



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

The plots are shown as follows.

**#65 GSM850\_GSM Voice\_Right Cheek\_Ch128**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 41.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.449 W/kg

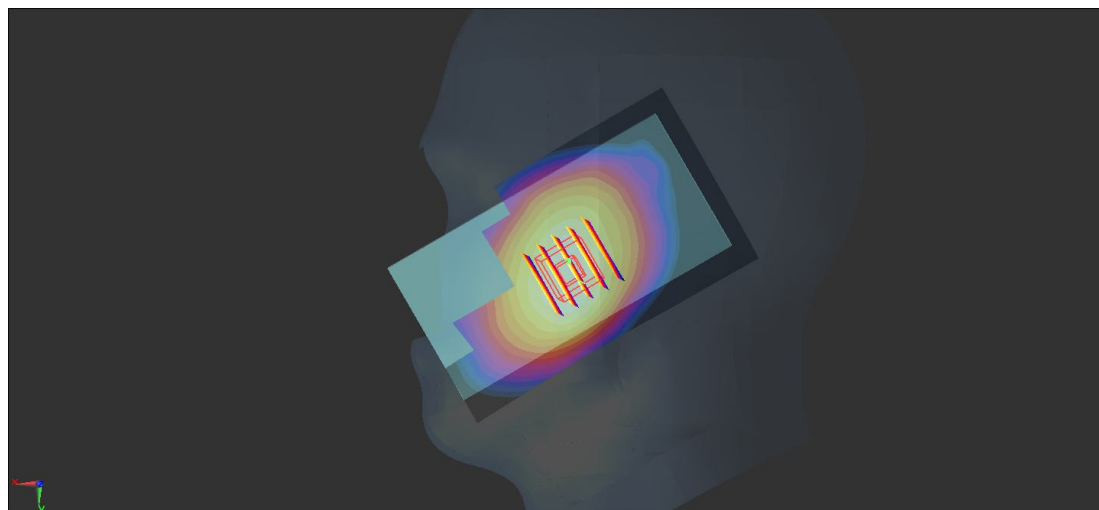
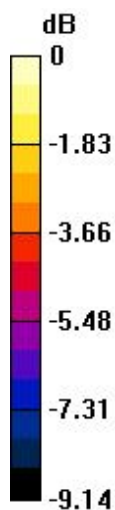
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.420 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.492 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.301 W/kg**

Maximum value of SAR (measured) = 0.441 W/kg



0 dB = 0.441 W/kg

**#66 GSM850\_GSM Voice\_Right Tilted\_Ch128**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 41.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

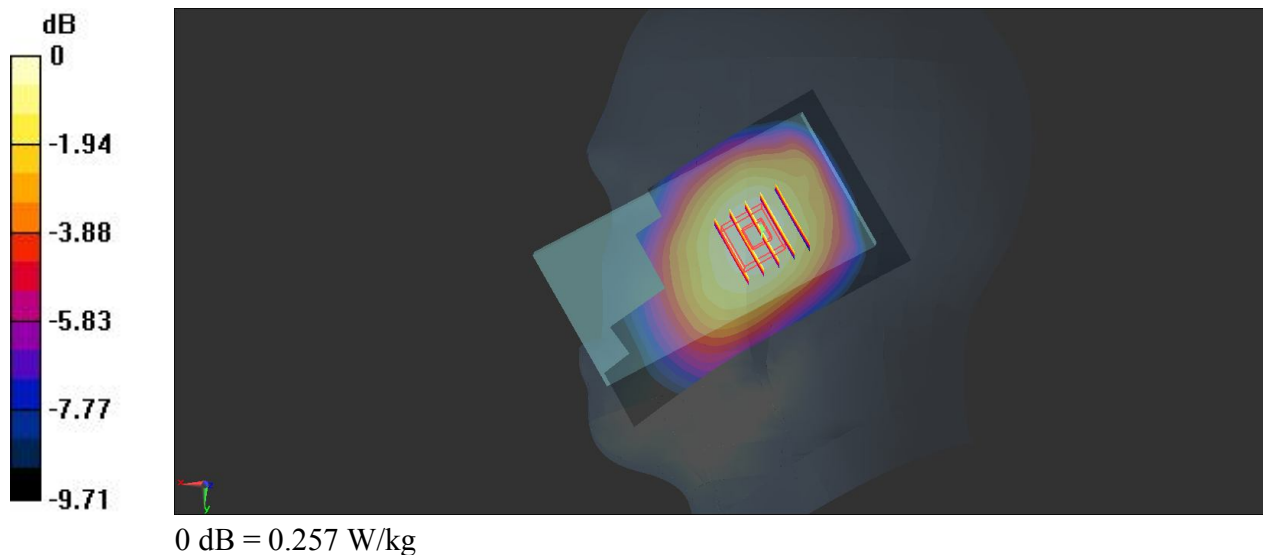
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.225 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.257 W/kg



**#67 GSM850\_GSM Voice\_Left Cheek\_Ch128**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 41.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

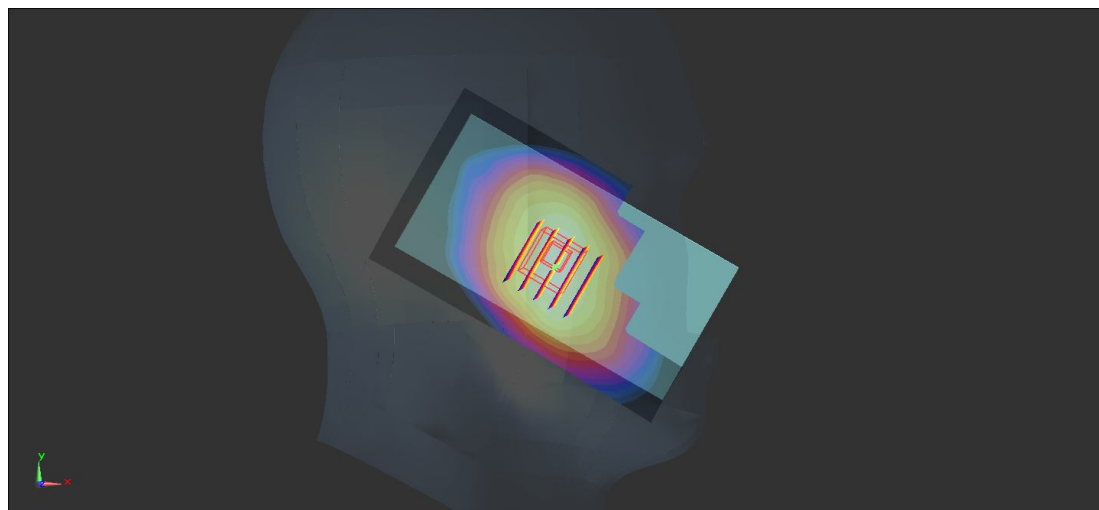
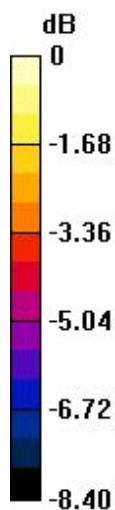
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.347 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.424 W/kg

**SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg

**#68 GSM850\_GSM Voice\_Left Tilted\_Ch128**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 41.928$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.246 W/kg

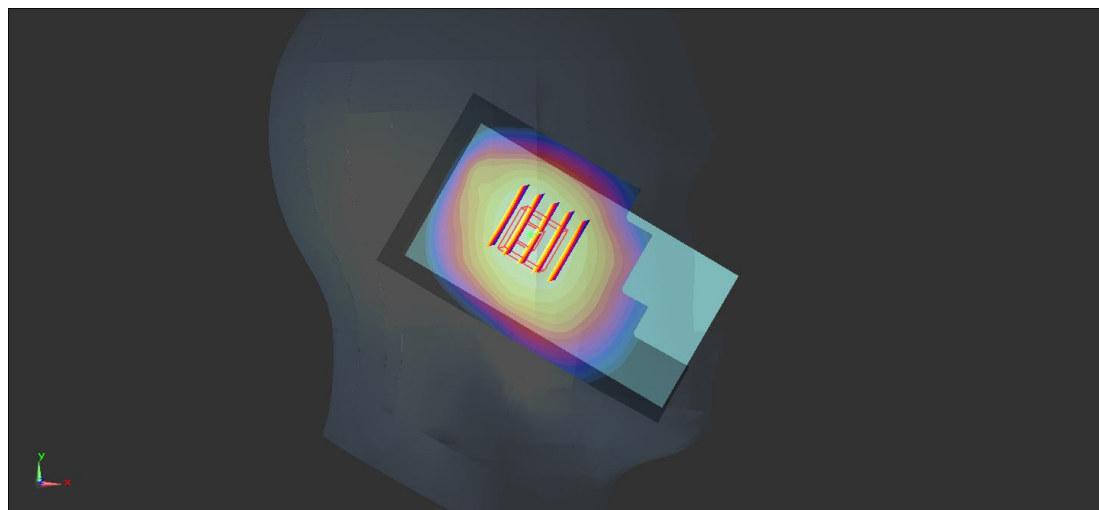
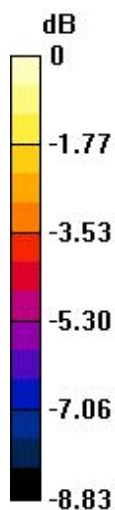
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.896 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.278 W/kg

**SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.173 W/kg**

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



0 dB = 0.252 W/kg

**#20 GSM1900\_GSM Voice\_Right Cheek\_Ch810**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 40.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 W/kg

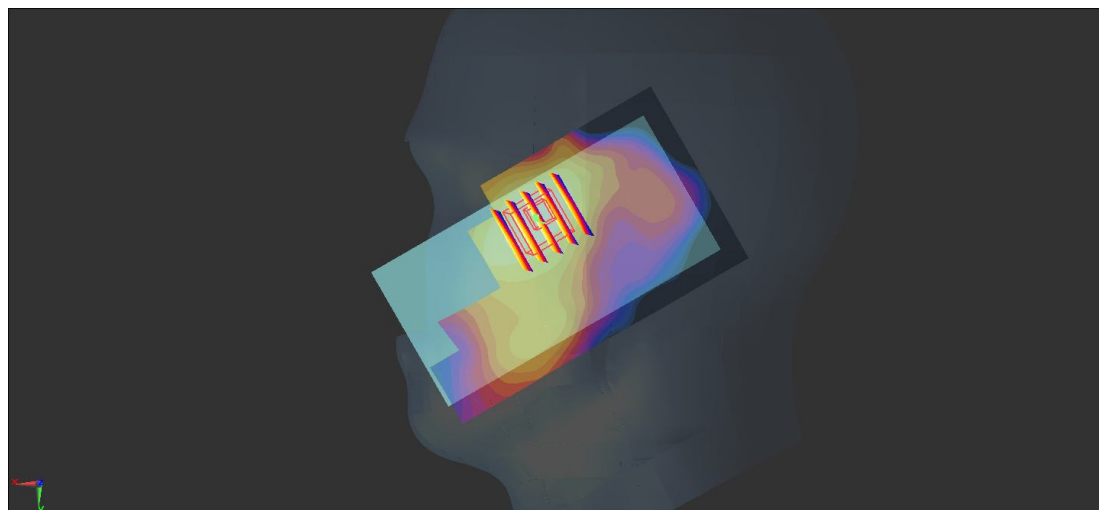
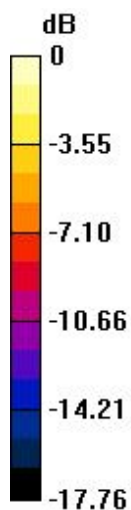
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.817 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.159 W/kg**

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



0 dB = 0.319 W/kg

**#21 GSM1900\_GSM Voice\_Right Tilted\_Ch810**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 40.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.189 W/kg

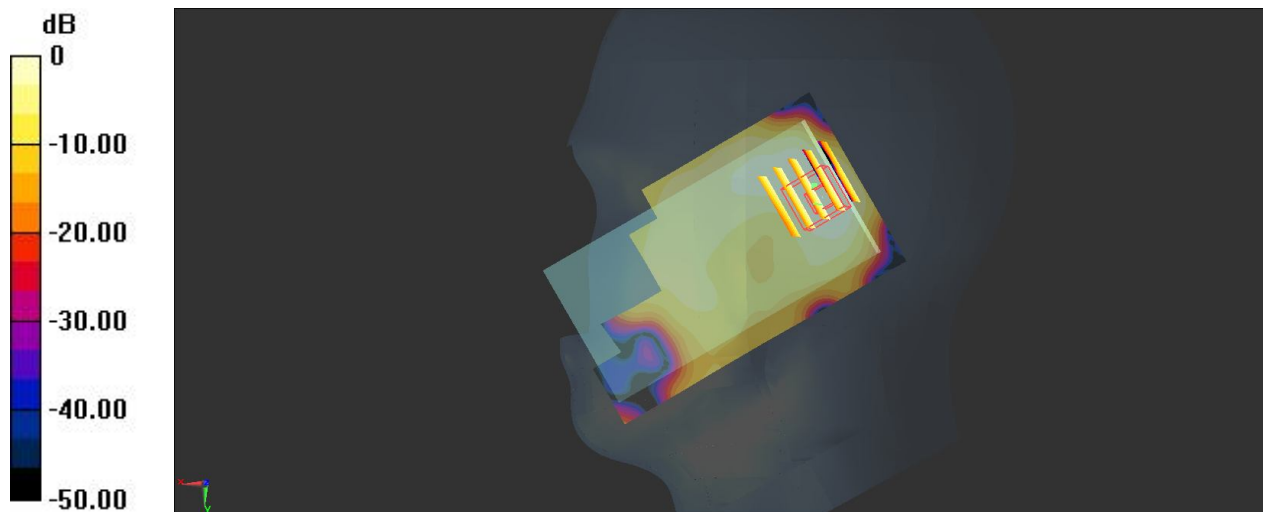
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.237 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.070 W/kg**

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



0 dB = 0.174 W/kg

**#22 GSM1900\_GSM Voice\_Left Cheek\_Ch810**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 40.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.586 W/kg

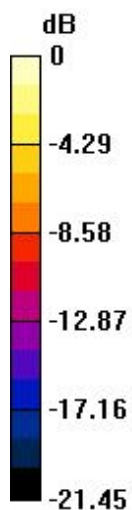
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.670 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.644 W/kg

**SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.251 W/kg**

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



0 dB = 0.536 W/kg

**#23 GSM1900\_GSM Voice\_Left Tilted\_Ch810**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 40.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch810/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 W/kg

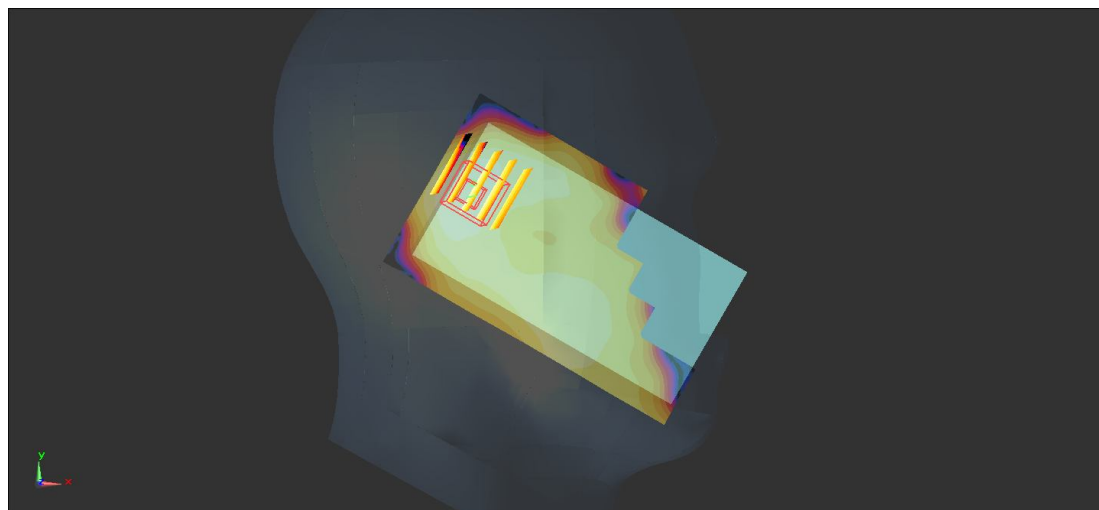
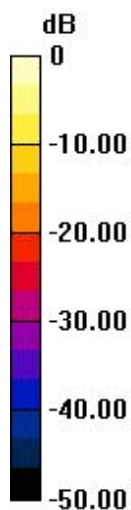
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.482 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg

**#71 WCDMA Band V\_RMC 12.2K\_Right Cheek\_Ch4132**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.515 W/kg

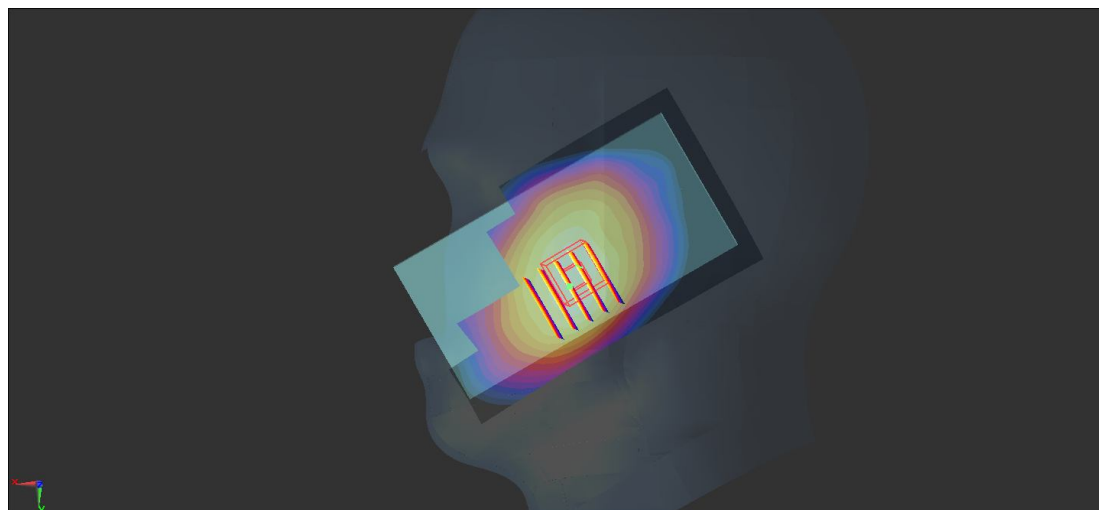
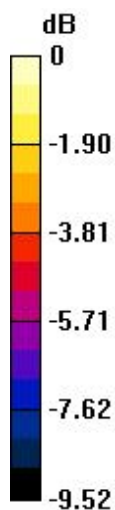
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.209 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.576 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.361 W/kg**

Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg

**#72 WCDMA Band V\_RMC 12.2K\_Right Tilted\_Ch4132**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.349 W/kg

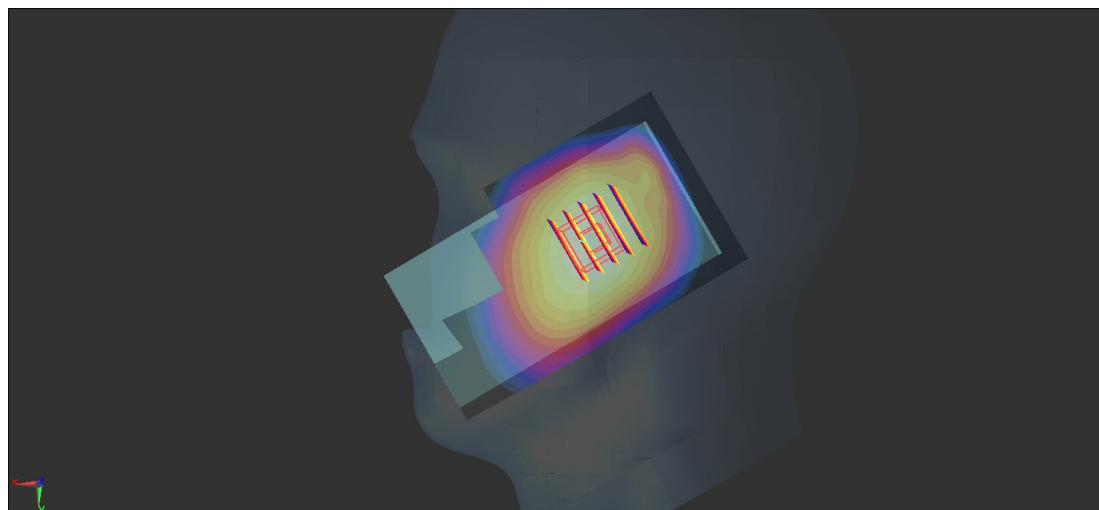
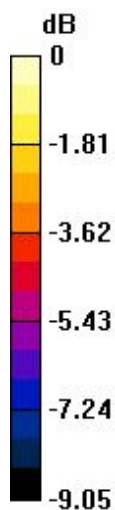
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.191 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg

**#73 WCDMA Band V\_RMC 12.2K\_Left Cheek\_Ch4132**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.479 W/kg

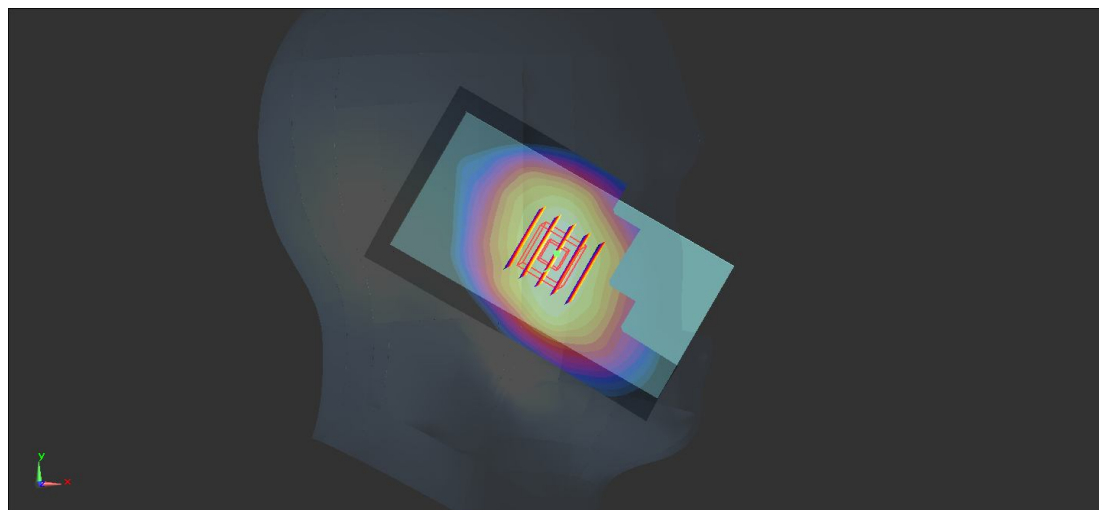
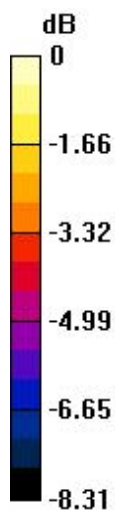
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.832 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.528 W/kg

**SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.336 W/kg**

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



0 dB = 0.490 W/kg

**#74 WCDMA Band V\_RMC 12.2K\_Left Tilted\_Ch4132**

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

Medium: HSL\_835\_130907 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.363 W/kg

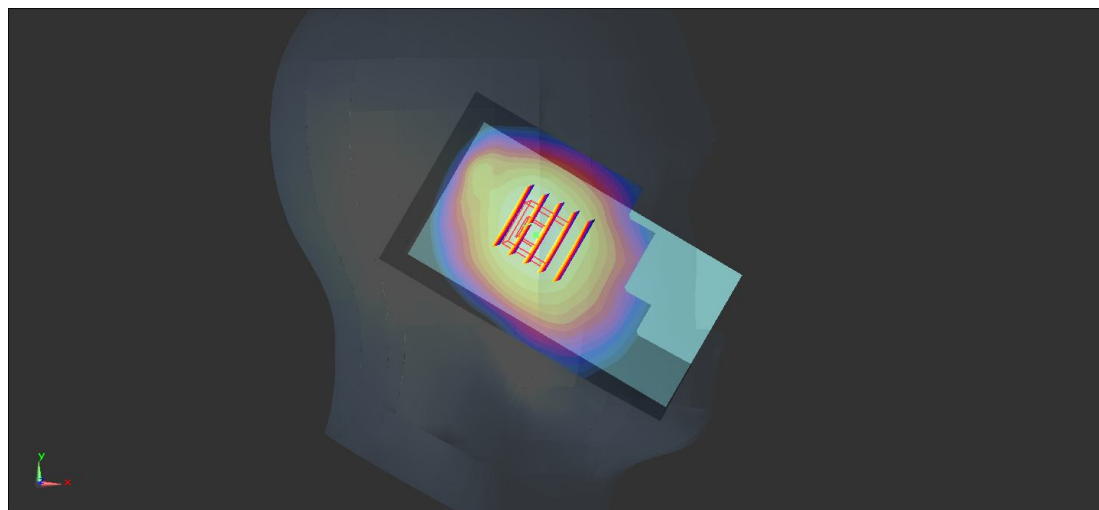
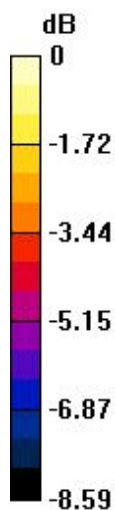
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.478 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.256 W/kg**

Maximum value of SAR (measured) = 0.377 W/kg



0 dB = 0.377 W/kg

**#77 WCDMA Band IV\_RMC 12.2K\_Right Cheek\_Ch1413**

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

Medium: HSL\_1800\_130908 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 41.384$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

**Ch1413/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.502 W/kg

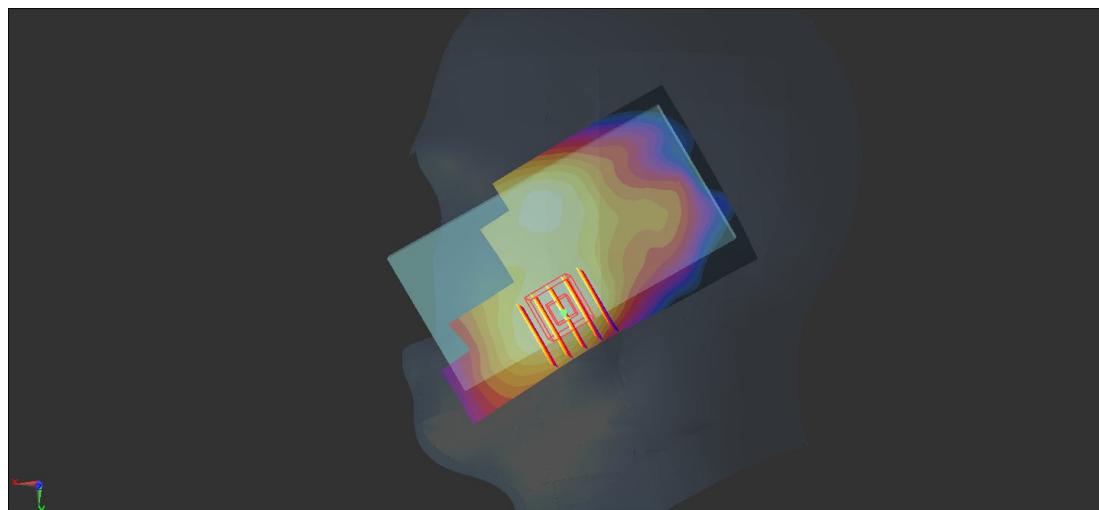
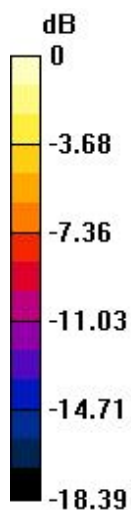
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.578 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.542 W/kg

**SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.462 W/kg



0 dB = 0.462 W/kg

**#78 WCDMA Band IV\_RMC 12.2K\_Right Tilted\_Ch1413**

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

Medium: HSL\_1800\_130908 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 41.384$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

**Ch1413/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

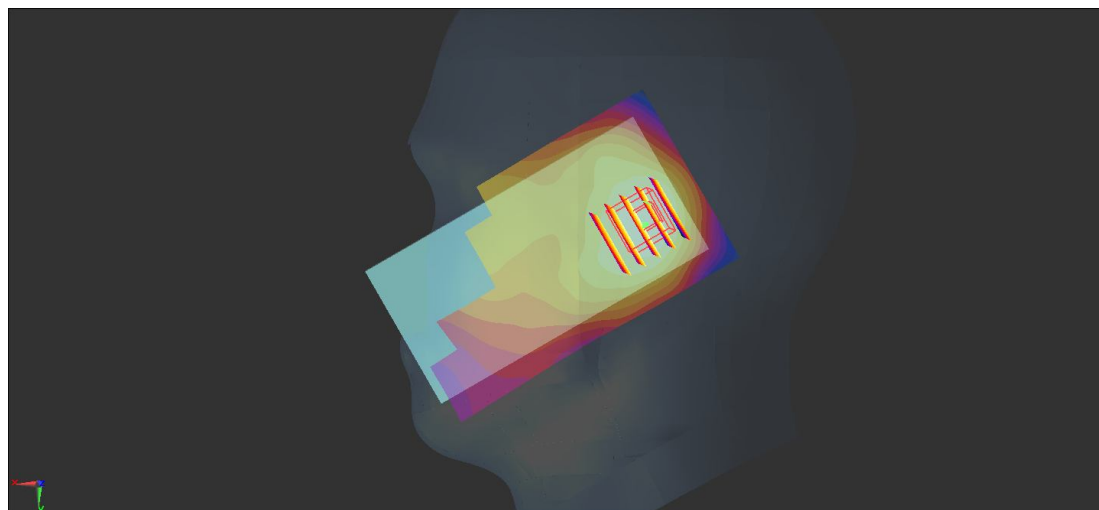
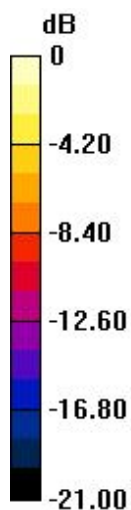
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.077 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.147 W/kg**

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



0 dB = 0.292 W/kg

**#79 WCDMA Band IV\_RMC 12.2K\_Left Cheek\_Ch1413**

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

Medium: HSL\_1800\_130908 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 41.384$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

**Ch1413/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.867 W/kg

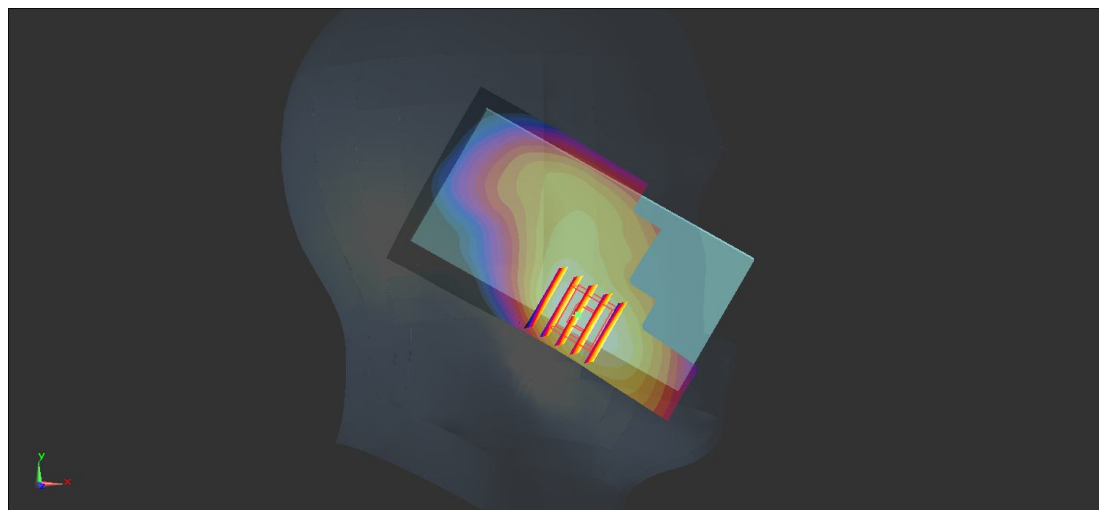
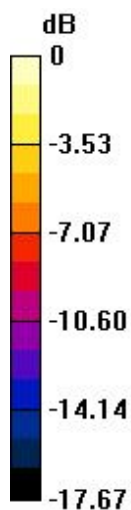
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.919 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.418 W/kg**

Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg

**#80 WCDMA Band IV\_RMC 12.2K\_Left Tilted\_Ch1413**

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

Medium: HSL\_1800\_130908 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.365$  S/m;  $\epsilon_r = 41.384$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.59, 8.59, 8.59); 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)

**Ch1413/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.391 W/kg

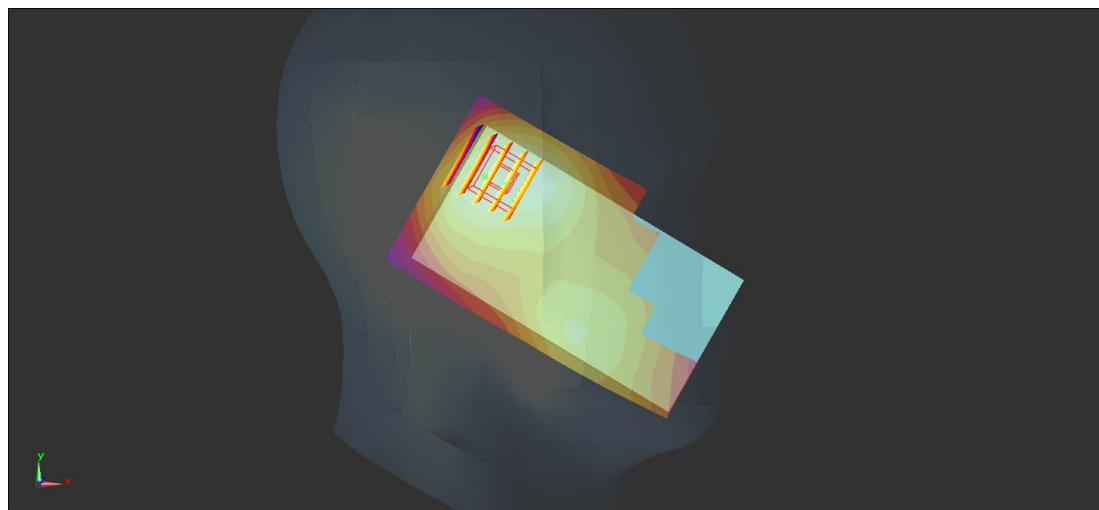
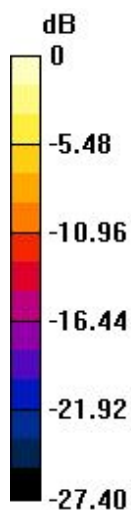
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.497 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.463 W/kg

**SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg

**#26 WCDMA Band II\_RMC 12.2K\_Right Cheek\_Ch9538**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 40.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9538/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.575 W/kg

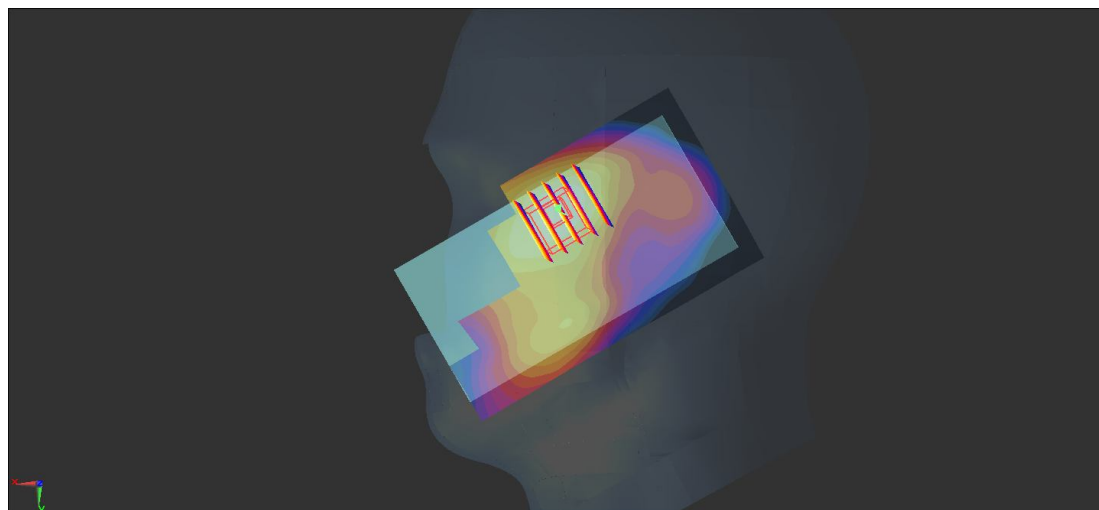
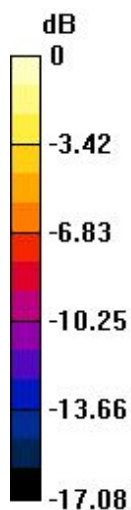
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.145 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.655 W/kg

**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.278 W/kg**

Maximum value of SAR (measured) = 0.564 W/kg



0 dB = 0.564 W/kg

**#27 WCDMA Band II\_RMC 12.2K\_Right Tilted\_Ch9538**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 40.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9538/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

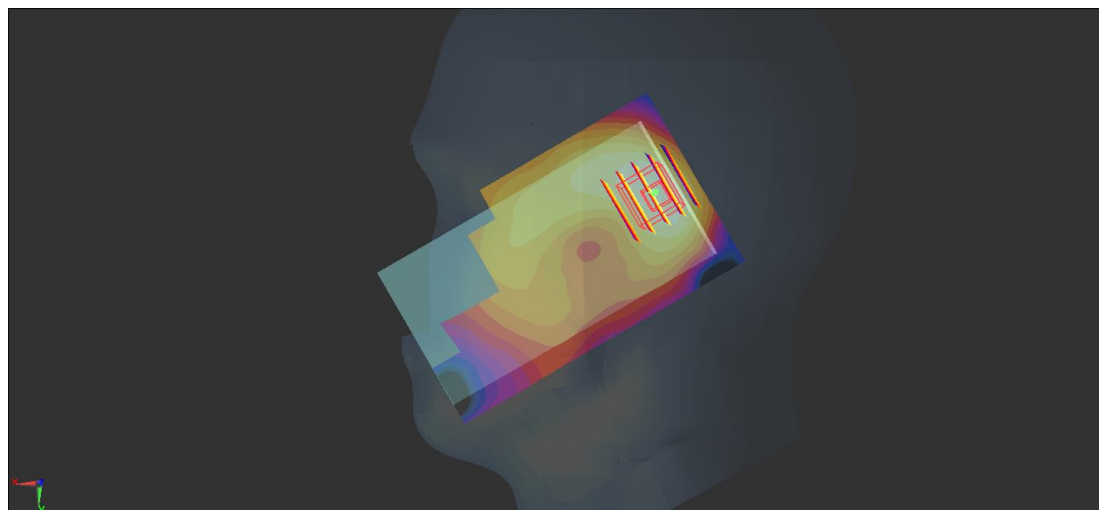
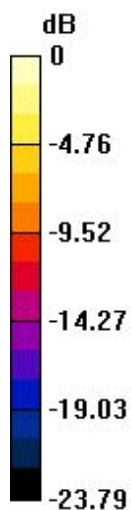
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.769 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.377 W/kg

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.130 W/kg**

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



0 dB = 0.307 W/kg

**#28 WCDMA Band II\_RMC 12.2K\_Left Cheek\_Ch9538**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 40.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9538/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.924 W/kg

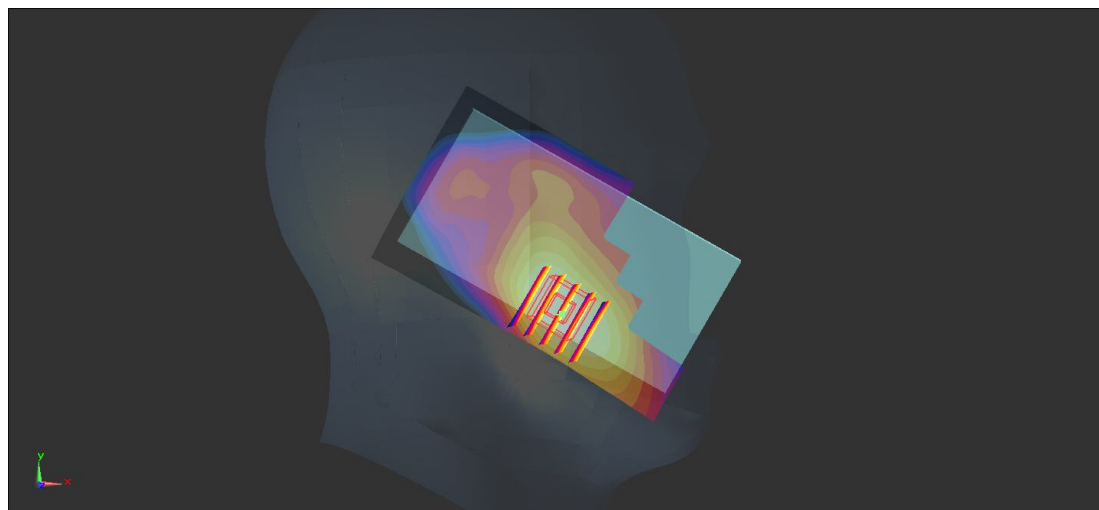
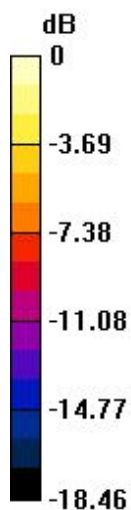
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.486 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.414 W/kg**

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg

**#29 WCDMA Band II\_RMC 12.2K\_Left Tilted\_Ch9538**

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

Medium: HSL\_1900\_130905 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 40.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.6 °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 1; Type: QD 000 P40 C; Serial: TP-1753
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Ch9538/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.342 W/kg

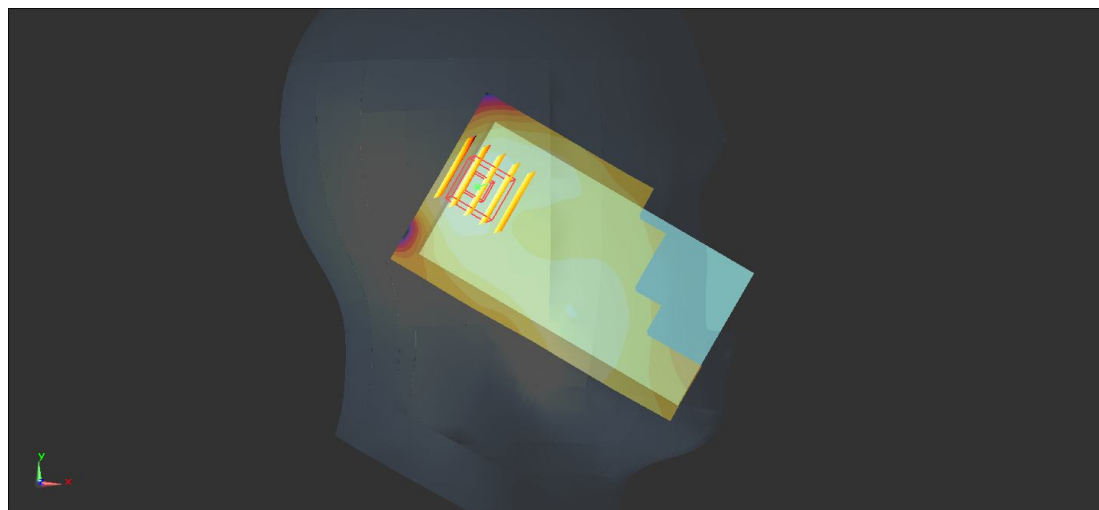
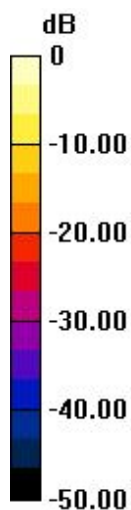
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.576 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.411 W/kg

**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.135 W/kg**

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg

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

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: HSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 39.891$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (91x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0474 W/kg

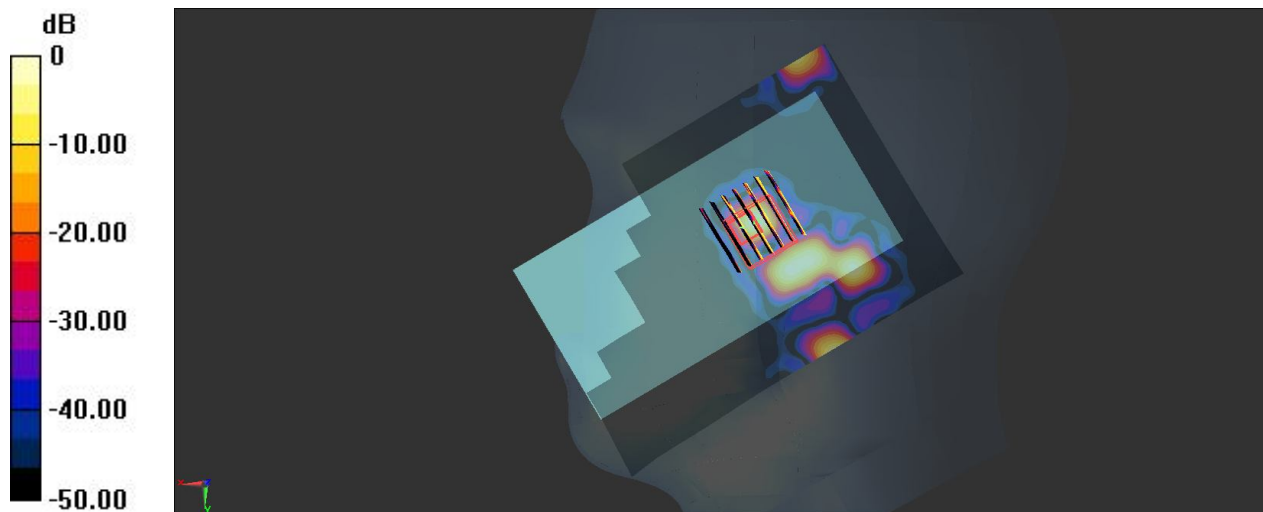
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.877 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0980 W/kg

