



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#86 GSM850_GSM Voice_Left Cheek_Ch251_#2**DUT: MT1-U06**

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

Medium: HSL_835_130221 Medium parameters used: $f = 849$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 40.499$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 W/kg

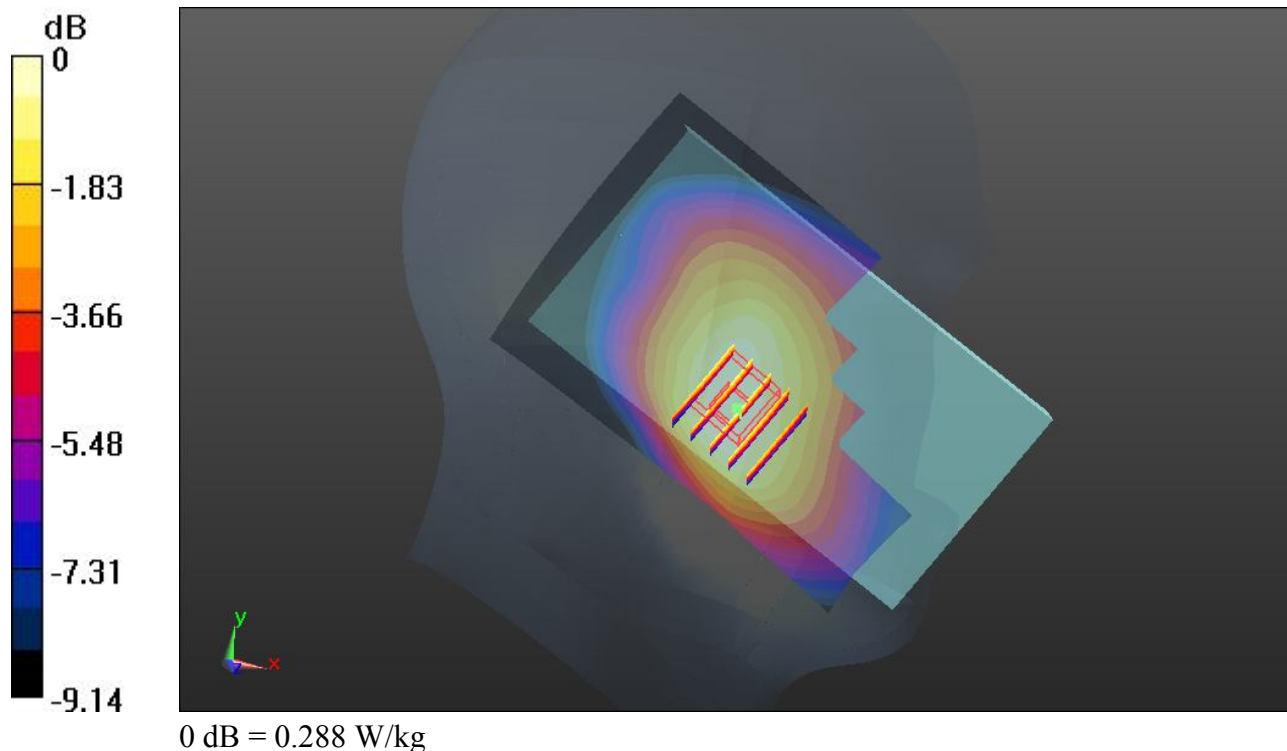
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.629 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.319 mW/g

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.288 W/kg



#182 GSM850_GSM Voice_Left Cheek_Ch251_#4

DUT: MT1-U06

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

Medium: HSL_835_130307 Medium parameters used: $f = 849$ MHz; $\sigma = 0.926$ mho/m; $\epsilon_r = 41.783$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.327 W/kg

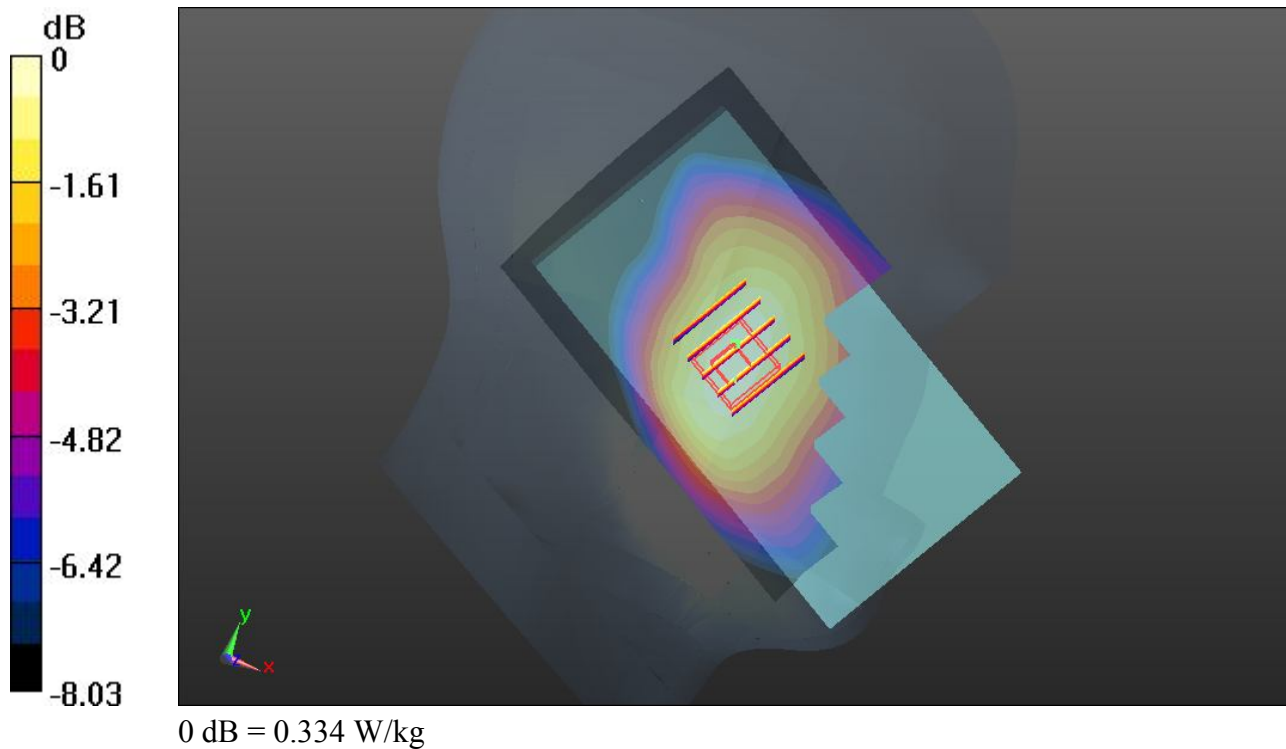
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.442 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.366 mW/g

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.334 W/kg



#05 GSM1900_GSM Voice_Right Cheek_Ch512_#2**DUT: MT1-U06**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130206 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.369$ mho/m; $\epsilon_r =$

40.694; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

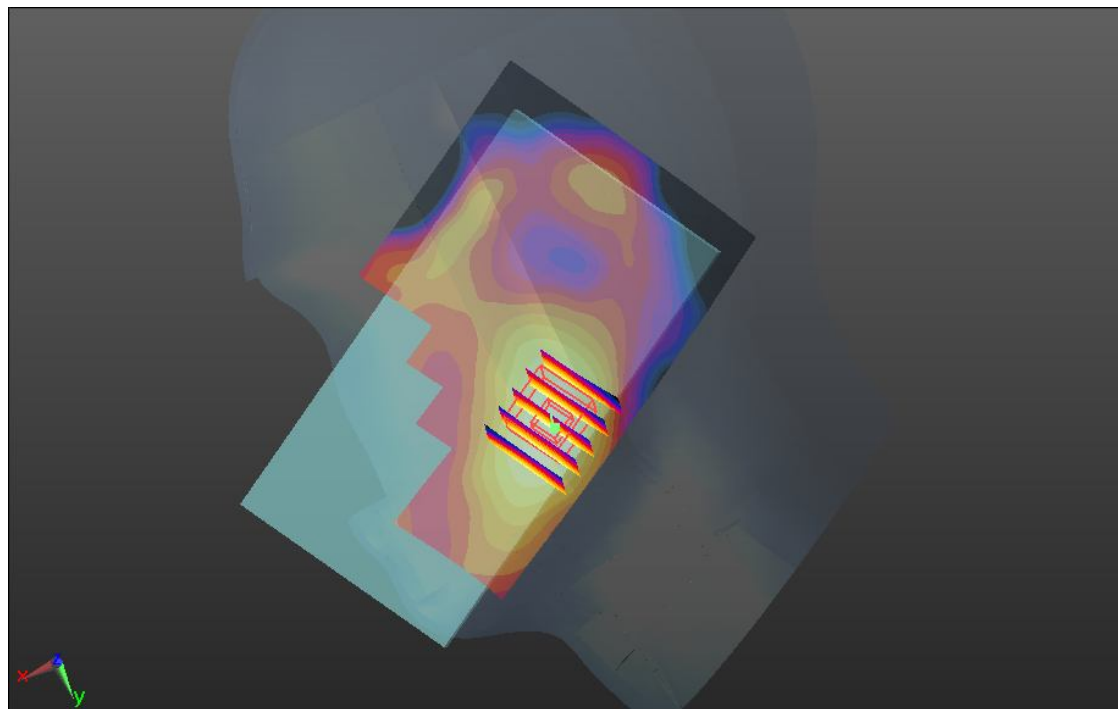
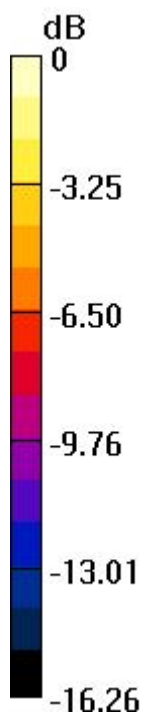
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.042 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.141 mW/g

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.060 mW/g

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



0 dB = 0.121 W/kg

#186 GSM1900_GSM Voice_Right Cheek_Ch512_#4

DUT: MT1-U06

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_130307 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.365$ mho/m; $\epsilon_r =$ 41.266; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

Ch512/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.129 W/kg

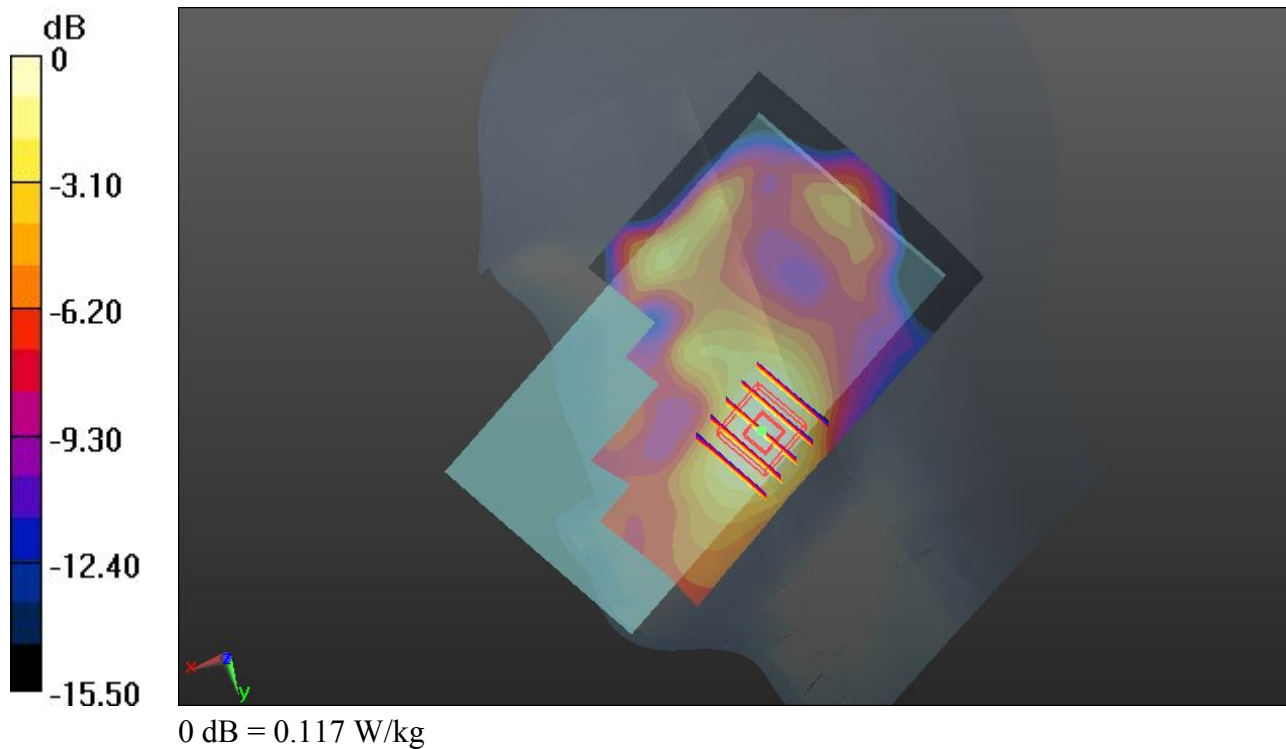
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.867 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.137 mW/g

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.060 mW/g

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



#91 WCDMA V_RMC12.2K_Left Cheek_Ch4132_#2**DUT: MT1-U06**

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

Medium: HSL_835_130221 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 40.716$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.269 W/kg

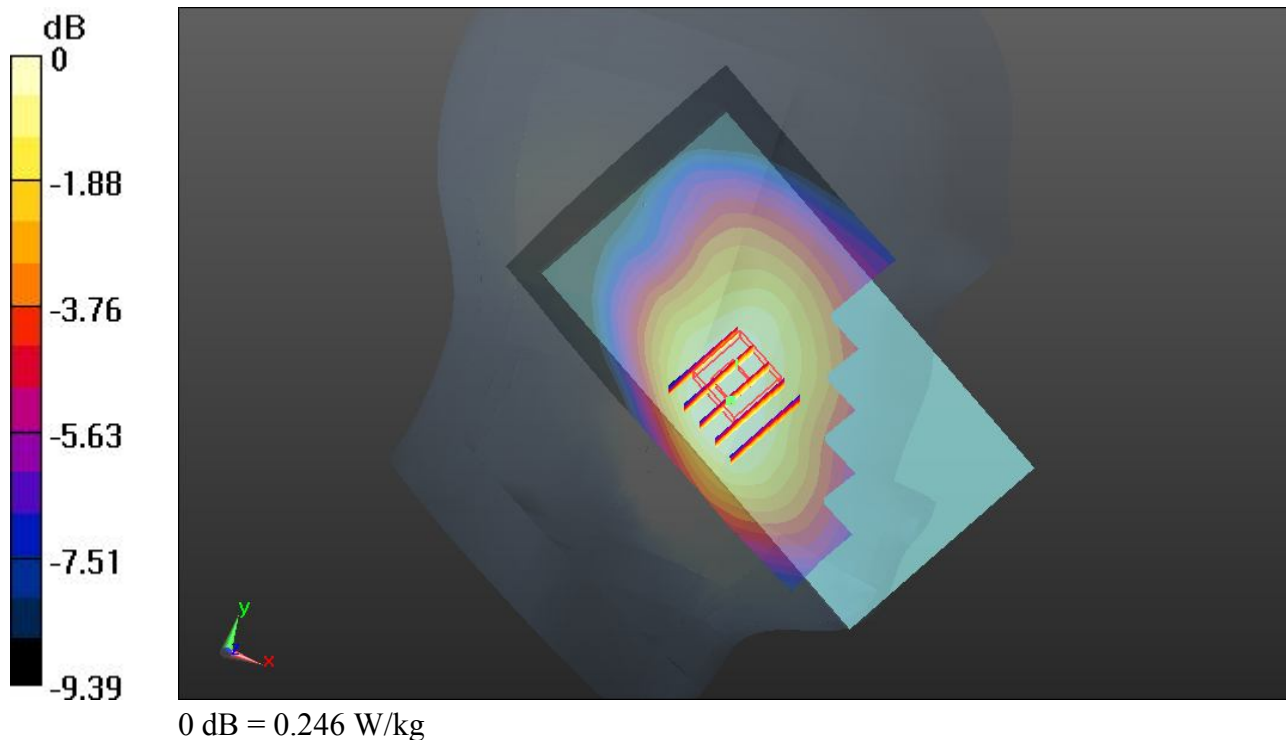
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.416 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.272 mW/g

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.168 mW/g

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



#184 WCDMA V_RMC12.2K_Left Cheek_Ch4132_#4

DUT: MT1-U06

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

Medium: HSL_835_130307 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 42.044$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.286 W/kg

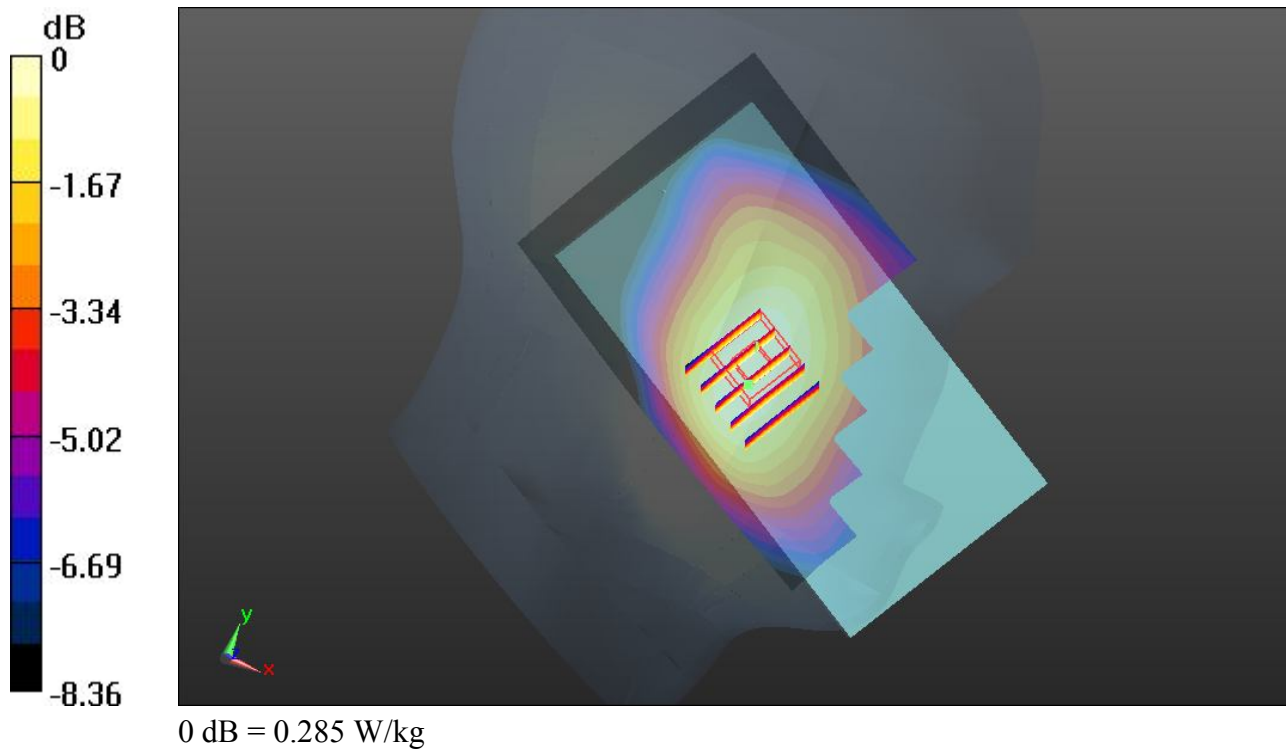
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.245 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.309 mW/g

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.285 W/kg



#96 WCDMA IV_RMC12.2K_Right Cheek_Ch1312_#2**DUT: MT1-U06**

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

Medium: HSL_1800_130223 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.364$ mho/m; $\epsilon_r =$

41.938; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.251 W/kg

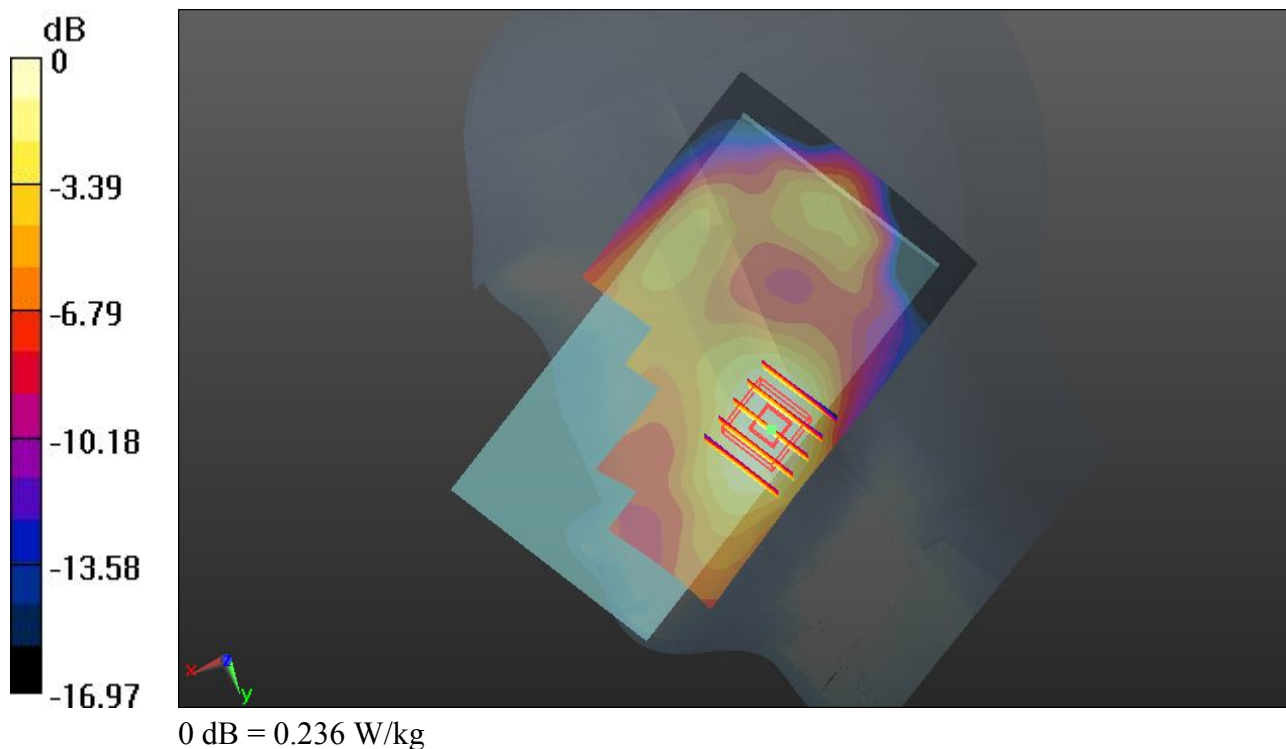
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.946 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.269 mW/g

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.128 mW/g

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



#190 WCDMA IV_RMC12.2K_Right Cheek_Ch1312_#4**DUT: MT1-U06**

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

Medium: HSL_1800_130307 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.335$ mho/m; $\epsilon_r =$

41.565; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.2, 8.2, 8.2); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.273 W/kg

