



## ***Appendix A. Plots of System Performance Check***

The plots are shown as follows.

**System Check\_Head\_835MHz\_131006****DUT: D835V2-SN:4d151**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_131006 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.919 \text{ S/m}$ ;  $\epsilon_r = 41.524$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature:  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $2.90 \text{ W/kg}$

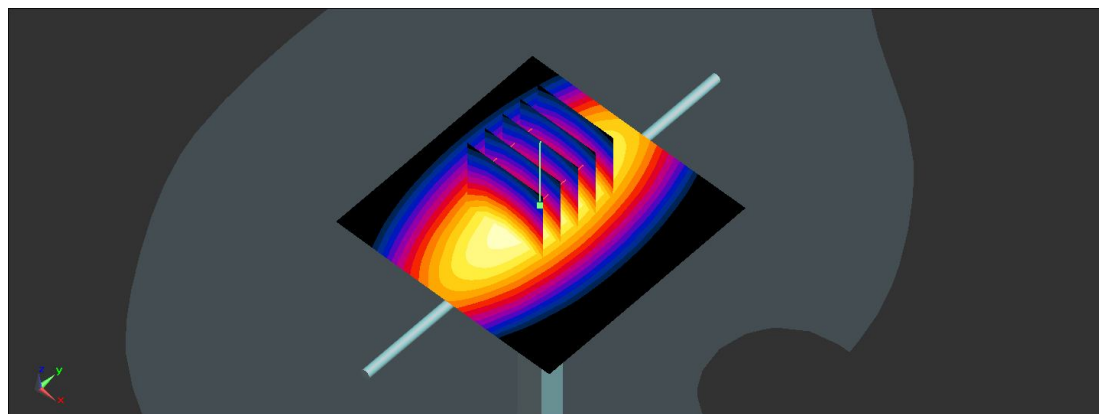
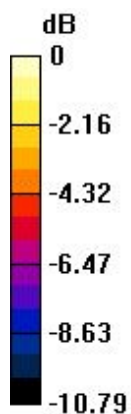
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $55.875 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $3.41 \text{ W/kg}$

**SAR(1 g) =  $2.28 \text{ W/kg}$ ; SAR(10 g) =  $1.5 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.90 \text{ W/kg}$



0 dB =  $2.90 \text{ W/kg}$

**System Check\_Head\_1900MHz\_131006****DUT: D1900V2-SN:5d170**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.412$  S/m;  $\epsilon_r = 39.311$ ;

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

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.4 W/kg

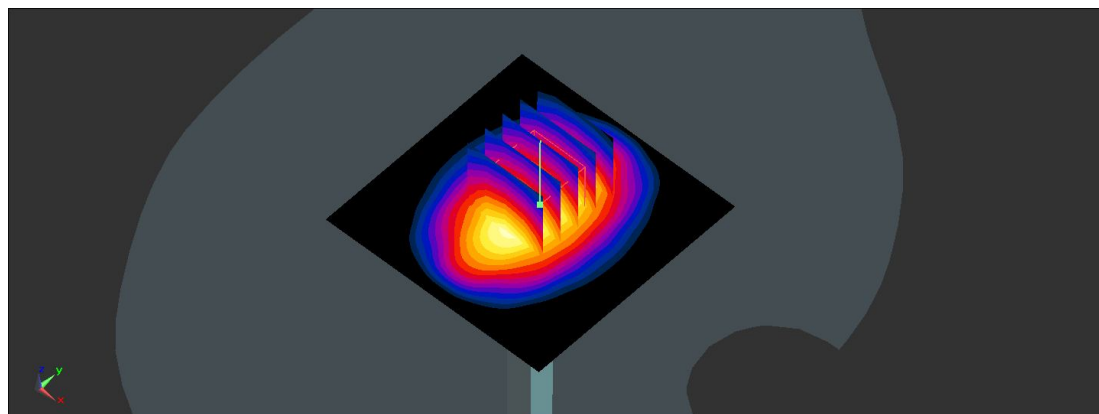
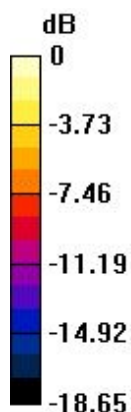
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.2 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 18.0 W/kg

**SAR(1 g) = 9.84 W/kg; SAR(10 g) = 5.12 W/kg**

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg

**System Check\_Head\_2450MHz\_131006****DUT: D2450V2-SN:908**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_131006 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.809$  S/m;  $\epsilon_r = 37.604$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Pin=250mW/Area Scan (71x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.0 W/kg

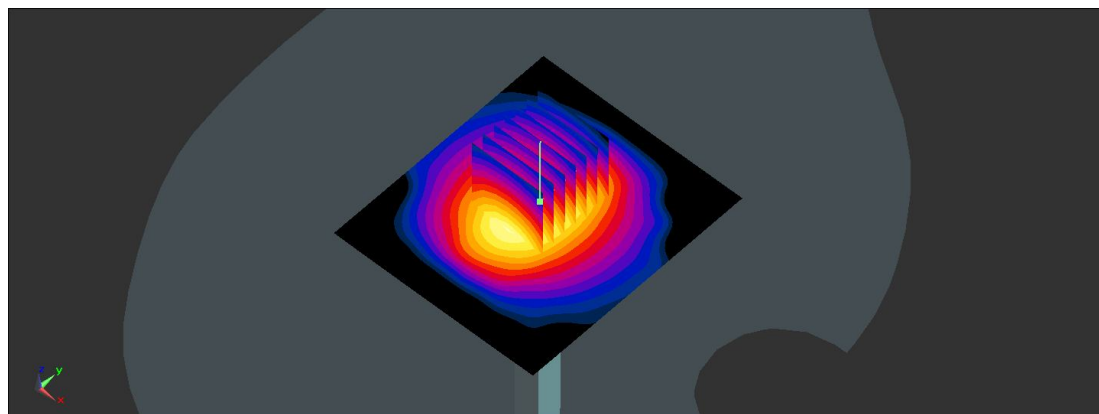
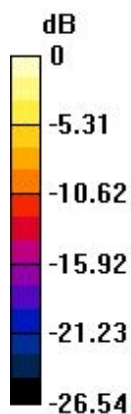
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 102.6 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.9 W/kg**

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg

**System Check\_Body\_835MHz\_131005****DUT: D835V2-SN:4d151**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_131005 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 54.082$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.87 W/kg

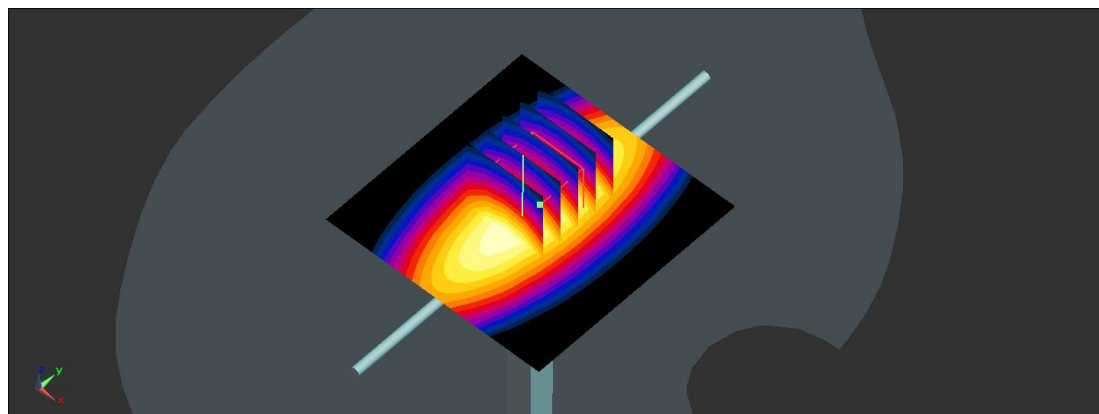
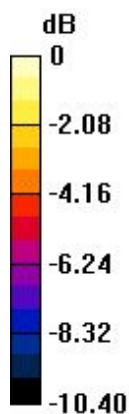
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.000 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.36 W/kg

**SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.52 W/kg**

Maximum value of SAR (measured) = 2.87 W/kg



0 dB = 2.87 W/kg

**System Check\_Body\_1900MHz\_131005****DUT: D1900V2-SN:5d170**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.531$  S/m;  $\epsilon_r = 54.671$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.9 W/kg

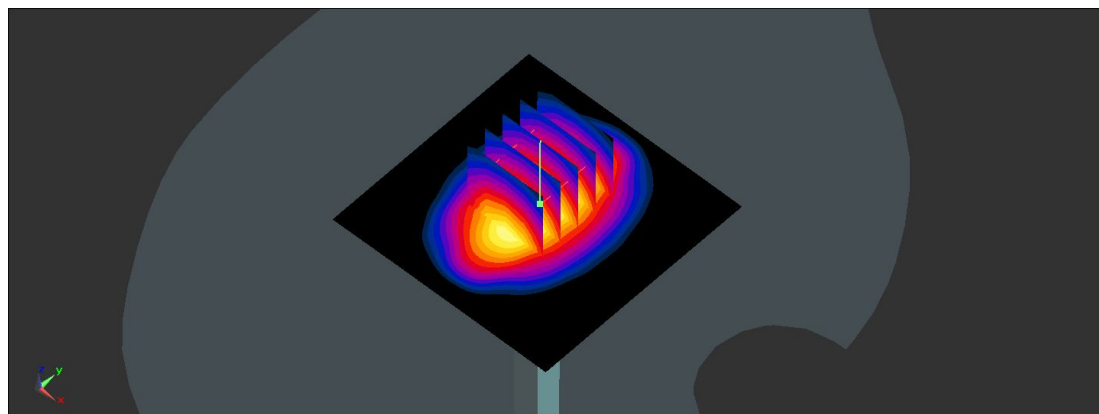
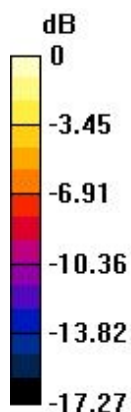
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.431 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.25 W/kg**

Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg

**System Check\_Body\_2450MHz\_131006****DUT: D2450V2-SN:908**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_131006 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.92$  S/m;  $\epsilon_r = 51.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Pin=250mW/Area Scan (71x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 18.9 W/kg

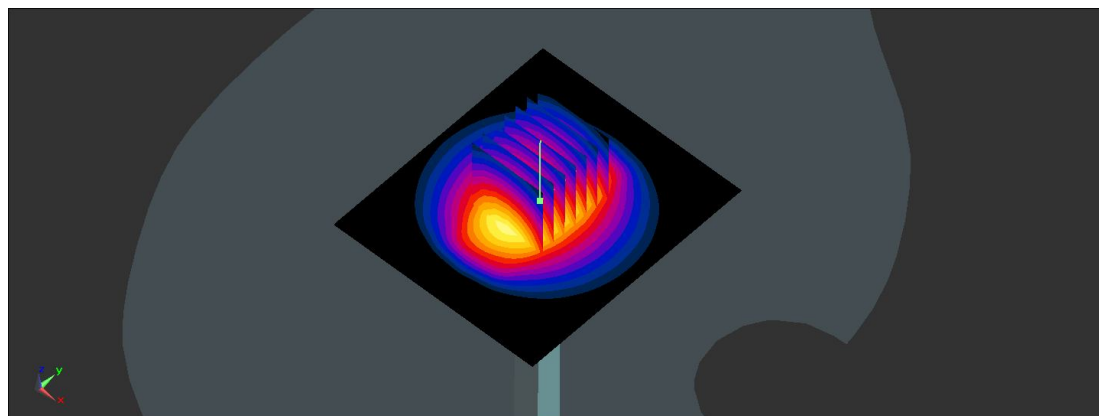
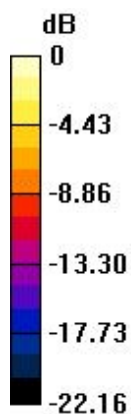
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.577 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 24.8 W/kg

**SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.59 W/kg**

Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.3 W/kg



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

The plots are shown as follows.



**45 GSM850\_GSM Voice\_Right Cheek\_Ch128**

Communication System: GSM Voice; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_131006 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.370 W/kg

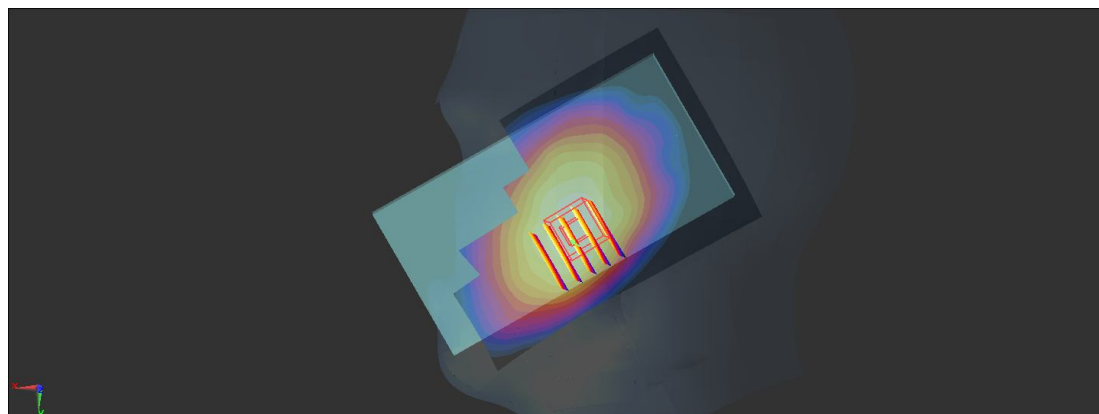
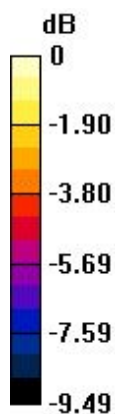
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.642 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.405 W/kg

**SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.261 W/kg**

Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg

**46 GSM850\_GSM Voice\_Right Tilted\_Ch128**

Communication System: GSM Voice; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_131006 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 W/kg

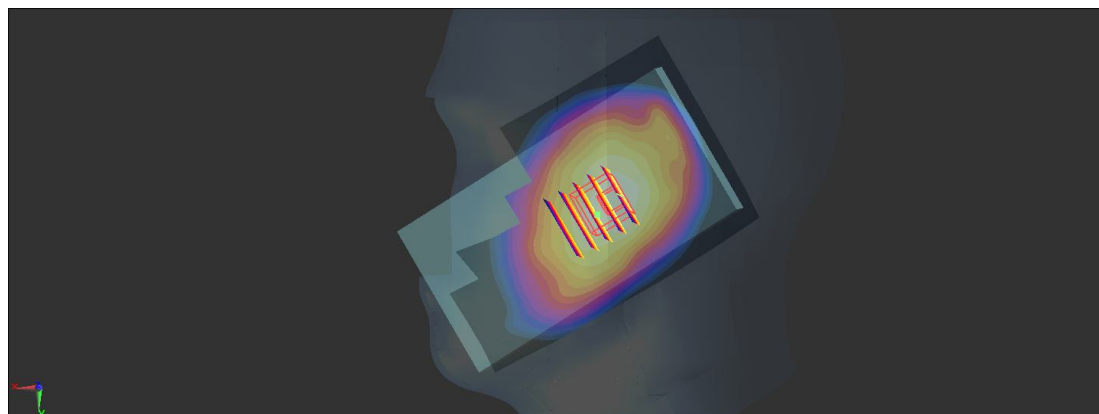
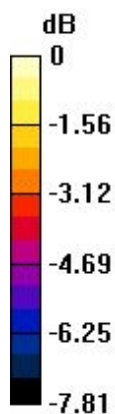
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.997 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg

**47 GSM850\_GSM Voice\_Left Cheek\_Ch128**

Communication System: GSM Voice; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_131006 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.355 W/kg