**SAR(1 g) = 0.00138 W/kg; SAR(10 g) = 0.000197 W/kg**

Maximum value of SAR (measured) = 0.0514 W/kg



0 dB = 0.0514 W/kg

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

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: HSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 39.891$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (91x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0191 W/kg

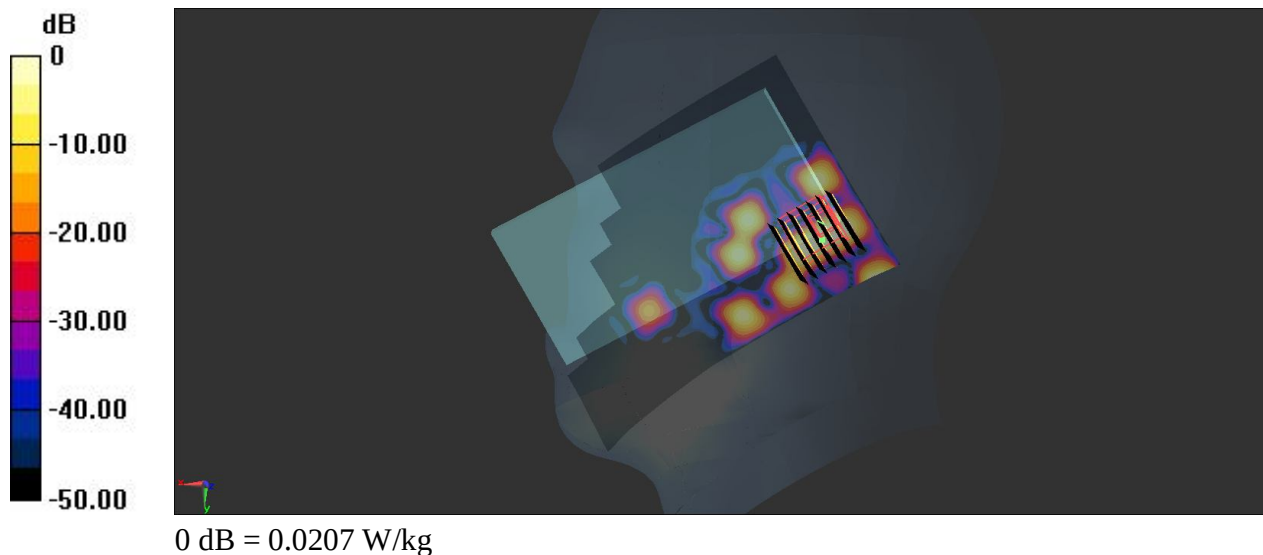
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.939 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0570 W/kg

**SAR(1 g) = 0.00903 W/kg; SAR(10 g) = 0.00269 W/kg**

Maximum value of SAR (measured) = 0.0207 W/kg



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

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: HSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 39.891$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (91x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.294 W/kg

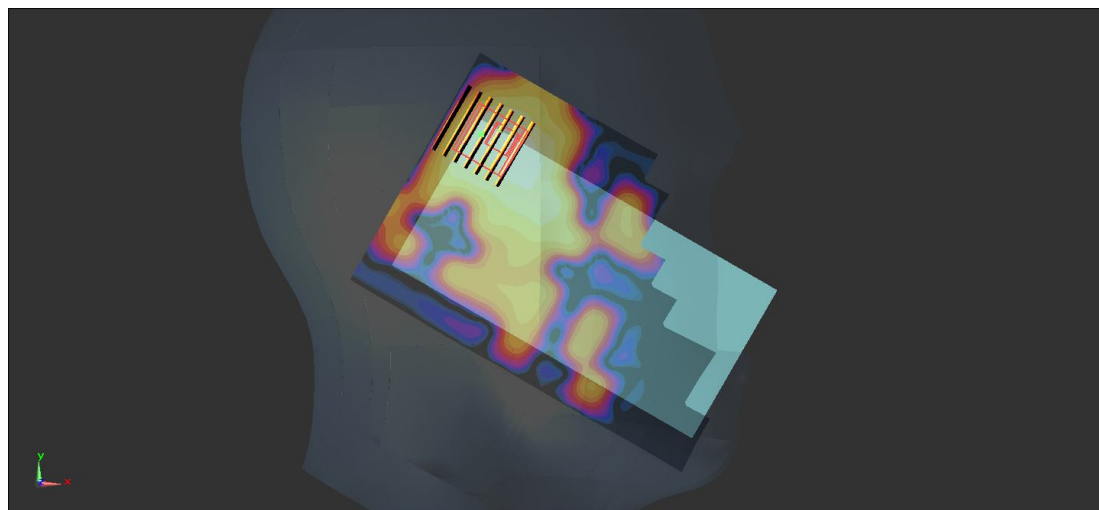
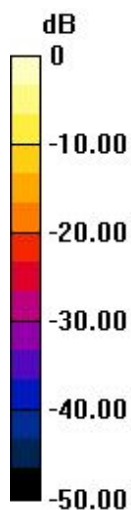
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.612 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg

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

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: HSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.777$  S/m;  $\epsilon_r = 39.891$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (91x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.119 W/kg

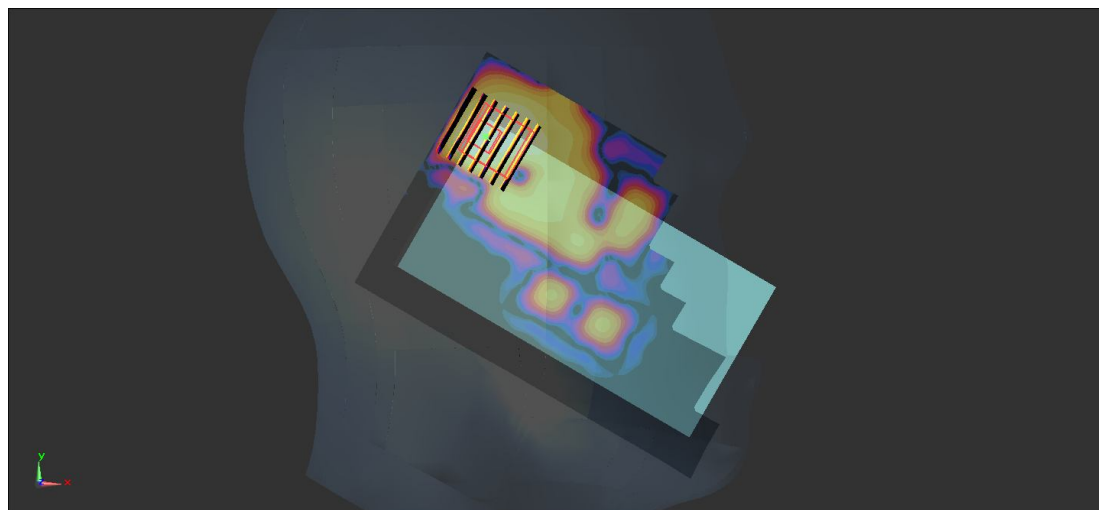
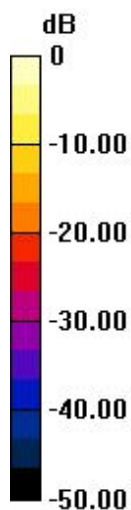
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.348 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.167 W/kg

**SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg

**#39 GSM850\_GPRS (GMSK 2 Tx slots)\_Front\_1cm\_Ch128**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;

$\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

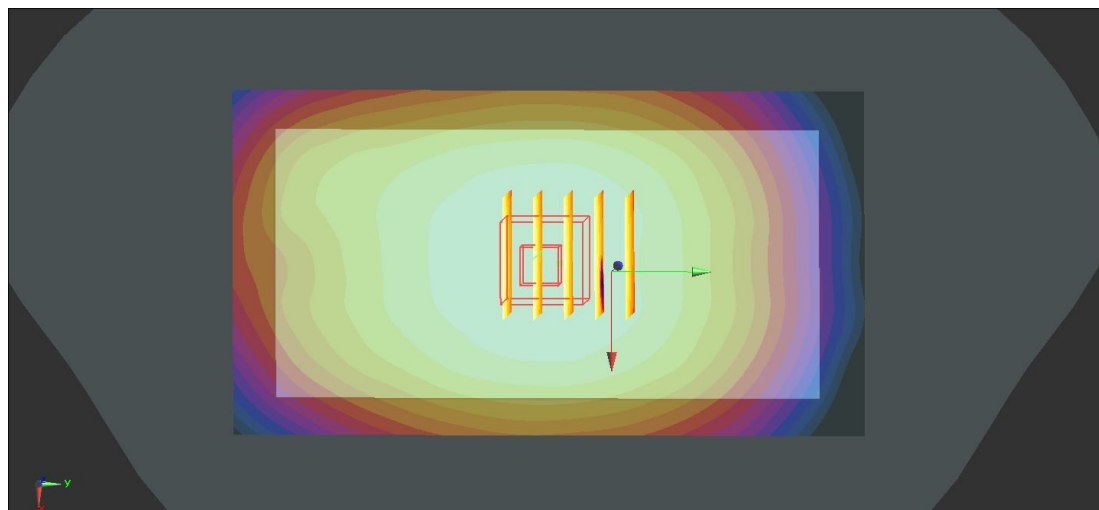
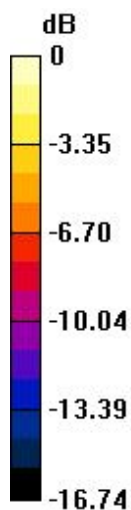
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.930 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.666 W/kg**

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



0 dB = 0.969 W/kg = -0.14 dBW/kg

**#40 GSM850\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch128**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;

$\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

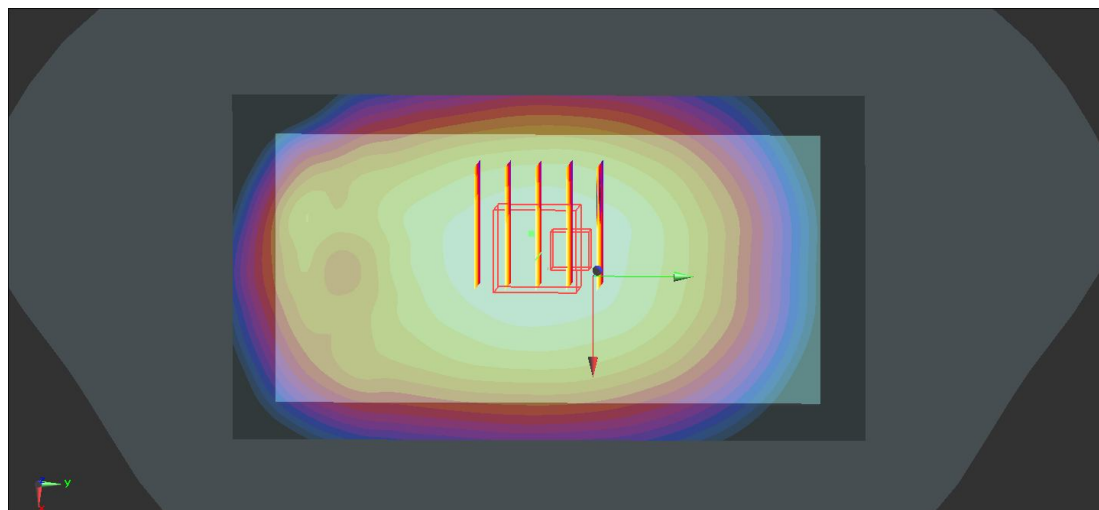
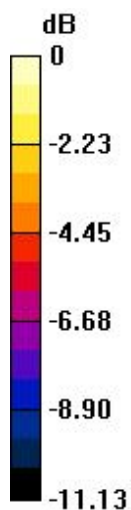
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.717 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.944 W/kg**

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



0 dB = 1.39 W/kg

**#41 GSM850\_GPRS (GMSK 2 Tx slots)\_Left side\_1cm\_Ch128**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;

$\rho = 1000$  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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.915 W/kg

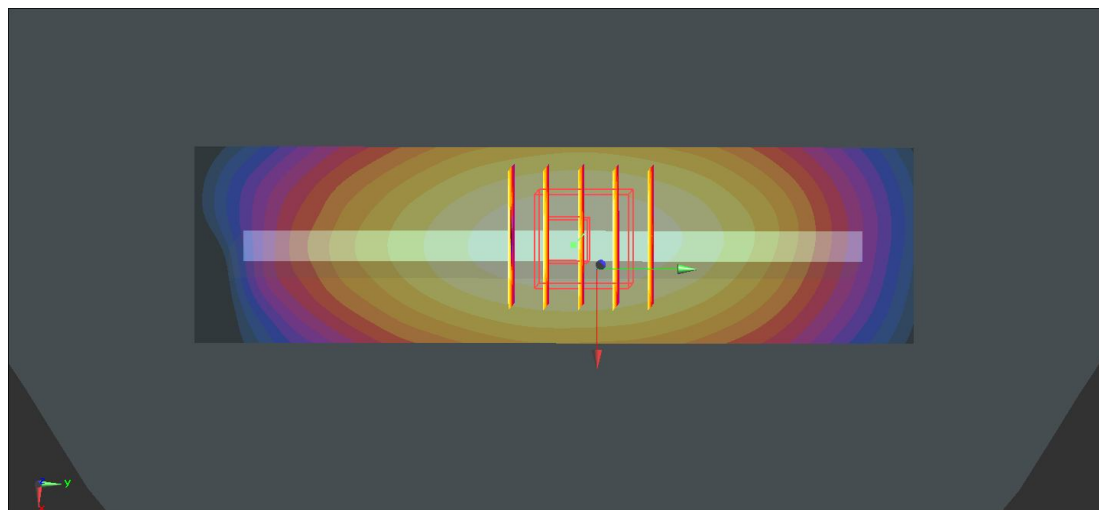
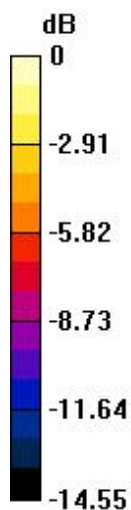
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.465 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.535 W/kg**

Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919 W/kg

**#42 GSM850\_GPRS (GMSK 2 Tx slots)\_Right side\_1cm\_Ch128**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;

$\rho = 1000$  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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 W/kg

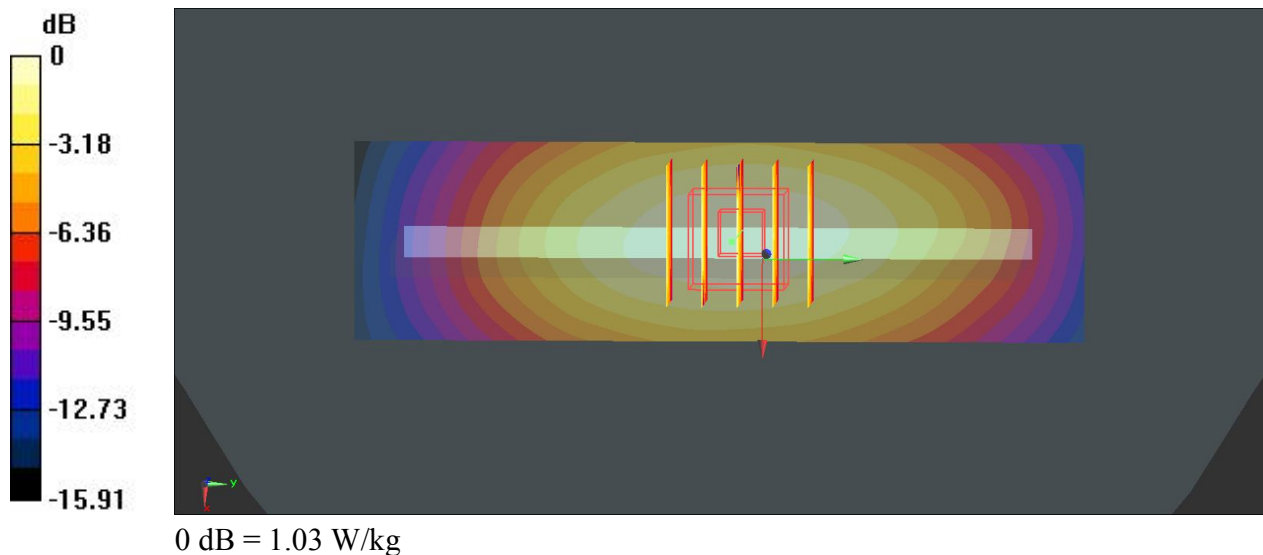
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.029 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.592 W/kg**

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



**#43 GSM850\_GPRS (GMSK 2 Tx slots)\_Bottom side\_1cm\_Ch128**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 824.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;

$\rho = 1000$  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) = 0.143 W/kg

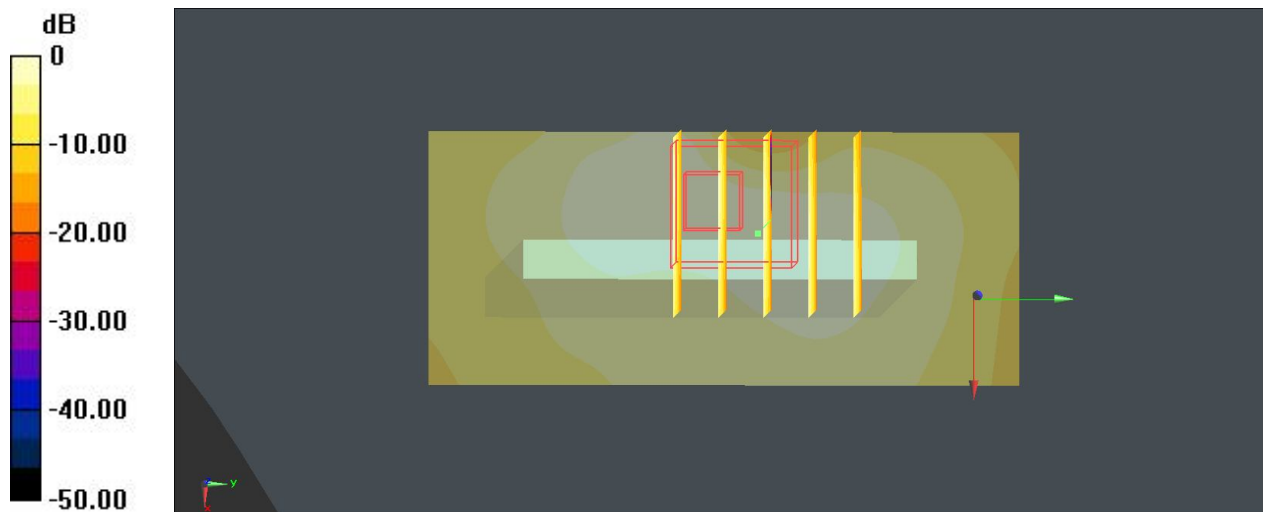
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.171 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.047 W/kg**

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



**#44 GSM850\_GPRS (GMSK 2 Tx slots)\_Front\_1cm\_Ch189**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.078$ ;

$\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

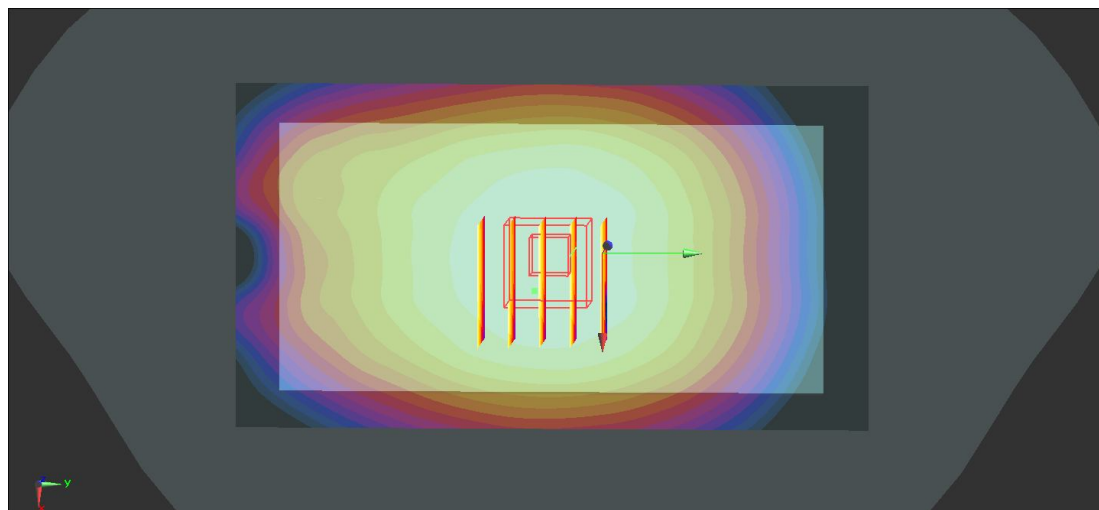
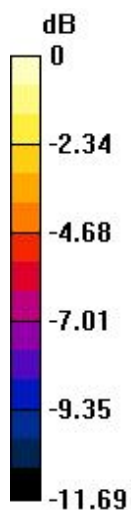
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.087 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.816 W/kg**

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



0 dB = 1.18 W/kg

**#45 GSM850\_GPRS (GMSK 2 Tx slots)\_Front\_1cm\_Ch251**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 53.969$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.31 W/kg

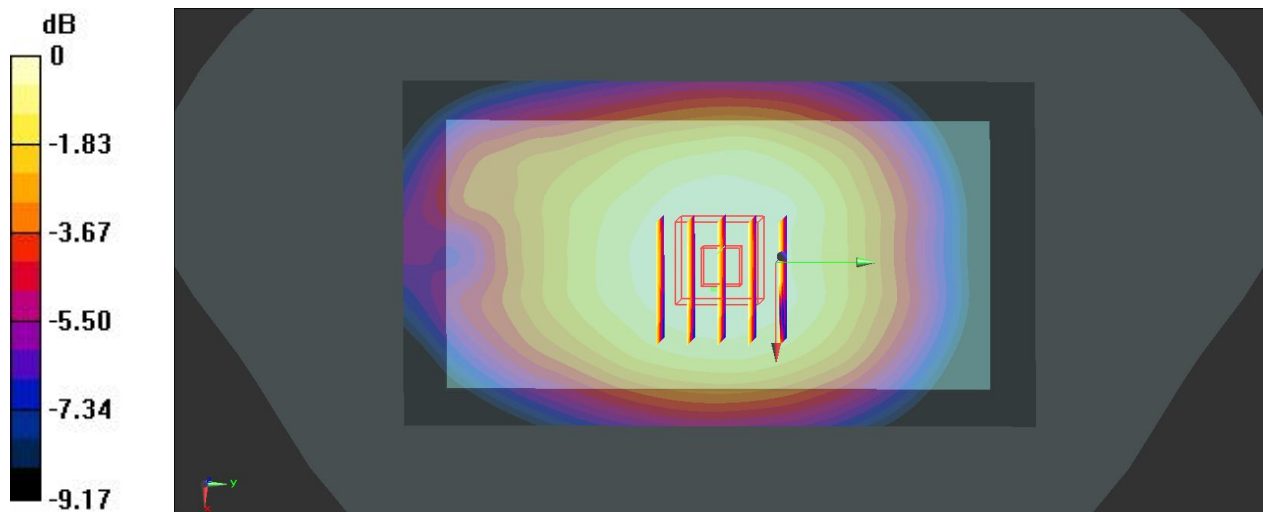
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.255 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.888 W/kg**

