



## ***Appendix B. Plots of SAR Measurement***

The plots are shown as follows.

**#22 GSM1900\_DTM 5 (2 Tx slots)\_Right Cheek\_Ch661\_Battery #1**

**DUT: 340403-01**

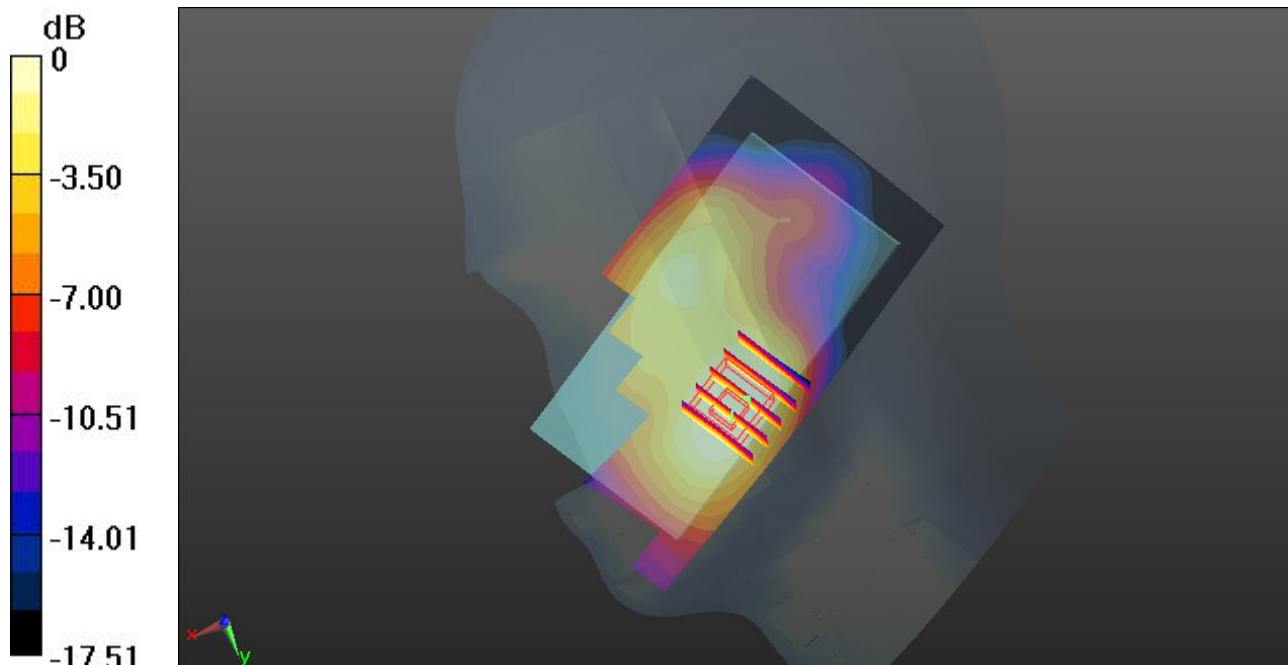
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 41.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.455 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.334 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.515 mW/g  
**SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.216 mW/g**  
Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg

**#23 GSM1900\_DTM 5 (2 Tx slots)\_Right Tilted\_Ch661\_Battery #1**

**DUT: 340403-01**

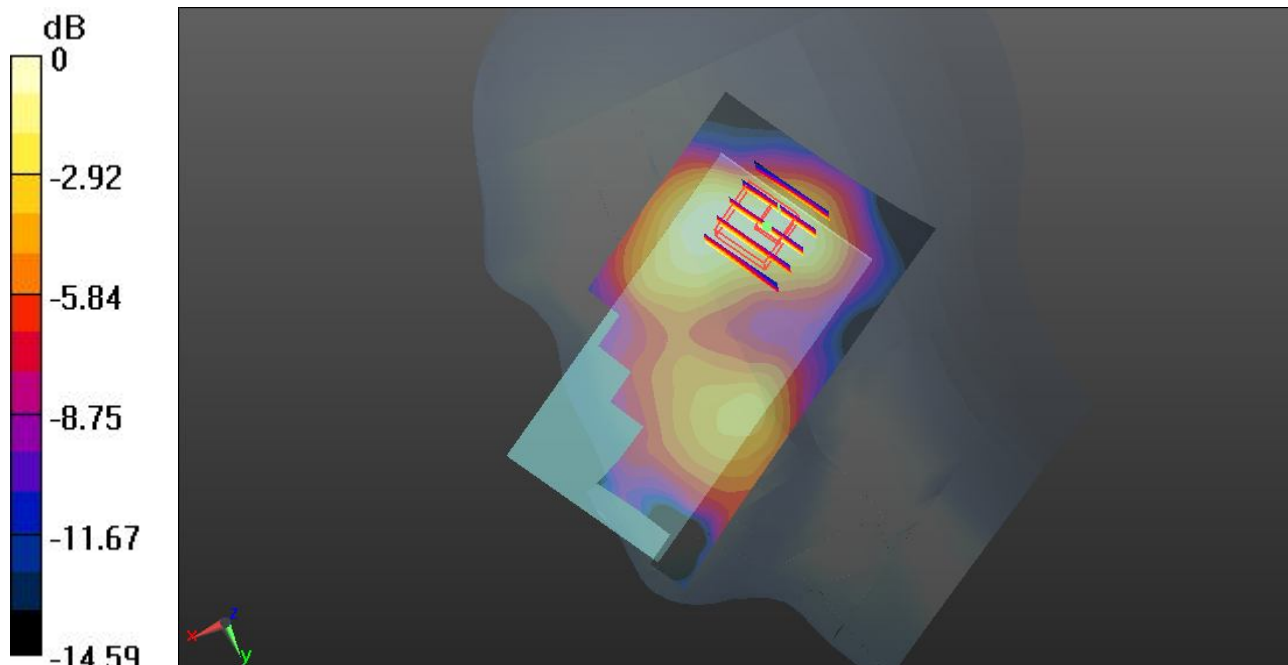
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 41.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.174 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.036 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.212 mW/g  
**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.081 mW/g**  
Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg

**#24 GSM1900\_DTM 5 (2 Tx slots)\_Left Cheek\_Ch661\_Battery #1**

**DUT: 340403-01**

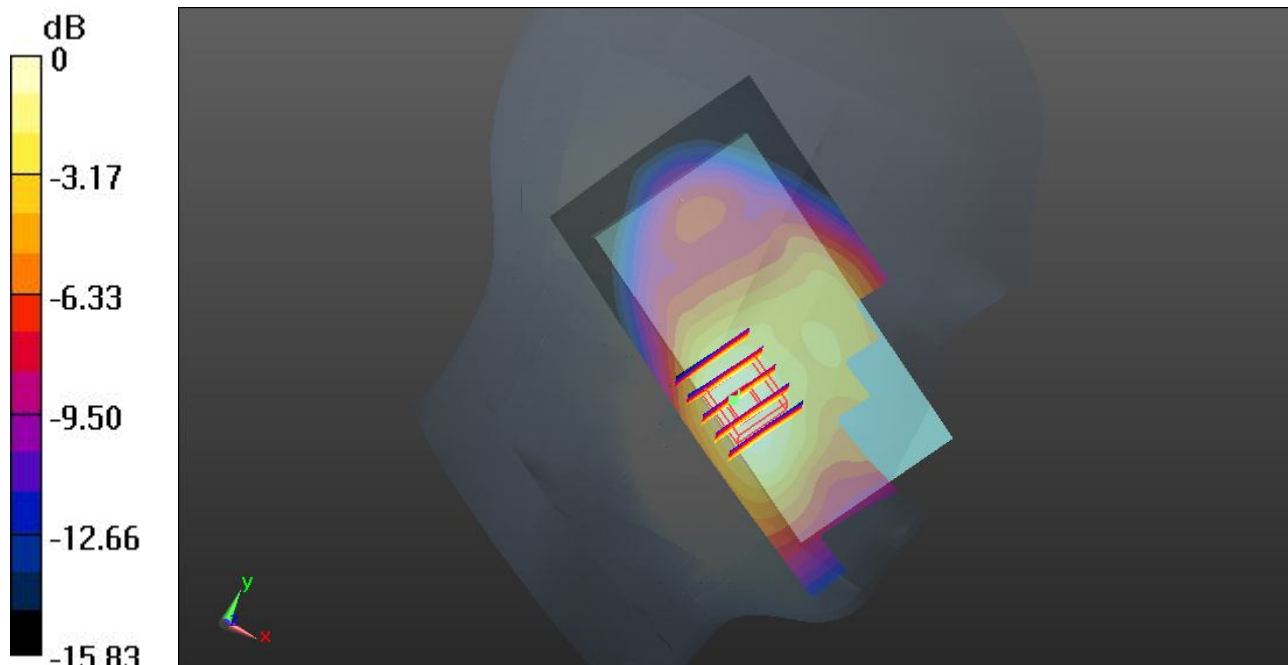
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 41.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.407 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.986 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.460 mW/g  
**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.194 mW/g**  
Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg

**#25 GSM1900\_DTM 5 (2 Tx slots)\_Left Tilted\_Ch661\_Battery #1**

**DUT: 340403-01**

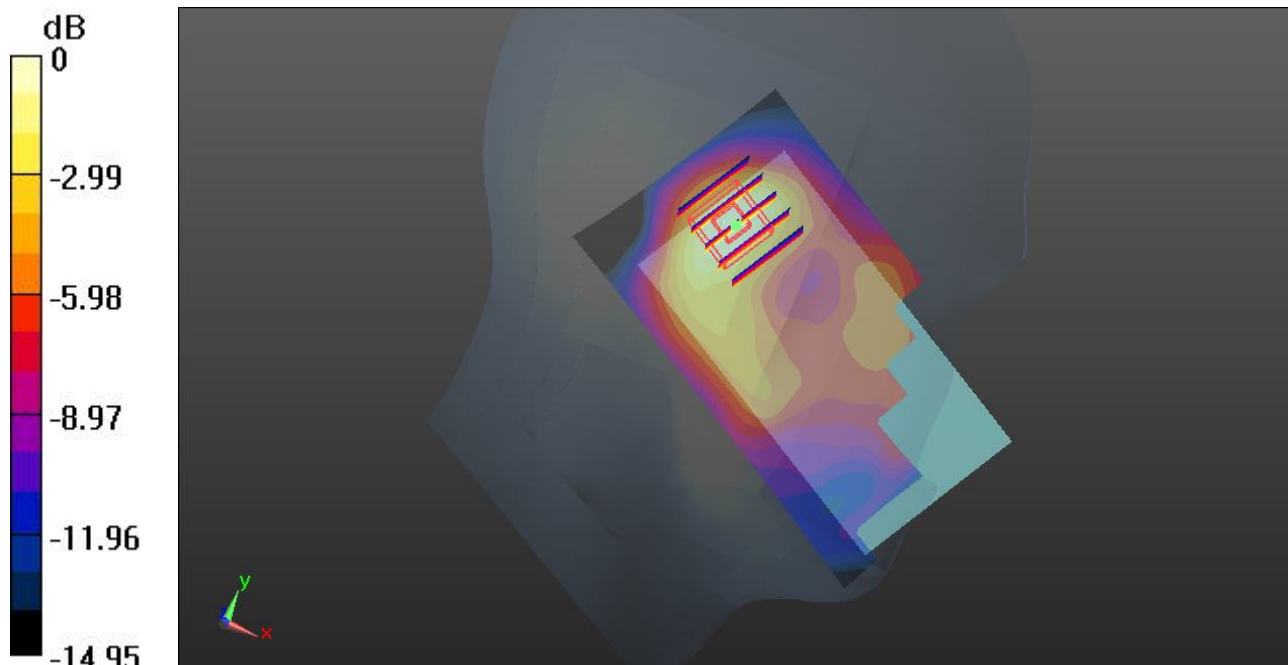
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 41.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.187 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.002 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.231 mW/g  
**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.080 mW/g**  
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg

**#26 GSM1900\_DTM 5 (2 Tx slots)\_Right Cheek\_Ch661\_Battery #2**

**DUT: 340403-01**

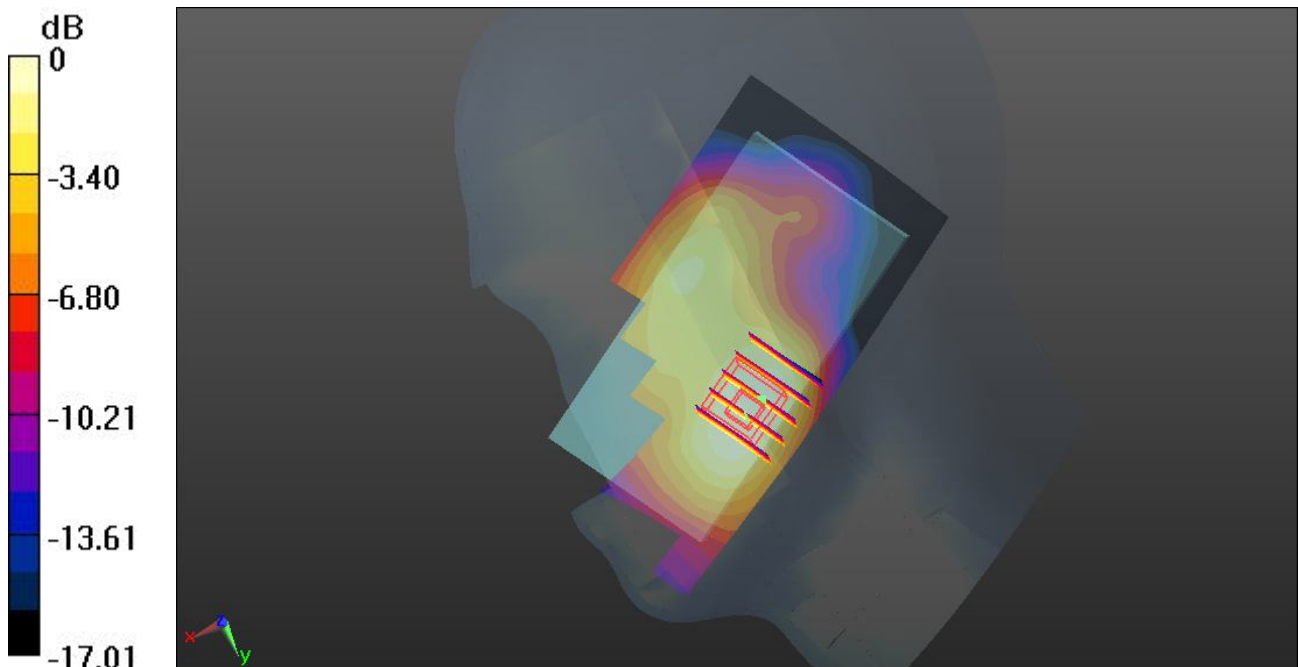
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r = 41.184$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.439 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.286 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.502 mW/g  
**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.212 mW/g**  
Maximum value of SAR (measured) = 0.418 W/kg



0 dB = 0.418 W/kg

**#231 LTE Band 7\_QPSK 1RB 0offset\_Right Cheek\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 38.556$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.132 W/kg

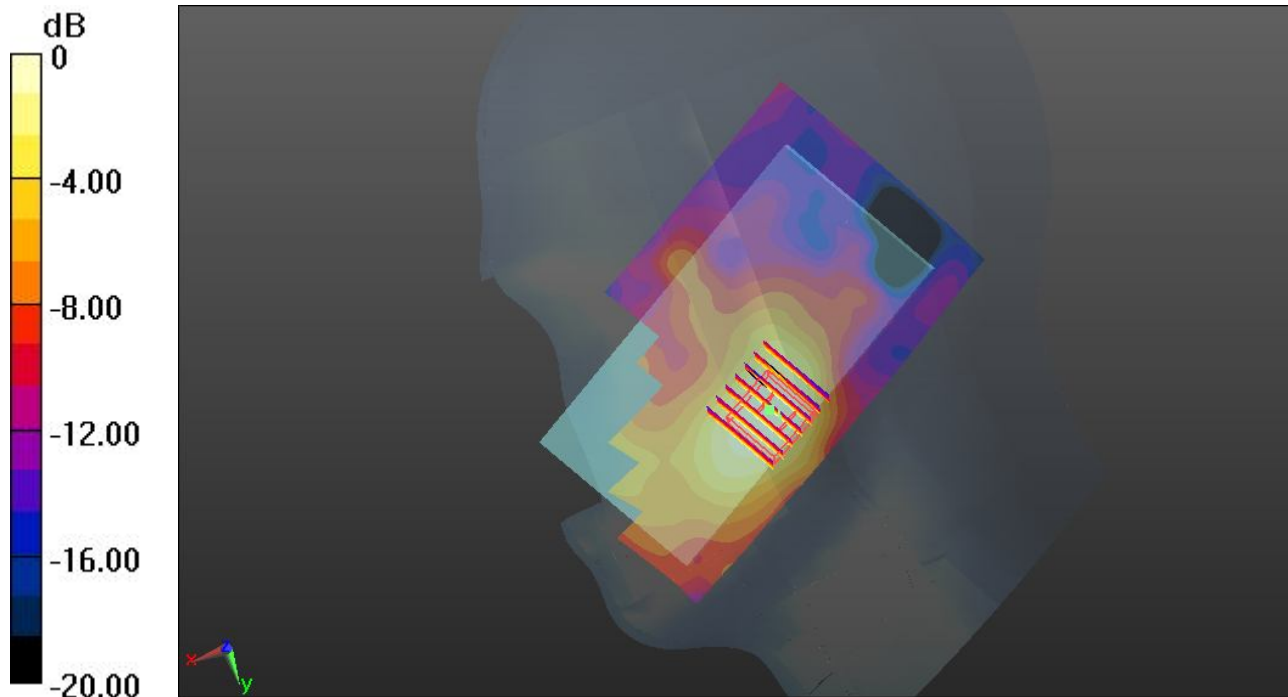
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.017 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.309 mW/g

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg

**#232 LTE Band 7\_QPSK 1RB 0offset\_Right Tilted\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 38.556$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

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

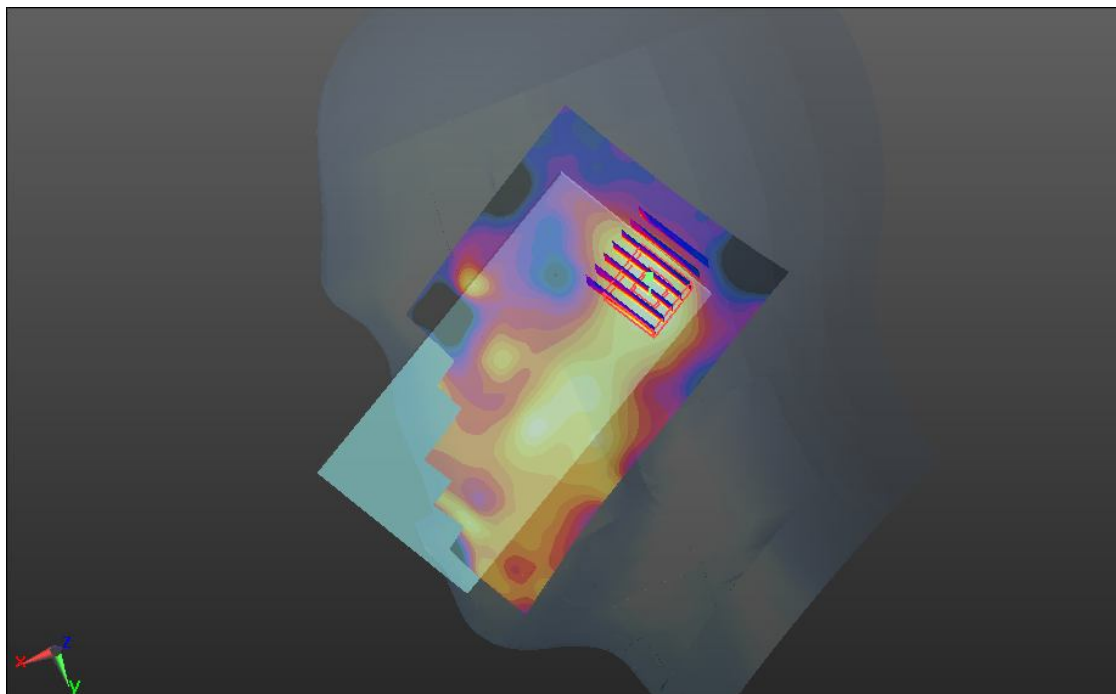
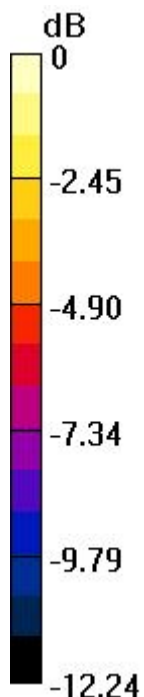
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.230 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.056 mW/g

**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.0426 W/kg



0 dB = 0.0426 W/kg



**#233 LTE Band 7\_QPSK 1RB 0offset\_Left Cheek\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 38.556$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.126 W/kg

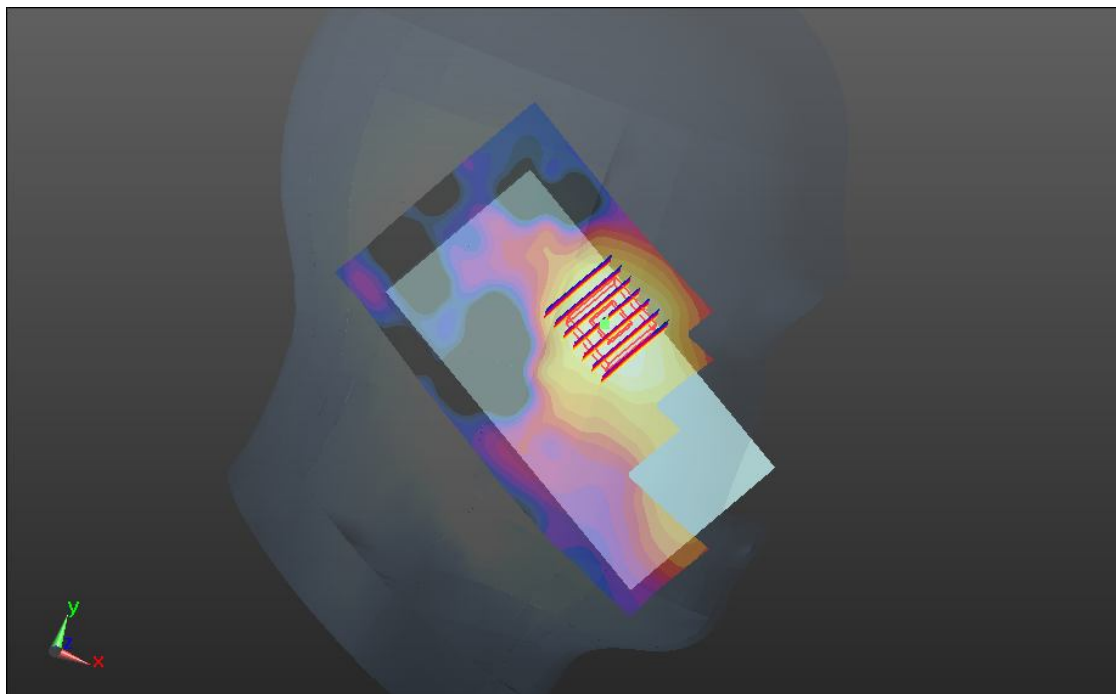
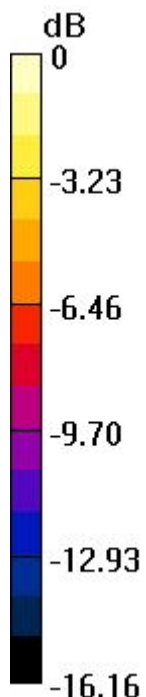
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.806 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.143 mW/g

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg

**#234 LTE Band 7\_QPSK 1RB 0offset\_Left Tilted\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 38.556$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0632 W/kg

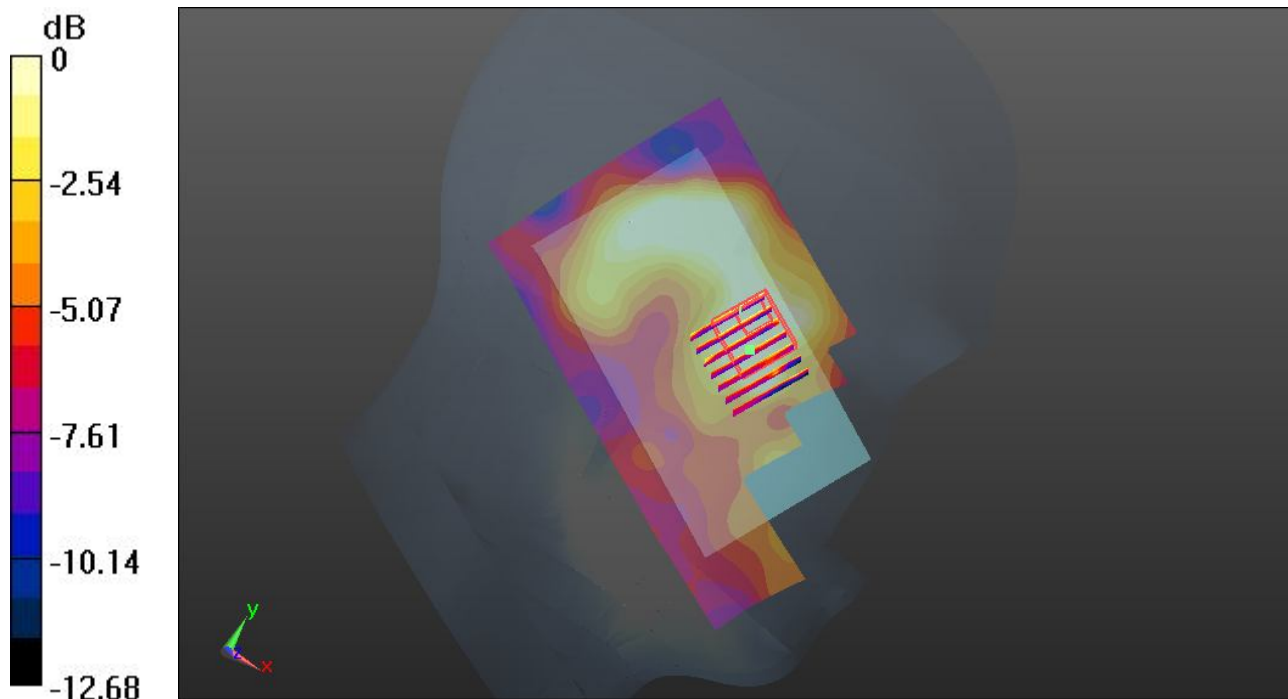
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.489 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.047 mW/g

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0317 W/kg



0 dB = 0.0317 W/kg

**#235 LTE Band 7\_QPSK 1RB 0offset\_Right Cheek\_Ch21020\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 38.556$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0923 W/kg

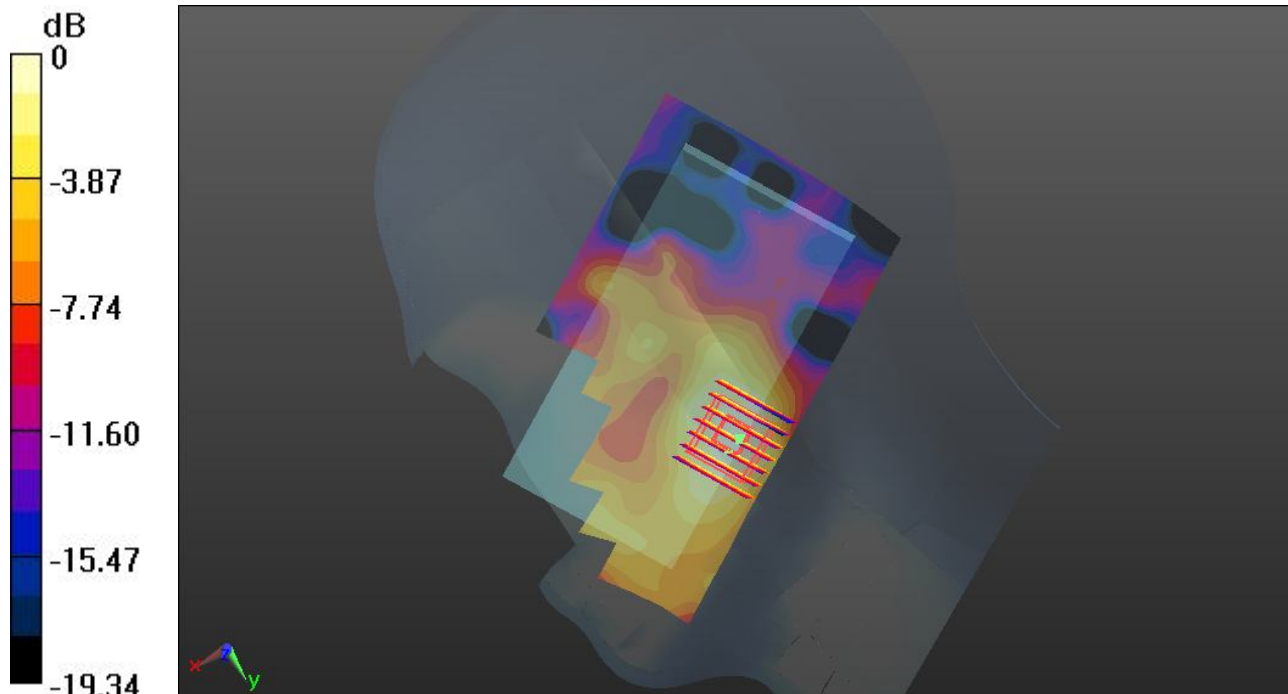
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.656 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.124 mW/g

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.0955 W/kg



0 dB = 0.0955 W/kg

**#236 LTE Band 7\_QPSK 50 RB 0offset\_Right Cheek\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 1.898$  mho/m;  $\epsilon_r =$

$38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C ; Liquid Temperature :  $22.7$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

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

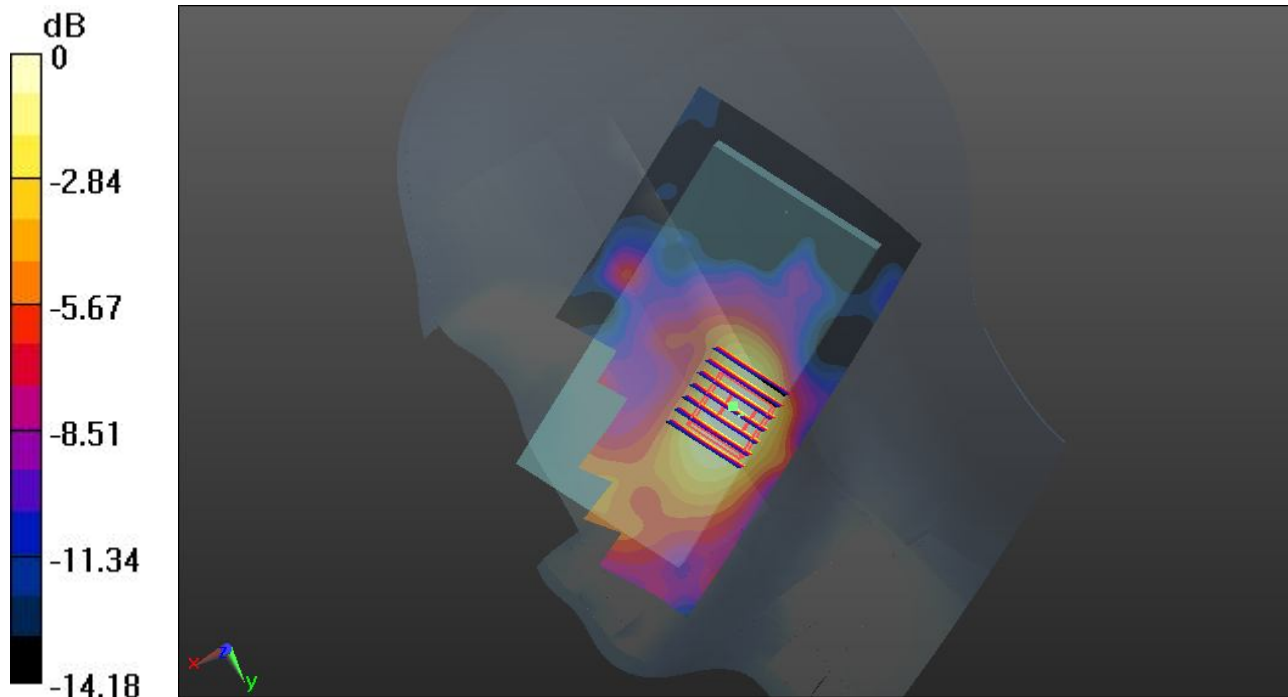
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.099 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.138 mW/g

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg

**#237 LTE Band 7\_QPSK 50 RB 0offset\_Right Tilted\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 1.898$  mho/m;  $\epsilon_r =$