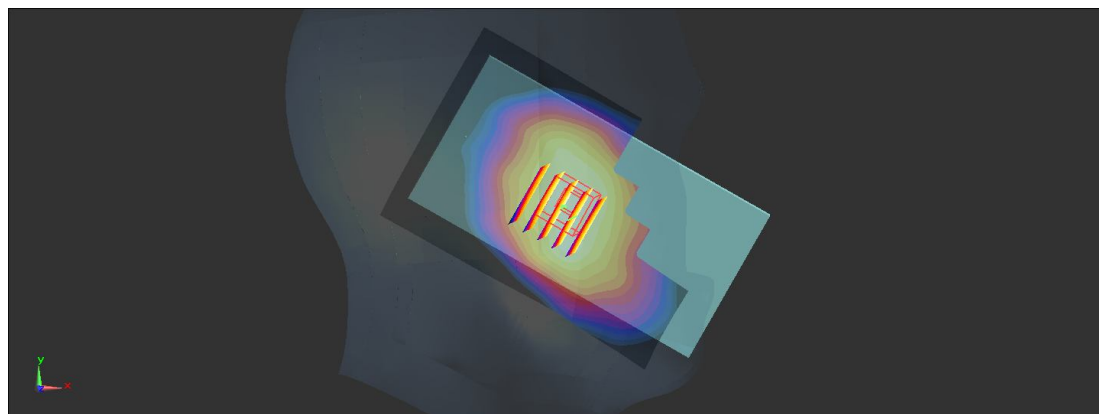
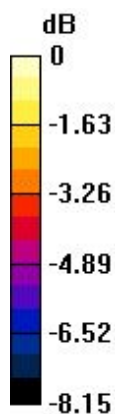
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.646 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.264 W/kg**

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

**48 GSM850\_GSM Voice\_Left Tilted\_Ch128**

Communication System: GSM Voice; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_131006 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.909$  S/m;  $\epsilon_r = 41.626$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.220 W/kg

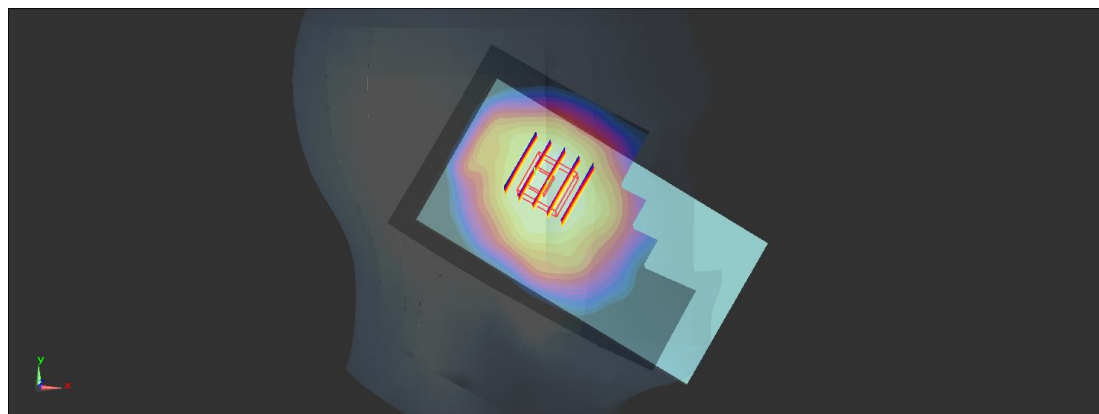
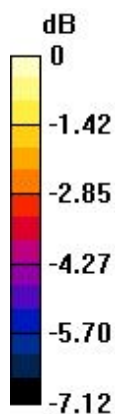
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.170 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.161 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg

**37 GSM1900\_GSM Voice\_Right Cheek\_Ch810**

Communication System: GSM Voice; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.124 W/kg

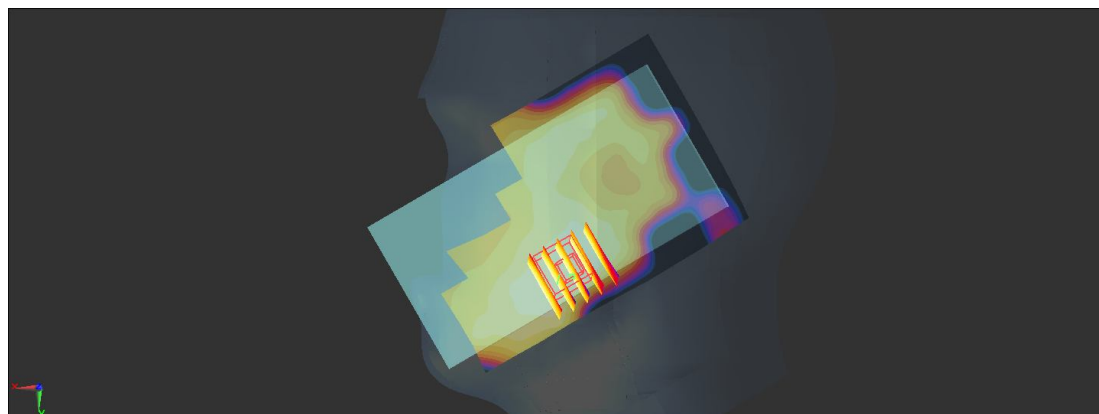
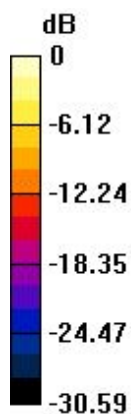
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.967 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.0942 W/kg



0 dB = 0.0942 W/kg

**38 GSM1900\_GSM Voice\_Right Tilted\_Ch810**

Communication System: GSM Voice; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

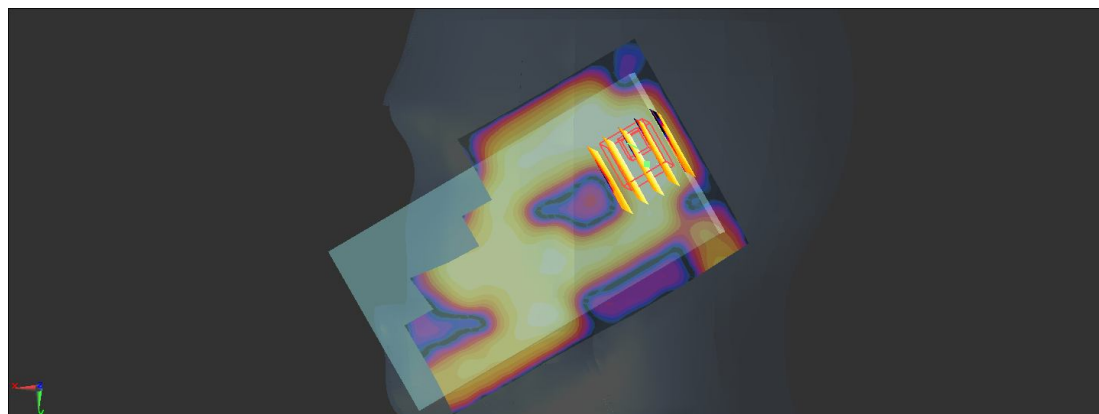
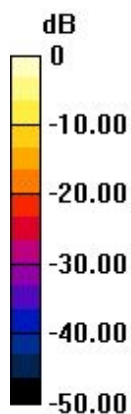
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.417 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0790 W/kg

**SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0623 W/kg



0 dB = 0.0623 W/kg

**39 GSM1900\_GSM Voice\_Left Cheek\_Ch810**

Communication System: GSM Voice; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

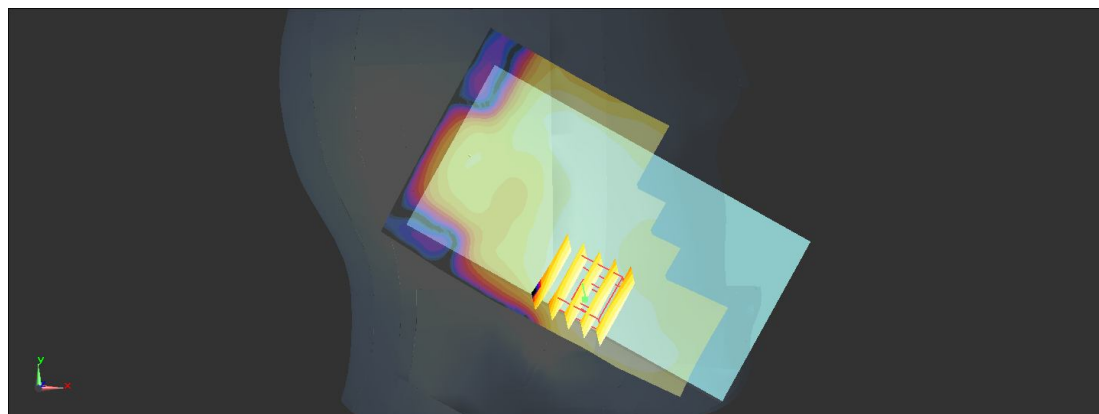
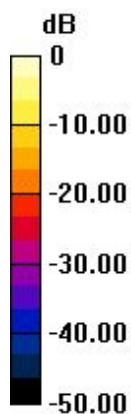
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.270 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.0946 W/kg



0 dB = 0.0946 W/kg

**40 GSM1900\_GSM Voice\_Left Tilted\_Ch810**

Communication System: GSM Voice; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.0573 W/kg

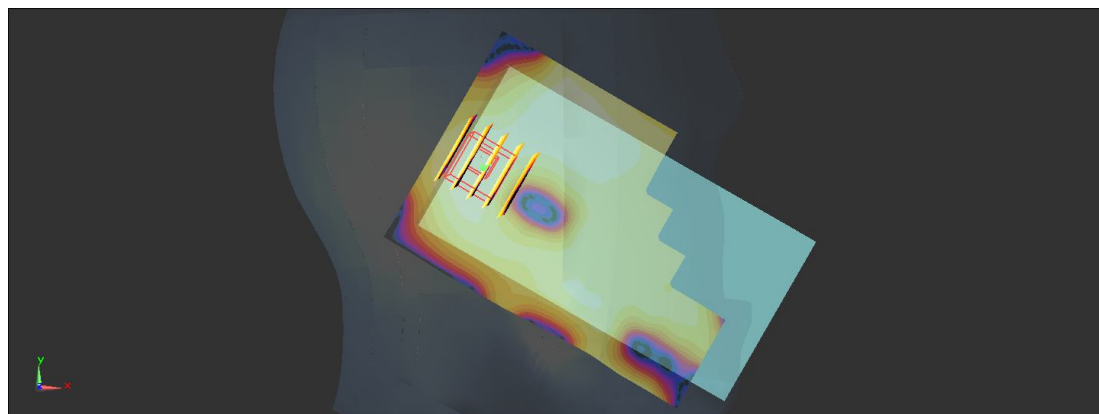
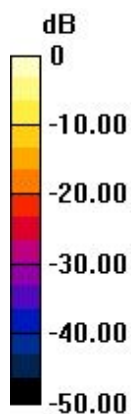
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.502 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0630 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0531 W/kg



0 dB = 0.0531 W/kg



**49 WCDMA Band V\_RMC 12.2K\_Right Cheek\_Ch4182**

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

Medium: HSL\_835\_131006 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.326 W/kg

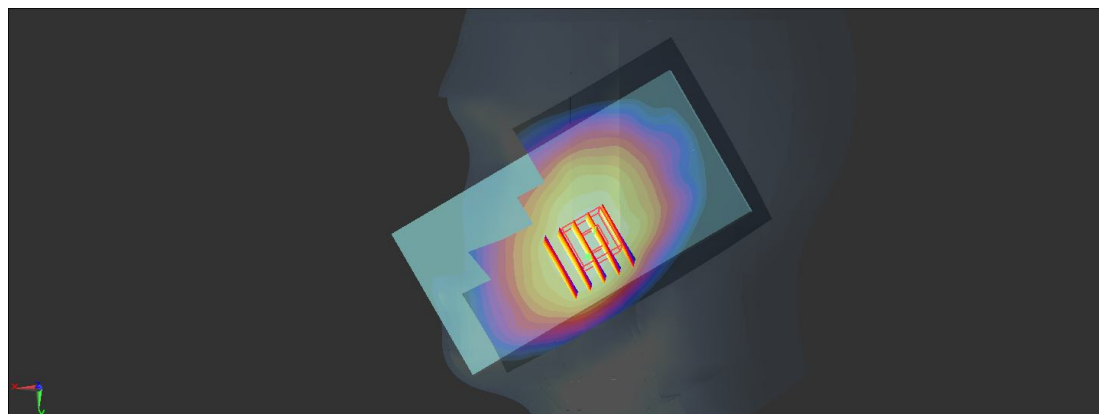
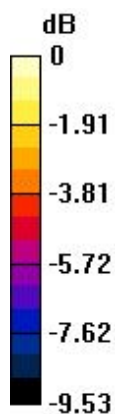
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.204 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg

**50 WCDMA Band V\_RMC 12.2K\_Right Tilted\_Ch4182**

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

Medium: HSL\_835\_131006 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.161 W/kg

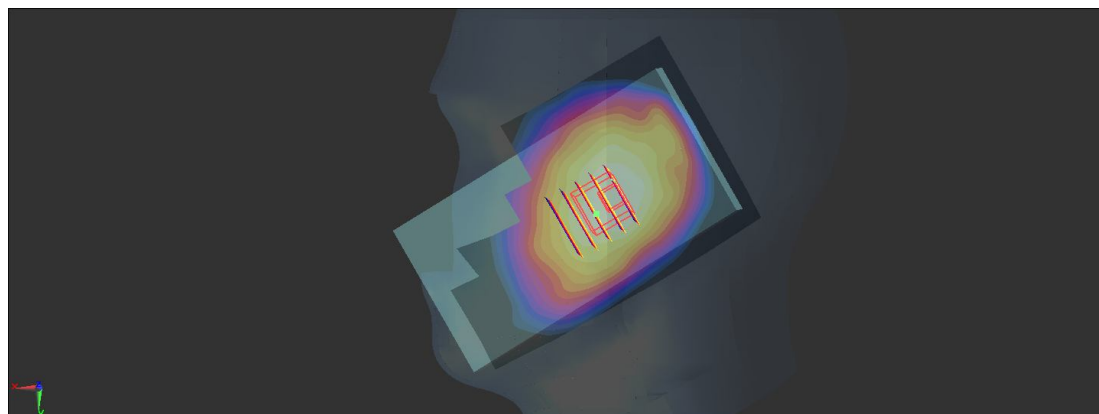
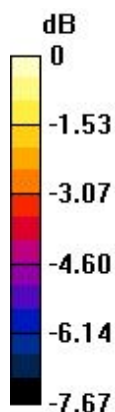
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.187 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.175 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg

**51 WCDMA Band V\_RMC 12.2K\_Left Cheek\_Ch4182**

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

Medium: HSL\_835\_131006 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.309 W/kg

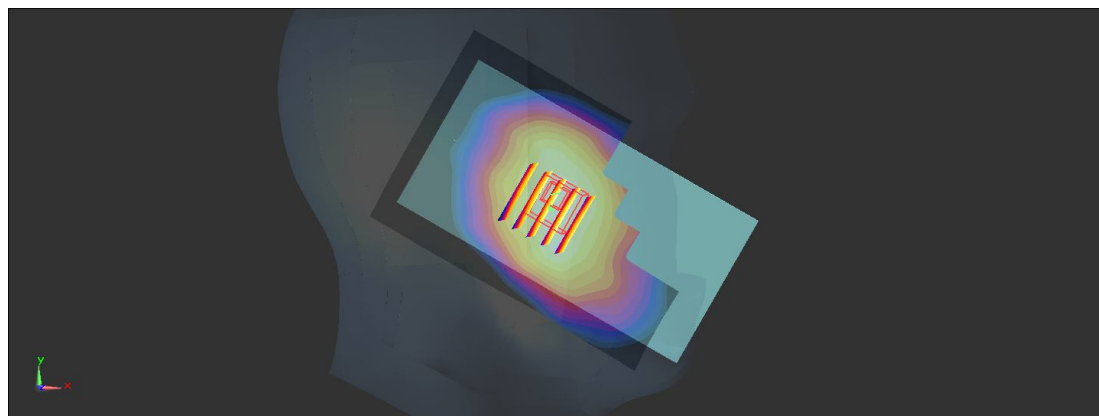
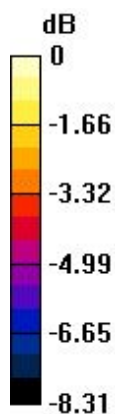
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.171 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

