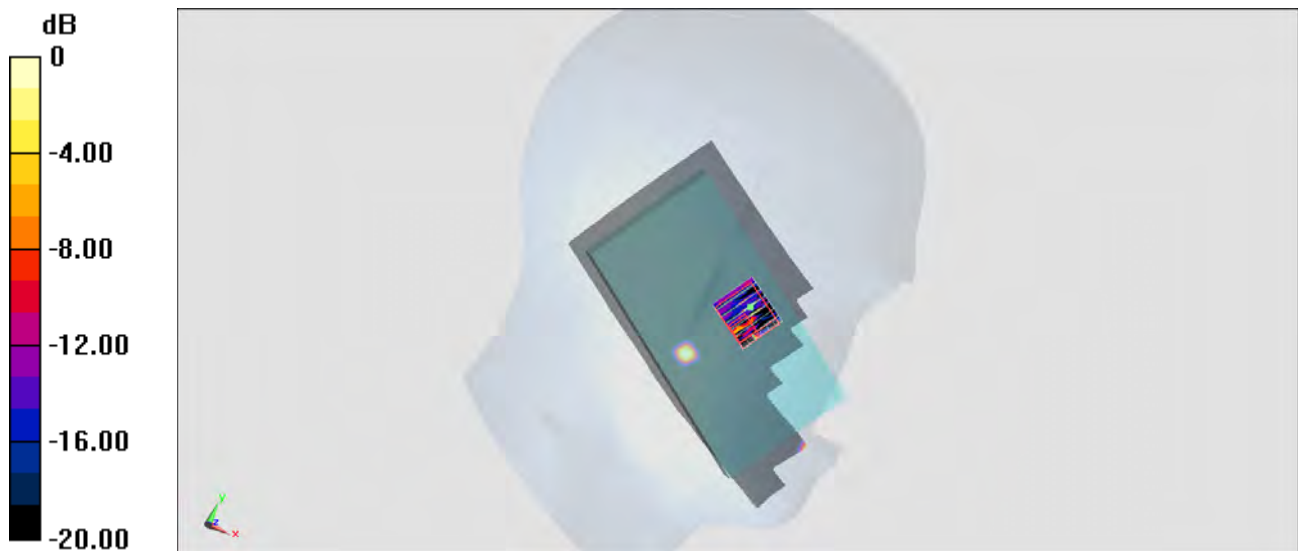
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.000101 W/kg; SAR(10 g) = 1.43e-005 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

## #90\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch106

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.216

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 4.844$  S/m;  $\epsilon_r = 37.085$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch106/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 5.56 W/kg

**Configuration/Ch106/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0 W/kg

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

Maximum value of SAR (measured) = 0.0755 W/kg



0 dB = 0.0755 W/kg = -11.22 dBW/kg

## #91\_WLAN5GHz\_802.11a 6Mbps\_Right Cheek\_Ch149

**DUT: 362142**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used :  $f = 5745$  MHz;  $\sigma = 5.074$  S/m;  $\epsilon_r = 36.792$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch149/Area Scan (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0982 W/kg

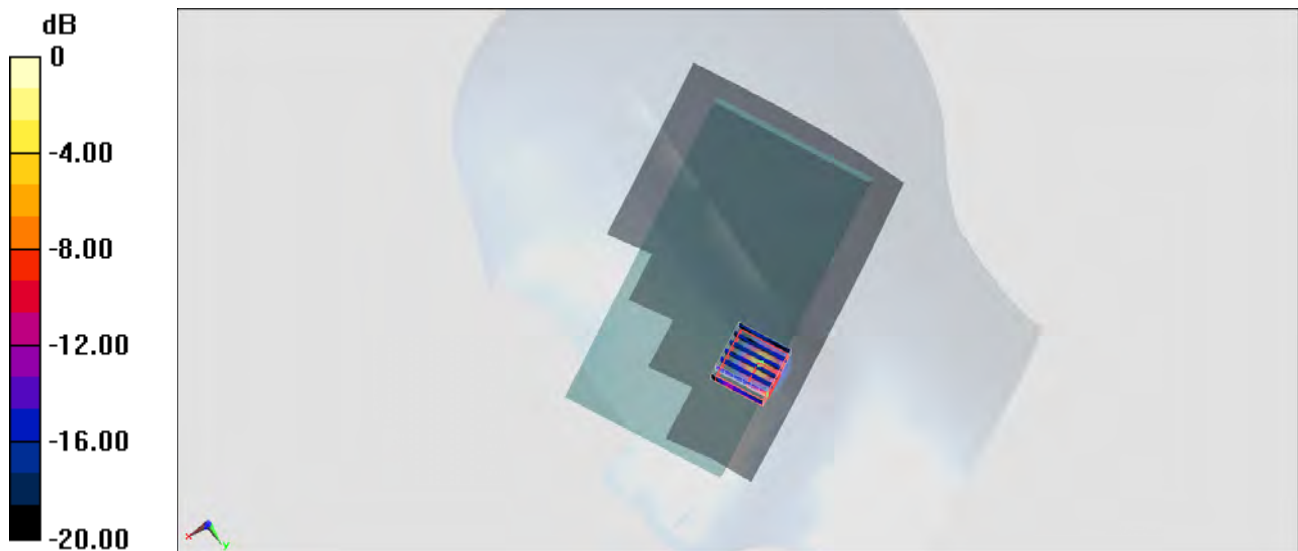
**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.624 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.00102 W/kg; SAR(10 g) = 0.000112 W/kg**

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg

## #92\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch149

**DUT: 362142**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used :  $f = 5745$  MHz;  $\sigma = 5.074$  S/m;  $\epsilon_r = 36.792$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch149/Area Scan (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0793 W/kg

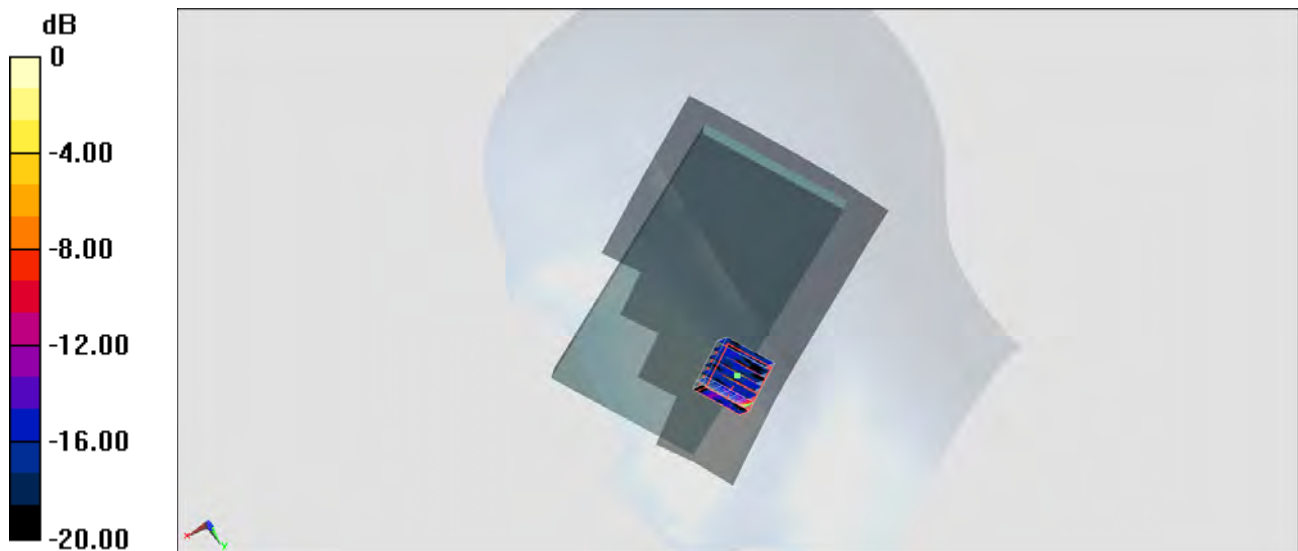
**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.513 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.00263 W/kg; SAR(10 g) = 0.000117 W/kg**

Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg = -6.27 dBW/kg

## #93\_WLAN5GHz\_802.11a\_6Mbps\_Left Cheek\_Ch149

**DUT: 362142**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.074$  S/m;  $\epsilon_r = 36.792$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch149/Area Scan (61x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.502 W/kg

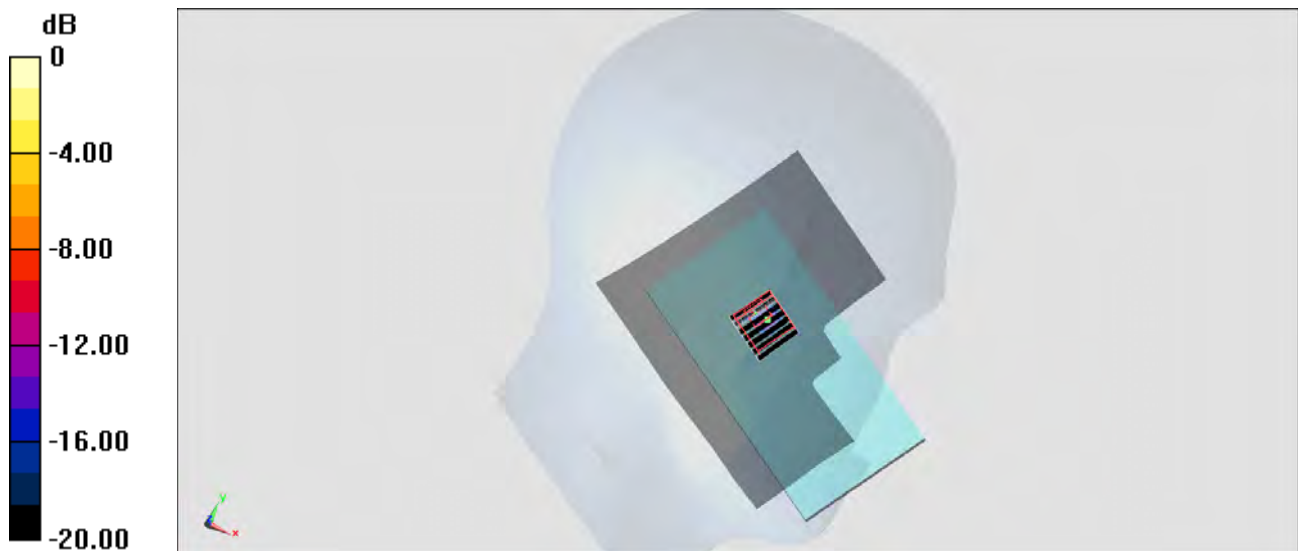
**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.606 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.36 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 5.36 W/kg



0 dB = 5.36 W/kg = 7.29 dBW/kg

## #94\_WLAN5GHz\_802.11a\_6Mbps\_Left Tilted\_Ch149

**DUT: 362142**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.048

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.074 \text{ S/m}$ ;  $\epsilon_r = 36.792$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch149/Area Scan (91x161x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.541 \text{ W/kg}$