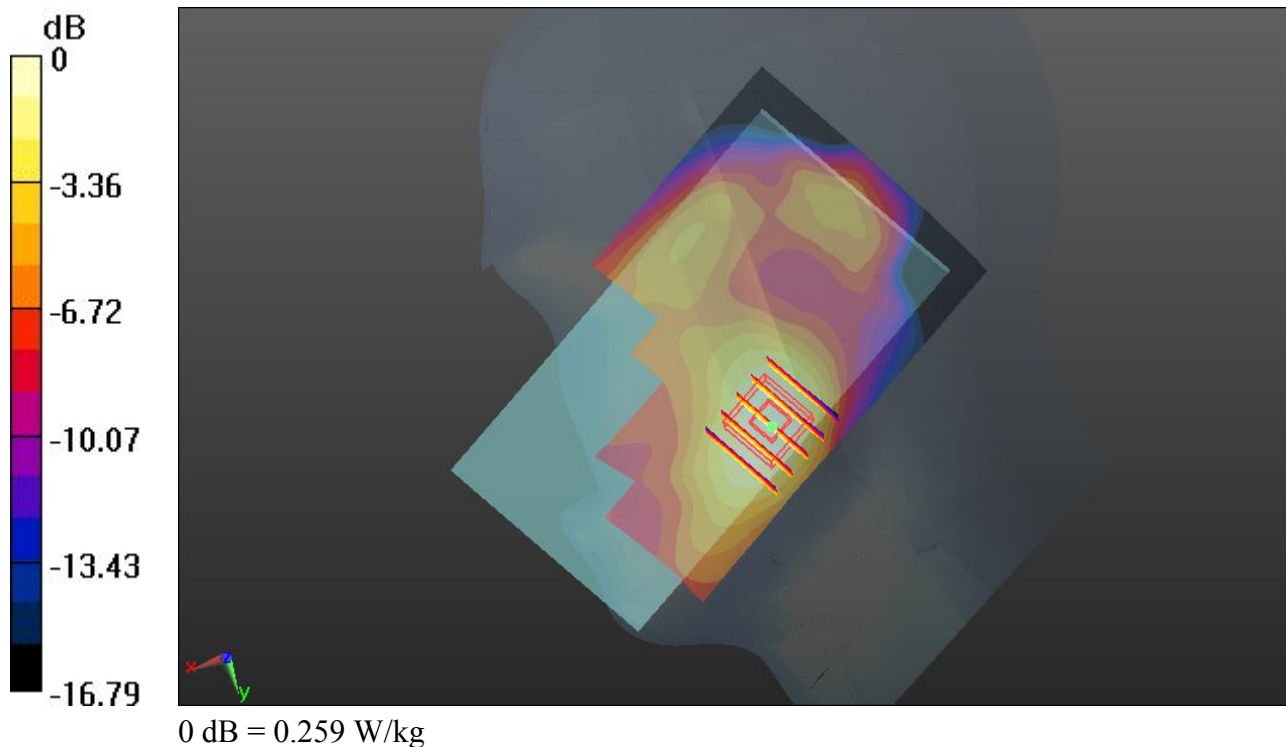
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.731 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.298 mW/g

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.259 W/kg



#10 WCDMA II_RMC 12.2K_Right Cheek_Ch9262_#2**DUT: MT1-U06**

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

Medium: HSL_1900_130206 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.371$ mho/m; $\epsilon_r =$

40.687 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (71x131x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.195 W/kg

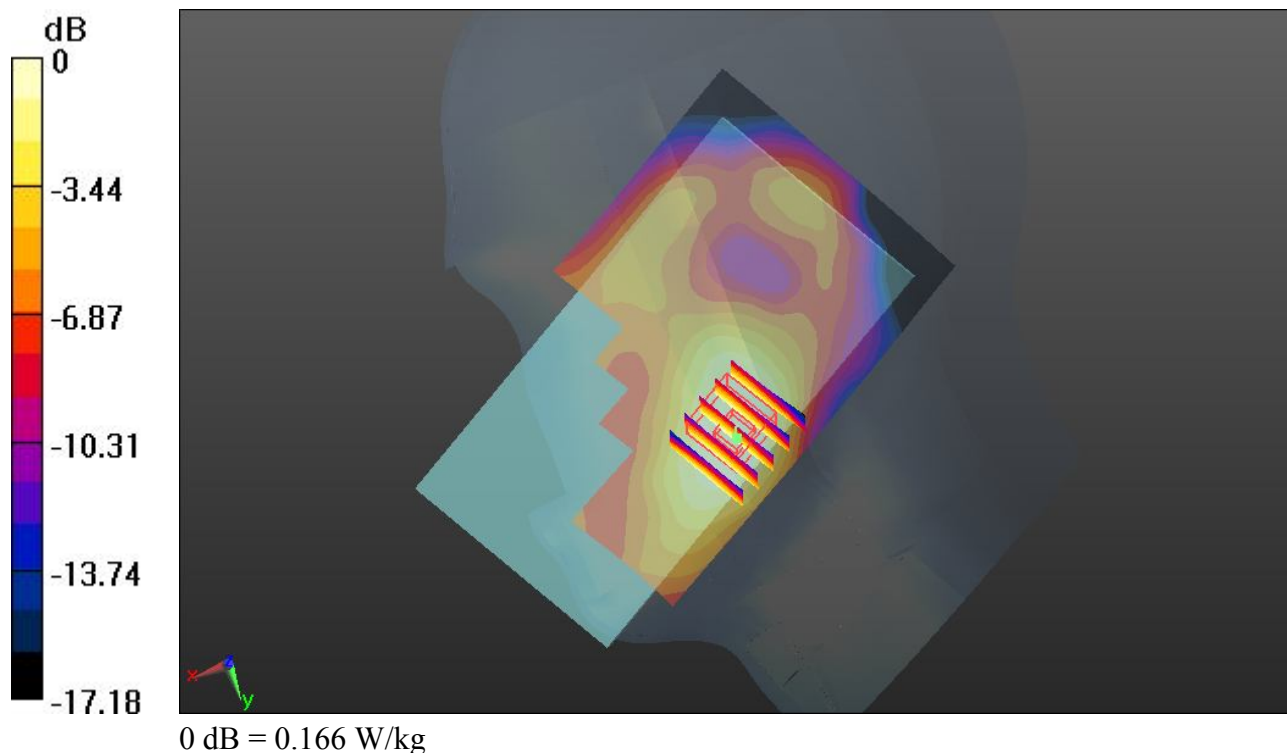
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.547 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.195 mW/g

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.166 W/kg



#188 WCDMA II_RMC 12.2K_Right Cheek_Ch9262_#4**DUT: MT1-U06**

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

Medium: HSL_1900_130307 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.368$ mho/m; $\epsilon_r =$

41.253; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

Ch9262/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

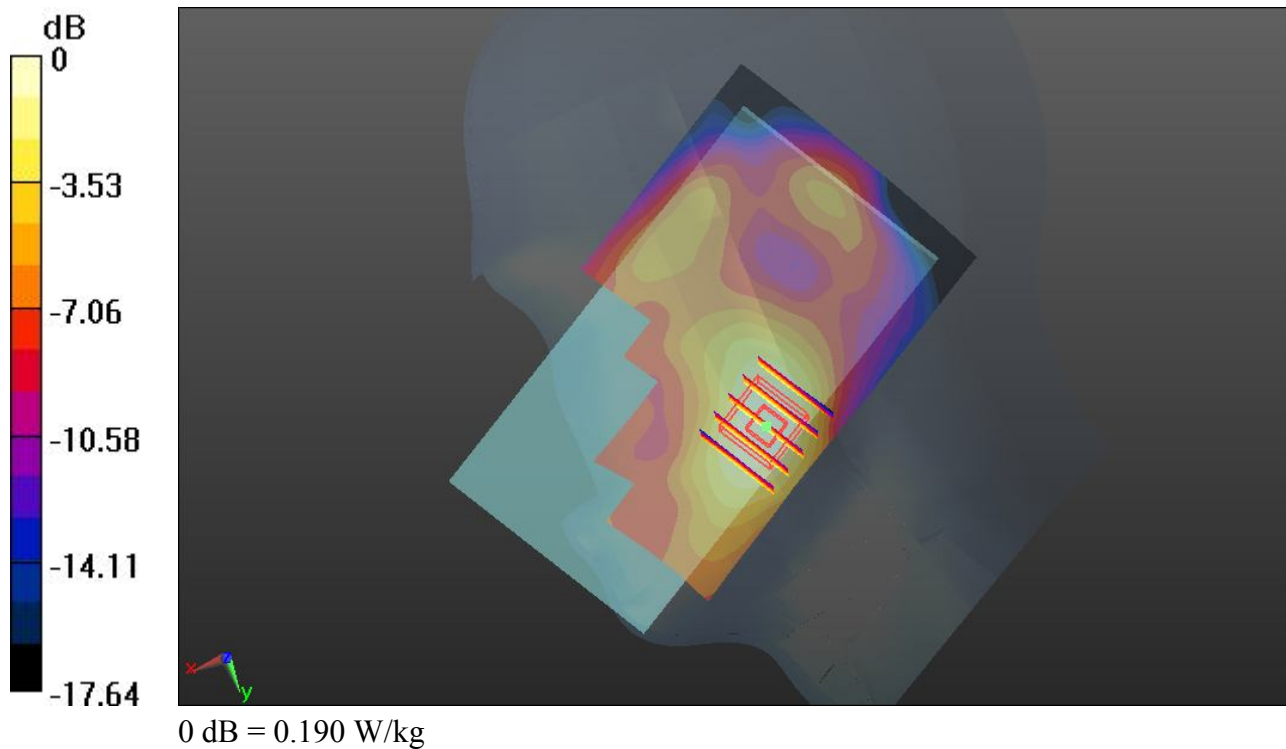
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.708 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.222 mW/g

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.190 W/kg



#107 WLAN 2.4GHz Band_802.11b_Left Cheek_Ch6_#2**DUT: MT1-U06**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.55

Medium: HSL_2450_130305 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.842$ mho/m; $\epsilon_r = 37.736$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (91x161x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0566 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.630 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.078 mW/g

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.0593 W/kg

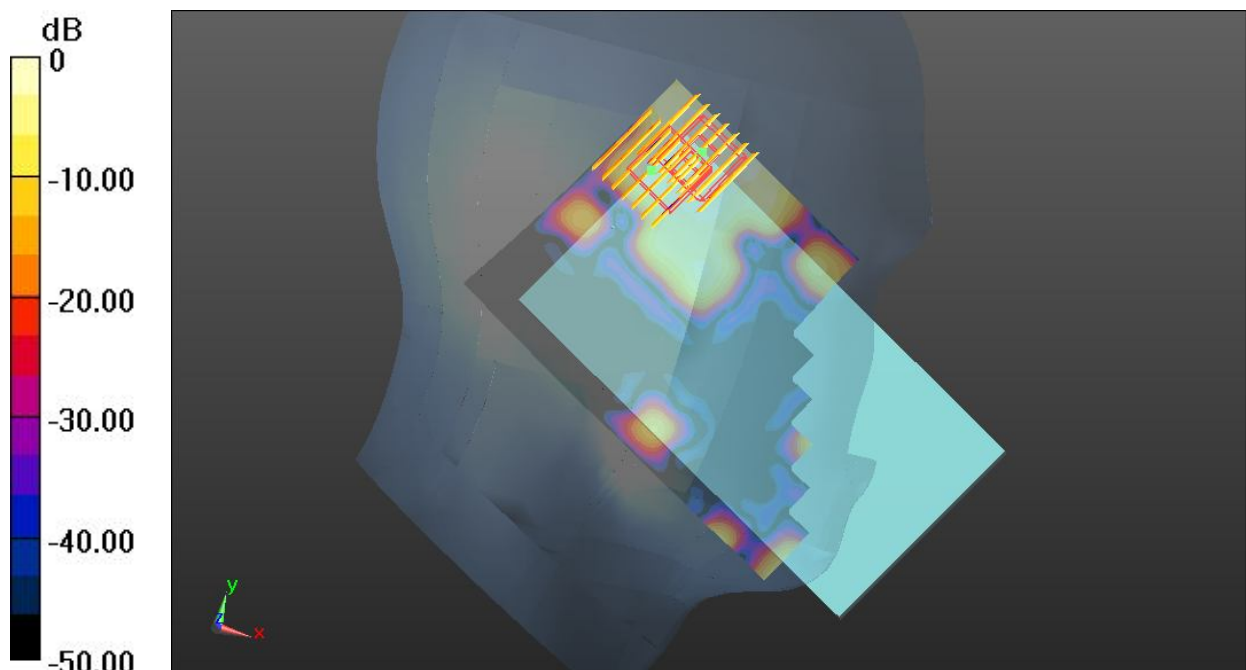
Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.630 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.079 mW/g

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

Maximum value of SAR (measured) = 0.0570 W/kg



0 dB = 0.0570 W/kg

#192 WLAN 2.4GHz Band_802.11b_Left Cheek_Ch6_#4**DUT: MT1-U06**

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.55

Medium: HSL_2450_130308 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.795$ mho/m; $\epsilon_r = 37.678$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

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

Ch6/Area Scan (91x161x1): Interpolated grid: dx=12mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0593 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.940 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.088 mW/g

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.0062 mW/g

Maximum value of SAR (measured) = 0.0425 W/kg

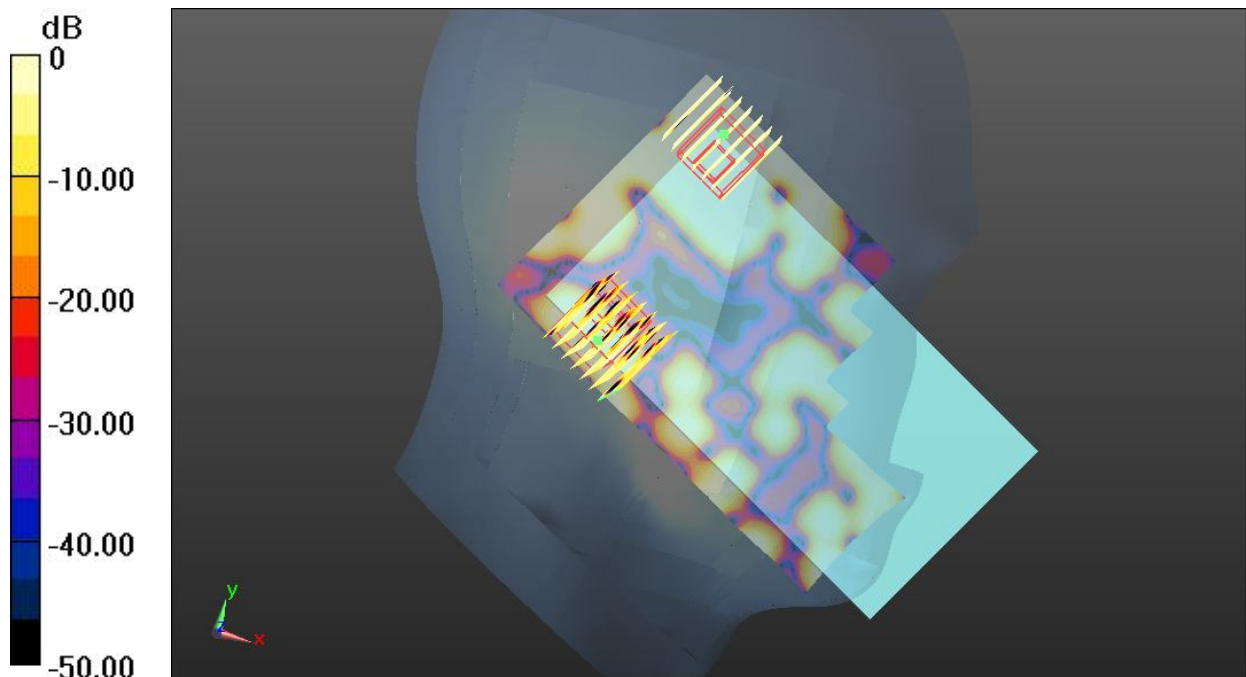
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.940 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.00433 mW/g

SAR(1 g) = 5.78e-005 mW/g; SAR(10 g) = 5.9e-006 mW/g

Maximum value of SAR (measured) = 0.00343 W/kg



0 dB = 0.00343 W/kg

#136_WLAN 5.2GHz Band_802.11a_Left Cheek_Ch36_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130307 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.784$ mho/m; $\epsilon_r = 35.526$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Ch36/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0971 W/kg

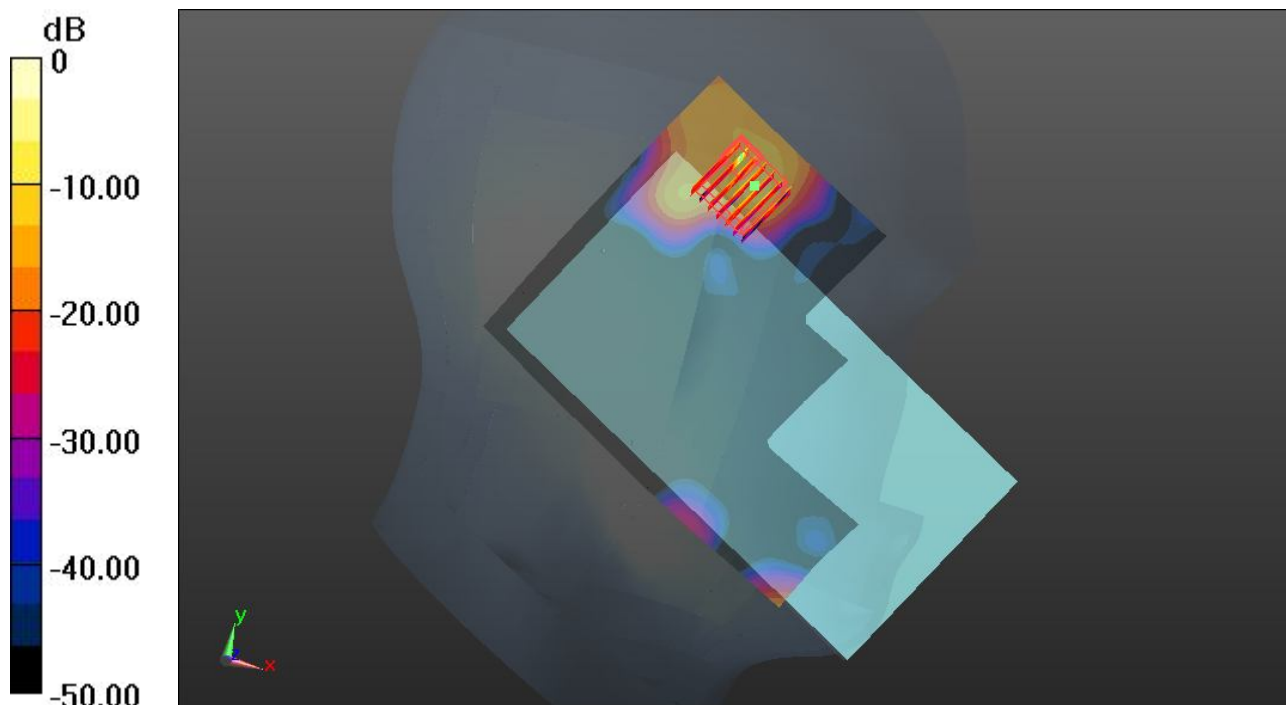
Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.628 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.550 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00309 mW/g

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



0 dB = 0.550 W/kg

#194_WLAN 5.2GHz Band_802.11a_Left Cheek_Ch36_#4

DUT: MT1-U06

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130308 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.768$ mho/m; $\epsilon_r = 35.46$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

Ch36/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

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

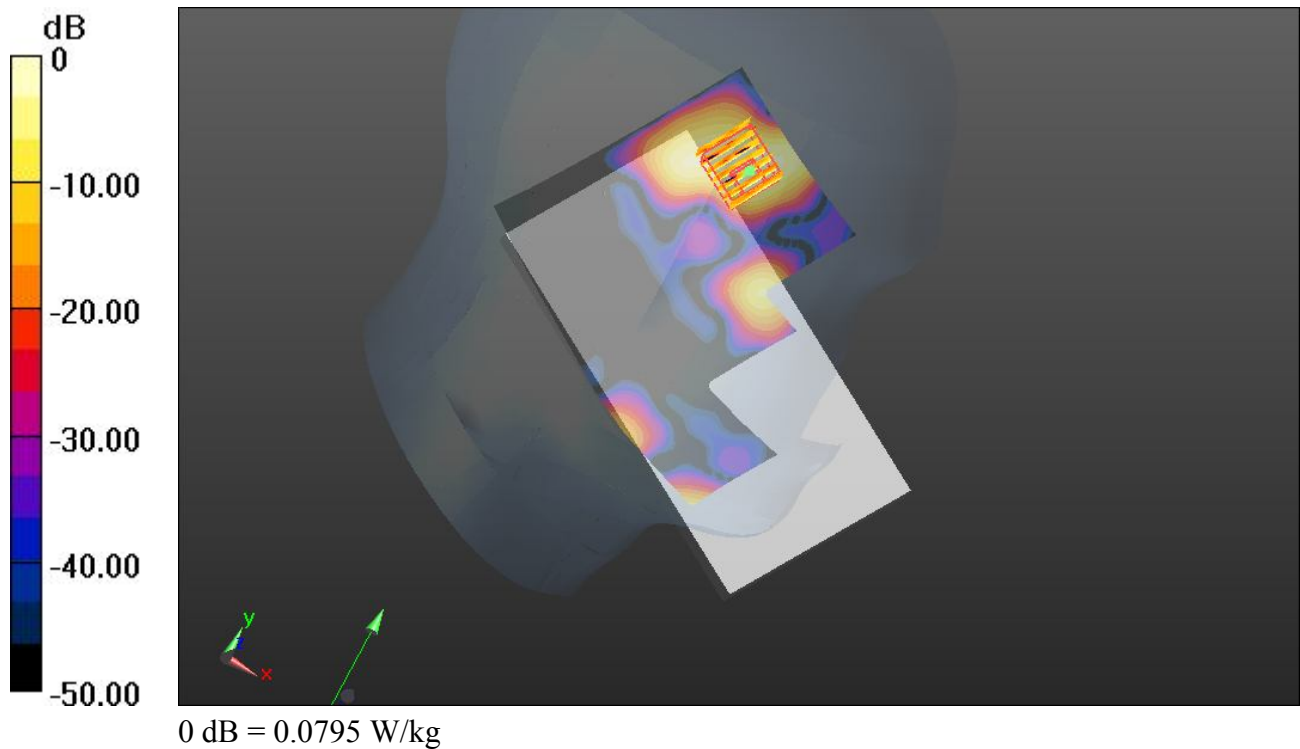
Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.445 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.244 mW/g

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00998 mW/g

Maximum value of SAR (measured) = 0.0795 W/kg



#141_WLAN 5.3GHz Band_802.11a_Left Cheek_Ch60_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5300 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130307 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.911$ mho/m; $\epsilon_r = 35.352$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0512 W/kg

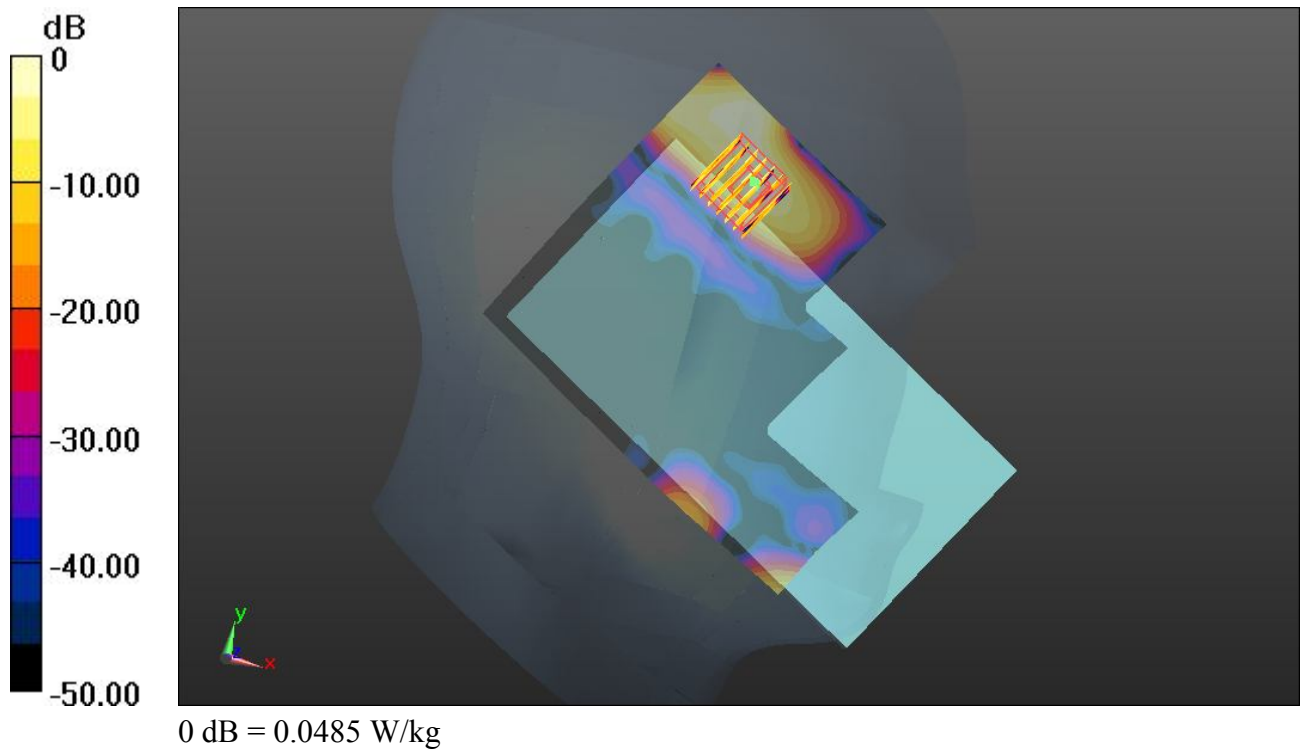
Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.186 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.239 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0026 mW/g