$38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C ; Liquid Temperature :  $22.7$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0345 W/kg

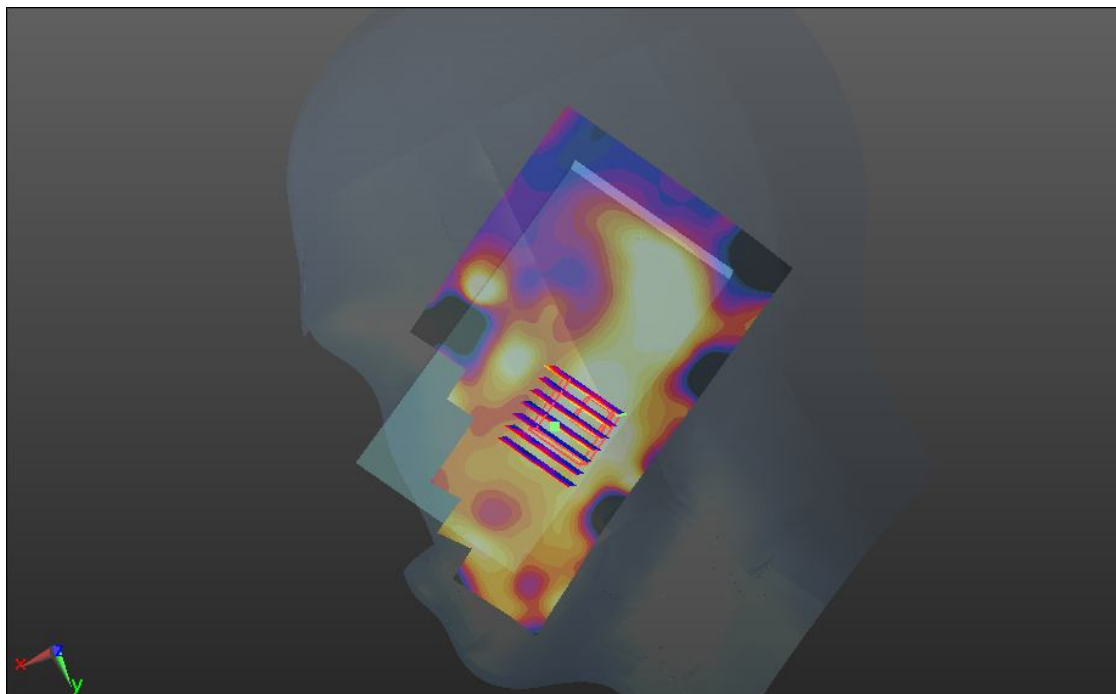
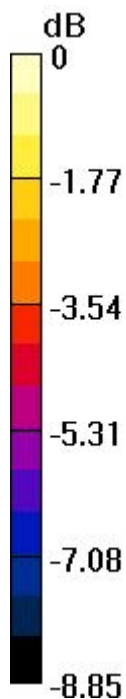
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.951 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.025 mW/g

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00984 mW/g**

Maximum value of SAR (measured) = 0.0224 W/kg



0 dB = 0.0224 W/kg

**#238 LTE Band 7\_QPSK 50 RB 0offset\_Left Cheek\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 1.898$  mho/m;  $\epsilon_r =$

$38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.117 W/kg

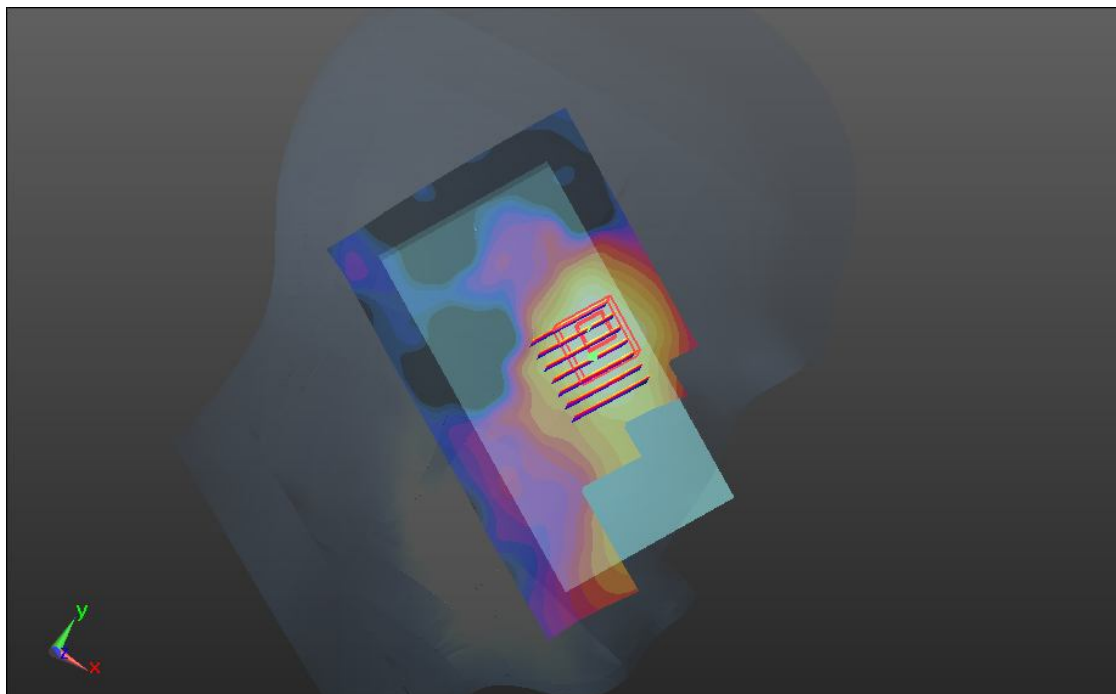
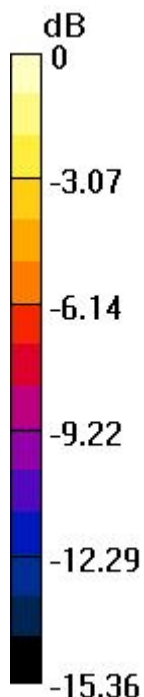
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.877 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.127 mW/g

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.0987 W/kg



0 dB = 0.0987 W/kg

**#239 LTE Band 7\_QPSK 50 RB 0offset\_Left Tilted\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 1.898$  mho/m;  $\epsilon_r =$

$38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0337 W/kg

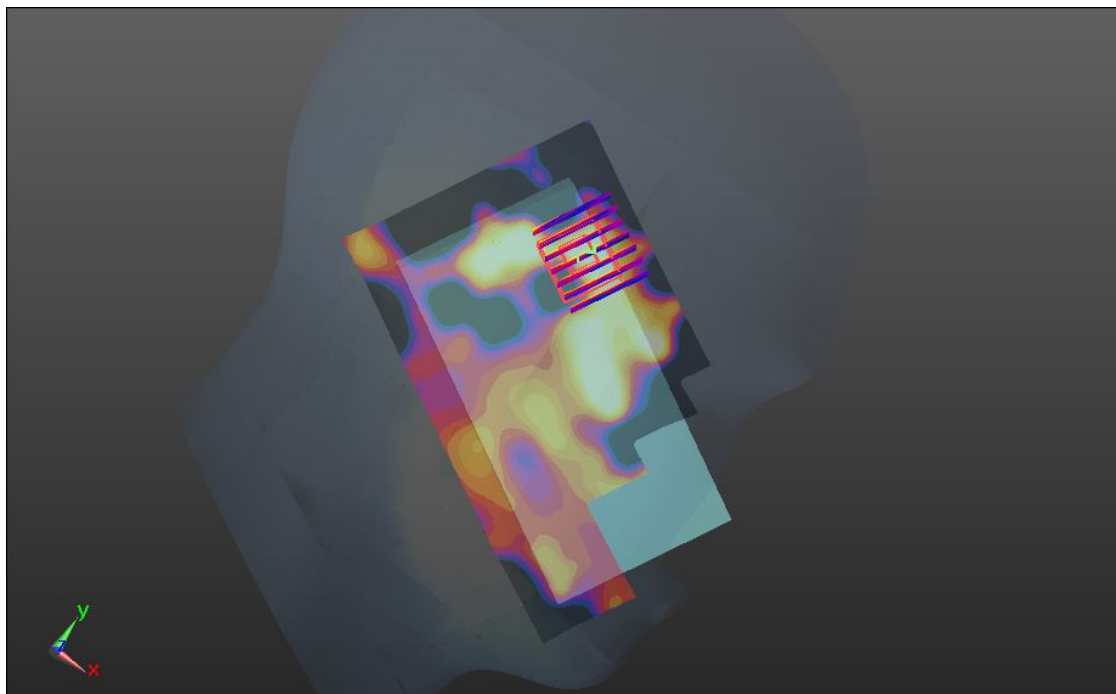
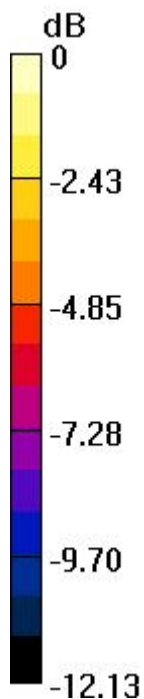
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.041 mW/g

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00817 mW/g**

Maximum value of SAR (measured) = 0.0227 W/kg



0 dB = 0.0227 W/kg



**#240 LTE Band 7\_QPSK 50 RB 0offset\_Right Cheek\_Ch20890\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_130907 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 1.898$  mho/m;  $\epsilon_r =$

$38.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.76, 6.76, 6.76); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0950 W/kg

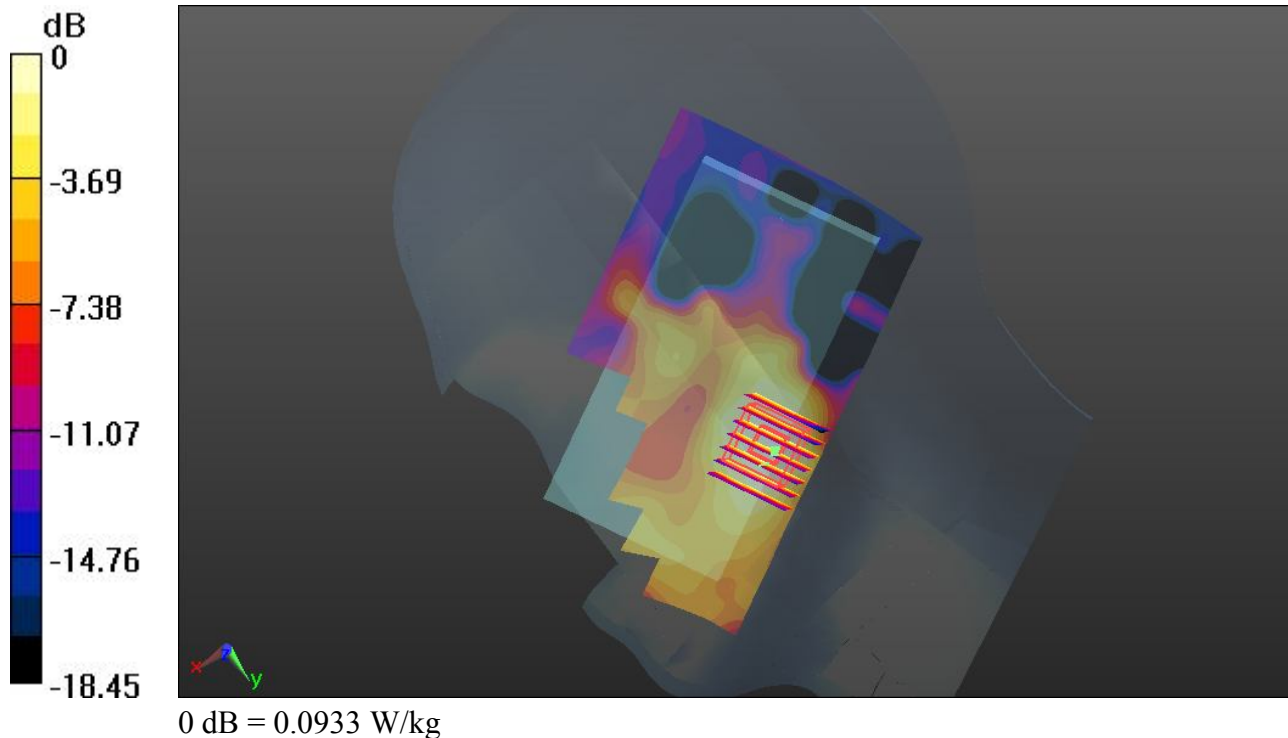
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.632 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.123 mW/g

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.0933 W/kg





### #38 WLAN 2.4GHz\_802.11b\_Right Cheek\_Ch11\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 37.627$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.168 W/kg

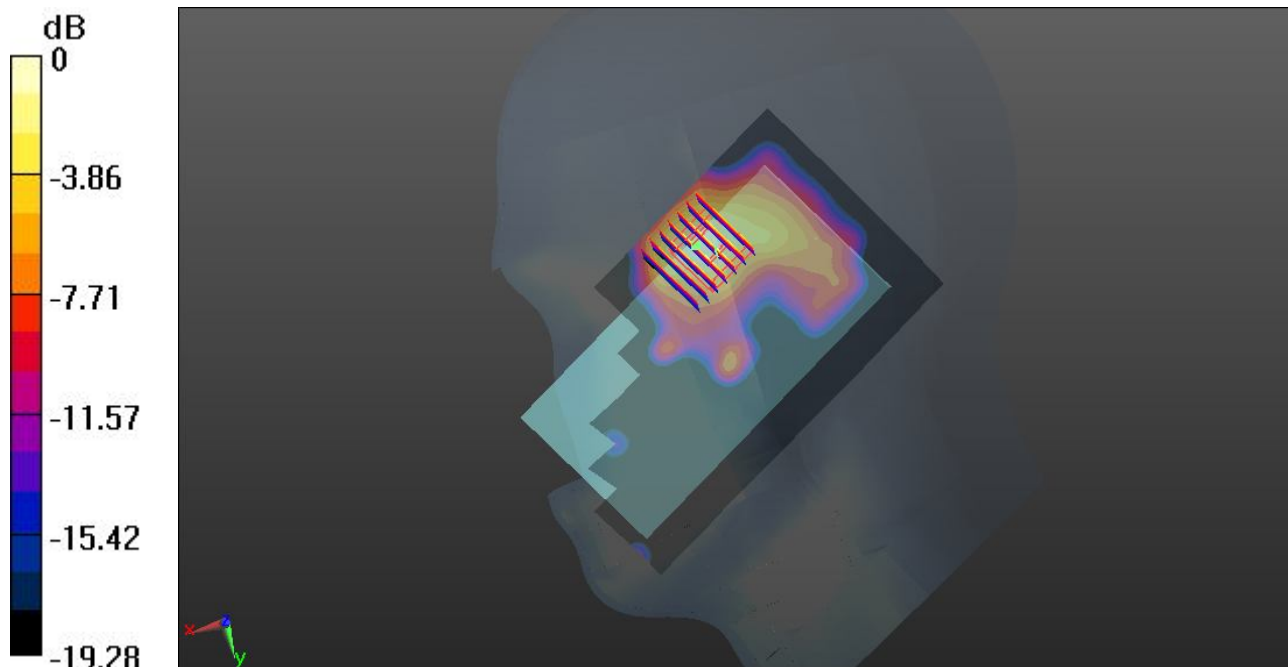
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.439 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.266 mW/g

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.052 mW/g**

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



0 dB = 0.176 W/kg

### #39 WLAN 2.4GHz\_802.11b\_Right Tilted\_Ch11\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 37.627$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.0652 W/kg

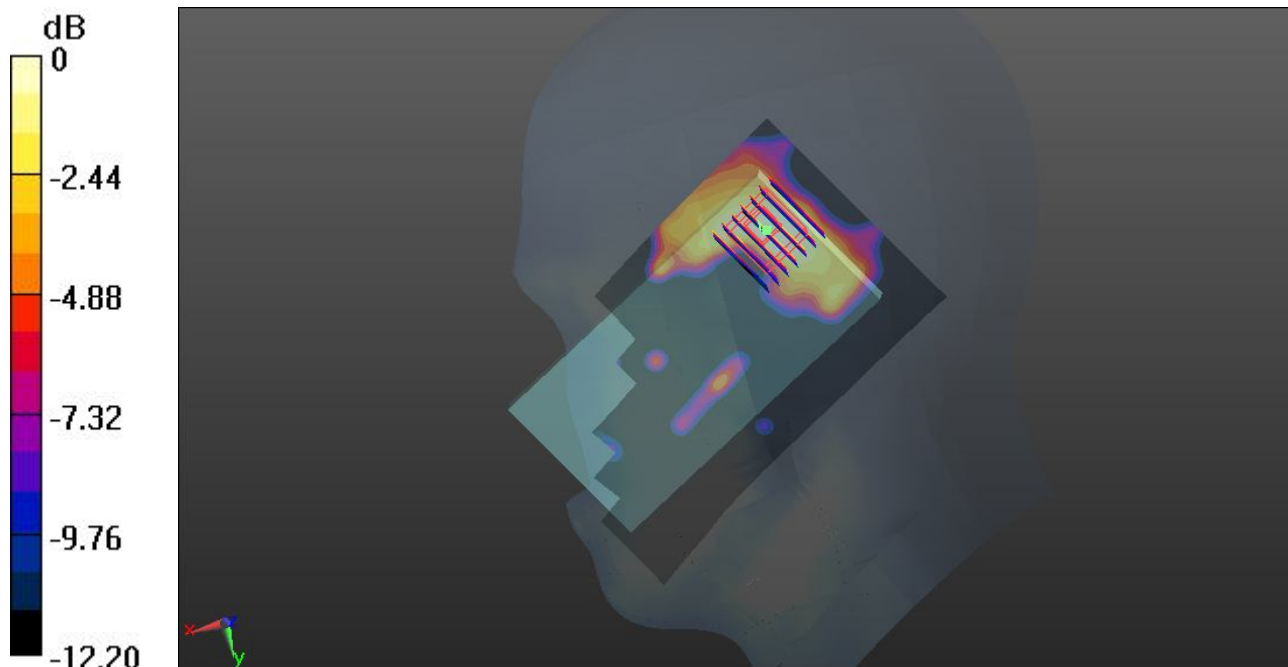
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.382 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.075 mW/g

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.0554 W/kg



0 dB = 0.0554 W/kg

**#40 WLAN 2.4GHz\_802.11b\_Left Cheek\_Ch11\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 37.627$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.0955 W/kg

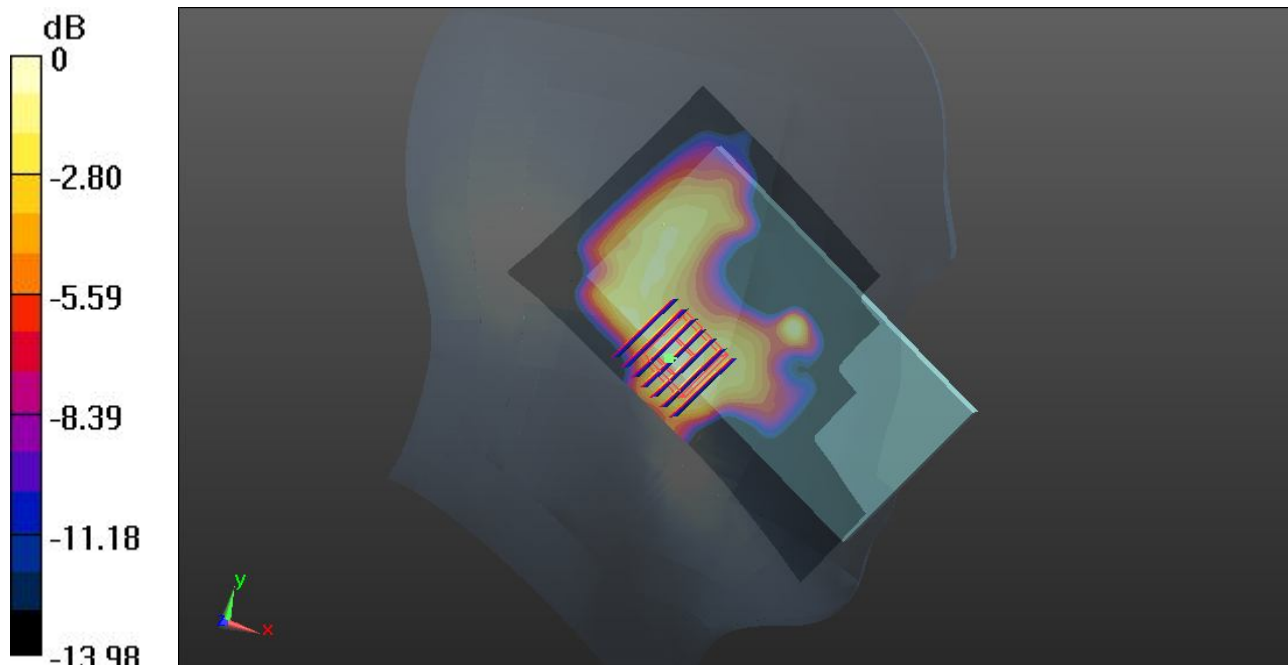
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.328 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.134 mW/g

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.0929 W/kg



0 dB = 0.0929 W/kg

### #41 WLAN 2.4GHz\_802.11b\_Left Tilted\_Ch11\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 37.627$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.0680 W/kg

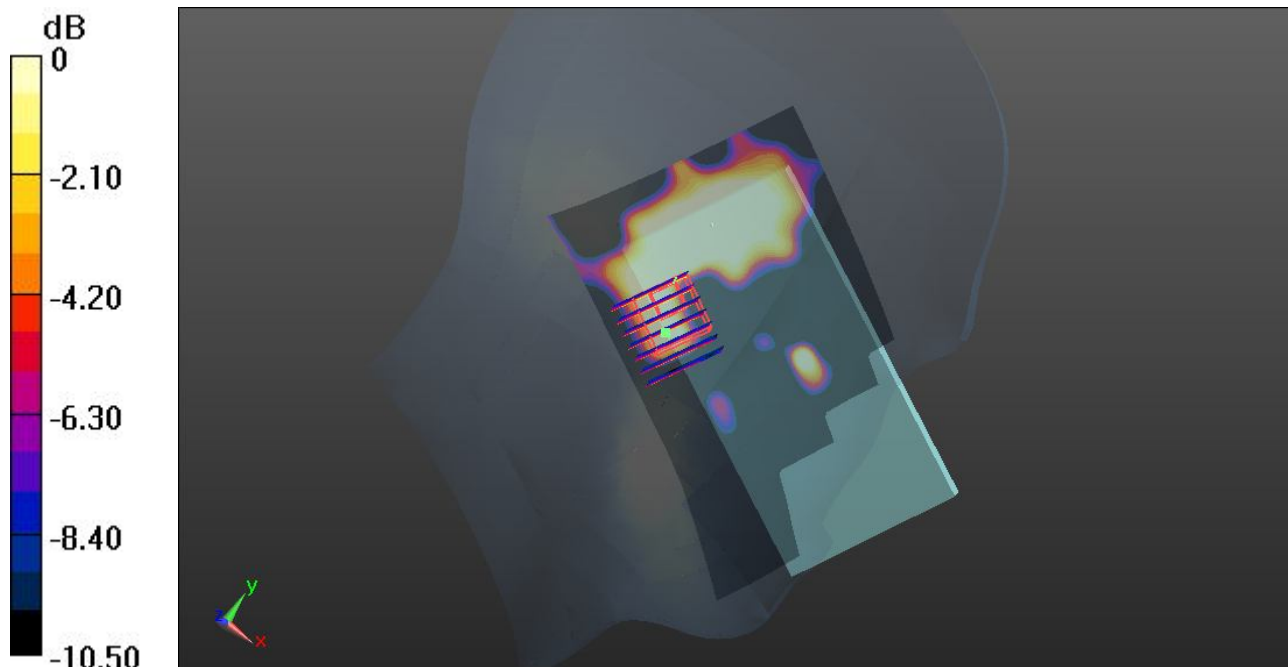
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.480 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.043 mW/g

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.0336 W/kg



0 dB = 0.0336 W/kg

### #42 WLAN 2.4GHz\_802.11b\_Right Cheek\_Ch11\_Battery #2

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: HSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 37.627$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

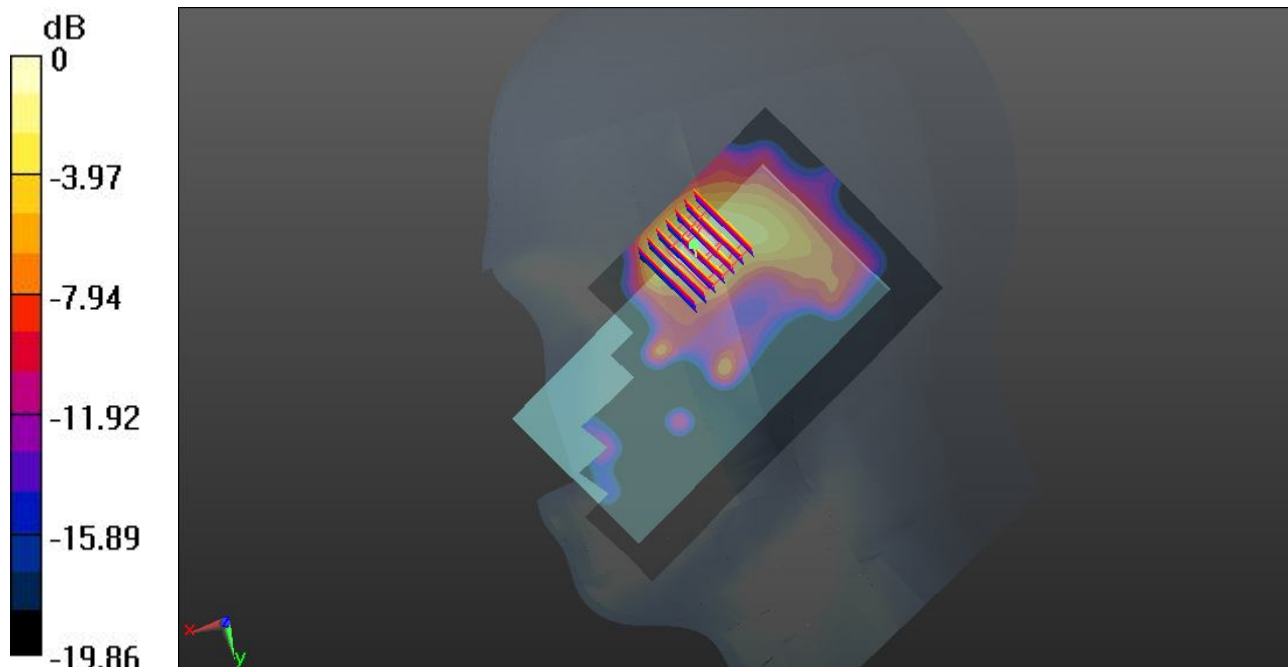
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.729 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.229 mW/g

**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg

**#43 WLAN 5.2GHz\_802.11a 6Mbps\_Right Cheek\_Ch48\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.743$  mho/m;  $\epsilon_r =$

$36.961$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.132 W/kg

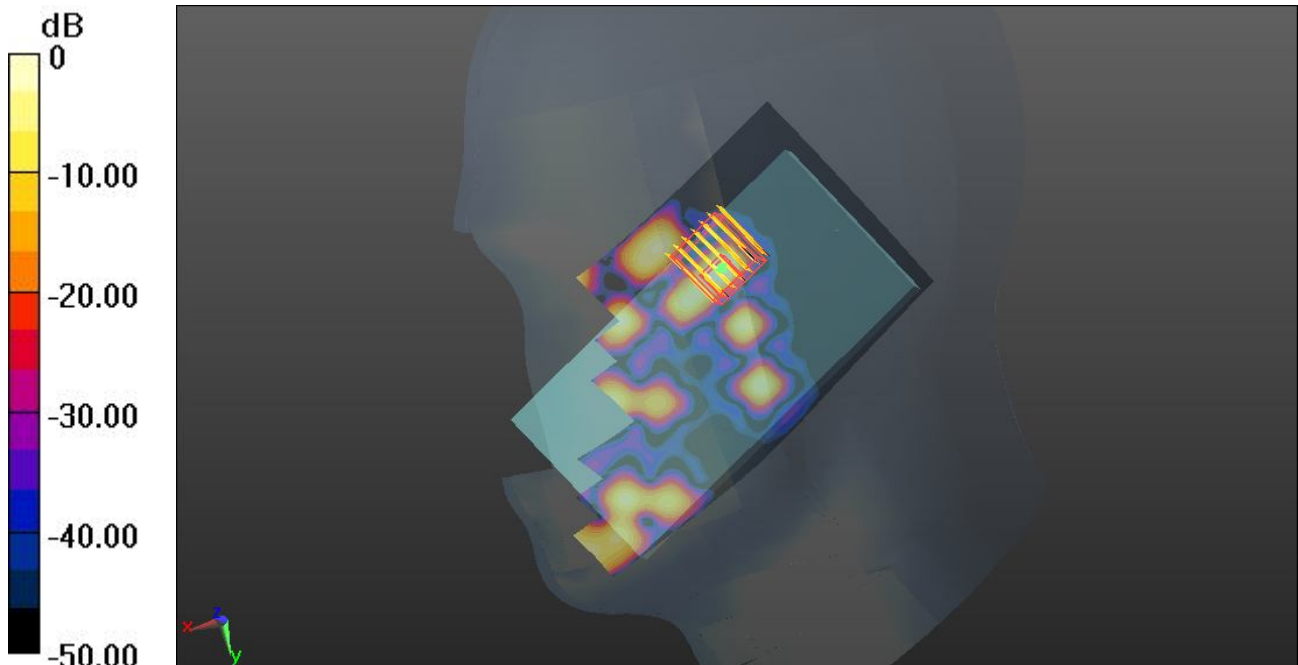
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.962 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.518 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00216 mW/g**

Maximum value of SAR (measured) = 0.0918 W/kg



0 dB = 0.0918 W/kg

**#44 WLAN 5.2GHz\_802.11a 6Mbps\_Right Tilted\_Ch48\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.743$  mho/m;  $\epsilon_r =$

$36.961$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0646 W/kg

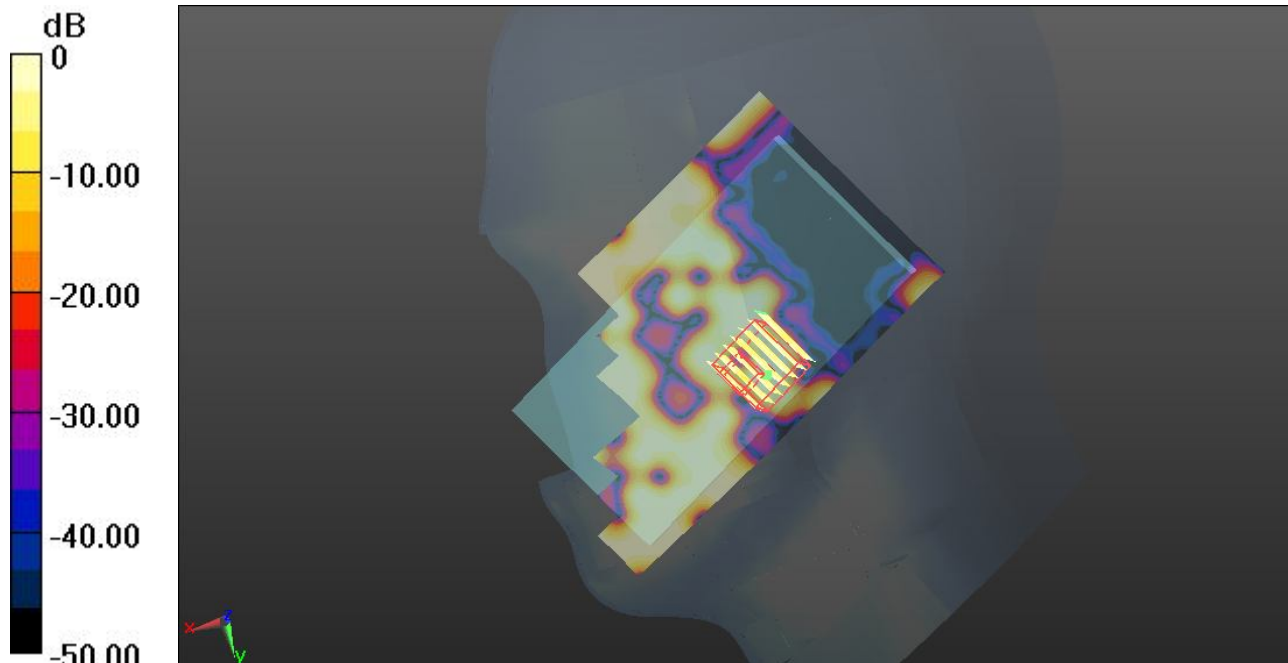
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.589 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.491 mW/g