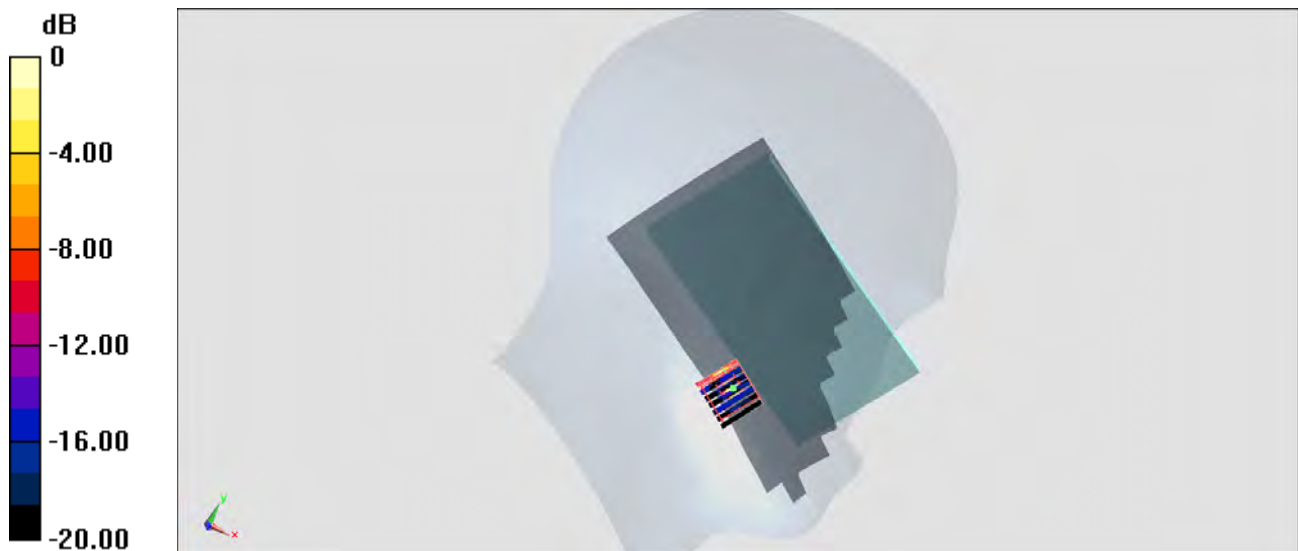
**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$

Reference Value =  $0 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $0.274 \text{ W/kg}$

**SAR(1 g) =  $0.0044 \text{ W/kg}$ ; SAR(10 g) =  $0.00064 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.274 \text{ W/kg}$



$0 \text{ dB} = 0.274 \text{ W/kg} = -5.62 \text{ dBW/kg}$

**#95\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Left Cheek\_Ch155**

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.216

Medium: HSL\_5G\_130705 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.098$  S/m;  $\epsilon_r = 36.744$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch155/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.638 W/kg

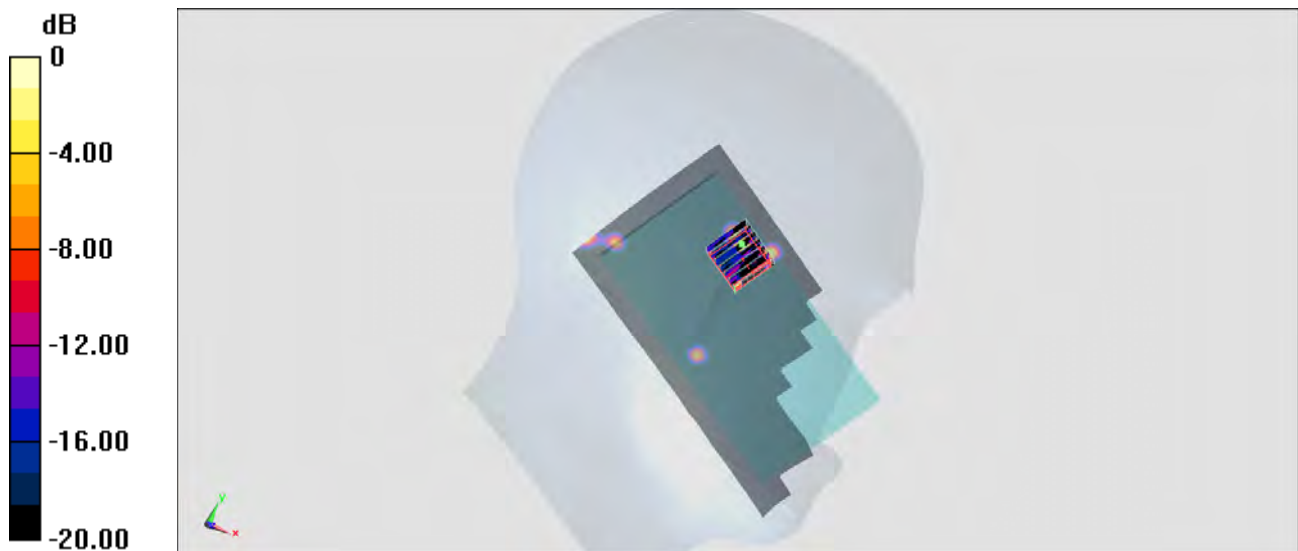
**Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.314 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.00688 W/kg; SAR(10 g) = 0.00128 W/kg**

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg



## #15\_GSM850\_GPRS (2 Tx slots)\_Front\_1cm\_Ch251

**DUT: 362142**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130701 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.397$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.405 mW/g

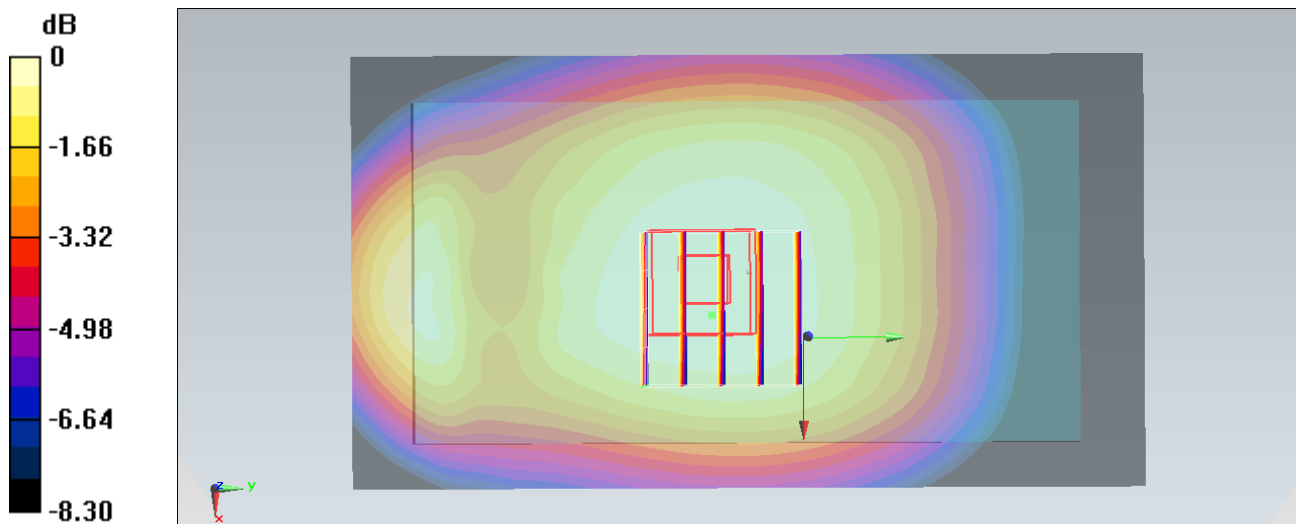
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 20.735 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.443 mW/g

**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405 mW/g = -7.85 dB mW/g

### #17\_GSM850\_GPRS (2 Tx slots)\_Back\_1cm\_Ch251

**DUT: 362142**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130701 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.397$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.679 mW/g

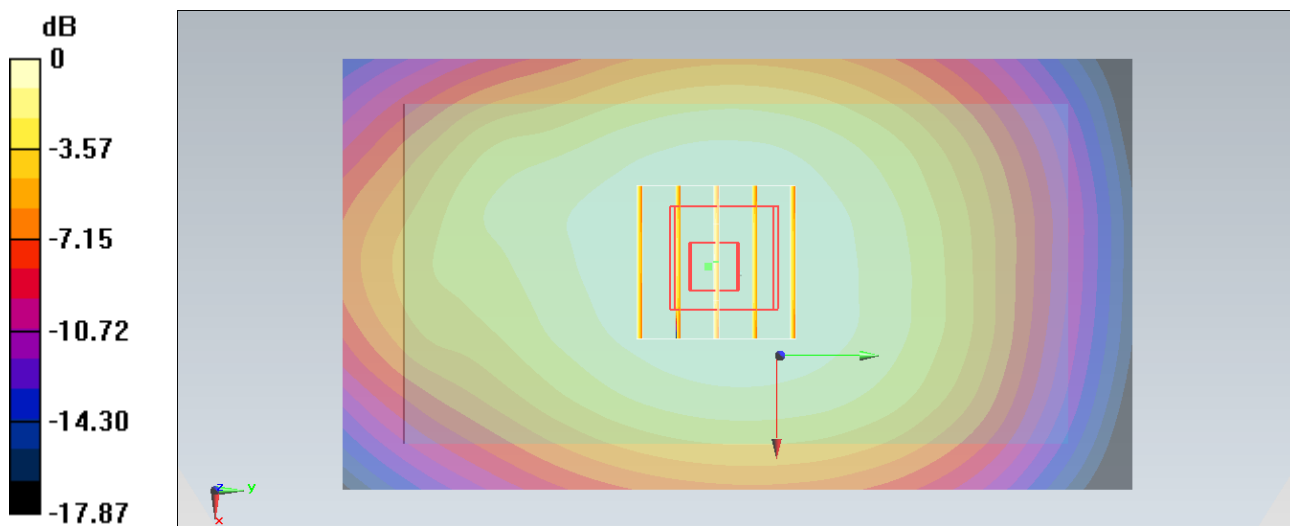
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.864 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.008 mW/g

**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.457 mW/g**

Maximum value of SAR (measured) = 0.681 mW/g



0 dB = 0.681 mW/g = -3.34 dB mW/g

## #20\_GSM850\_GPRS (2 Tx slots)\_Right Side\_1cm\_Ch251

**DUT: 362142**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130701 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.397$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (41x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.493 mW/g

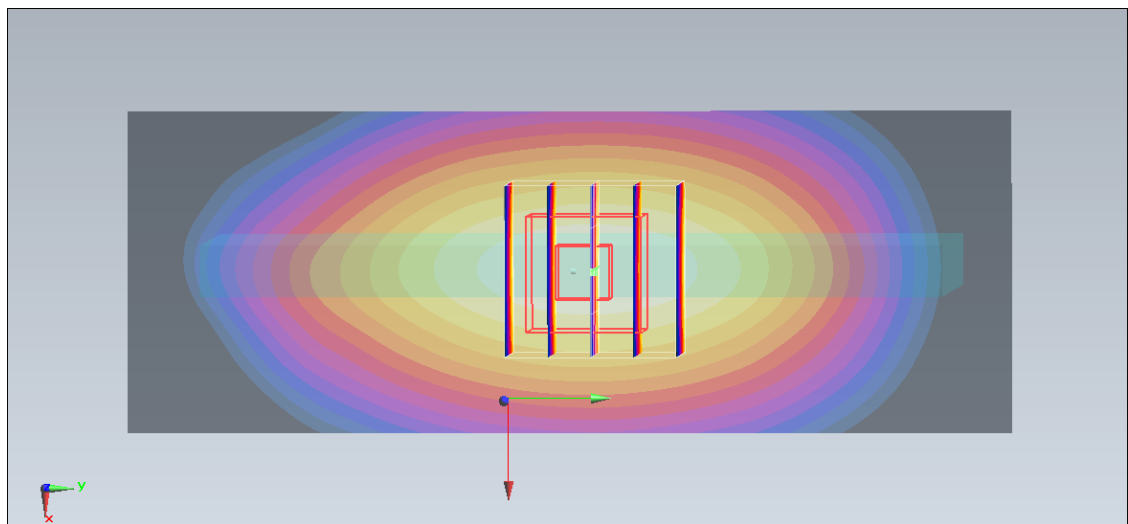
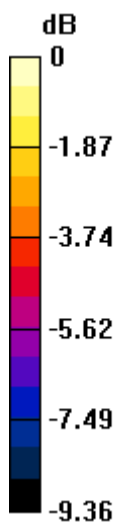
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 22.841 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.565 mW/g