Maximum value of SAR (measured) = 0.0485 W/kg



#196_WLAN 5.3GHz Band_802.11a_Left Cheek_Ch60_#4

DUT: MT1-U06

Communication System: WIFI; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL_5G_130308 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.894$ mho/m; $\epsilon_r = 35.28$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.85, 4.85, 4.85); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0653 W/kg

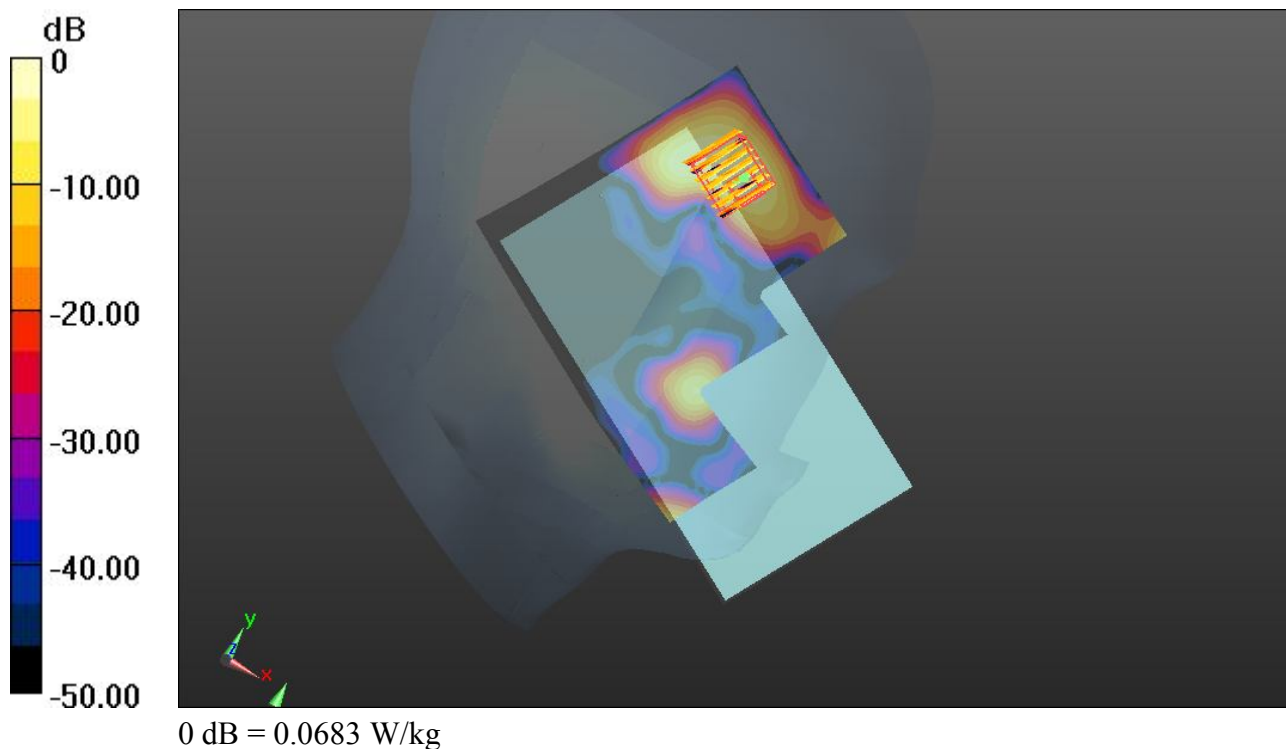
Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.247 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.419 mW/g

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.00883 mW/g

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



#146_WLAN 5.5GHz Band_802.11a_Left Cheek_Ch136_#2**DUT: MT1-U06**

Communication System: WIFI; Frequency: 5680 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130307 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 34.593$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0308 W/kg

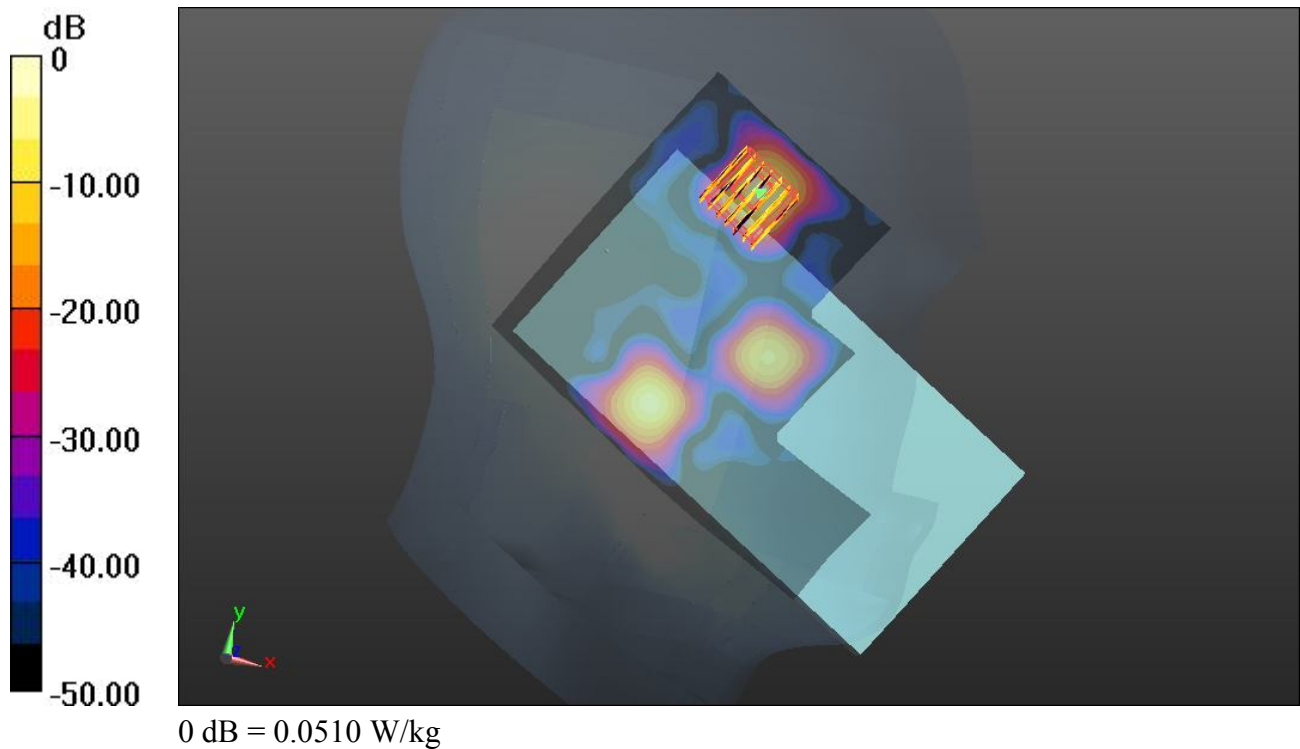
Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.485 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.198 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00572 mW/g

Maximum value of SAR (measured) = 0.0510 W/kg



#198_WLAN 5.5GHz Band_802.11a_Left Cheek_Ch136_#4**DUT: MT1-U06**

Communication System: WIFI; Frequency: 5680 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130308 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.282$ mho/m; $\epsilon_r = 34.554$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.34, 4.34, 4.34); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0469 W/kg

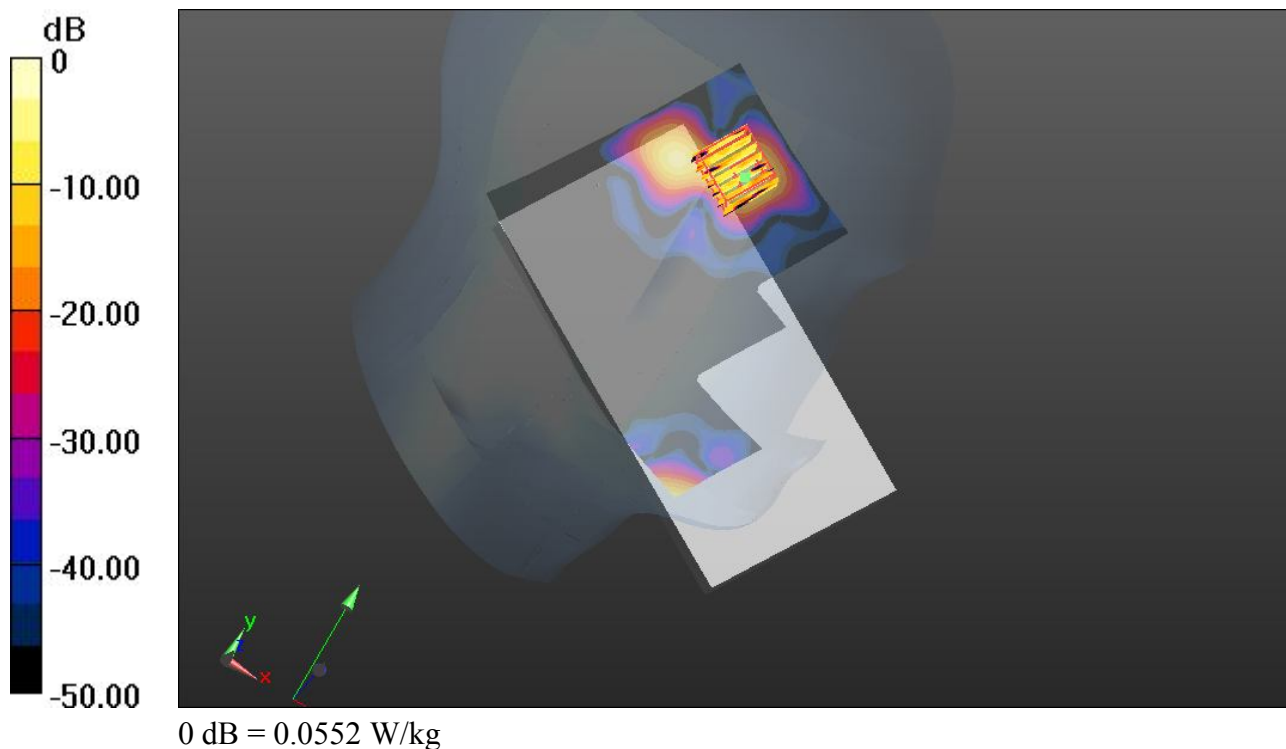
Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.618 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.326 mW/g

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00874 mW/g

Maximum value of SAR (measured) = 0.0552 W/kg



#151_WLAN 5.8GHz Band_802.11a_Left Cheek_Ch149_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130307 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.371$ mho/m; $\epsilon_r = 34.519$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Ch149/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0466 W/kg

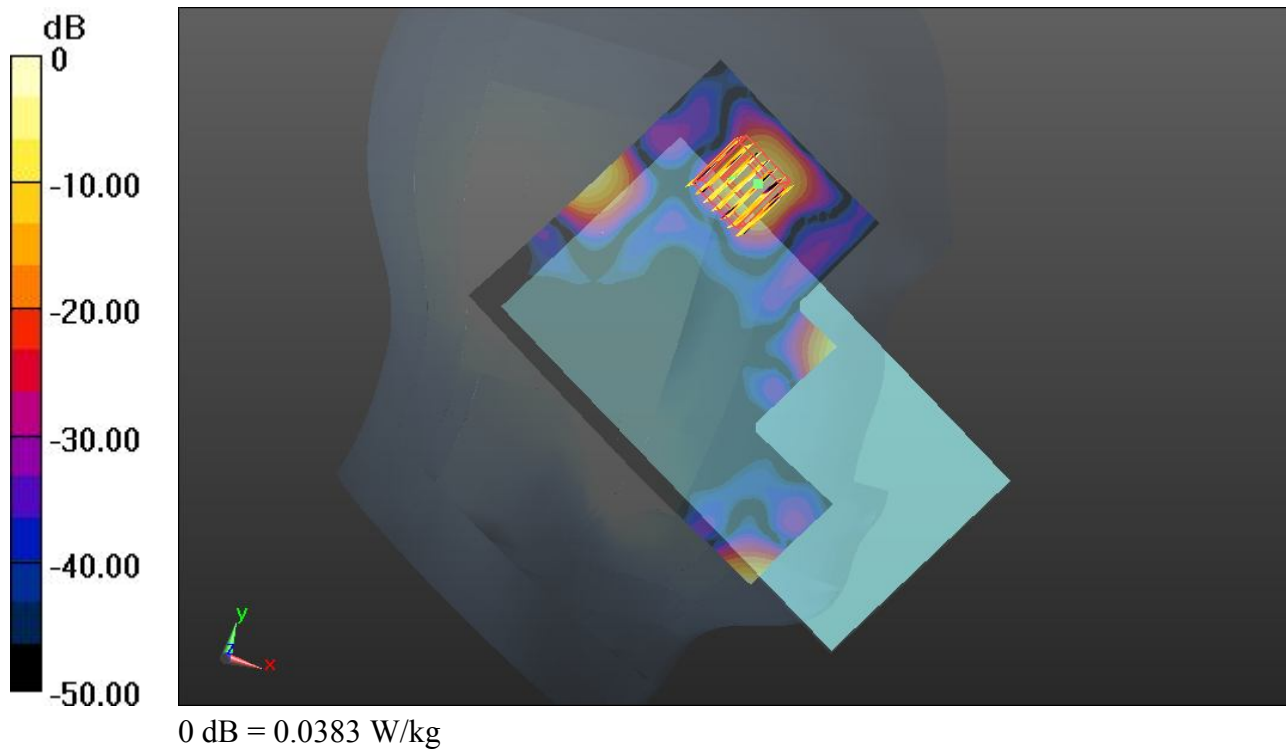
Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.359 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.213 mW/g

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00506 mW/g

Maximum value of SAR (measured) = 0.0383 W/kg



#200_WLAN 5.8GHz Band_802.11a_Left Cheek_Ch149_#4**DUT: MT1-U06**

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.36

Medium: HSL_5G_130308 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.358$ mho/m; $\epsilon_r = 34.491$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

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

Ch149/Area Scan (121x181x1): Interpolated grid: dx=10mm, dy=10mm

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

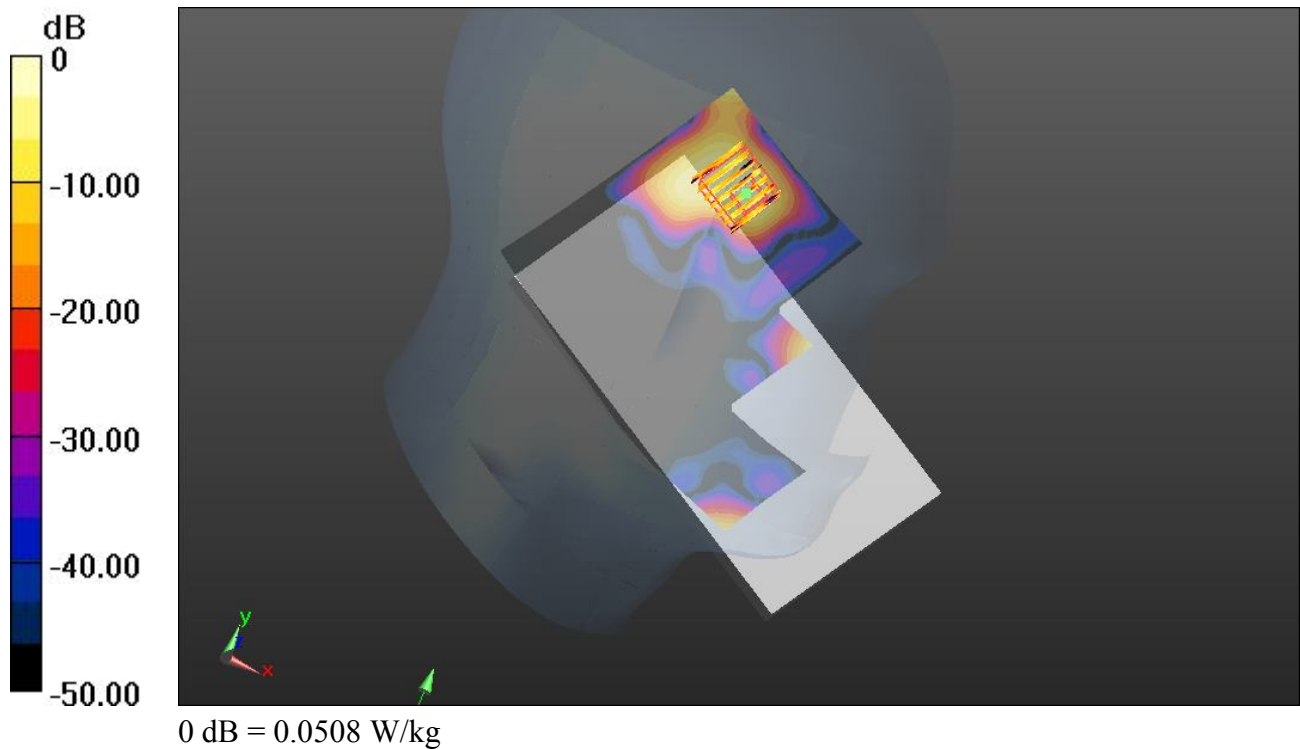
Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.899 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.227 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00667 mW/g

Maximum value of SAR (measured) = 0.0508 W/kg



#21 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch190_#2

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_130207 Medium parameters used: $f = 837$ MHz; $\sigma = 0.978$ mho/m; $\epsilon_r = 54.343$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch190/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.897 W/kg

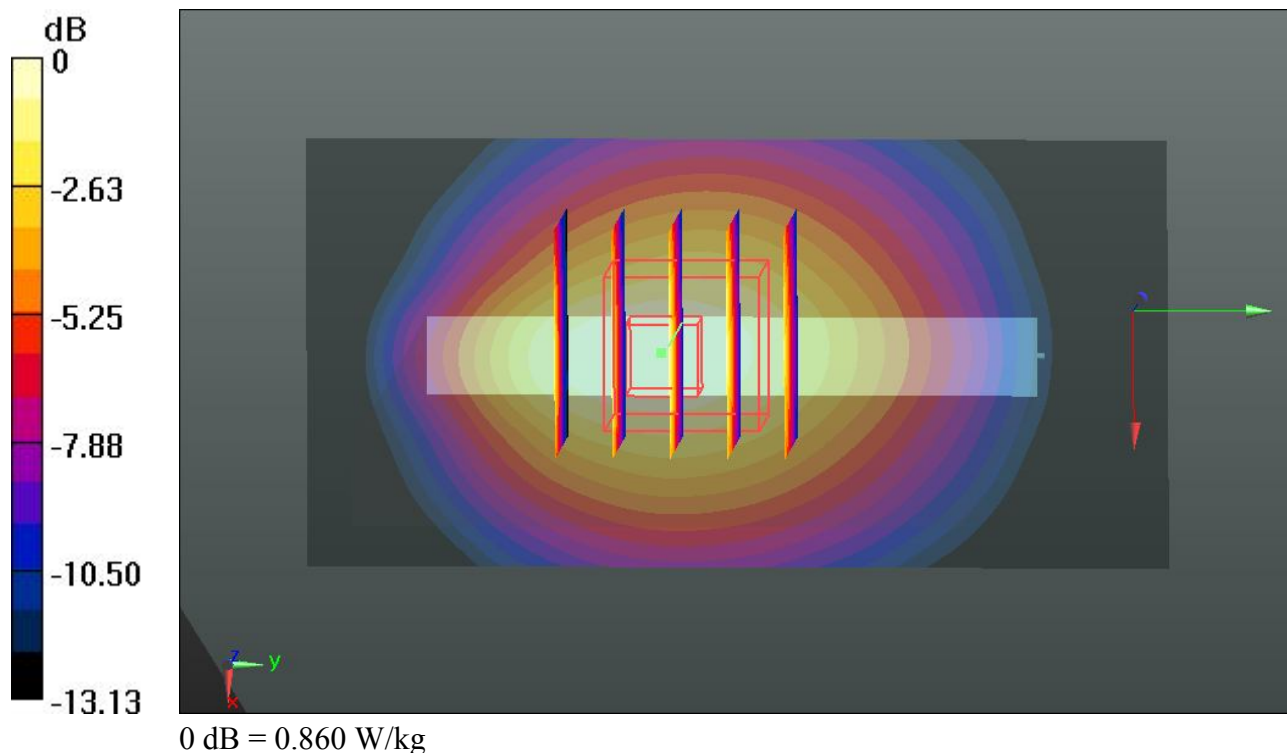
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.544 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.055 mW/g

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.413 mW/g

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



#22 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch128_#2

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_835_130207 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.966$ mho/m; $\epsilon_r =$ 54.437; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.787 W/kg

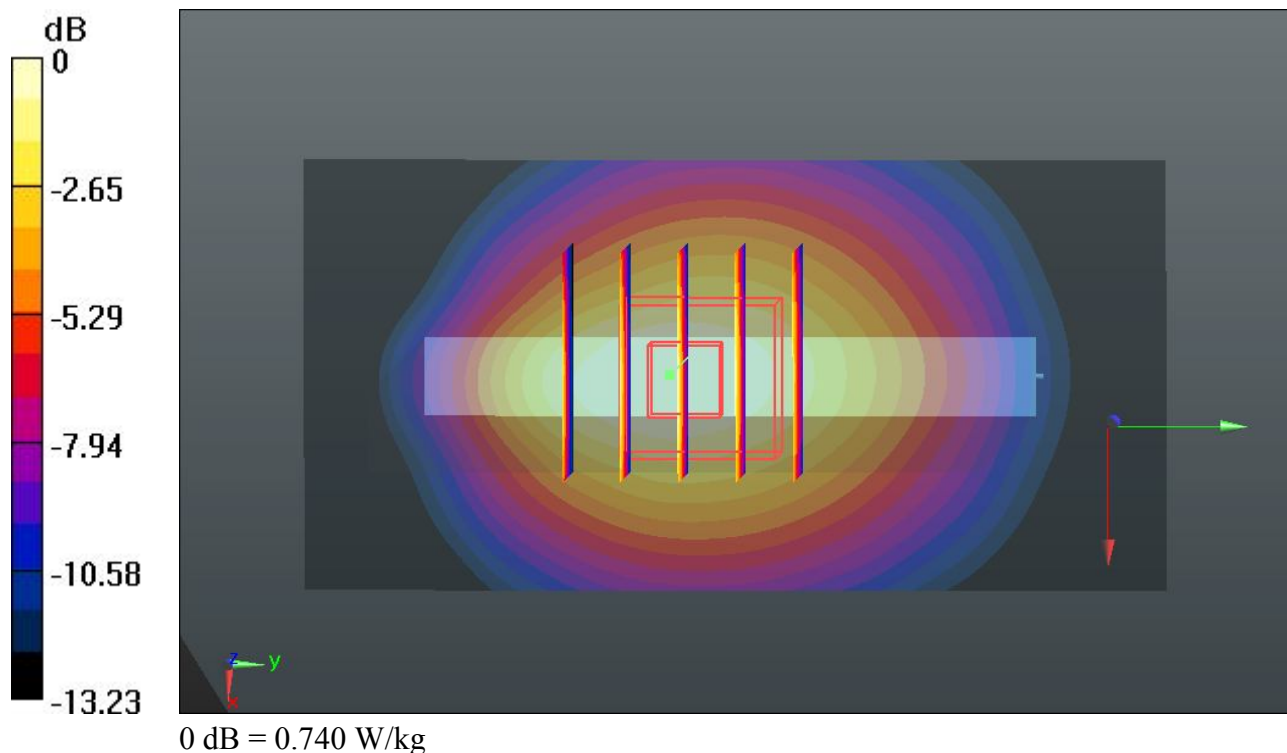
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.634 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.903 mW/g