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



0 dB = 1.30 W/kg

**#46 GSM850\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch189**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.078$ ;

$\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 W/kg

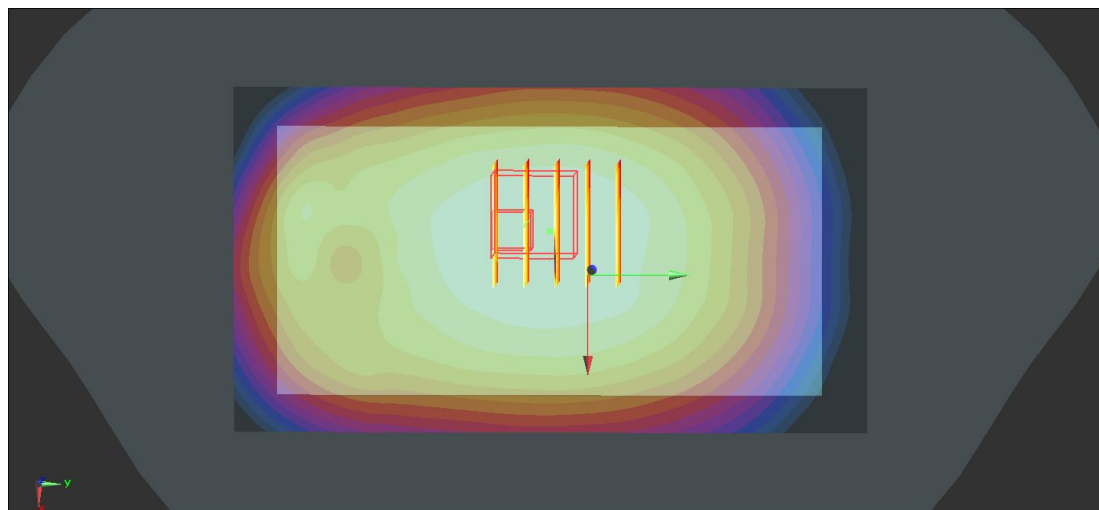
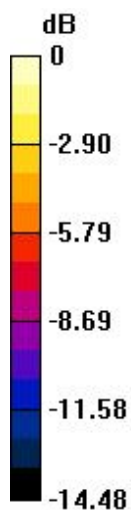
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.533 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.92 W/kg

**SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.955 W/kg**

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg

**#47 GSM850\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch251**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 53.969$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.61 W/kg

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

Reference Value = 37.806 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 1.39 W/kg; SAR(10 g) = 1.08 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg

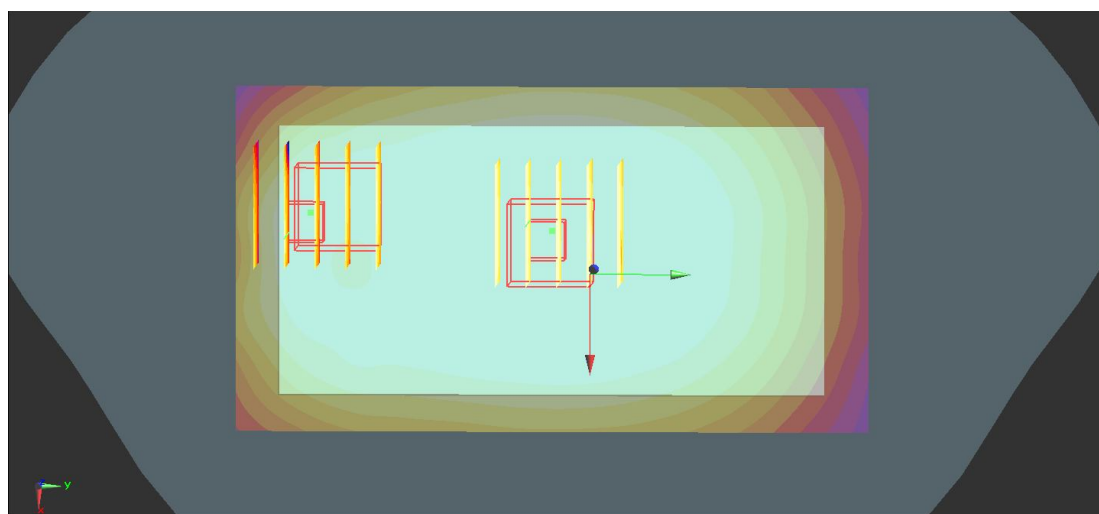
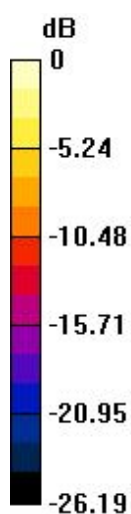
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.806 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.498 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

**#48 GSM850\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch251 Repeat SAR**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 53.969$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.58 W/kg

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

Reference Value = 37.331 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 1.37 W/kg; SAR(10 g) = 1.06 W/kg**

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

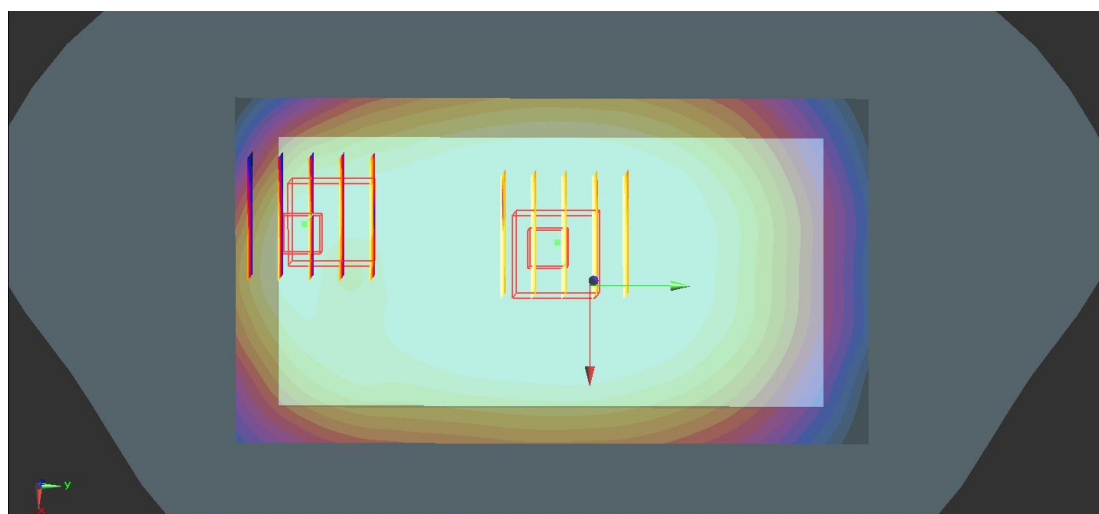
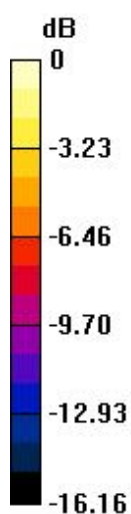
**Ch251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.331 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.479 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg

**#49 GSM850\_GPRS (GMSK 2 Tx slots)\_Right side\_1cm\_Ch189**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 836.4 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.078$ ;

$\rho = 1000$  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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 W/kg

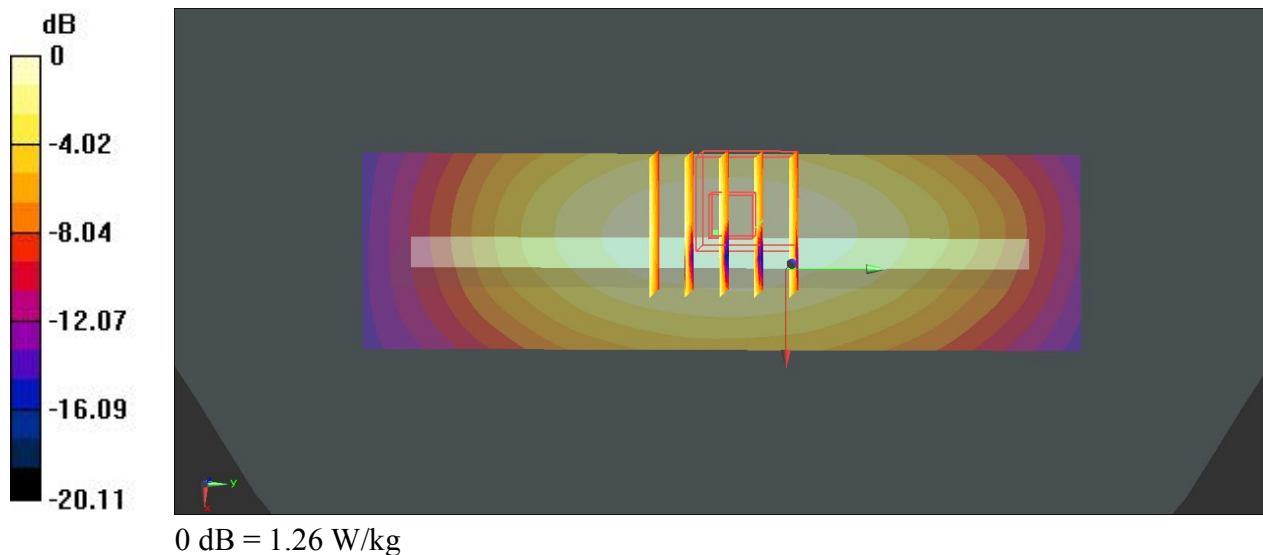
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.829 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.658 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



**#50 GSM850\_GPRS (GMSK 2 Tx slots)\_Right side\_1cm\_Ch251**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_835\_130906 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 53.969$ ;  $\rho = 1000$  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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

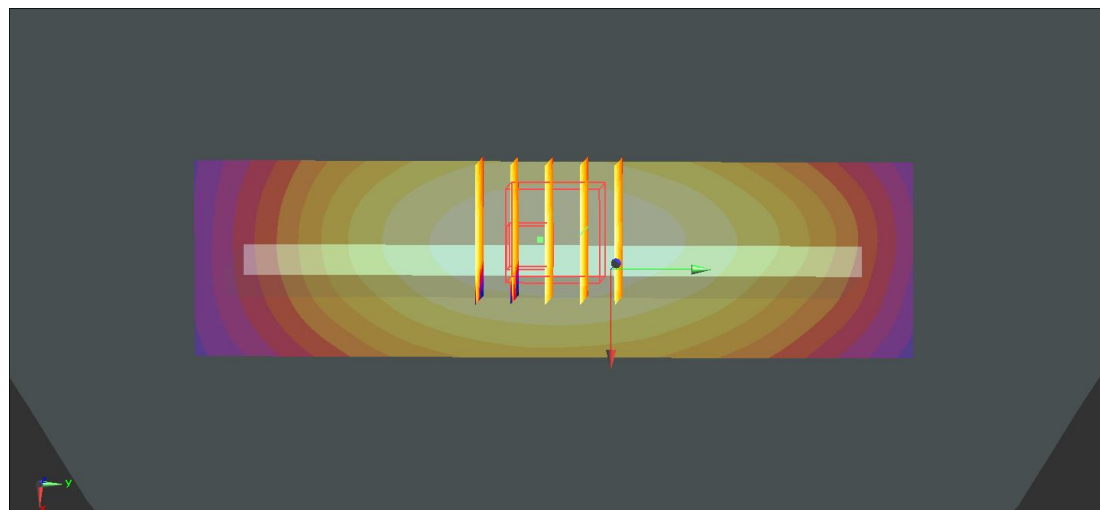
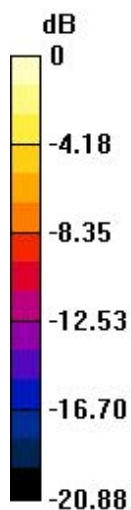
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.972 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.883 W/kg**

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



0 dB = 1.51 W/kg

**#51 GSM850\_GSM Voice\_Front\_1cm\_Ch128**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.599 W/kg

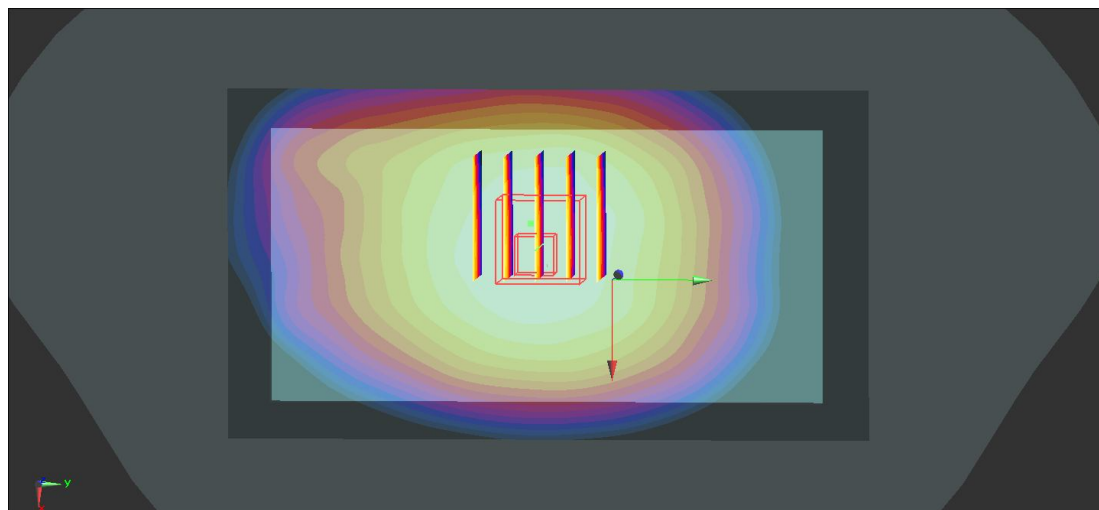
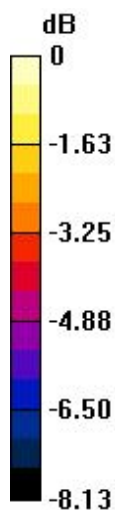
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.590 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.655 W/kg

**SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.414 W/kg**

Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.600 W/kg

**#52 GSM850\_GSM Voice\_Back\_1cm\_Ch128**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.963$  S/m;  $\epsilon_r = 54.168$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.885 W/kg

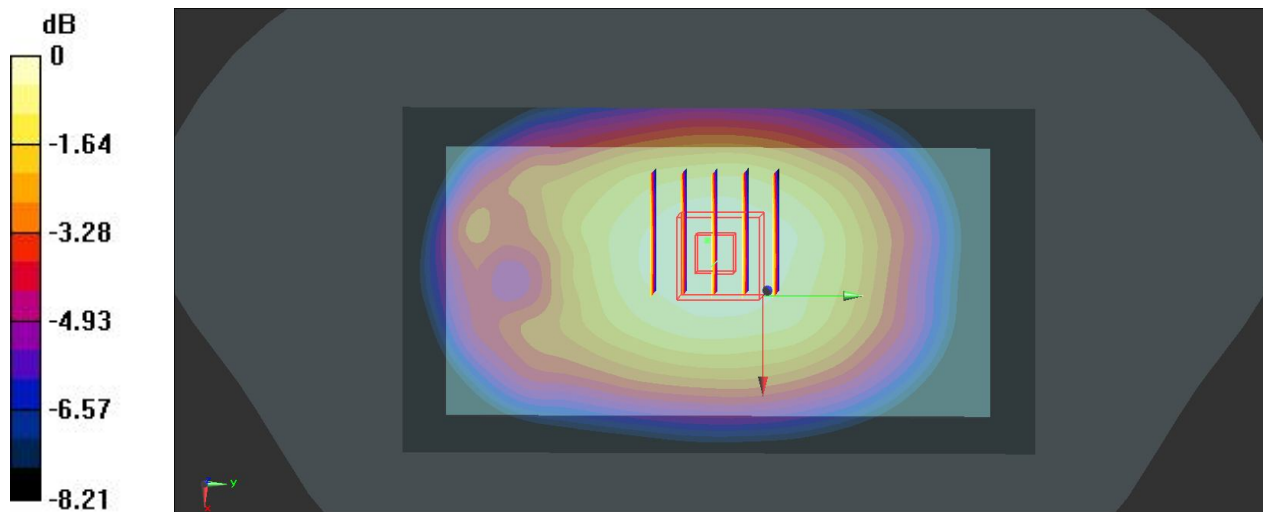
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.150 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.971 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.597 W/kg**

Maximum value of SAR (measured) = 0.885 W/kg



0 dB = 0.885 W/kg

**#53 GSM850\_GSM Voice\_Back\_1cm\_Ch189**

Communication System: GSM Voice; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL\_835\_130906 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.078$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.973 W/kg

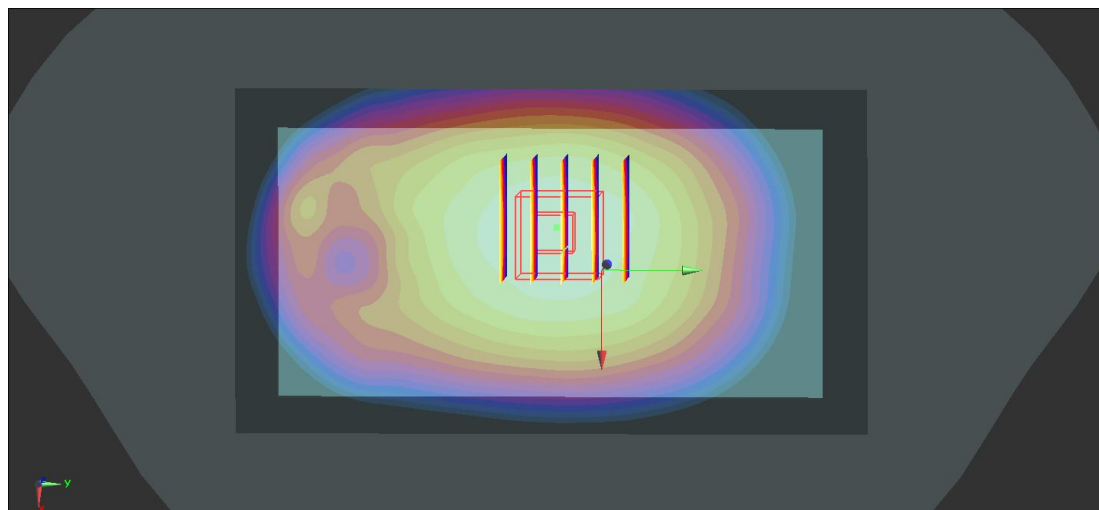
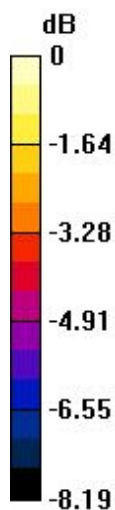
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.326 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.657 W/kg**

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



0 dB = 0.976 W/kg

**#54 GSM850\_GSM Voice\_Back\_1cm\_Ch251**

Communication System: GSM Voice; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: MSL\_835\_130906 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 53.969$ ;  $\rho = 1000$  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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 W/kg

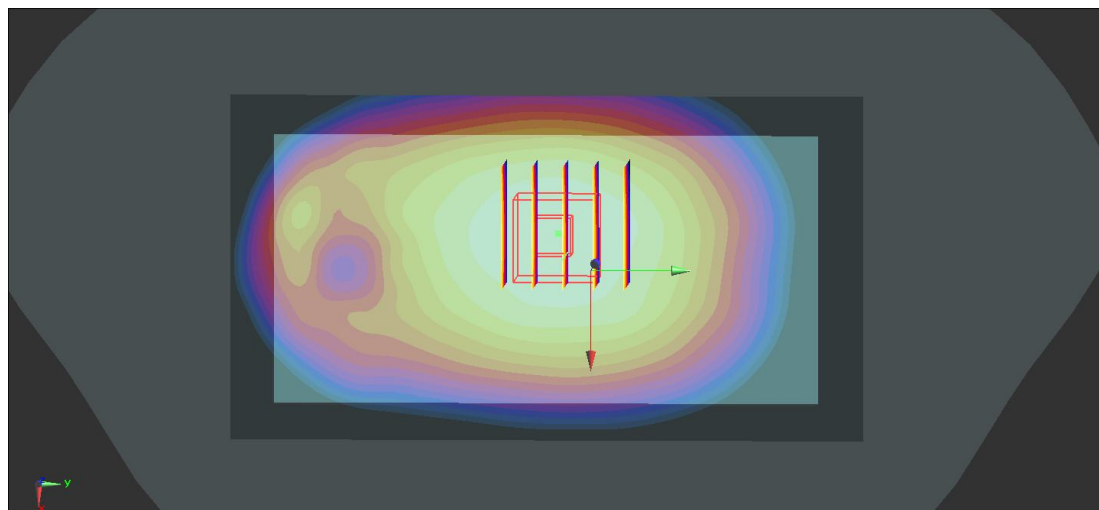
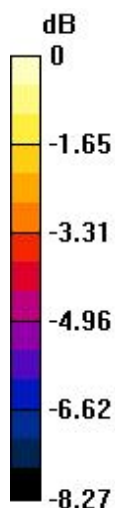
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.726 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.677 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg

**#08 GSM1900\_GPRS (GMSK 2 Tx slots)\_Front\_1cm\_Ch810**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

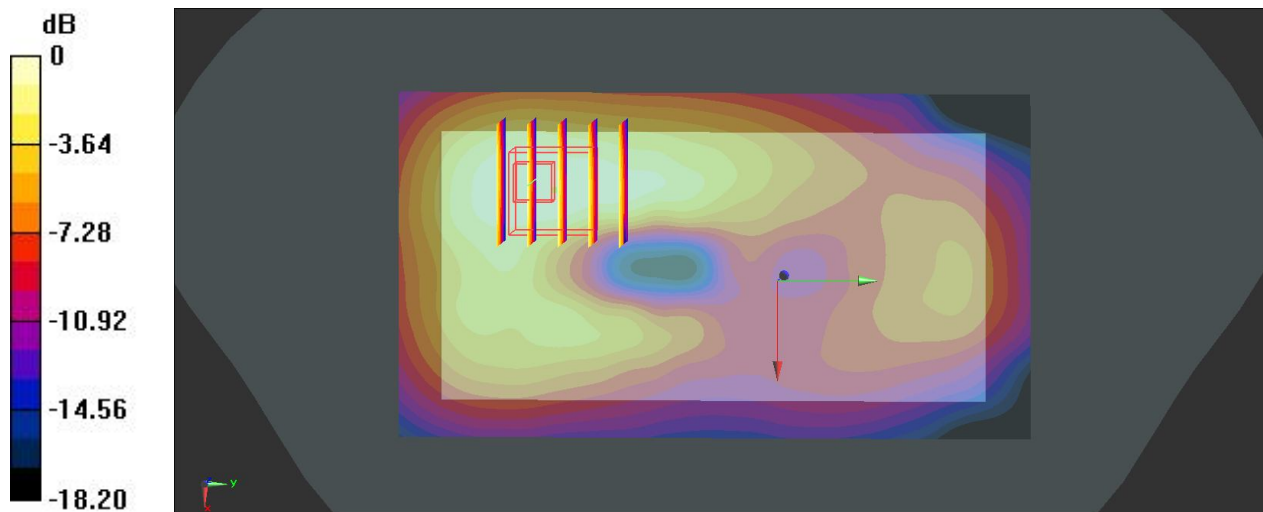
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.171 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.491 W/kg**