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.277 mW/g**

Maximum value of SAR (measured) = 0.488 mW/g



0 dB = 0.488 mW/g = -6.23 dB mW/g

## #21\_GSM850\_GPRS (2 Tx slots)\_Bottom Side\_1cm\_Ch251

**DUT: 362142**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130701 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.397$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.297 mW/g

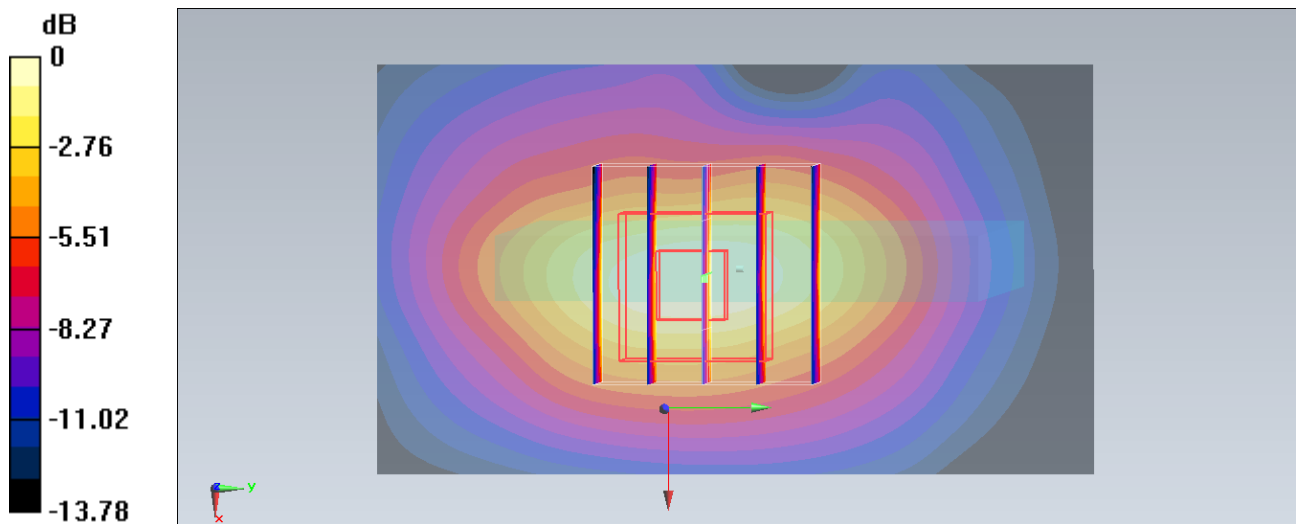
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 17.798 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.379 mW/g

**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.296 mW/g = -10.57 dB mW/g

## #16\_GSM850\_DTM Multi-slot class 5\_Front\_1cm\_Ch251

**DUT: 362142**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130701 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.397$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.410 mW/g

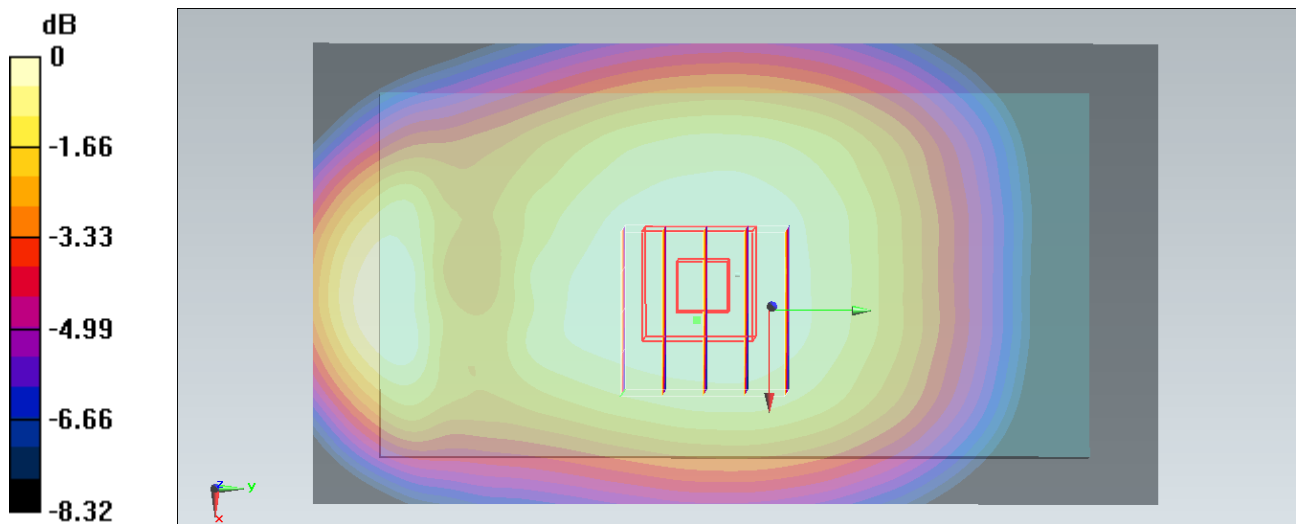
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 20.755 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.452 mW/g

**SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.280 mW/g**

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



0 dB = 0.409 mW/g = -7.77 dB mW/g

## #18\_GSM850\_DTM Multi-slot class 5\_Back\_1cm\_Ch251

**DUT: 362142**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130701 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.397$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.671 mW/g

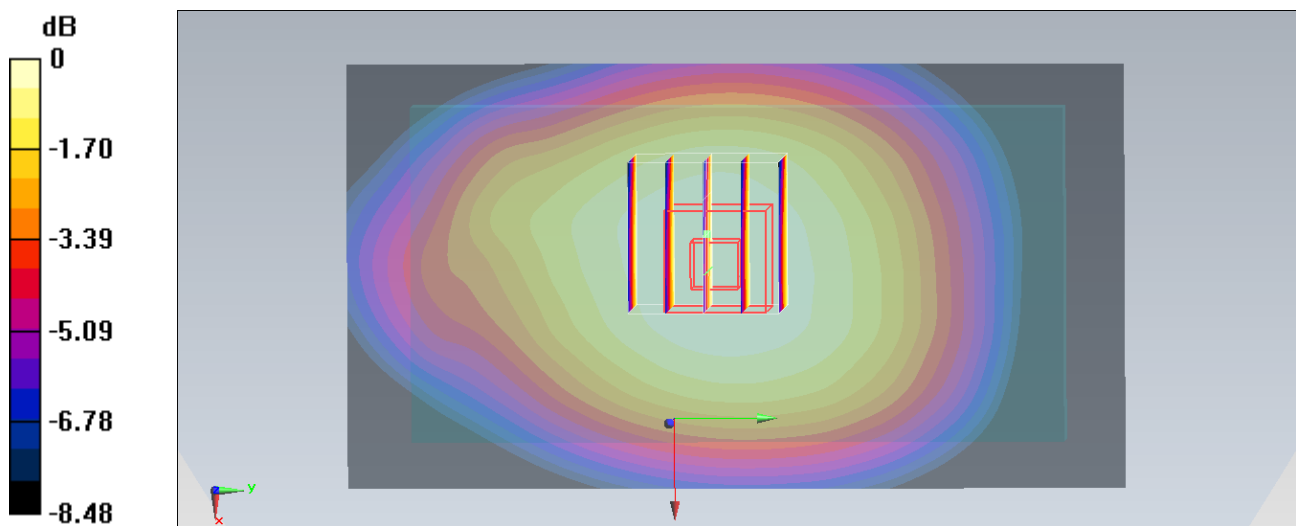
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 26.629 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.739 mW/g

**SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.672 mW/g



0 dB = 0.672 mW/g = -3.45 dB mW/g

## #01\_GSM1900\_GPRS (2 Tx slots)\_Front\_1cm\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 52.362$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch512/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.335 mW/g

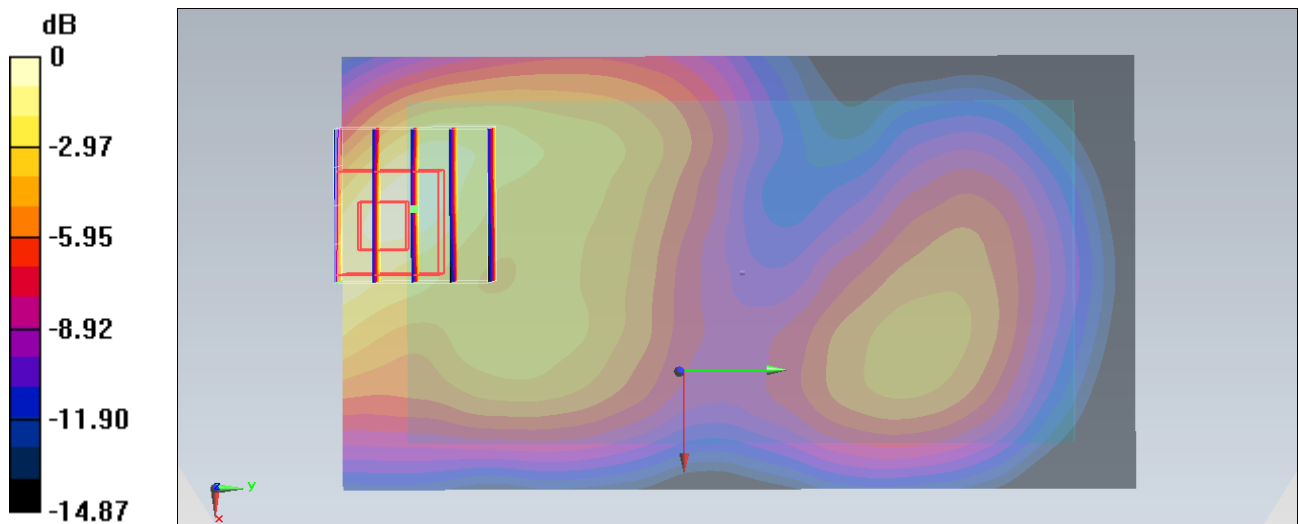
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.191 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.430 mW/g

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.341 mW/g



0 dB = 0.341 mW/g = -9.34 dB mW/g

## #02\_GSM1900\_GPRS (2 Tx slots)\_Back\_1cm\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 52.362$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch512/Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.611 mW/g

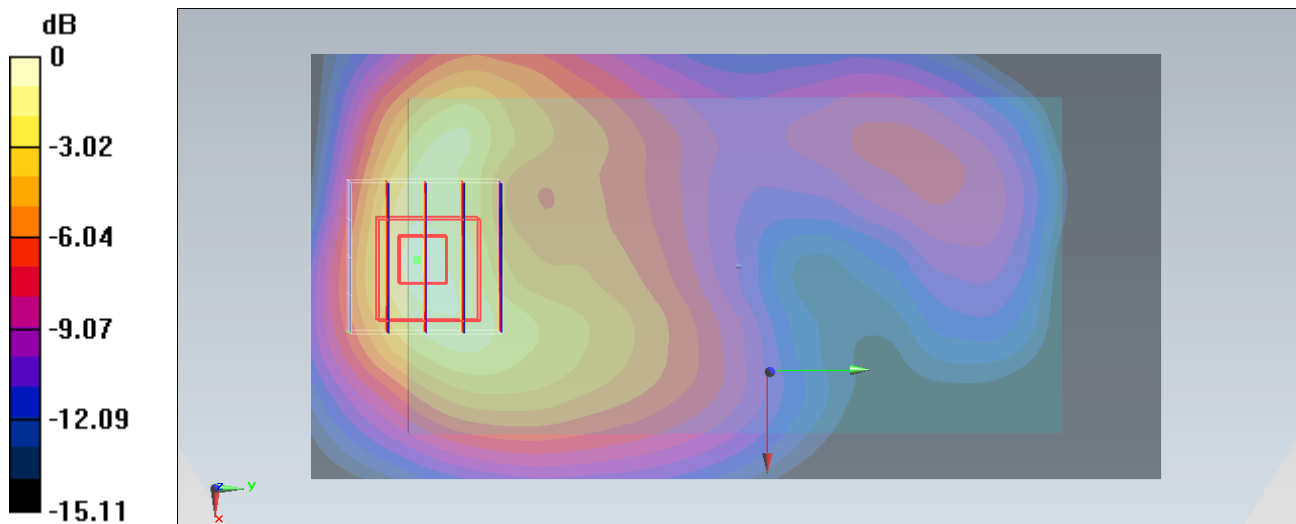
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.205 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.854 mW/g