**SAR(1 g) = 0.00318 mW/g; SAR(10 g) = 0.000925 mW/g**

Maximum value of SAR (measured) = 0.0229 W/kg



0 dB = 0.0229 W/kg



### #45 WLAN 5.2GHz\_802.11a 6Mbps\_Left Cheek\_Ch48\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.743$  mho/m;  $\epsilon_r =$

$36.961$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.169 W/kg

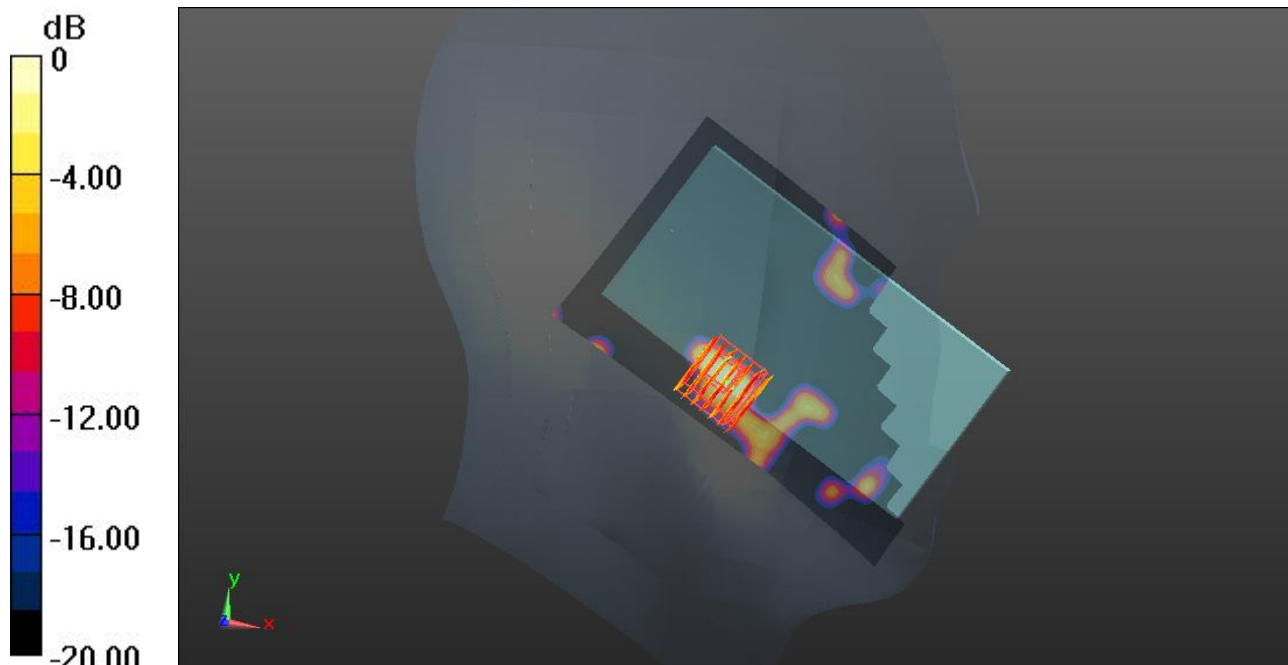
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.234 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.109 mW/g

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.0659 W/kg



0 dB = 0.0659 W/kg



### #46 WLAN 5.2GHz\_802.11a 6Mbps\_Left Tilted\_Ch48\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.743$  mho/m;  $\epsilon_r =$

$36.961$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0334 W/kg

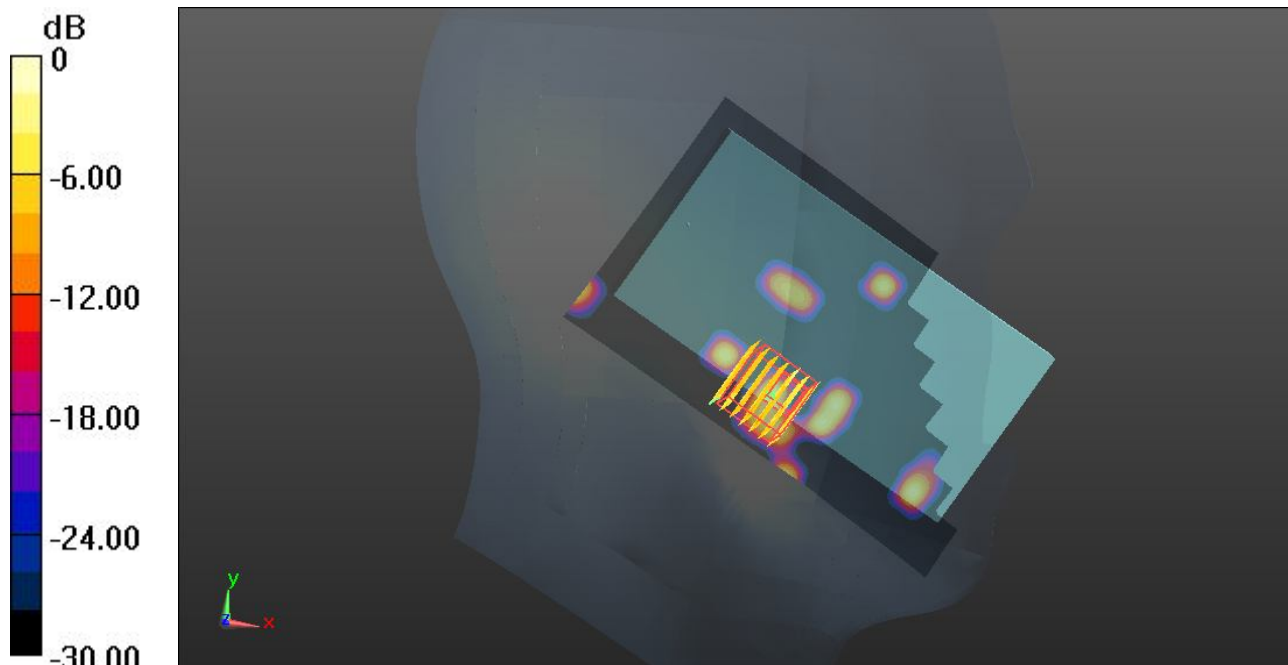
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.359 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.093 mW/g

**SAR(1 g) = 0.00757 mW/g; SAR(10 g) = 0.003 mW/g**

Maximum value of SAR (measured) = 0.0467 W/kg



0 dB = 0.0467 W/kg

### #47 WLAN 5.2GHz\_802.11a 6Mbps\_Left Cheek\_Ch48\_Battery #2

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.743$  mho/m;  $\epsilon_r =$

$36.961$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.11, 5.11, 5.11); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0621 W/kg

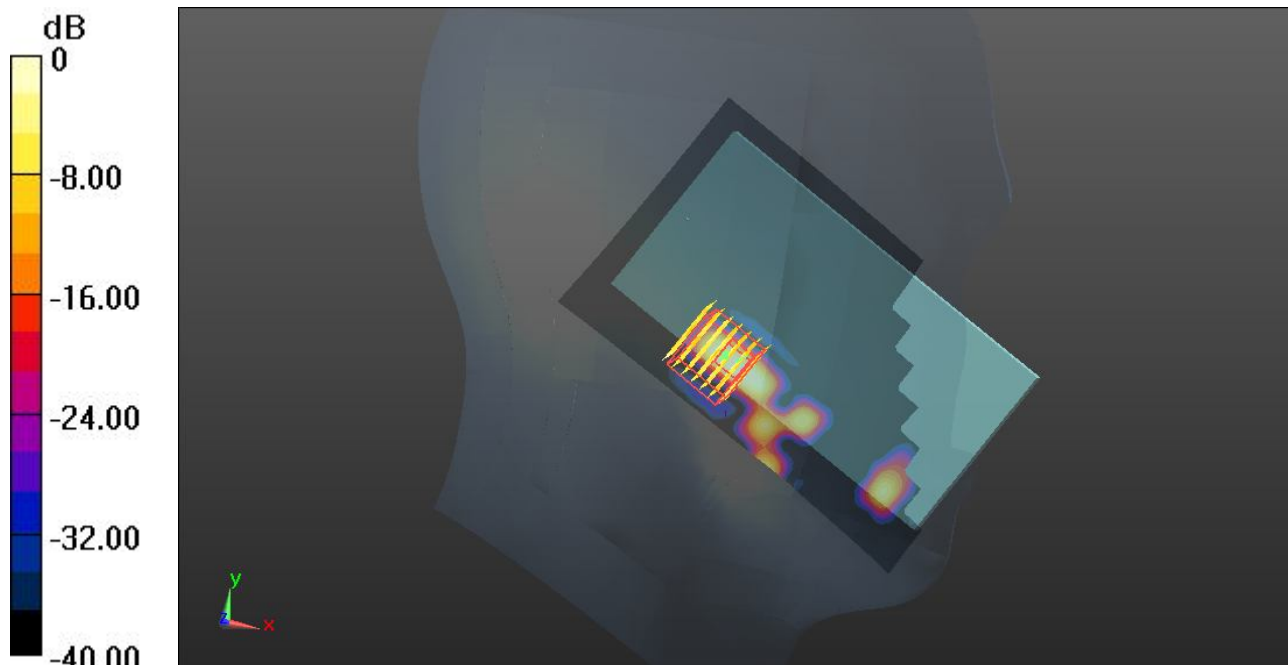
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.454 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.097 mW/g

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.0622 W/kg



0 dB = 0.0622 W/kg

**#256 WLAN 5.3GHz\_802.11a 6Mbps\_Right Cheek\_Ch64\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5G\_130912 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.853$  mho/m;  $\epsilon_r = 36.837$ ;

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.300 W/kg

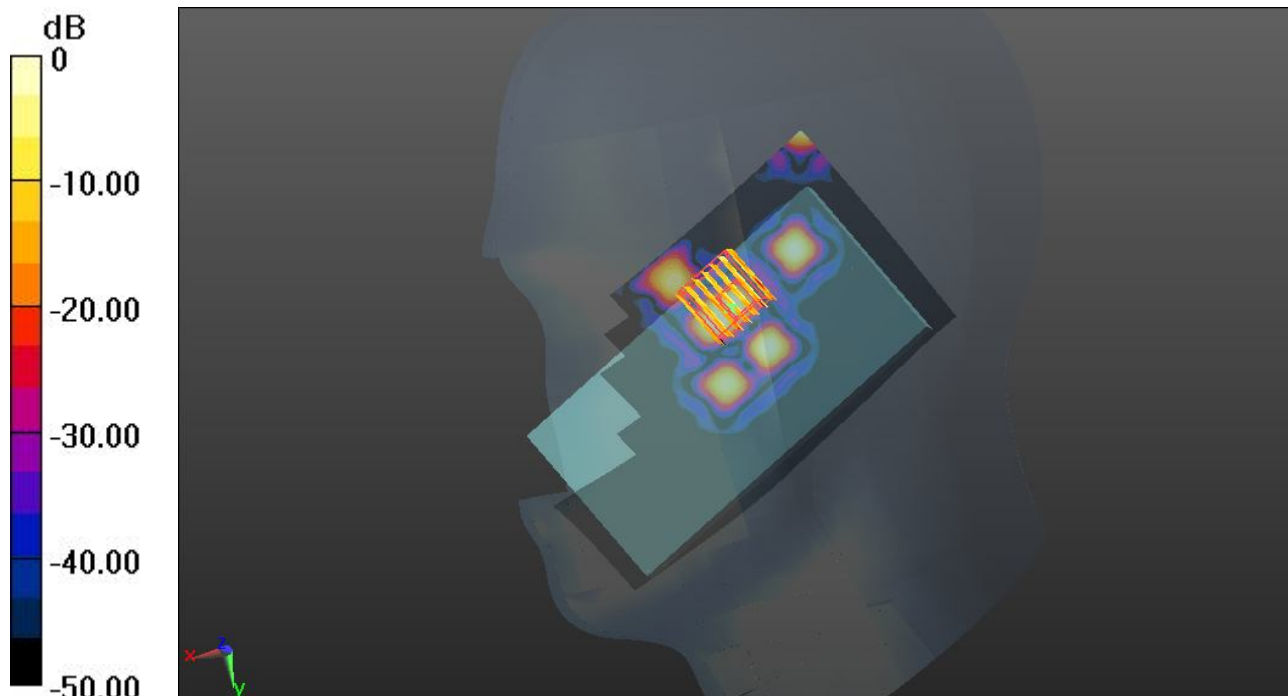
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.415 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.705 mW/g

**SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.00894 mW/g**

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg

**#257 WLAN 5.3GHz\_802.11a 6Mbps\_Right Tilted\_Ch64\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5G\_130912 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.853$  mho/m;  $\epsilon_r = 36.837$ ;

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.146 W/kg

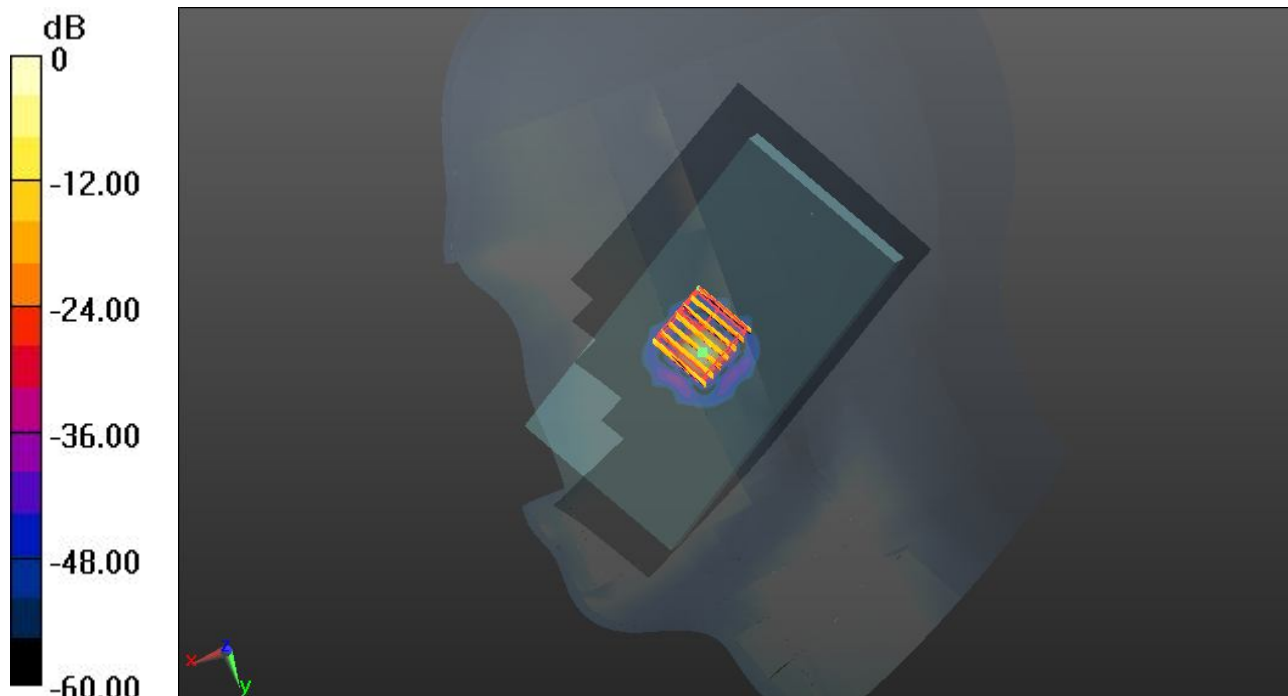
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.5 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.237 mW/g

**SAR(1 g) = 0.000207 mW/g; SAR(10 g) = 3.76e-006 mW/g**

Maximum value of SAR (measured) = 0.237 W/kg



0 dB = 0.237 W/kg

### #258 WLAN 5.3GHz\_802.11a 6Mbps\_Left Cheek\_Ch64\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5G\_130912 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.853$  mho/m;  $\epsilon_r = 36.837$ ;

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0683 W/kg

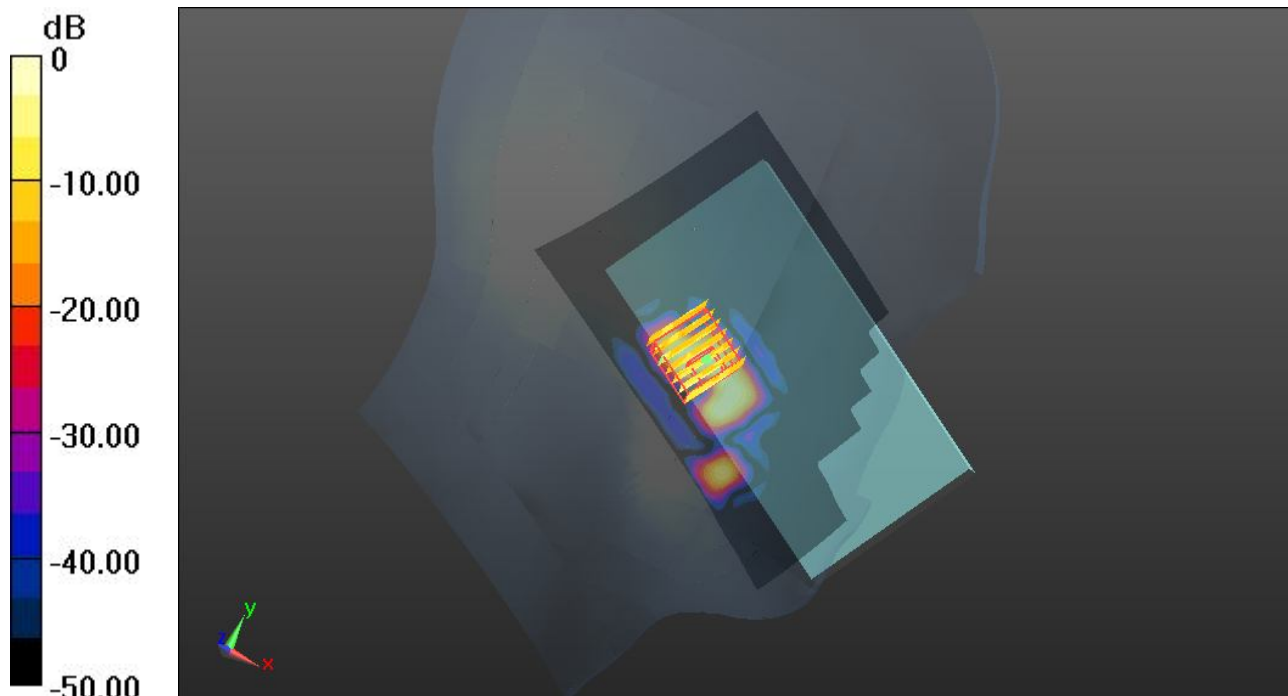
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.485 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.472 mW/g

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg

### #259 WLAN 5.3GHz\_802.11a 6Mbps\_Left Tilted\_Ch64\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5G\_130912 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.853$  mho/m;  $\epsilon_r = 36.837$ ;

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0366 W/kg

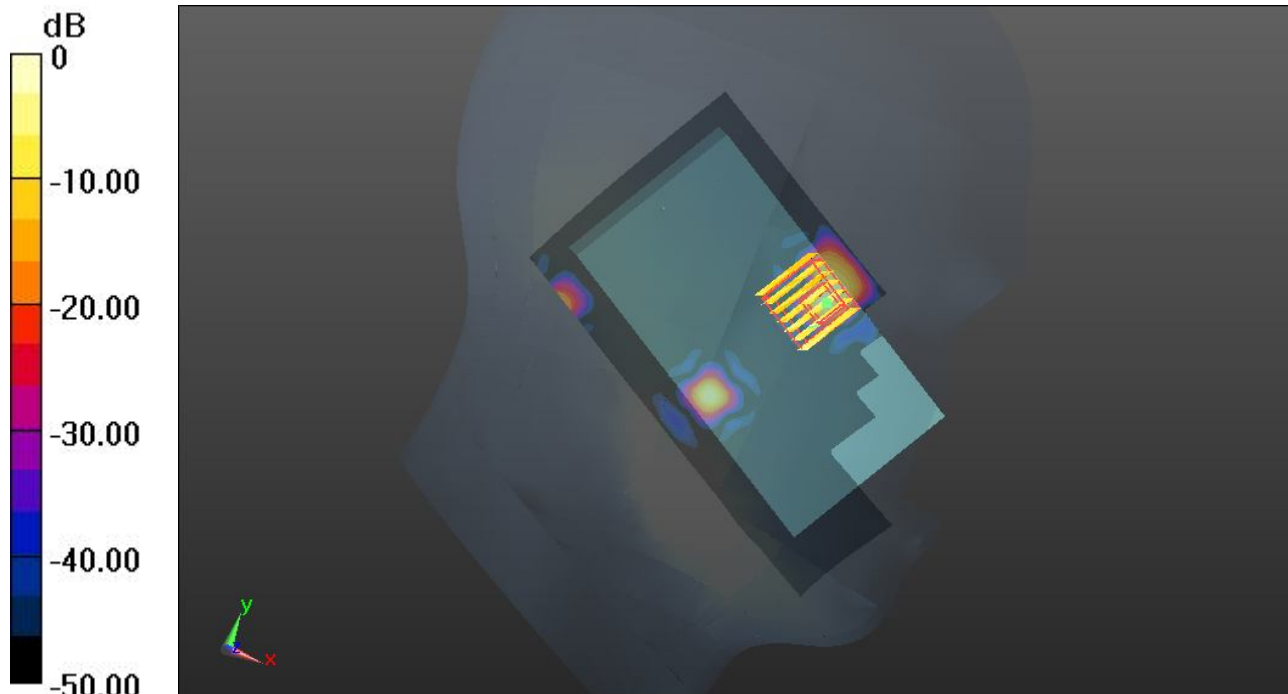
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.252 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.063 mW/g

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00427 mW/g**

Maximum value of SAR (measured) = 0.0778 W/kg



0 dB = 0.0778 W/kg

**#260 WLAN 5.3GHz\_802.11a 6Mbps\_Right Cheek\_Ch64\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5G\_130912 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.853$  mho/m;  $\epsilon_r = 36.837$ ;

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

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

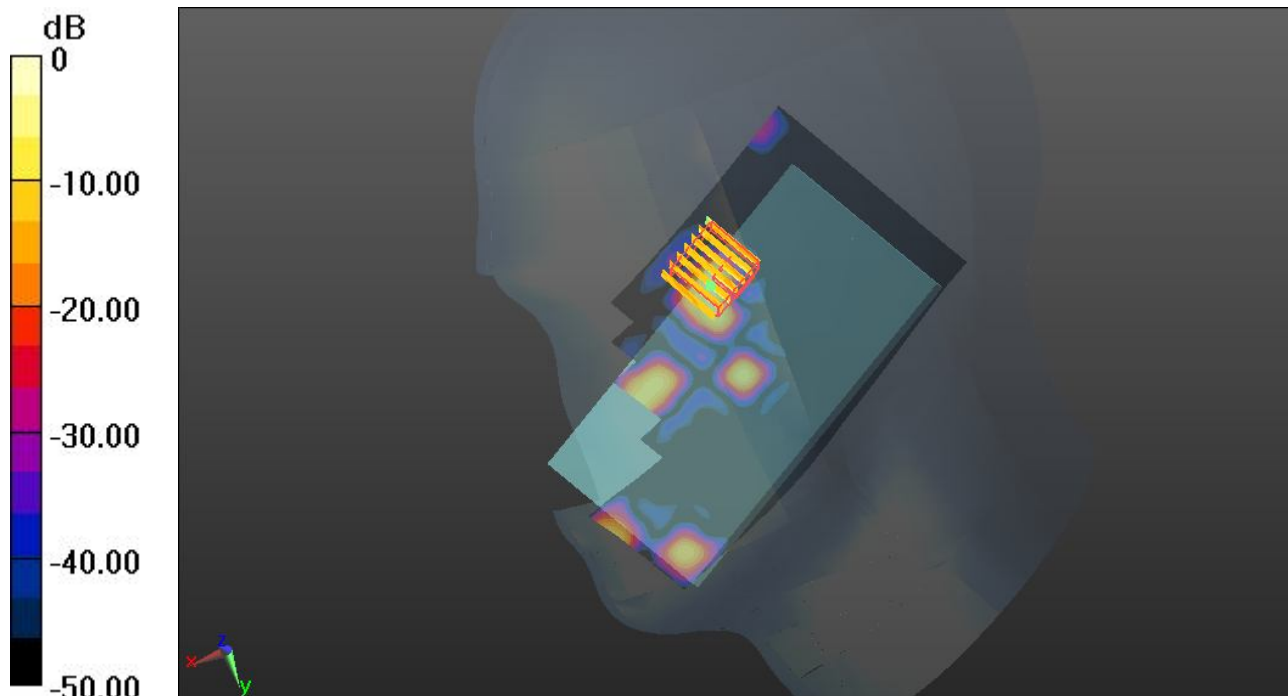
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.617 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.287 mW/g

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.00605 mW/g**

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg



**#251 WLAN 5.5GHz\_802.11a 6Mbps\_Right Cheek\_Ch140\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5800\_130912 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.256$  mho/m;  $\epsilon_r =$

$35.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.517 W/kg

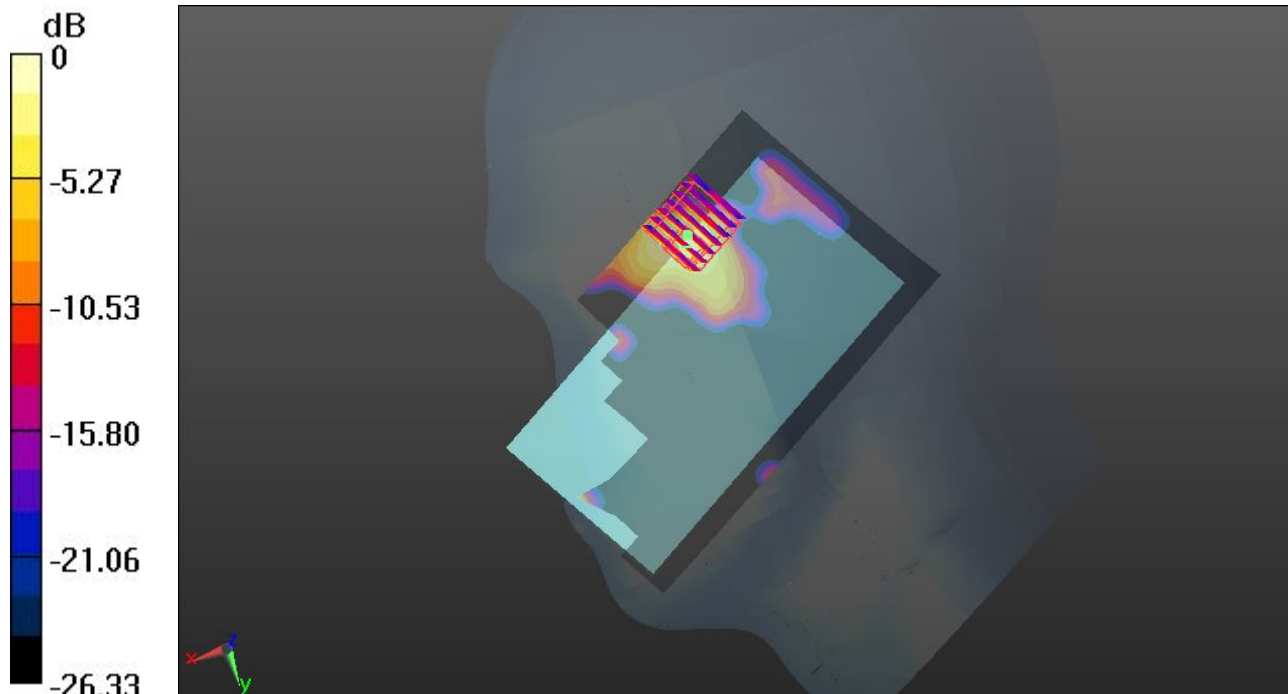
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.951 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.766 mW/g

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.040 mW/g**

Maximum value of SAR (measured) = 0.701 W/kg



0 dB = 0.701 W/kg



**#252 WLAN 5.5GHz\_802.11a 6Mbps\_Right Tilted\_Ch140\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5800\_130912 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.256$  mho/m;  $\epsilon_r =$

$35.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.196 W/kg

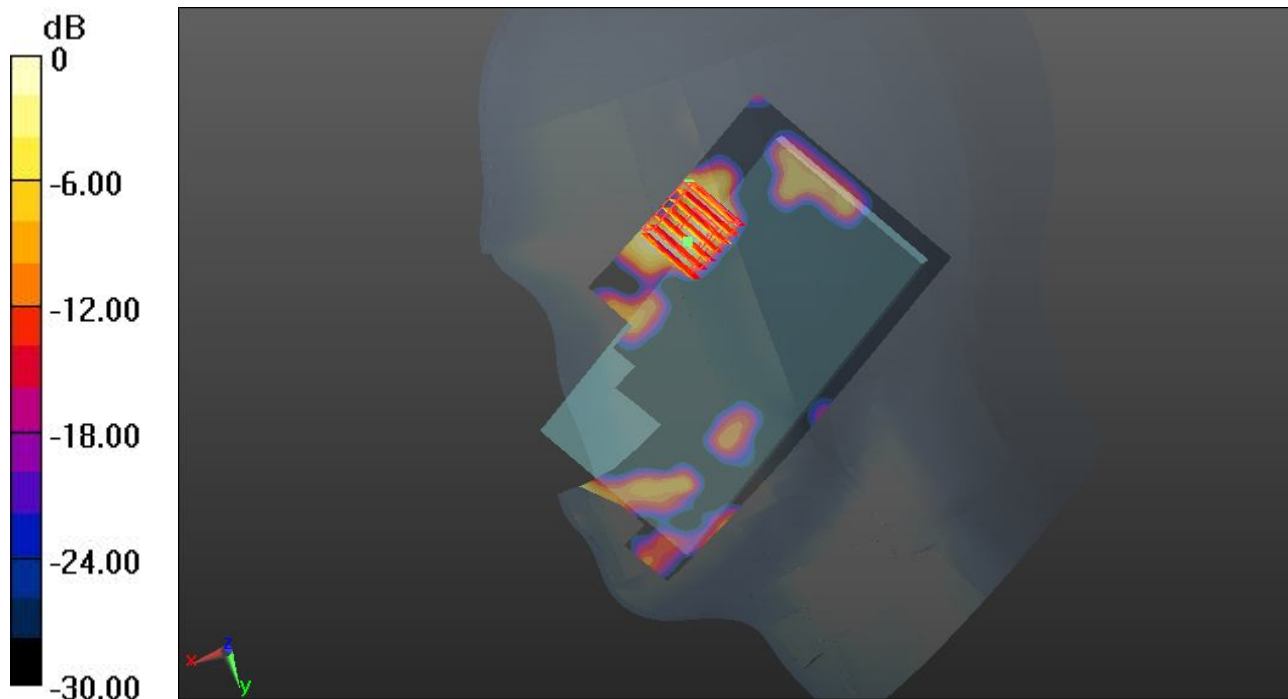
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.917 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.290 mW/g

**SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg

**#253 WLAN 5.5GHz\_802.11a 6Mbps\_Left Cheek\_Ch140\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5800\_130912 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.256$  mho/m;  $\epsilon_r =$

$35.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.509 W/kg

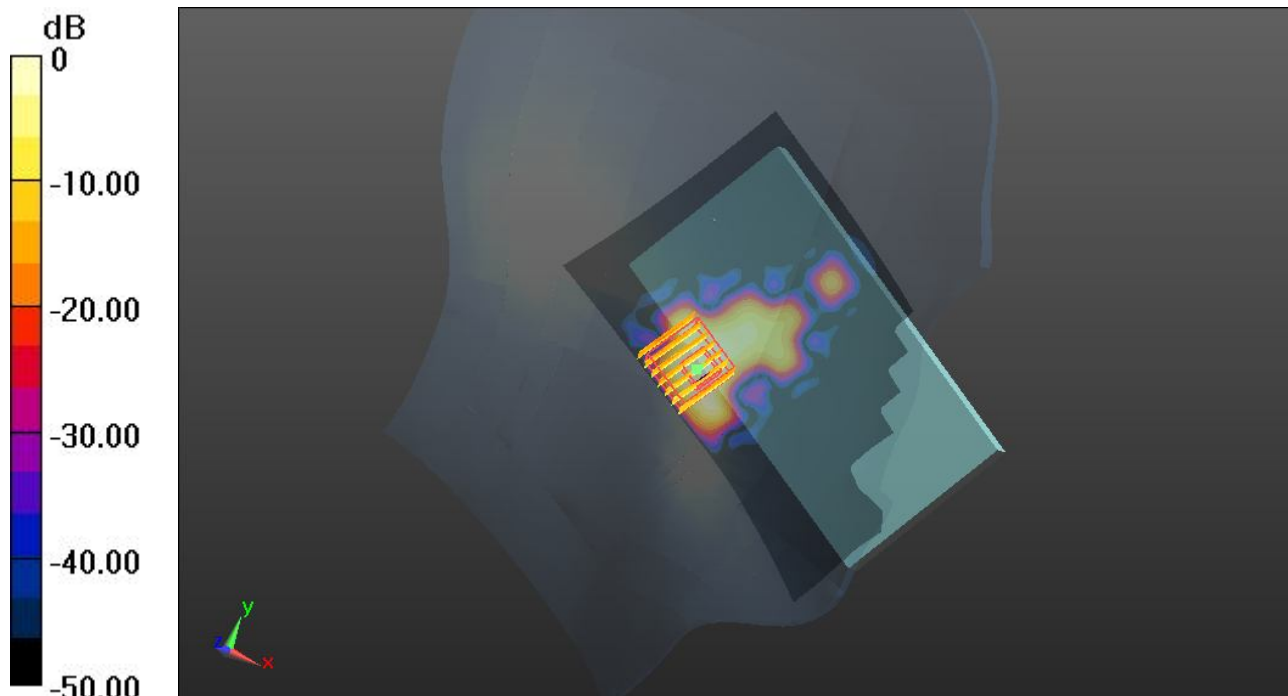
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.255 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.374 mW/g