**52 WCDMA Band V\_RMC 12.2K\_Left Tilted\_Ch4182**

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

Medium: HSL\_835\_131006 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 41.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(10.05, 10.05, 10.05); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.191 W/kg

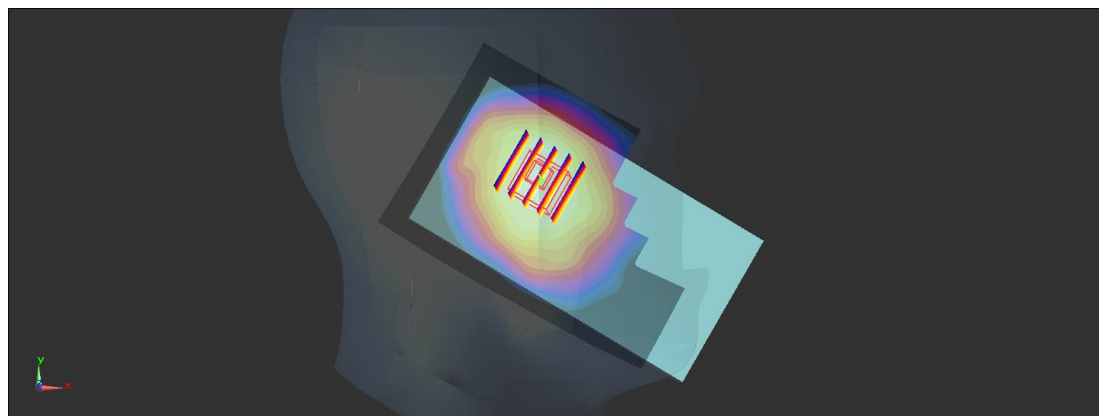
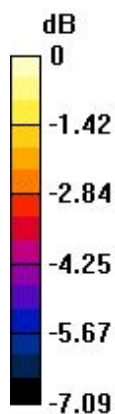
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.294 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.188 W/kg



0 dB = 0.188 W/kg

**41 WCDMA Band II\_RMC 12.2K\_Right Cheek\_Ch9262**

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

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 W/kg

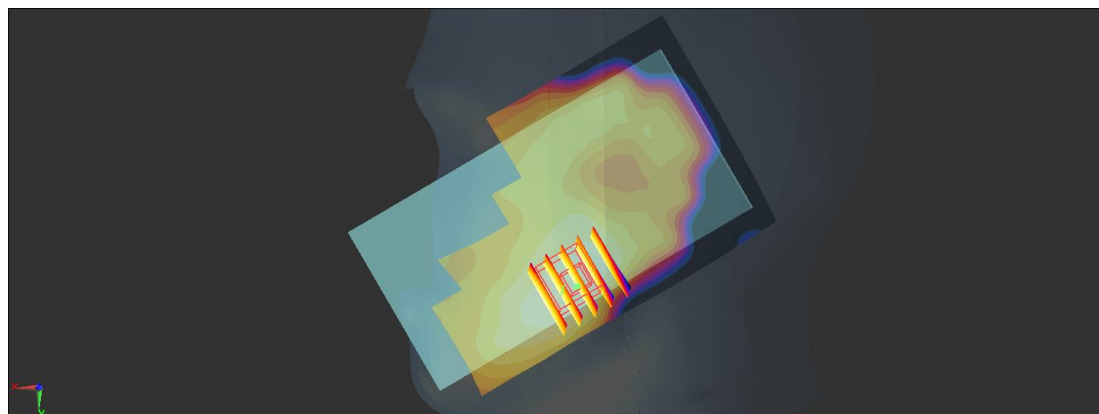
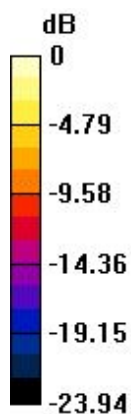
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.881 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.203 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg

**42 WCDMA Band II\_RMC 12.2K\_Right Tilted\_Ch9262**

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

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

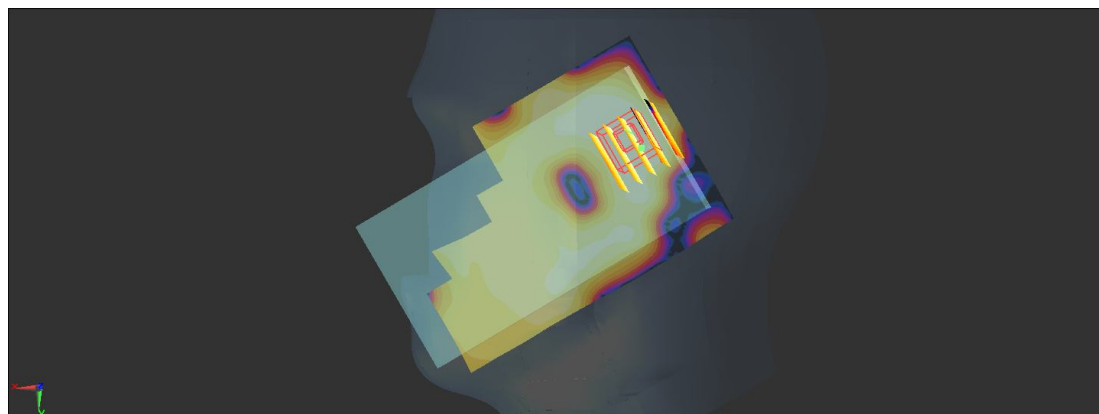
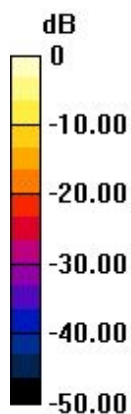
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.251 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg

**43 WCDMA Band II\_RMC 12.2K\_Left Cheek\_Ch9262**

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

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.147 W/kg

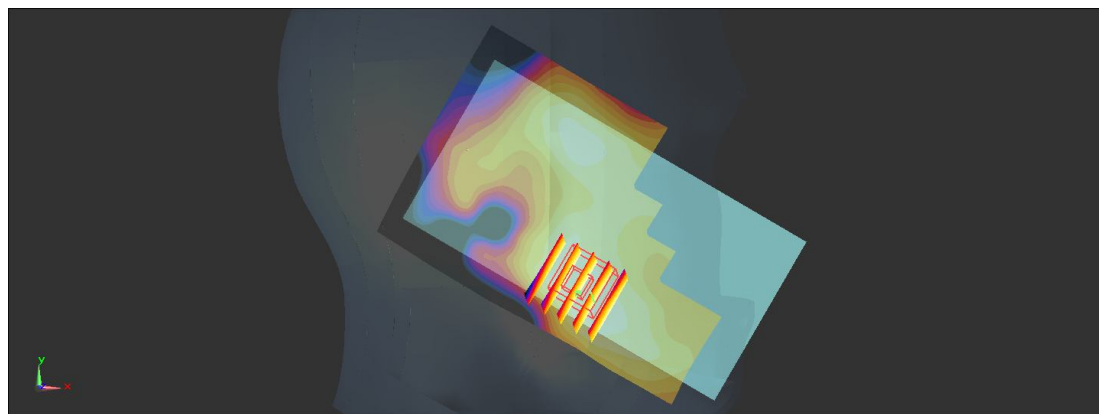
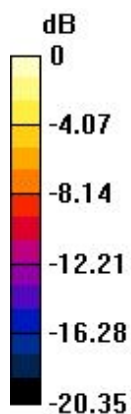
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.650 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg

**44 WCDMA Band II\_RMC 12.2K\_Left Tilted\_Ch9262**

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

Medium: HSL\_1900\_131006 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.25, 8.25, 8.25); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0880 W/kg

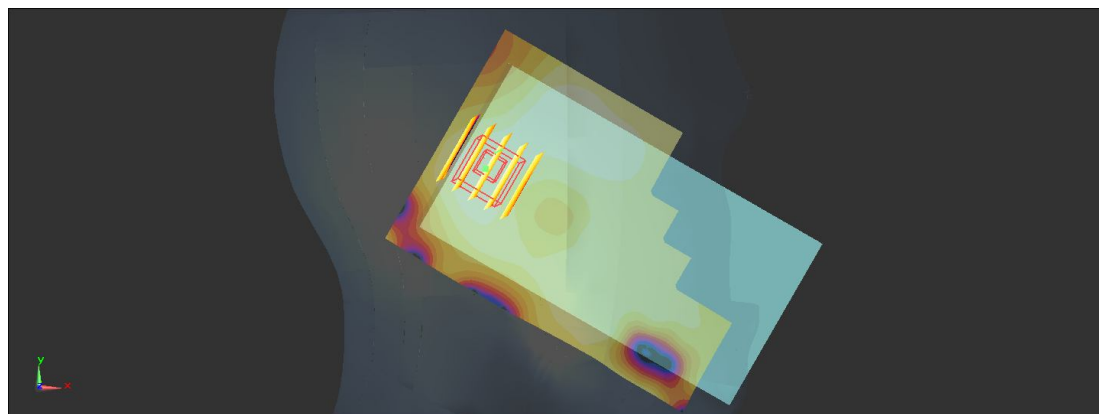
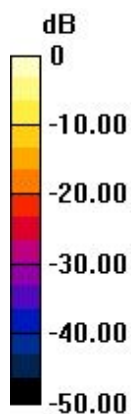
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.157 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.040 W/kg**

Maximum value of SAR (measured) = 0.0890 W/kg



0 dB = 0.0890 W/kg



**53 WLAN 2.4GHz\_802.11b\_Right Cheek\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 37.788$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.217 W/kg

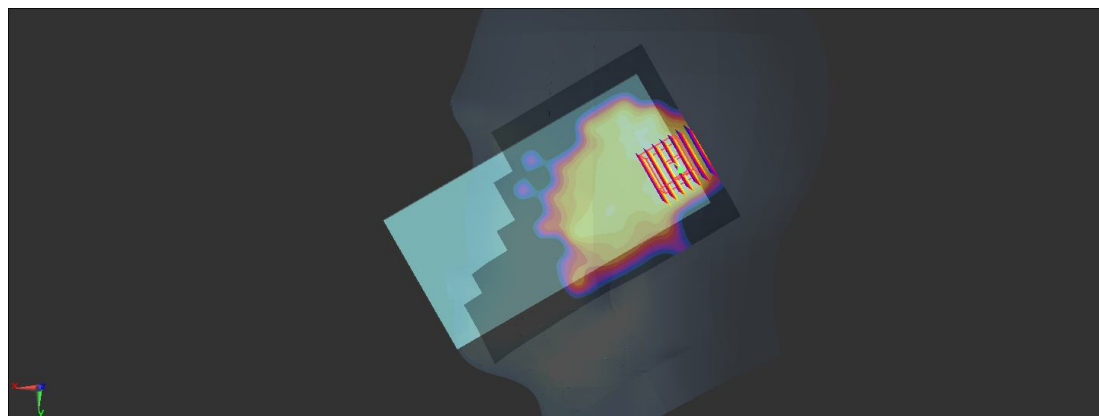
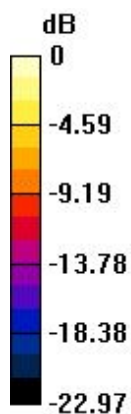
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.284 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.072 W/kg**

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



0 dB = 0.214 W/kg

**54 WLAN 2.4GHz\_802.11b\_Right Tilted\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 37.788$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.229 W/kg

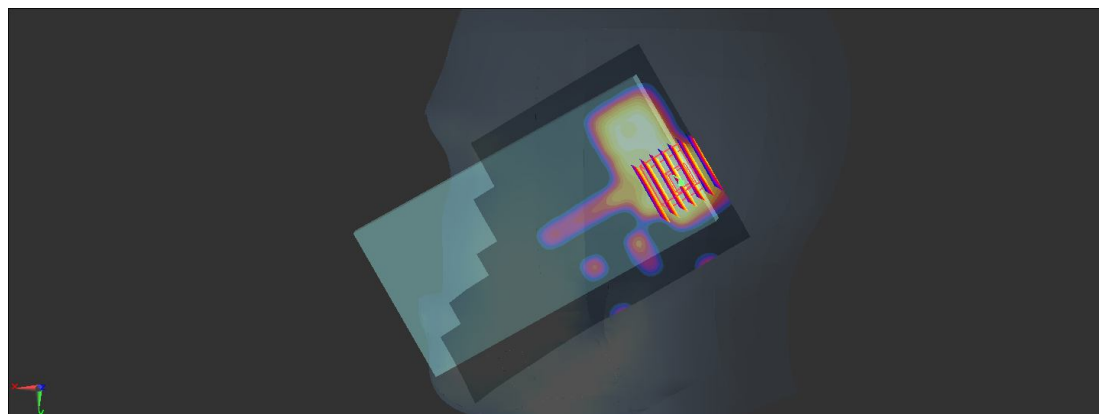
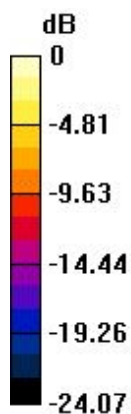
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.270 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg

**55 WLAN 2.4GHz\_802.11b\_Left Cheek\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 37.788$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.416 W/kg

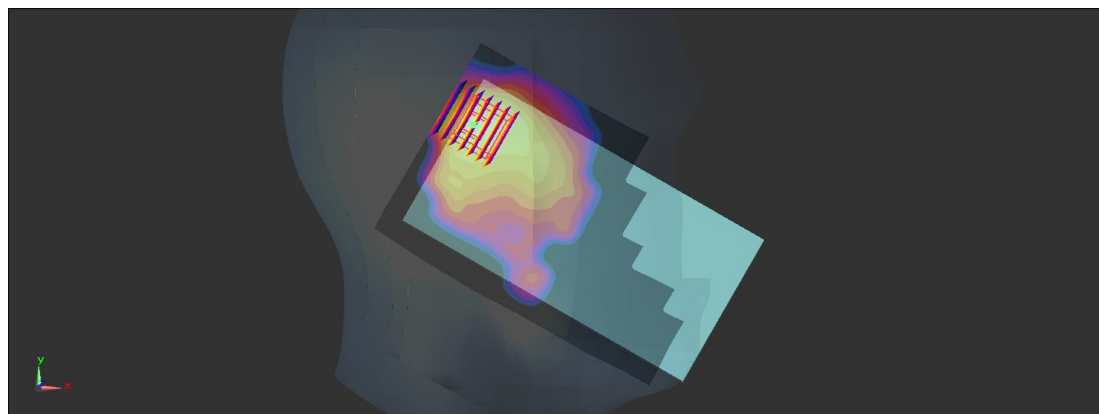
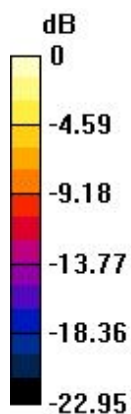
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.086 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.660 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.484 W/kg

**56 WLAN 2.4GHz\_802.11b\_Left Tilted\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.768$  S/m;  $\epsilon_r = 37.788$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.22, 7.22, 7.22); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.358 W/kg