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



0 dB = 1.08 W/kg

**#09 GSM1900\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch810**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

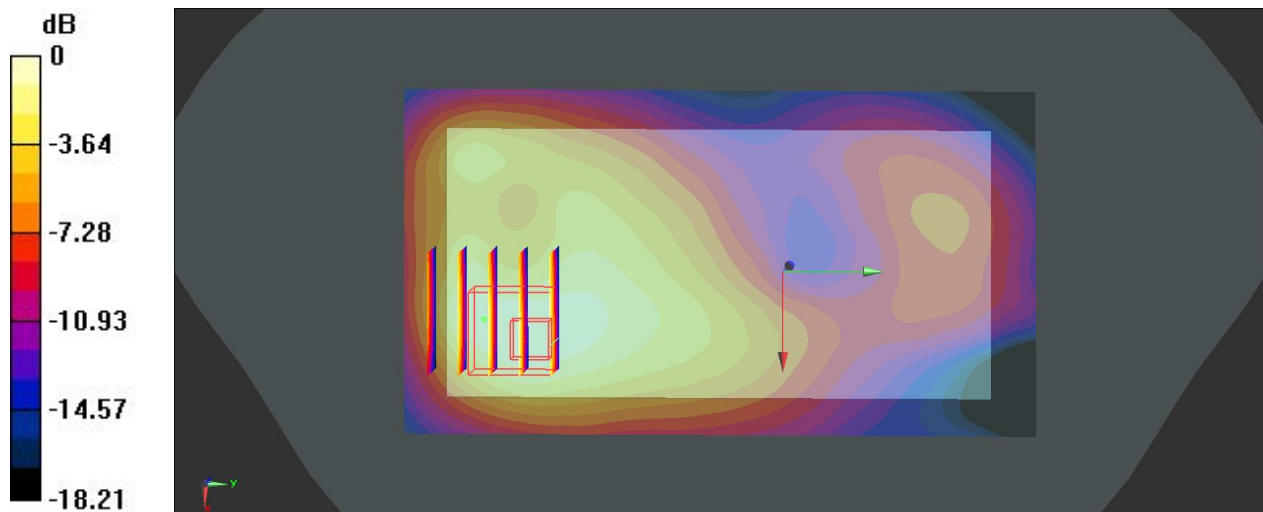
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.200 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.540 W/kg**

Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg

**#10 GSM1900\_GPRS (GMSK 2 Tx slots)\_Left side\_1cm\_Ch810**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.520 W/kg

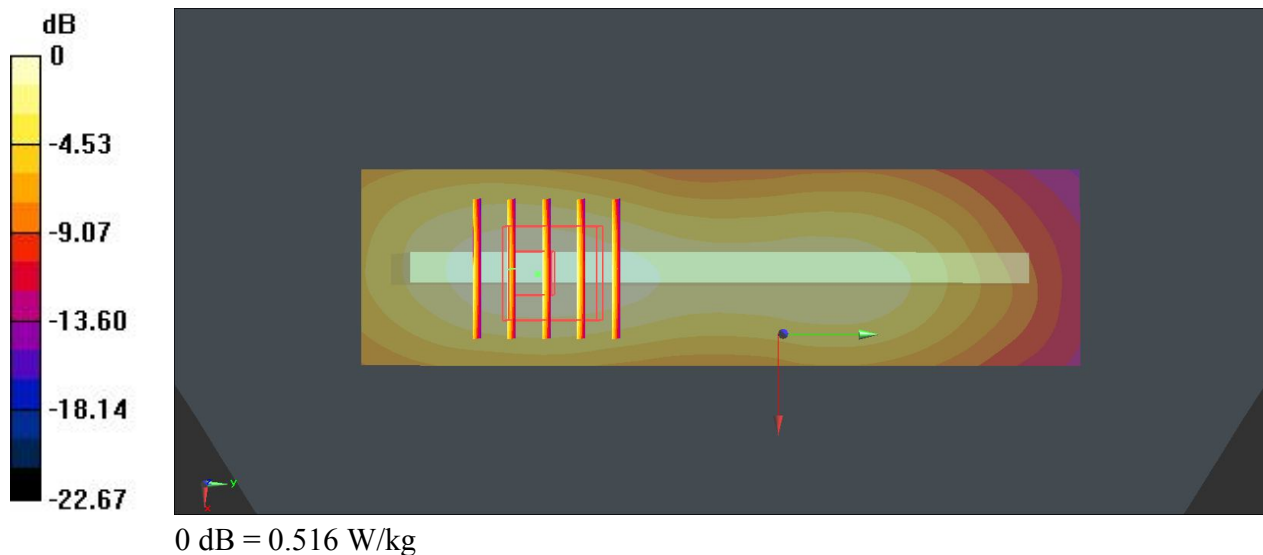
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.828 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.692 W/kg

**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.233 W/kg**

Maximum value of SAR (measured) = 0.516 W/kg



**#11 GSM1900\_GPRS (GMSK 2 Tx slots)\_Right side\_1cm\_Ch810**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

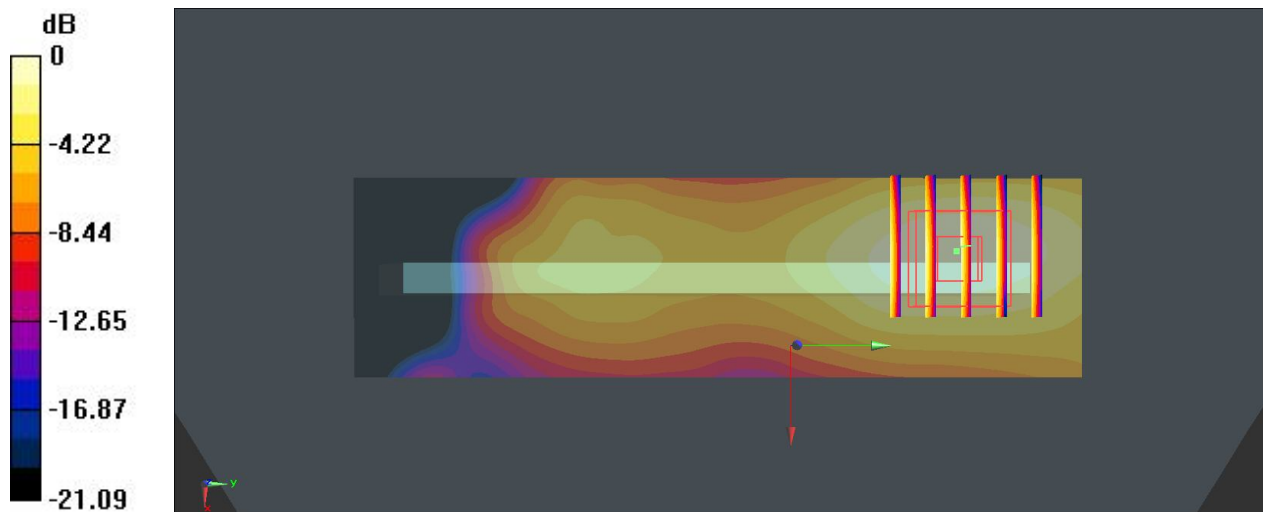
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.377 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.106 W/kg**

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



0 dB = 0.239 W/kg

**#12 GSM1900\_GPRS (GMSK 2 Tx slots)\_Bottom side\_1cm\_Ch810**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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) = 0.466 W/kg

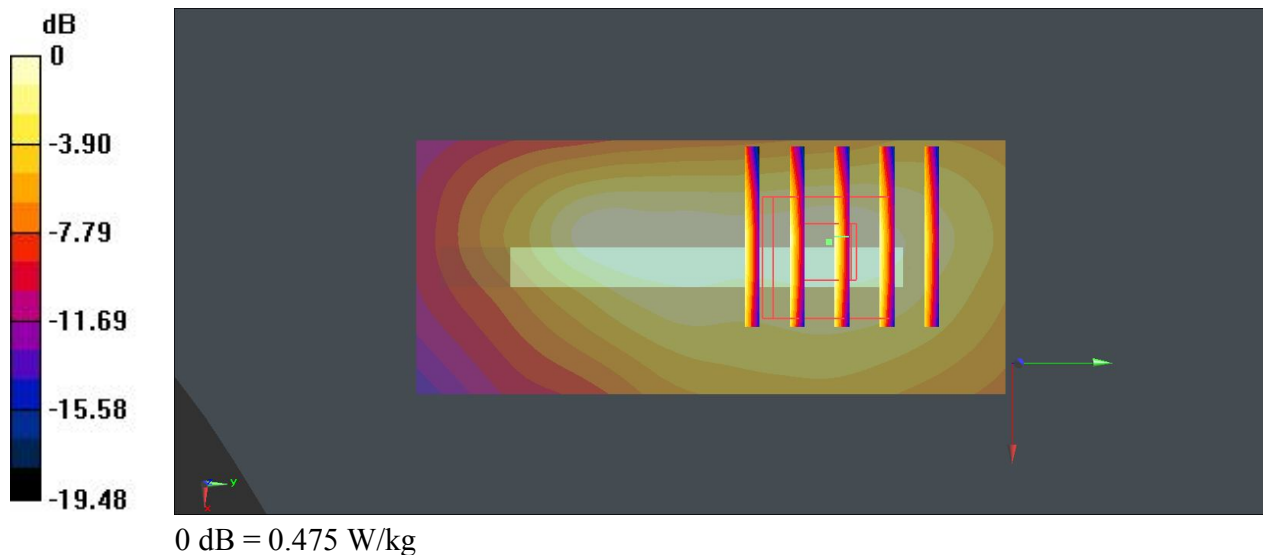
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.670 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.475 W/kg



**#13 GSM1900\_GPRS (GMSK 2 Tx slots)\_Front\_1cm\_Ch512**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 53.69$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 W/kg

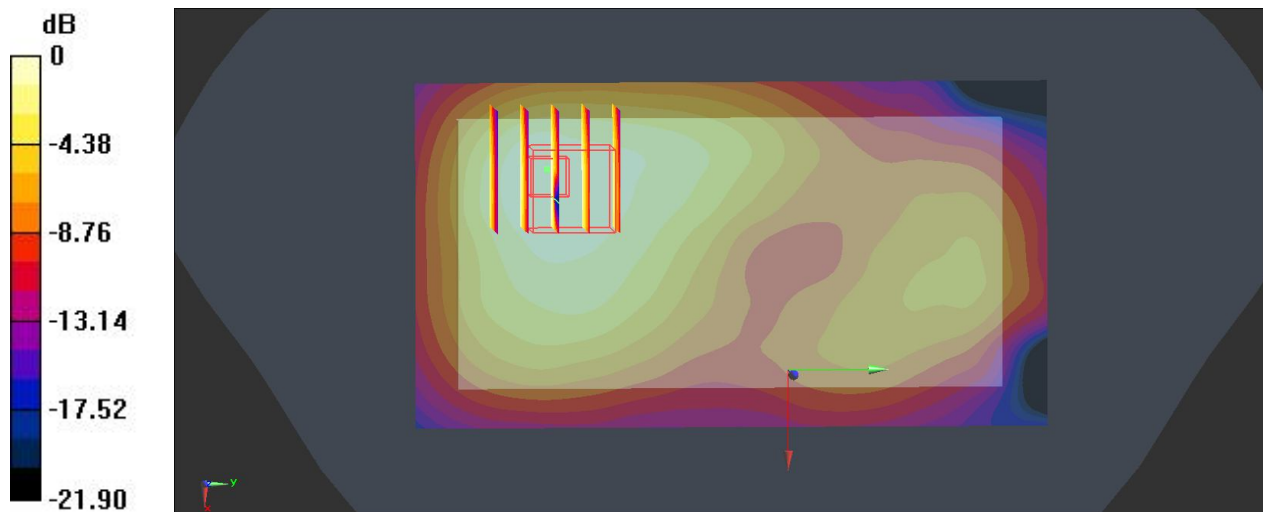
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.625 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.607 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

**#14 GSM1900\_GPRS (GMSK 2 Tx slots)\_Front\_1cm\_Ch661**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  S/m;  $\epsilon_r = 53.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.22 W/kg

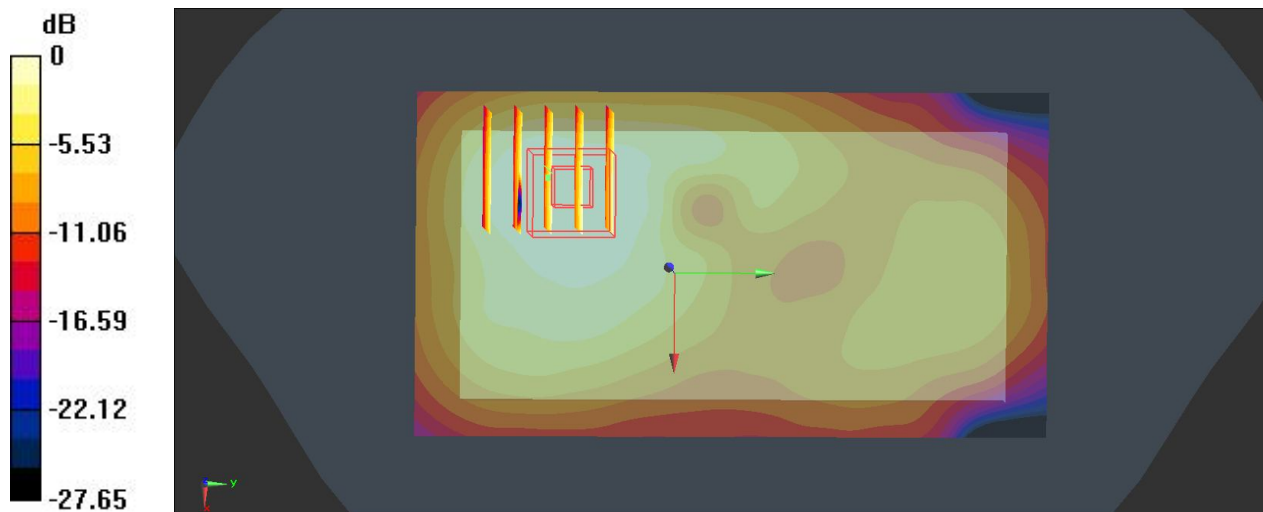
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.695 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.547 W/kg**

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



0 dB = 1.19 W/kg

**#15 GSM1900\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch512**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.68 W/kg

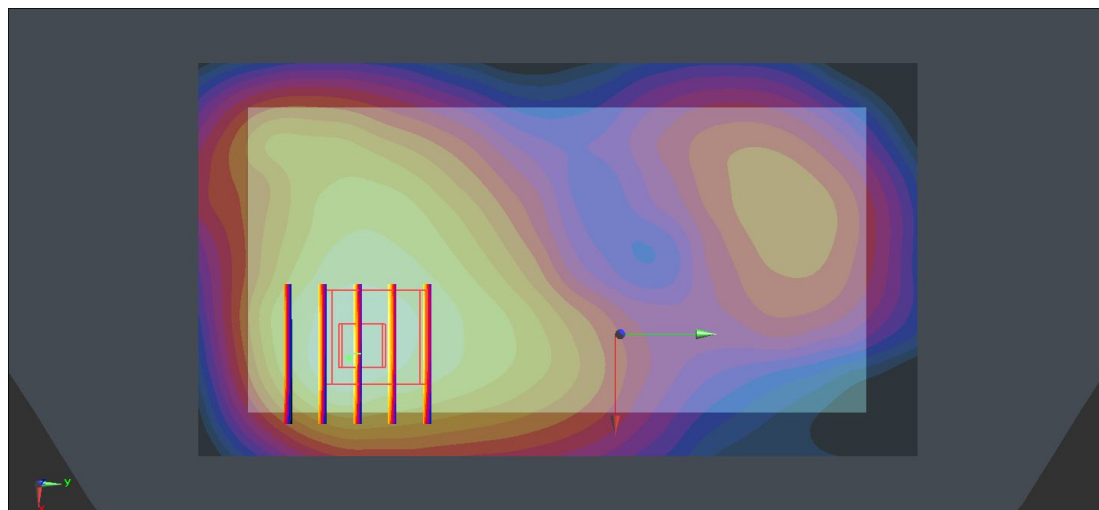
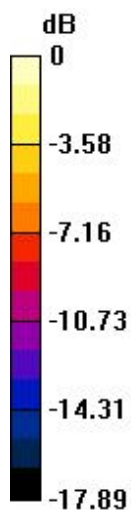
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.508 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.747 W/kg**

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg

**#19 GSM1900\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch512\_Repeat SAR**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 53.69$ ;

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

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.57 W/kg

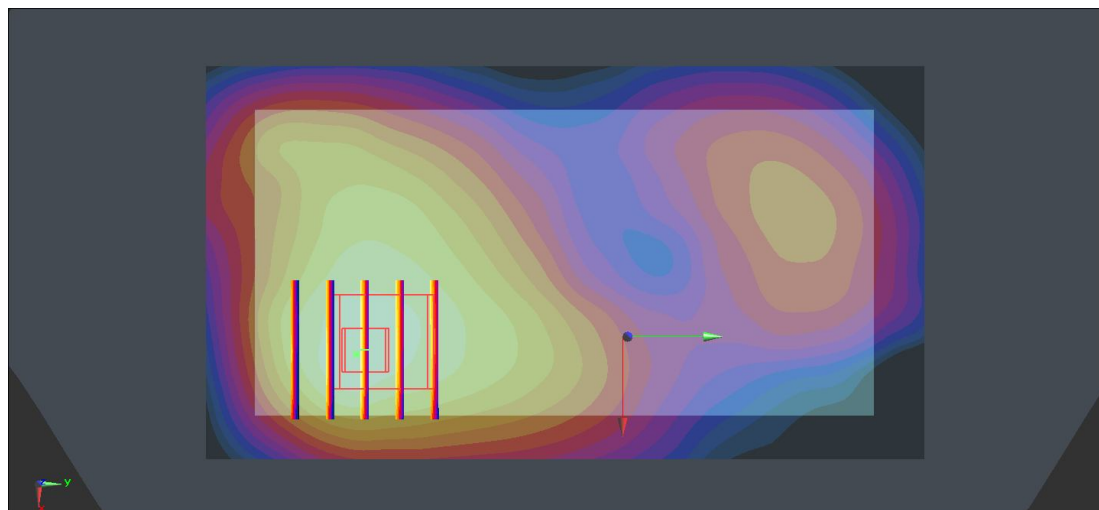
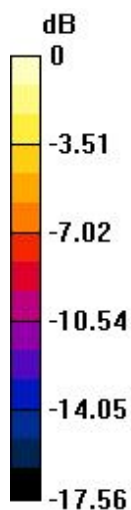
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.435 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.97 W/kg

**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.723 W/kg**

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg

**#16 GSM1900\_GPRS (GMSK 2 Tx slots)\_Back\_1cm\_Ch661**

Communication System: GPRS/EDGE (2 Tx slot); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  S/m;  $\epsilon_r = 53.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

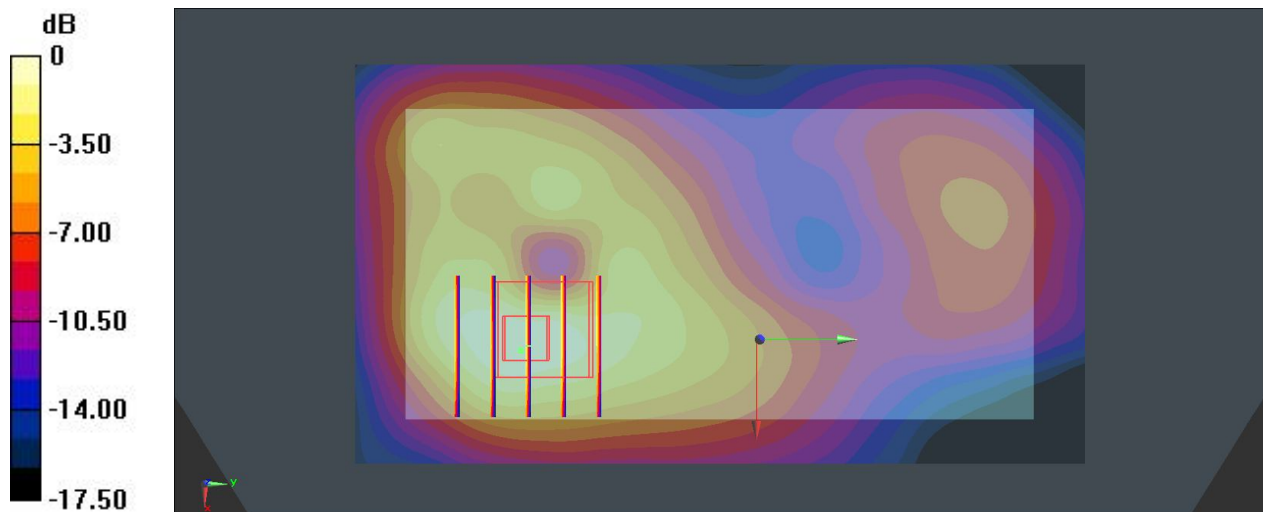
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.657 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.681 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg

**#17 GSM1900\_GSM Voice\_Front\_1cm\_Ch810**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.530 W/kg

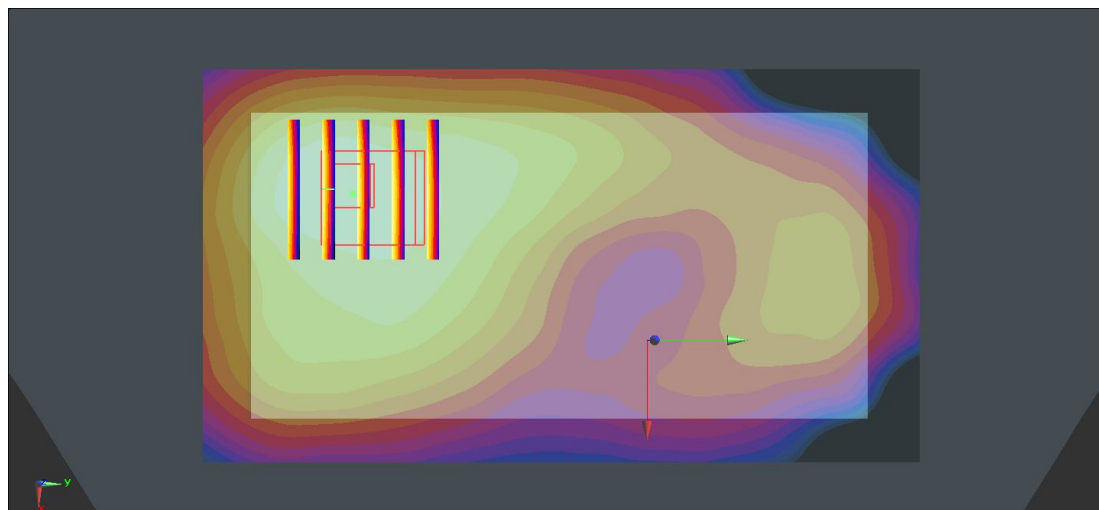
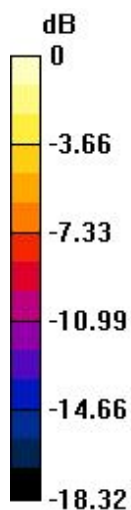
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.593 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg