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.254 W/kg

**#254 WLAN 5.5GHz\_802.11a 6Mbps\_Left Tilted\_Ch140\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5800\_130912 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.256$  mho/m;  $\epsilon_r =$

$35.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.211 W/kg

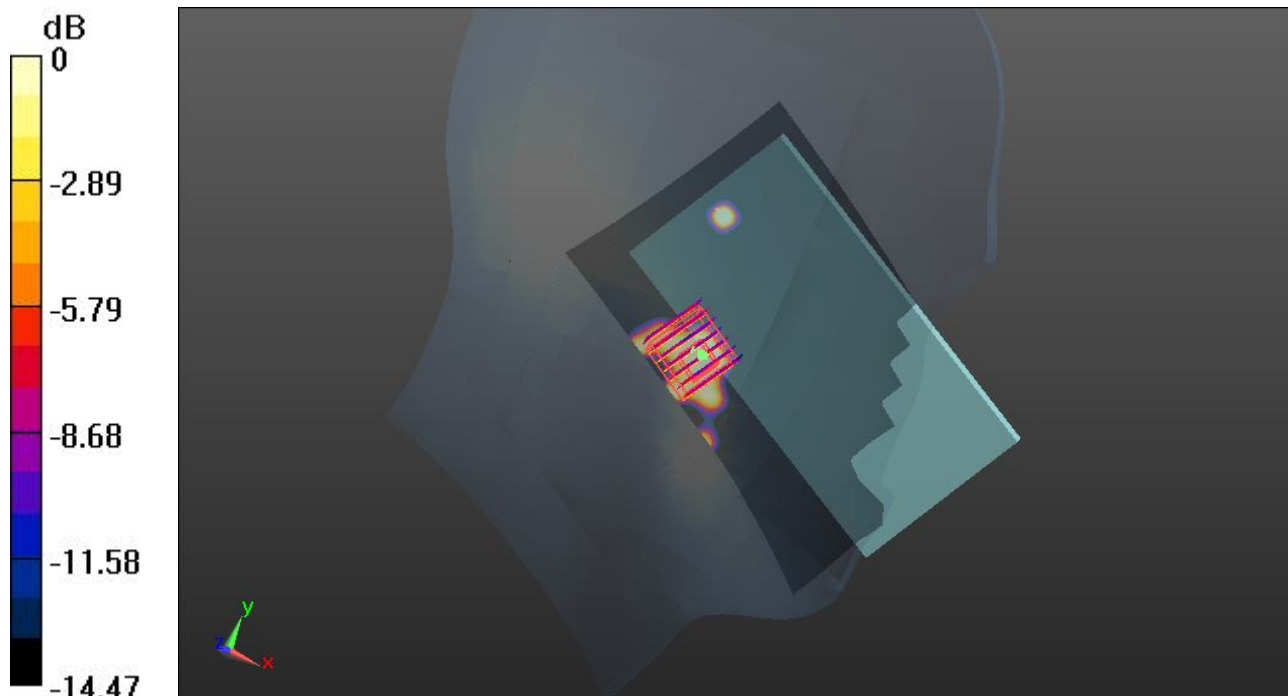
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.207 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.248 mW/g

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0840 W/kg



0 dB = 0.0840 W/kg

**#255 WLAN 5.5GHz\_802.11a 6Mbps\_Right Cheek\_Ch140\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: HSL\_5800\_130912 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.256$  mho/m;  $\epsilon_r =$

$35.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.443 W/kg

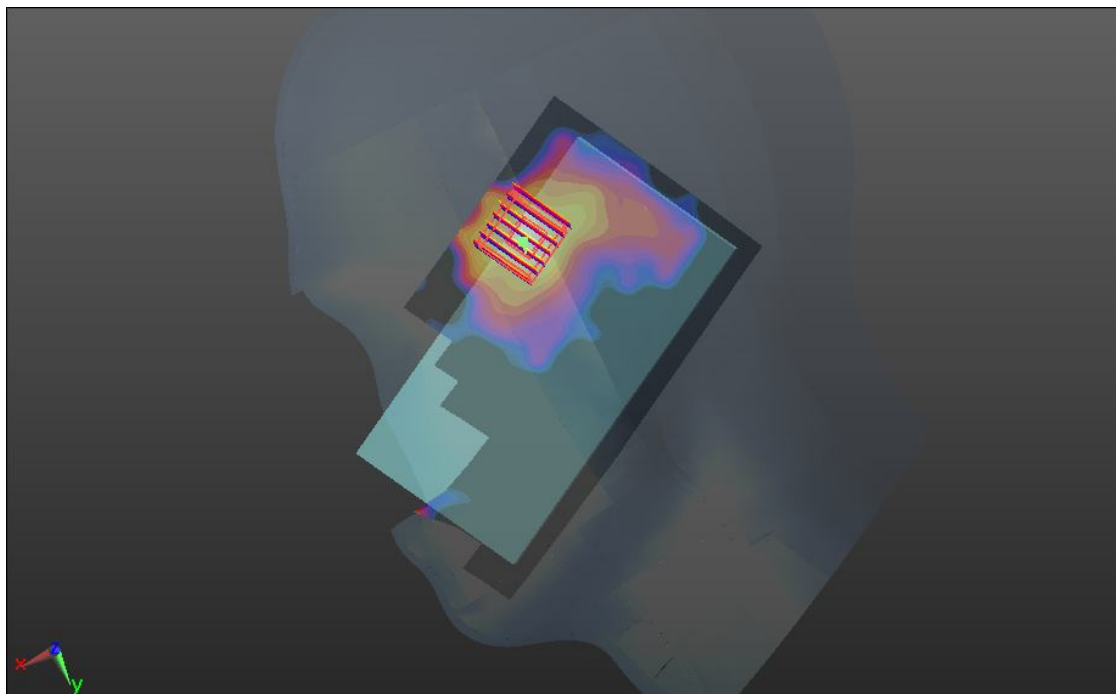
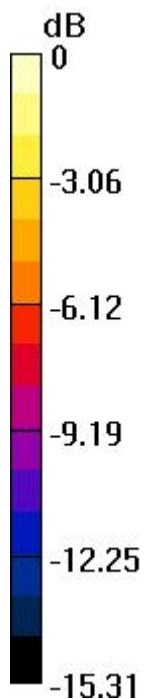
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.910 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.609 mW/g

**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.476 W/kg



0 dB = 0.476 W/kg

**#48 WLAN 5.8GHz\_802.11a 6Mbps\_Right Cheek\_Ch161\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.442$  mho/m;  $\epsilon_r =$

$35.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.649 W/kg

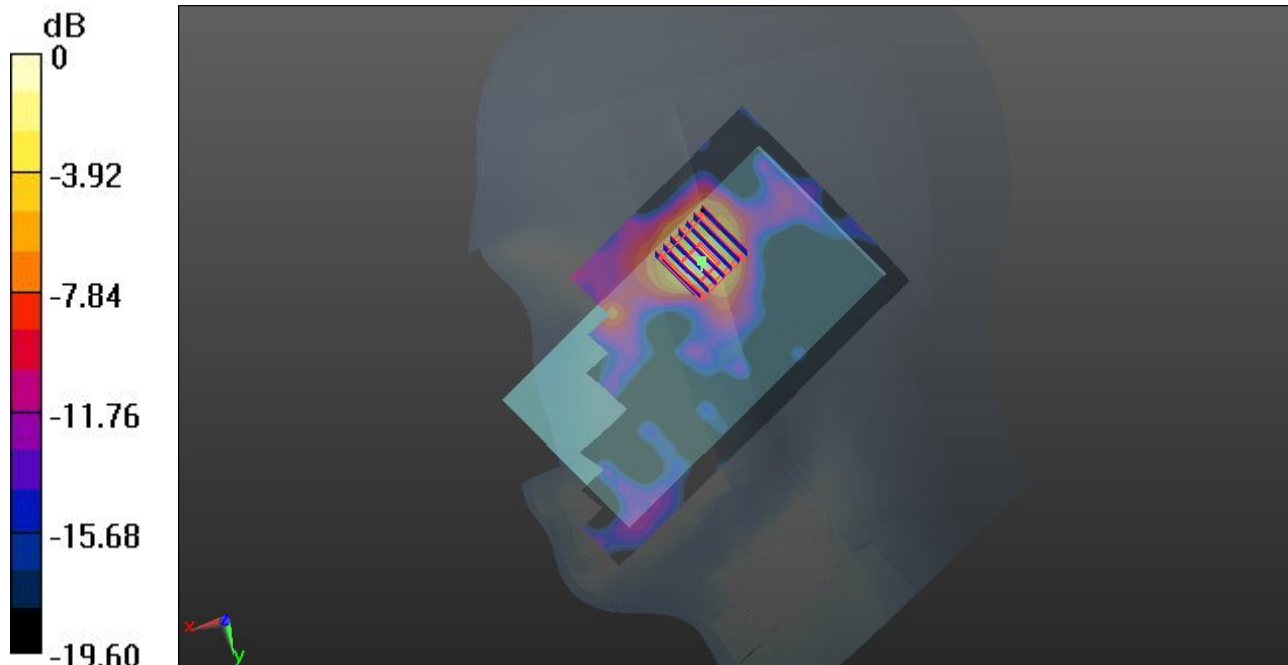
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.680 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.097 mW/g

**SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg

**#49 WLAN 5.8GHz\_802.11a 6Mbps\_Right Tilted\_Ch161\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.442$  mho/m;  $\epsilon_r =$

$35.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.142 W/kg

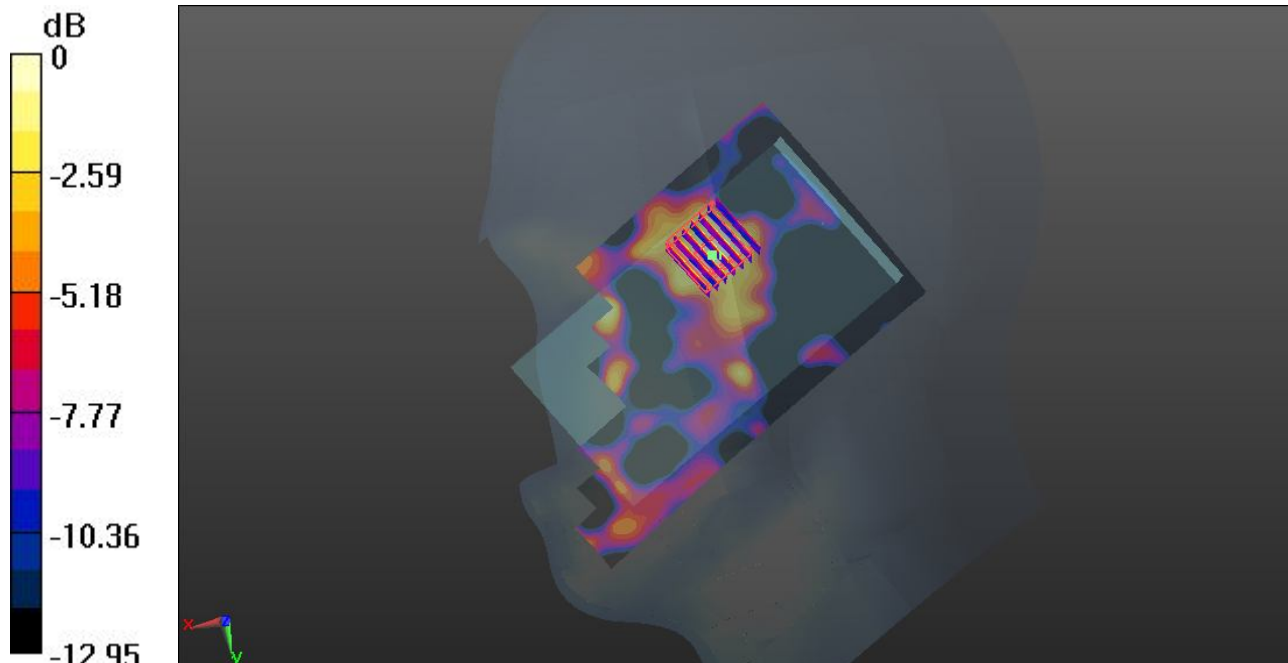
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.555 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.221 mW/g

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg

**#50 WLAN 5.8GHz\_802.11a 6Mbps\_Left Cheek\_Ch161\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.442$  mho/m;  $\epsilon_r =$

$35.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.440 W/kg

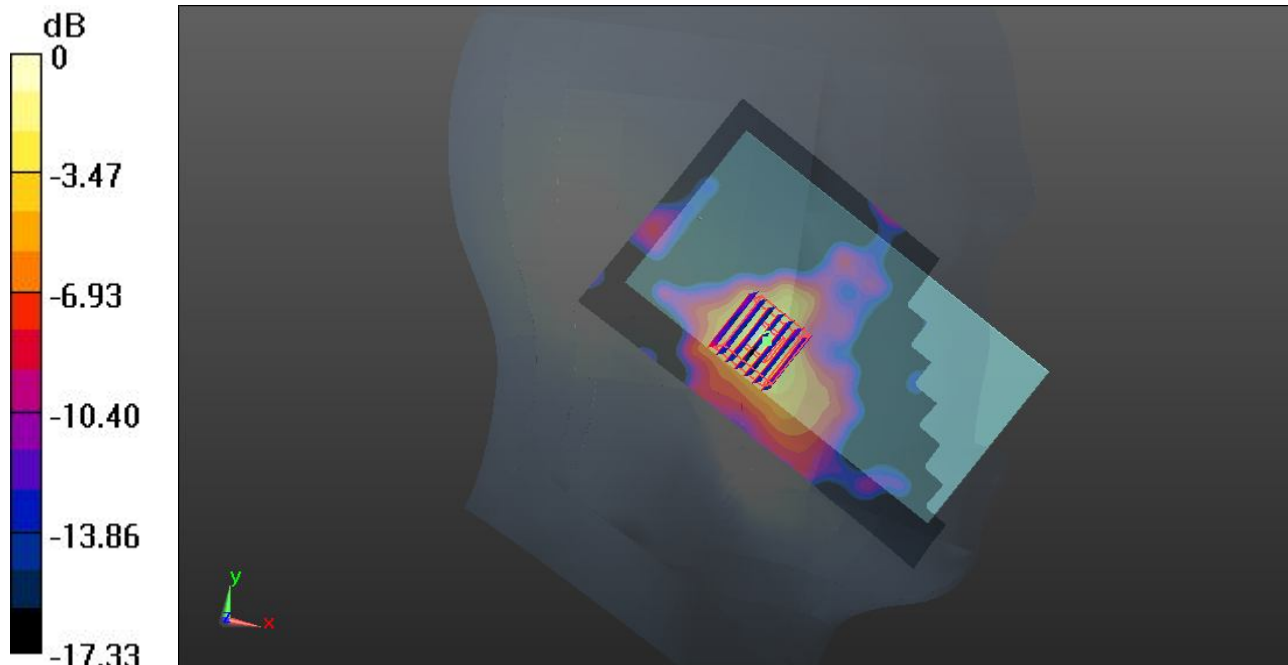
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.696 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.721 mW/g

**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.432 W/kg



0 dB = 0.432 W/kg



### #51 WLAN 5.8GHz\_802.11a 6Mbps\_Left Tilted\_Ch161\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.442$  mho/m;  $\epsilon_r =$

$35.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.100 W/kg

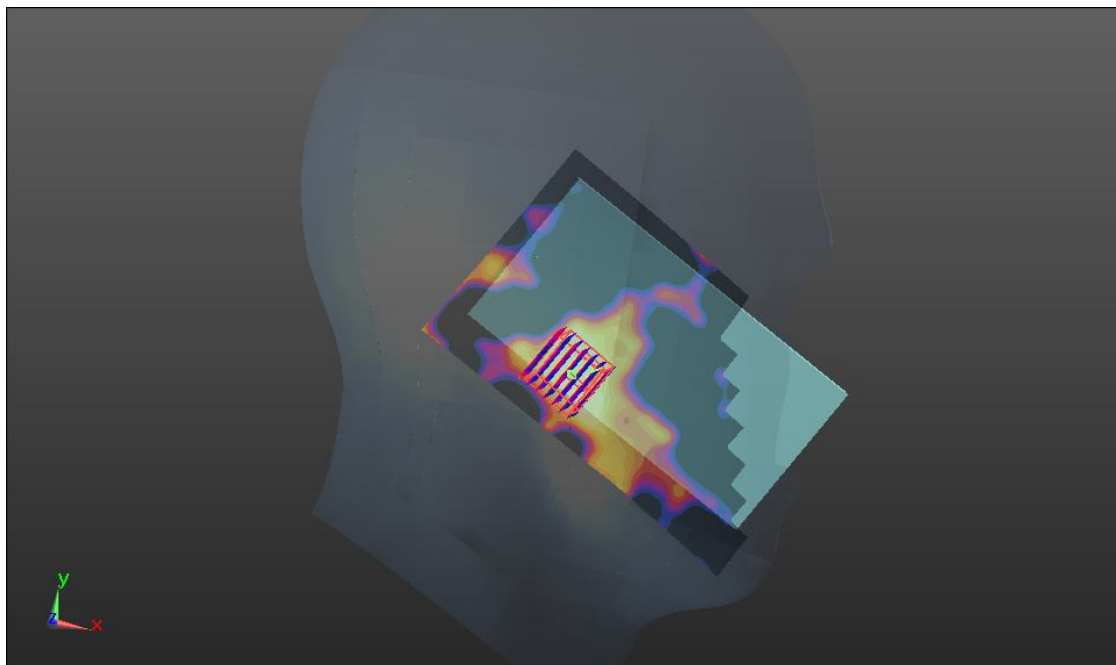
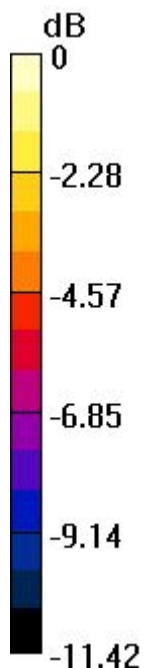
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.583 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.177 mW/g

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg



**#52 WLAN 5.8GHz\_802.11a 6Mbps\_Right Cheek\_Ch161\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: HSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 5.442$  mho/m;  $\epsilon_r =$

$35.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.57, 4.57, 4.57); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.572 W/kg

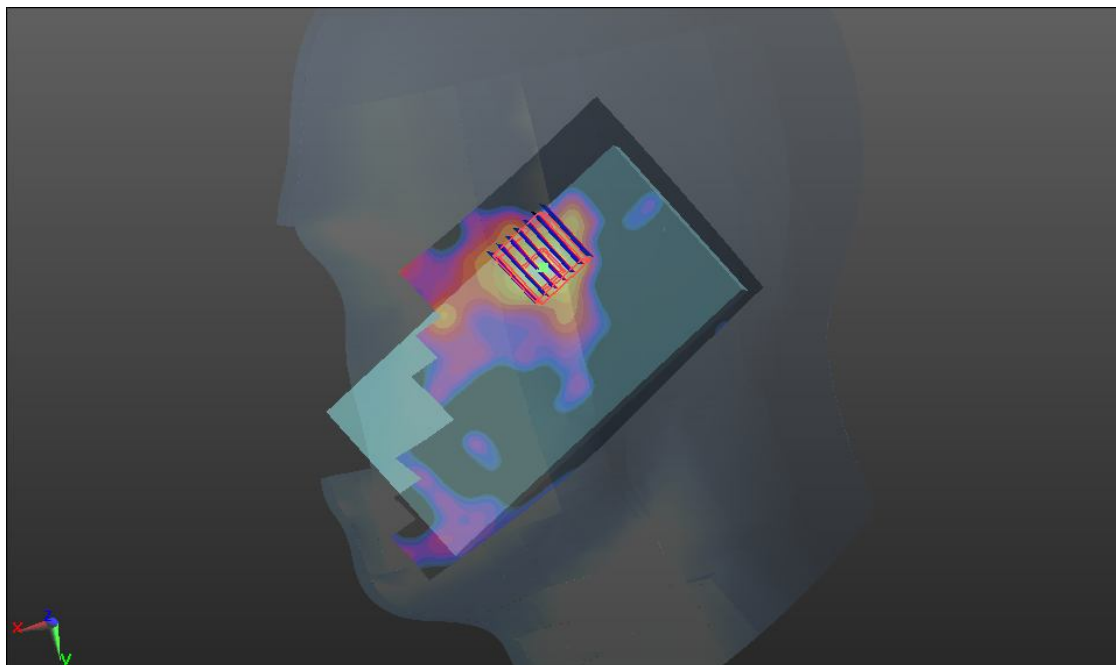
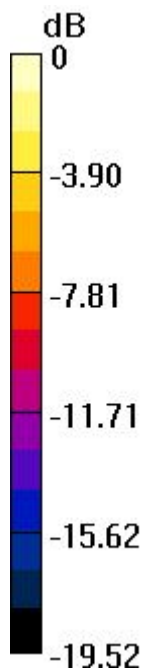
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.440 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.061 mW/g

**SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg

**#27 GSM1900\_DTM 5 (2 Tx slots)\_Front\_1cm\_Ch661\_Battery #1**

**DUT: 340403-01**

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
 Medium: MSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 W/kg

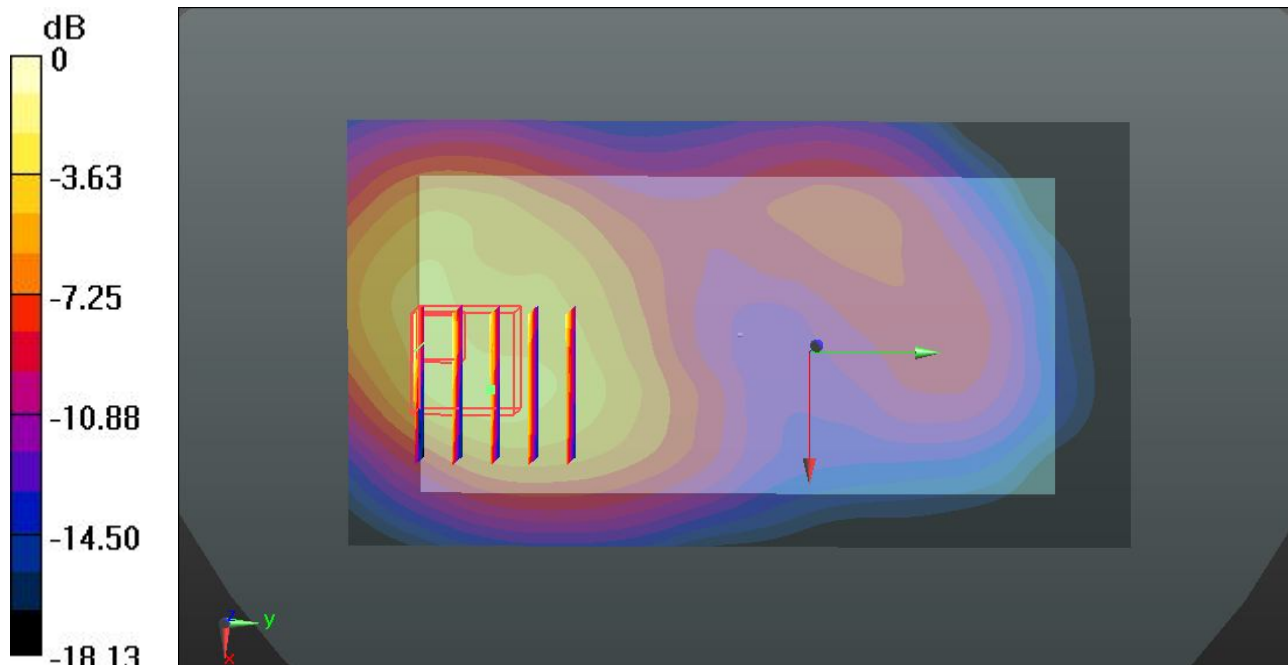
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.214 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.653 mW/g

**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.470 W/kg

**#28 GSM1900\_DTM 5 (2 Tx slots)\_Back\_1cm\_Ch661\_Battery #1**

**DUT: 340403-01**

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
 Medium: MSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.684 W/kg

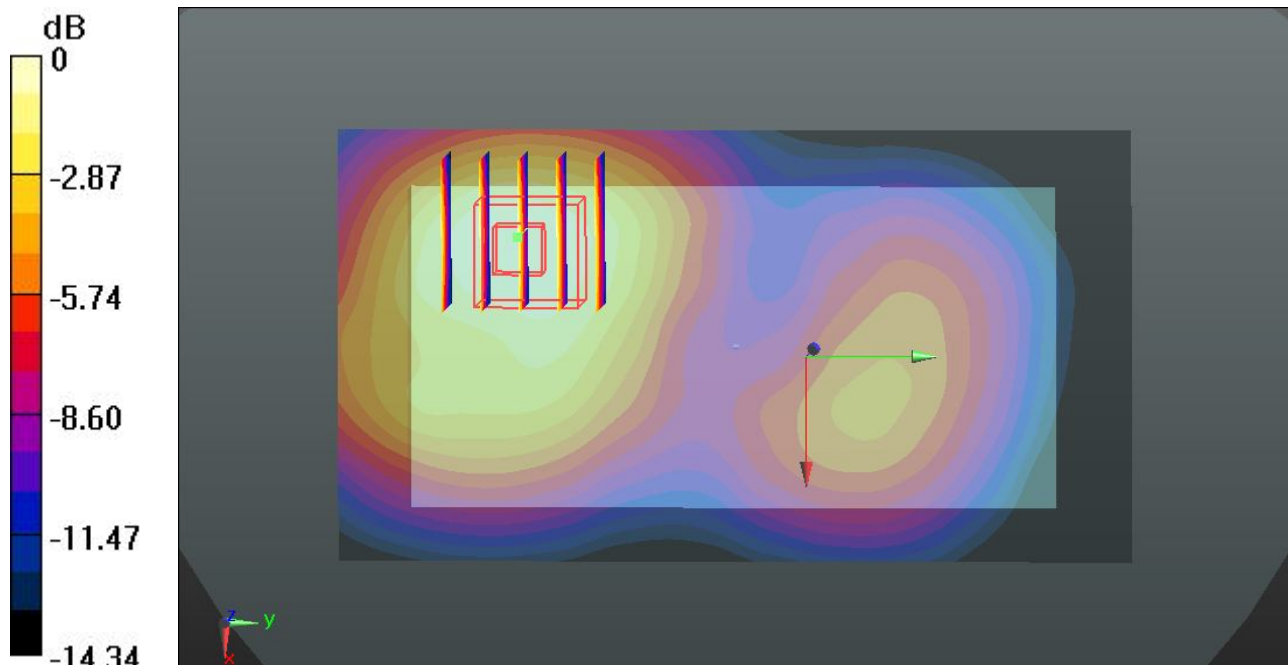
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.254 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.821 mW/g

**SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.329 mW/g**

Maximum value of SAR (measured) = 0.674 W/kg



0 dB = 0.674 W/kg

**#29 GSM1900\_DTM 5 (2 Tx slots)\_Left Side\_1cm\_Ch661\_Battery #1**

**DUT: 340403-01**

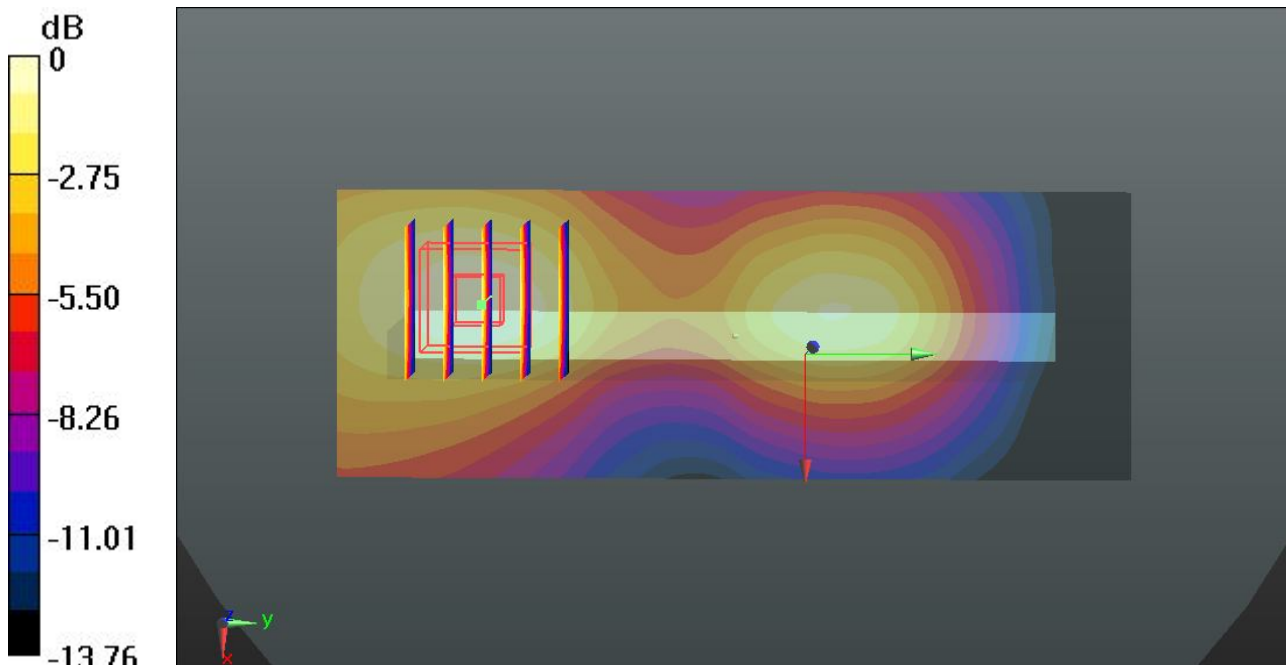
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.181 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.716 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.219 mW/g  
**SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.086 mW/g**  
Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg

### #30 GSM1900\_DTM 5 (2 Tx slots)\_Right Side\_1cm\_Ch661\_Battery #1

**DUT: 340403-01**

Communication System: GPRS/EDGE10; Frequency: 1880 MHz;Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

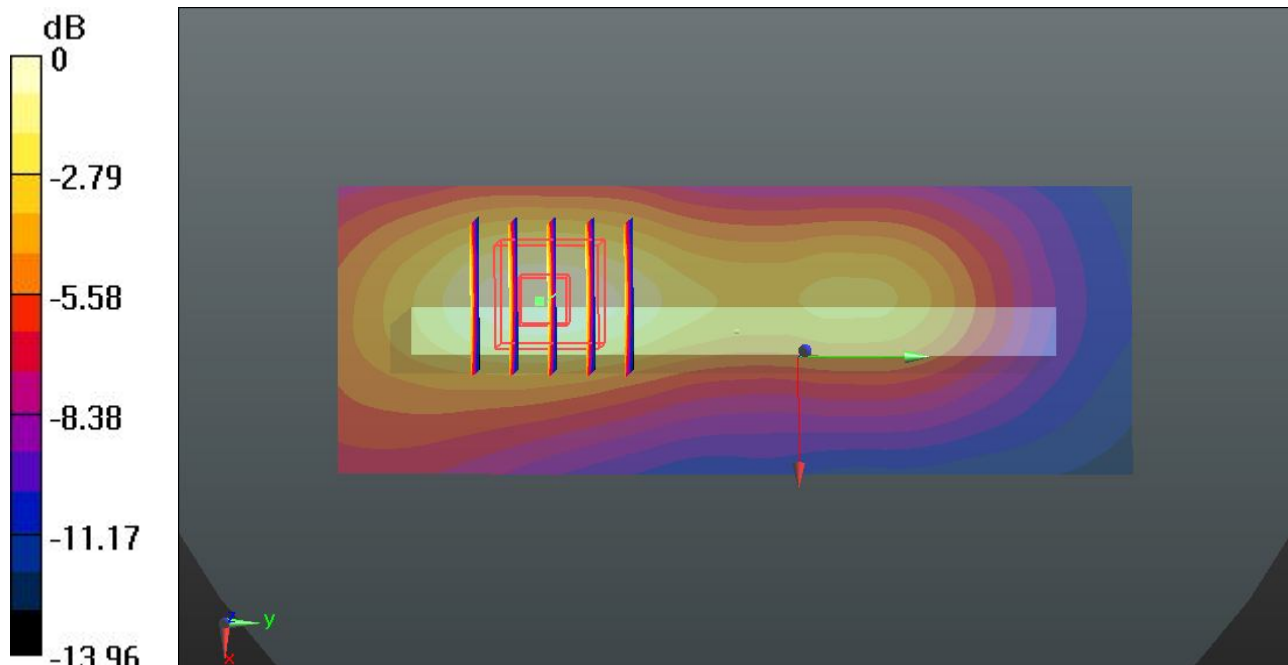
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.285 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.258 mW/g