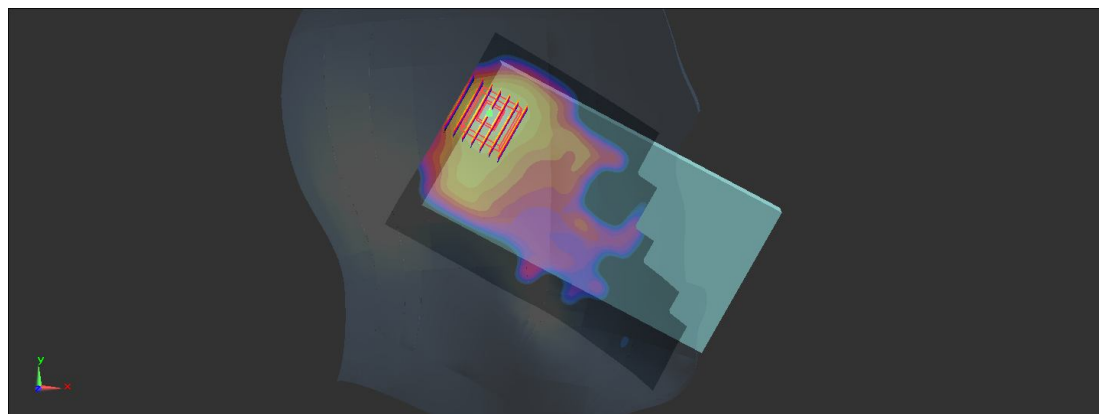
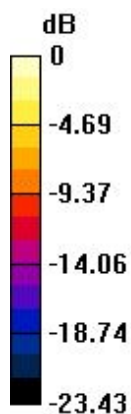
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.355 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.520 W/kg

**SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg

**24 GSM850\_GPRS (GMSK 4 Tx slots)\_Front 1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.850 W/kg

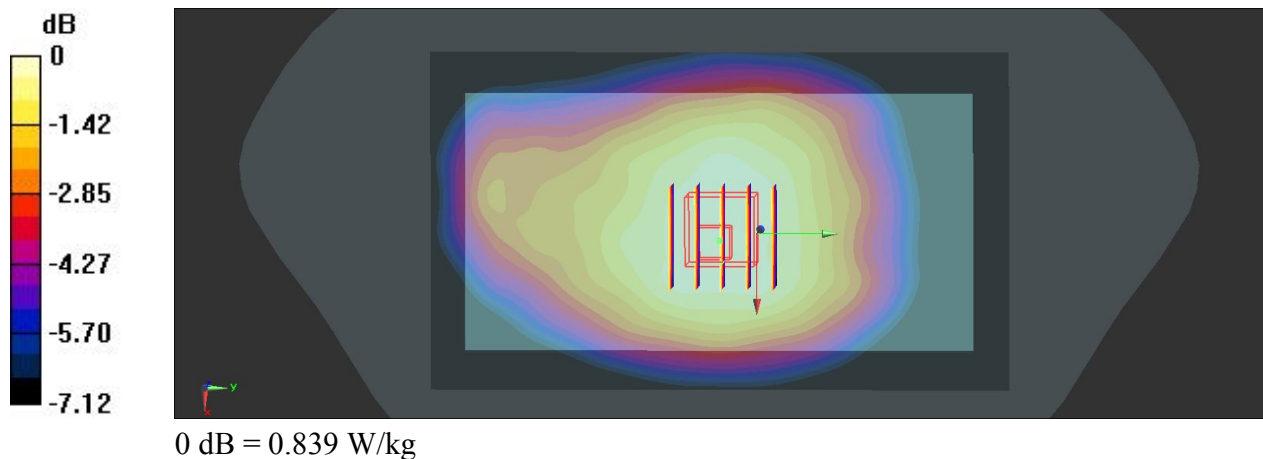
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.385 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.917 W/kg

**SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.591 W/kg**

Maximum value of SAR (measured) = 0.839 W/kg



**25 GSM850\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.999 W/kg

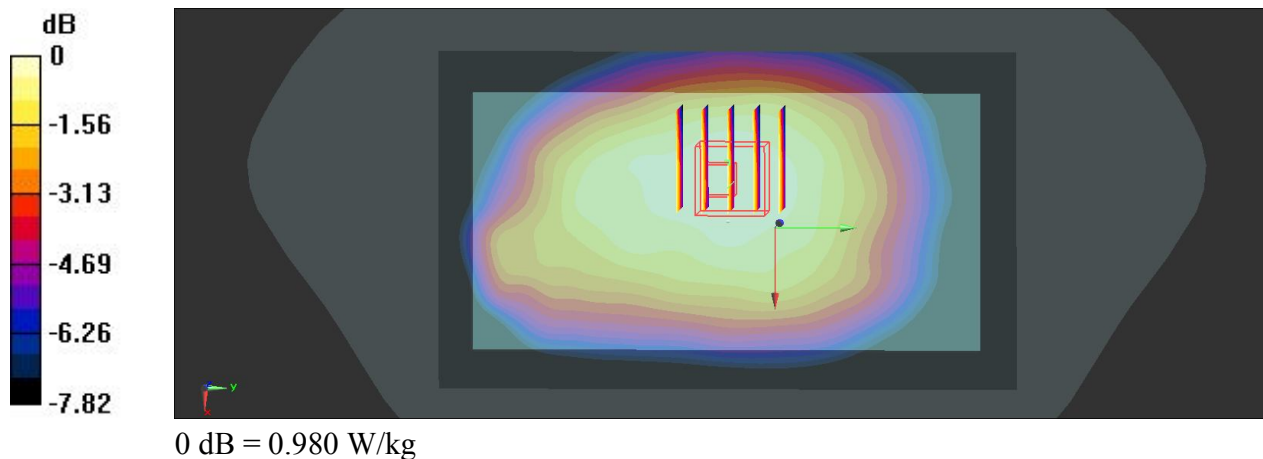
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.747 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.678 W/kg**

Maximum value of SAR (measured) = 0.980 W/kg



**36 GSM850\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch128\_Repeat SAR**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.989 W/kg

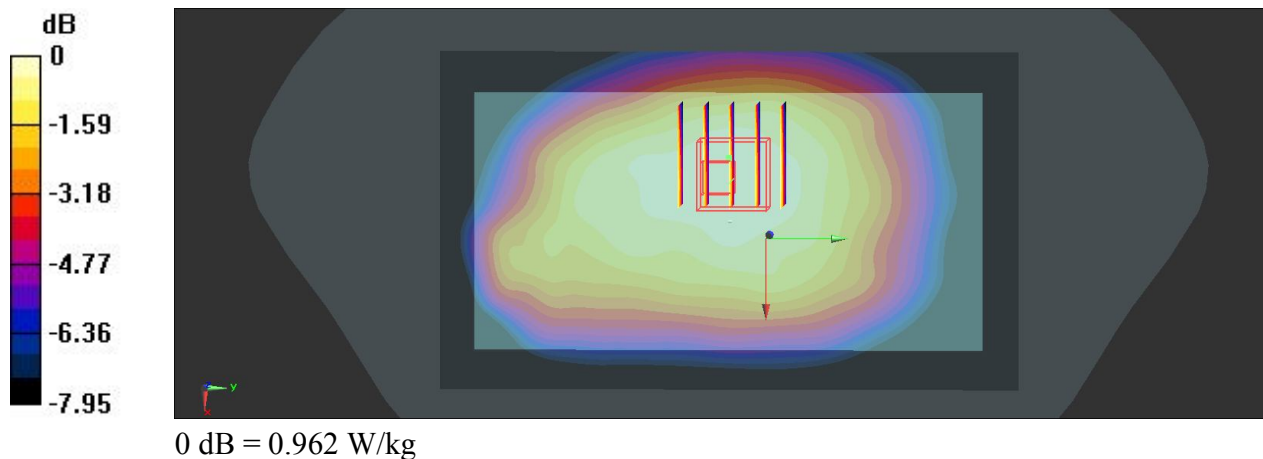
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.529 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.667 W/kg**

Maximum value of SAR (measured) = 0.962 W/kg



**26 GSM850\_GPRS (GMSK 4 Tx slots)\_Left side 1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (31x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 W/kg

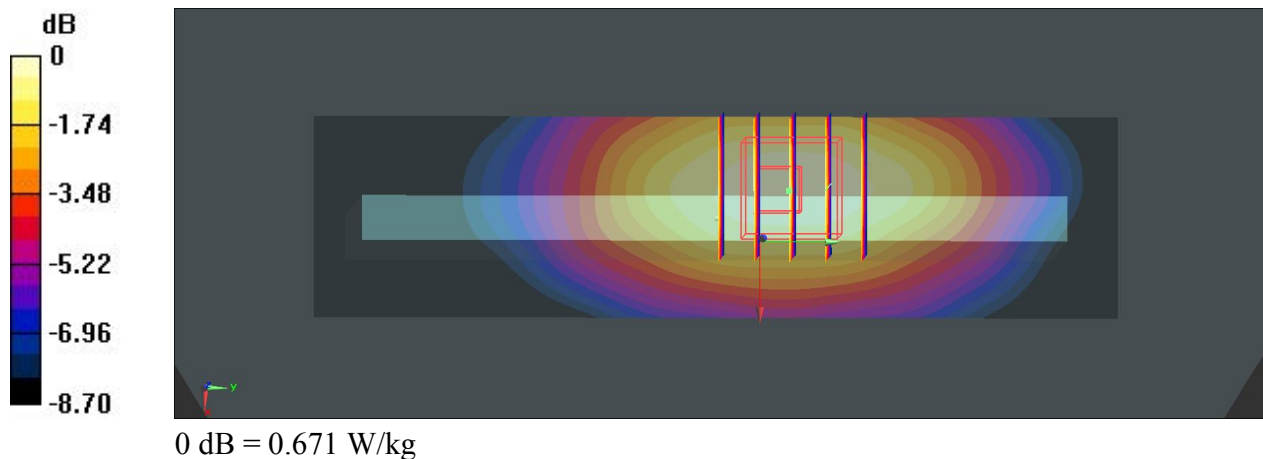
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.418 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.764 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.405 W/kg**

Maximum value of SAR (measured) = 0.671 W/kg





**27 GSM850\_GPRS (GMSK 4 Tx slots)\_Bottom side 1cm\_Ch128**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.545 W/kg

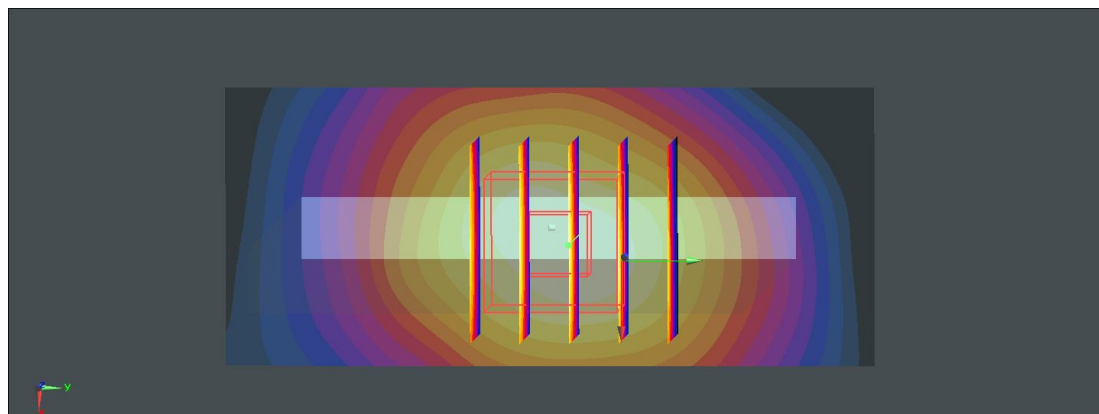
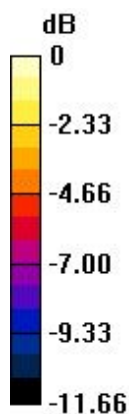
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.458 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.648 W/kg

**SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg

**28 GSM850\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch189**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_835\_131005 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.073$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch189/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.971 W/kg

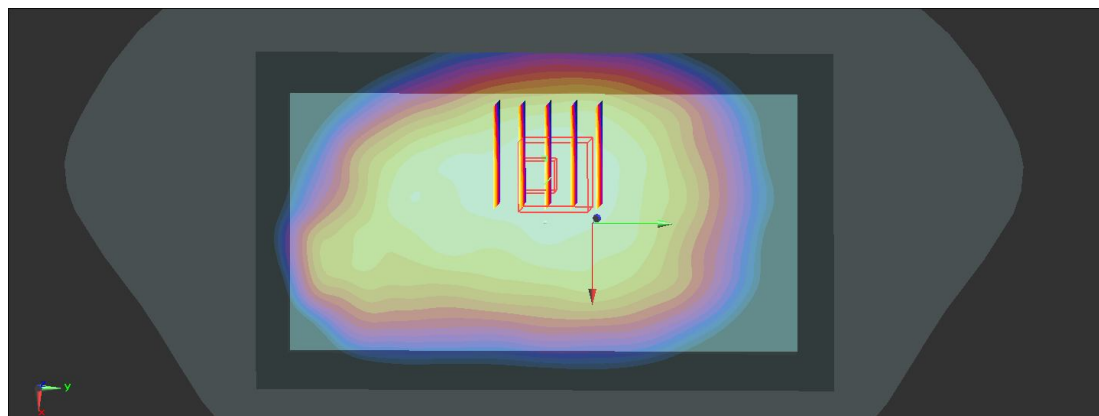
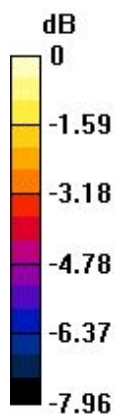
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.912 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.650 W/kg**

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg

**29 GSM850\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch251**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_835\_131005 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 53.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.888 W/kg

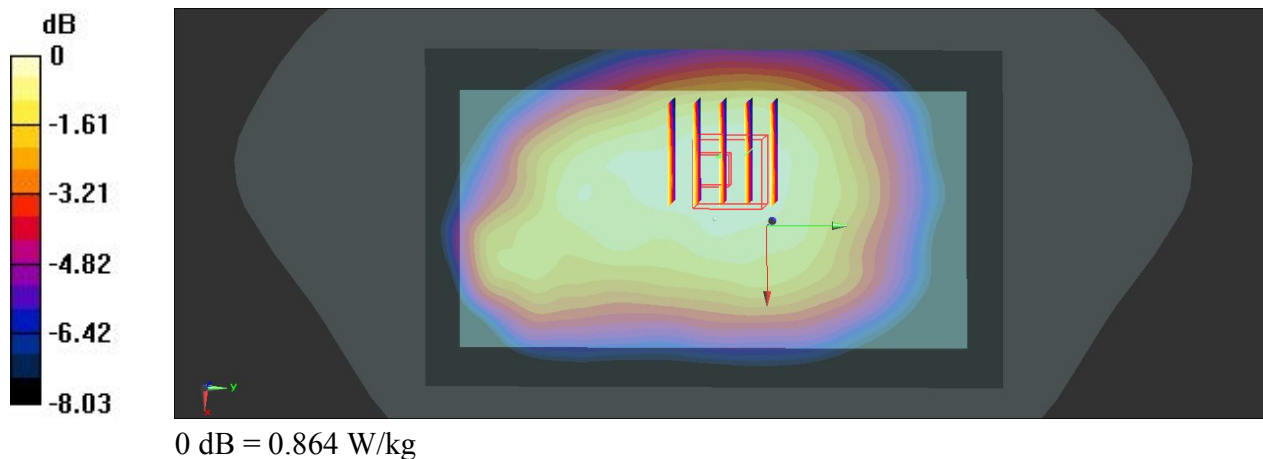
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.296 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.954 W/kg

**SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.590 W/kg**

Maximum value of SAR (measured) = 0.864 W/kg



**30 GSM850\_GSM Voice\_Front 1cm\_Ch128**

Communication System: GSM Voice; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