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.740 W/kg



#23 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch251_#2

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_835_130207 Medium parameters used: $f = 849$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 54.239$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.983 W/kg

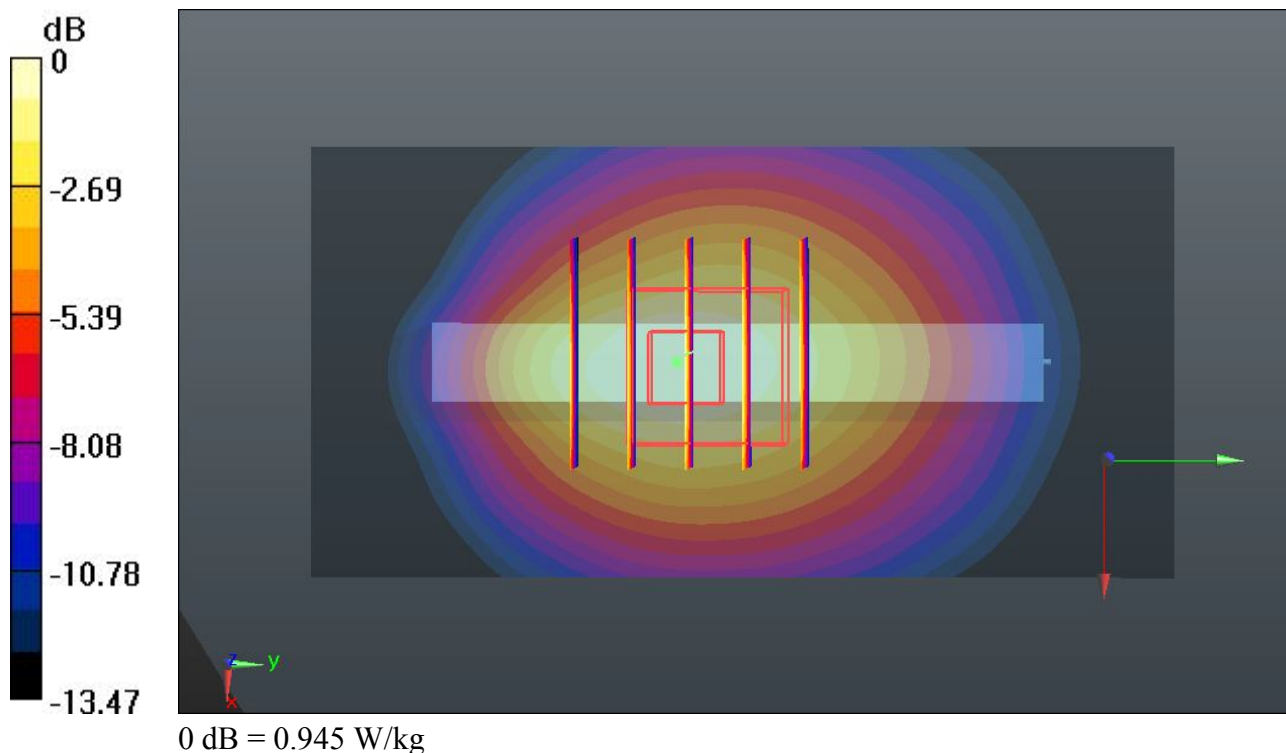
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.761 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.150 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 0.945 W/kg



#178 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch190_#4

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: MSL_835_130307 Medium parameters used: $f = 837$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 54.397$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch190/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

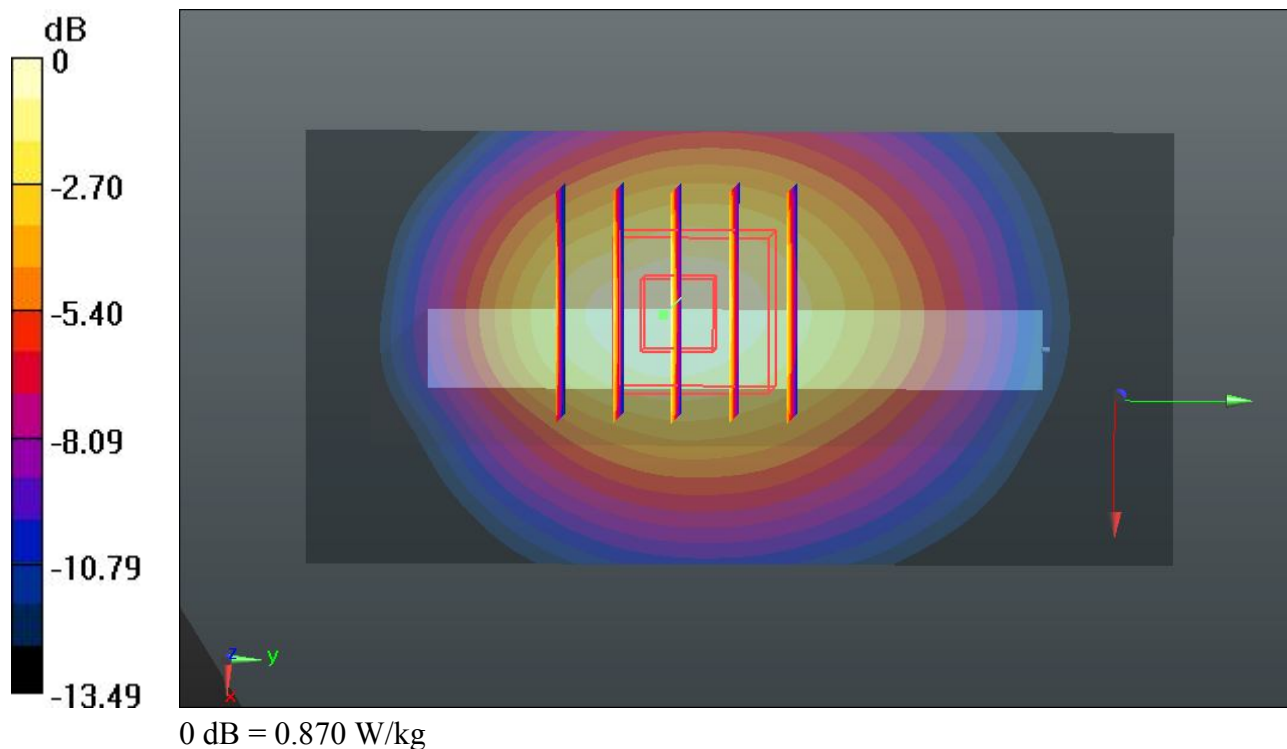
Ch190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.360 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.039 mW/g

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.419 mW/g

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



#179 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch128_#4

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_835_130307 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.967$ mho/m; $\epsilon_r =$ 54.492; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.709 W/kg

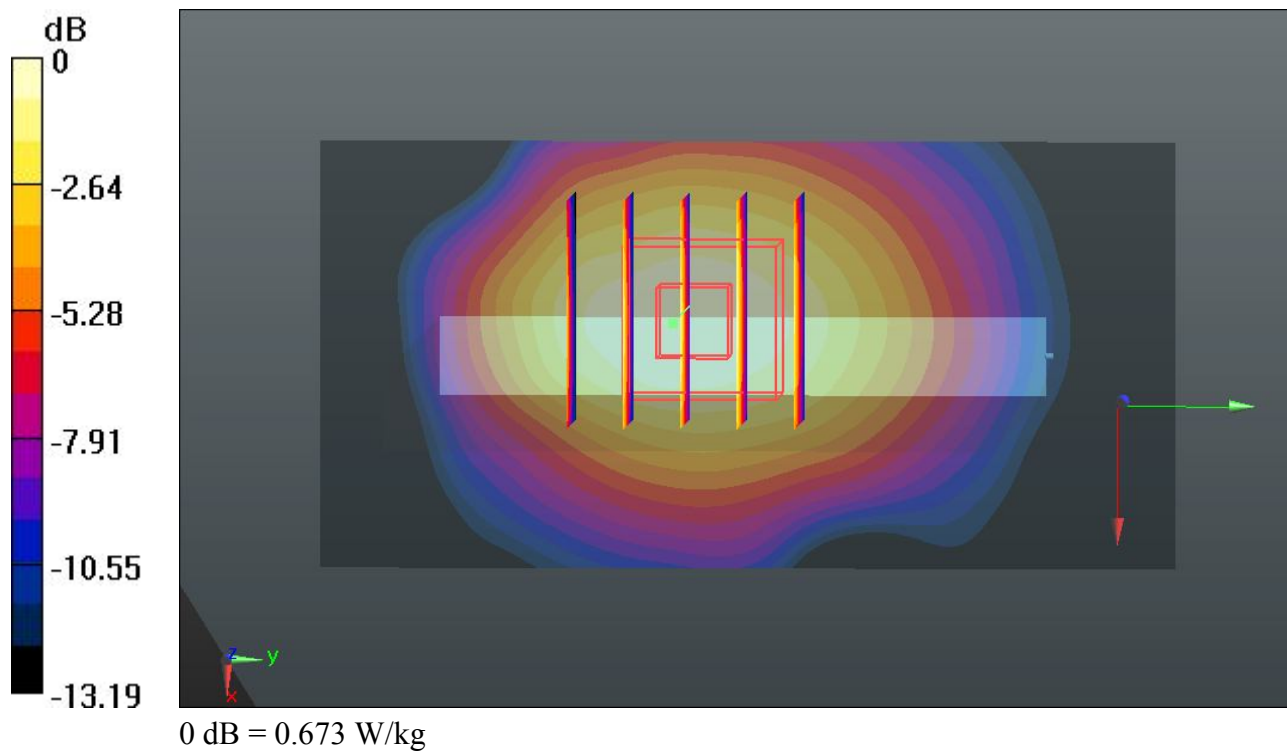
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.872 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.803 mW/g

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.673 W/kg



#180 GSM850_GPRS (2 Tx slots)_Bottom Side_1cm_Ch251_#4

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_835_130307 Medium parameters used: $f = 849$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 54.291$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

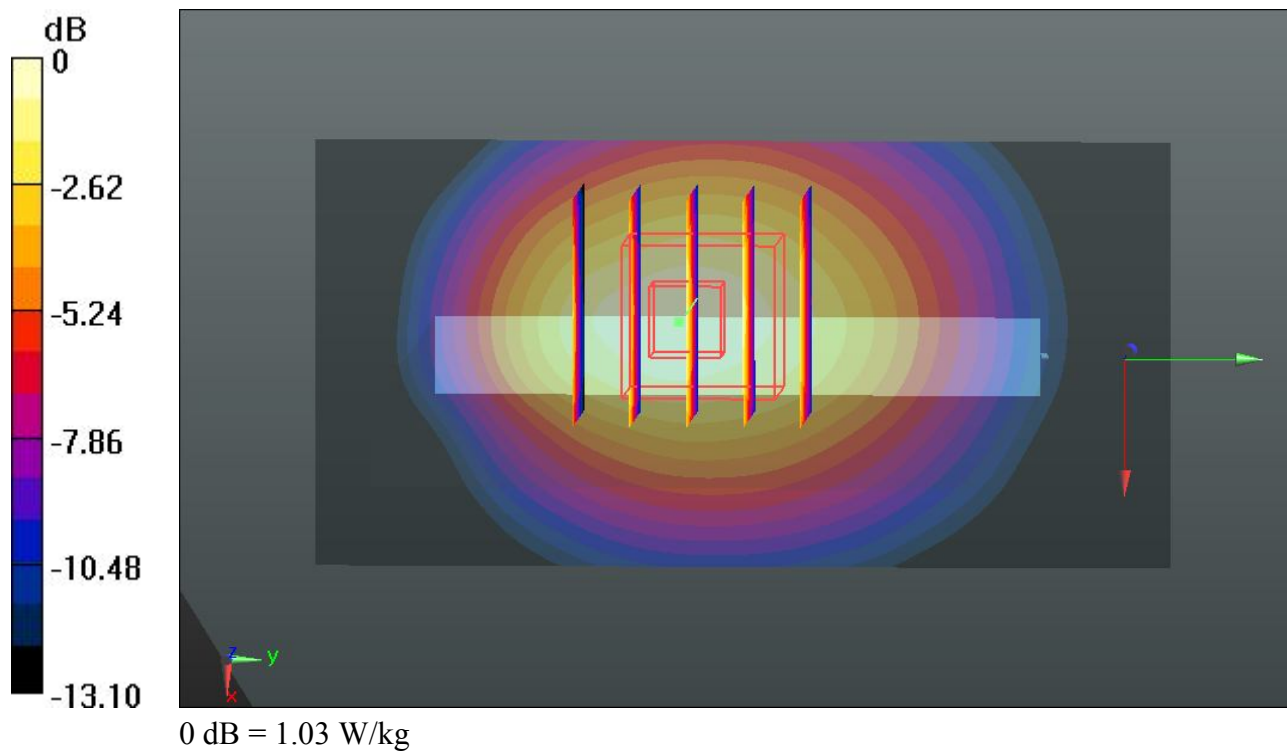
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.166 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.245 mW/g

SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.501 mW/g

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



#42 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch661_#2

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130208 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$ 53.835; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch661/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

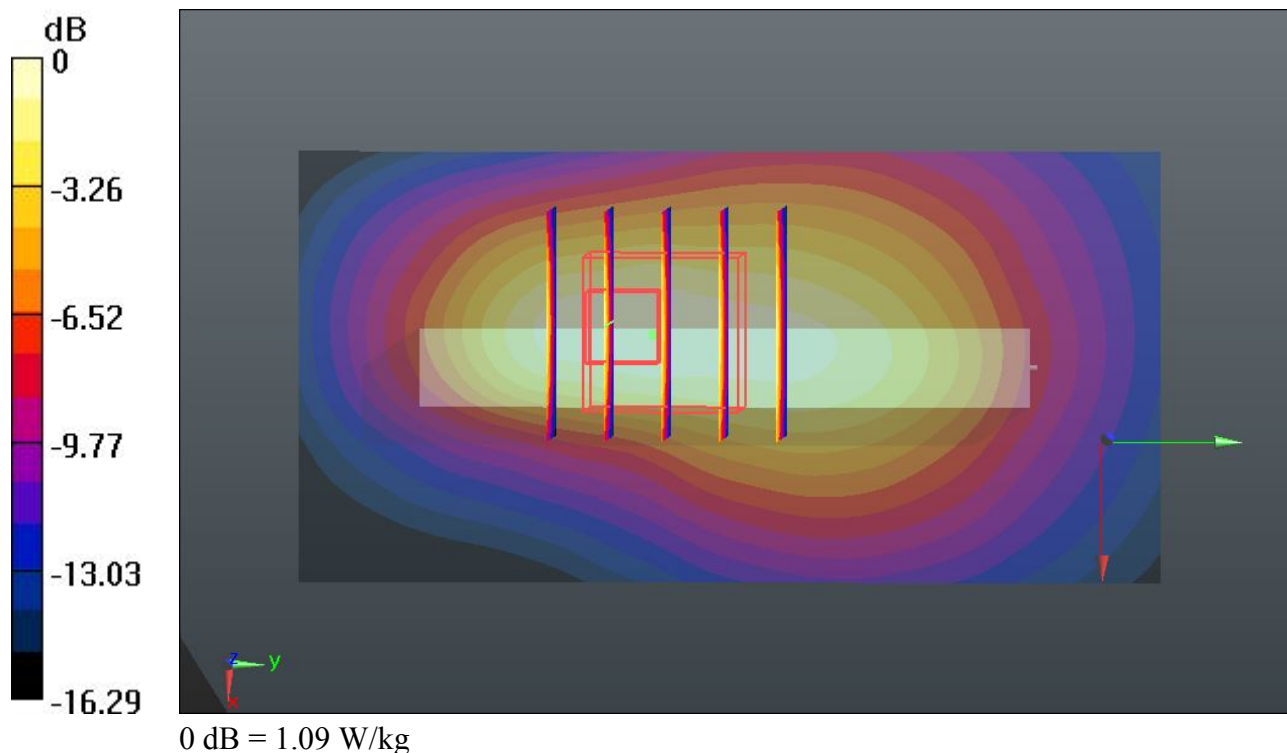
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.328 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.339 mW/g

SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 1.09 W/kg



#43 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch512_#2**DUT: MT1-U06**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130208 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r =$

53.854; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch512/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 W/kg

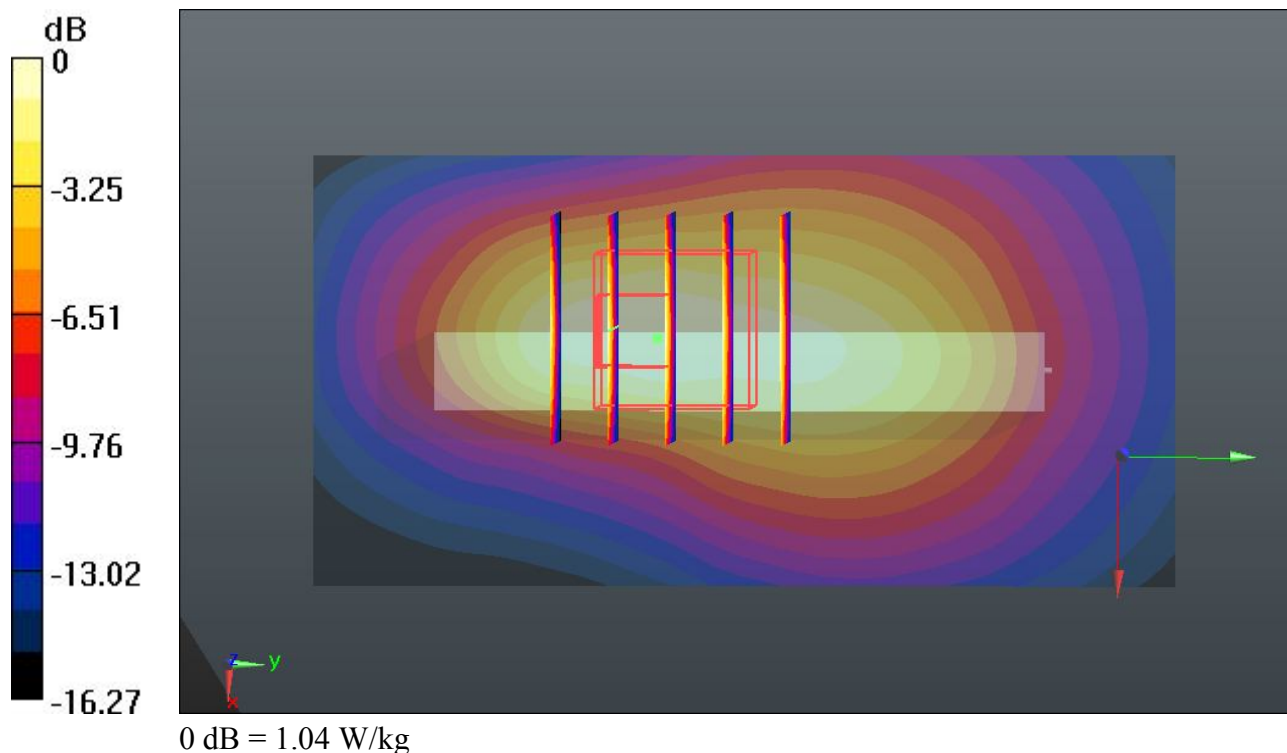
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.218 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.286 mW/g

SAR(1 g) = 0.772 mW/g; SAR(10 g) = 0.432 mW/g

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



#44 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch810_#2

DUT: MT1-U06

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130208 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.511$ mho/m; $\epsilon_r =$ 53.819 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch810/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

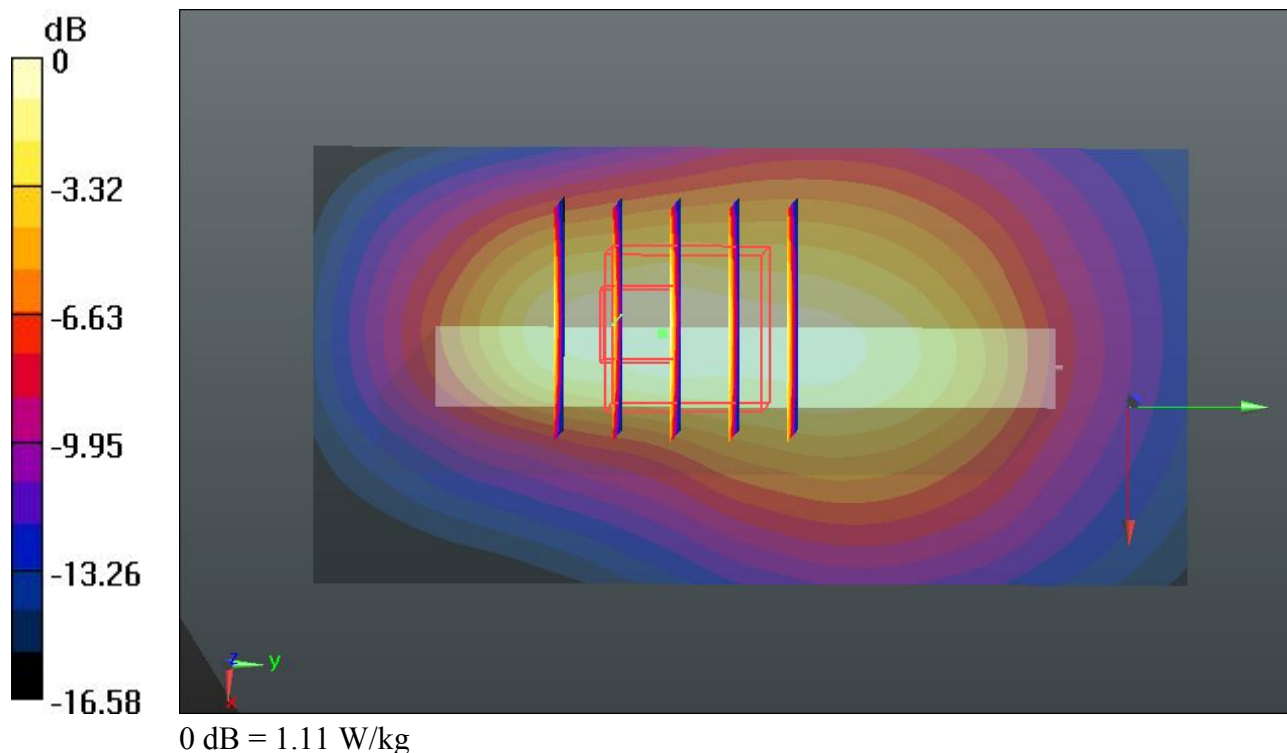
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.412 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.373 mW/g

SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.450 mW/g

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



#158 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch661_#4**DUT: MT1-U06**

Communication System: GPRS/EDGE10; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130307 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r =$

54.512 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (41x81x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