**#18 GSM1900\_GSM Voice\_Back\_1cm\_Ch810**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.564$  S/m;  $\epsilon_r = 53.475$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.735 W/kg

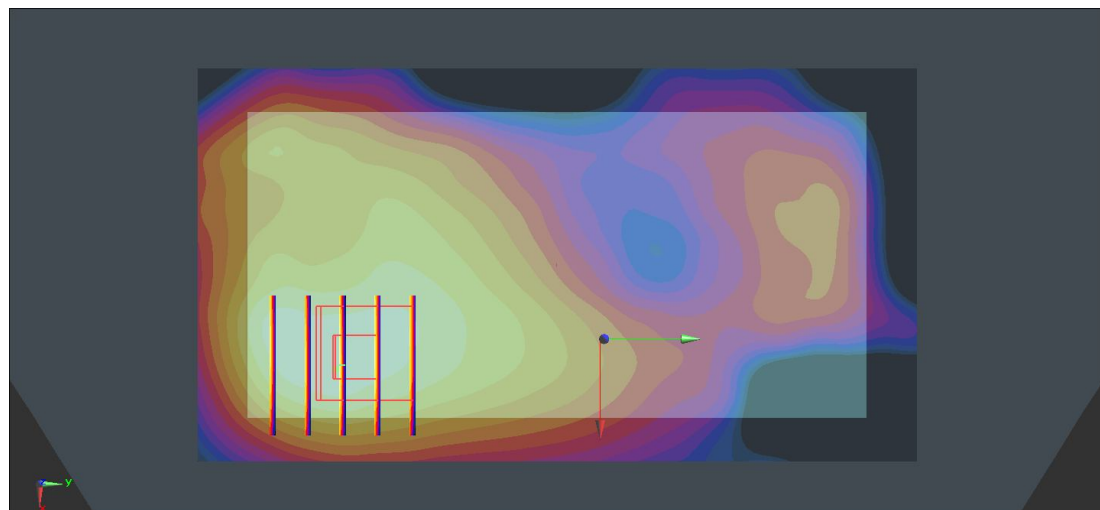
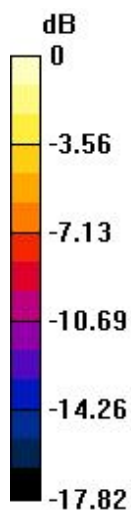
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.884 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.961 W/kg

**SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.326 W/kg**

Maximum value of SAR (measured) = 0.771 W/kg



0 dB = 0.771 W/kg

**#32 WCDMA Band V\_RMC 12.2K\_Front\_1cm\_Ch4132**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  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)

**Ch4132/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

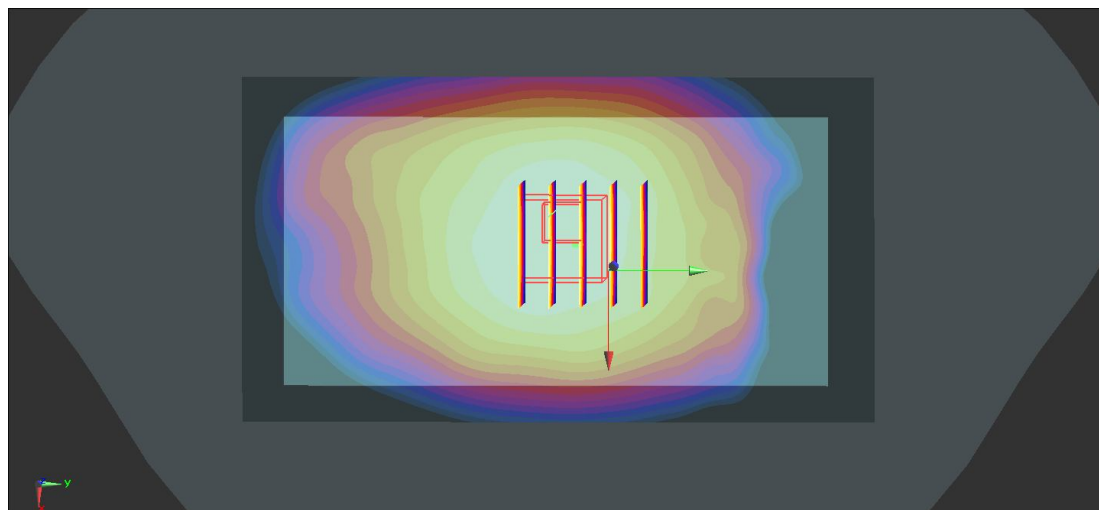
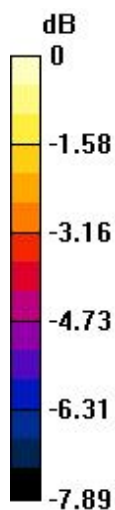
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.586 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.653 W/kg

**SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.596 W/kg

**#33 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4132**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  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)

**Ch4132/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.919 W/kg

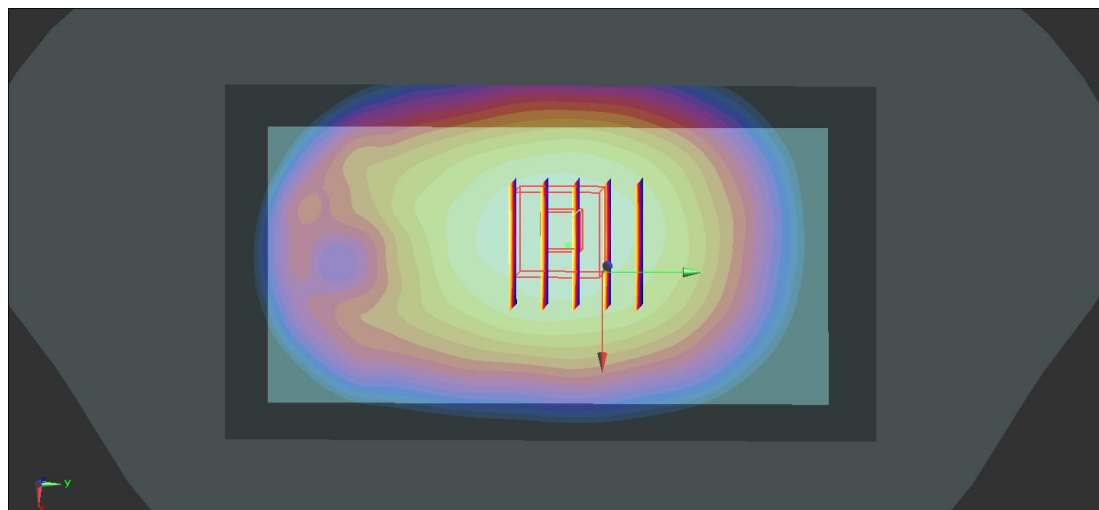
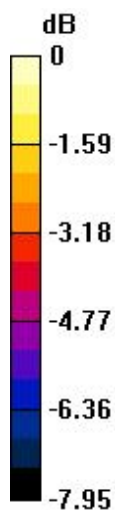
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.786 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.992 W/kg

**SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.618 W/kg**

Maximum value of SAR (measured) = 0.914 W/kg



0 dB = 0.914 W/kg

**#34 WCDMA Band V\_RMC 12.2K\_Left side\_1cm\_Ch4132**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  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)

**Ch4132/Area Scan (111x31x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.737 W/kg

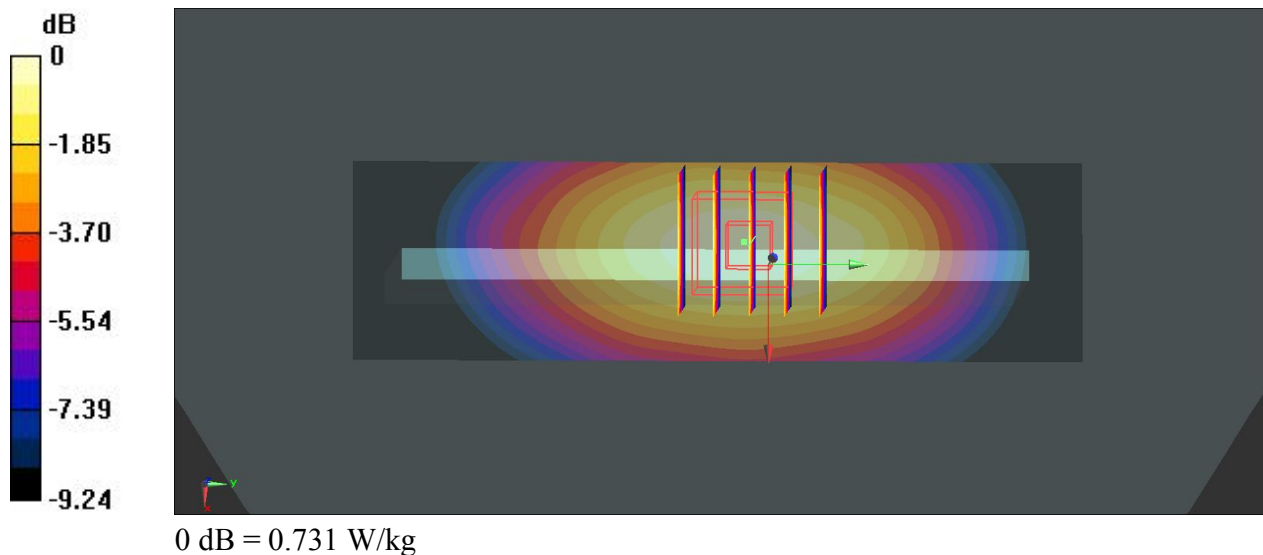
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.520 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.835 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 0.731 W/kg



**#35 WCDMA Band V\_RMC 12.2K\_Right side\_1cm\_Ch4132**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  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)

**Ch4132/Area Scan (111x31x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.791 W/kg

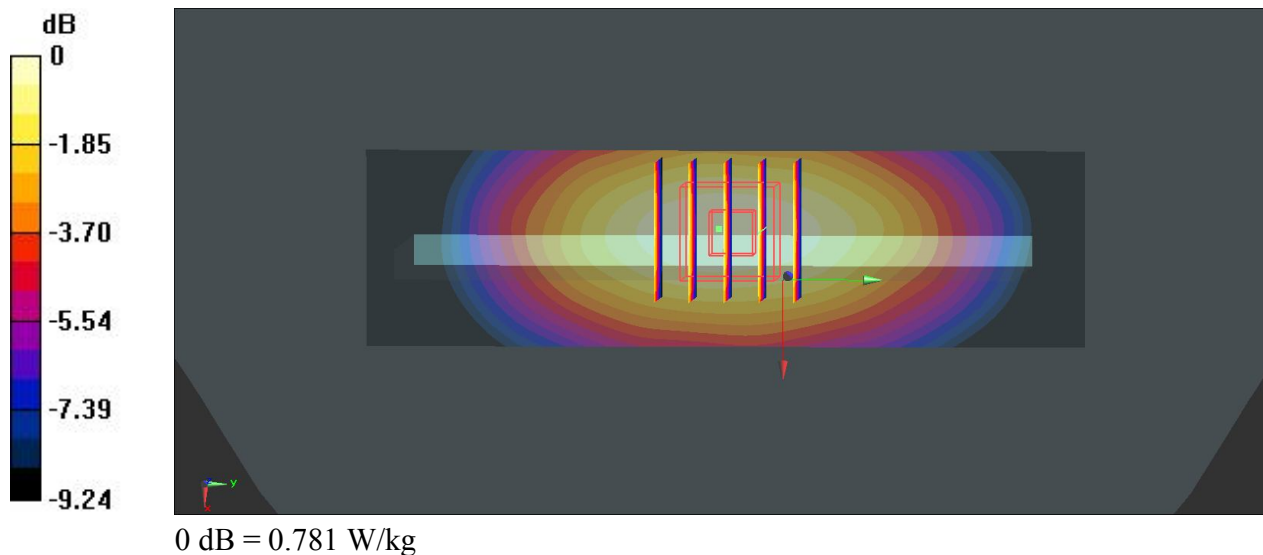
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.830 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.896 W/kg

**SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.462 W/kg**

Maximum value of SAR (measured) = 0.781 W/kg



**#36 WCDMA Band V\_RMC 12.2K\_Bottom side\_1cm\_Ch4132**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.965$  S/m;  $\epsilon_r = 54.15$ ;  $\rho = 1000$  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)

**Ch4132/Area Scan (71x31x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0907 W/kg

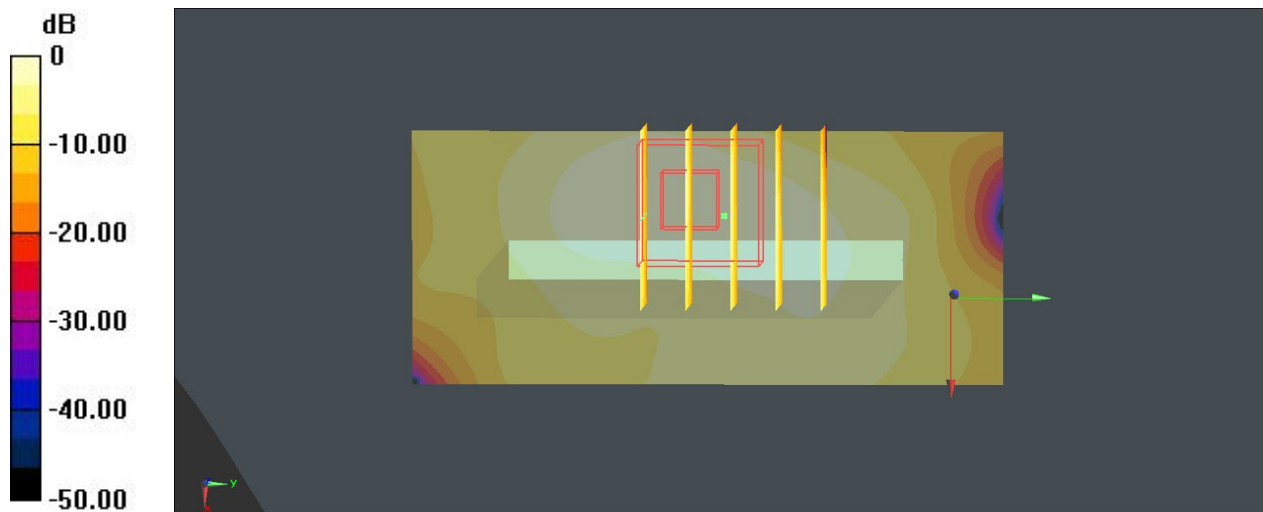
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.410 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.034 W/kg**

Maximum value of SAR (measured) = 0.0894 W/kg



0 dB = 0.0894 W/kg

**#37 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4182**

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

Medium: MSL\_835\_130906 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.974$  S/m;  $\epsilon_r = 54.078$ ;  $\rho = 1000$  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 (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.946 W/kg

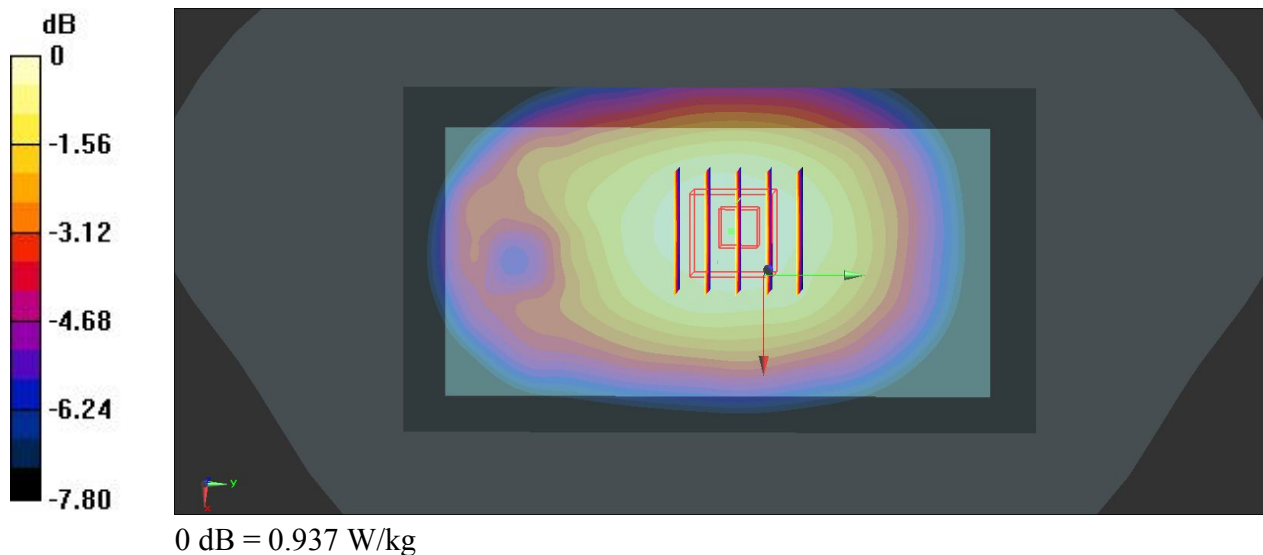
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.930 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.631 W/kg**

Maximum value of SAR (measured) = 0.937 W/kg



**#38 WCDMA Band V\_RMC 12.2K\_Back\_1cm\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_130906 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 53.987$ ;  $\rho = 1000$  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)

**Ch4233/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.916 W/kg

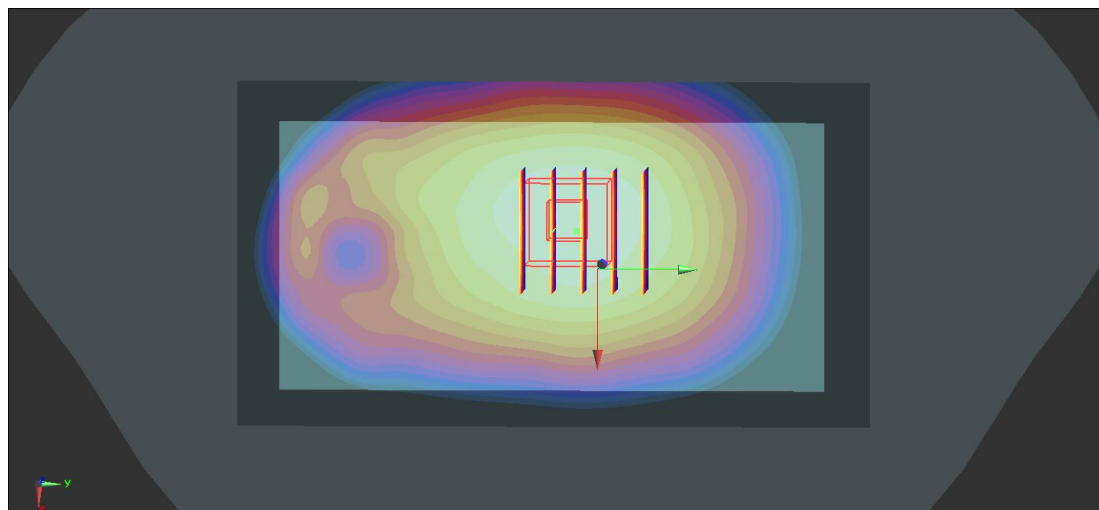
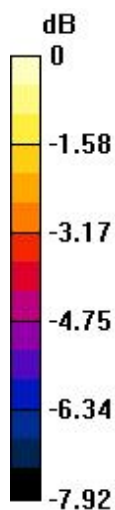
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.311 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.611 W/kg**

Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.912 W/kg

**#55 WCDMA Band IV\_RMC 12.2K\_Front\_1cm\_Ch1413**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 54.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1413/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

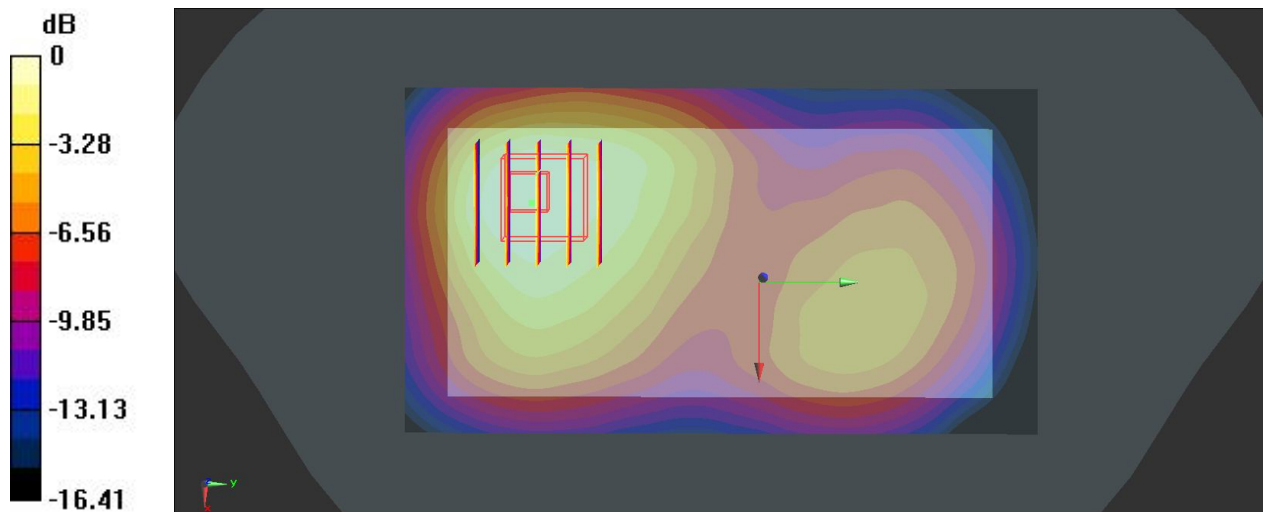
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.059 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.583 W/kg**

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



0 dB = 1.14 W/kg

**#56 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1413**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 54.271$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1413/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.67 W/kg