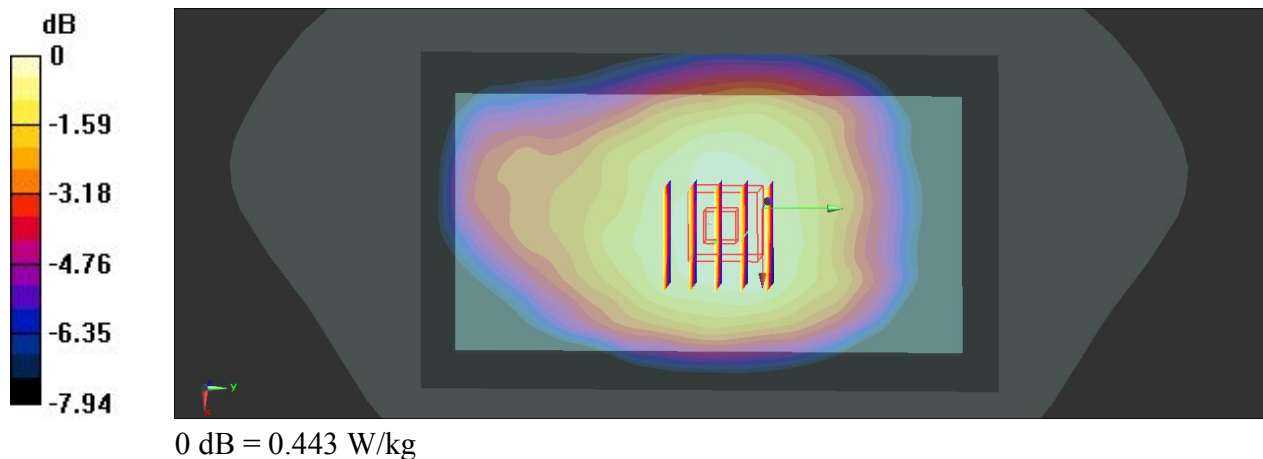
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.823 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.309 W/kg**

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



**31 GSM850\_GSM Voice\_Back 1cm\_Ch128**

Communication System: GSM Voice; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL\_835\_131005 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.16$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch128/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.550 W/kg

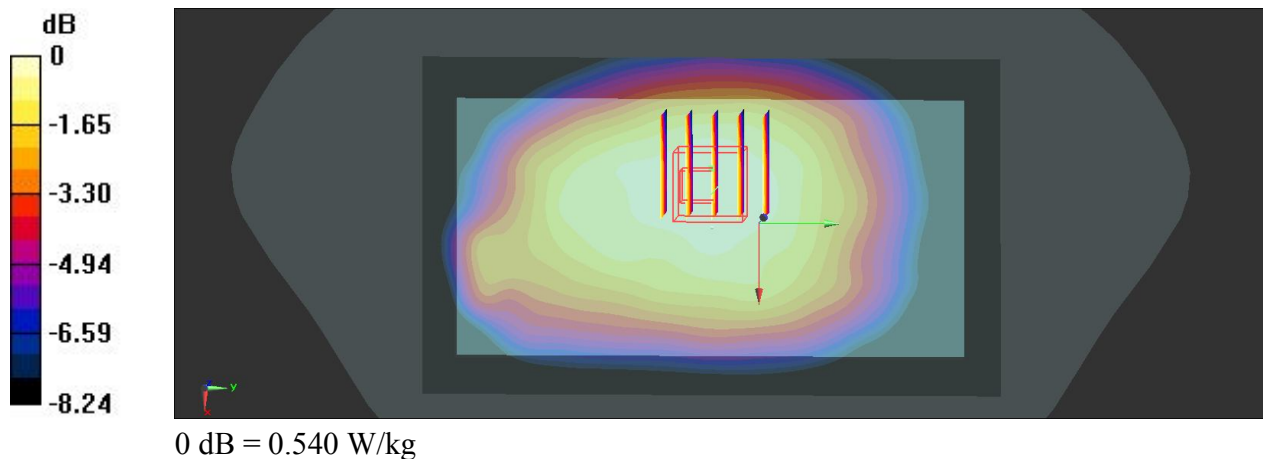
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.409 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.590 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.371 W/kg**

Maximum value of SAR (measured) = 0.540 W/kg



**11 GSM1900\_GPRS (GMSK 4 Tx slots)\_Front 1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

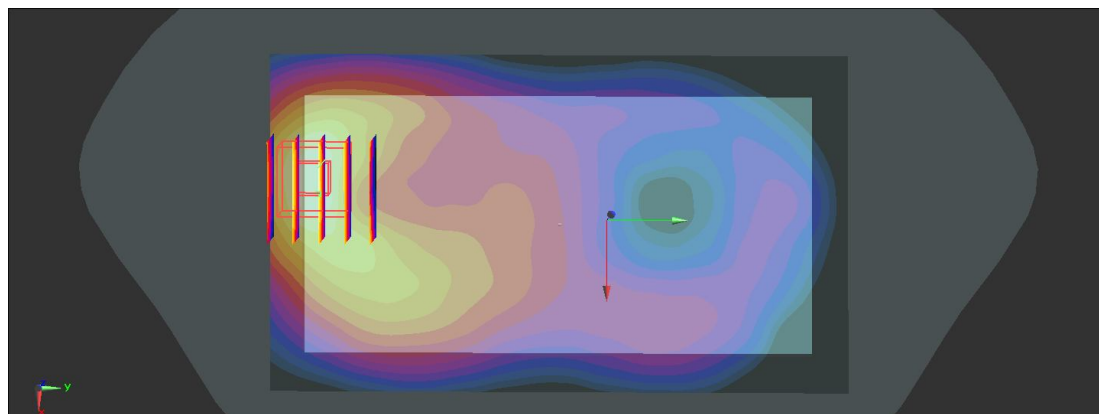
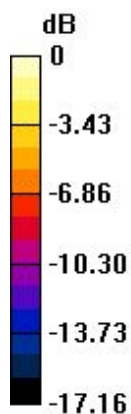
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.146 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.481 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

**12 GSM1900\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 1.08 W/kg

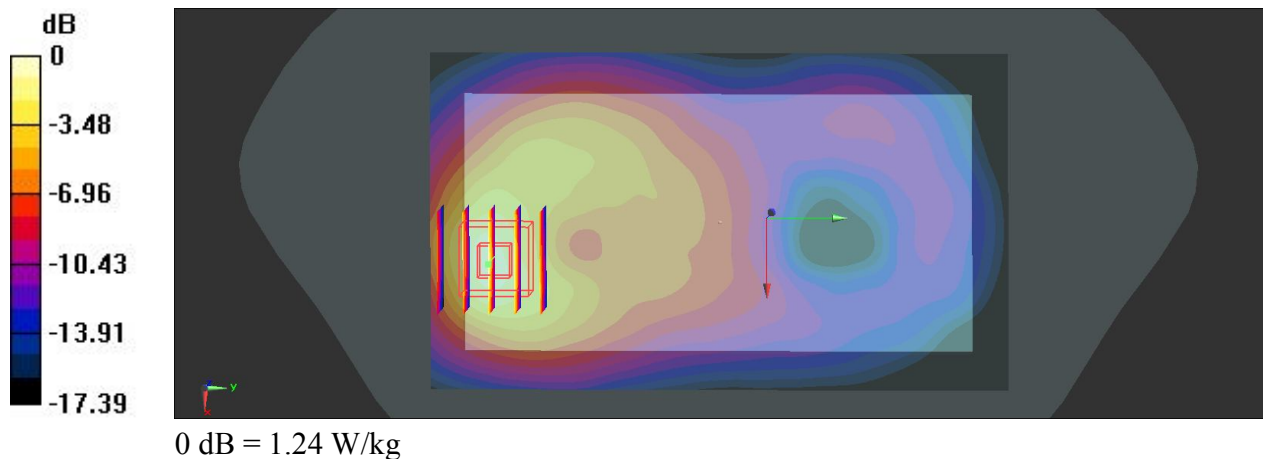
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.011 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.525 W/kg**

Maximum value of SAR (measured) = 1.24 W/kg





**13 GSM1900\_GPRS (GMSK 4 Tx slots)\_Left side 1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (31x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

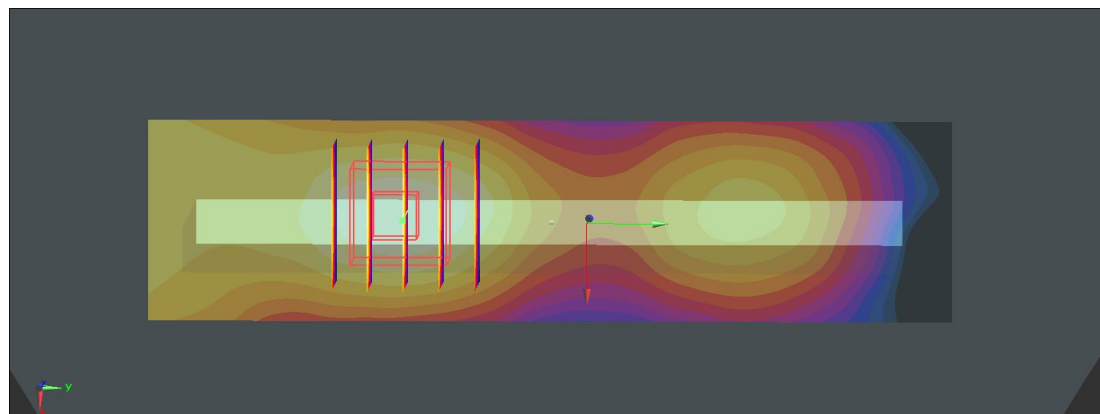
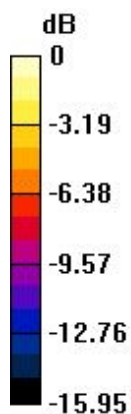
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.524 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.289 W/kg

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

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



0 dB = 0.240 W/kg



**14 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side 1cm\_Ch810**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

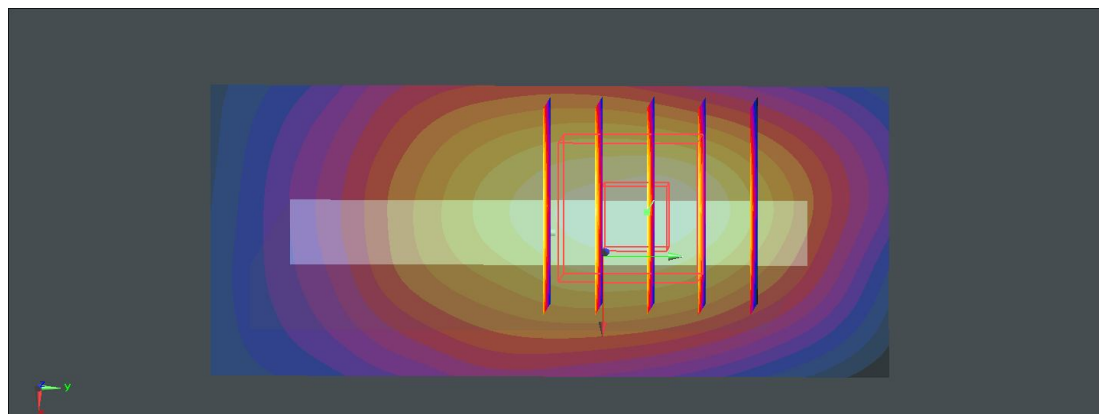
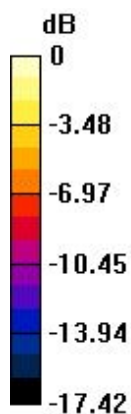
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.671 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.060 W/kg; SAR(10 g) = 0.601 W/kg**

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



0 dB = 1.47 W/kg

**15 GSM1900\_GPRS (GMSK 4 Tx slots)\_Front 1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 54.773$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 W/kg

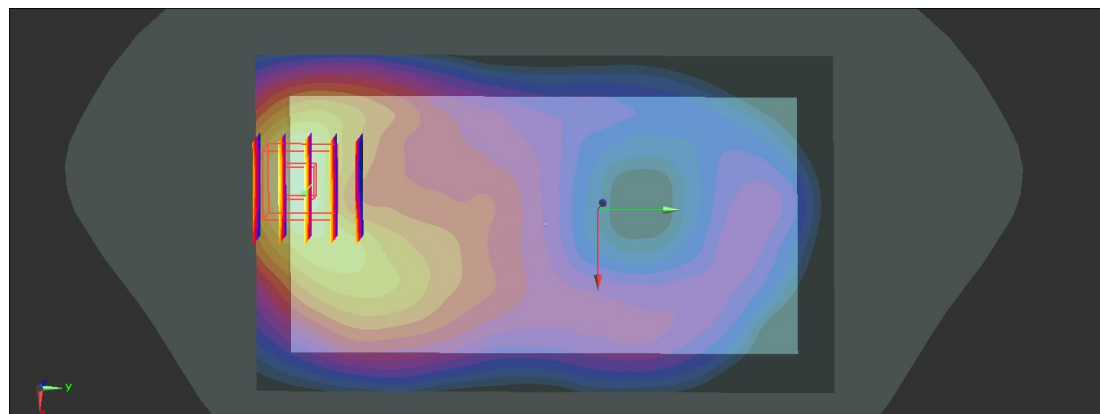
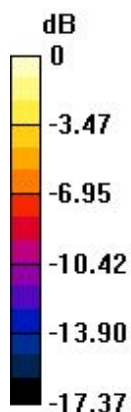
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.789 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.481 W/kg**

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



0 dB = 1.15 W/kg

**16 GSM1900\_GPRS (GMSK 4 Tx slots)\_Front 1cm\_Ch661**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

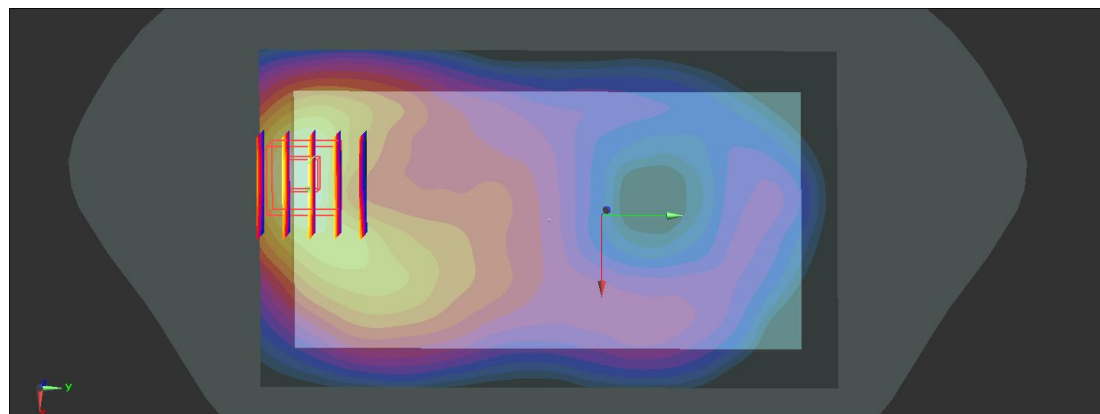
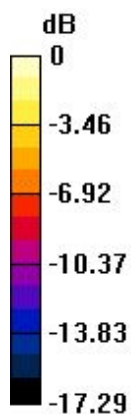
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.457 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.464 W/kg**

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



0 dB = 1.13 W/kg

**17 GSM1900\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 54.773$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 W/kg