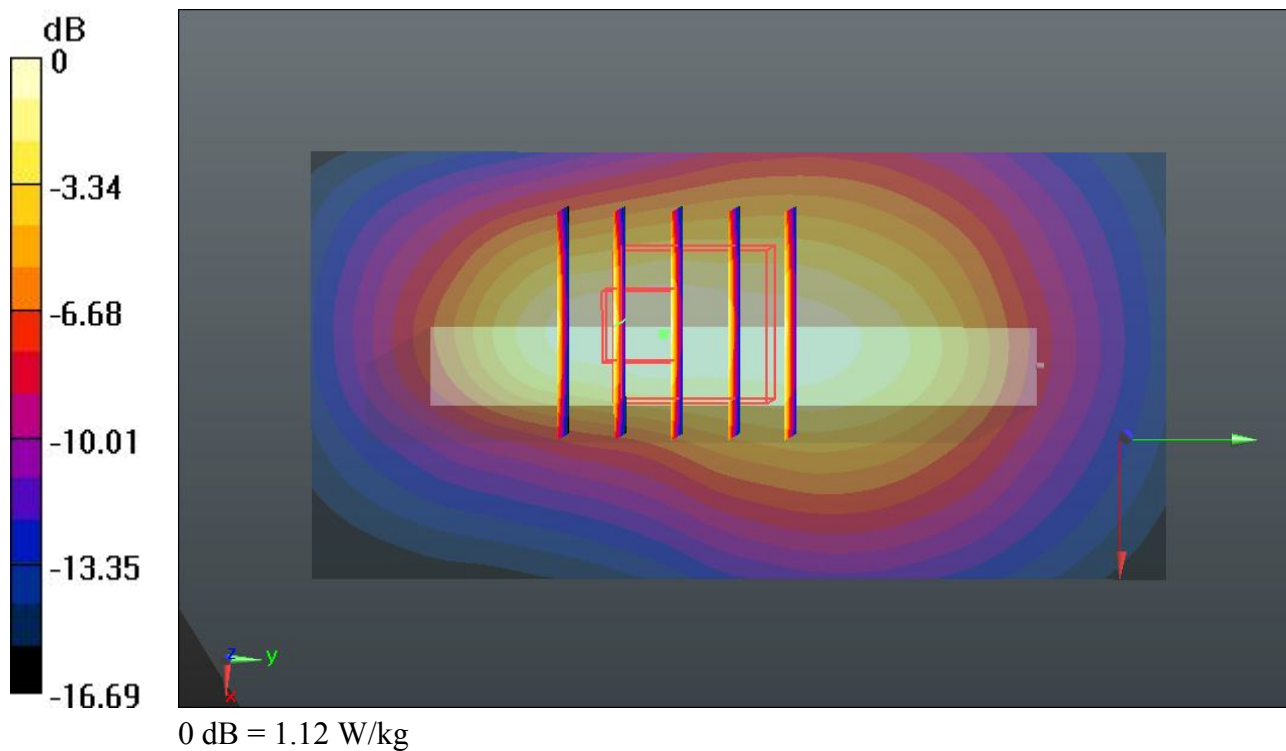
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.559 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.380 mW/g

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.462 mW/g

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



#159 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch512_#4**DUT: MT1-U06**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130307 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$

54.593; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch512/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.09 W/kg

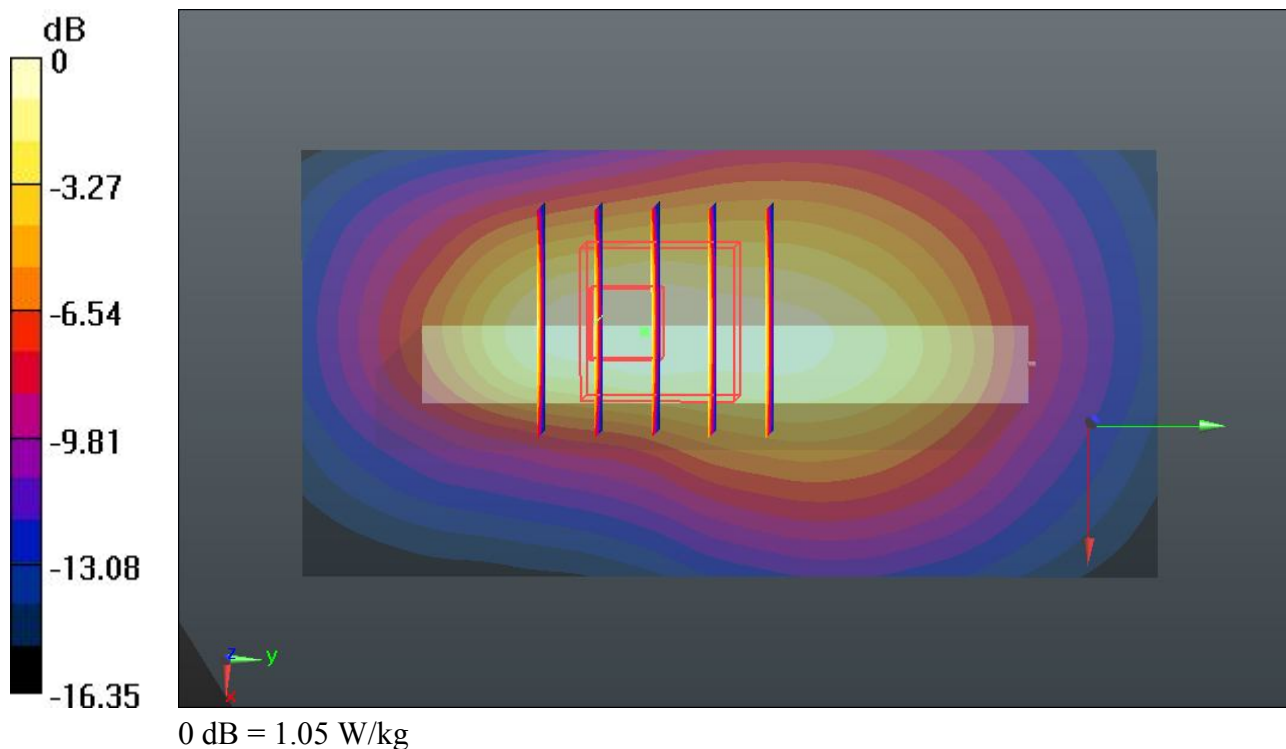
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.108 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.307 mW/g

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.433 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



#160 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch810_#4**DUT: MT1-U06**

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.551$ mho/m; $\epsilon_r =$

54.465; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

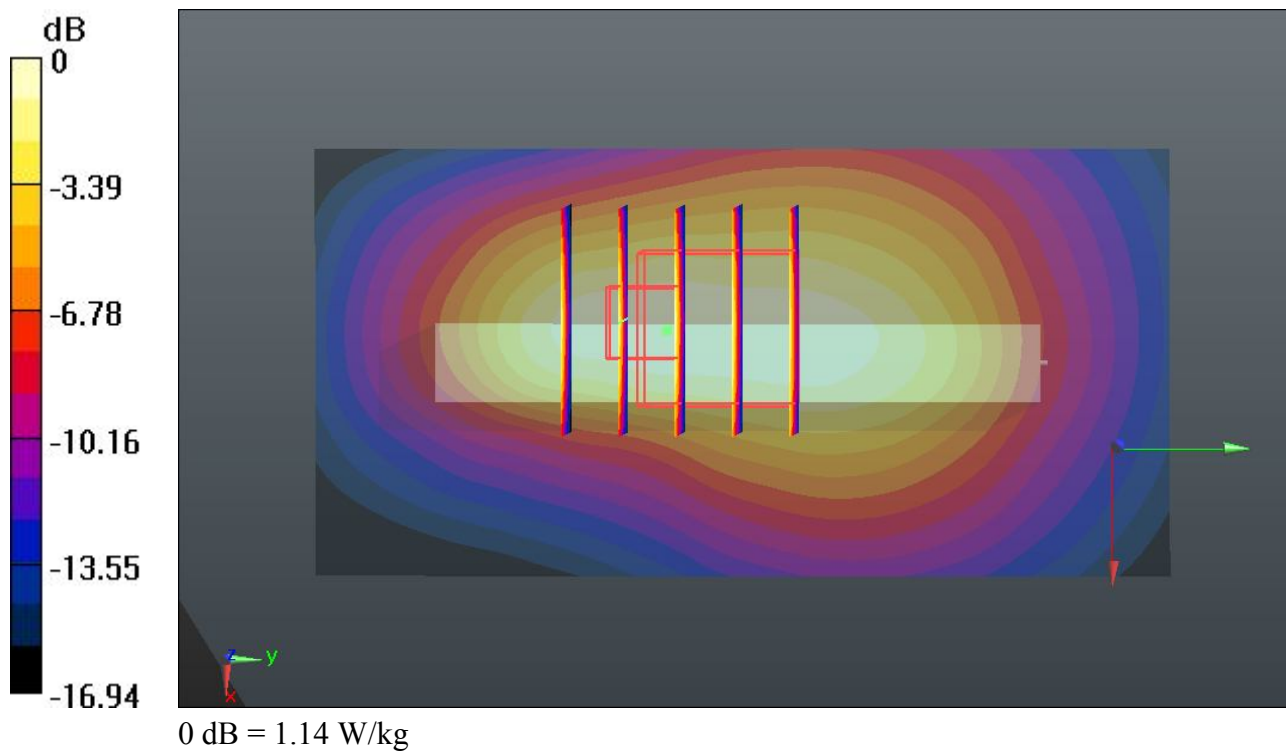
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.383 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.417 mW/g

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.472 mW/g

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



#164 GSM1900_EDGE (2 Tx slots)_Bottom Side_1cm_Ch810_#4_Repeat SAR**DUT: MT1-U06**

Communication System: GPRS/EDGE10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_130307 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.551$ mho/m; $\epsilon_r = 54.465$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch810/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 27.652 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.452 mW/g

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.441 mW/g

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

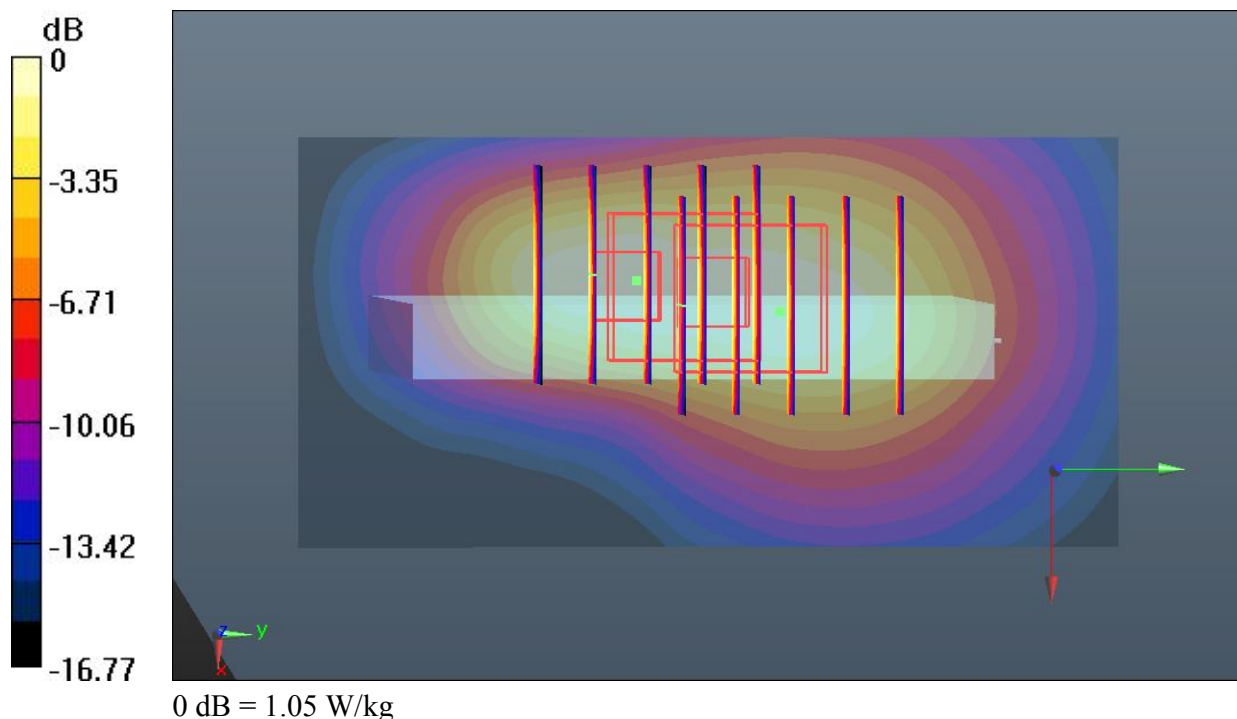
Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.652 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.361 mW/g

SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.447 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



#29 WCDMA V_RMC 12.2K_Bottom Side_1cm_Ch4132_#2

DUT: MT1-U06

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

Medium: MSL_835_130207 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r =$ 54.421; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.654 W/kg

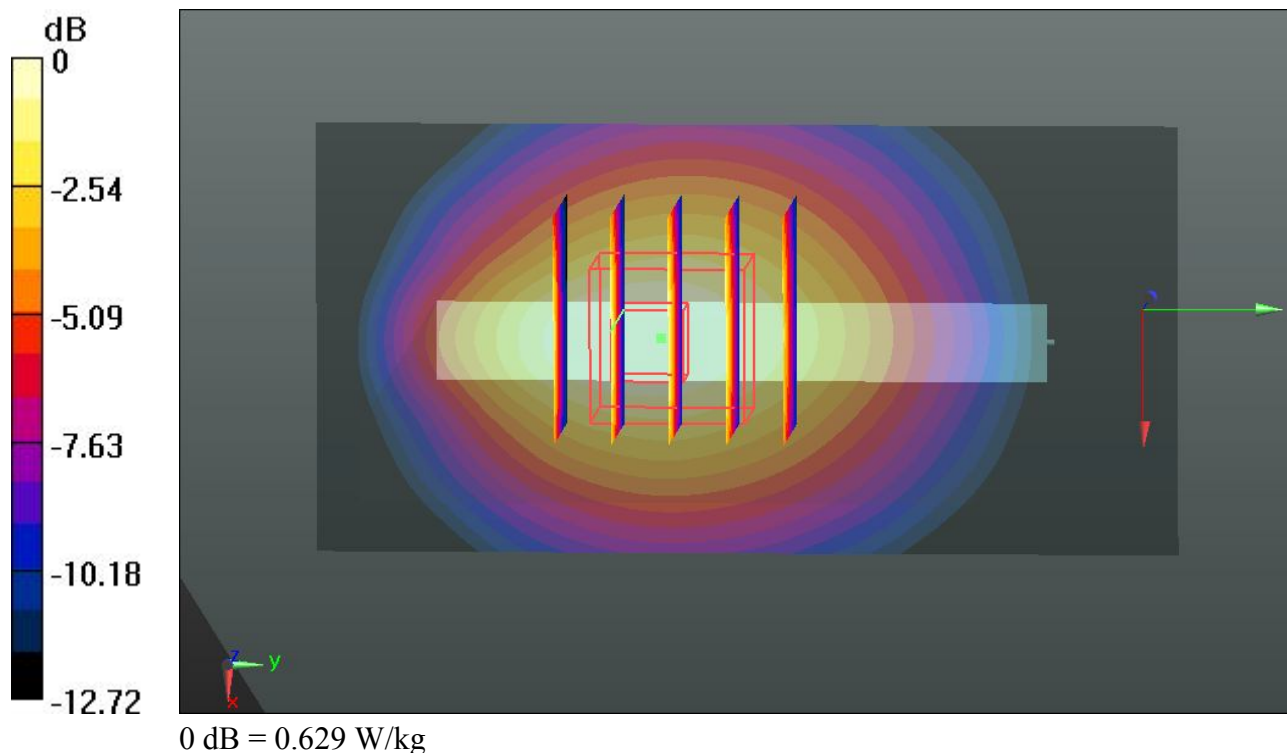
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.402 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.784 mW/g

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.629 W/kg



#174 WCDMA V_RMC 12.2K_Bottom Side_1cm_Ch4132_#4

DUT: MT1-U06

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

Medium: MSL_835_130307 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.473$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.677 W/kg

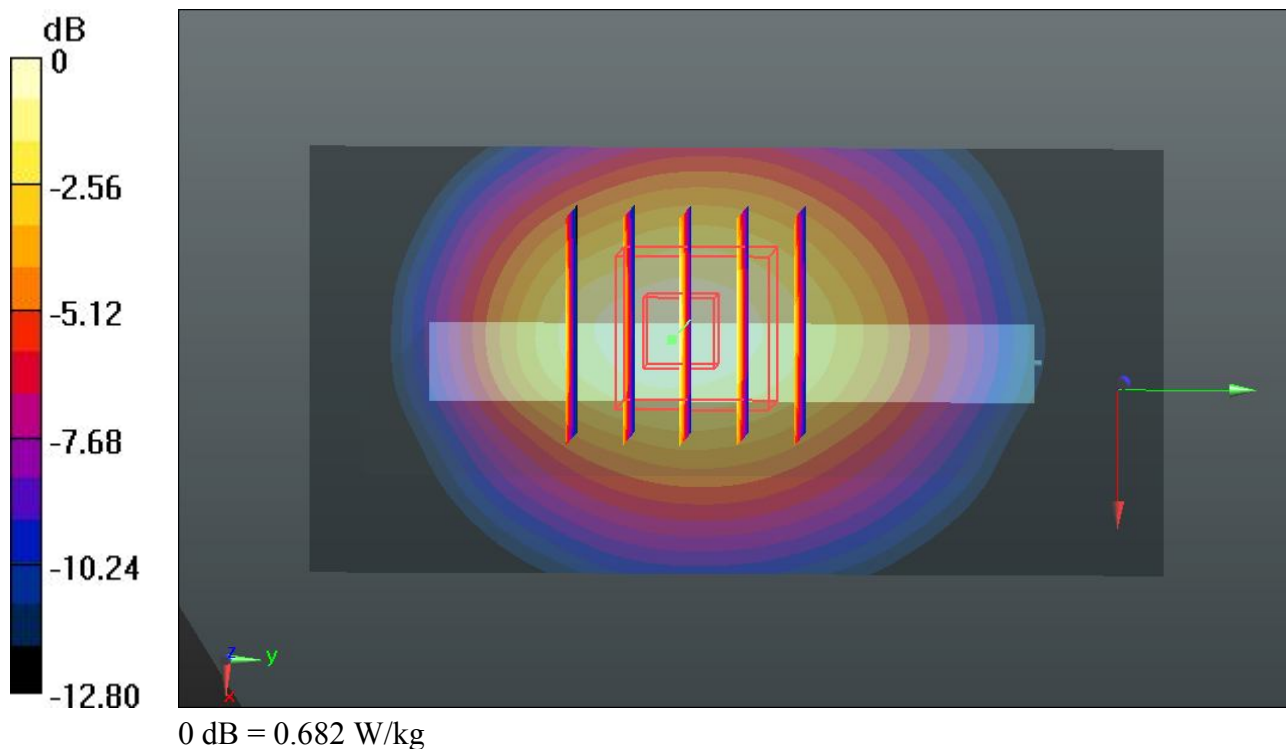
Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.040 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.818 mW/g

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.682 W/kg



#78 WCDMA IV_RMC 12.2K_Front_1cm_Ch1413_#2

DUT: MT1-U06

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

Medium: MSL_1800_130219 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.498$ mho/m; $\epsilon_r = 55.07$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

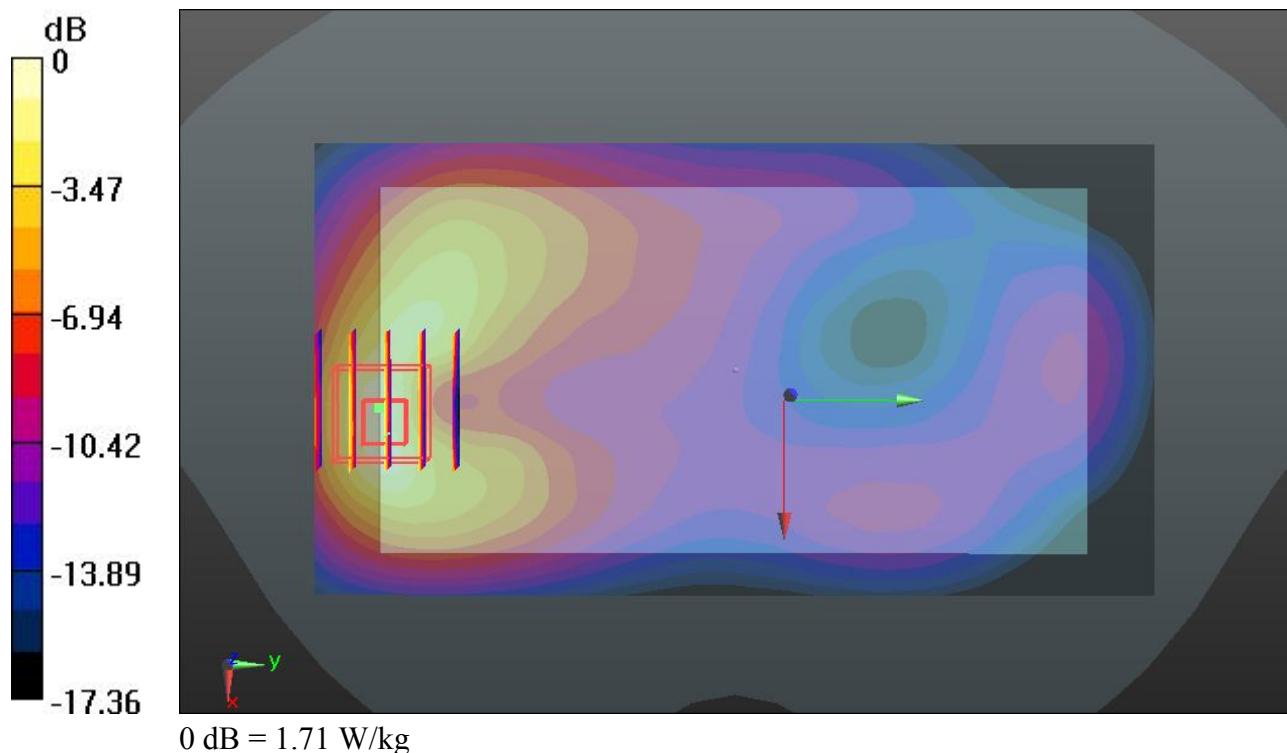
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.666 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.049 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.679 mW/g

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



#172 WCDMA IV_RMC 12.2K_Front_1cm_Ch1513_#4_Repeat SAR**DUT: MT1-U06**

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

Medium: MSL_1800_130307 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r = 55.723$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

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

Reference Value = 32.400 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.906 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.615 mW/g