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.096 mW/g**

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



0 dB = 0.214 W/kg

**#31 GSM1900\_DTM 5 (2 Tx slots)\_Bottom Side\_1cm\_Ch661\_Battery #1**

**DUT: 340403-01**

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium: MSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.558 W/kg

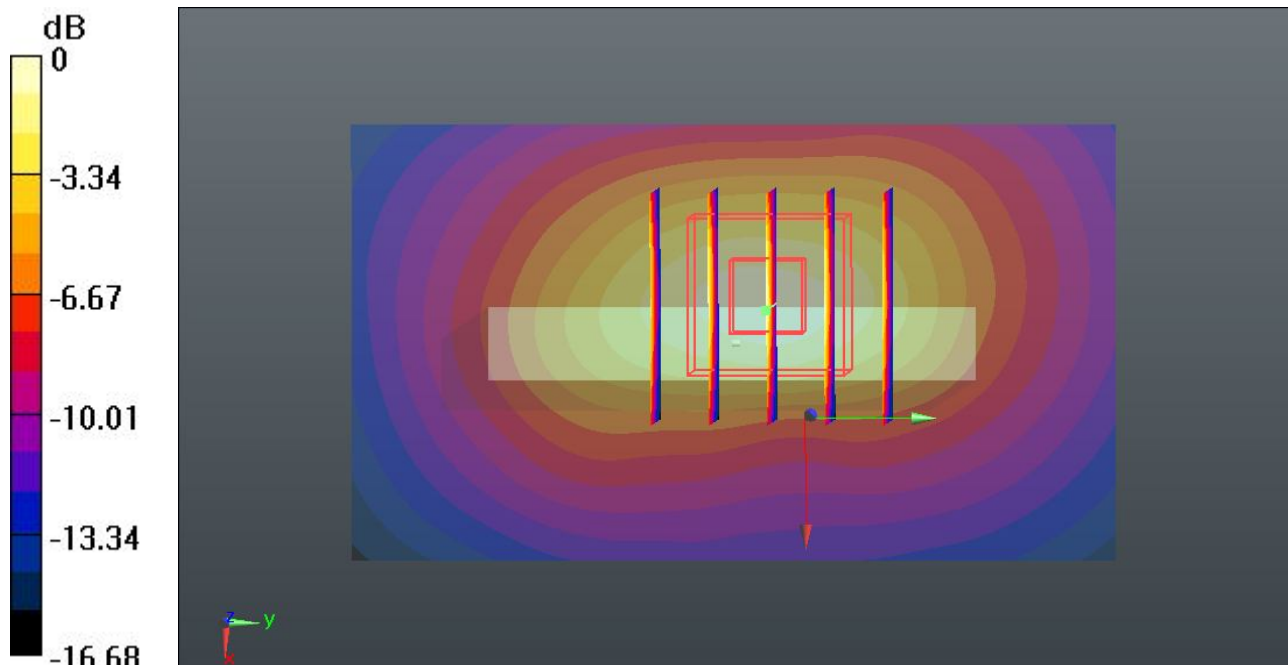
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.966 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.736 mW/g

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.236 mW/g**

Maximum value of SAR (measured) = 0.601 W/kg



0 dB = 0.601 W/kg

**#32 GSM1900\_DTM 5 (2 Tx slots)\_Back\_1cm\_Ch661\_Battery #2**

**DUT: 340403-01**

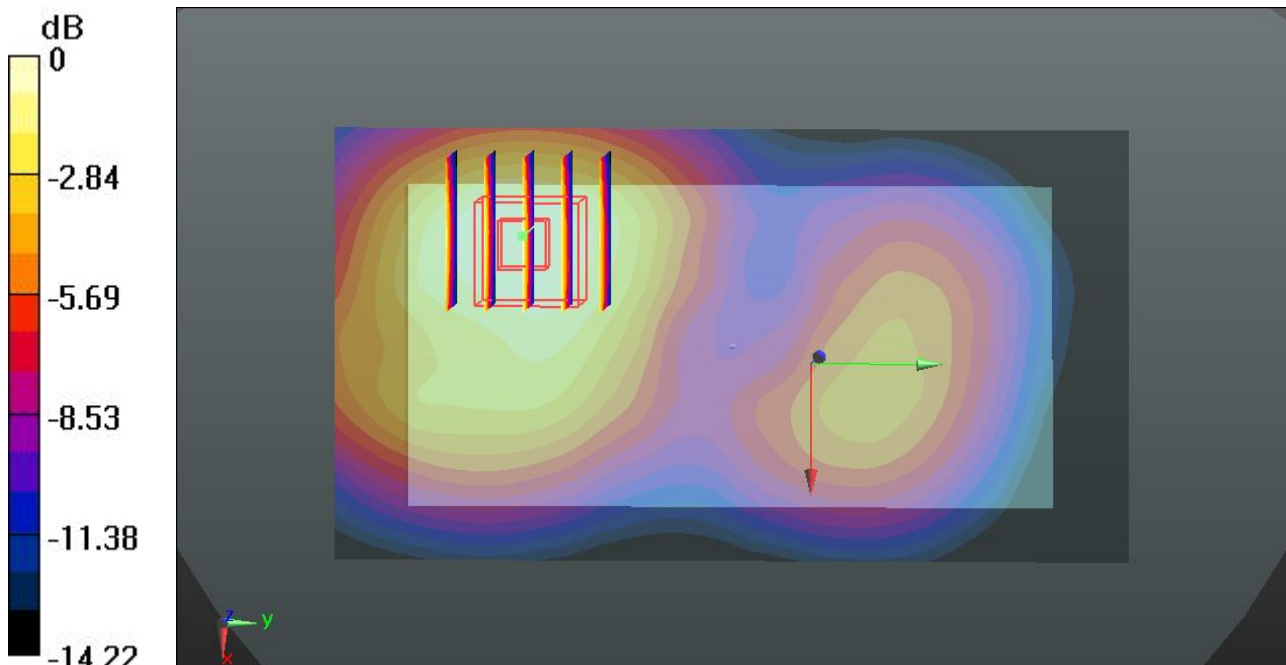
Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
 Medium: MSL\_1900\_130816 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 53.955$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.608 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 2.128 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 0.724 mW/g  
**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.291 mW/g**  
 Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.600 W/kg



**#201 LTE Band 7\_QPSK 1RB 0offset\_Front\_1cm\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.417 W/kg

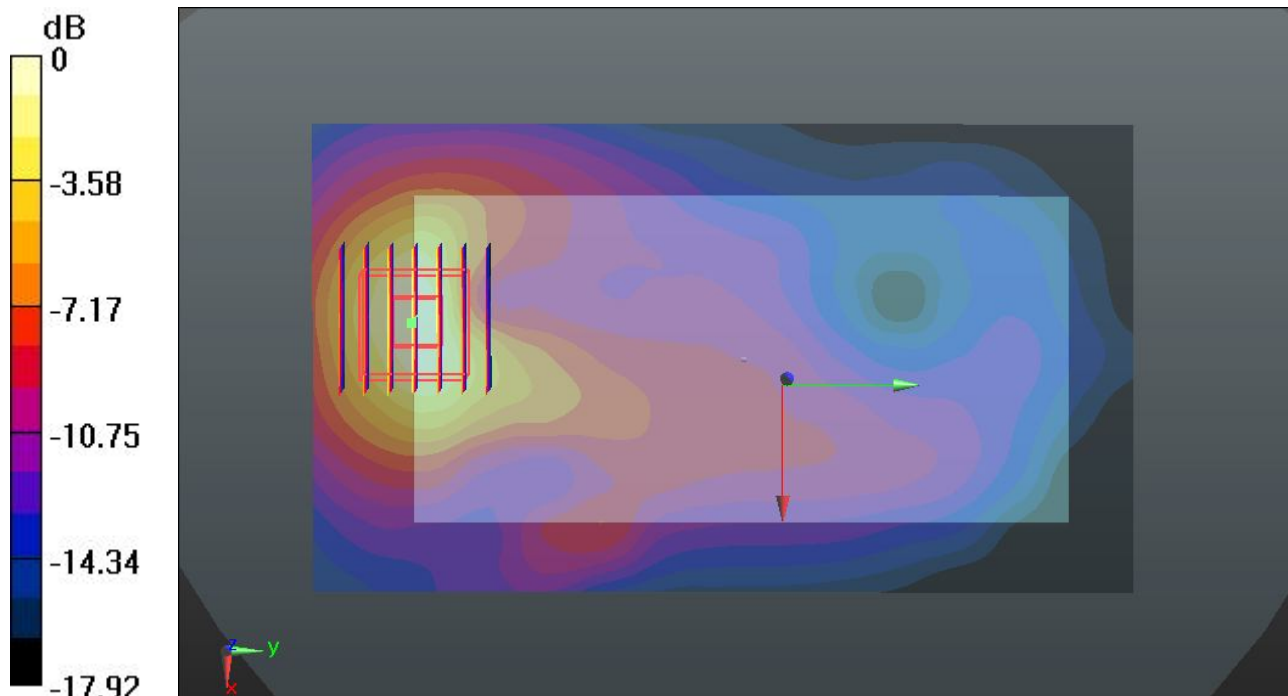
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.609 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.548 mW/g

**SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg

**#202 LTE Band 7\_QPSK 1RB 0offset\_Back\_1cm\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

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

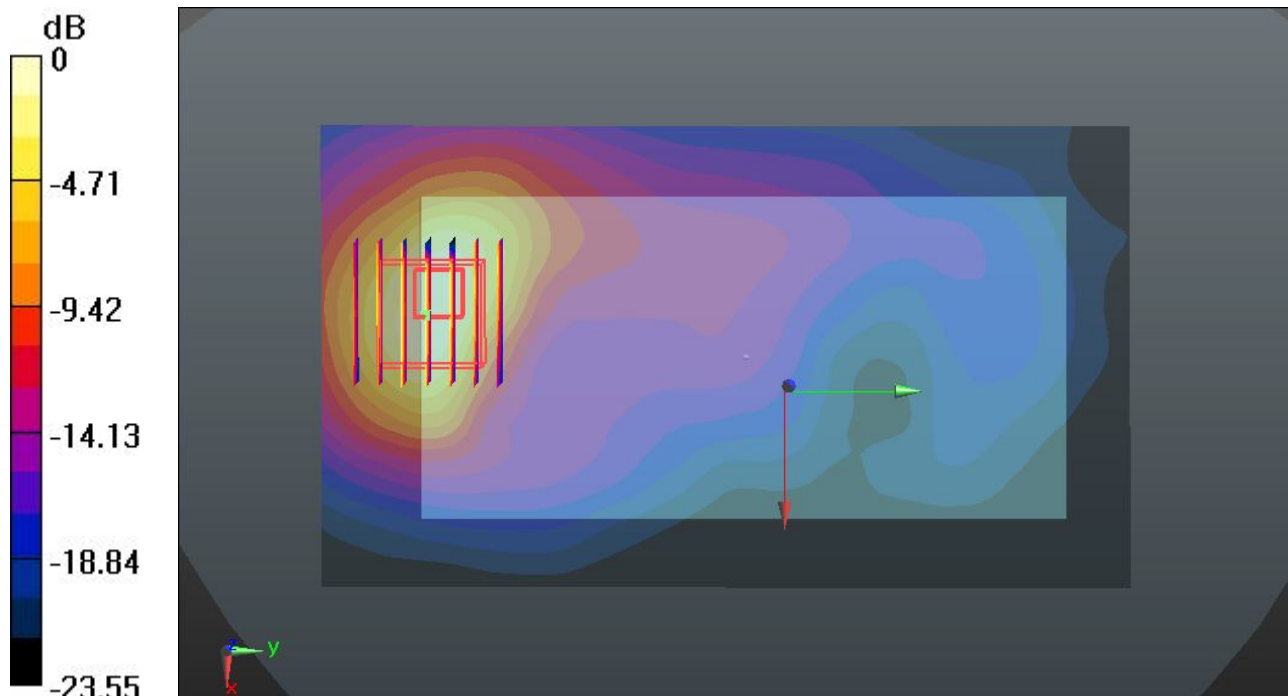
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.678 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.186 mW/g

**SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.438 mW/g**

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



0 dB = 1.30 W/kg

**#207 LTE Band 7\_QPSK 1RB 0offset\_Back\_1cm\_Ch21020\_Battery #1\_Repeat SAR**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.53 W/kg

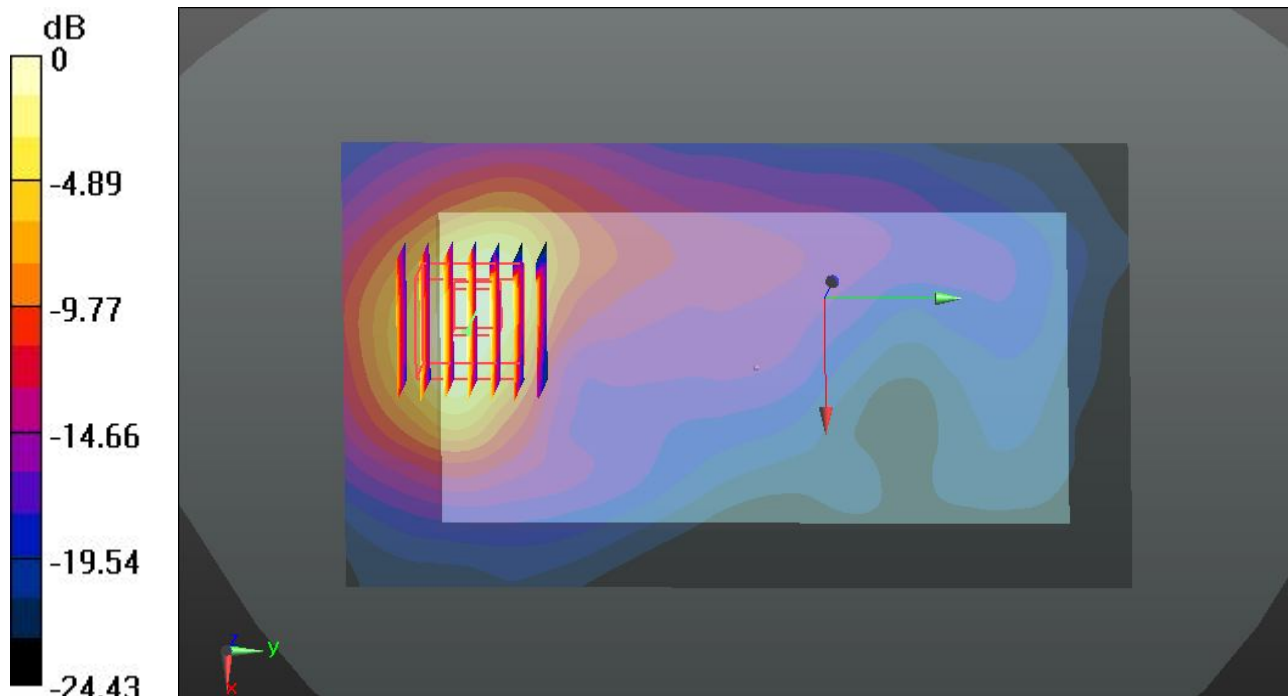
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.714 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.402 mW/g

**SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.50 W/kg

**#203 LTE Band 7\_QPSK 1RB 0offset\_Left Side\_1cm\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0631 W/kg

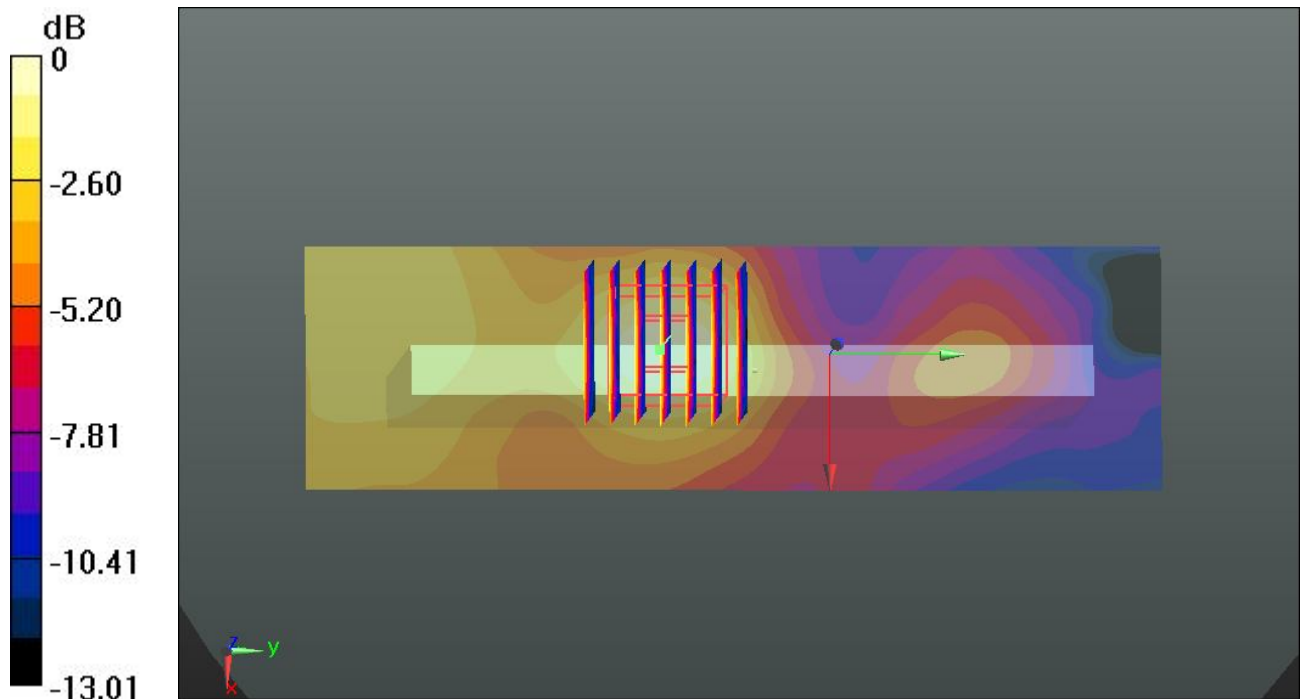
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.677 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.083 mW/g

**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.0637 W/kg



0 dB = 0.0637 W/kg

**#204 LTE Band 7\_QPSK 1RB 0offset\_Right Side\_1cm\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0931 W/kg

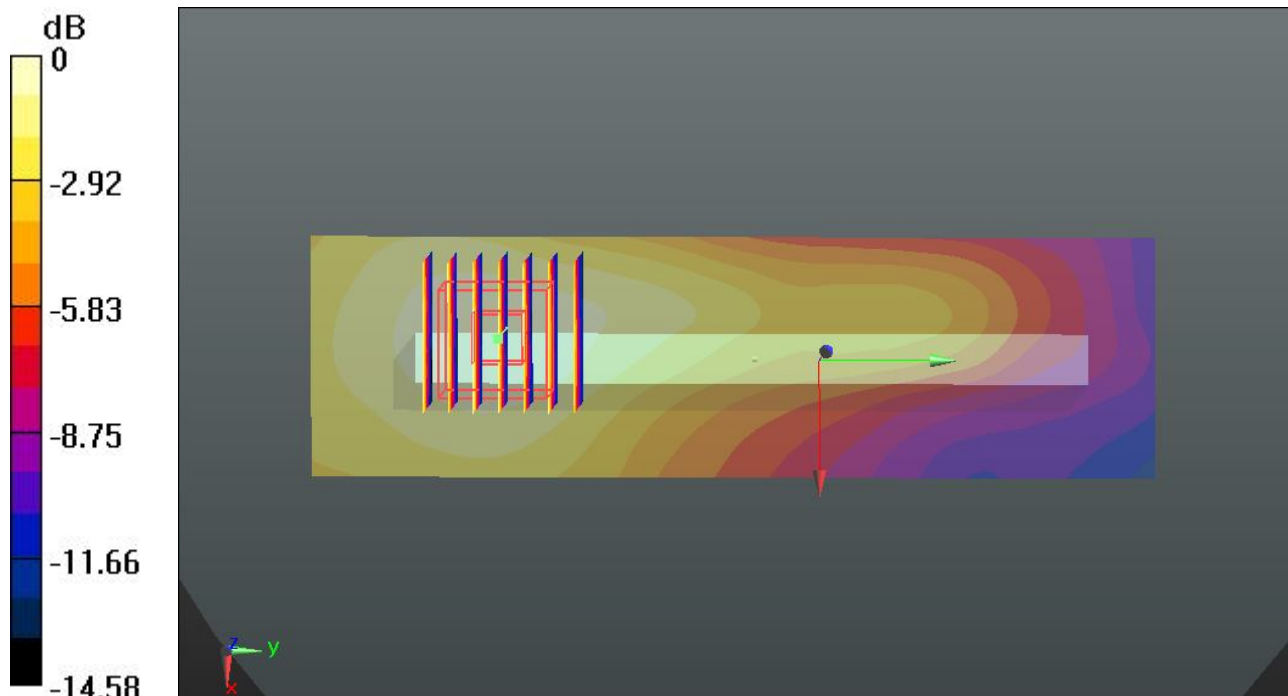
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.839 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.121 mW/g

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.0929 W/kg



0 dB = 0.0929 W/kg

**#205 LTE Band 7\_QPSK 1RB 0offset\_Bottom Side\_1cm\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (41x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.11 W/kg

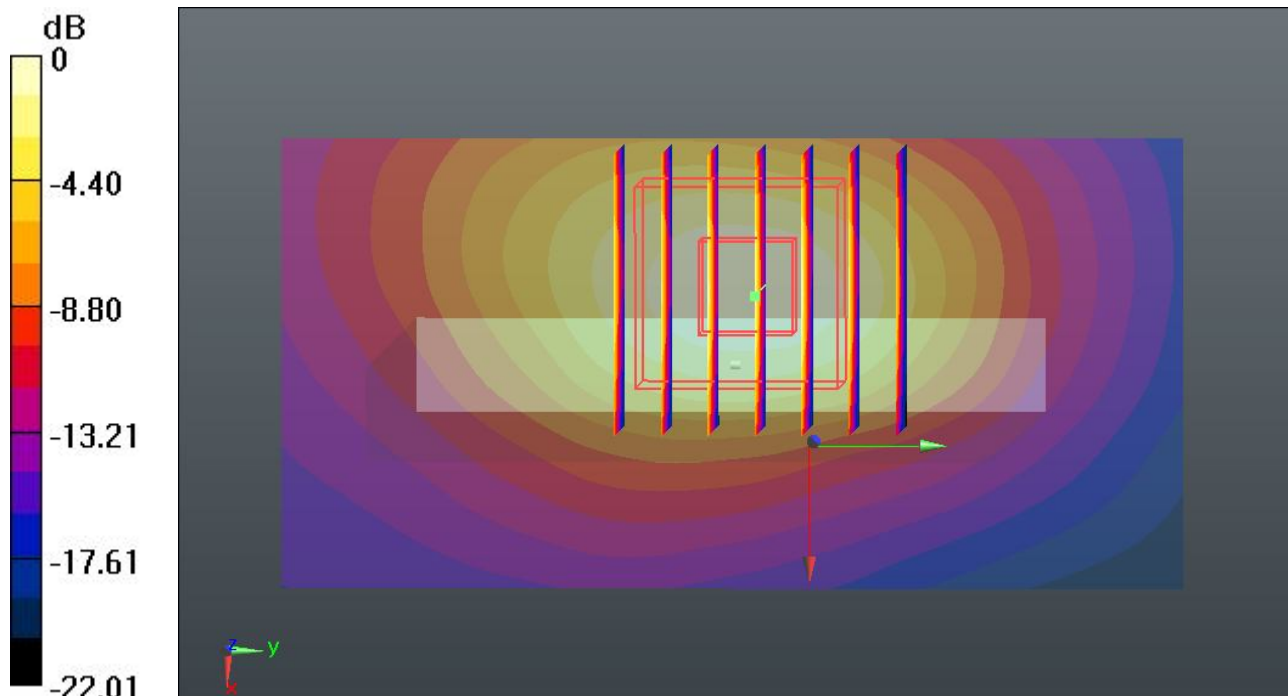
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.180 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.513 mW/g

**SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.353 mW/g**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

**#206 LTE Band 7\_QPSK 1RB 0offset\_Back\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.49 W/kg

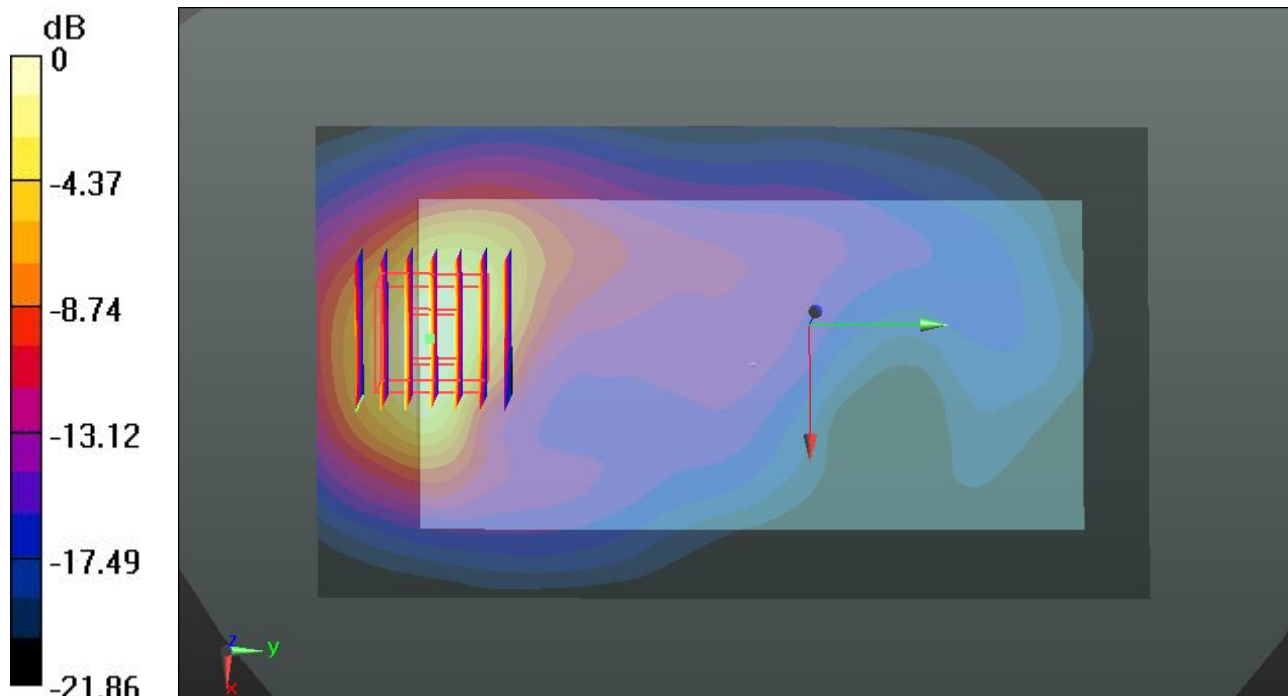
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.837 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.855 mW/g

**SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.449 mW/g**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg



**#208 LTE Band 7\_QPSK 1RB 0offset\_Bottom Side\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (41x81x1):** Interpolated grid: dx=12mm, dy=12mm

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

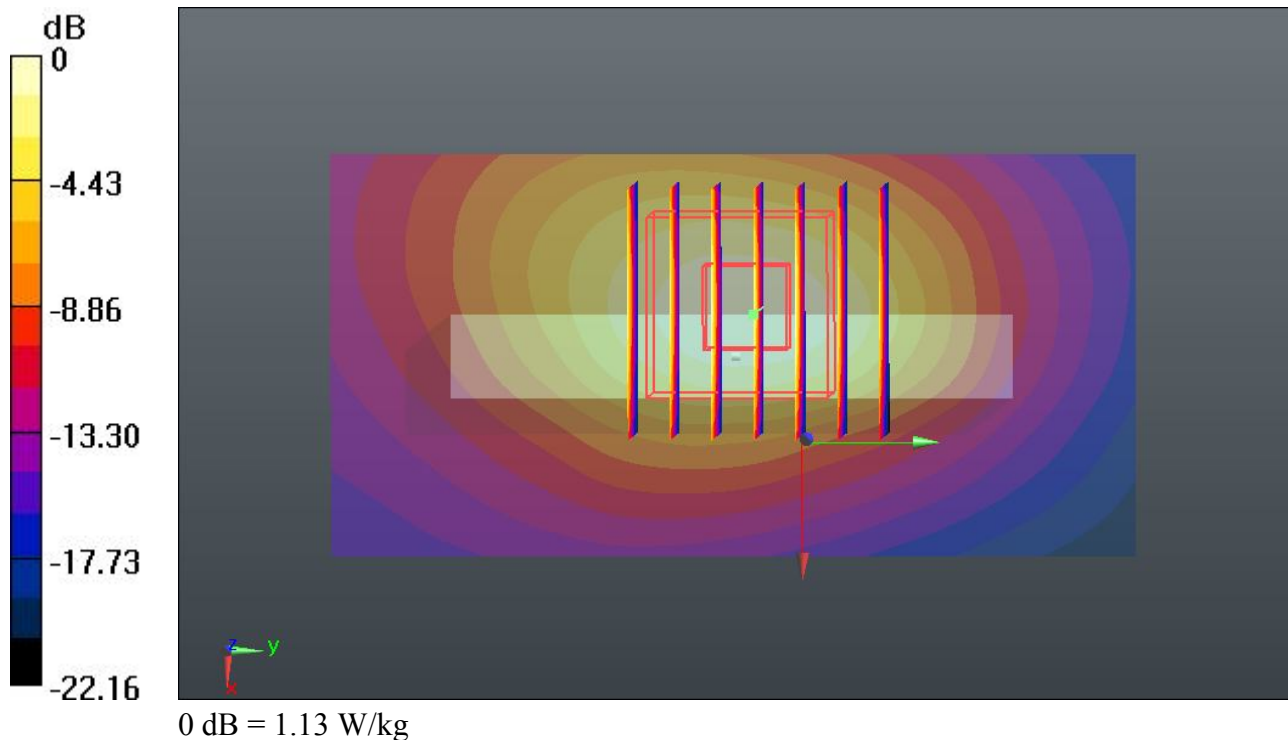
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.964 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.520 mW/g

**SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 1.13 W/kg



**#209 LTE Band 7\_QPSK 1RB 0offset\_Back\_1cm\_Ch21020\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.64 W/kg

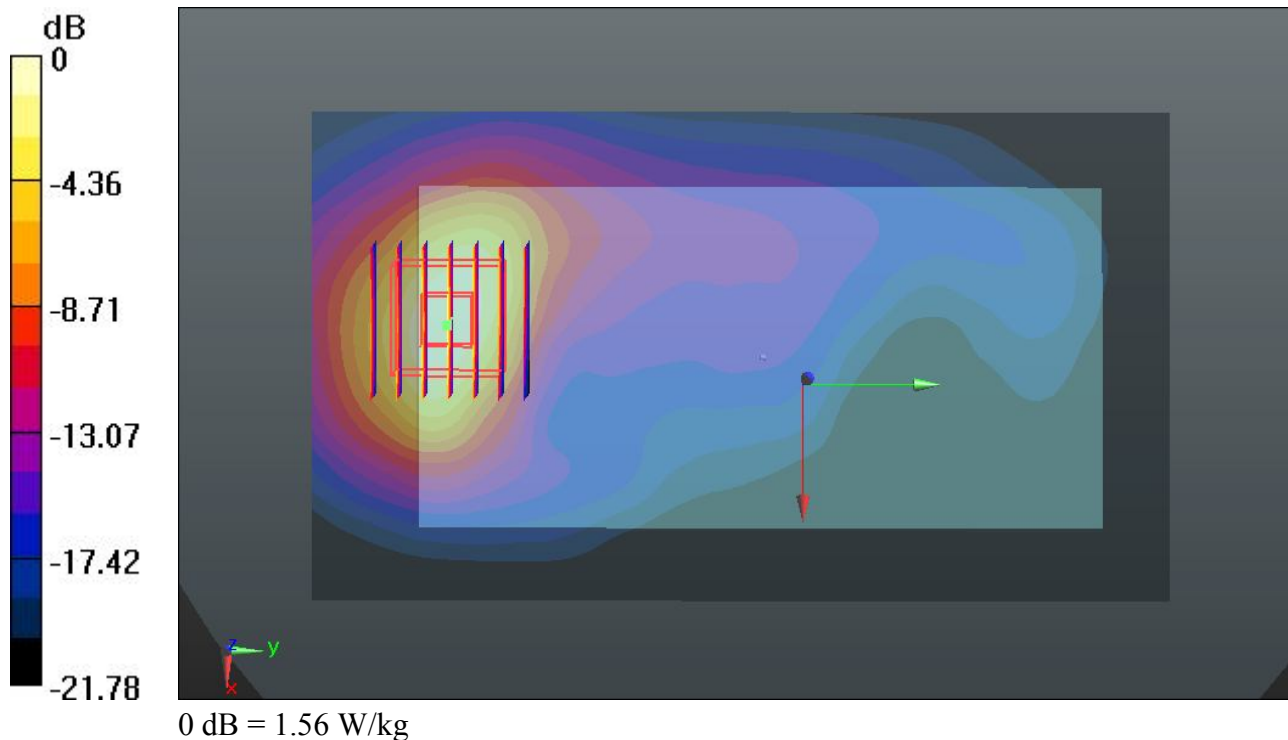
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.755 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.048 mW/g

**SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.503 mW/g**

Maximum value of SAR (measured) = 1.56 W/kg



**#224 LTE Band 7\_QPSK 1RB 0offset\_Back\_1cm\_Ch20890\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.5$  °C ; Liquid Temperature :  $22.8$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 2.05 W/kg

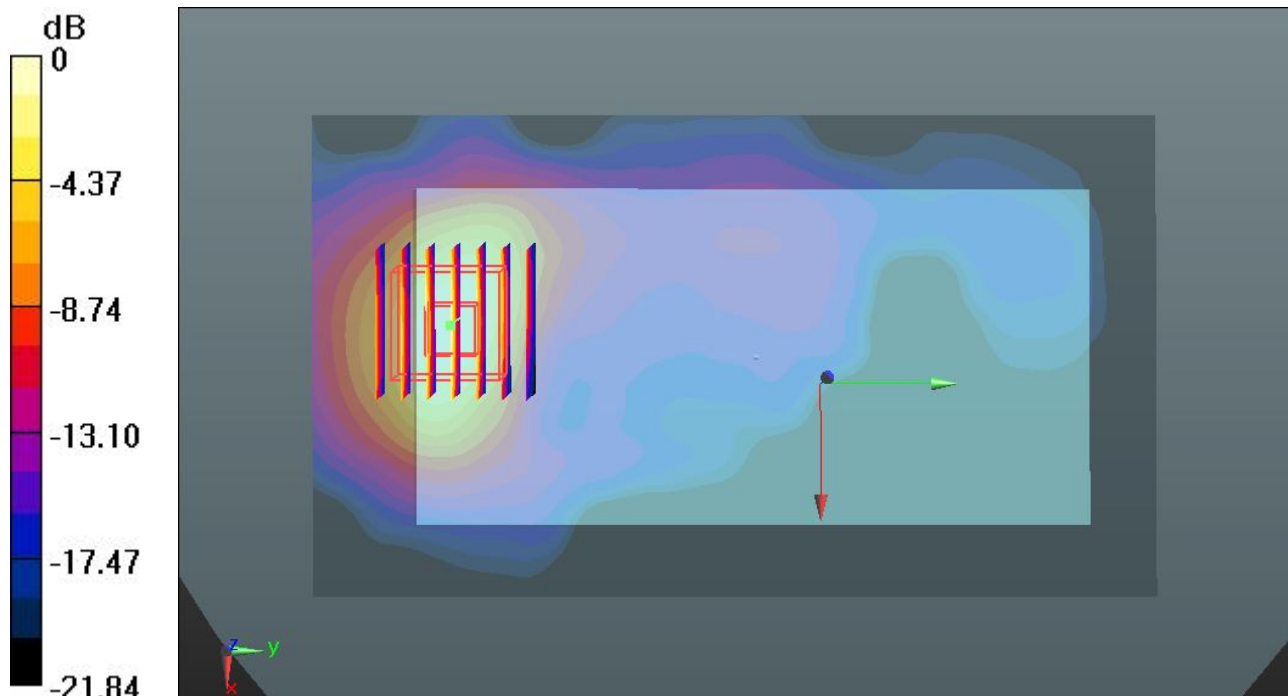
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.995 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.943 mW/g

**SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.462 mW/g**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

**#210 LTE Band 7\_QPSK 50RB 0offset\_Front\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.247 W/kg

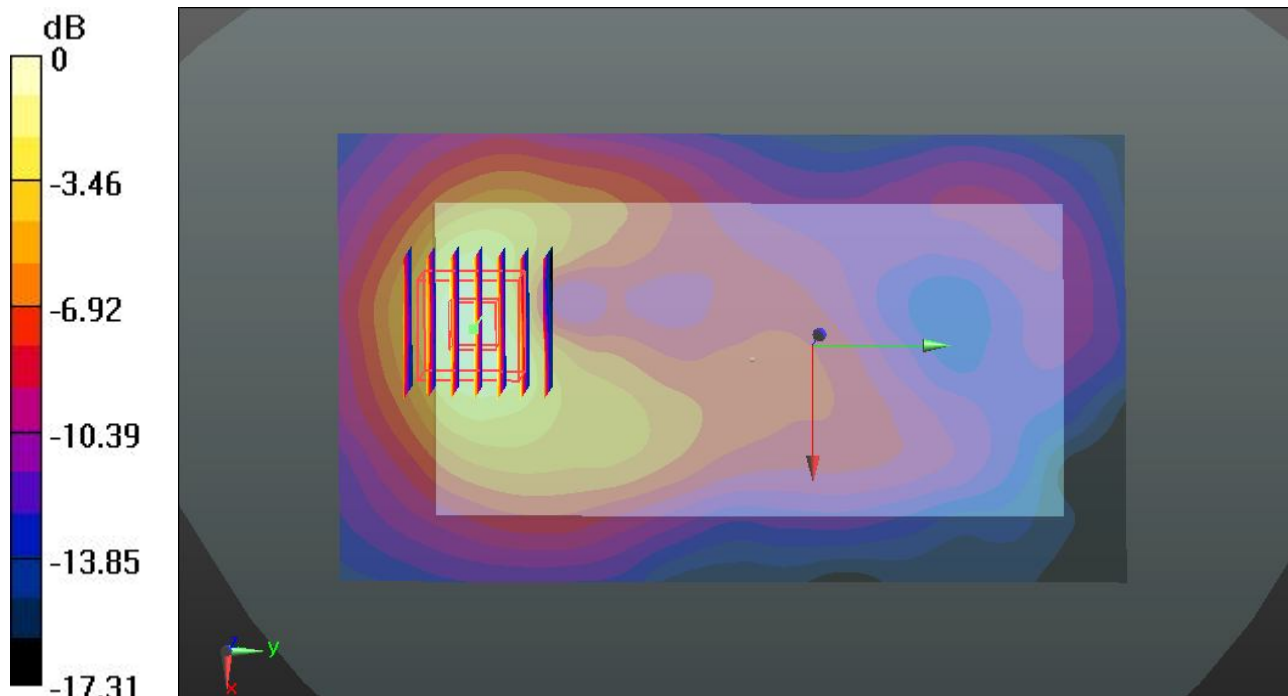
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.836 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.332 mW/g

**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.252 W/kg

**#211 LTE Band 7\_QPSK 50RB 0offset\_Back\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.39 W/kg

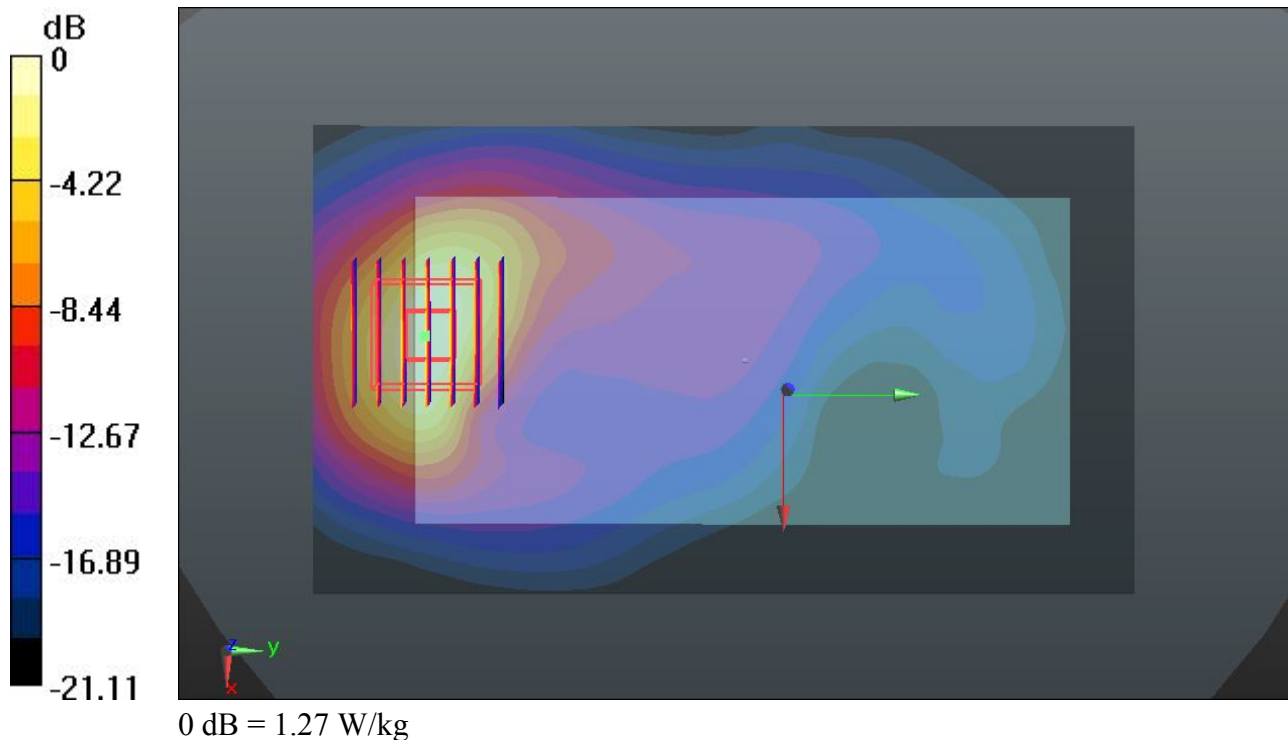
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.650 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.694 mW/g

**SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.414 mW/g**

Maximum value of SAR (measured) = 1.27 W/kg



**#212 LTE Band 7\_QPSK 50RB 0offset\_Left Side\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0524 W/kg

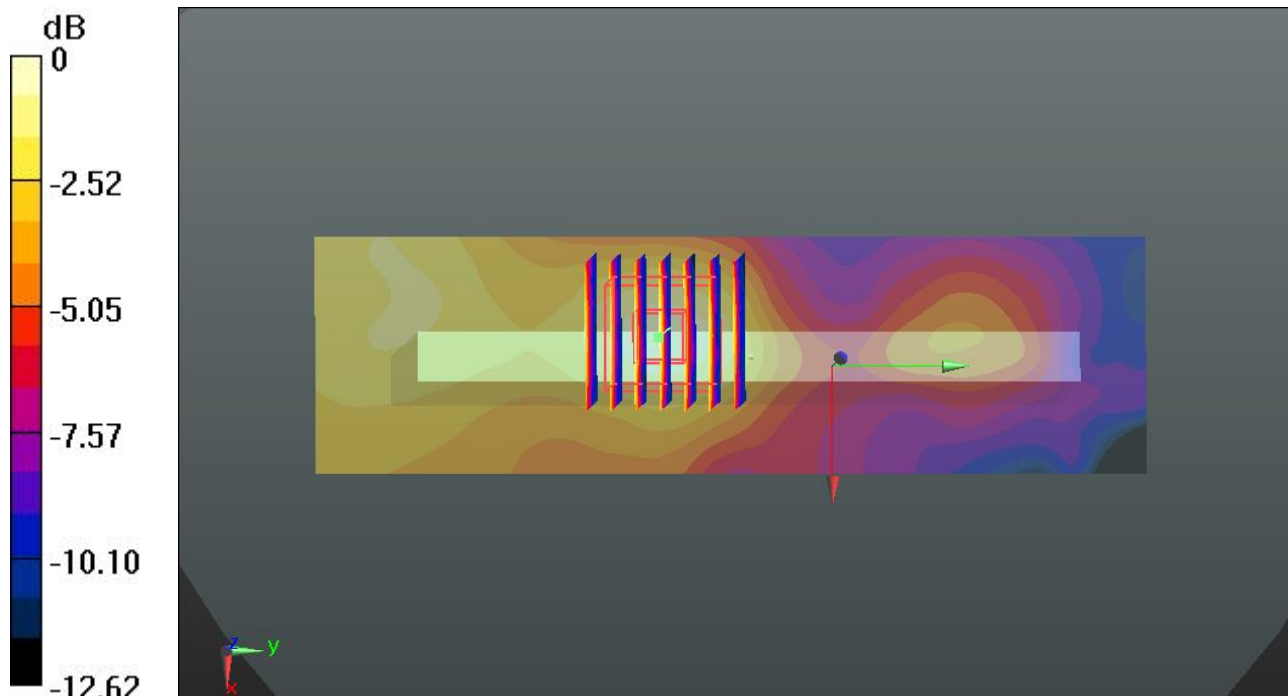
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.640 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.071 mW/g

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.0545 W/kg



0 dB = 0.0545 W/kg

**#213 LTE Band 7\_QPSK 50RB 0offset\_Right Side\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0863 W/kg

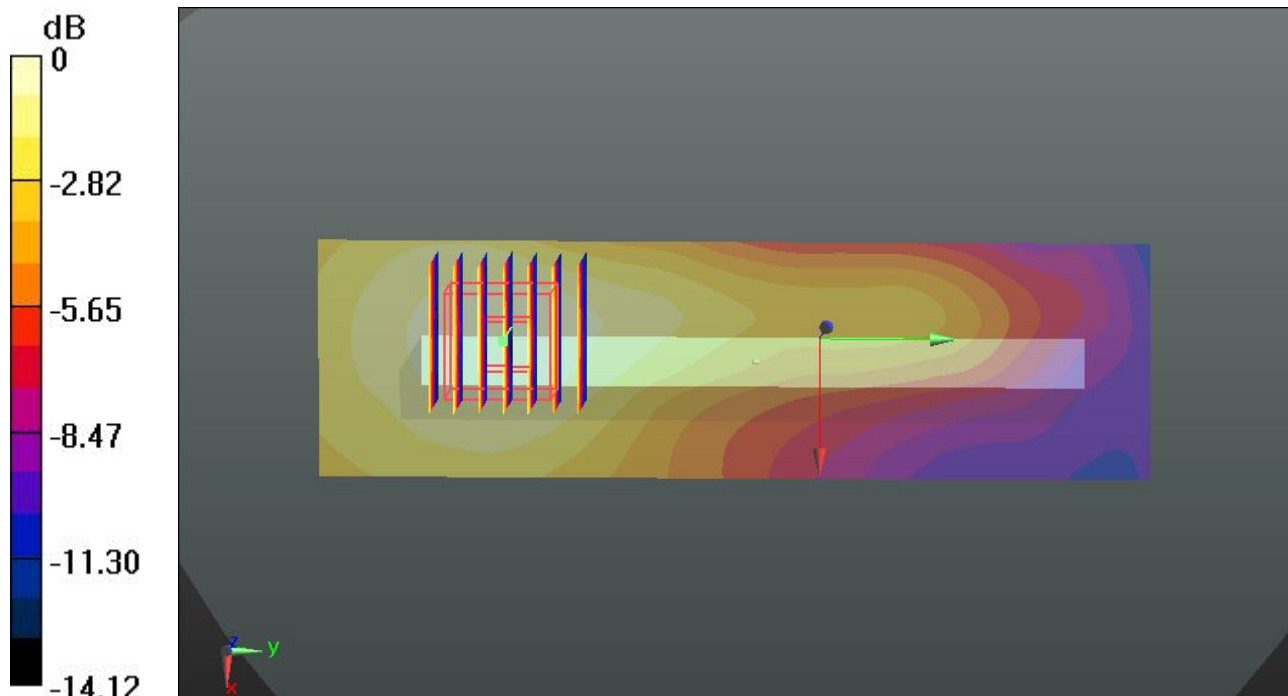
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.001 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.115 mW/g

**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.0865 W/kg



0 dB = 0.0865 W/kg



**#214 LTE Band 7\_QPSK 50RB 0offset\_Bottom Side\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (41x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.947 W/kg

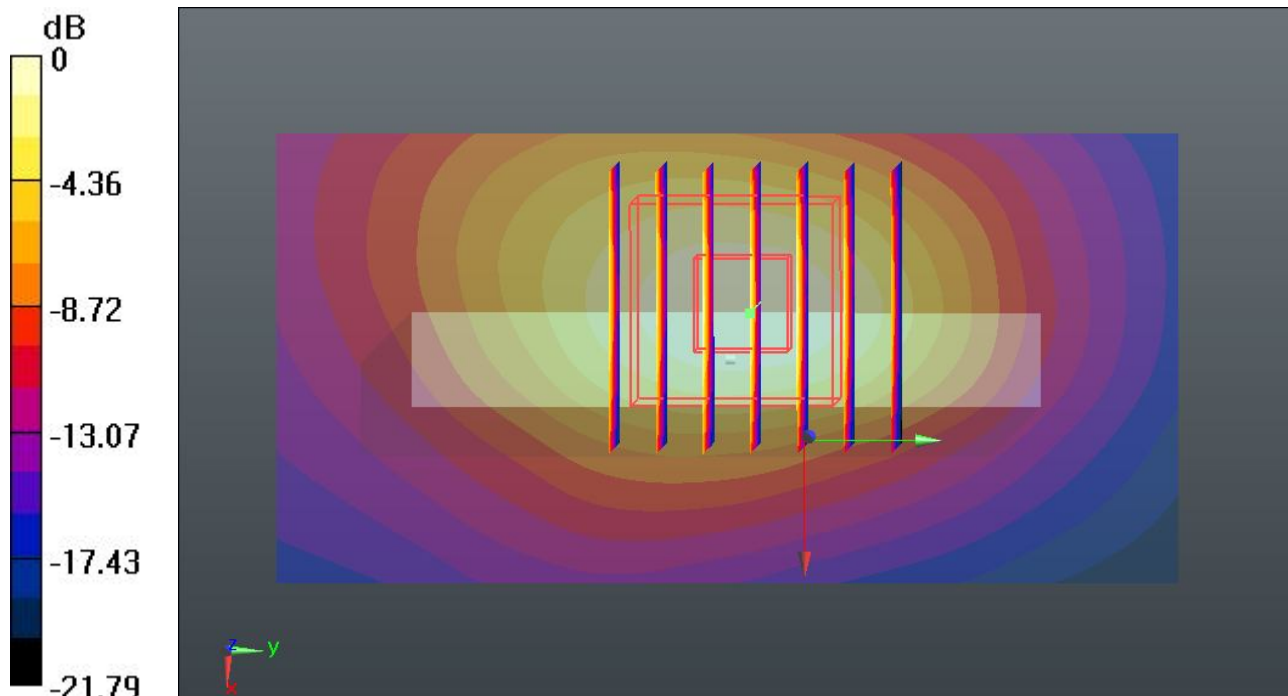
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.737 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.232 mW/g

**SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.289 mW/g**

Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.913 W/kg

**#215 LTE Band 7\_QPSK 50RB 0offset\_Back\_1cm\_Ch21020\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.50 W/kg

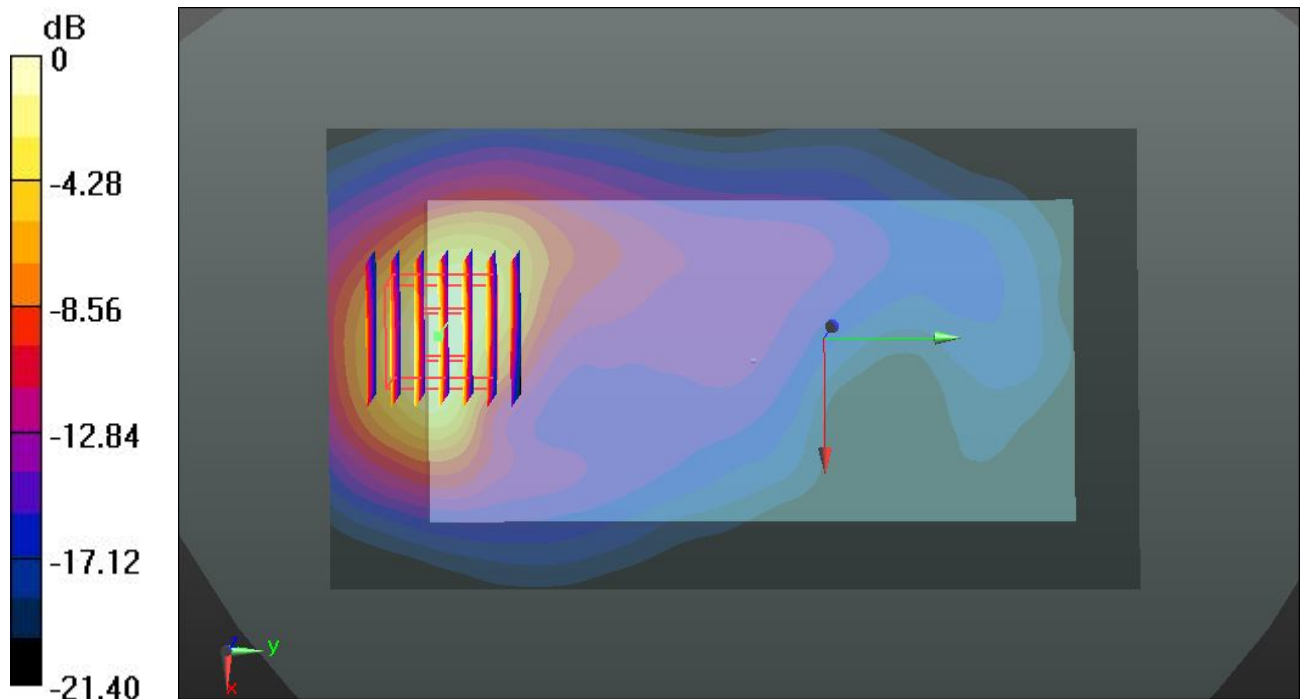
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.909 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.869 mW/g

**SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.451 mW/g**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg

**#216 LTE Band 7\_QPSK 50RB 0offset\_Back\_1cm\_Ch21020\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2527 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2527$  MHz;  $\sigma = 2.077$  mho/m;  $\epsilon_r =$

$53.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch21020/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.42 W/kg

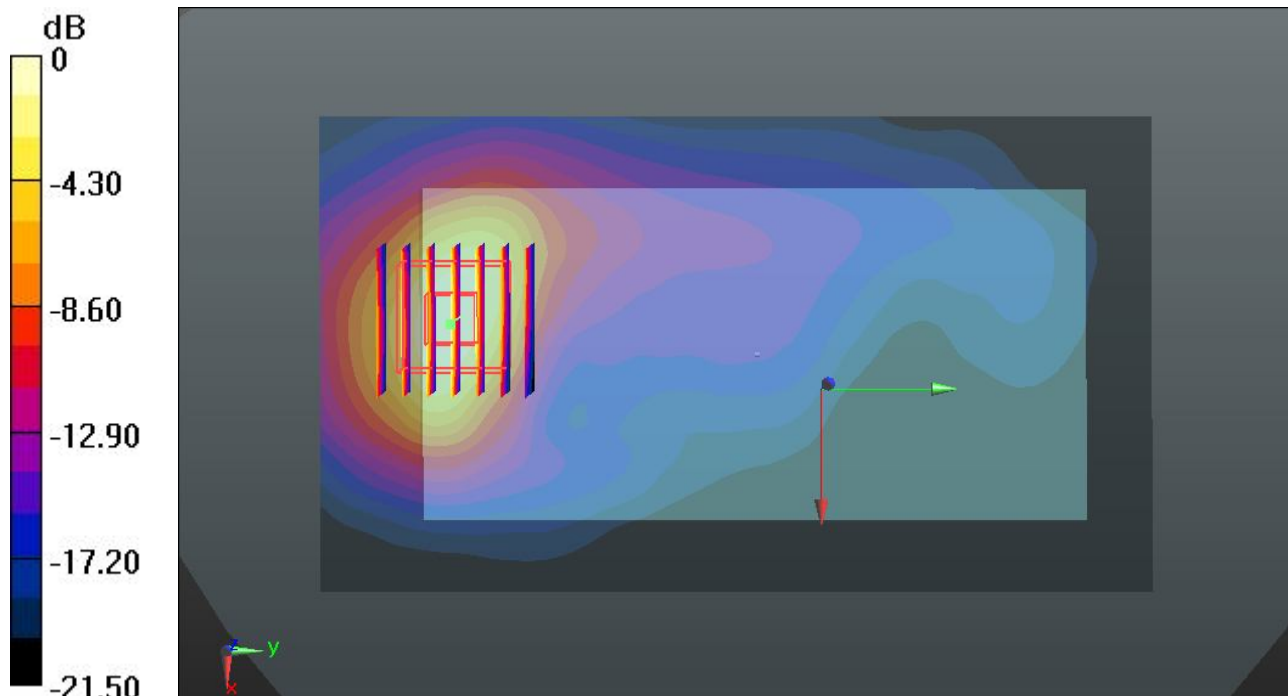
**Ch21020/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.849 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.784 mW/g

**SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.434 mW/g**

Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg

**#225 LTE Band 7\_QPSK 50RB 0offset\_Back\_1cm\_Ch20890\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

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

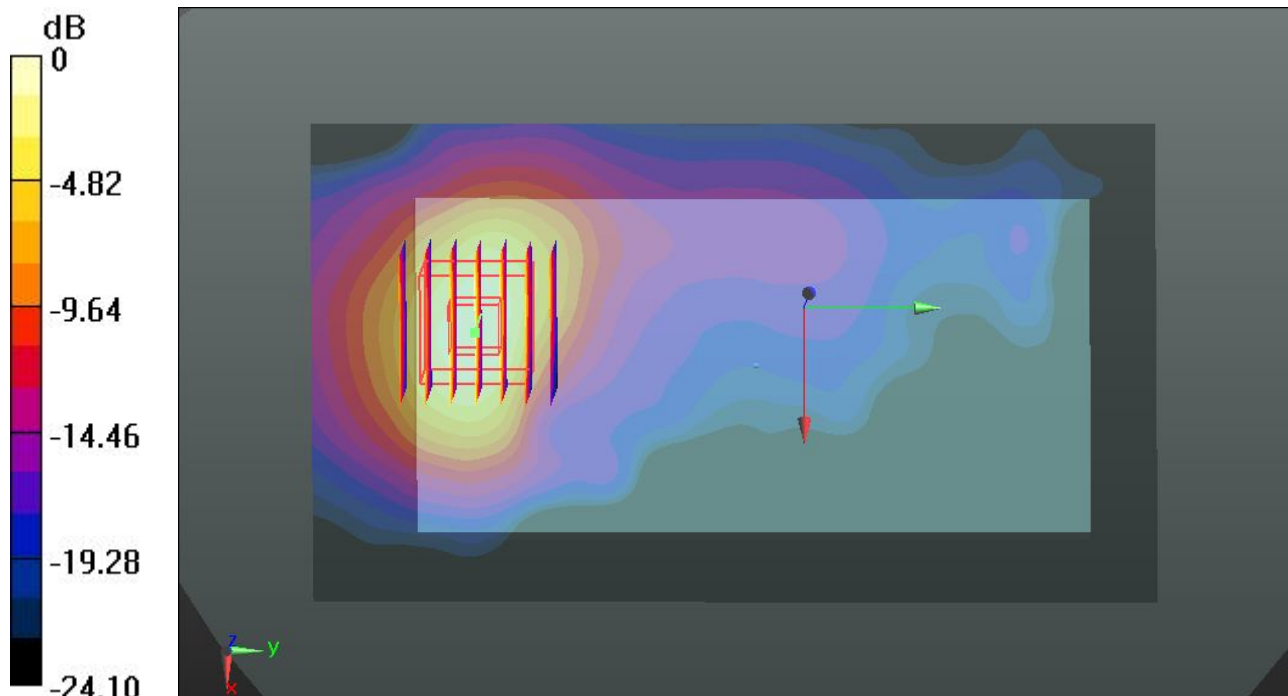
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.660 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.772 mW/g

**SAR(1 g) = 0.880 mW/g; SAR(10 g) = 0.427 mW/g**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg

**#217 LTE Band 7\_QPSK 100RB 0offset\_Front\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.264 W/kg

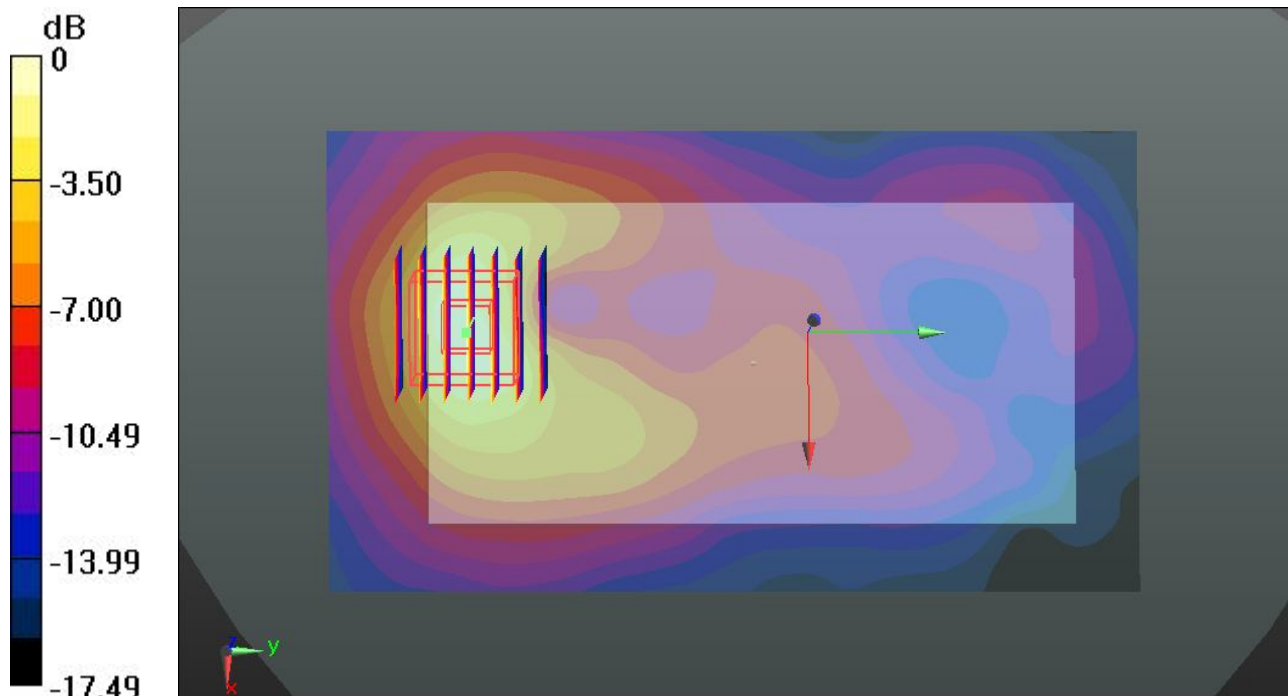
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.889 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.369 mW/g