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.294 mW/g**

Maximum value of SAR (measured) = 0.714 mW/g



0 dB = 0.714 mW/g = -2.93 dB mW/g



## #04\_GSM1900\_GPRS (2 Tx slots)\_Right Side\_1cm\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 52.362$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch512/Area Scan (41x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.153 mW/g

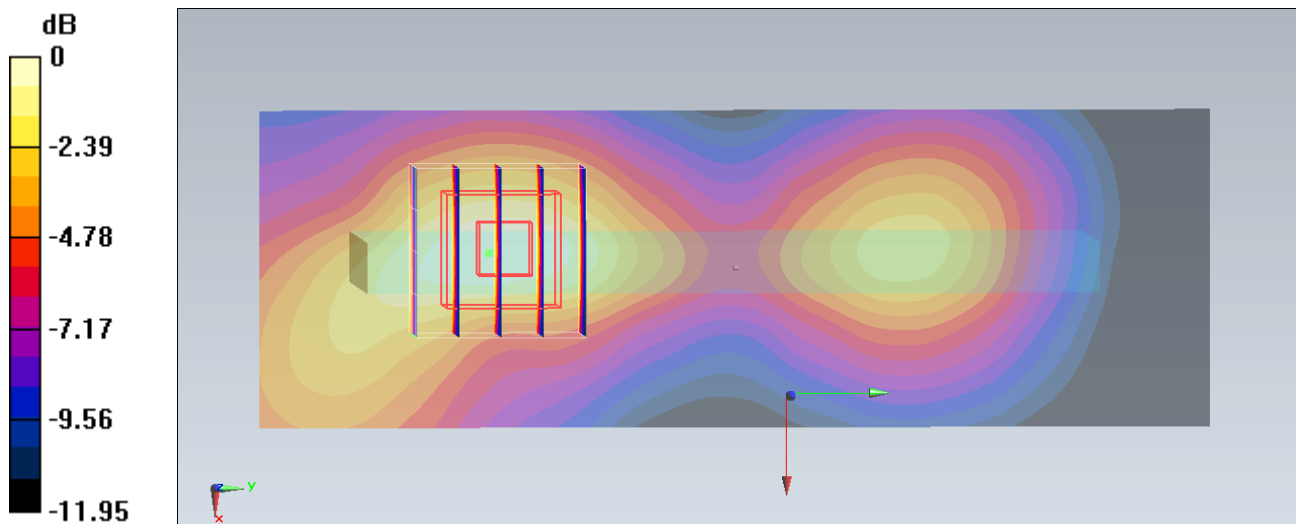
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.393 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.186 mW/g

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.155 mW/g = -16.19 dB mW/g

## #05\_GSM1900\_GPRS (2 Tx slots)\_Bottom Side\_1cm\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 52.362$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch512/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.754 mW/g

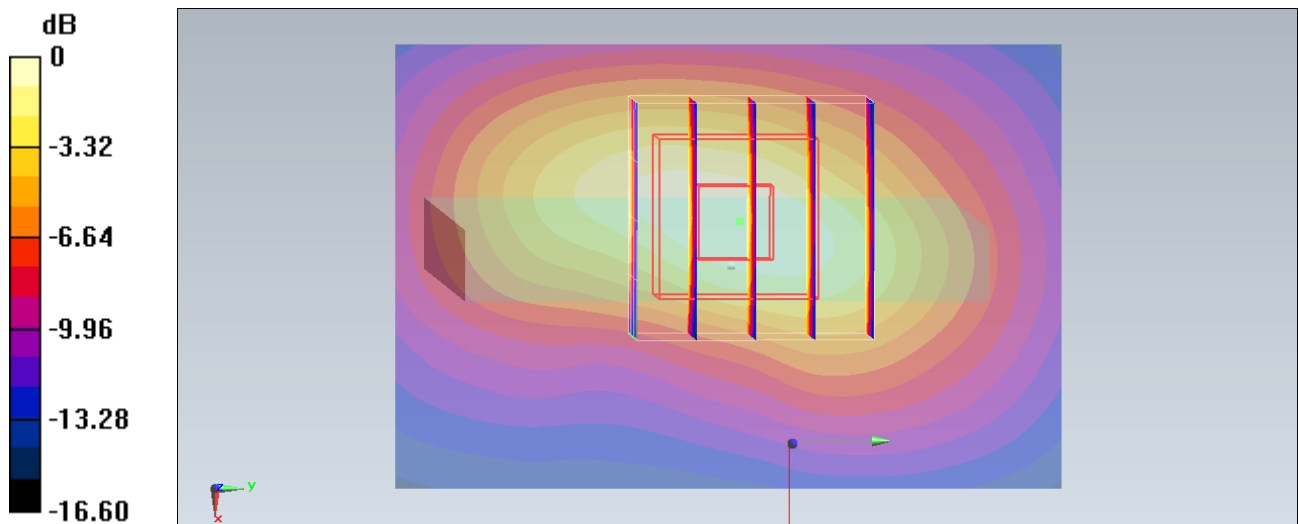
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.079 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.919 mW/g

**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 0.752 mW/g



0 dB = 0.752 mW/g = -2.48 dB mW/g

## #06\_GSM1900\_DTM Multi-slot class 5\_Front\_1cm\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 52.362$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch512/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.326 mW/g

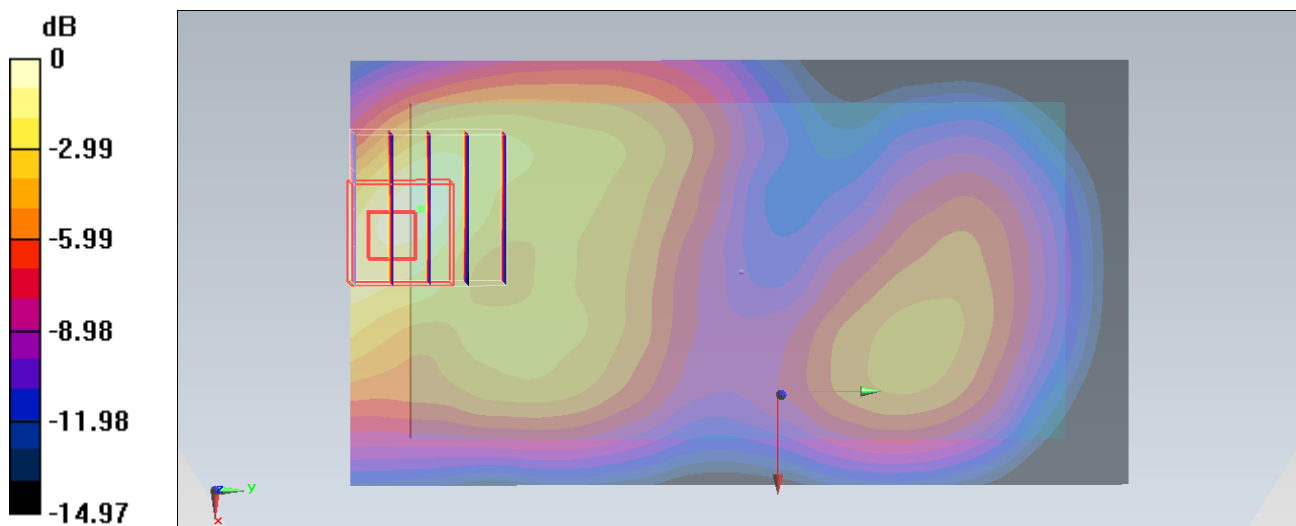
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.983 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.426 mW/g

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.340 mW/g



0 dB = 0.340 mW/g = -9.37 dB mW/g

## #07\_GSM1900\_DTM Multi-slot class 5\_Back\_1cm\_Ch512

**DUT: 362142**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 52.362$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch512/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.713 mW/g

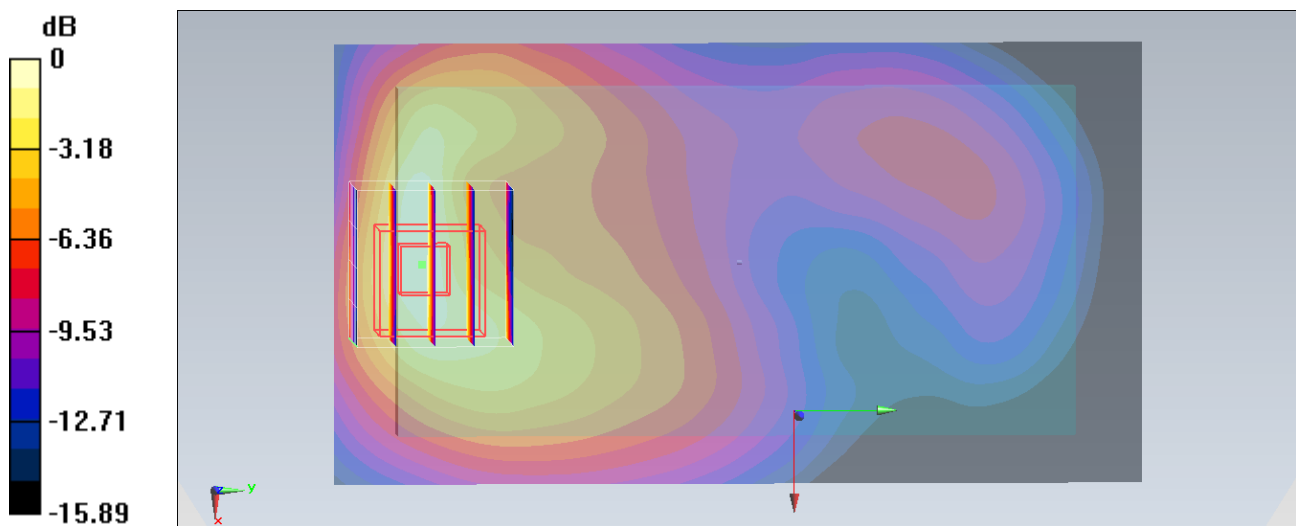
**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.214 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.847 mW/g

**SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.705 mW/g



0 dB = 0.705 mW/g = -3.04 dB mW/g

## #24\_WCDMA V\_RMC 12.2Kbps\_Front\_1cm\_Ch4132

**DUT: 362142**

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

Medium: MSL\_850\_130701 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 54.616$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.239 mW/g