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

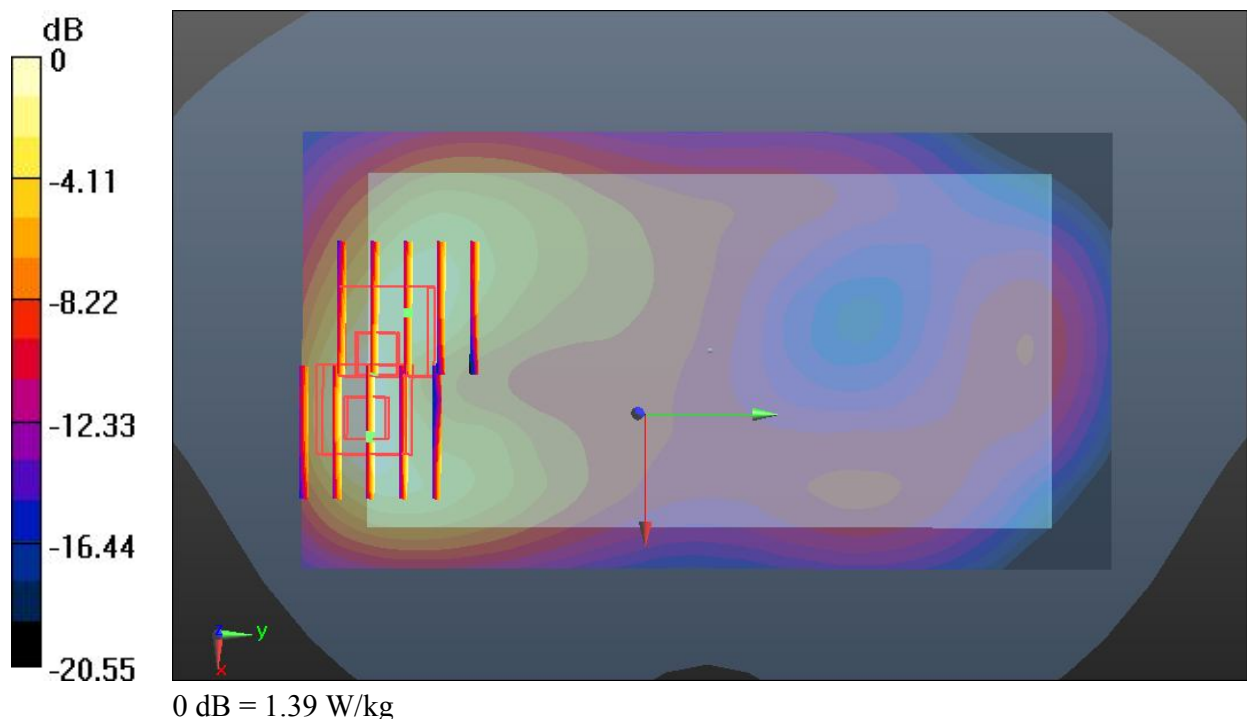
Ch1513/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.400 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.696 mW/g

SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.521 mW/g

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



#79 WCDMA IV_RMC 12.2K_Front_1cm_Ch1312_#2

DUT: MT1-U06

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

Medium: MSL_1800_130219 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.475$ mho/m; $\epsilon_r =$ 55.113; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.32 W/kg

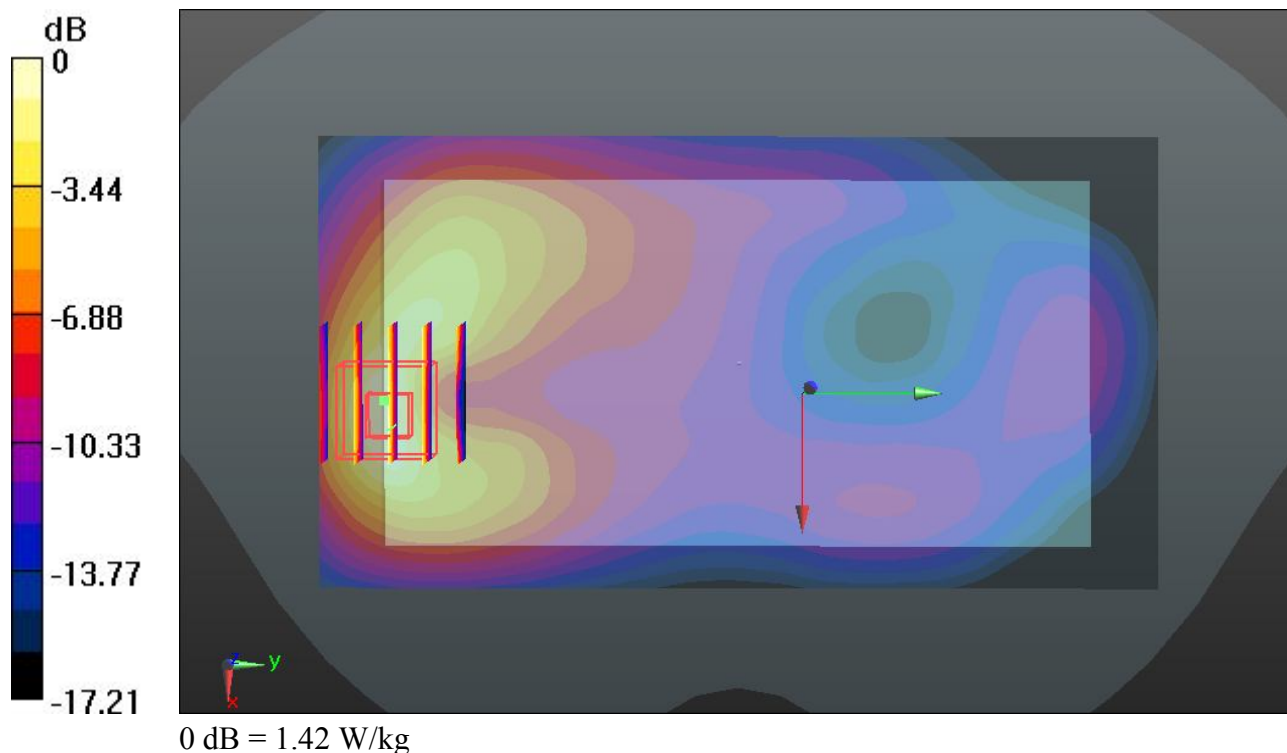
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.817 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.705 mW/g

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.566 mW/g

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



#80 WCDMA IV_RMC 12.2K_Front_1cm_Ch1513_#2**DUT: MT1-U06**

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

Medium: MSL_1800_130219 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.039$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.48 W/kg

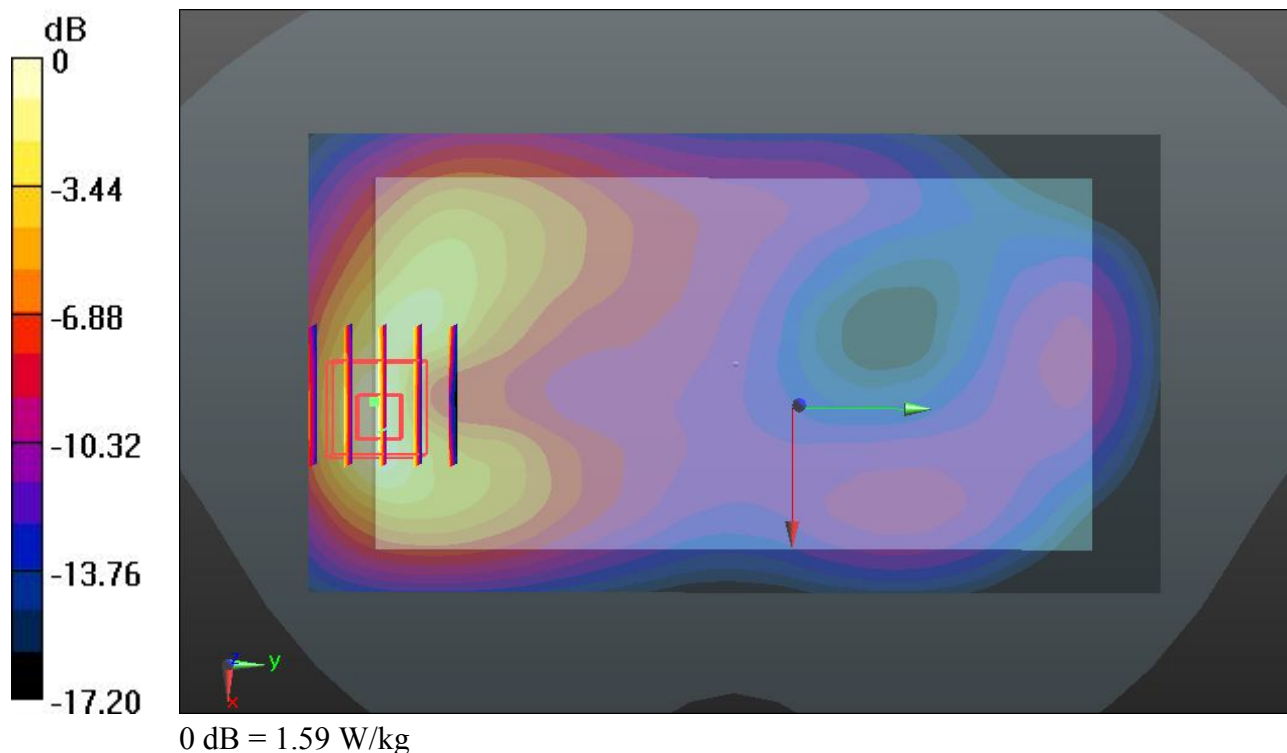
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.283 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.910 mW/g

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.631 mW/g

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



#169 WCDMA IV_RMC 12.2K_Front_1cm_Ch1413_#4

DUT: MT1-U06

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

Medium: MSL_1800_130307 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.491$ mho/m; $\epsilon_r =$ 55.756; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1413/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

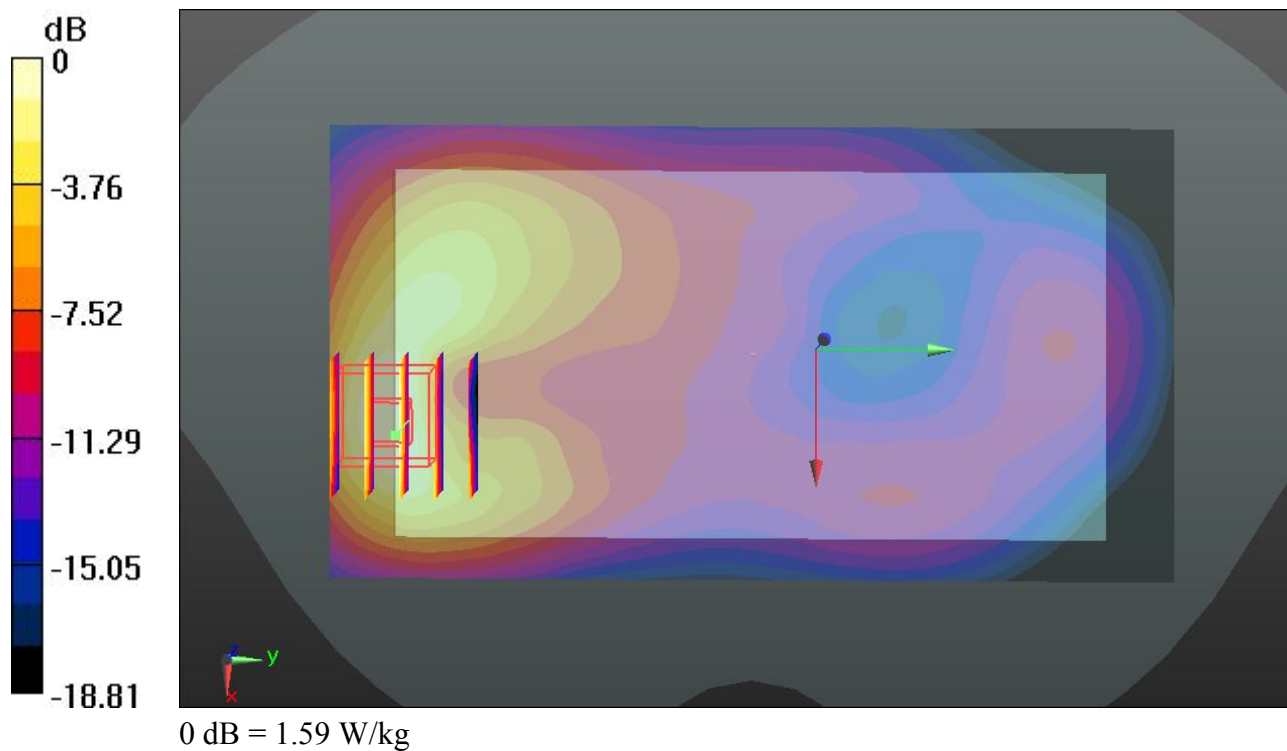
Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.786 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.001 mW/g

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.644 mW/g

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



#170 WCDMA IV_RMC 12.2K_Front_1cm_Ch1312_#4

DUT: MT1-U06

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

Medium: MSL_1800_130307 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.469$ mho/m; $\epsilon_r =$ 55.795; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1312/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

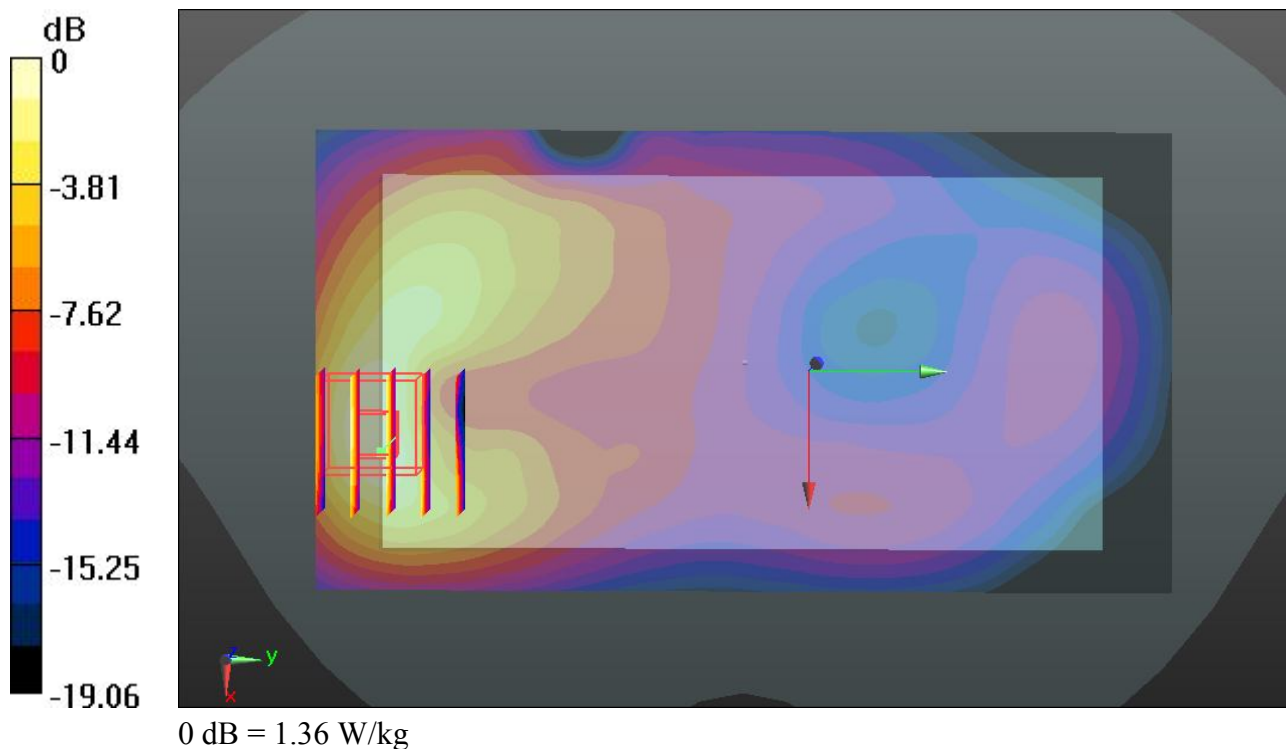
Ch1312/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.023 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.700 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.553 mW/g

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



#171 WCDMA IV_RMC 12.2K_Front_1cm_Ch1513_#4

DUT: MT1-U06

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

Medium: MSL_1800_130307 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.513$ mho/m; $\epsilon_r =$ 55.723; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8, 8, 8); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1513/Area Scan (71x131x1): Interpolated grid: dx=15mm, dy=15mm

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

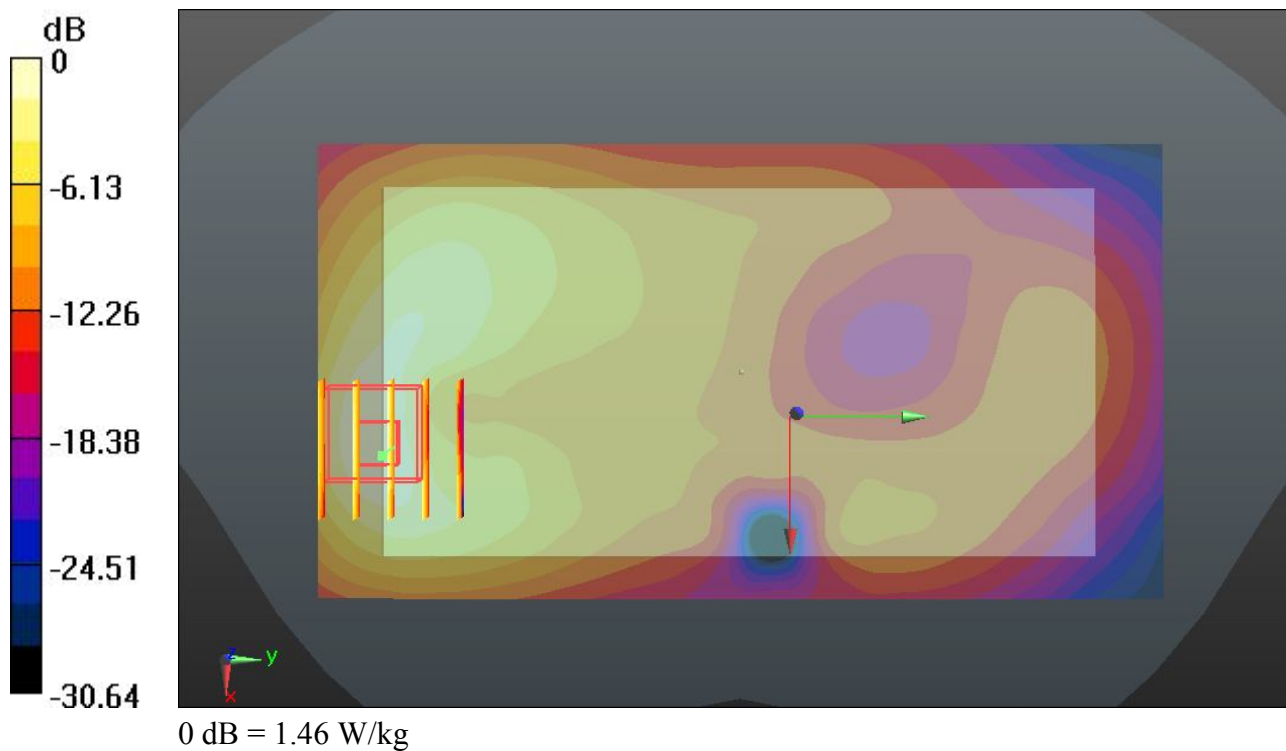
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.913 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.827 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.584 mW/g

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



#60 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9262_#2

DUT: MT1-U06

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

Medium: MSL_1900_130208 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.444$ mho/m; $\epsilon_r =$ 53.844; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch9262/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

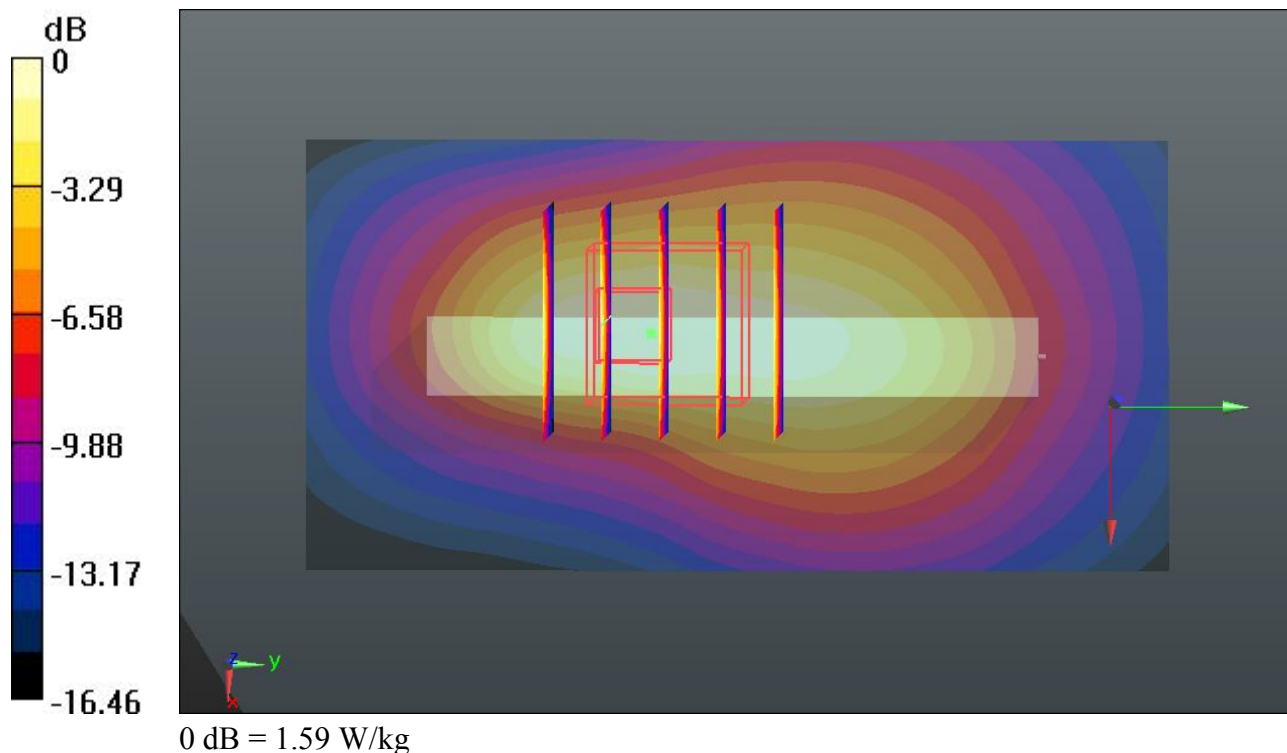
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.178 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.973 mW/g

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.655 mW/g

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



#61 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9400_#2

DUT: MT1-U06

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

Medium: MSL_1900_130208 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.479$ mho/m; $\epsilon_r =$ 53.835; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

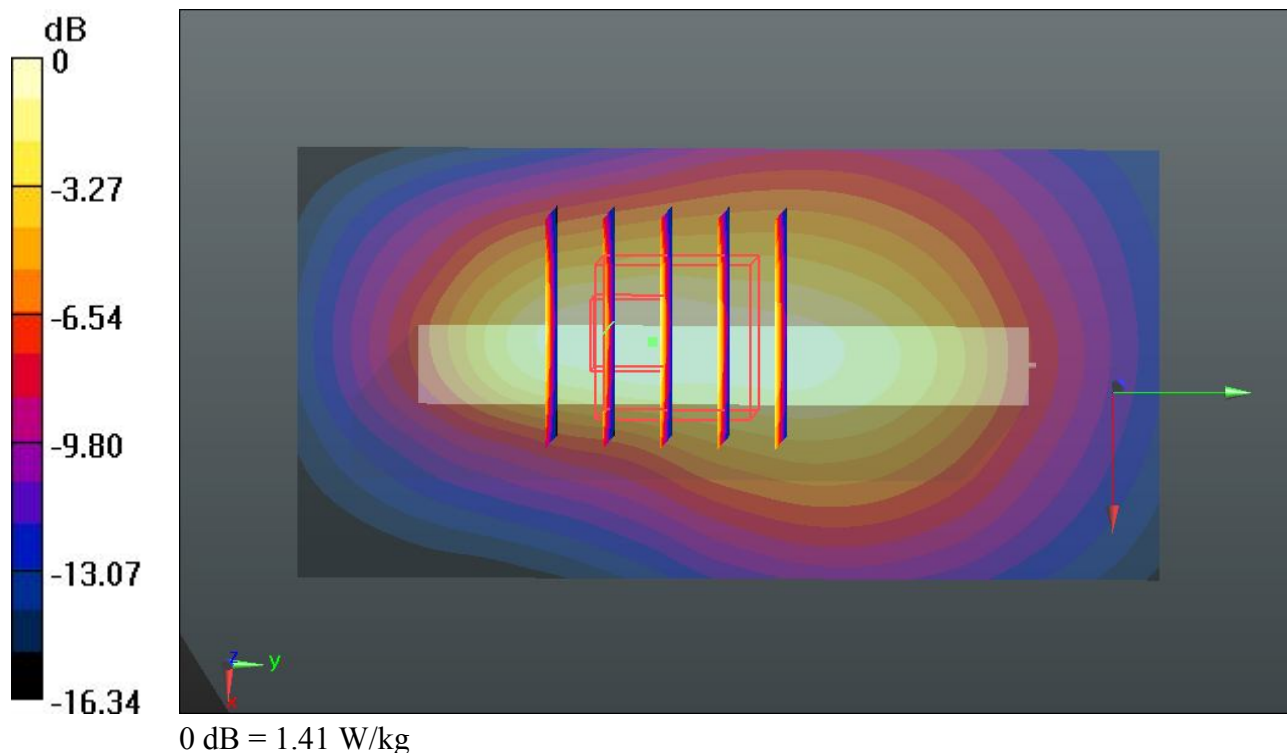
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.223 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.736 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.580 mW/g