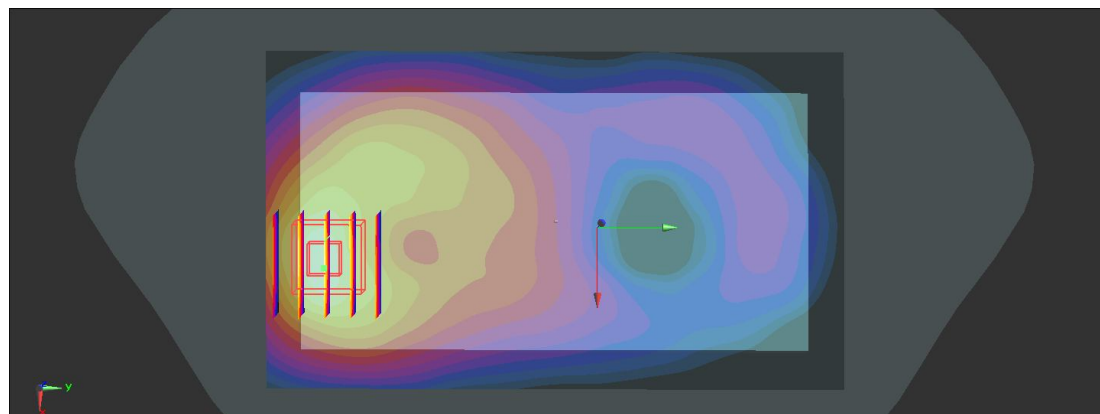
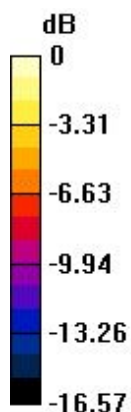
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.485 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.501 W/kg**

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



0 dB = 1.13 W/kg

**18 GSM1900\_GPRS (GMSK 4 Tx slots)\_Back 1cm\_Ch661**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 W/kg

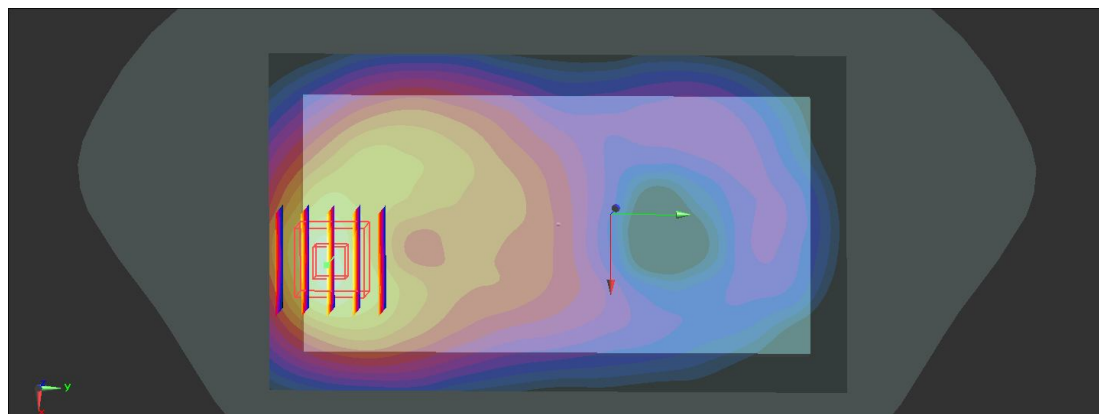
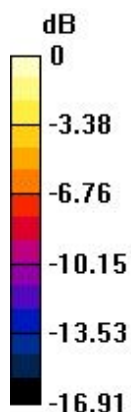
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.176 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.499 W/kg**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

**19 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side 1cm\_Ch512**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 54.773$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch512/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

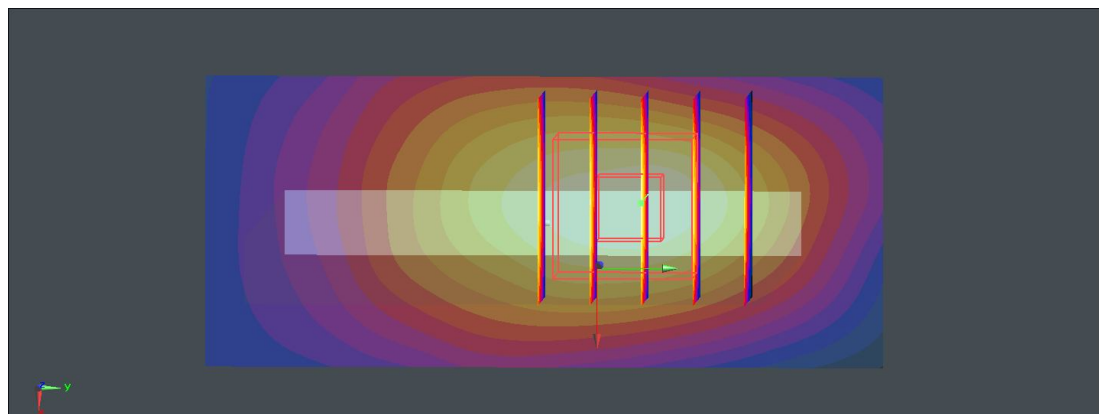
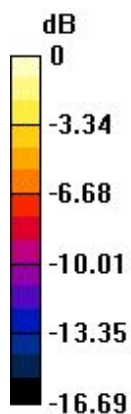
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.787 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.050 W/kg; SAR(10 g) = 0.586 W/kg**

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



0 dB = 1.35 W/kg

**20 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side 1cm\_Ch661**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.46 W/kg

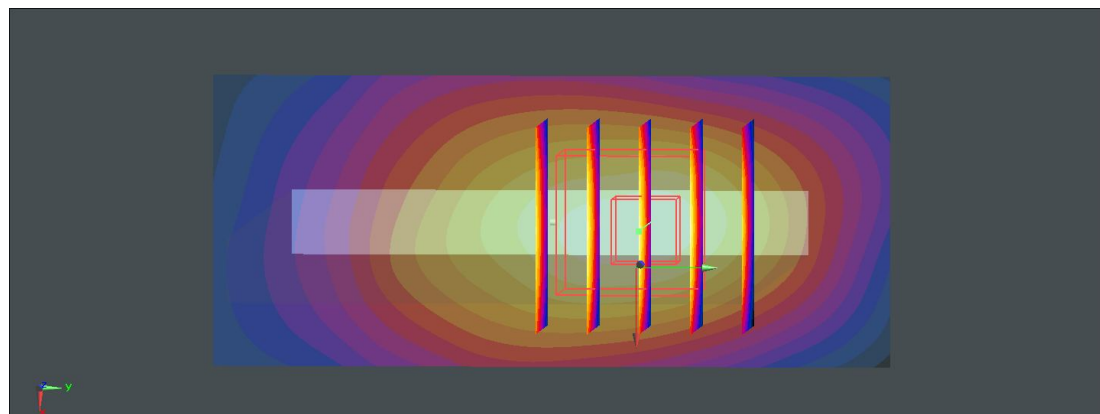
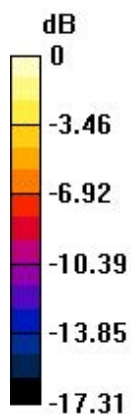
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.030 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 1.090 W/kg; SAR(10 g) = 0.605 W/kg**

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg



**23 GSM1900\_GPRS (GMSK 4 Tx slots)\_Bottom side 1cm\_Ch661\_Repeat SAR**

Communication System: GPRS/EDGE (4 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.5 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch661/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

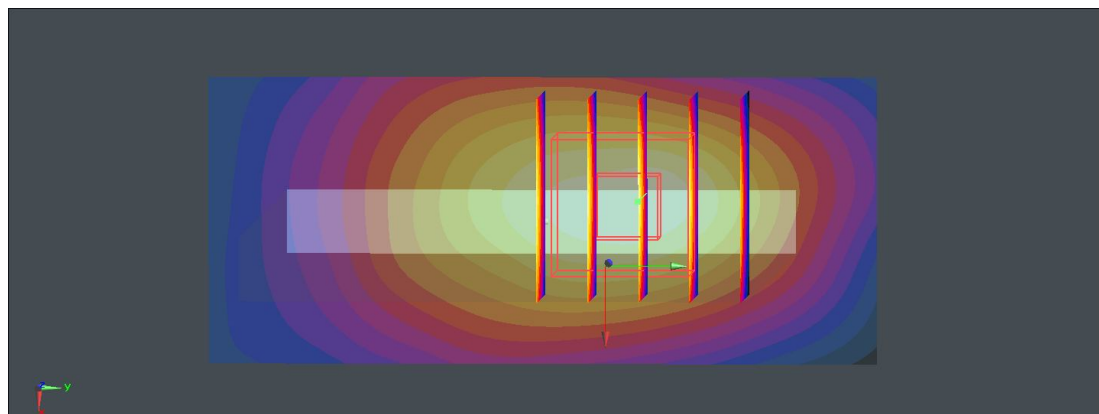
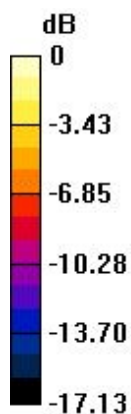
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.022 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 1.080 W/kg; SAR(10 g) = 0.603 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg



**21 GSM1900\_GSM Voice\_Front 1cm\_Ch810**

Communication System: GSM Voice; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.544 W/kg

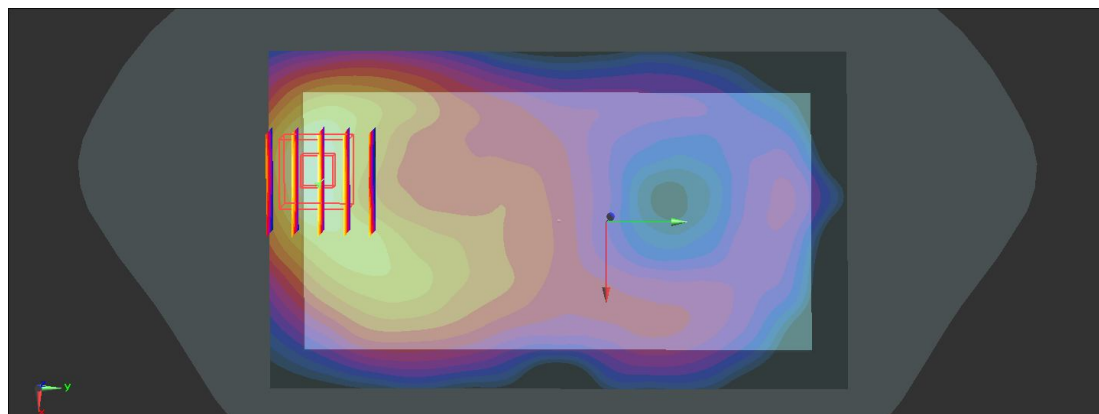
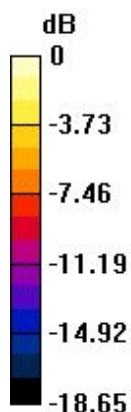
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.315 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.691 W/kg

**SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.236 W/kg**

Maximum value of SAR (measured) = 0.570 W/kg



0 dB = 0.570 W/kg

**22 GSM1900\_GSM Voice\_Back 1cm\_Ch810**

Communication System: GSM Voice; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.556 W/kg

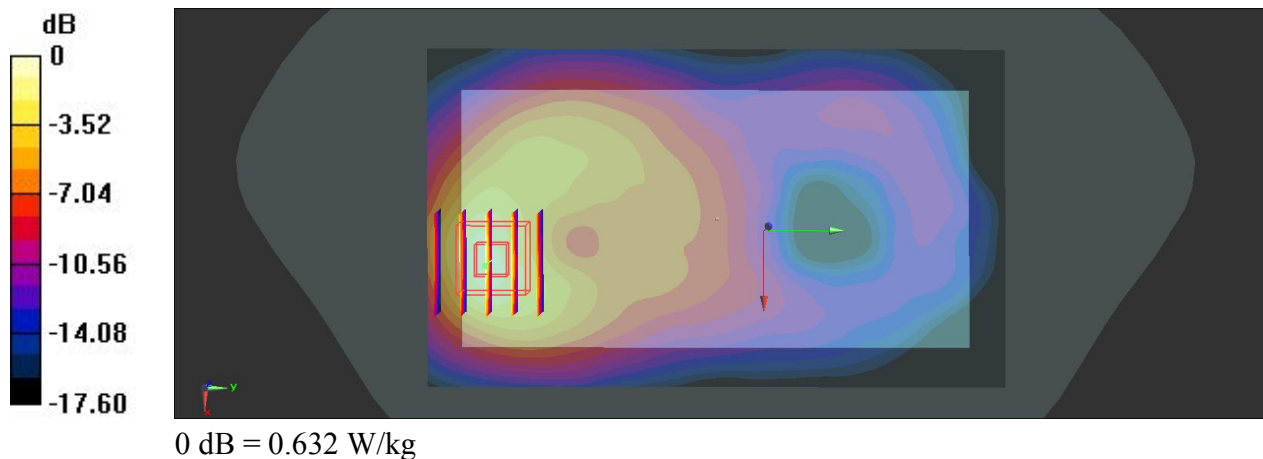
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.690 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.769 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.632 W/kg



**32 WCDMA Band V\_RMC 12.2K\_Front 1cm\_Ch4182**

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

Medium: MSL\_835\_131005 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.346 W/kg

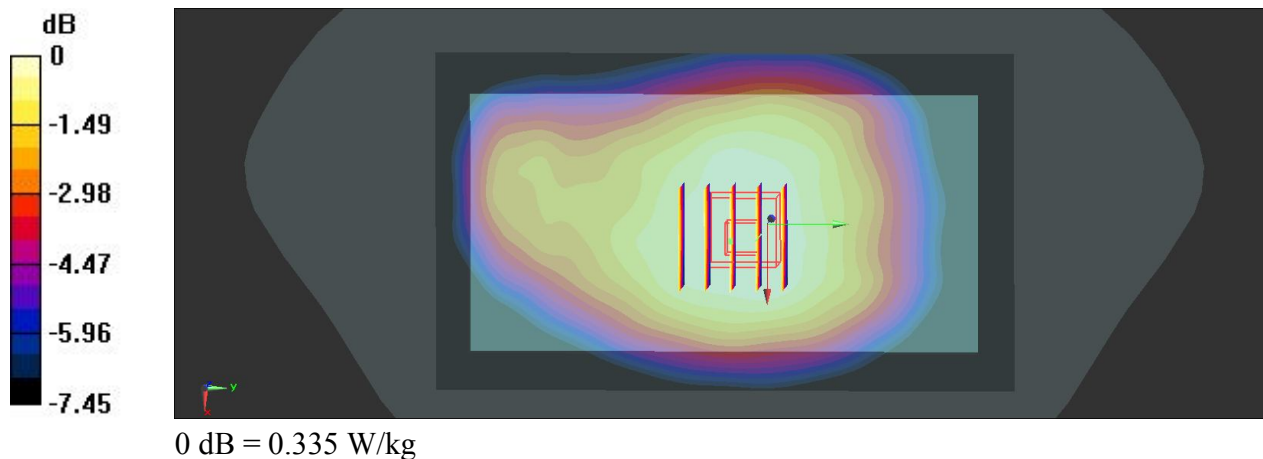
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.160 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.335 W/kg



**33 WCDMA Band V\_RMC 12.2K\_Back 1cm\_Ch4182**

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

Medium: MSL\_835\_131005 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.073$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.411 W/kg

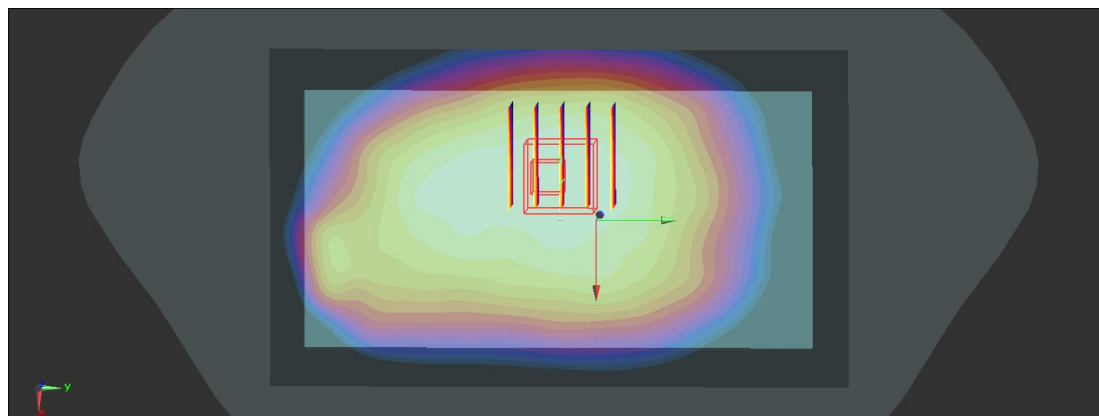
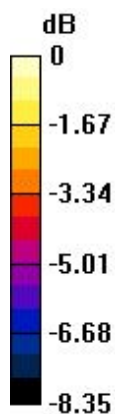
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.298 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.435 W/kg

**SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg

**34 WCDMA Band V\_RMC 12.2K\_Left side 1cm\_Ch4182**

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

Medium: MSL\_835\_131005 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.073$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (31x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.292 W/kg

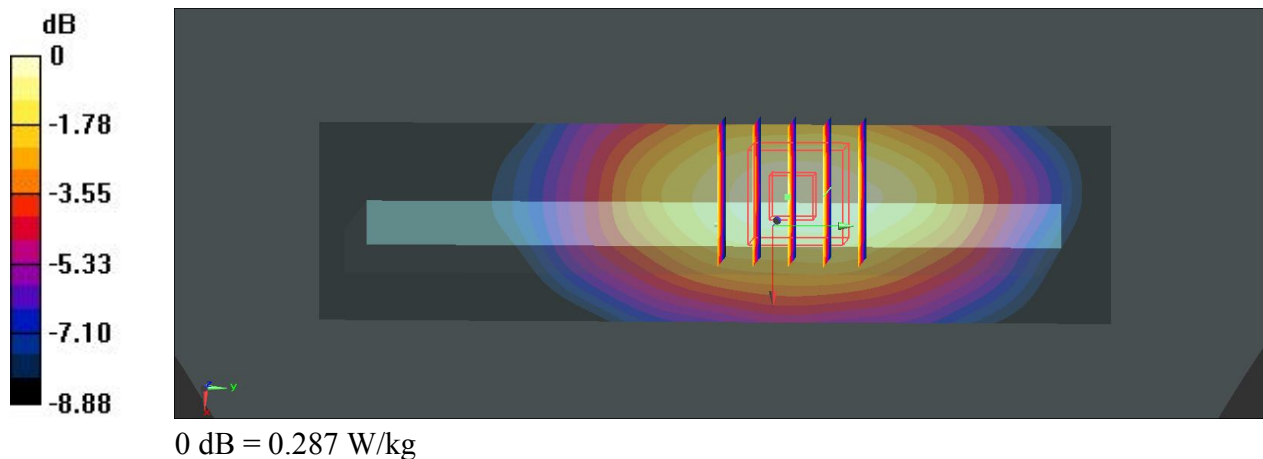
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.204 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.169 W/kg**

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



**35 WCDMA Band V\_RMC 12.2K\_Bottom side 1cm\_Ch4182**

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

Medium: MSL\_835\_131005 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.073$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(9.93, 9.93, 9.93); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch4182/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.253 W/kg

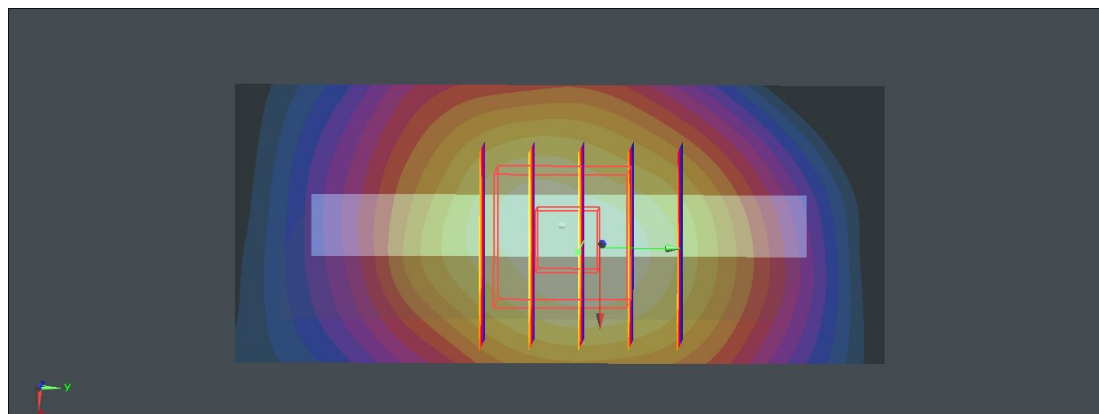
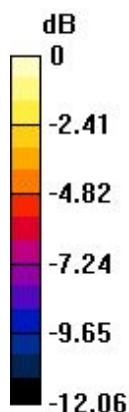
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.454 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.129 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg

**01 WCDMA Band II\_RMC 12.2K\_Front 1cm\_Ch9262**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.17 W/kg

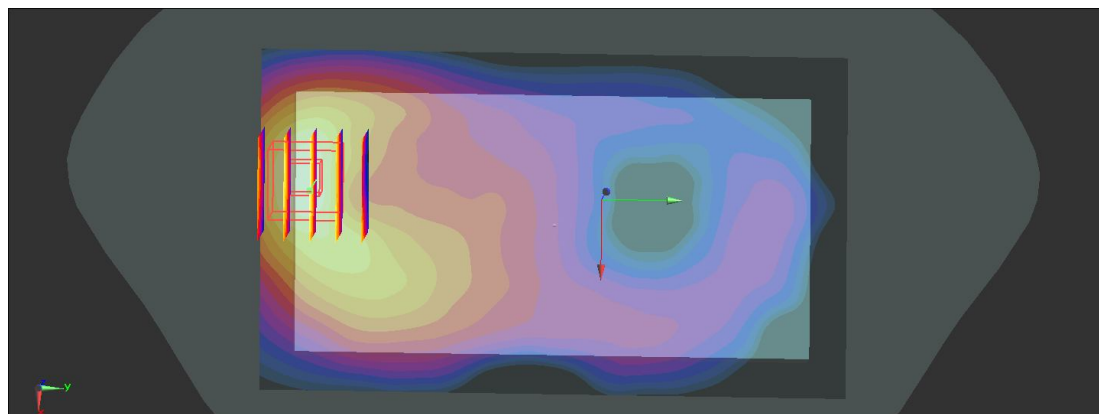
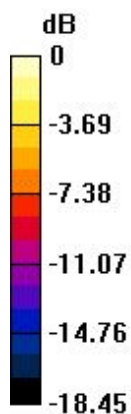
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.517 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.481 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg

**02 WCDMA Band II\_RMC 12.2K\_Back 1cm\_Ch9262**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 W/kg

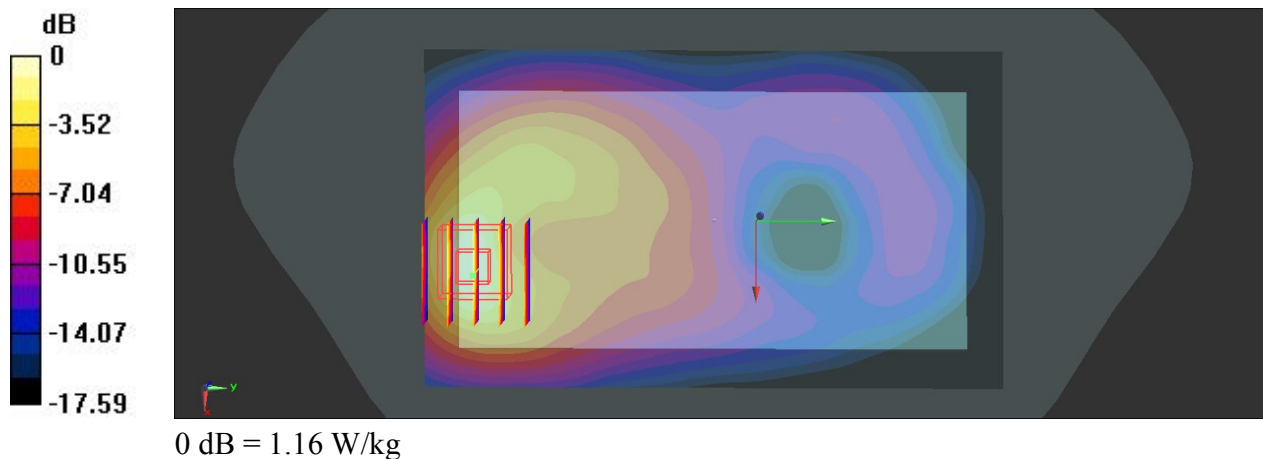
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.627 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.35 W/kg

**SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.493 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg





**03 WCDMA Band II\_RMC 12.2K\_Left side 1cm\_Ch9262**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (31x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.207 W/kg

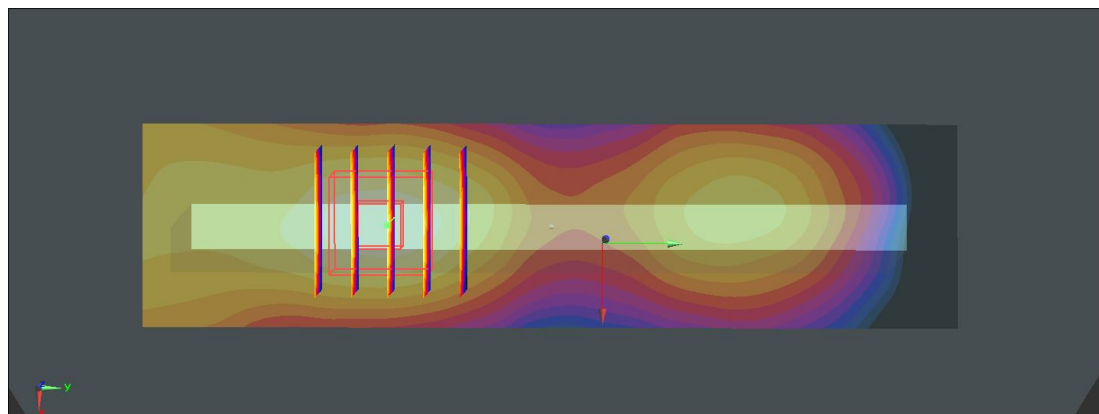
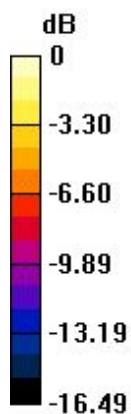
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.466 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.257 W/kg

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

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg

**04 WCDMA Band II\_RMC 12.2K\_Bottom side 1cm\_Ch9262**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9262/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

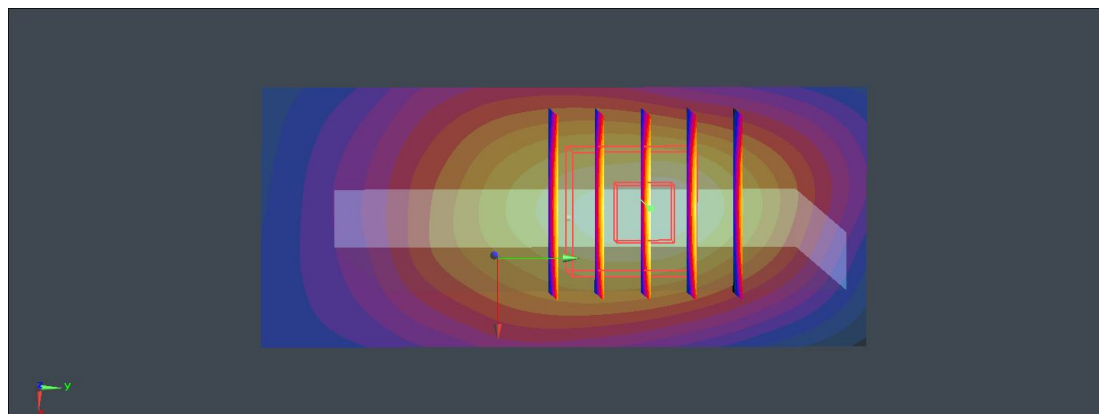
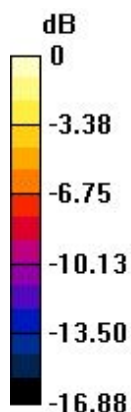
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.118 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 1.030 W/kg; SAR(10 g) = 0.594 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg

**05 WCDMA Band II\_RMC 12.2K\_Front 1cm\_Ch9400**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 W/kg

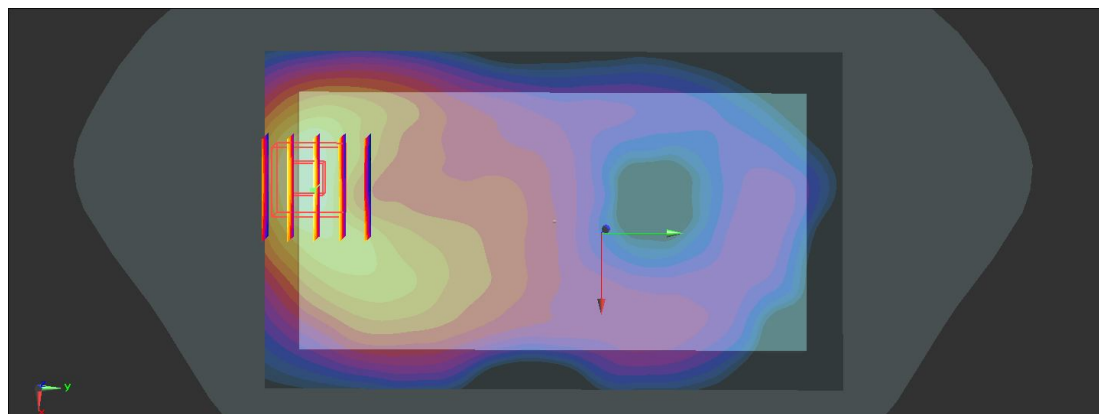
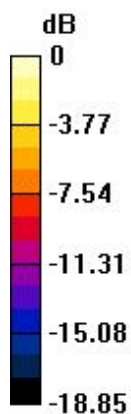
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.727 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.423 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg

**06 WCDMA Band II\_RMC 12.2K\_Front 1cm\_Ch9538**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.538$  S/m;  $\epsilon_r = 54.657$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.957 W/kg

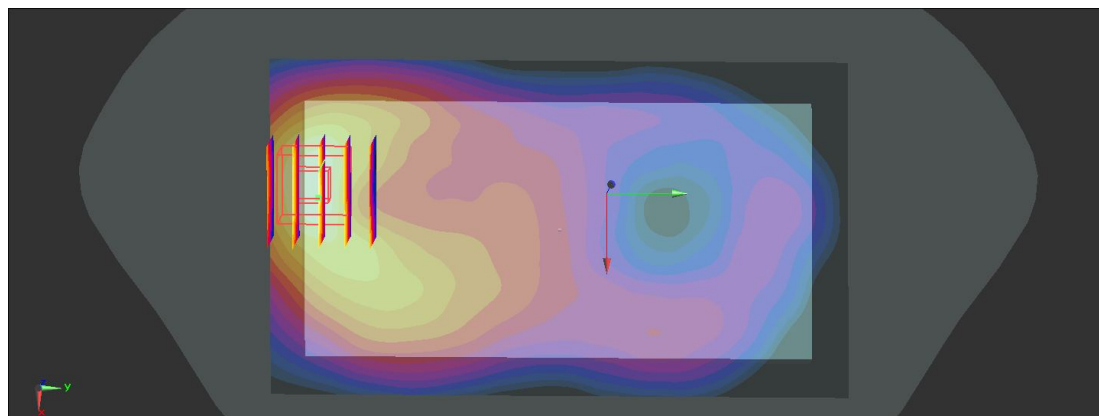
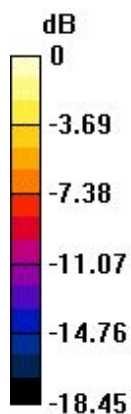
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.910 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.391 W/kg**