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg

**#218 LTE Band 7\_QPSK 100RB 0offset\_Back\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.45 W/kg

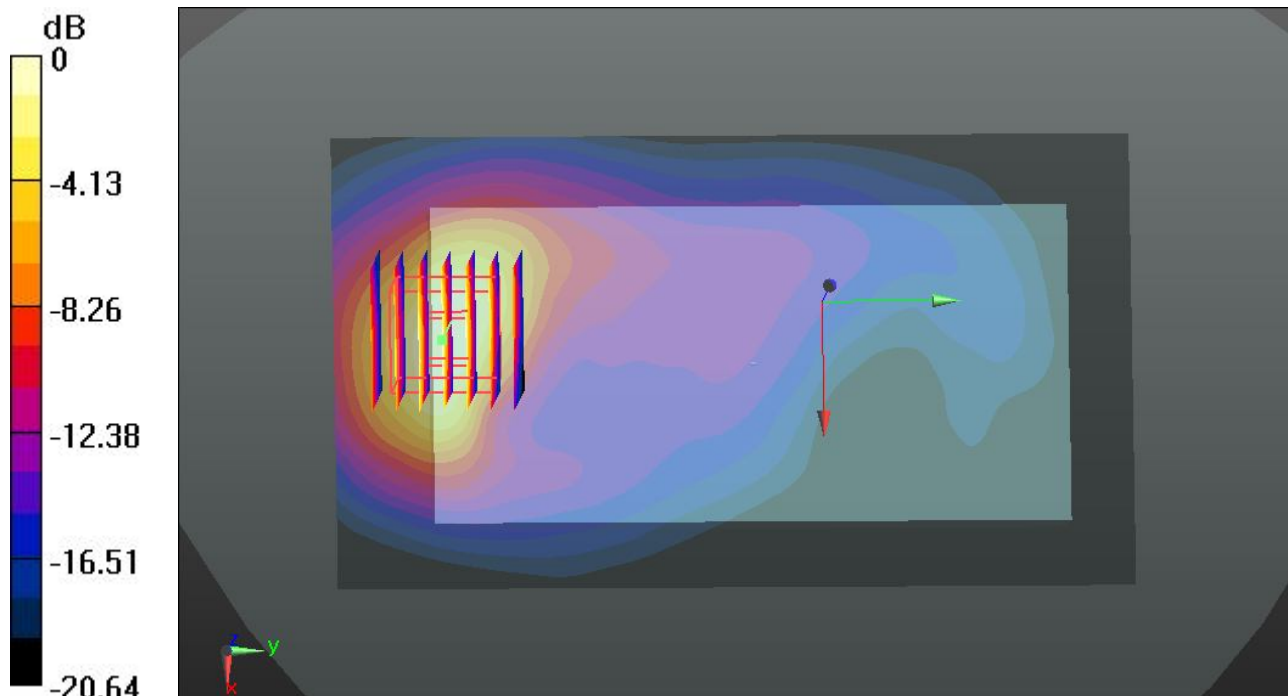
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.988 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.738 mW/g

**SAR(1 g) = 0.954 mW/g; SAR(10 g) = 0.477 mW/g**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg

**#219 LTE Band 7\_QPSK 100RB 0offset\_Left Side\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

$53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0542 W/kg

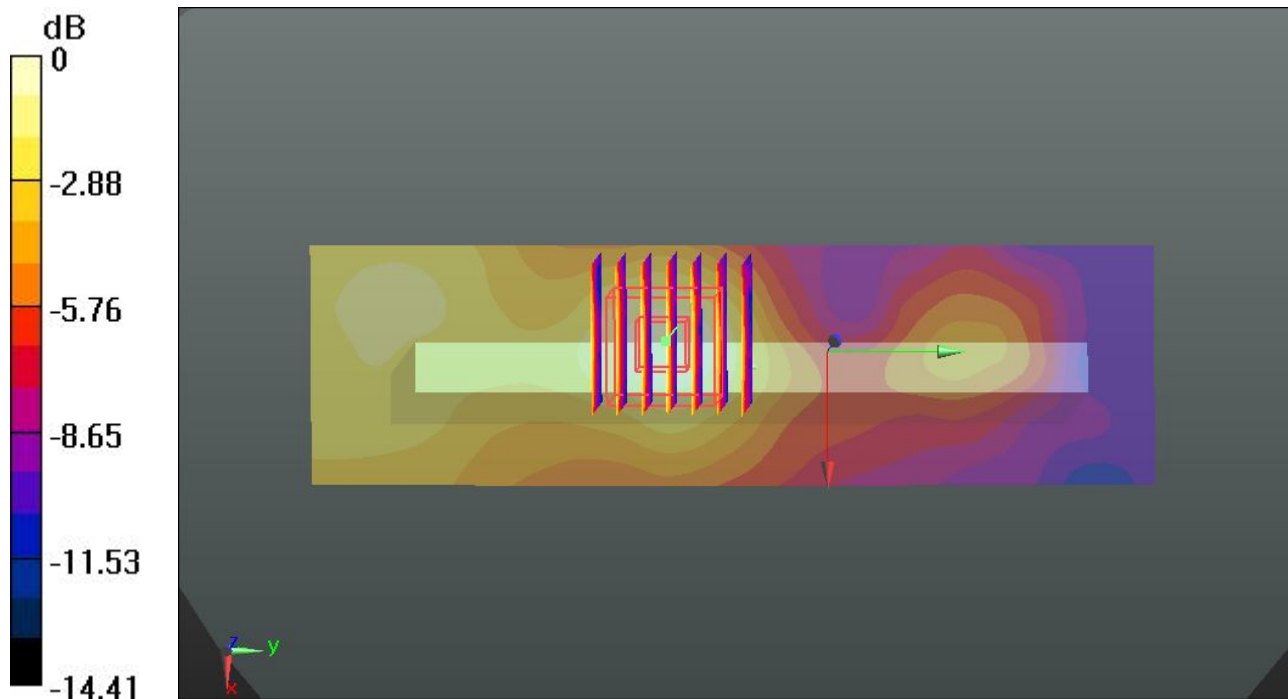
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.418 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.071 mW/g

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.0550 W/kg



0 dB = 0.0550 W/kg



**#220 LTE Band 7\_QPSK 100RB 0offset\_Right Side\_1cm\_Ch20890\_Battery #1**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0857 W/kg

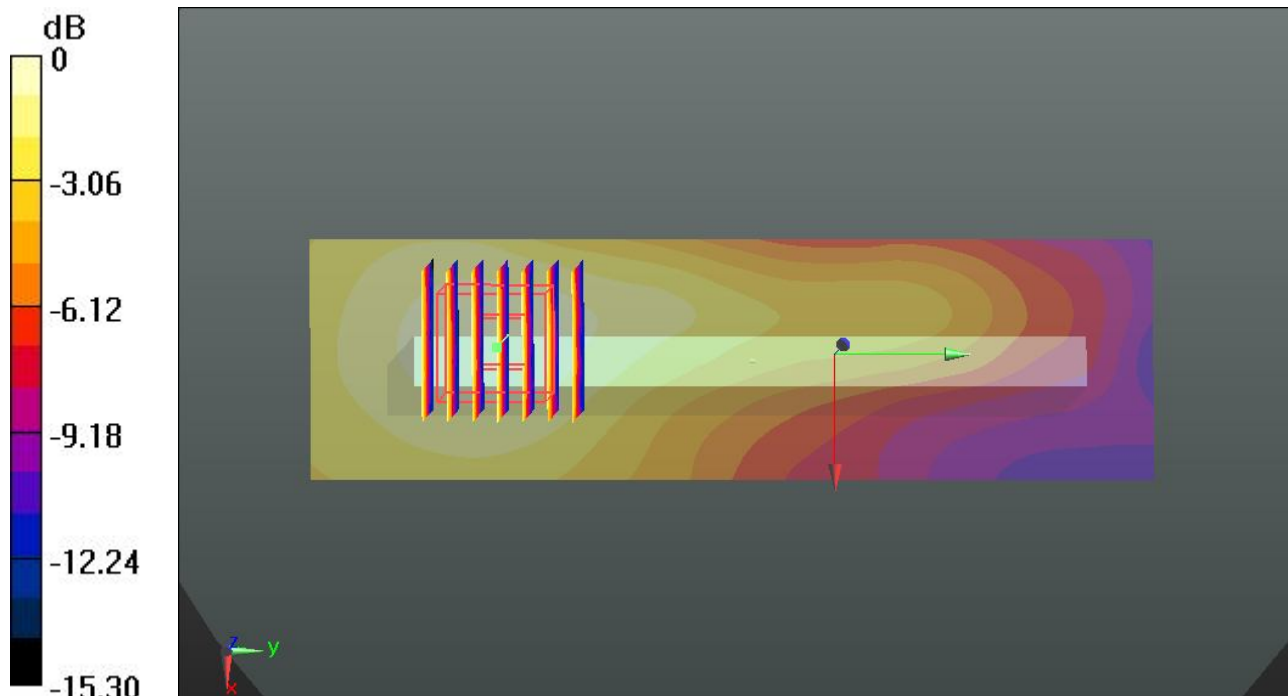
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.009 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.111 mW/g

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.0857 W/kg



0 dB = 0.0857 W/kg

#221 LTE Band 7\_QPSK 100RB 0offset\_Bottom Side\_1cm\_Ch20890\_Battery #1

DUT: 340403-01

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20890/Area Scan (41x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.976 W/kg

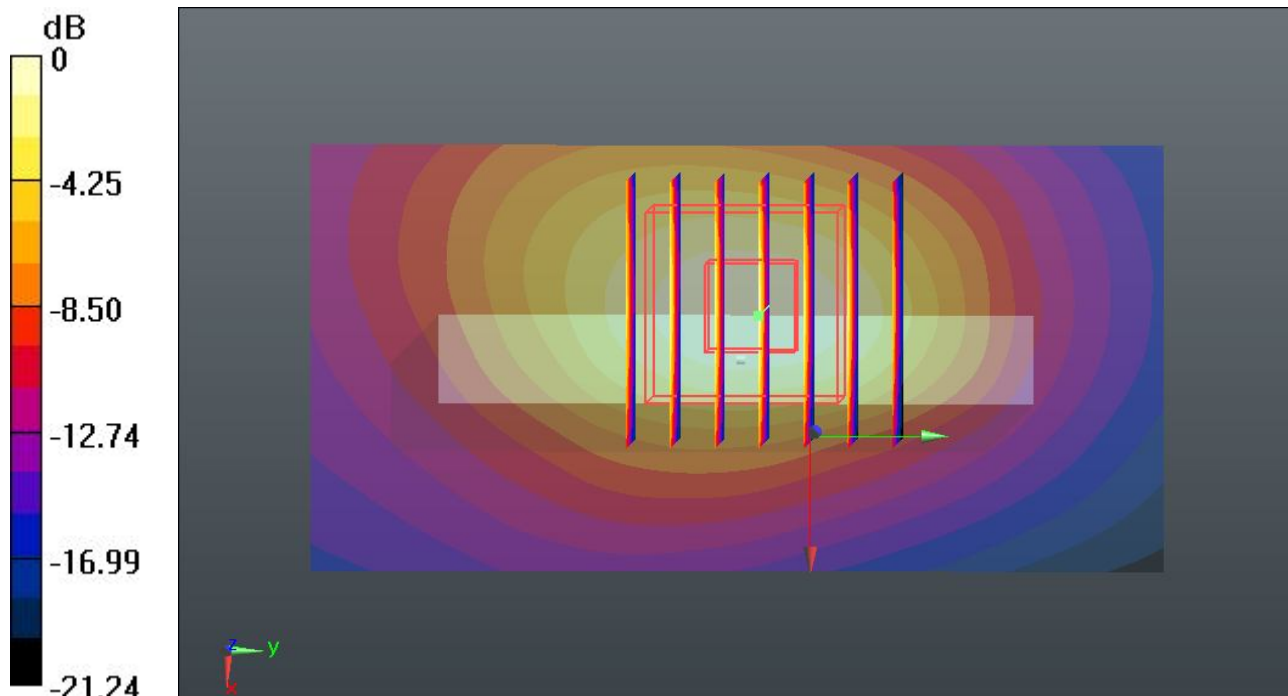
Ch20890/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.878 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.272 mW/g

SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.940 W/kg



0 dB = 0.940 W/kg

**#223 LTE Band 7\_QPSK 100RB 0offset\_Back\_1cm\_Ch20890\_Battery #2**

**DUT: 340403-01**

Communication System: LTE; Frequency: 2514 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_130905 Medium parameters used:  $f = 2514$  MHz;  $\sigma = 2.063$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch20890/Area Scan (81x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.45 W/kg

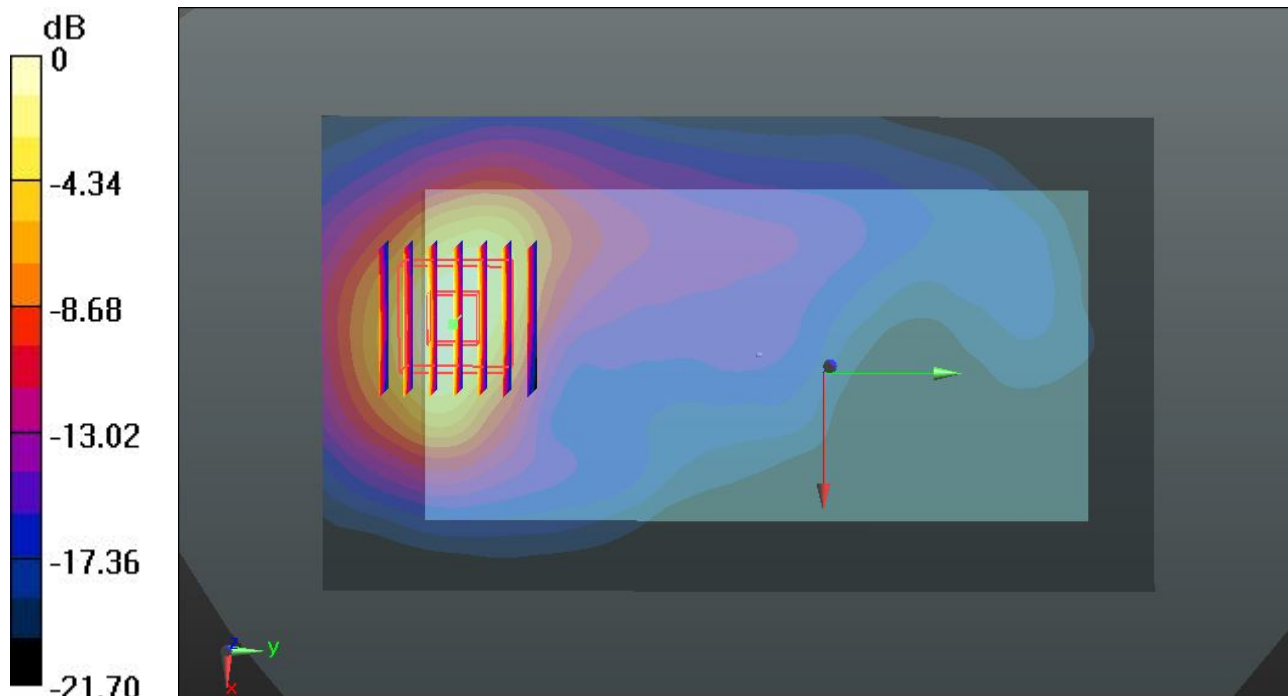
**Ch20890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.891 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.838 mW/g

**SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg

**#33 WLAN 2.4GHz\_802.11b\_Front\_1cm\_Ch11\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$

$51.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.0482 W/kg

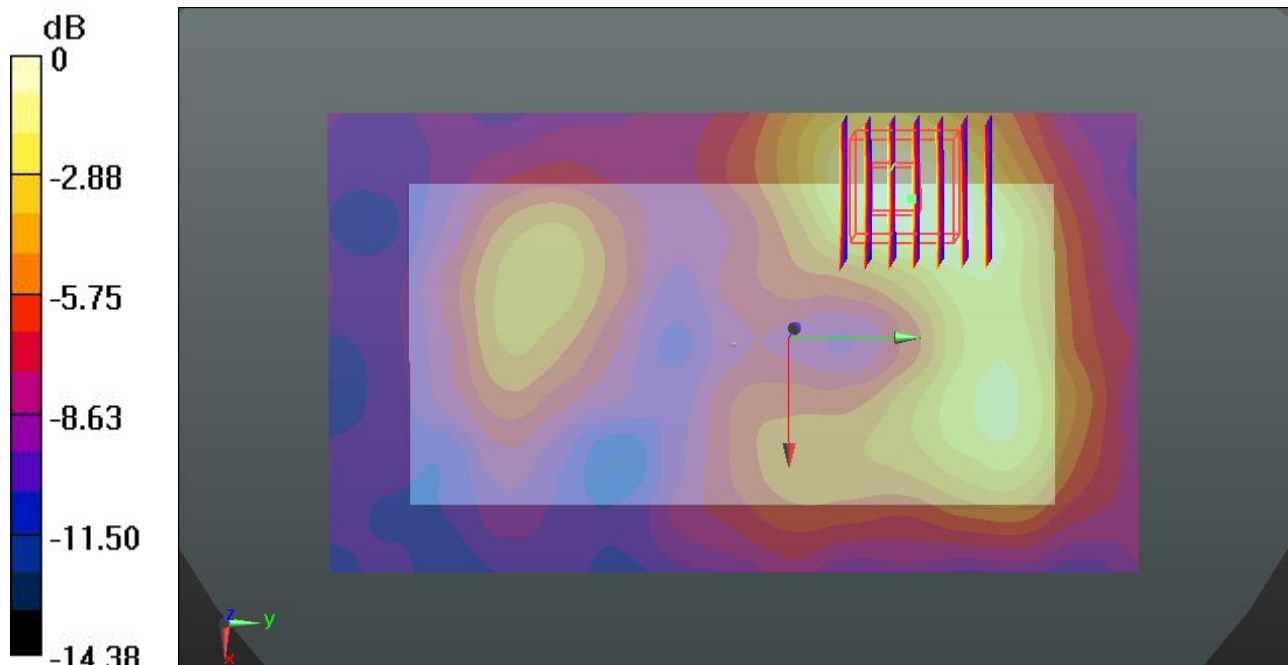
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.860 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.065 mW/g

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.0482 W/kg



0 dB = 0.0482 W/kg

**#34 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch11\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$

$51.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

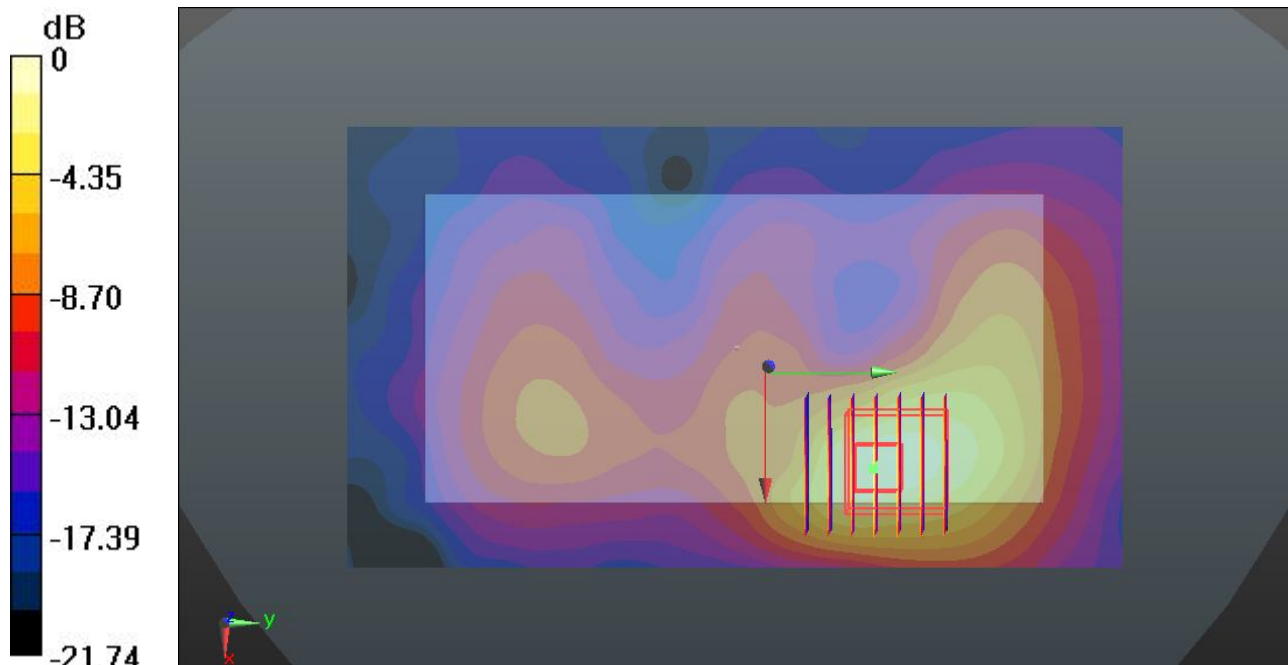
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.437 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.353 mW/g

**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg

**#35 WLAN 2.4GHz\_802.11b\_Left Side\_1cm\_Ch11\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$

$51.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch11/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.227 W/kg

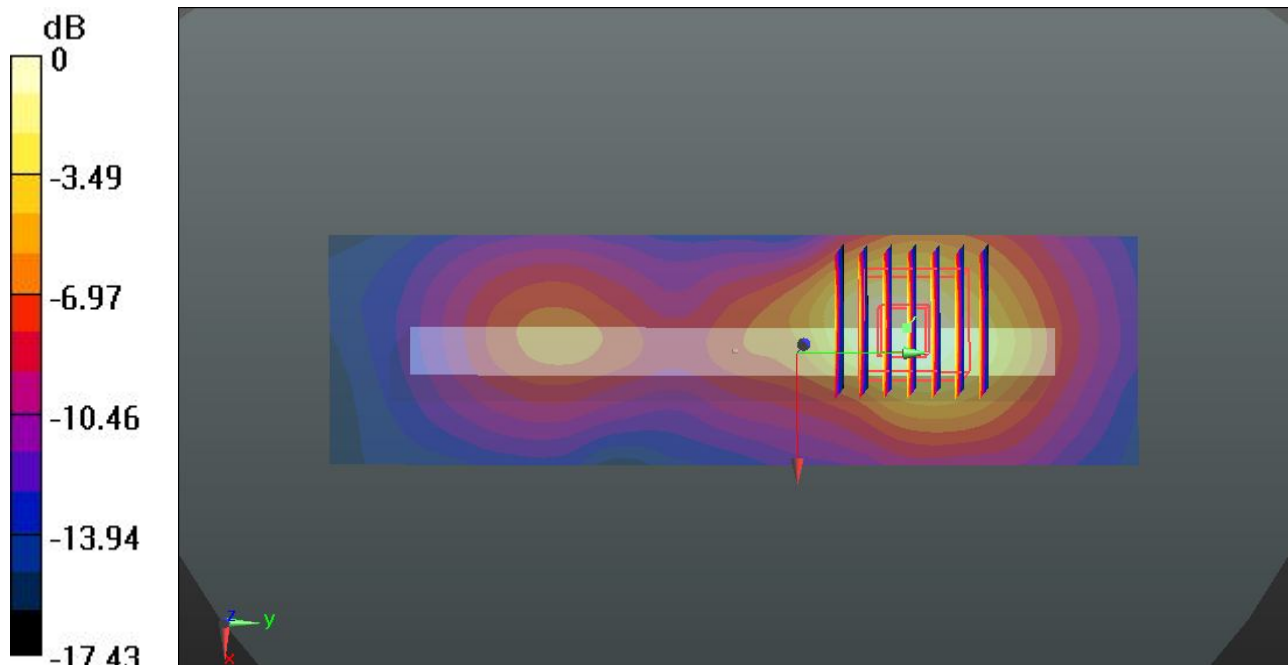
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.681 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.297 mW/g

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg



**#37 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch11\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1.024

Medium: MSL\_2450\_130827 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.964$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 0.249 W/kg

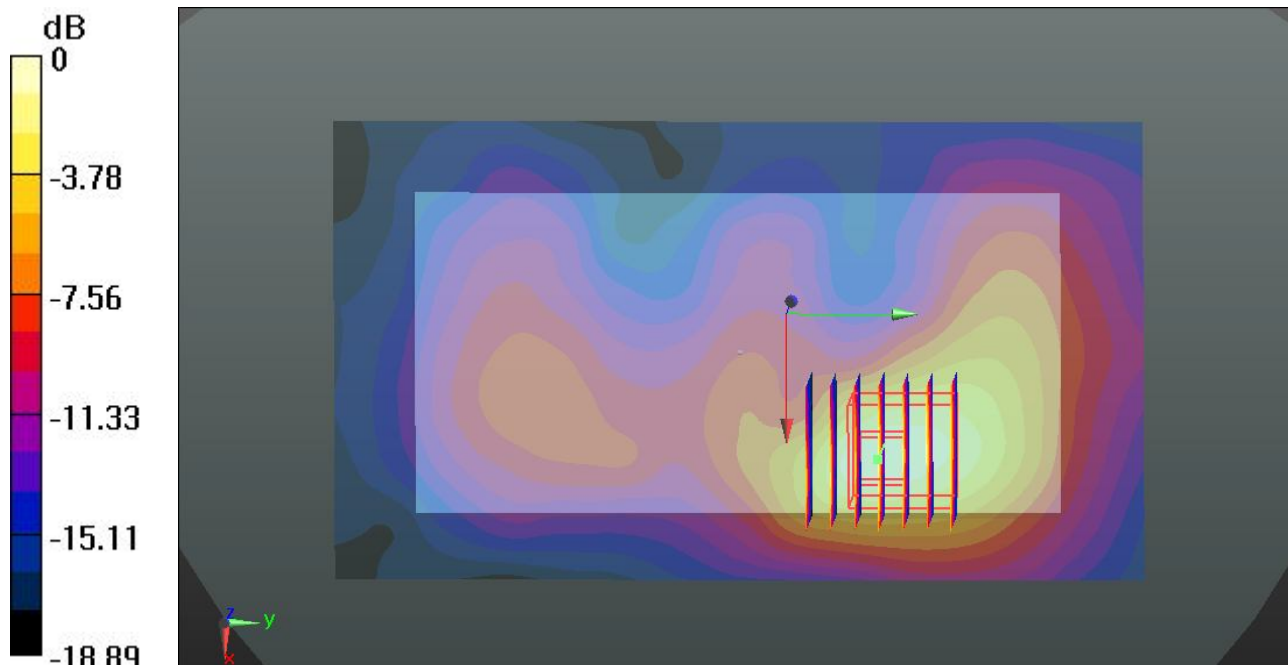
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.877 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.330 mW/g

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg



**#53 WLAN 5.2GHz\_802.11a 6Mbps\_Front\_1cm\_Ch48\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5240\_130827 Medium parameters used:  $f = 5240 \text{ MHz}$ ;  $\sigma = 5.339 \text{ mho/m}$ ;  $\epsilon_r =$

$48.474$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.0827 \text{ W/kg}$

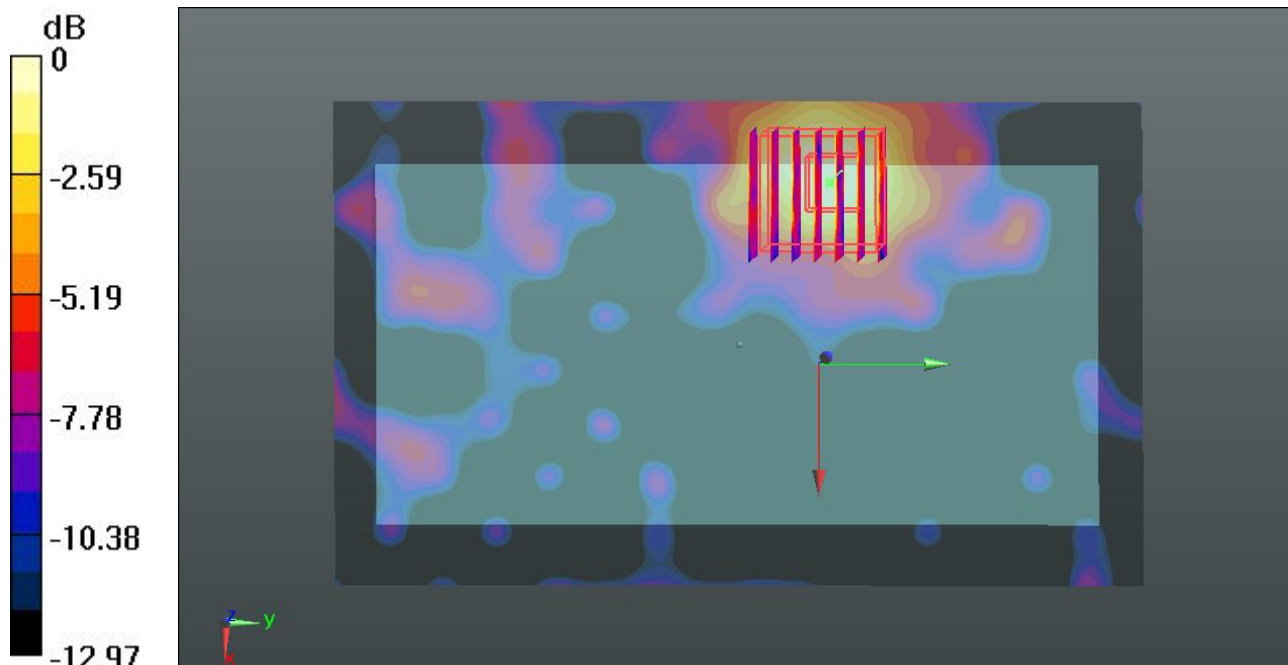
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $4.492 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.120 \text{ mW/g}$

**SAR(1 g) =  $0.041 \text{ mW/g}$ ; SAR(10 g) =  $0.022 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.0818 \text{ W/kg}$



0 dB =  $0.0818 \text{ W/kg}$

**#54 WLAN 5.2GHz\_802.11a 6Mbps\_Back\_1cm\_Ch48\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.339$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.542 W/kg

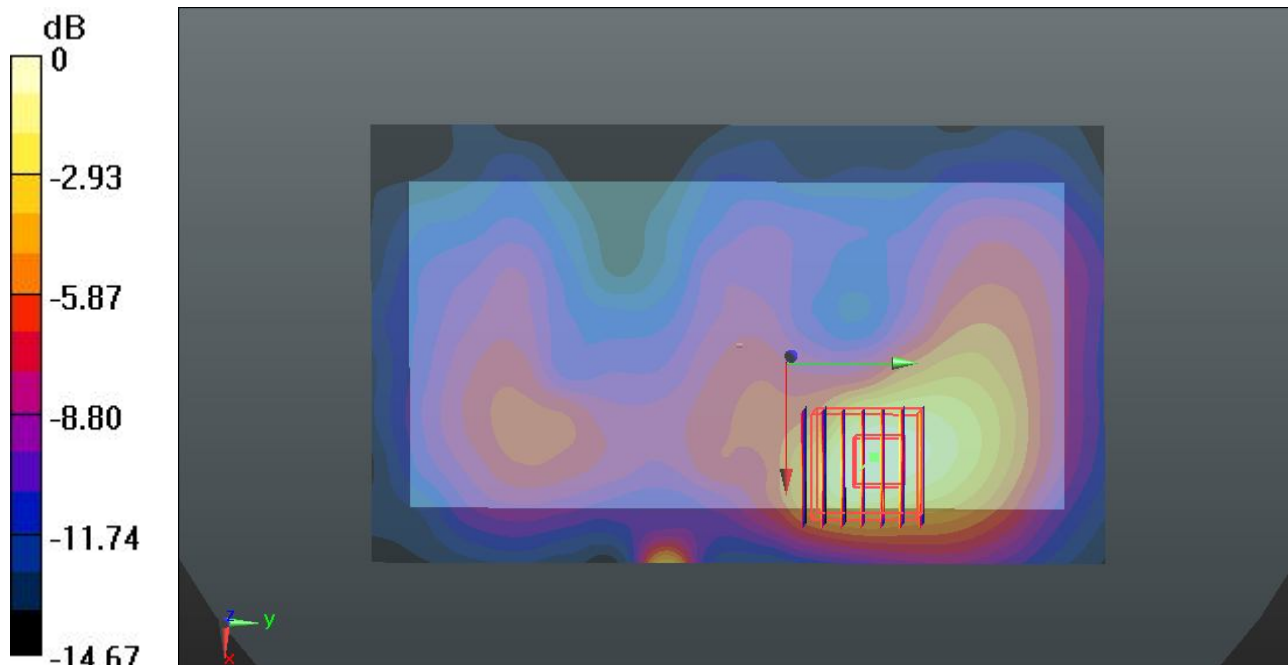
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.928 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.605 mW/g

**SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.119 mW/g**

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



0 dB = 0.497 W/kg

**#55 WLAN 5.2GHz\_802.11a 6Mbps\_Back\_1cm\_Ch48\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5240 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5240\_130827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.339$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.254 W/kg