Maximum value of SAR (measured) = 1.41 W/kg



#62 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9538_#2

DUT: MT1-U06

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

Medium: MSL_1900_130208 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.509$ mho/m; $\epsilon_r =$ 53.826; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Ch9538/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.48 W/kg

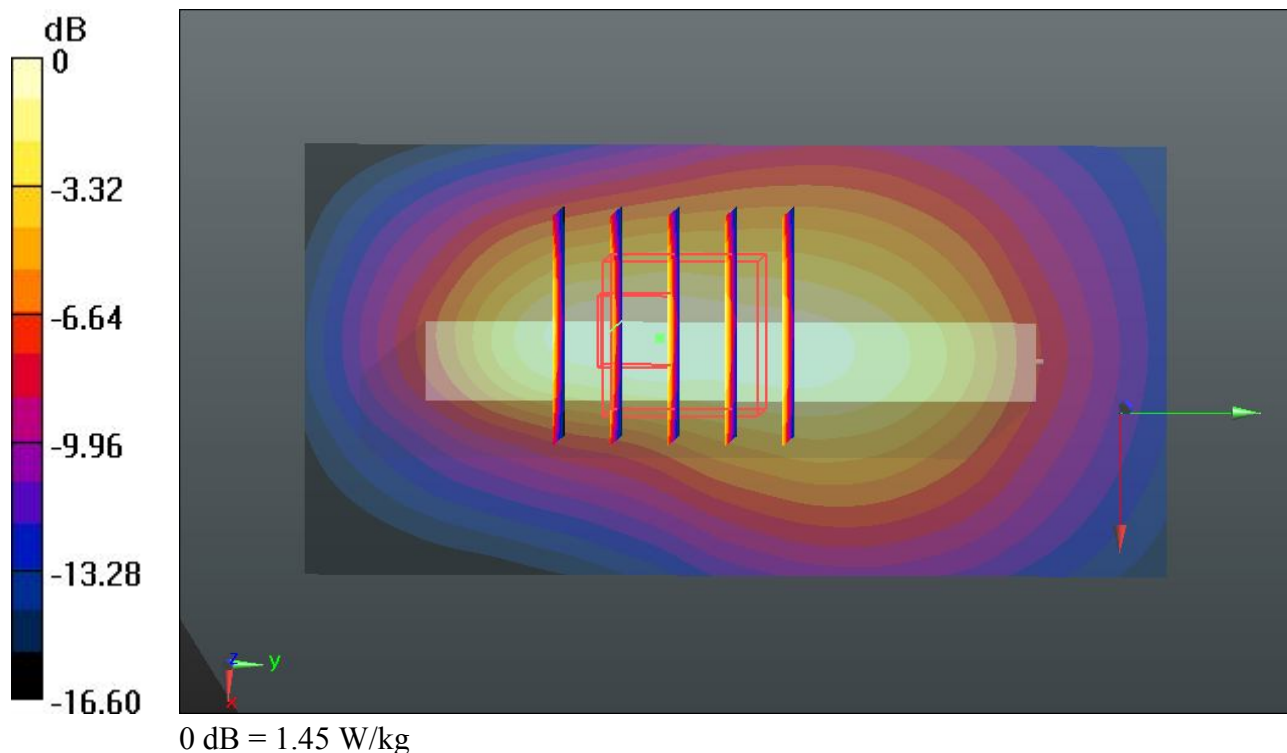
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.790 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.588 mW/g

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



#161 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9262_#4

DUT: MT1-U06

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

Medium: MSL_1900_130307 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.482$ mho/m; $\epsilon_r =$ 54.583; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

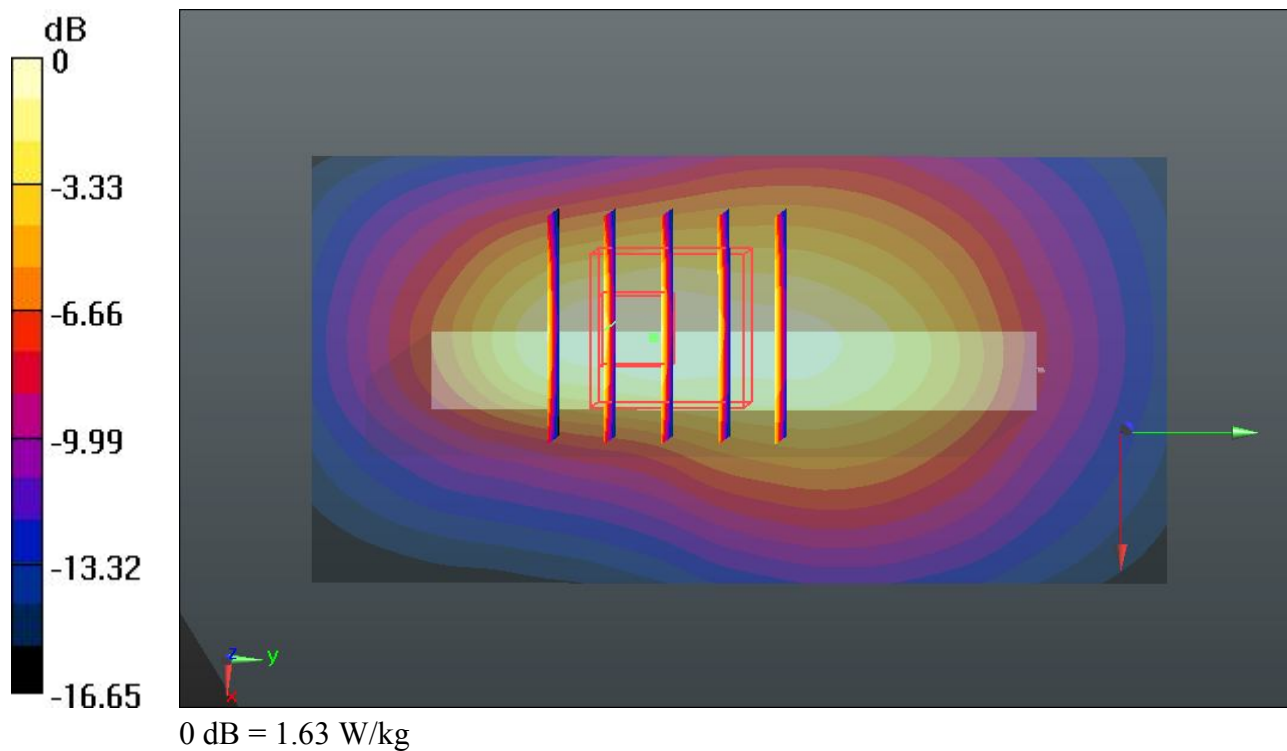
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.637 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.022 mW/g

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.666 mW/g

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



#165 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9262_#4_Repeat SAR**DUT: MT1-U06**

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

Medium: MSL_1900_130307 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.482$ mho/m; $\epsilon_r =$

54.583; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

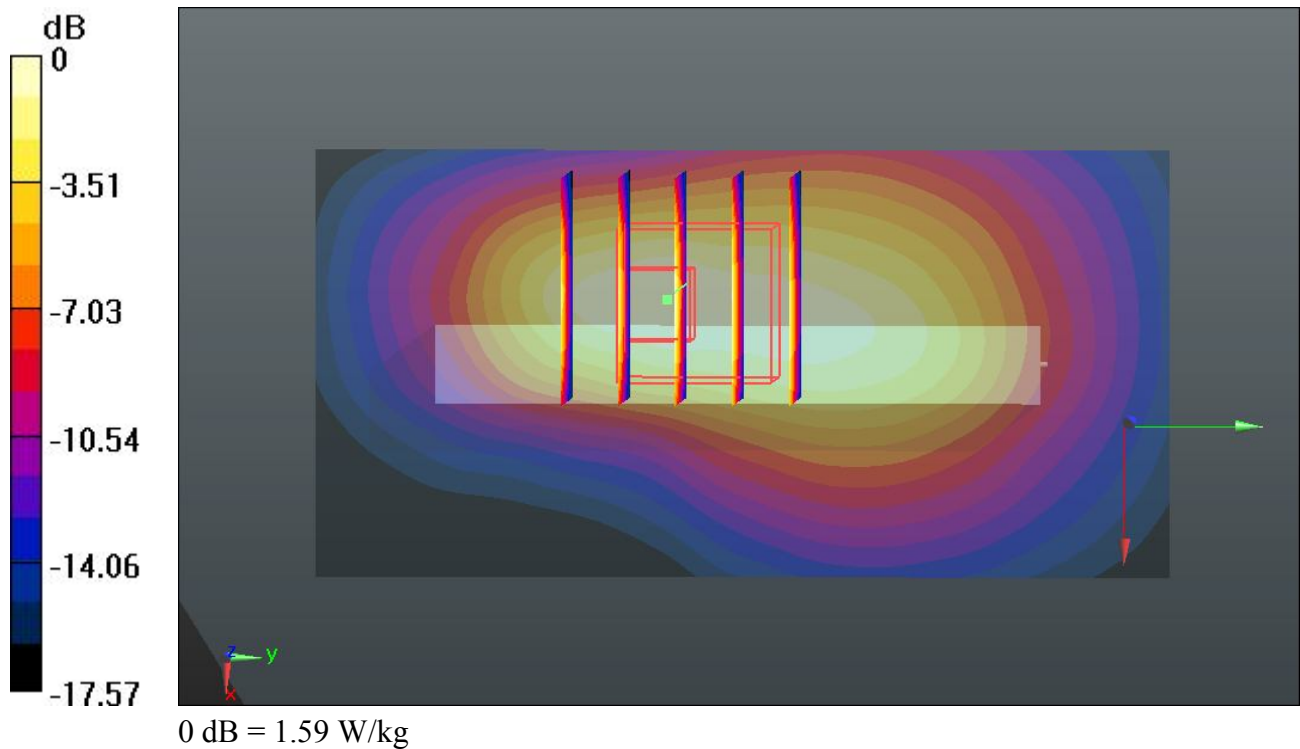
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.741 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.066 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.639 mW/g

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



#162 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9400_#4

DUT: MT1-U06

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

Medium: MSL_1900_130307 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ mho/m; $\epsilon_r =$ 54.512; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9400/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

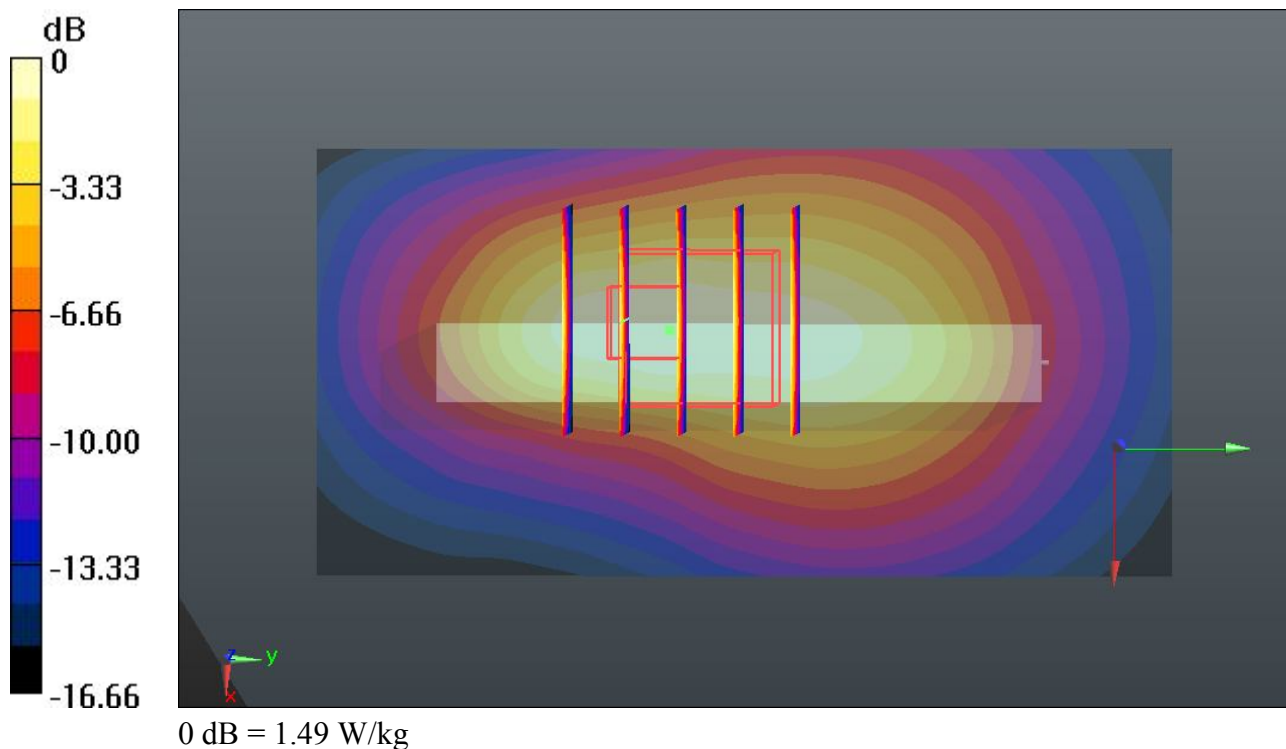
Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.615 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.845 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.613 mW/g

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



#163 WCDMA II_RMC 12.2K_Bottom Side_1cm_Ch9538_#4

DUT: MT1-U06

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

Medium: MSL_1900_130307 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.549$ mho/m; $\epsilon_r =$ 54.471; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9538/Area Scan (41x81x1): Interpolated grid: dx=15mm, dy=15mm

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

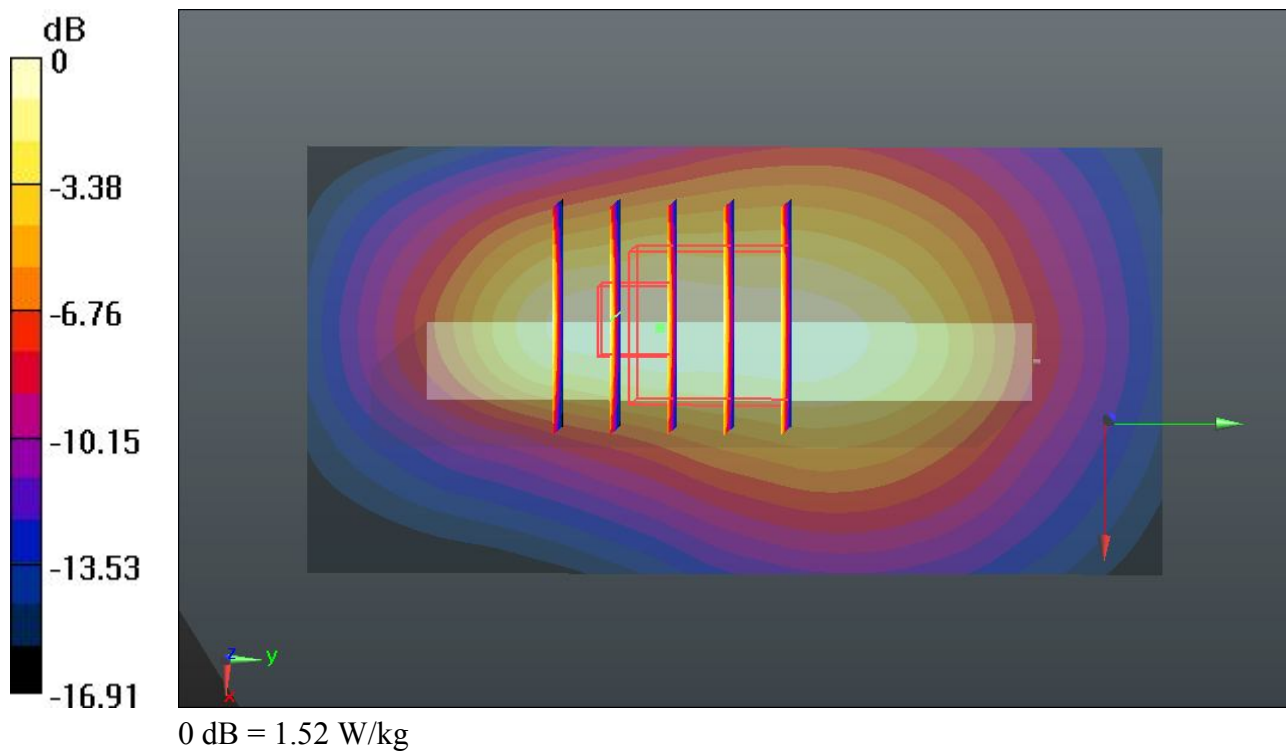
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.634 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.886 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.627 mW/g

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



#102 WLAN 2.4GHz Band_802.11b_Back_1cm_Ch6_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.55

Medium: MSL_2450_130305 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.913$ mho/m; $\epsilon_r =$ 53.395; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (101x161x1): Interpolated grid: dx=12mm, dy=12mm

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

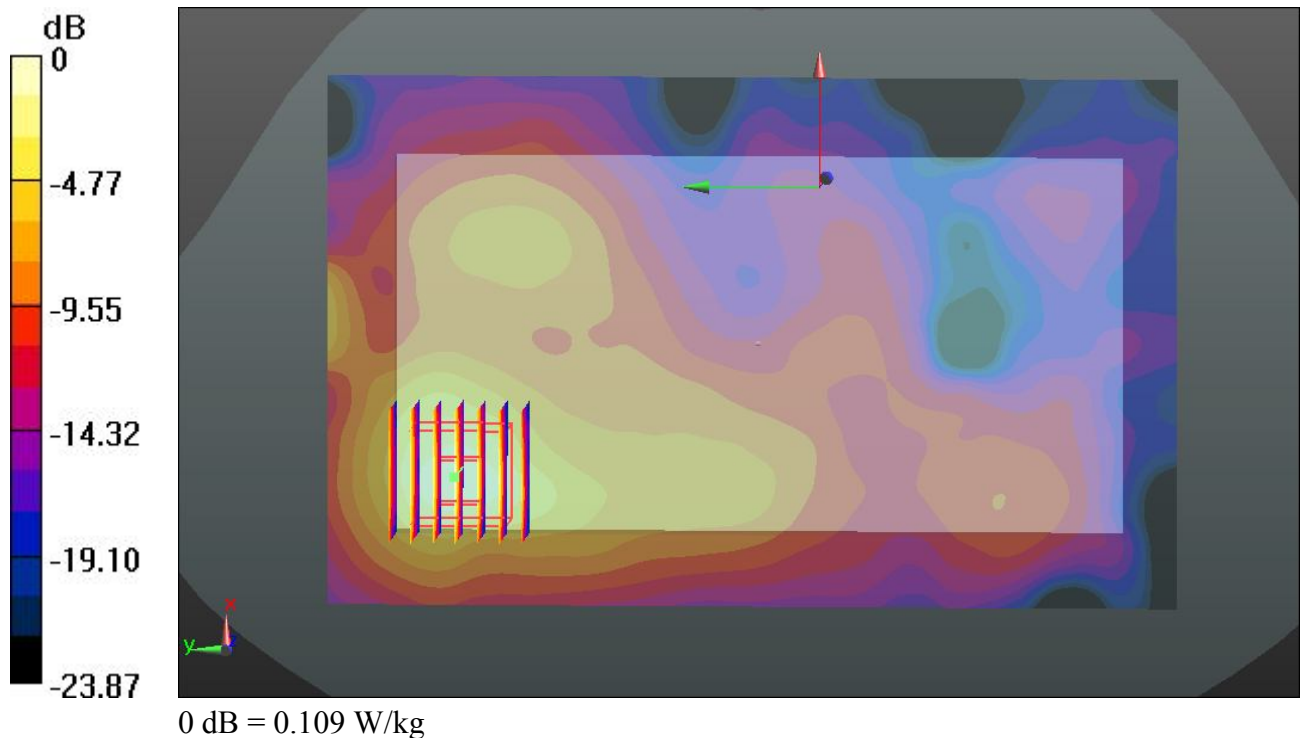
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.603 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.150 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g

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



#202 WLAN 2.4GHz Band_802.11b_Back_1cm_Ch6_#4

DUT: MT1-U06

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.55

Medium: MSL_2450_130308 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.912$ mho/m; $\epsilon_r = 54.01$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

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

Ch6/Area Scan (101x161x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.159 W/kg

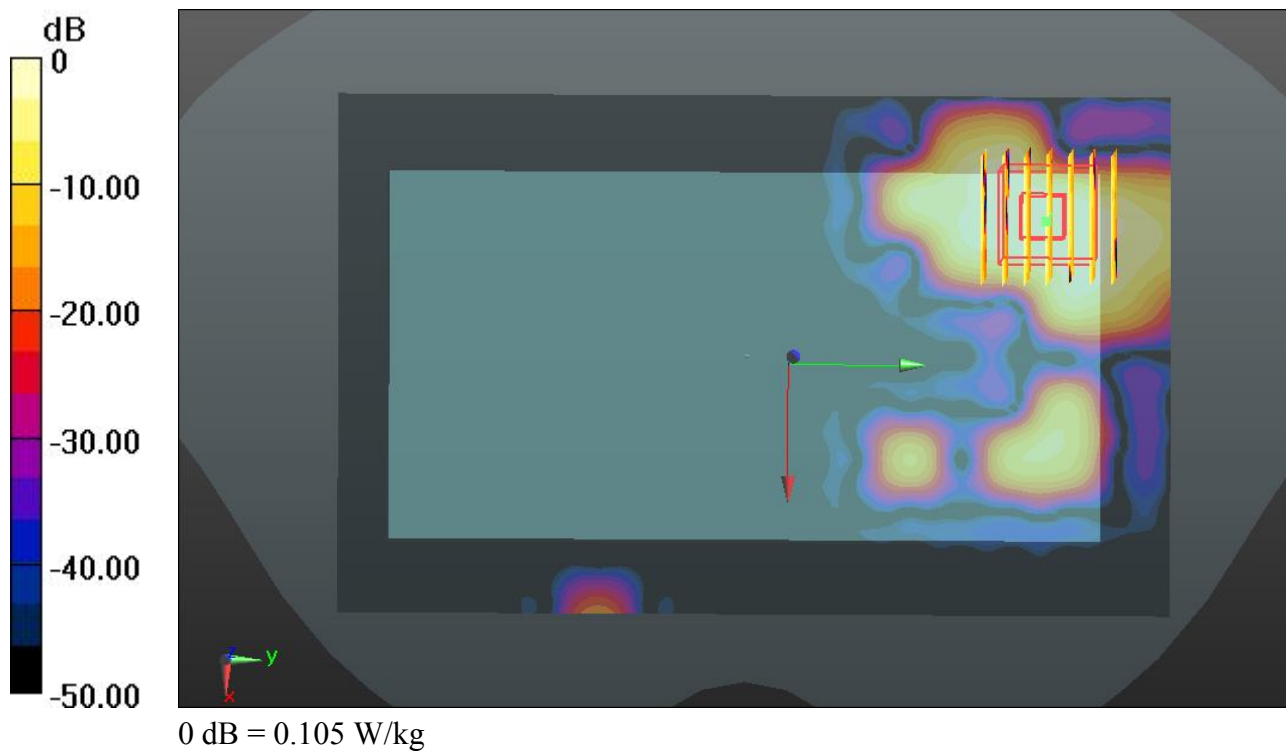
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.620 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.262 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.015 mW/g