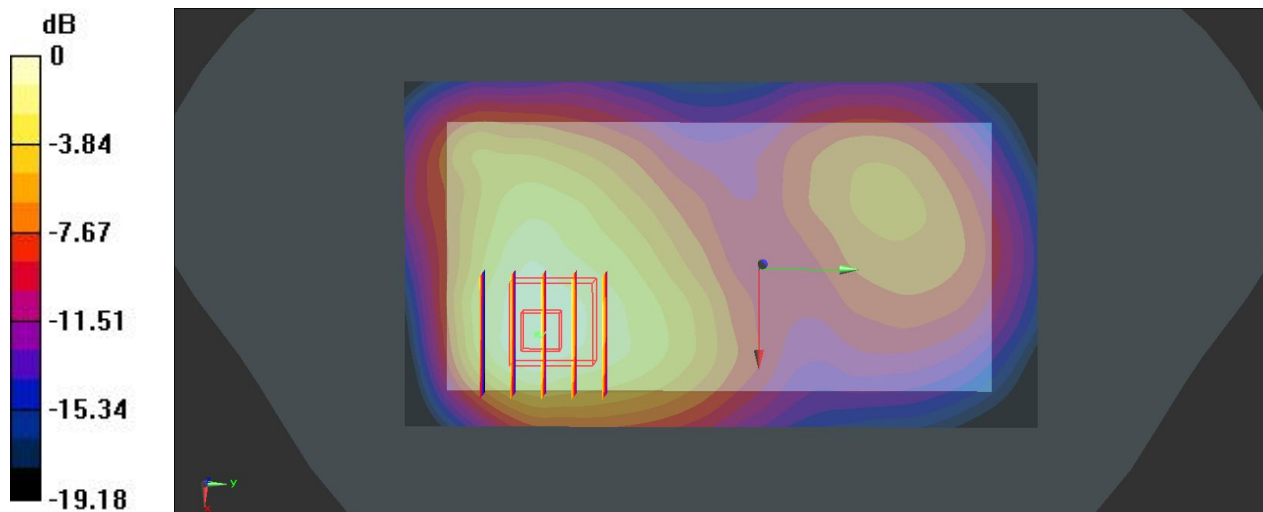
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.316 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.769 W/kg**

Maximum value of SAR (measured) = 1.69 W/kg



**#57 WCDMA Band IV\_RMC 12.2K\_Left side\_1cm\_Ch1413**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 54.271$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1413/Area Scan (111x31x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.568 W/kg

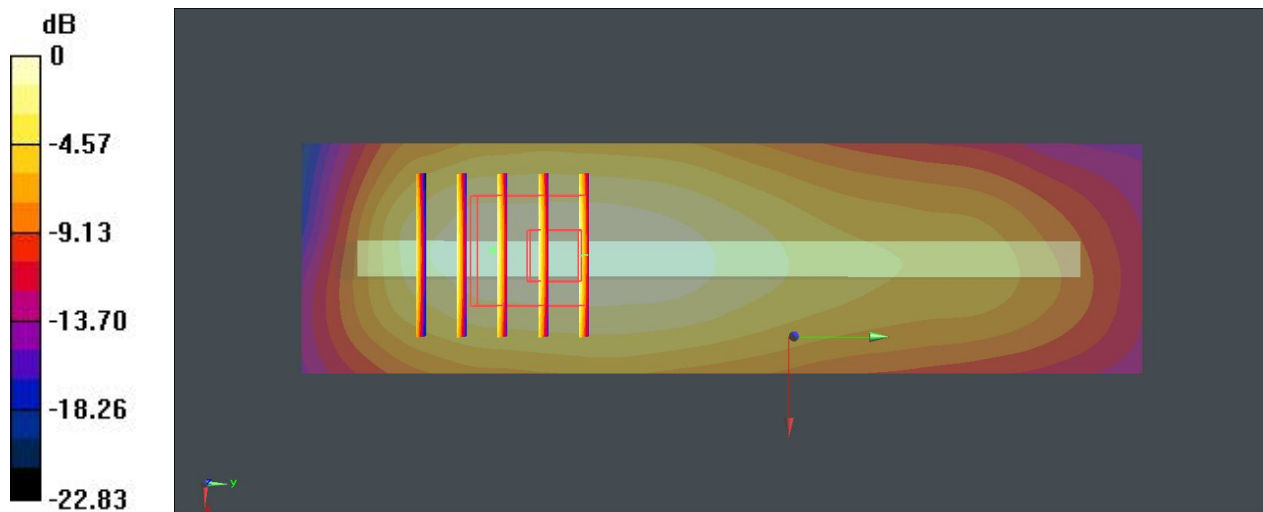
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.532 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.733 W/kg

**SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg

**#58 WCDMA Band IV\_RMC 12.2K\_Right side\_1cm\_Ch1413**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 54.271$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1413/Area Scan (111x31x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.200 W/kg

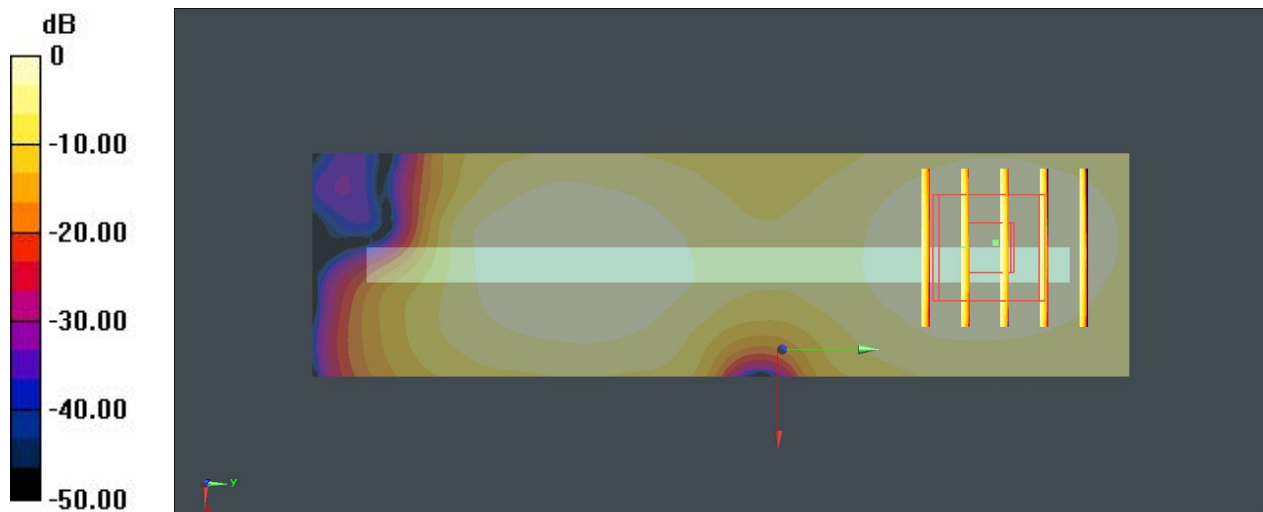
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.694 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.091 W/kg**

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



**#59 WCDMA Band IV\_RMC 12.2K\_Bottom side\_1cm\_Ch1413**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 54.271$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1413/Area Scan (71x31x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 W/kg

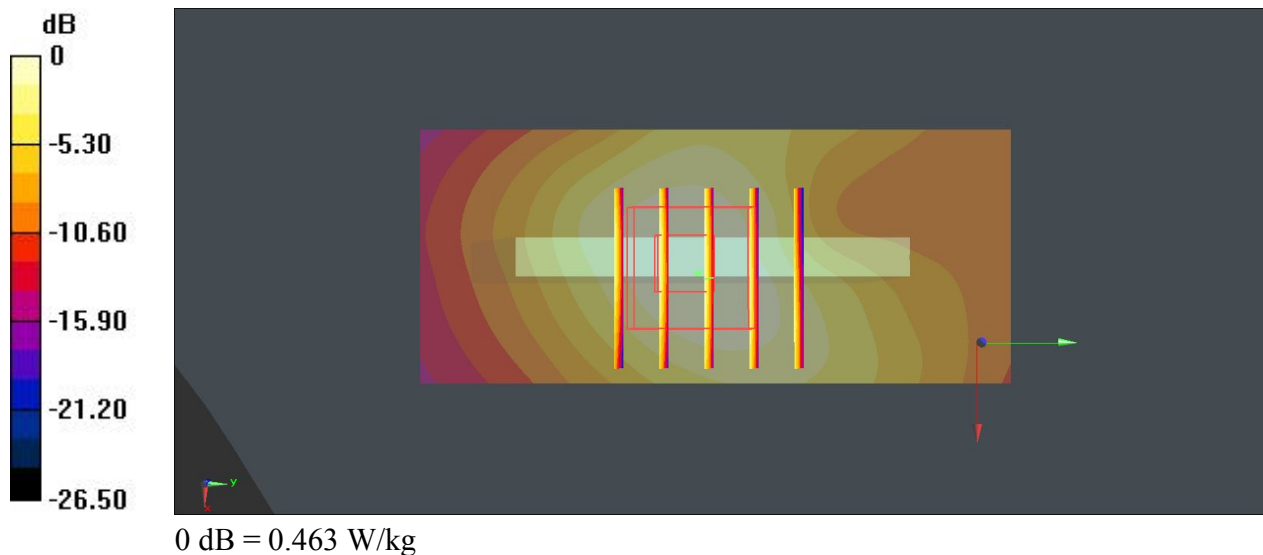
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.184 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.579 W/kg

**SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 0.463 W/kg



**#60 WCDMA Band IV\_RMC 12.2K\_Front\_1cm\_Ch1312**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.475$  S/m;  $\epsilon_r = 54.309$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1312/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

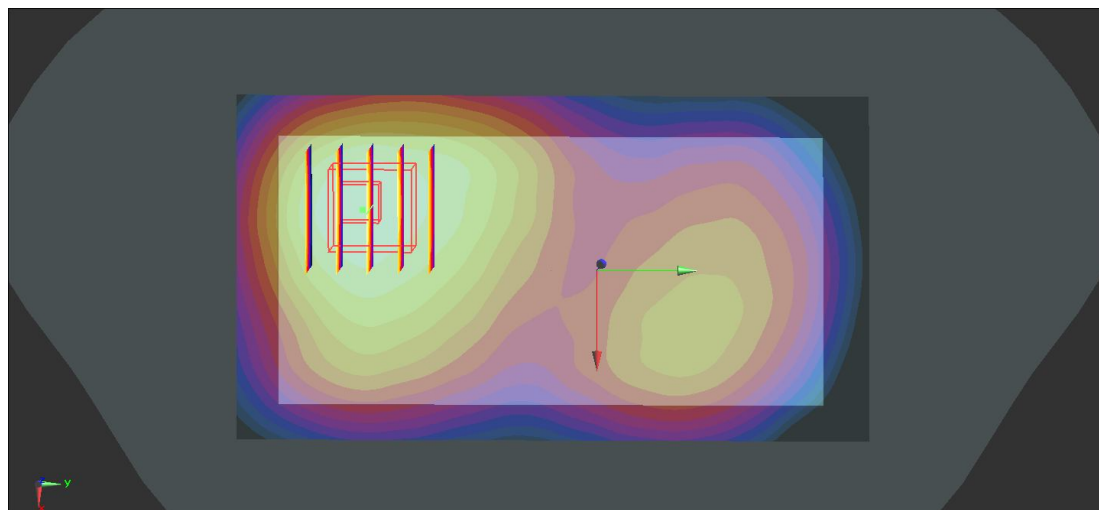
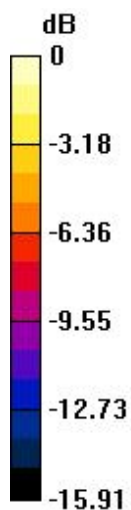
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.385 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.707 W/kg**

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



0 dB = 1.39 W/kg

**#61 WCDMA Band IV\_RMC 12.2K\_Front\_1Cm\_Ch1513**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 54.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1513/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

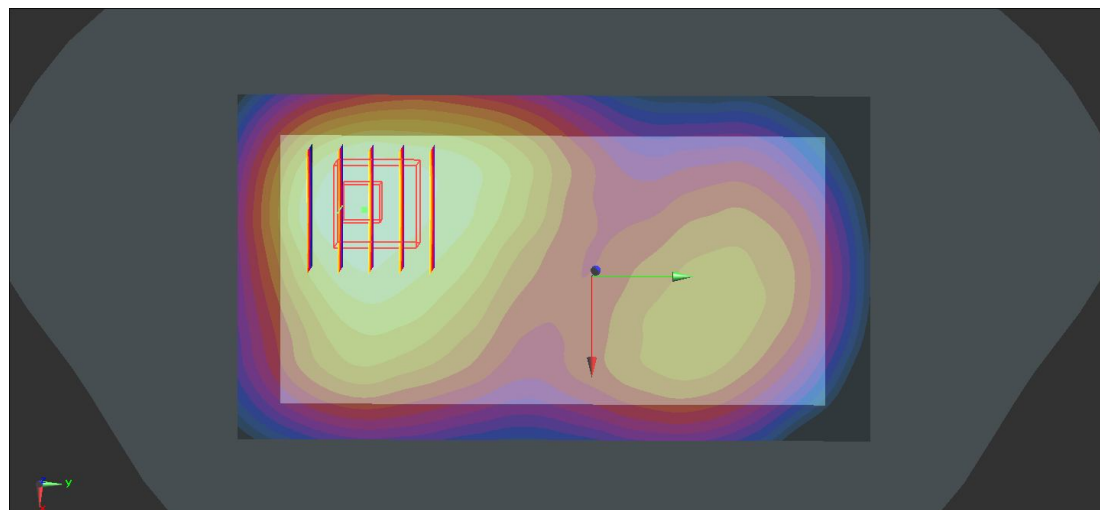
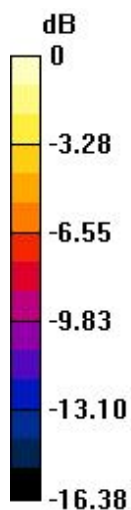
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.398 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.638 W/kg**

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



0 dB = 1.27 W/kg

**#62 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1312**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.475$  S/m;  $\epsilon_r = 54.309$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1312/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.83 W/kg

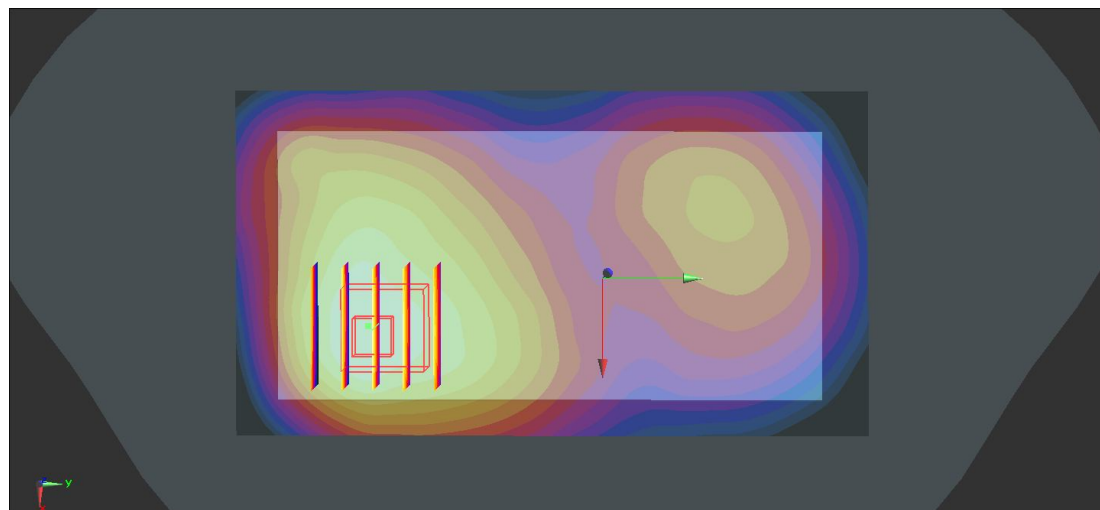
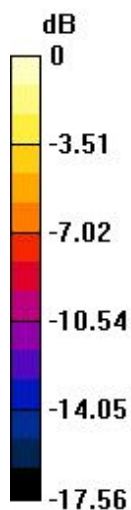
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.113 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.864 W/kg**

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg

**#64 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1312\_Repeat SAR**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.475$  S/m;  $\epsilon_r = 54.309$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1312/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.84 W/kg

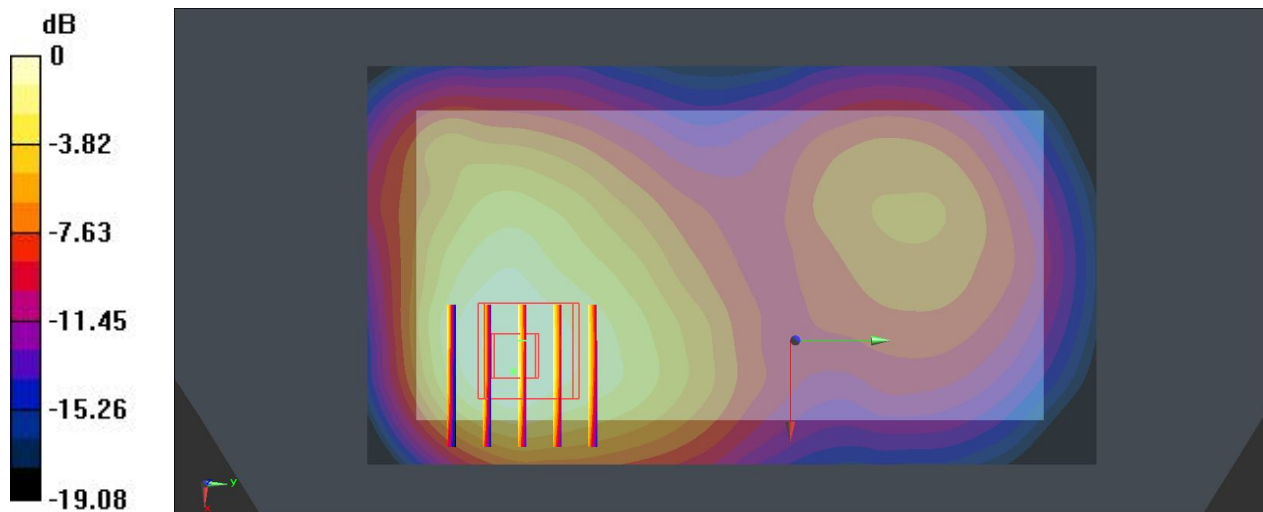
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.484 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.851 W/kg**

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg

**#63 WCDMA Band IV\_RMC 12.2K\_Back\_1cm\_Ch1513**

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

Medium: MSL\_1800\_130907 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.518$  S/m;  $\epsilon_r = 54.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3911; ConvF(8.17, 8.17, 8.17); 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)

**Ch1513/Area Scan (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.71 W/kg

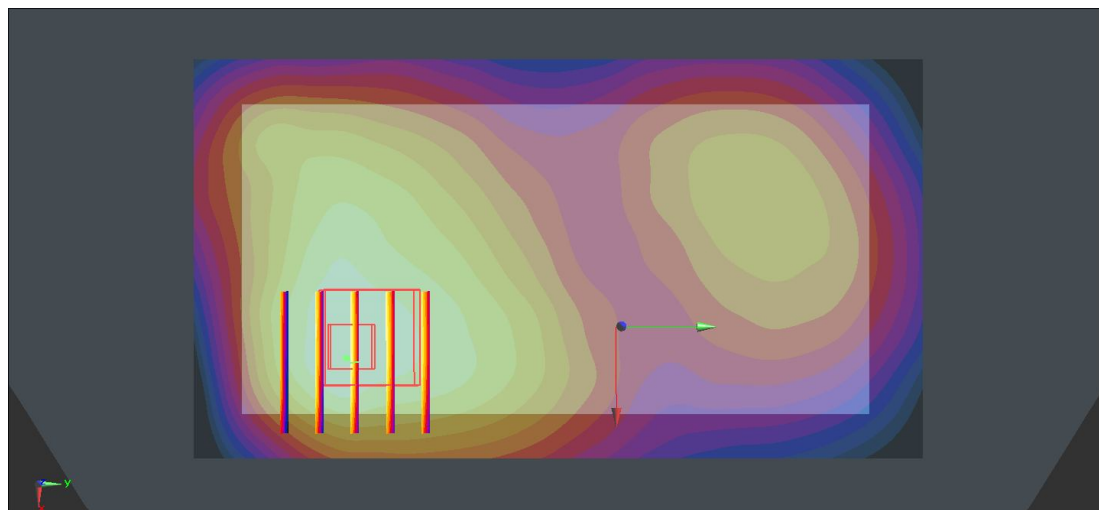
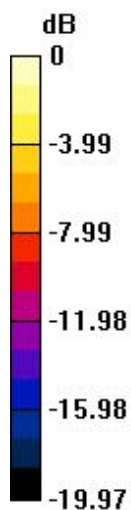
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.611 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.771 W/kg**

Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg

**#01 WCDMA Band II\_RMC 12.2K\_Front\_1cm\_Ch9538**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 53.476$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.860 W/kg

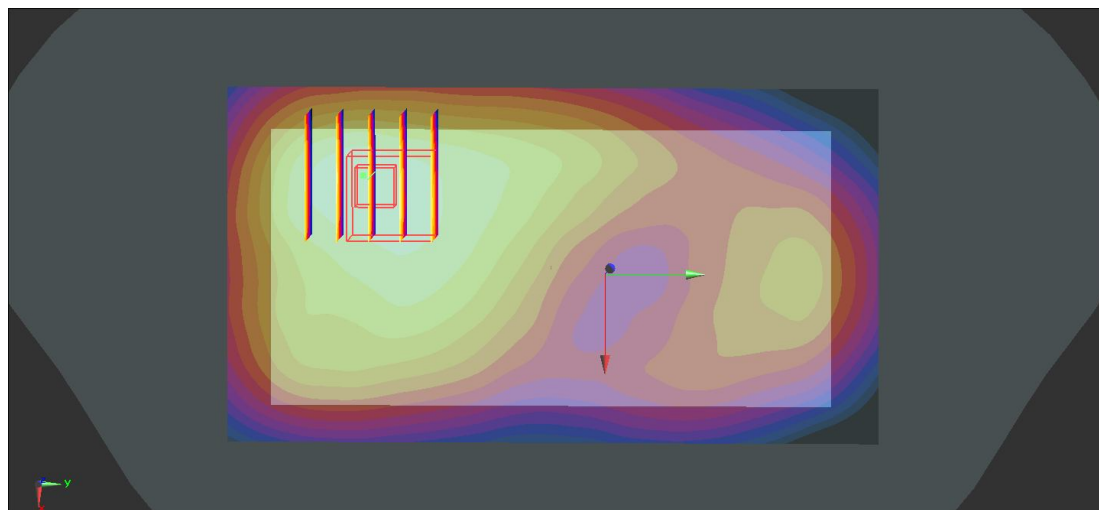
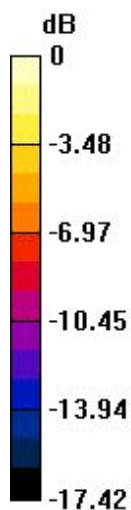
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.043 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.423 W/kg**

Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg

**#02 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9538**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 53.476$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