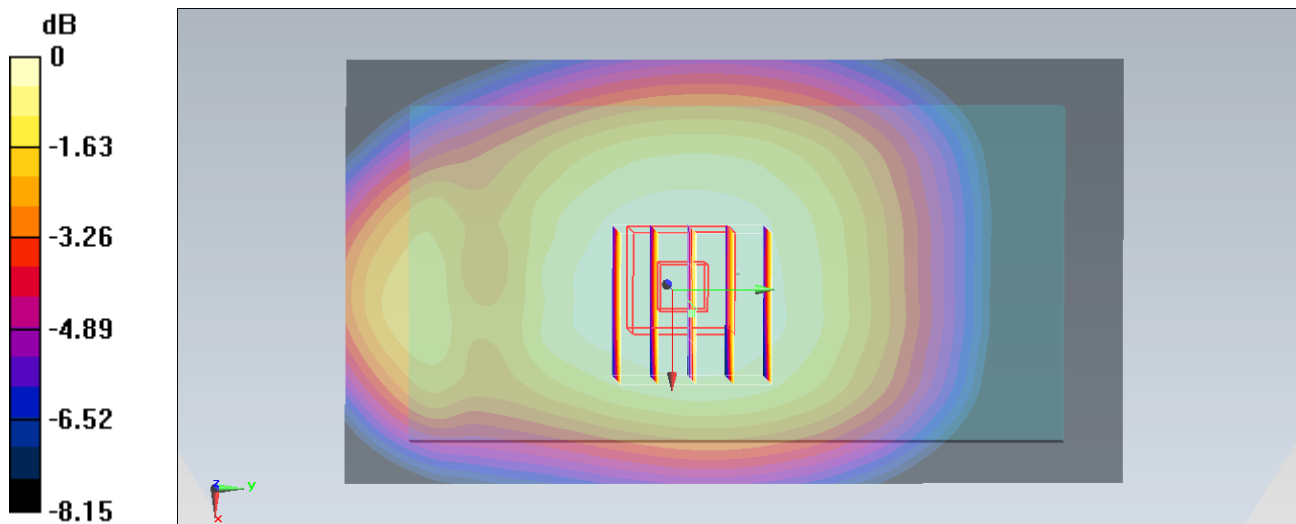
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.063 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.261 mW/g

**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.163 mW/g**

Maximum value of SAR (measured) = 0.237 mW/g



0 dB = 0.237 mW/g = -12.51 dB mW/g

## #23\_WCDMA V\_RMC 12.2Kbps\_Back\_1cm\_Ch4132

**DUT: 362142**

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

Medium: MSL\_850\_130701 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 54.616$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.411 mW/g

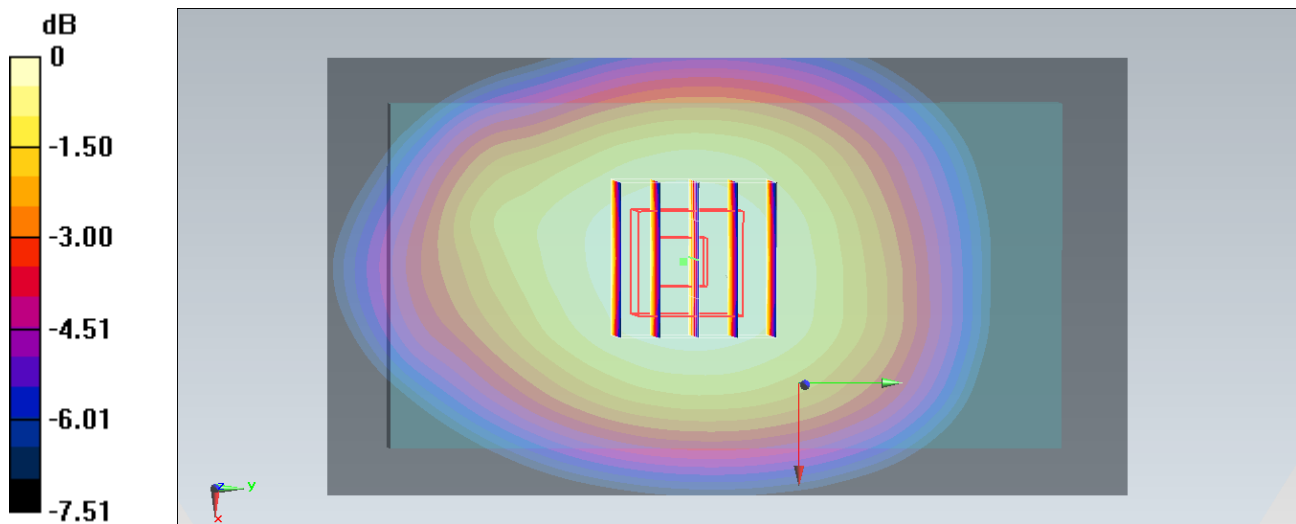
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.210 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.455 mW/g

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414 mW/g = -7.66 dB mW/g

## #26\_WCDMA V\_RMC 12.2Kbps\_Right Side\_1cm\_Ch4132

**DUT: 362142**

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

Medium: MSL\_850\_130701 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 54.616$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (41x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.309 mW/g

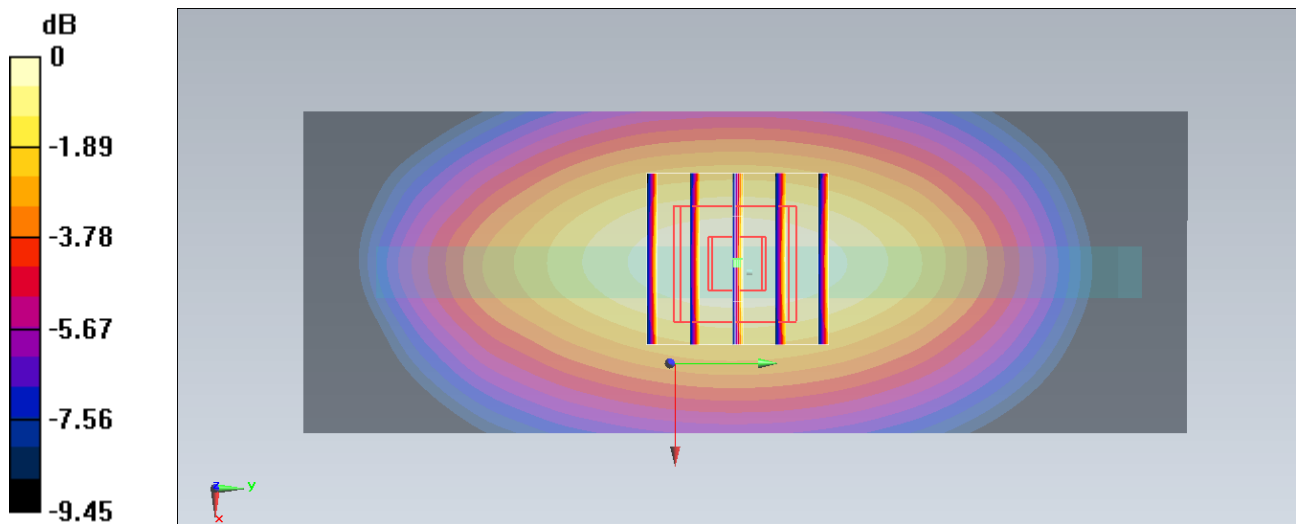
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.431 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.358 mW/g

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.175 mW/g**

Maximum value of SAR (measured) = 0.310 mW/g



0 dB = 0.310 mW/g = -10.17 dB mW/g

## #27\_WCDMA V\_RMC 12.2Kbps\_Bottom Side\_1cm\_Ch4132

**DUT: 362142**

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

Medium: MSL\_850\_130701 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.955$  mho/m;  $\epsilon_r = 54.616$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (41x71x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.135 mW/g

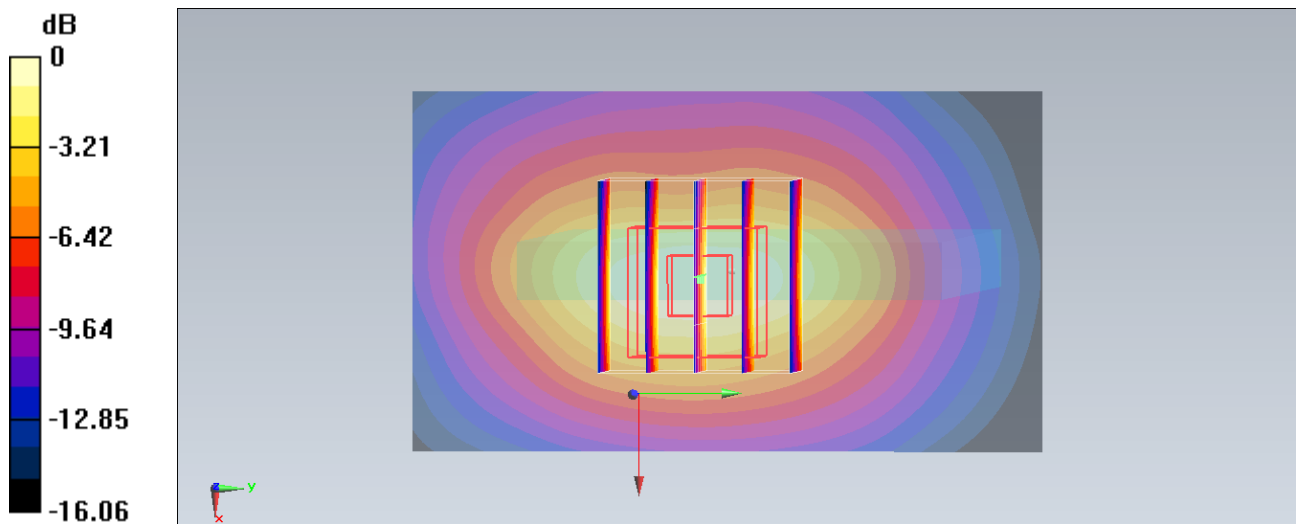
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.195 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.174 mW/g

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.055 mW/g**

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



0 dB = 0.135 mW/g = -17.39 dB mW/g



## #09\_WCDMA II\_RMC 12.2Kbps\_Front\_1cm\_Ch9262

**DUT: 362142**

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

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.353$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.313 mW/g

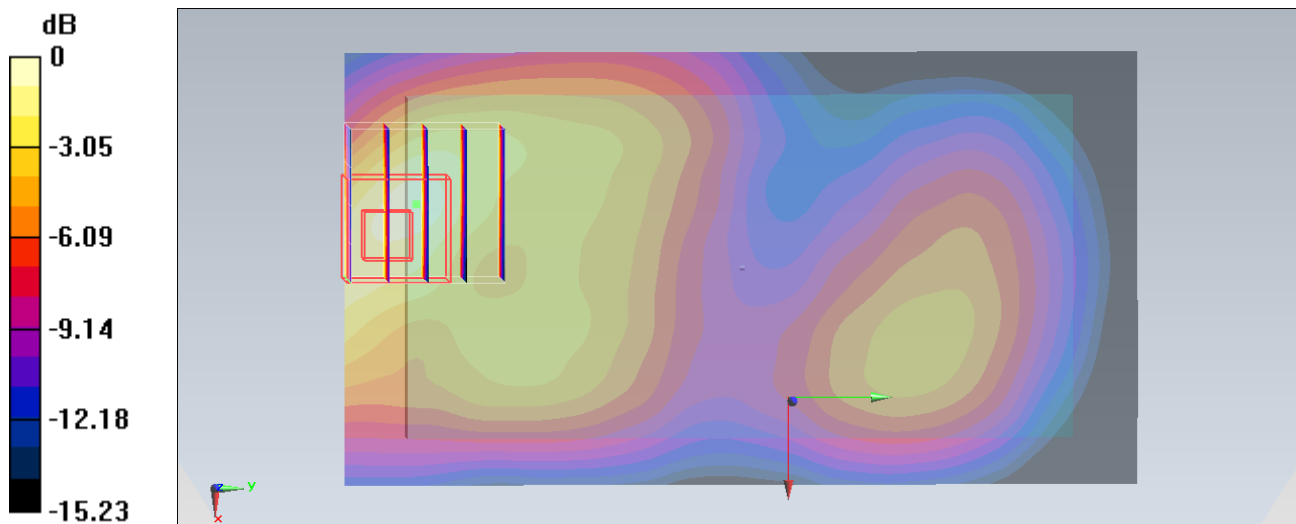
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.658 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.413 mW/g

**SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332 mW/g = -9.58 dB mW/g

## #10\_WCDMA II\_RMC 12.2Kbps\_Back\_1cm\_Ch9262

**DUT: 362142**

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

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.353$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (61x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.692 mW/g

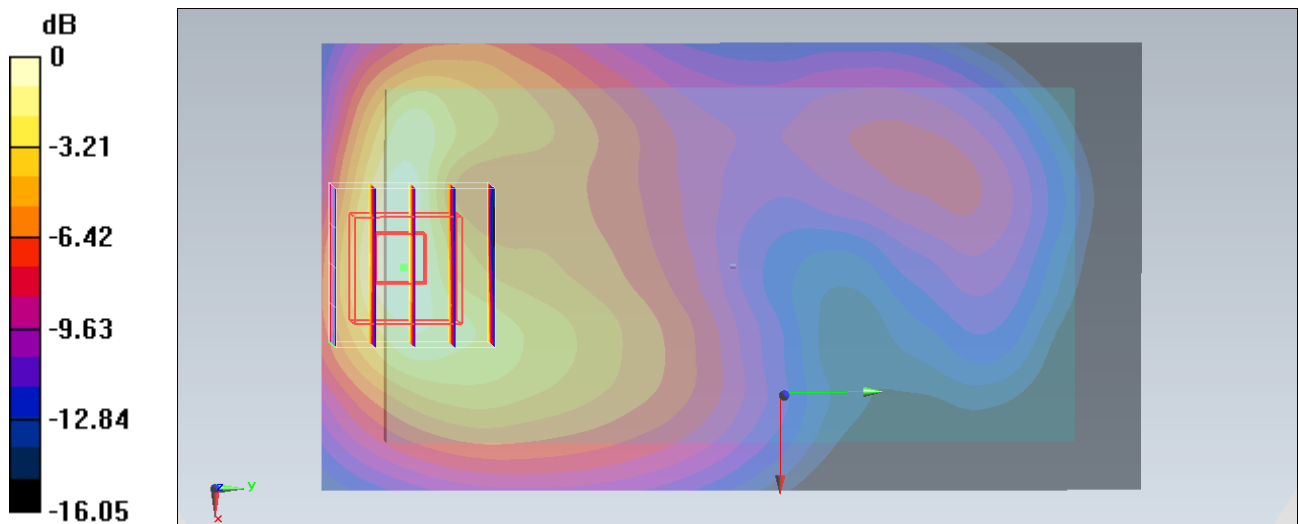
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.637 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.815 mW/g

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.666 mW/g = -3.53 dB mW/g

## #12\_WCDMA II\_RMC 12.2Kbps\_Right Side\_1cm\_Ch9262

**DUT: 362142**

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

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.353$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (41x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.145 mW/g

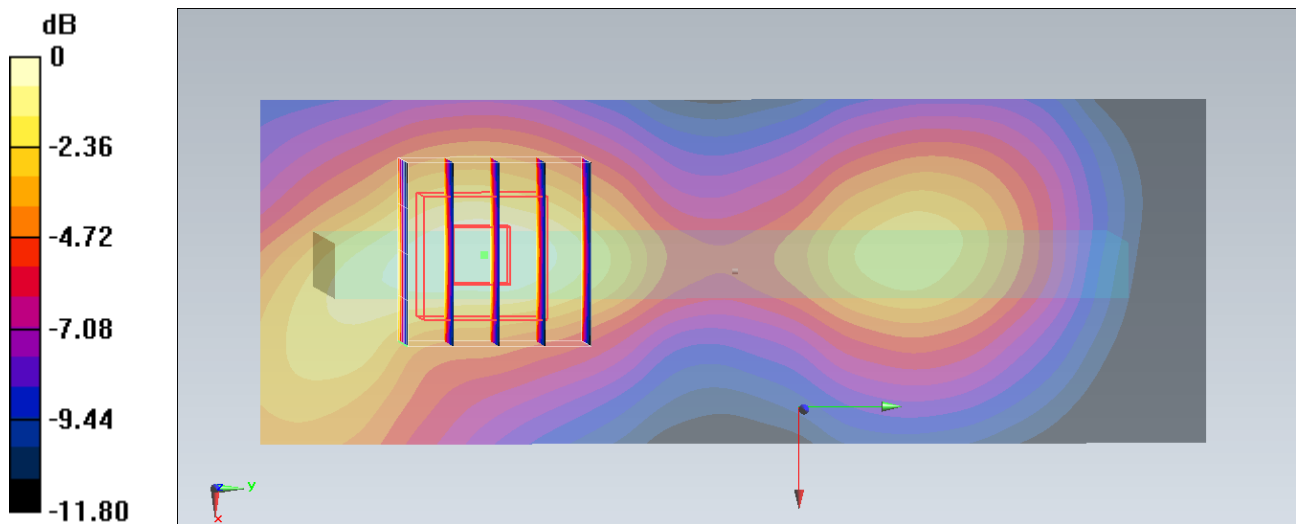
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.975 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.173 mW/g

**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.142 mW/g = -16.95 dB mW/g

## #14\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_1cm\_Ch9262

**DUT: 362142**

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

Medium: MSL\_1900\_130630 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.496$  mho/m;  $\epsilon_r = 52.353$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9262/Area Scan (41x61x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.685 mW/g

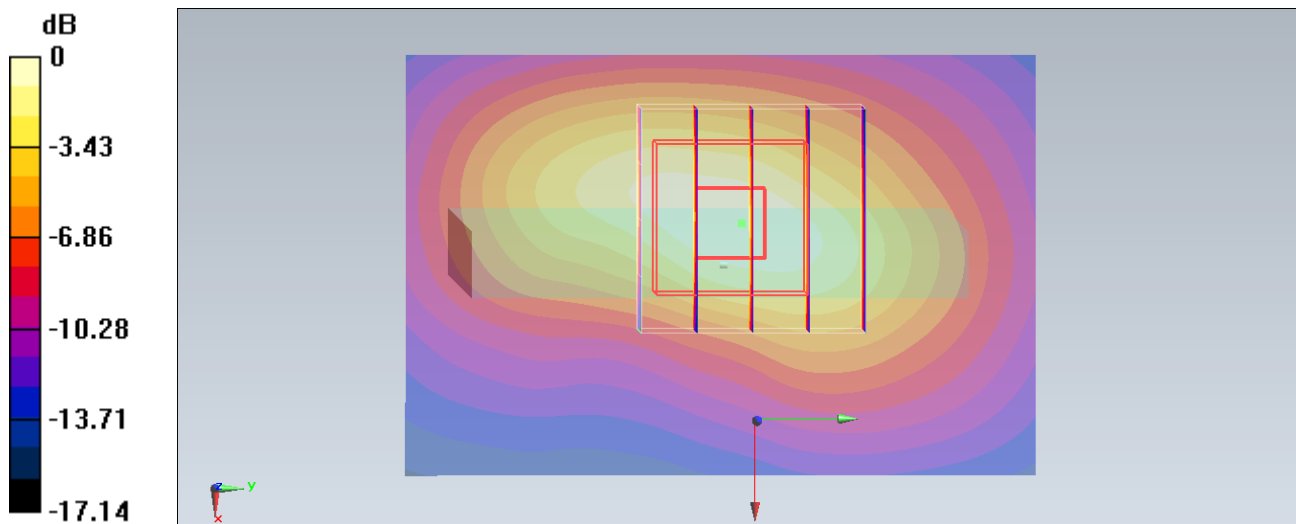
**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.170 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.870 mW/g

**SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.290 mW/g**

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



0 dB = 0.703 mW/g = -3.06 dB mW/g

## #49\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_1cm\_Ch11

**DUT: 362142**

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

Medium: MSL\_2450\_130704 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.107 mW/g

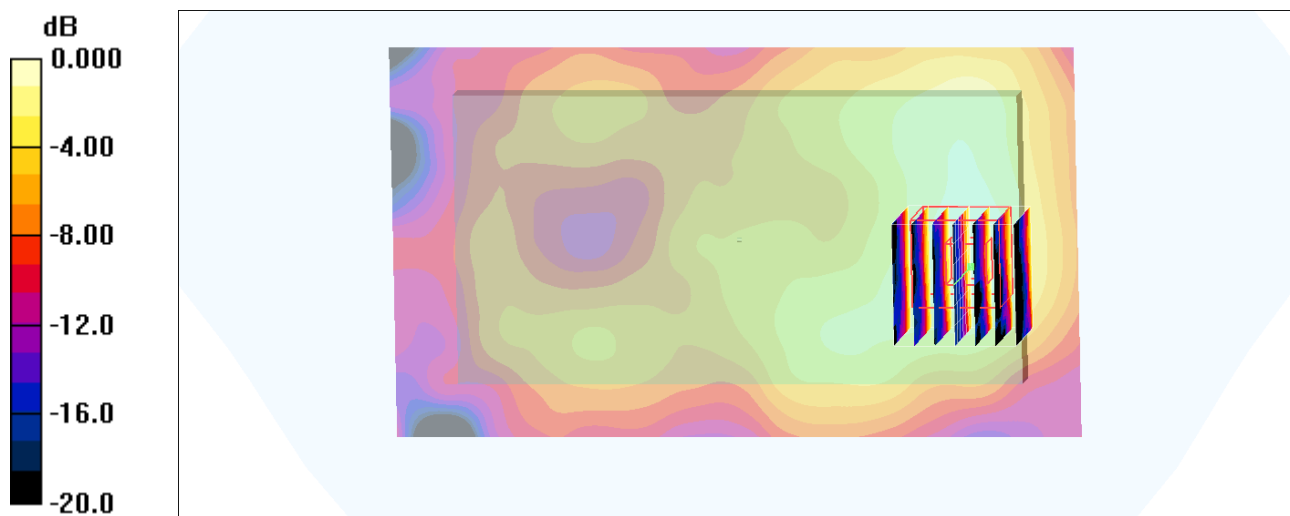
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.20 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

## #50\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_1cm\_Ch11

**DUT: 362142**

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

Medium: MSL\_2450\_130704 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

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

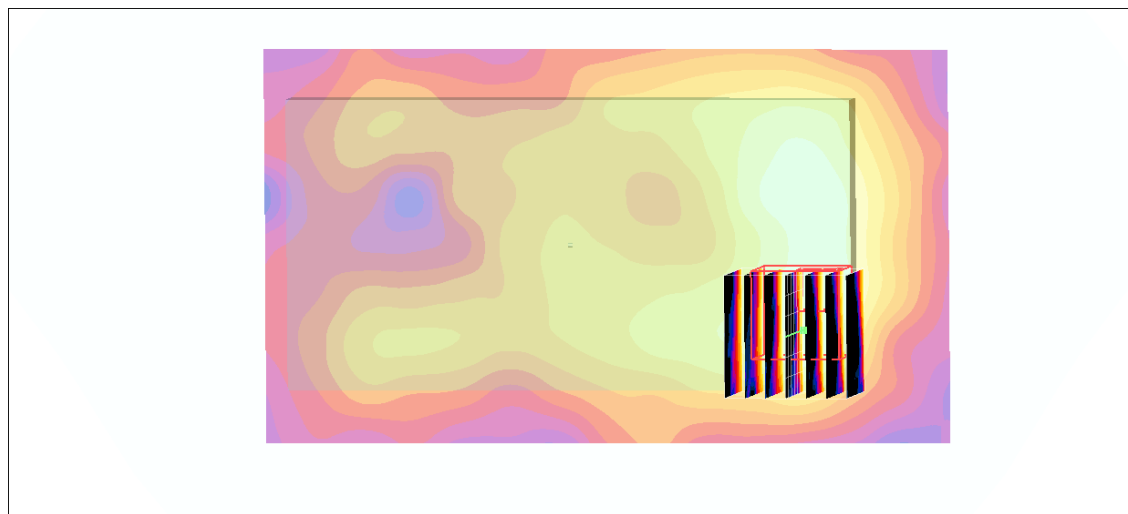
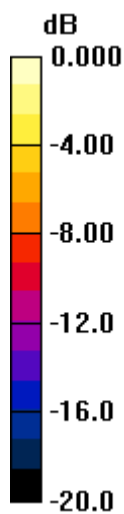
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.50 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.115 mW/g