Maximum value of SAR (measured) = 0.969 W/kg



0 dB = 0.969 W/kg

**07 WCDMA Band II\_RMC 12.2K\_Back 1cm\_Ch9400**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (71x121x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.985 W/kg

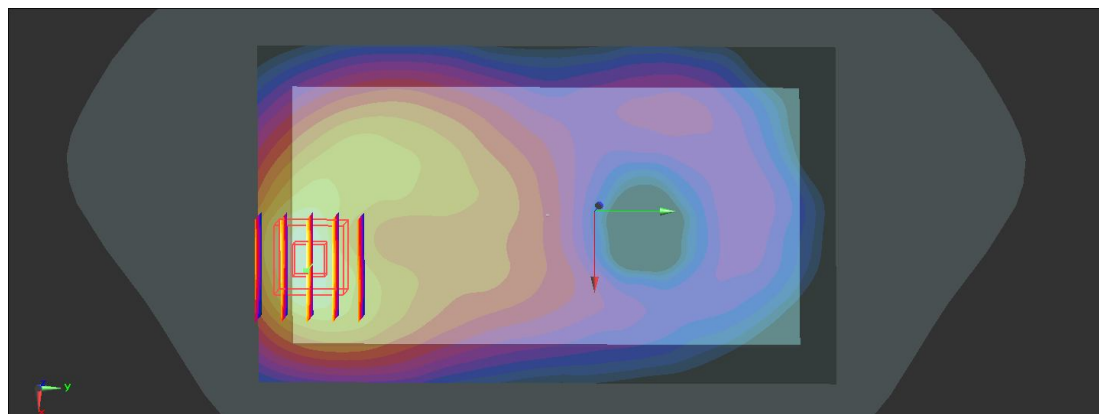
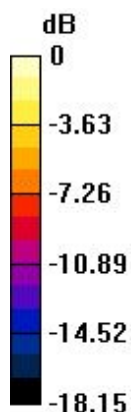
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.853 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.439 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg

**08 WCDMA Band II\_RMC 12.2K\_Back 1cm\_Ch9538**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.538$  S/m;  $\epsilon_r = 54.657$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 0.925 W/kg

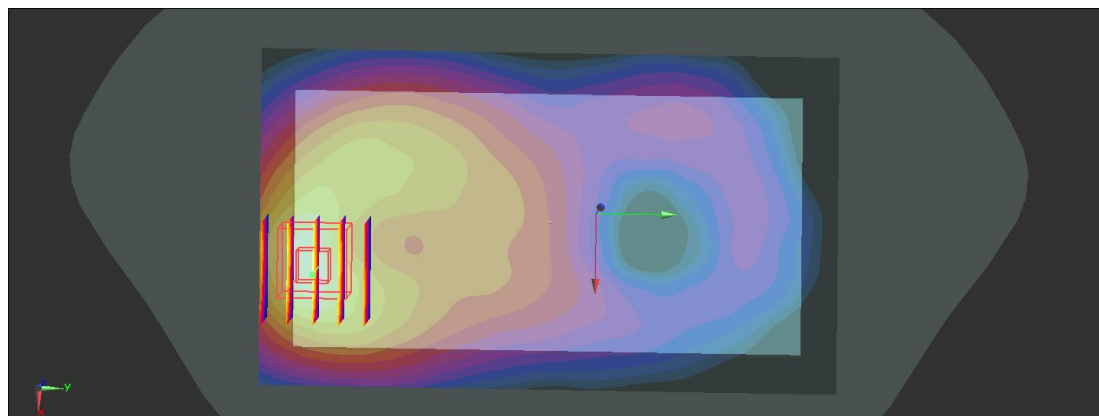
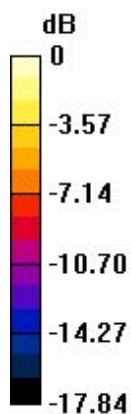
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.025 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.411 W/kg**

Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.988 W/kg

**09 WCDMA Band II\_RMC 12.2K\_Bottom side 1cm\_Ch9400**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.509$  S/m;  $\epsilon_r = 54.703$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9400/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

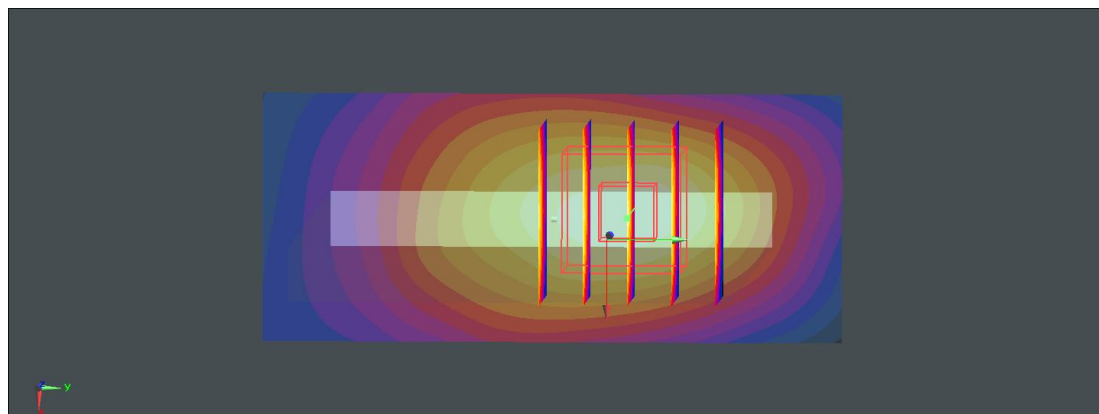
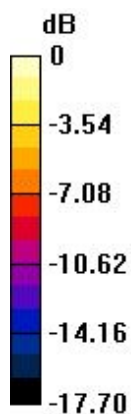
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.369 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 1.020 W/kg; SAR(10 g) = 0.563 W/kg**

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



0 dB = 1.39 W/kg

**10 WCDMA Band II\_RMC 12.2K\_Bottom side 1cm\_Ch9538**

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

Medium: MSL\_1900\_131005 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.538$  S/m;  $\epsilon_r = 54.657$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.7, 7.7, 7.7); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 2; Type: QD 000 P40 C; Serial: TP-1754
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9538/Area Scan (31x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.23 W/kg

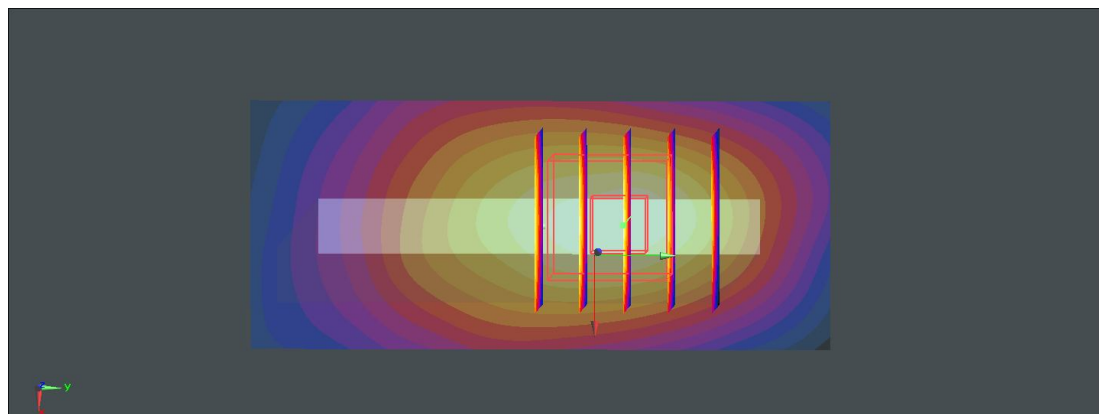
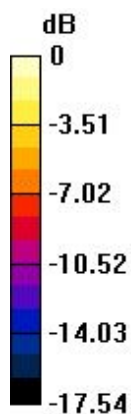
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.907 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.504 W/kg**

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



0 dB = 1.25 W/kg



**57 WLAN 2.4GHz\_802.11b\_Front 1Cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 51.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0640 W/kg

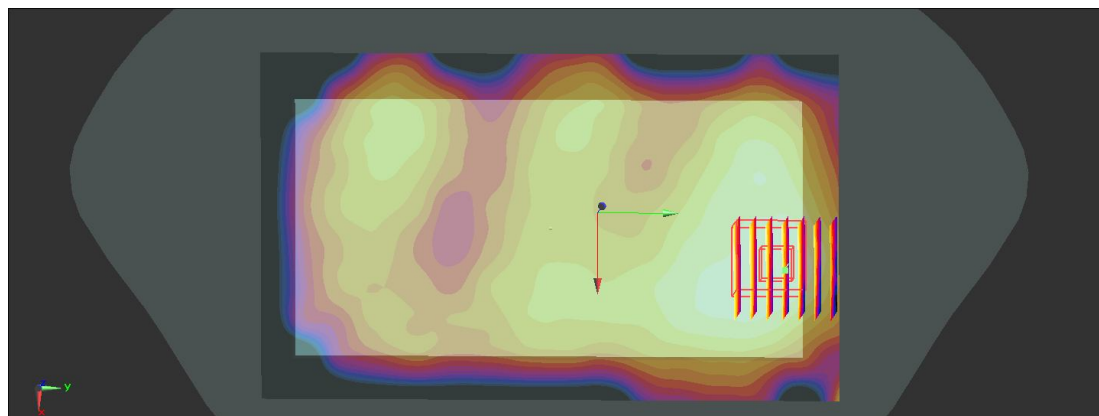
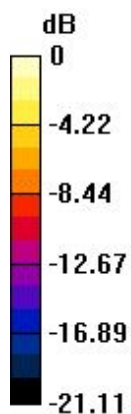
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.918 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0860 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.0640 W/kg



0 dB = 0.0640 W/kg

**58 WLAN 2.4GHz\_802.11b\_Back 1Cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 51.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (91x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0906 W/kg

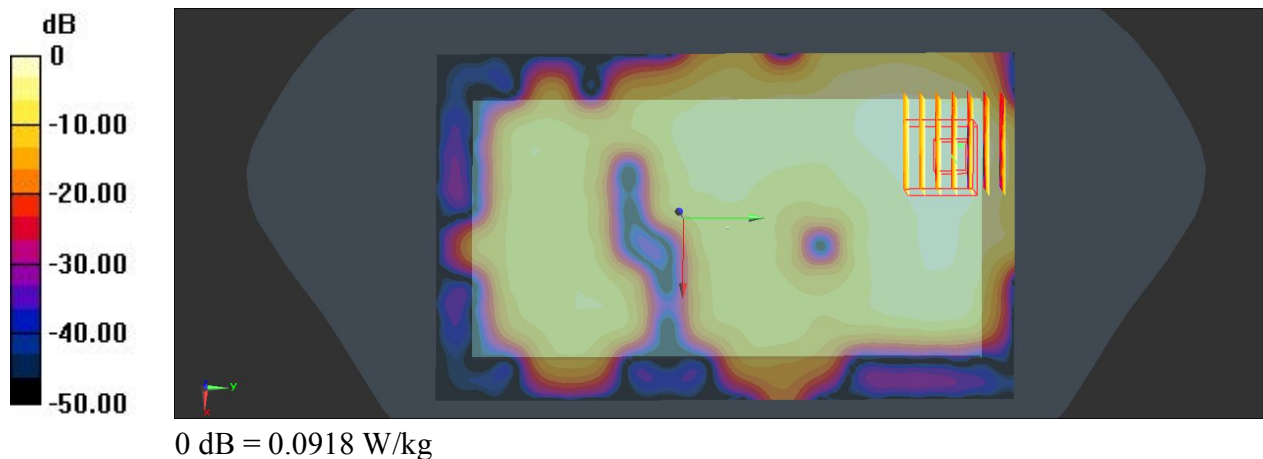
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.405 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.031 W/kg**

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



**59 WLAN 2.4GHz\_802.11b\_Right side 1Cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 51.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (31x151x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0458 W/kg

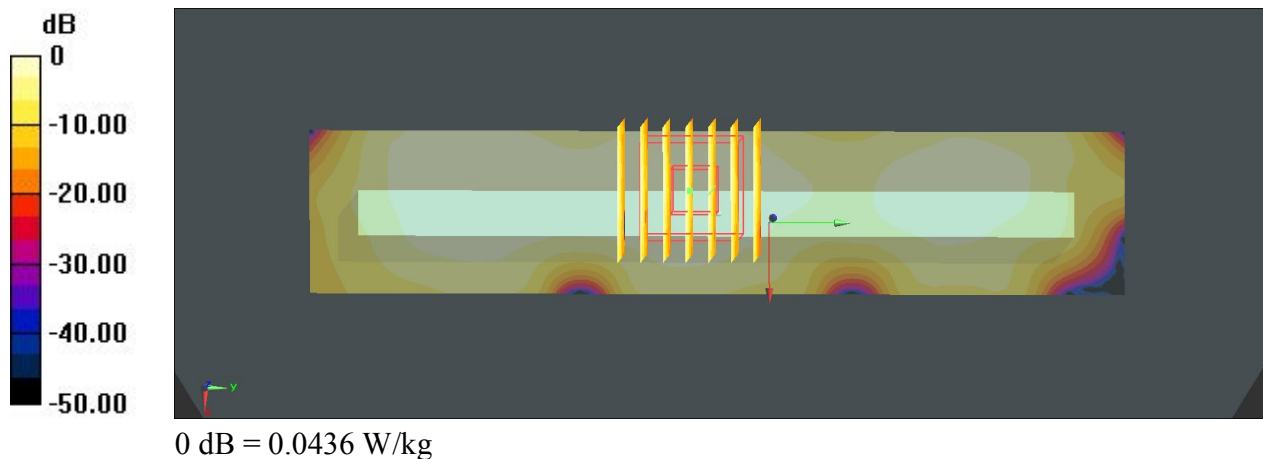
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.953 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0540 W/kg

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

Maximum value of SAR (measured) = 0.0436 W/kg



**60 WLAN 2.4GHz\_802.11b\_Top side 1Cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_131006 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 51.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(7.34, 7.34, 7.34); Calibrated: 2013.04.11;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2013.04.08
- Phantom: SAM 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch1/Area Scan (31x91x1):** Interpolated grid: dx=12mm, dy=12mm

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

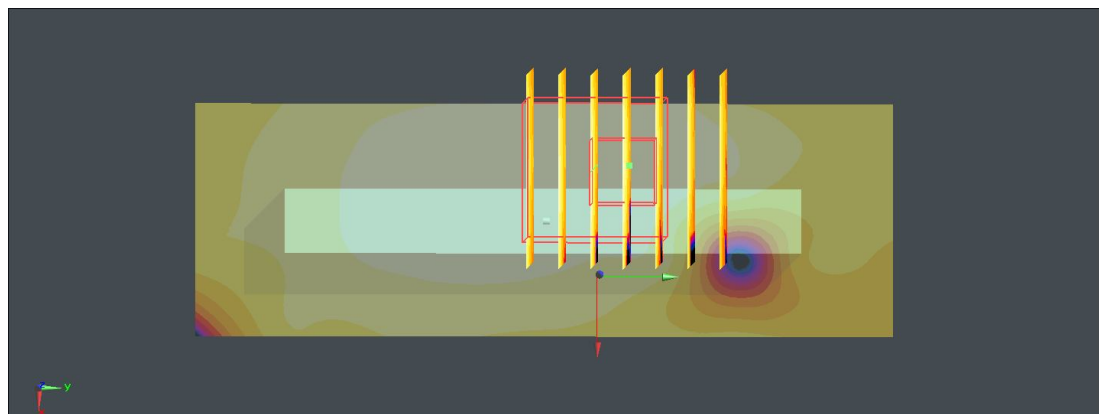
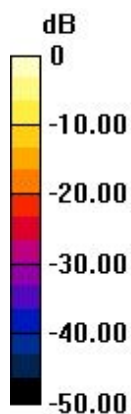
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.853 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0472 W/kg



0 dB = 0.0472 W/kg