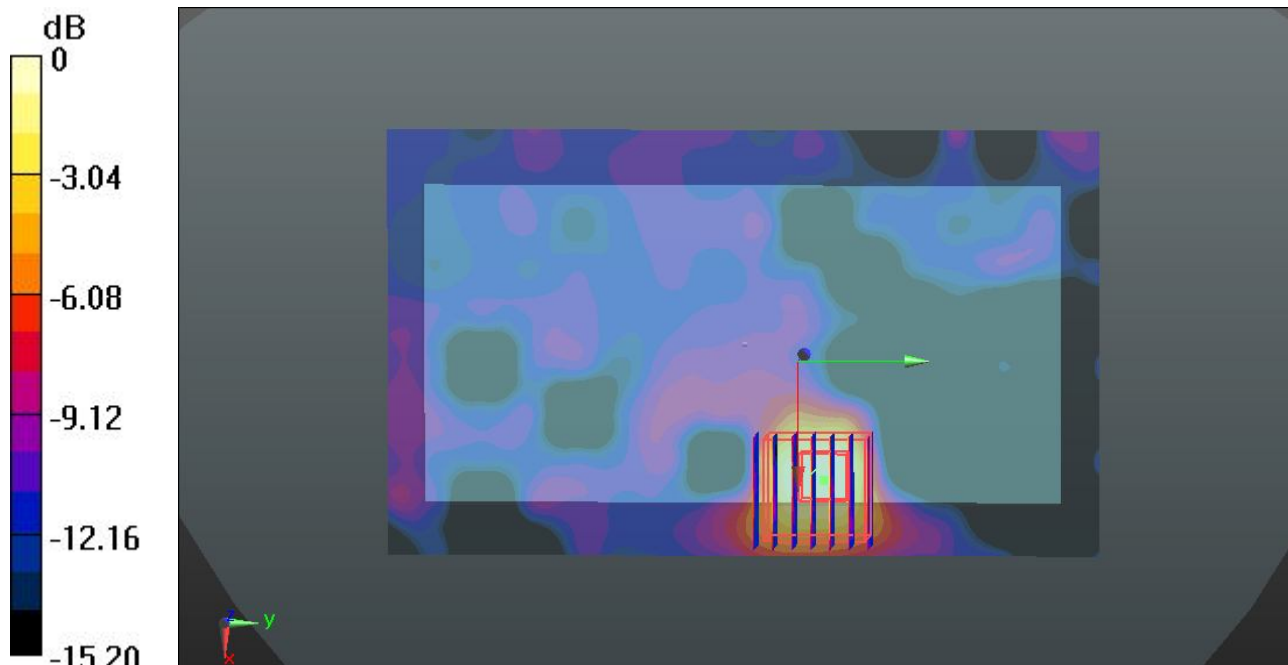
**Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.284 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.390 mW/g

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg

### #261 WLAN 5.3GHz\_802.11a 6Mbps\_Front\_1cm\_Ch64\_Battery #1

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.428$  mho/m;  $\epsilon_r = 48.934$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.414 W/kg

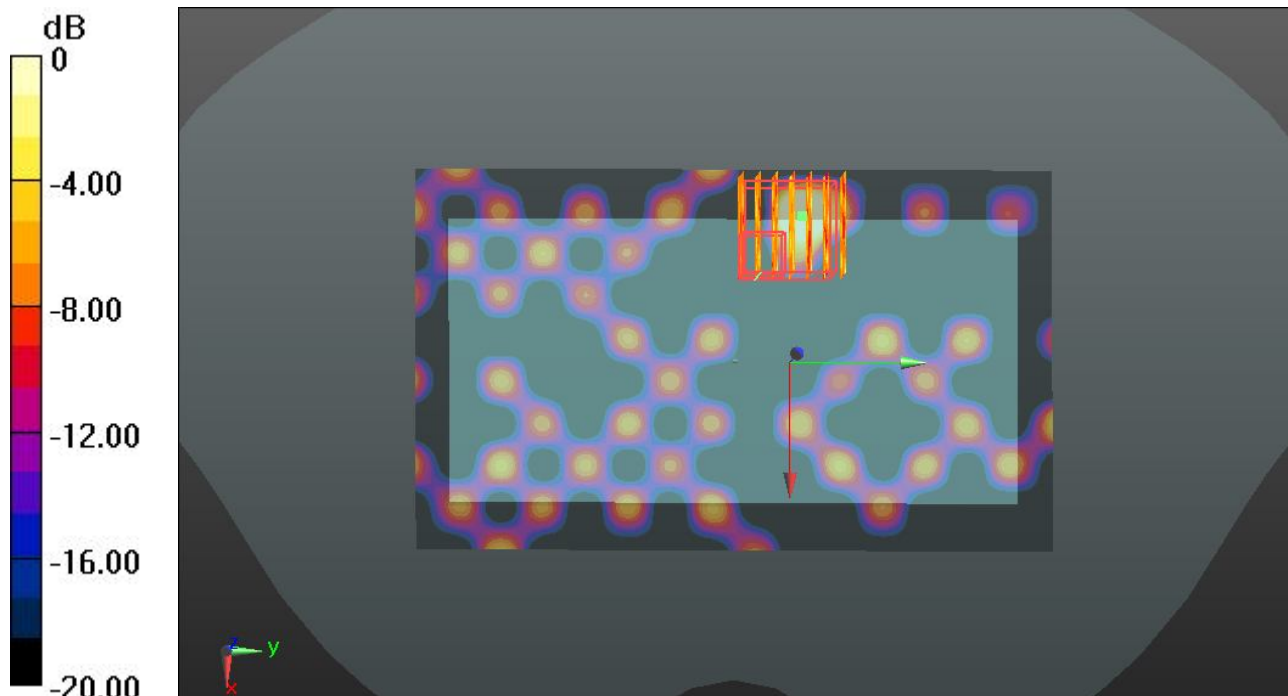
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.221 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.086 mW/g

**SAR(1 g) = 0.00295 mW/g; SAR(10 g) = 0.00142 mW/g**

Maximum value of SAR (measured) = 0.0647 W/kg



0 dB = 0.0647 W/kg

**#262 WLAN 5.3GHz\_802.11a 6Mbps\_Back\_1cm\_Ch64\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.428$  mho/m;  $\epsilon_r = 48.934$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch64/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.293 W/kg

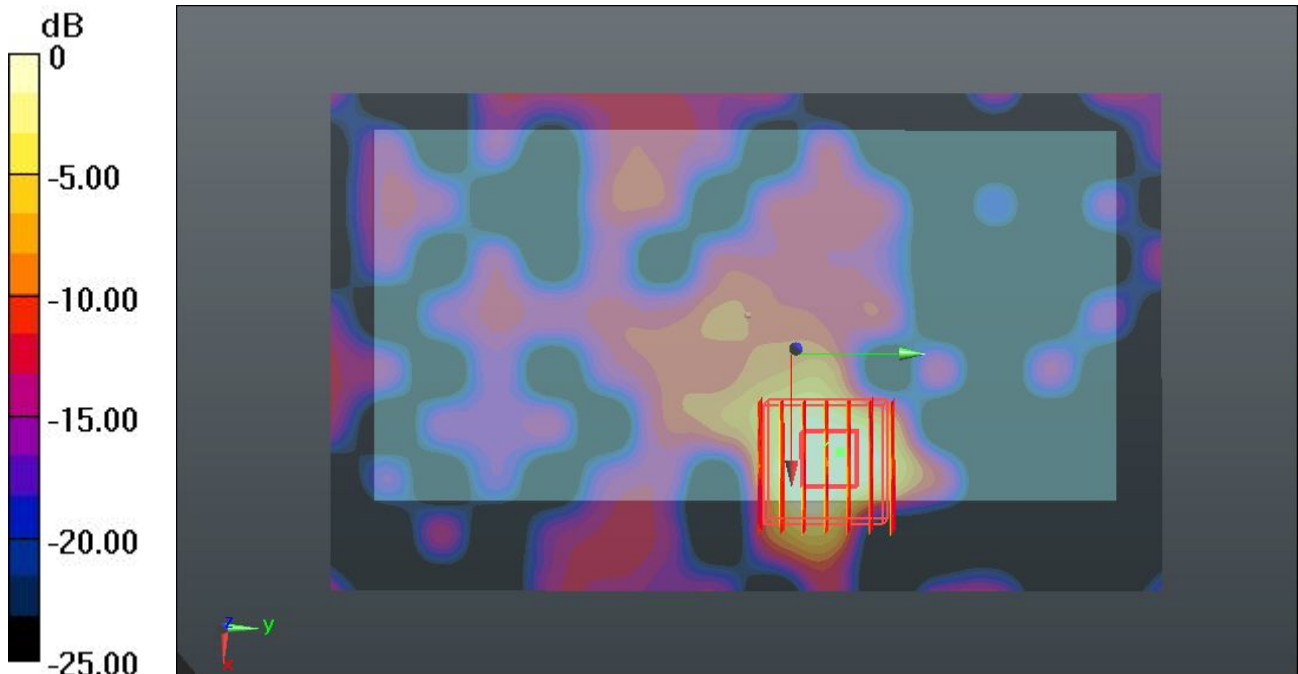
**Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.826 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.314 mW/g

**SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg

**#271 WLAN 5.3GHz\_802.11a 6Mbps\_Back\_1cm\_Ch64\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.434$  mho/m;  $\epsilon_r = 48.032$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Configuration/Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.41 W/kg

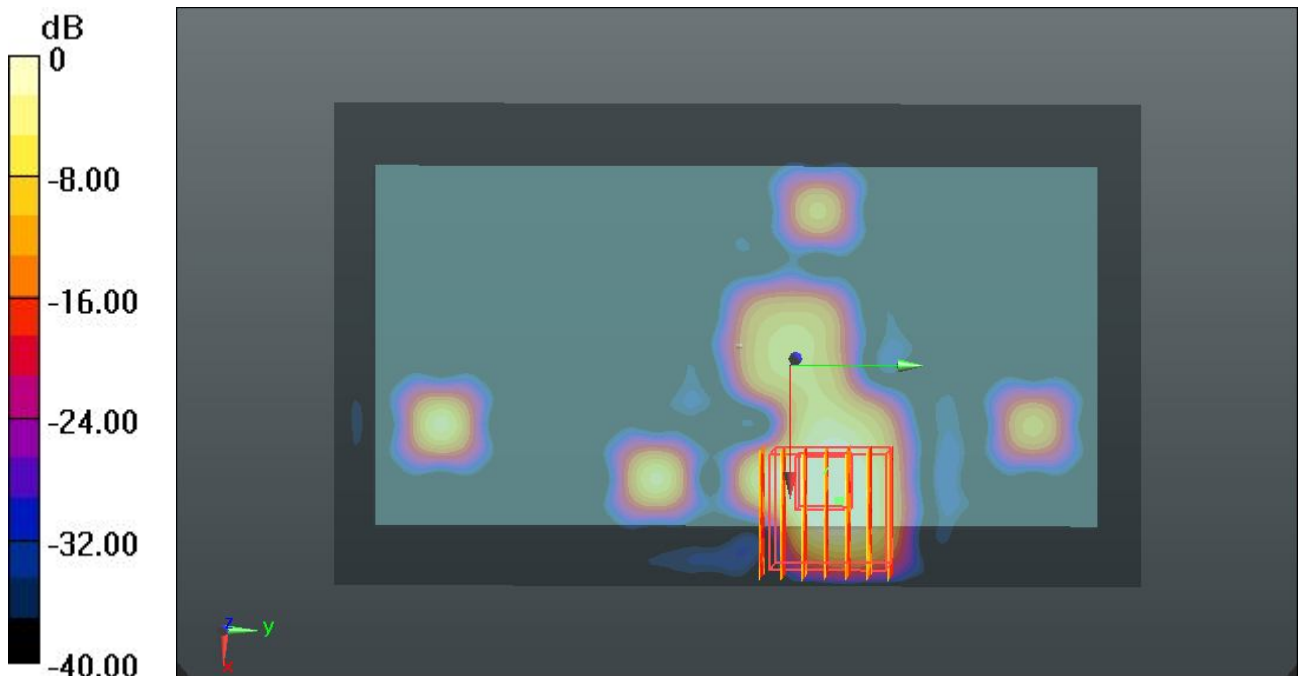
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.316 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.406 mW/g

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg



**#266 WLAN 5.5GHz\_802.11a 6Mbps\_Front\_1cm\_Ch140\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.007$  mho/m;  $\epsilon_r = 48.217$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.186 W/kg

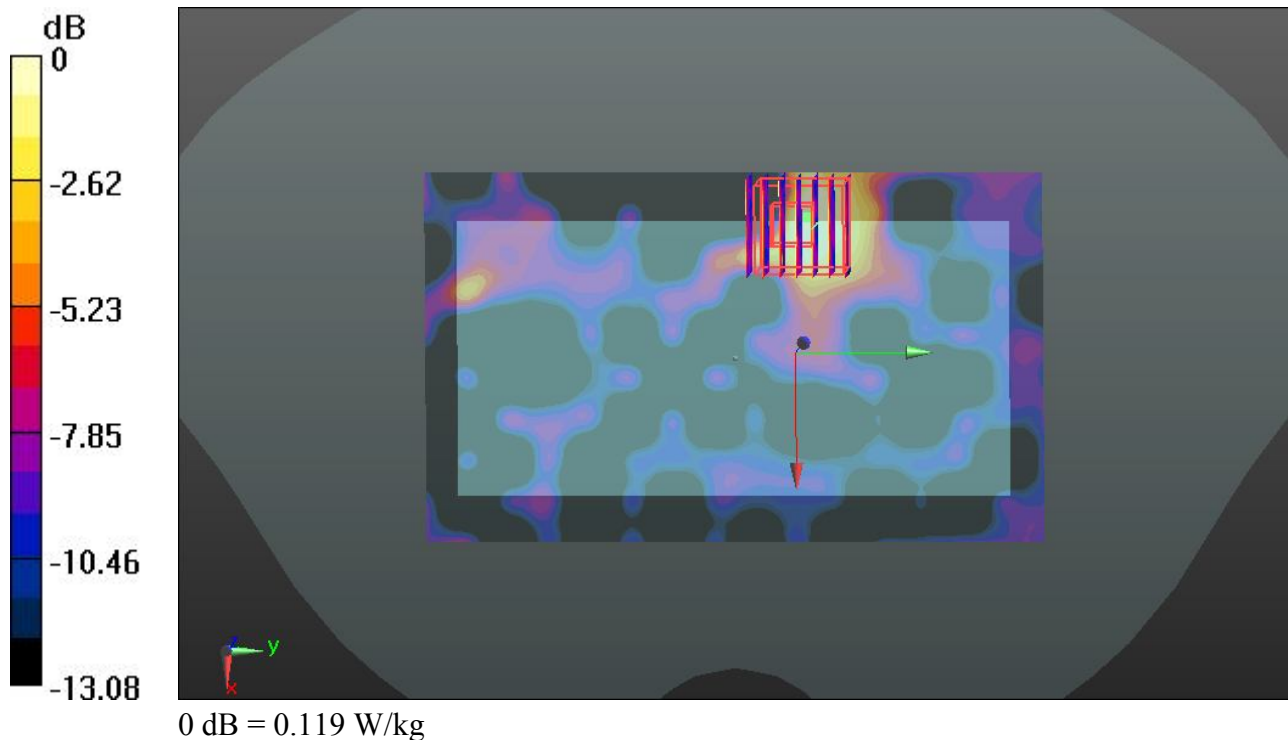
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.223 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.235 mW/g

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.119 W/kg





**#267 WLAN 5.5GHz\_802.11a 6Mbps\_Back\_1cm\_Ch140\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1.153

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.007$  mho/m;  $\epsilon_r = 48.217$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.07 W/kg

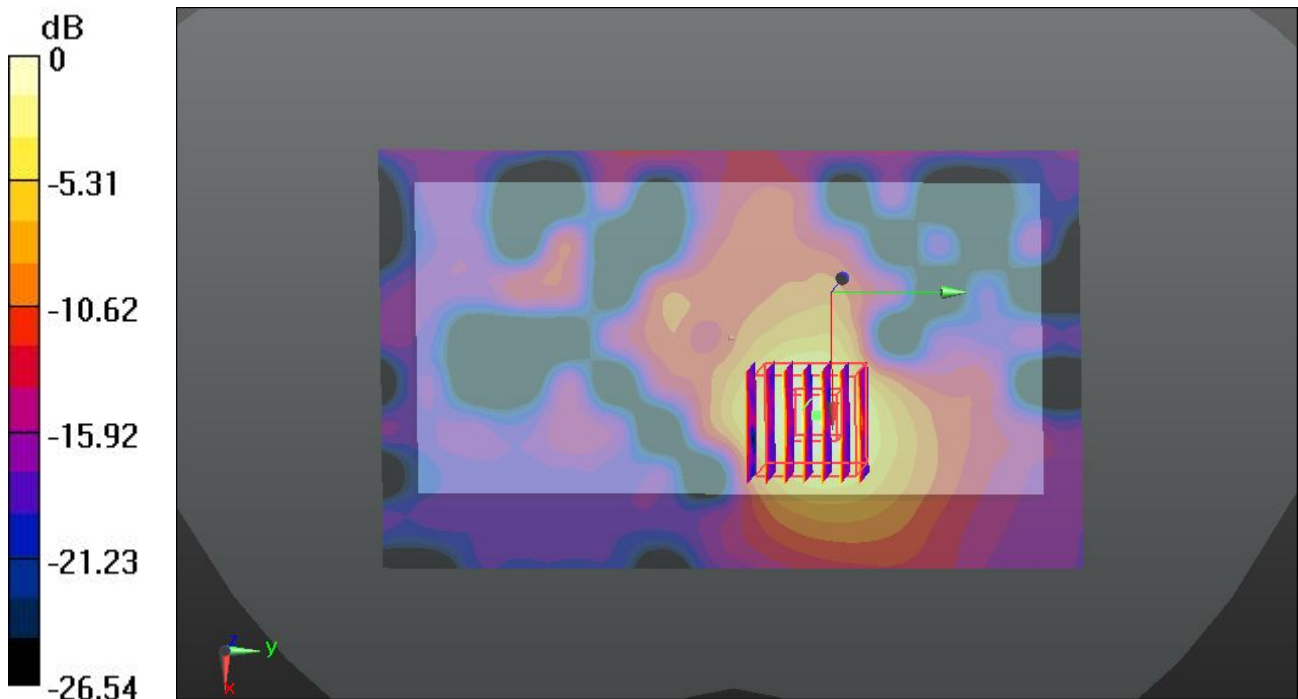
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.532 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.588 mW/g

**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

**#272 WLAN 5.5GHz\_802.11a 6Mbps\_Back\_1cm\_Ch140\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.007$  mho/m;  $\epsilon_r = 48.217$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012.11.26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch140/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.07 W/kg

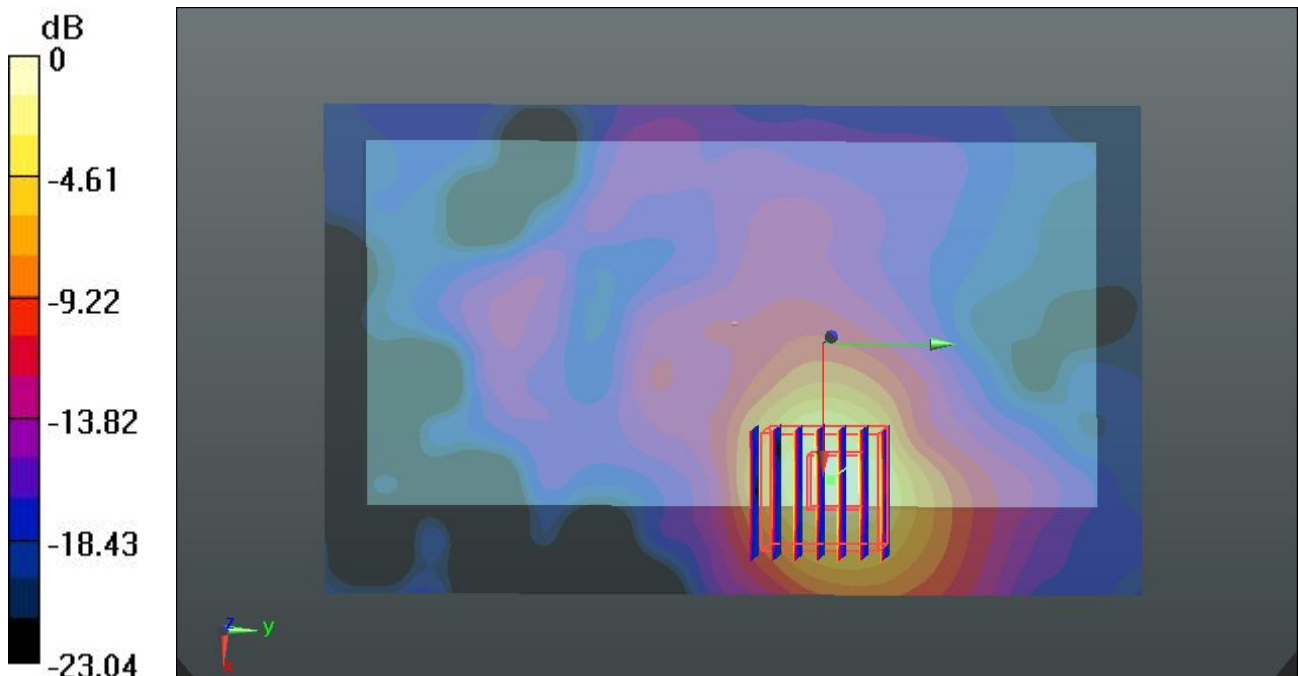
**Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.503 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.724 mW/g

**SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.146 mW/g**

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

**#56 WLAN 5.8GHz\_802.11a 6Mbps\_Front\_1cm\_Ch161\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.121$  mho/m;  $\epsilon_r =$

$47.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.5$  °C ; Liquid Temperature :  $22.8$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.118 W/kg

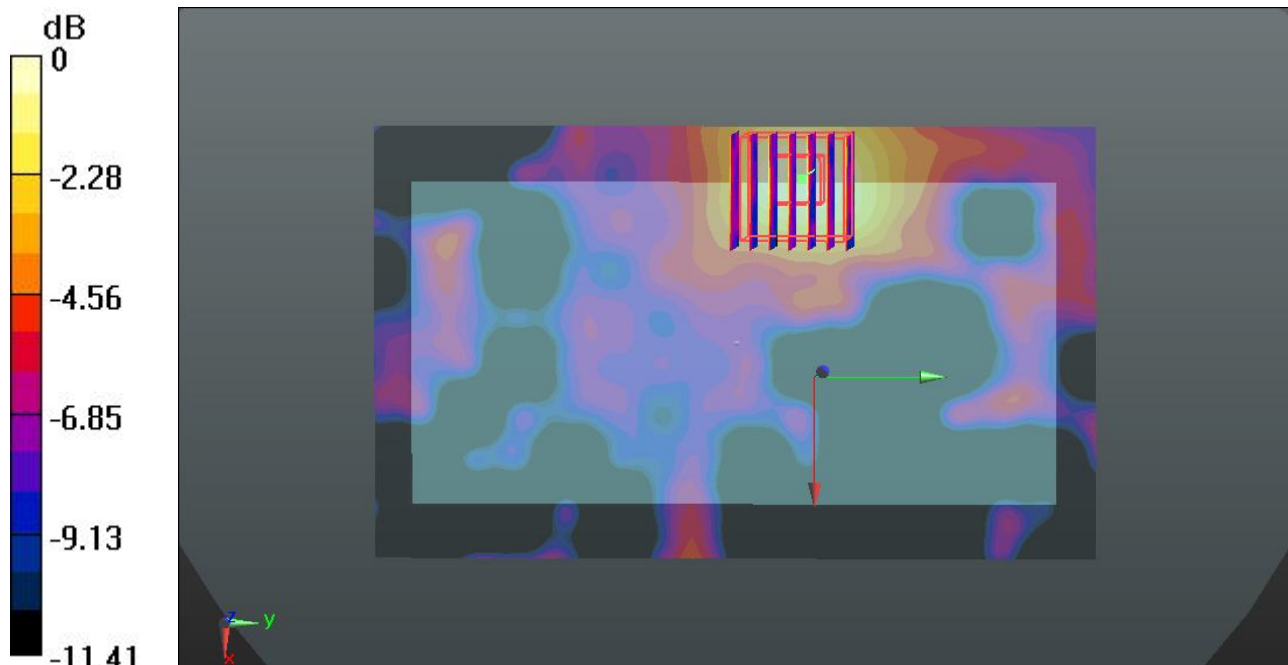
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.039 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.204 mW/g

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg

**#57 WLAN 5.8GHz\_802.11a 6Mbps\_Back\_1cm\_Ch161\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5805\_130827 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.121 \text{ mho/m}$ ;  $\epsilon_r =$

$47.135$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.949 \text{ W/kg}$

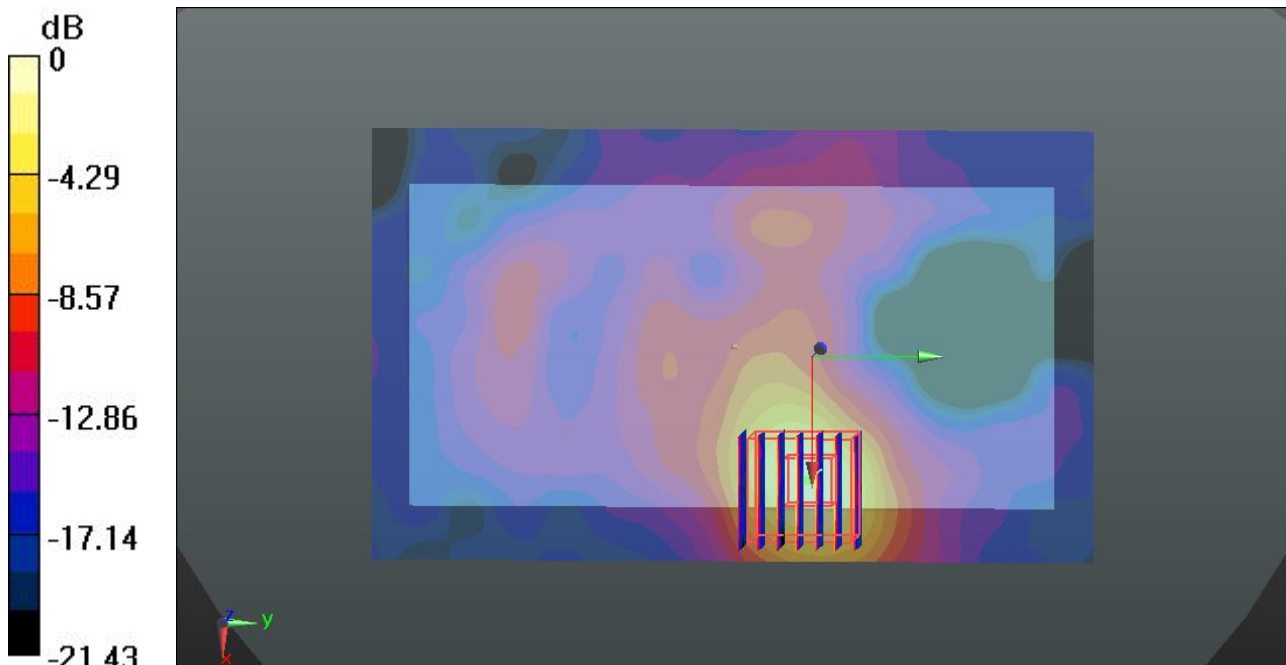
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $14.535 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $1.563 \text{ mW/g}$

**SAR(1 g) =  $0.385 \text{ mW/g}$ ; SAR(10 g) =  $0.131 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.916 \text{ W/kg}$



0 dB =  $0.916 \text{ W/kg}$

**#59 WLAN 5.8GHz\_802.11a 6Mbps\_Left Side\_1cm\_Ch161\_Battery #1**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5805\_130827 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.121$  mho/m;  $\epsilon_r =$

$47.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (61x151x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.11 W/kg

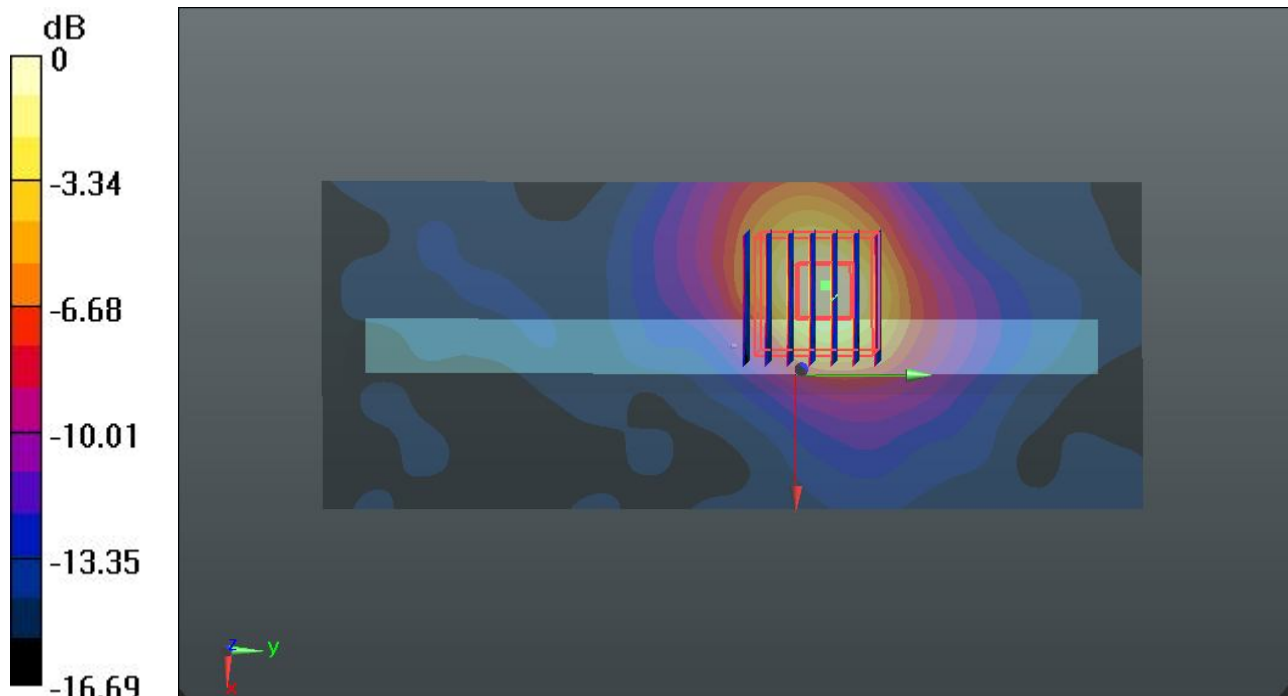
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.487 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.761 mW/g

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg

**#58 WLAN 5.8GHz\_802.11a 6Mbps\_Back\_1cm\_Ch161\_Battery #2**

**DUT: 340403-01**

Communication System: WIFI; Frequency: 5805 MHz; Duty Cycle: 1:1.146

Medium: MSL\_5805\_130827 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.121 \text{ mho/m}$ ;  $\epsilon_r =$

$47.135$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch161/Area Scan (91x151x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.908 \text{ W/kg}$

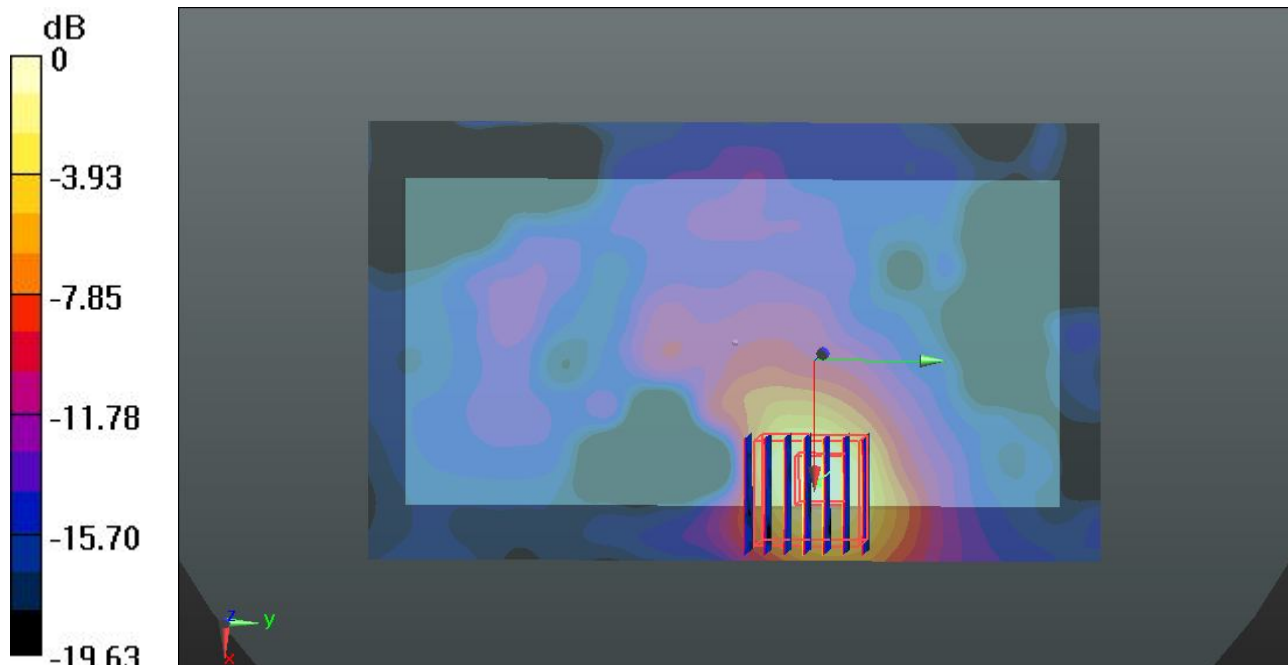
**Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $14.049 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $1.459 \text{ mW/g}$

**SAR(1 g) =  $0.375 \text{ mW/g}$ ; SAR(10 g) =  $0.127 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.885 \text{ W/kg}$



0 dB =  $0.885 \text{ W/kg}$