0 dB = 0.115mW/g

## #51\_WLAN2.4GHz\_802.11b 1Mbps\_Left Side\_1cm\_Ch11

**DUT: 362142**

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

Medium: MSL\_2450\_130704 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (51x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.113 mW/g

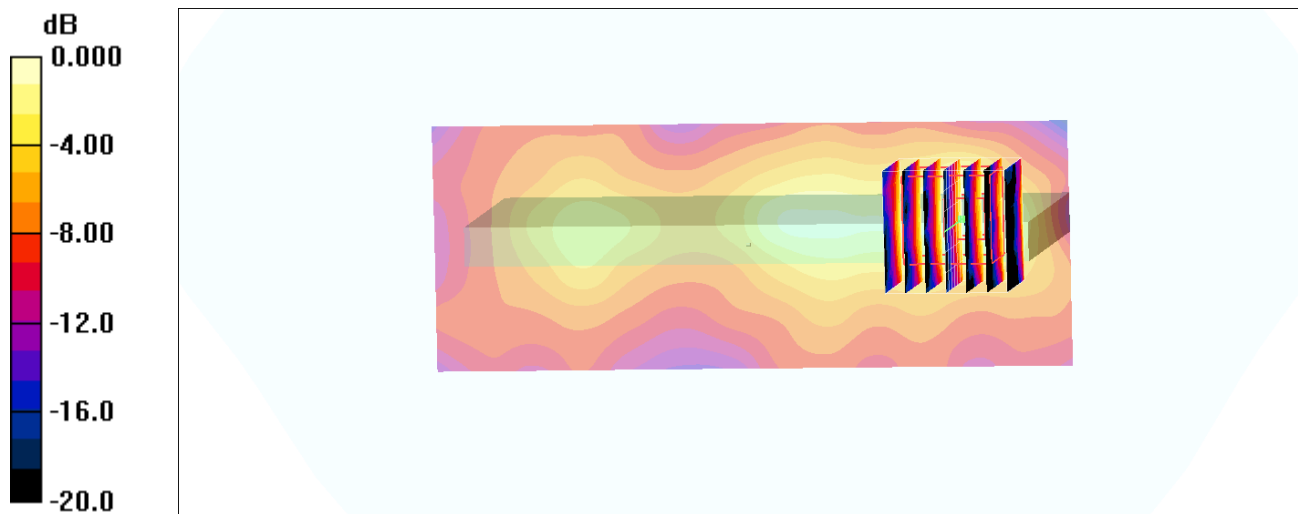
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.152 W/kg

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

## #53\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_1cm\_Ch11

**DUT: 362142**

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

Medium: MSL\_2450\_130704 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.04$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch11/Area Scan (31x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.091 mW/g

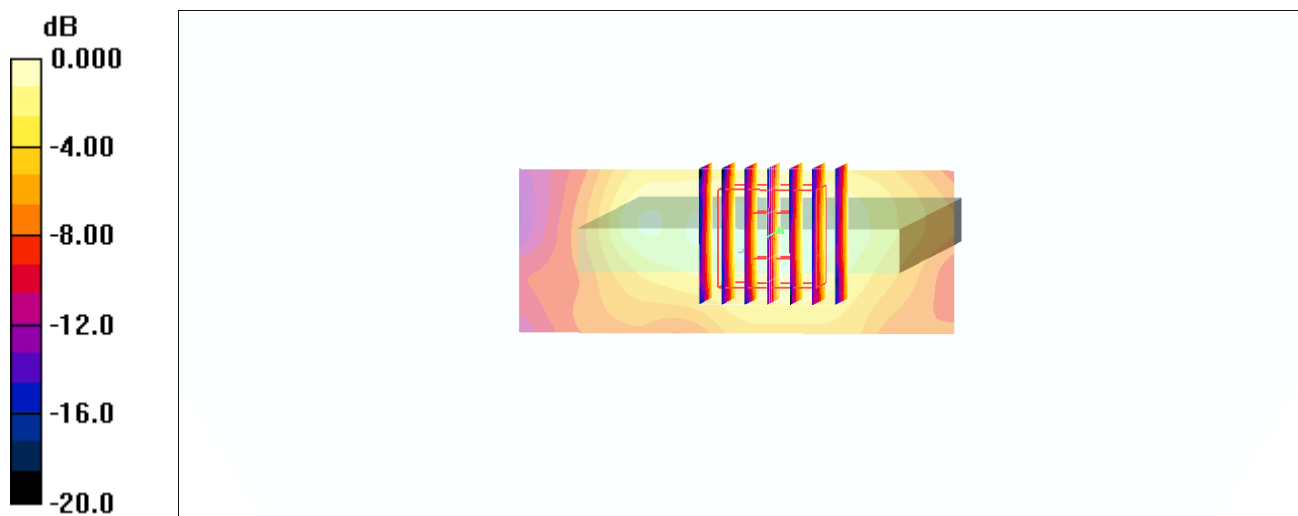
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.48 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.125 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.093 mW/g



0 dB = 0.093mW/g



## #55\_WLAN5GHz\_802.11a\_6Mbps\_Front\_1cm\_Ch36

**DUT: 362142**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 47.539$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.0286 W/kg

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

Reference Value = 1.863 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.0069 W/kg; SAR(10 g) = 0.00162 W/kg**

Maximum value of SAR (measured) = 0.0181 W/kg



0 dB = 0.0181 W/kg = -17.42 dBW/kg

## #56\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch36

**DUT: 362142**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 47.539$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch36/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0987 W/kg

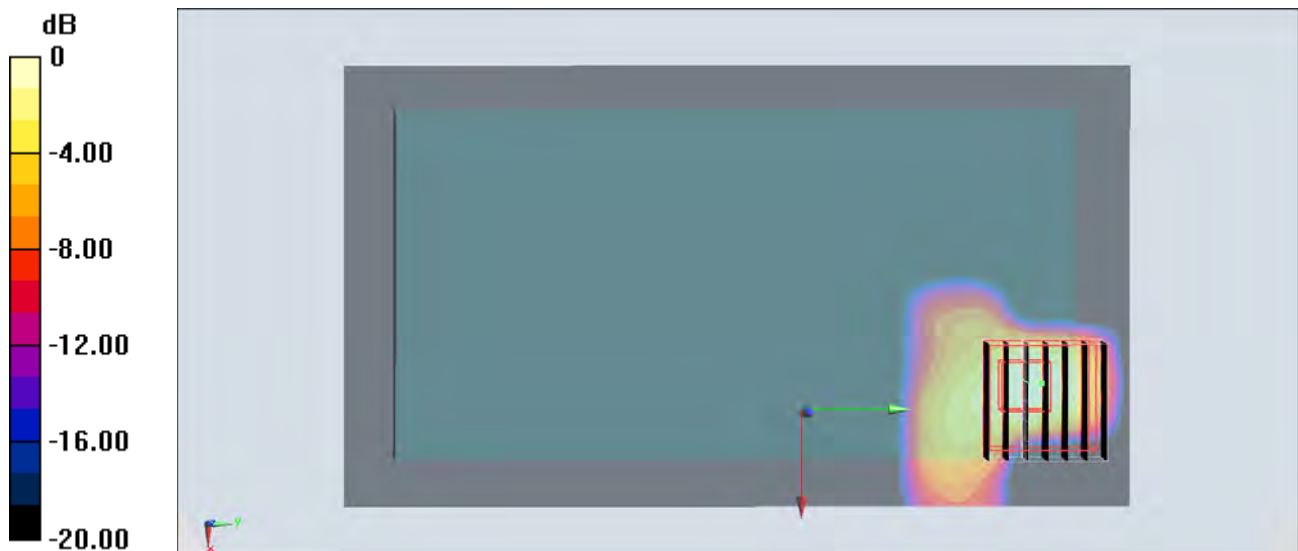
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.445 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.236 W/kg

**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

## #61\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_1cm\_Ch42

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.216

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5210$  MHz;  $\sigma = 5.264$  S/m;  $\epsilon_r = 47.505$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch42/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.0617 W/kg

**Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.767 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00282 W/kg**

Maximum value of SAR (measured) = 0.0441 W/kg



0 dB = 0.0441 W/kg = -13.56 dBW/kg

## #62\_WLAN5GHz\_802.11a\_6Mbps\_Front\_1cm\_Ch52

**DUT: 362142**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.359$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch52/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0128 W/kg

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

Reference Value = 1.731 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.00491 W/kg; SAR(10 g) = 0.000764 W/kg**

Maximum value of SAR (measured) = 0.0165 W/kg



0 dB = 0.0165 W/kg = -17.83 dBW/kg

## #63\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch52

**DUT: 362142**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.359$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch52/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.181 W/kg

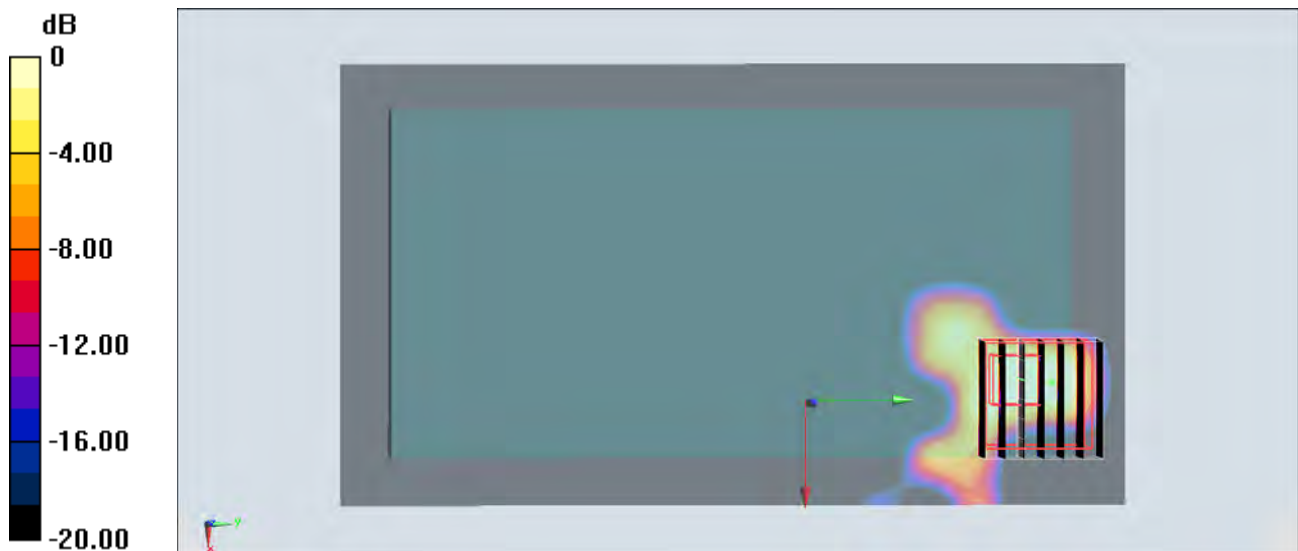
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.649 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00639 W/kg**

Maximum value of SAR (measured) = 0.0741 W/kg



0 dB = 0.0741 W/kg = -11.30 dBW/kg

### #64\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_1cm\_Ch58

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.216

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.372$  S/m;  $\epsilon_r = 47.296$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch58/Area Scan (91x161x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) =  $0.0241$  W/kg