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



#113_WLAN 5.2GHz Band_802.11a_Back_1cm_Ch36_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130306 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.248$ mho/m; $\epsilon_r = 48.573$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.790 W/kg

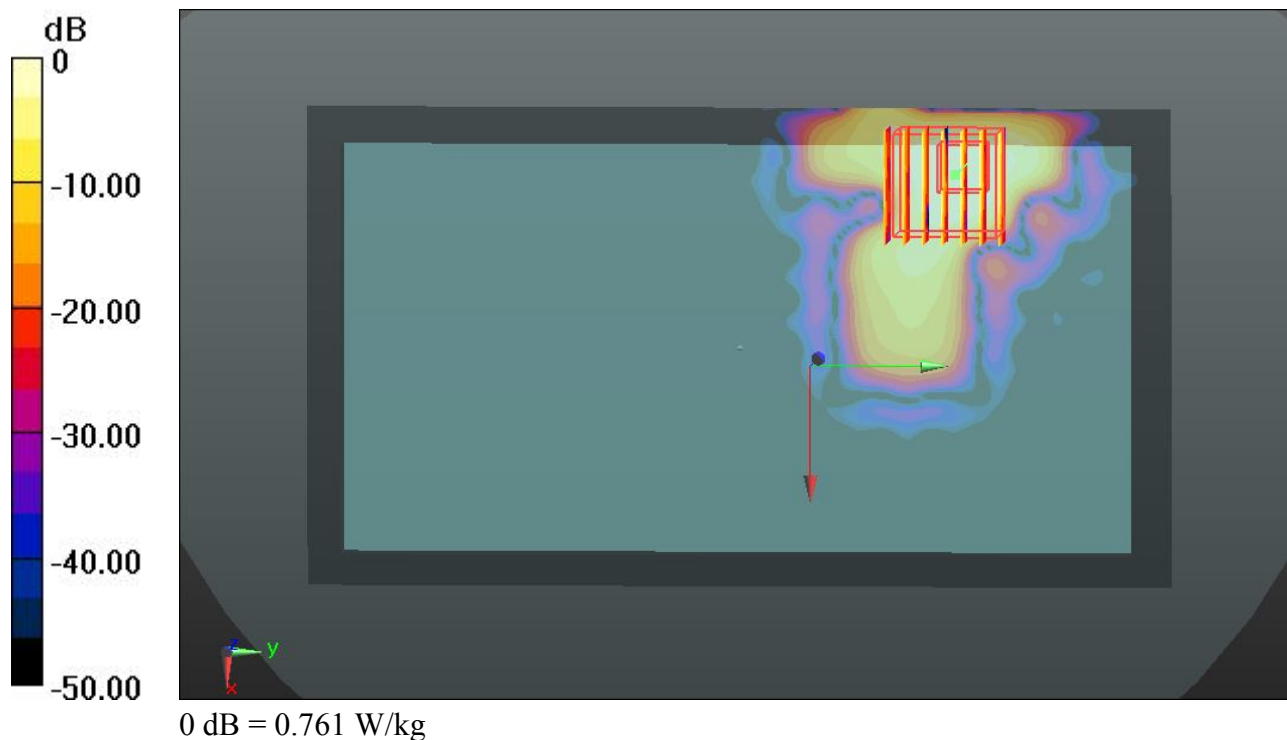
Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.903 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.475 mW/g

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.761 W/kg



#204_WLAN 5.2GHz Band_802.11a_Back_1cm_Ch36_#4

DUT: MT1-U06

Communication System: WIFI; Frequency: 5180 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130308 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.341$ mho/m; $\epsilon_r = 48.546$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.63, 4.63, 4.63); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch36/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.477 W/kg

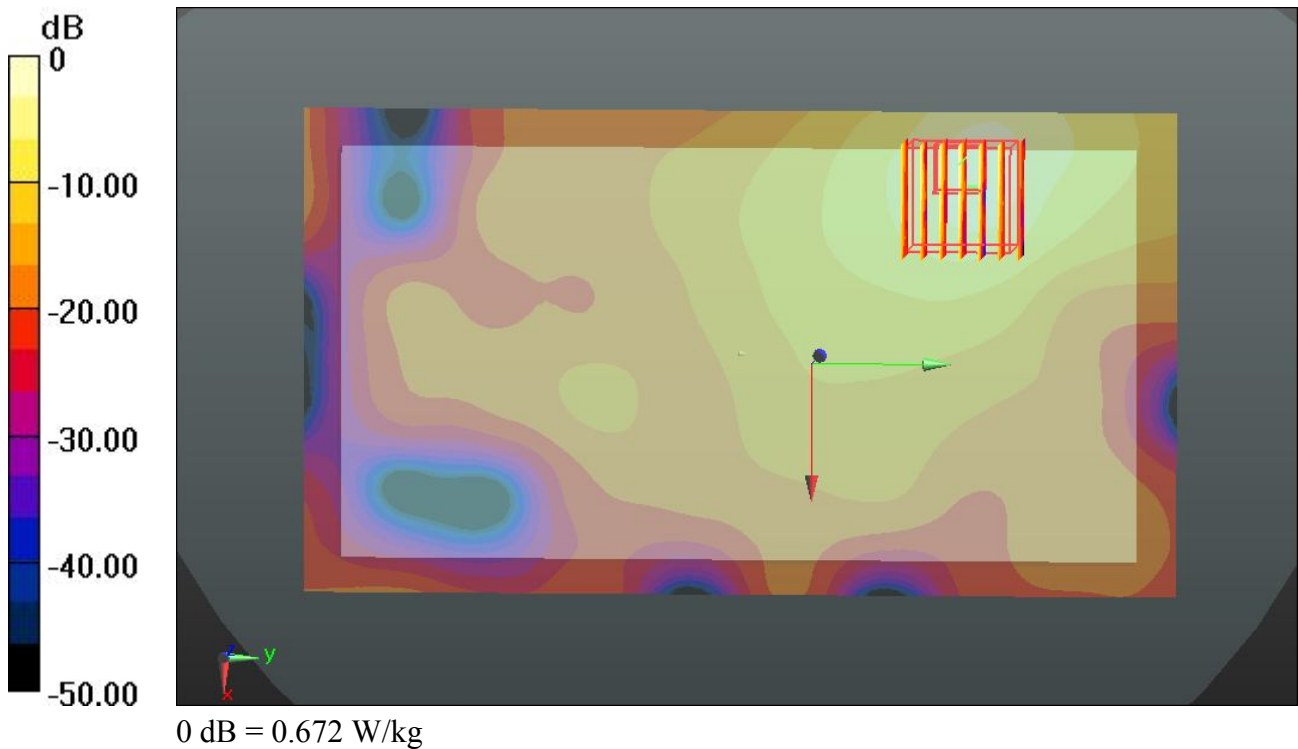
Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.315 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.291 mW/g

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.672 W/kg



#119_WLAN 5.3GHz Band_802.11a_Back_1cm_Ch60_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5300 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130306 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.418$ mho/m; $\epsilon_r = 48.319$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.551 W/kg

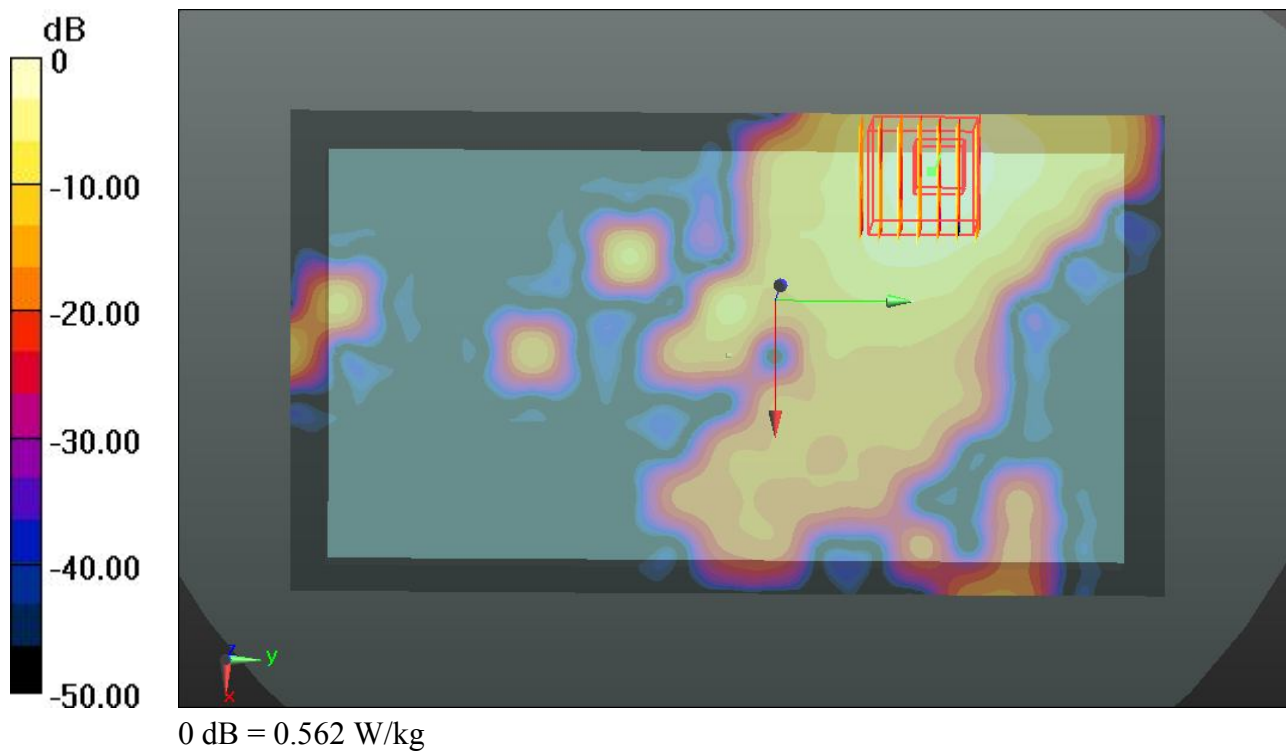
Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.120 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.054 mW/g

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.562 W/kg



#206_WLAN 5.3GHz Band_802.11a_Back_1cm_Ch60_#4

DUT: MT1-U06

Communication System: WIFI; Frequency: 5300 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130308 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.515$ mho/m; $\epsilon_r = 48.269$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch60/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.418 W/kg

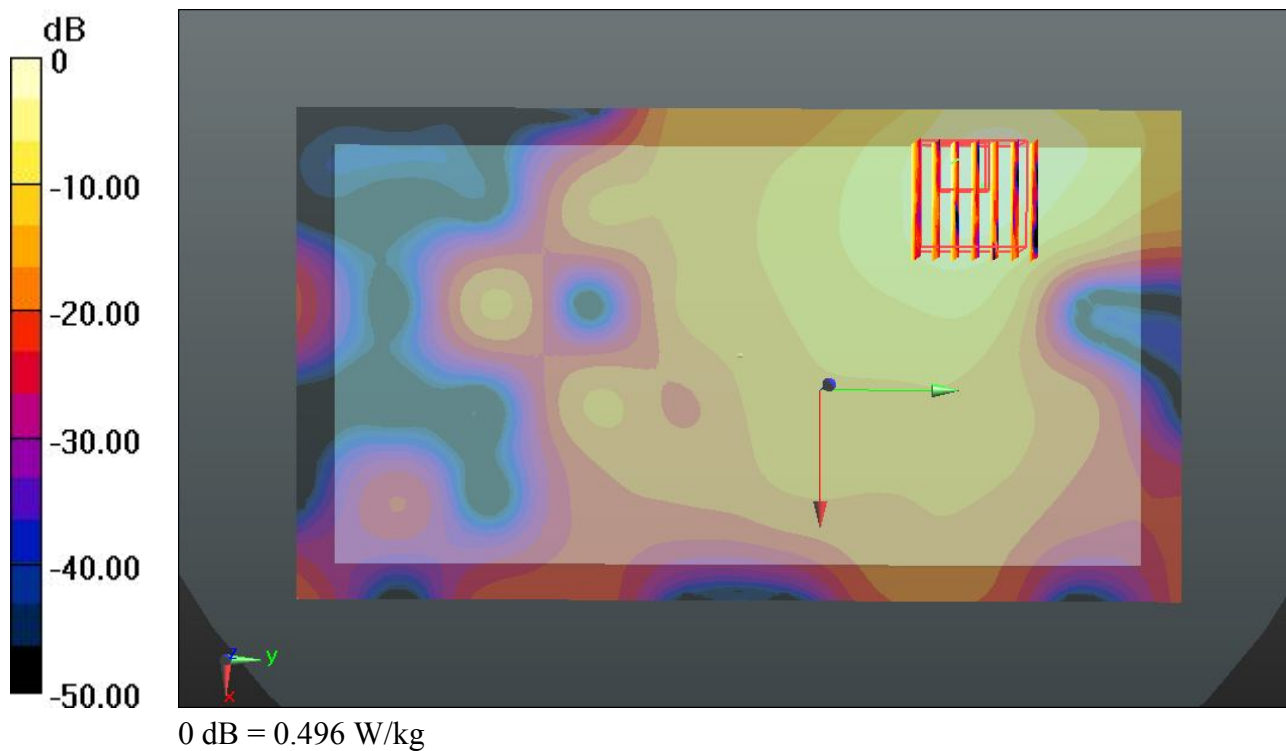
Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.869 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.948 mW/g

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.496 W/kg



#125_WLAN 5.5GHz Band_802.11a_Back_1cm_Ch136_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5680 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130306 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.966$ mho/m; $\epsilon_r = 47.477$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.728 W/kg

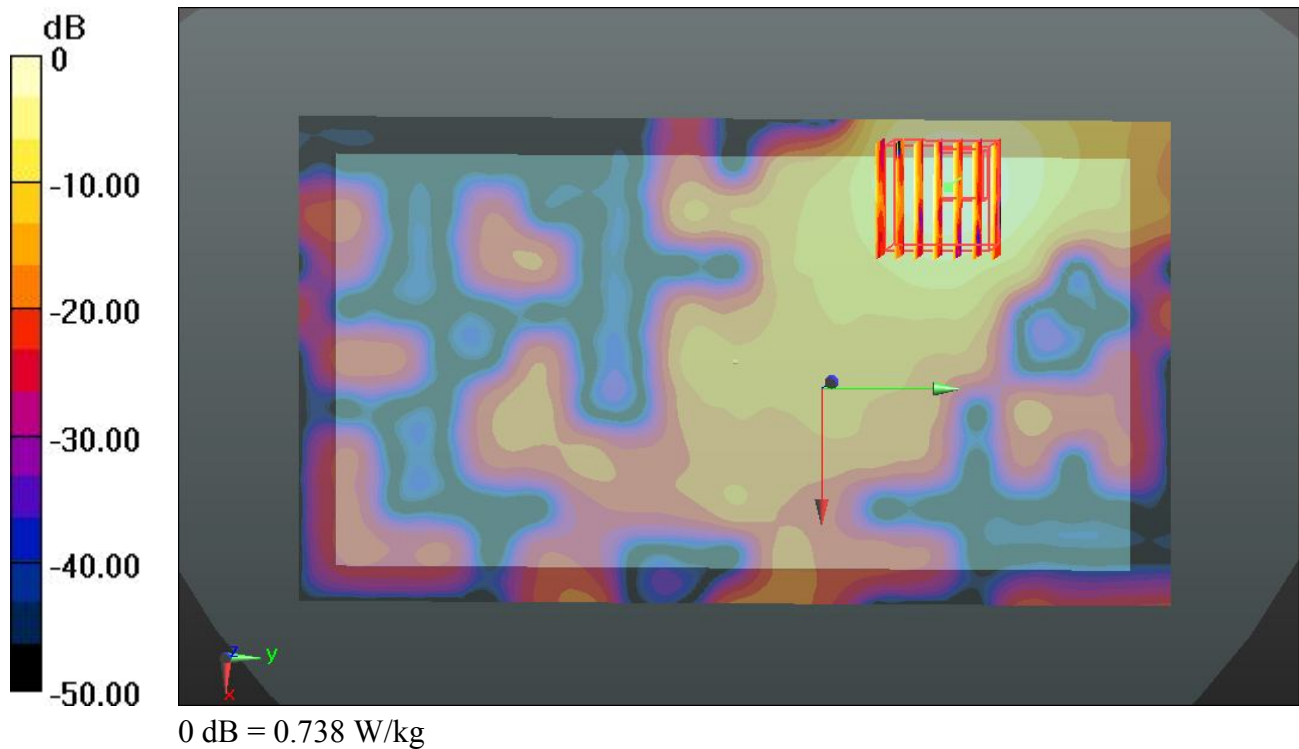
Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.019 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.078 mW/g

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.738 W/kg



#208_WLAN 5.5GHz Band_802.11a_Back_1cm_Ch136_#4**DUT: MT1-U06**

Communication System: WIFI; Frequency: 5680 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130308 Medium parameters used: $f = 5680$ MHz; $\sigma = 6.058$ mho/m; $\epsilon_r = 47.409$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch136/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.603 W/kg

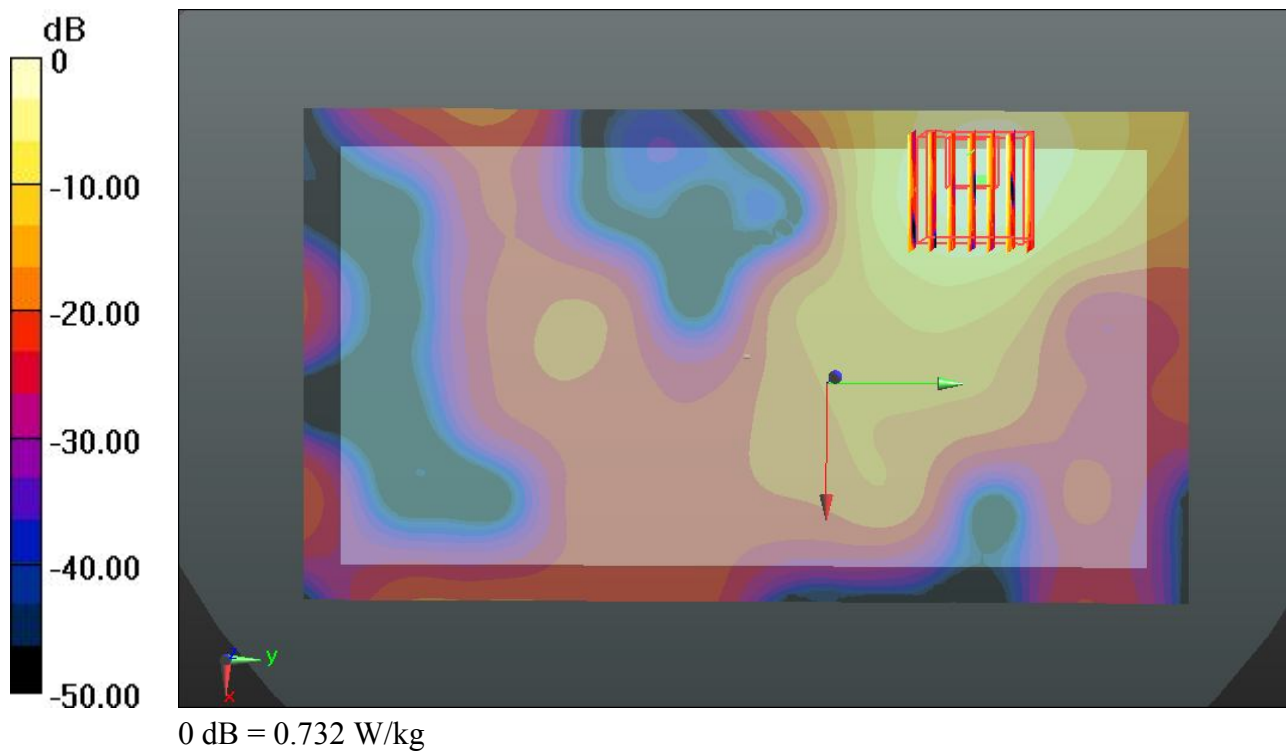
Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.533 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.533 mW/g

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.732 W/kg



#131_WLAN 5.8GHz Band_802.11a_Back_1cm_Ch149_#2

DUT: MT1-U06

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130306 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.051$ mho/m; $\epsilon_r = 47.358$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.629 W/kg

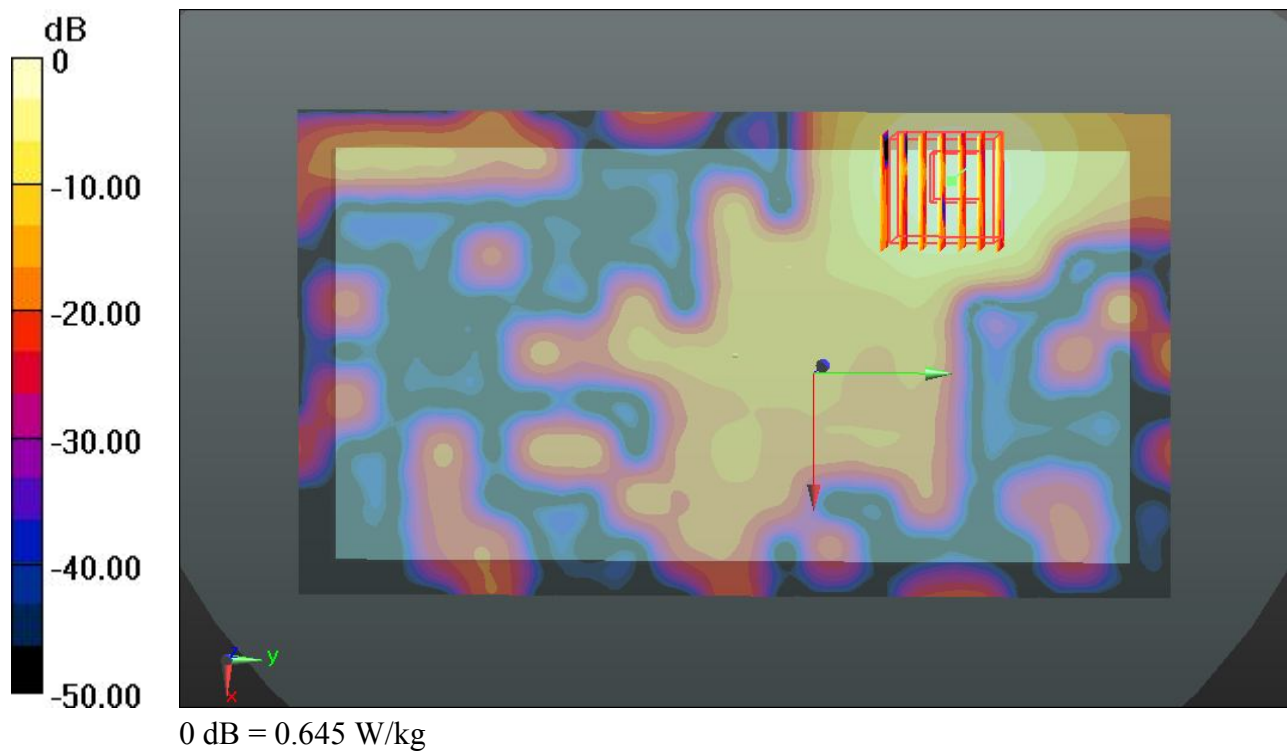
Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.234 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.320 mW/g

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.645 W/kg



#210_WLAN 5.8GHz Band_802.11a_Back_1cm_Ch149_#4**DUT: MT1-U06**

Communication System: WIFI; Frequency: 5745 MHz; Duty Cycle: 1:1.36

Medium: MSL_5G_130308 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.162$ mho/m; $\epsilon_r = 47.294$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.09, 4.09, 4.09); Calibrated: 26.11.2012;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch149/Area Scan (101x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.583 W/kg

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

Reference Value = 10.005 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.082 mW/g

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.589 W/kg