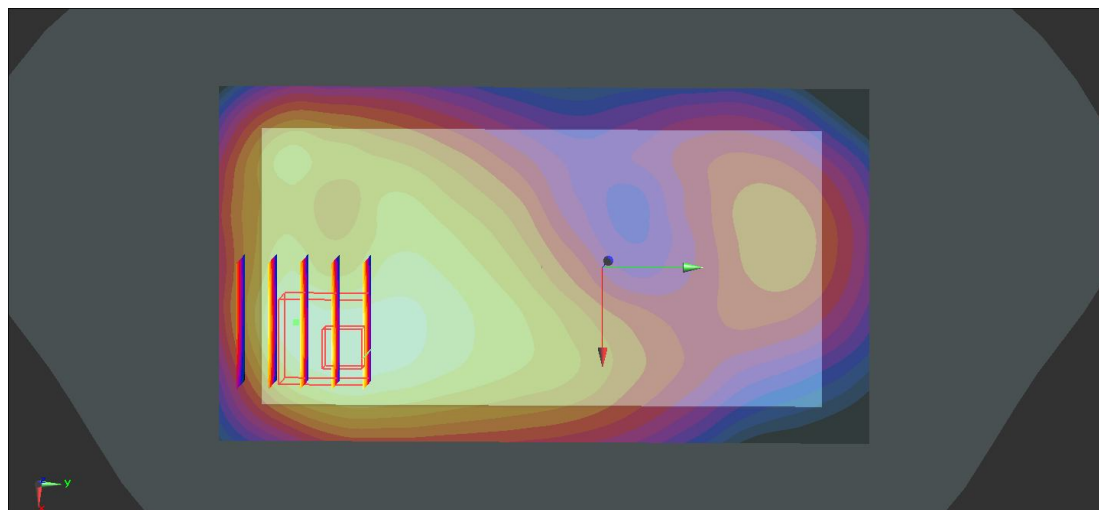
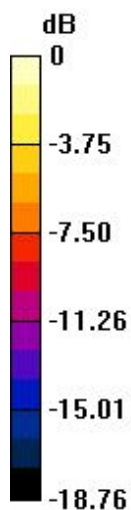
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.241 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.452 W/kg**

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



0 dB = 1.12 W/kg

**#03 WCDMA Band II\_RMC 12.2K\_Left side\_1cm\_Ch9538**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 53.476$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.524 W/kg

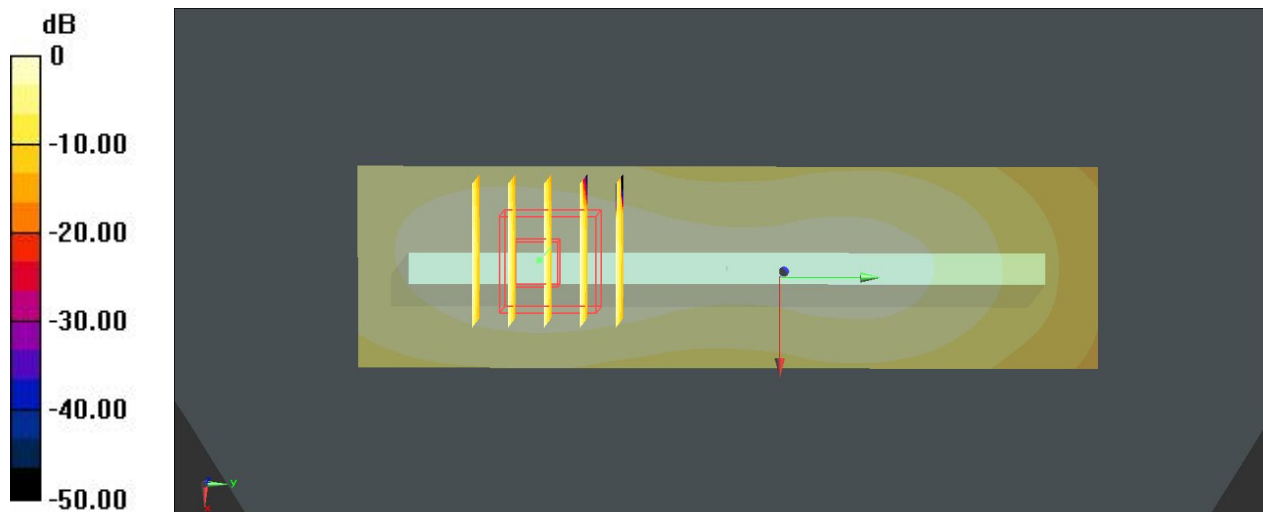
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.580 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.627 W/kg

**SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.231 W/kg**

Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.505 W/kg

**#04 WCDMA Band II\_RMC 12.2K\_Right side side\_1cm\_Ch9538**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 53.476$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (31x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.244 W/kg

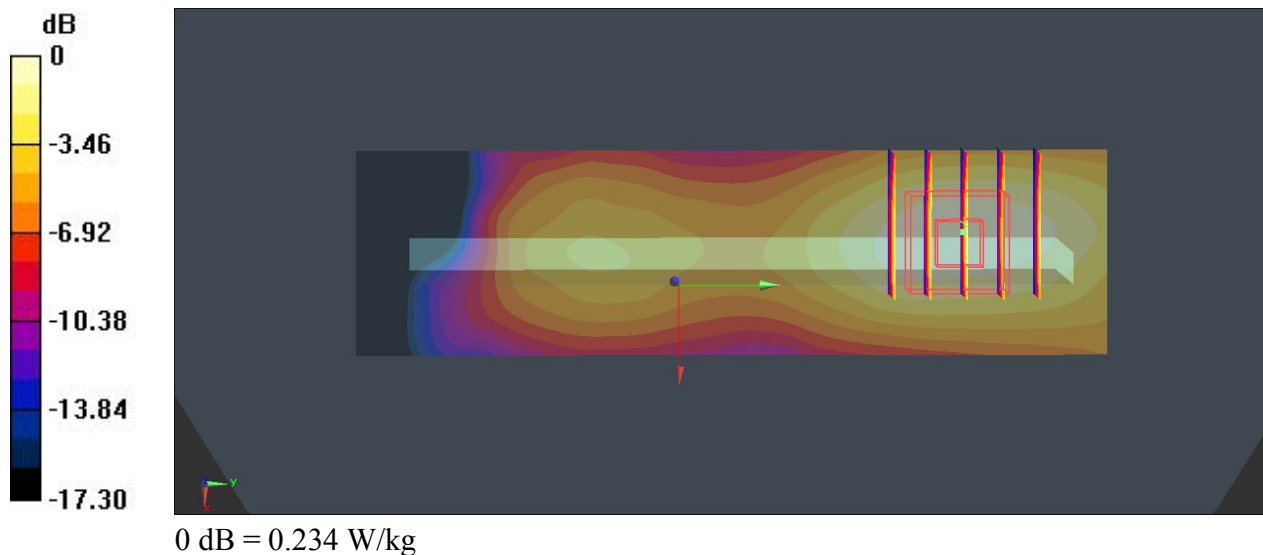
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.455 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 0.234 W/kg



**#05 WCDMA Band II\_RMC 12.2K\_Bottom side\_1cm\_Ch9538**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.562$  S/m;  $\epsilon_r = 53.476$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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) = 0.444 W/kg

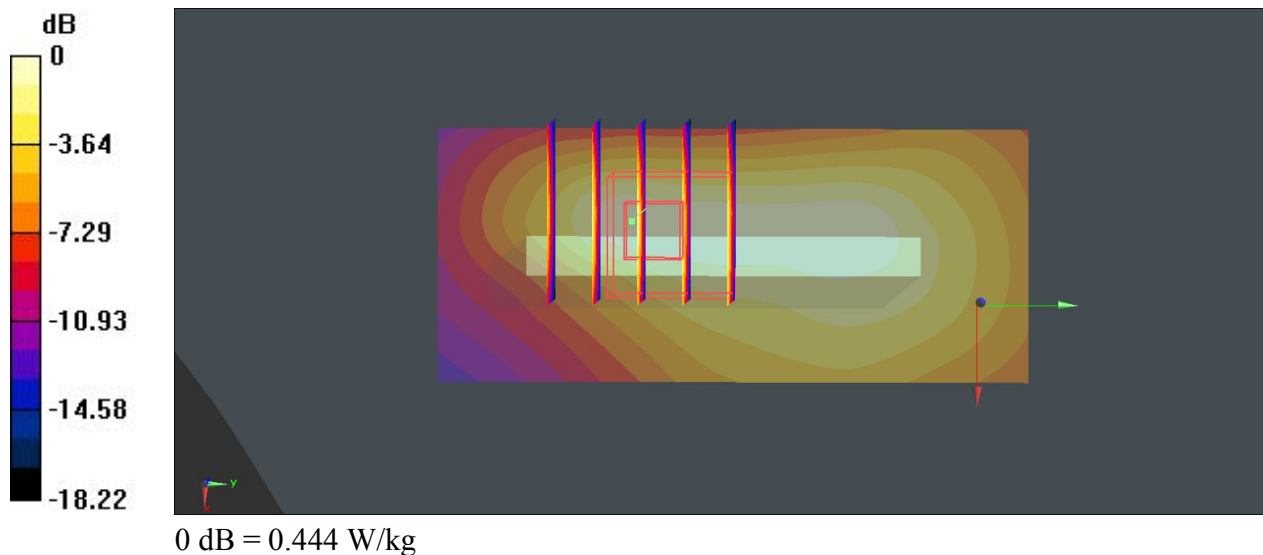
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.359 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.559 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 0.444 W/kg



**#06 WCDMA Band II\_RMC 12.2K\_Back\_1cm\_Ch9262**

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

Medium: MSL\_1900\_130904 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.492$  S/m;  $\epsilon_r = 53.679$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

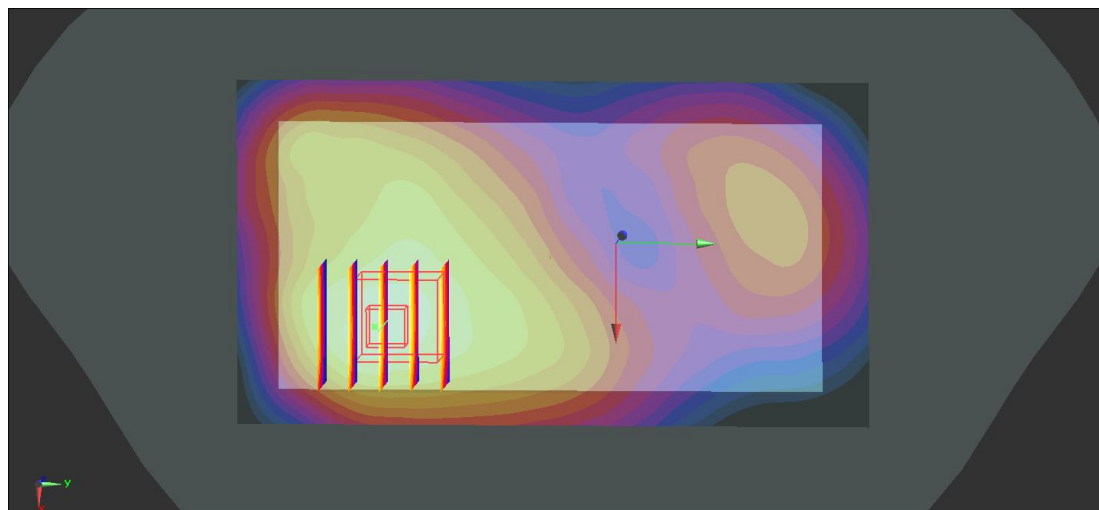
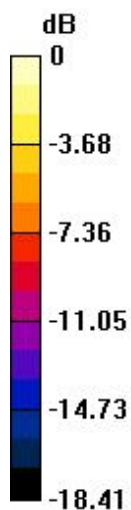
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.006 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.558 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 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\_130904 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.525$  S/m;  $\epsilon_r = 53.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature : 22.7 °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 (111x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

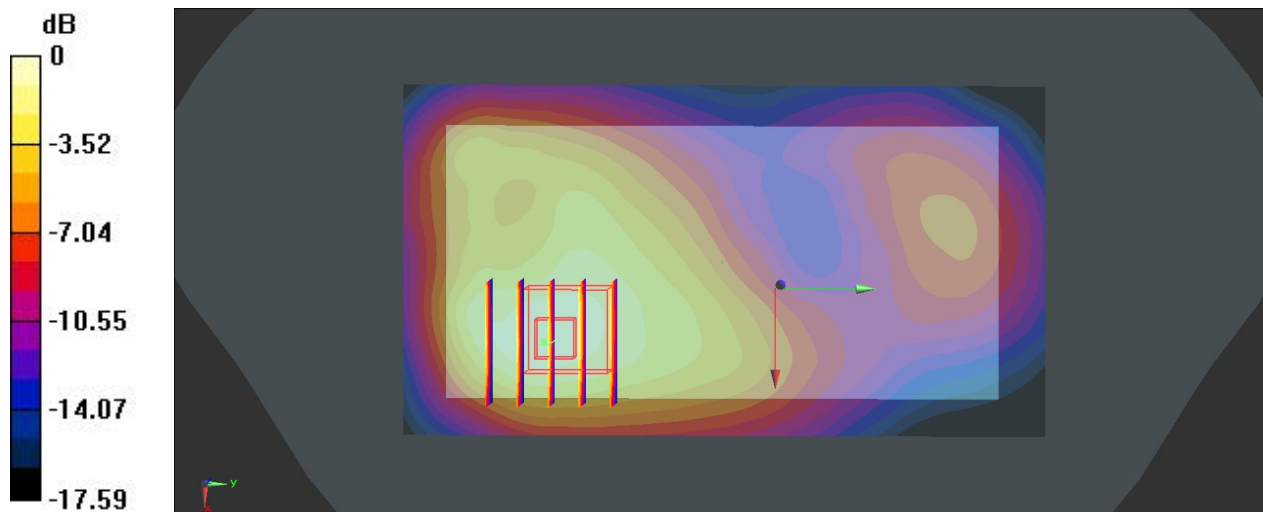
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.275 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.528 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg

**#89 WLAN 2.4GHz\_802.11b\_Front\_1cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: MSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 51.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

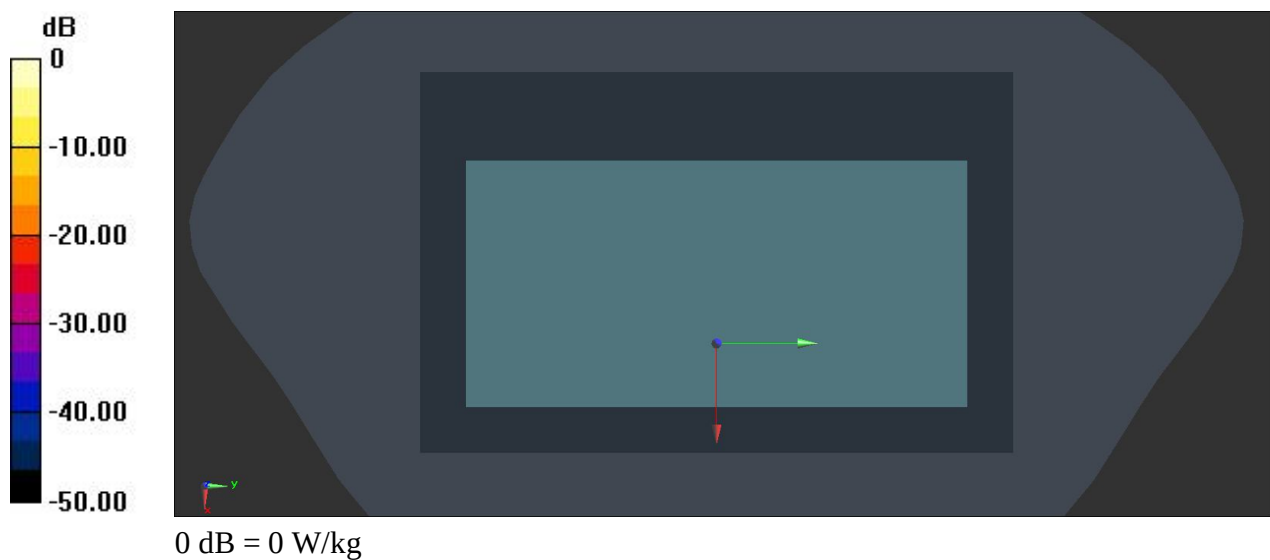
Ambient Temperature: 23.4 °C; Liquid Temperature : 22.5 °C

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 (91x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0 W/kg



**#90 WLAN 2.4GHz\_802.11b\_Back\_1cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: MSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 51.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °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 (91x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0204 W/kg

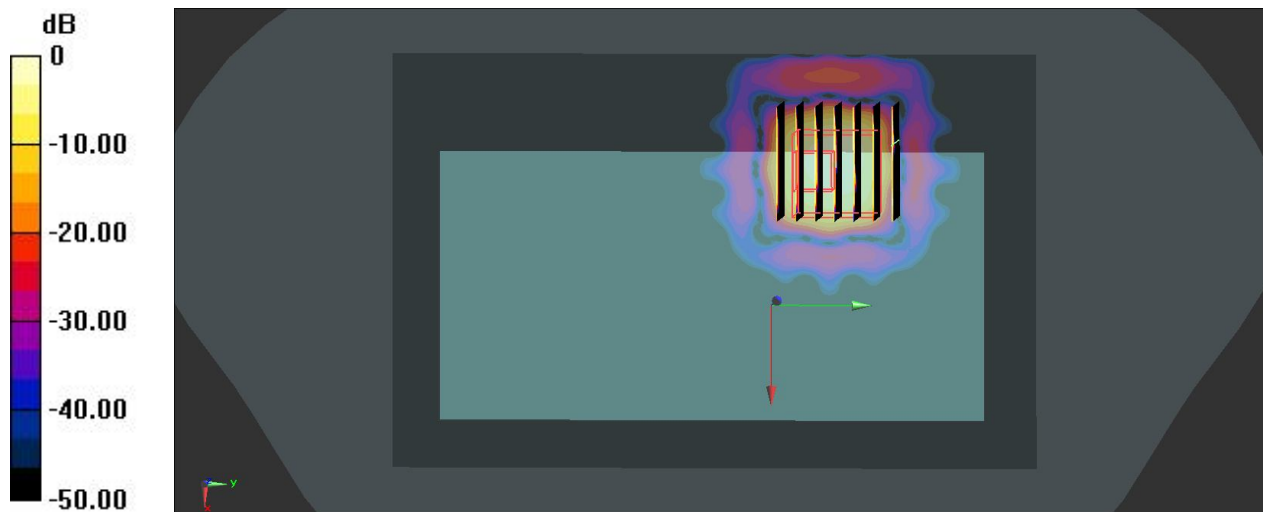
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0380 W/kg

**SAR(1 g) = 0.00475 W/kg; SAR(10 g) = 0.000907 W/kg**

Maximum value of SAR (measured) = 0.0255 W/kg



0 dB = 0.0255 W/kg

**#91 WLAN 2.4GHz\_802.11b\_Right side\_1cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: MSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 51.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °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 (31x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0306 W/kg

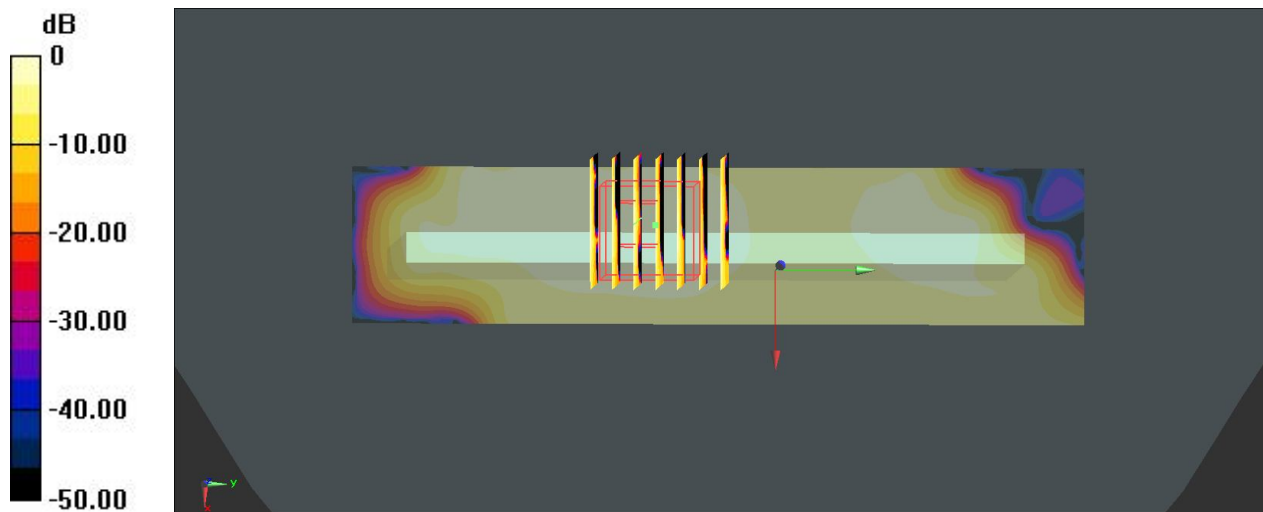
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.776 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0420 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00647 W/kg**

Maximum value of SAR (measured) = 0.0298 W/kg



0 dB = 0.0298 W/kg

**#92 WLAN 2.4GHz\_802.11b\_Top side\_1cm\_Ch1**

Communication System: 802.11b ;Frequency: 2412 MHz;Duty Cycle: 1:1.024

Medium: MSL\_2450\_130909 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 51.244$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °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 (31x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00652 W/kg

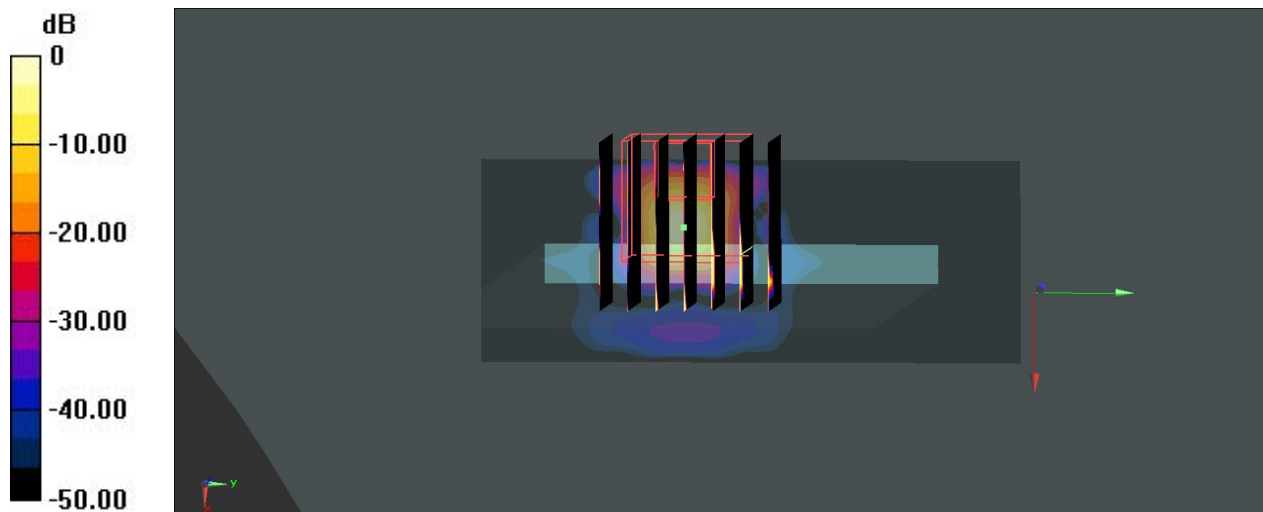
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.273 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.00574 W/kg

**SAR(1 g) = 8.02e-005 W/kg; SAR(10 g) = 8.03e-006 W/kg**

Maximum value of SAR (measured) = 0.00623 W/kg



0 dB = 0.00623 W/kg