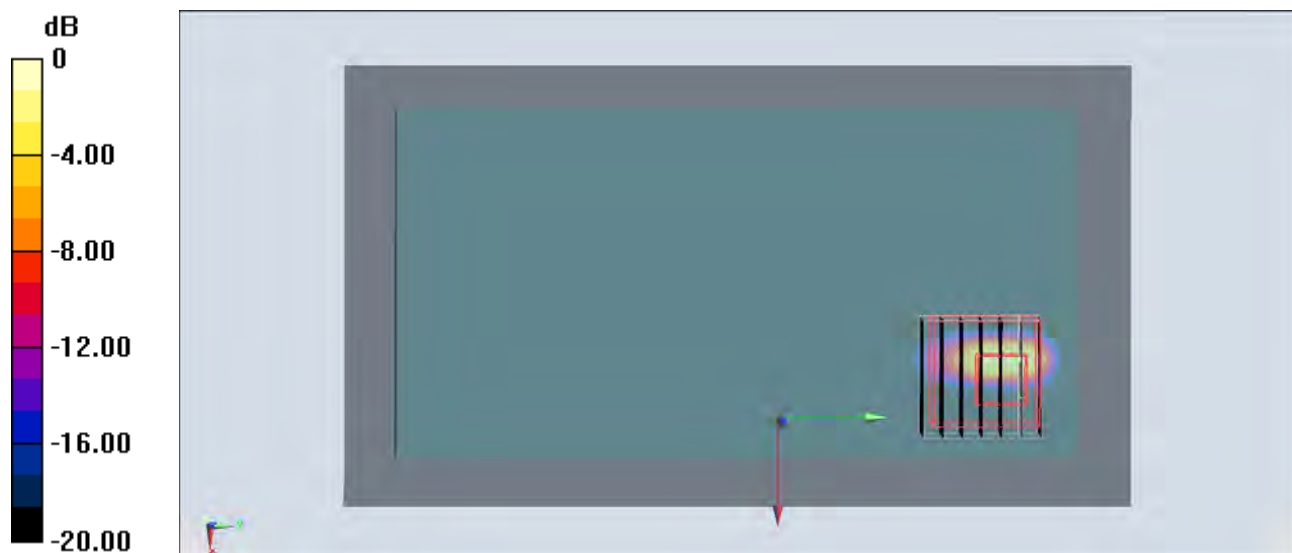
**Configuration/Ch58/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $1.956$  V/m; Power Drift =  $-0.02$  dB

Peak SAR (extrapolated) =  $0.208$  W/kg

**SAR(1 g) =  $0.00874$  W/kg; SAR(10 g) =  $0.00115$  W/kg**

Maximum value of SAR (measured) =  $0.0341$  W/kg



0 dB =  $0.0341$  W/kg =  $-14.67$  dBW/kg

## #65\_WLAN5GHz\_802.11a\_6Mbps\_Front\_1cm\_Ch100

### DUT: 362142

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.645$  S/m;  $\epsilon_r = 47.008$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch100/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0147 W/kg

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

Reference Value = 1.065 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0520 W/kg

**SAR(1 g) = 0.000731 W/kg; SAR(10 g) = 9.35e-005 W/kg**

Maximum value of SAR (measured) = 0.0158 W/kg



0 dB = 0.0158 W/kg = -18.01 dBW/kg

## #66\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch100

**DUT: 362142**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.645$  S/m;  $\epsilon_r = 47.008$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch100/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.0487 W/kg

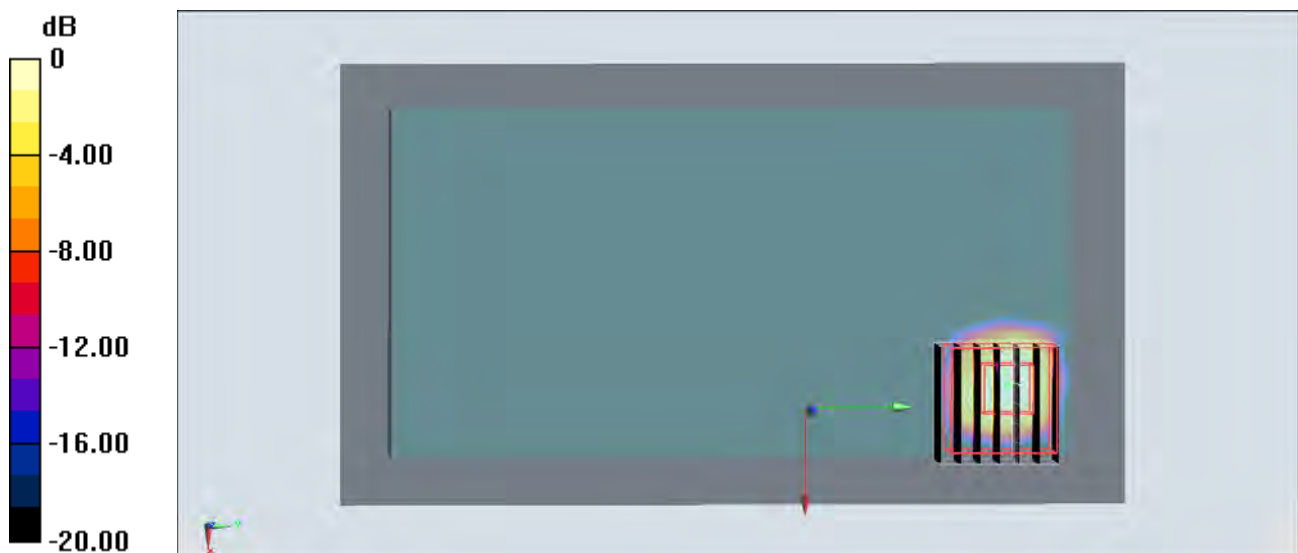
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.339 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00285 W/kg**

Maximum value of SAR (measured) = 0.0467 W/kg



0 dB = 0.0467 W/kg = -13.31 dBW/kg



**#67\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_1cm\_Ch106**

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.216

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.694$  S/m;  $\epsilon_r = 46.972$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch106/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0322 W/kg

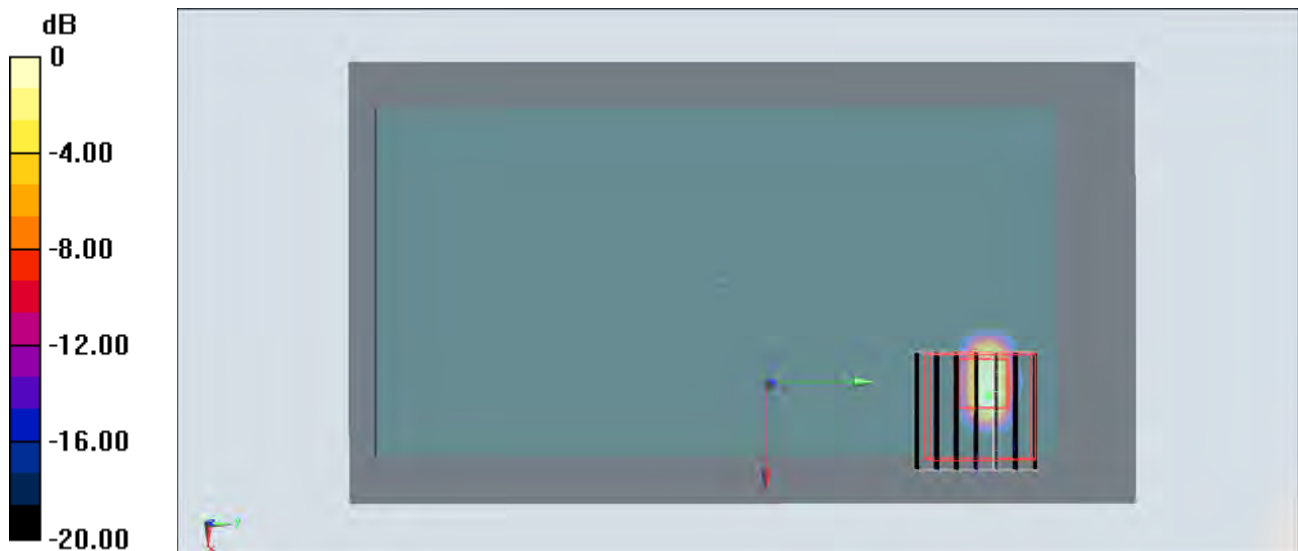
**Configuration/Ch106/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.811 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.00381 W/kg; SAR(10 g) = 0.000385 W/kg**

Maximum value of SAR (measured) = 0.0323 W/kg



0 dB = 0.0323 W/kg = -14.91 dBW/kg

## #68\_WLAN5GHz\_802.11a\_6Mbps\_Front\_1cm\_Ch149

**DUT: 362142**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.085$  S/m;  $\epsilon_r = 46.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch149/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

## #69\_WLAN5GHz\_802.11a\_6Mbps\_Back\_1cm\_Ch149

**DUT: 362142**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.048

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.085$  S/m;  $\epsilon_r = 46.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch149/Area Scan (91x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.113 W/kg

**Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.544 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.268 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

**#74\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_1cm\_Ch155**

**DUT: 362142**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.216

Medium: MSL\_5G\_130704 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 6.121$  S/m;  $\epsilon_r = 46.599$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch155/Area Scan (101x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.0710 W/kg

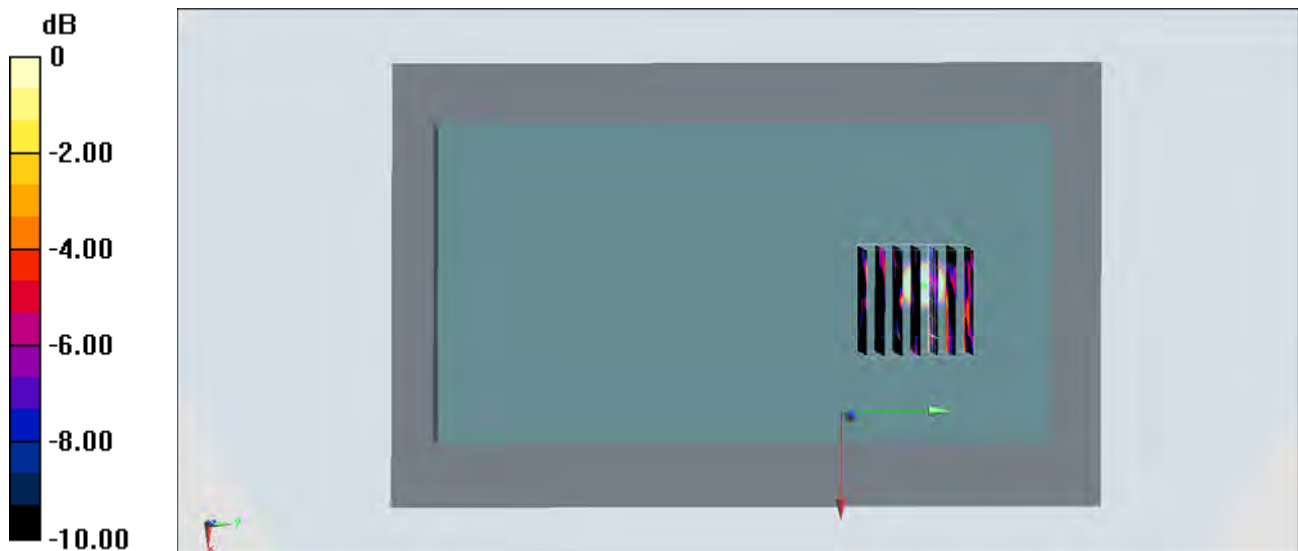
**Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.863 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0 W/kg

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

Maximum value of SAR (measured) = 0.0103 W/kg



0 dB = 0.0103 W/kg = -19.87 dBW/kg