

01 GSM1900_GSM Voice_Right Cheek_Ch512**DUT: 381405**

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

Medium: HSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.127 W/kg

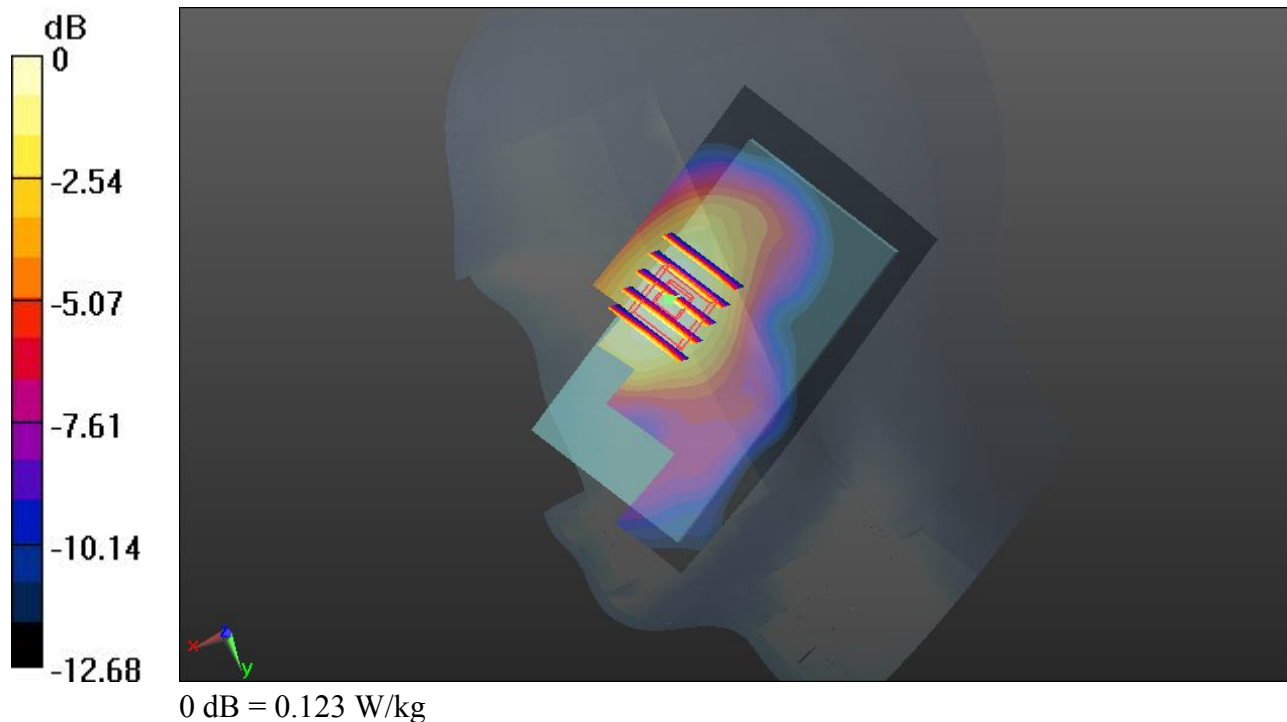
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.785 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.147 mW/g

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.123 W/kg



02 GSM1900_GSM Voice_Right Tilted_Ch512**DUT: 381405**

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

Medium: HSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

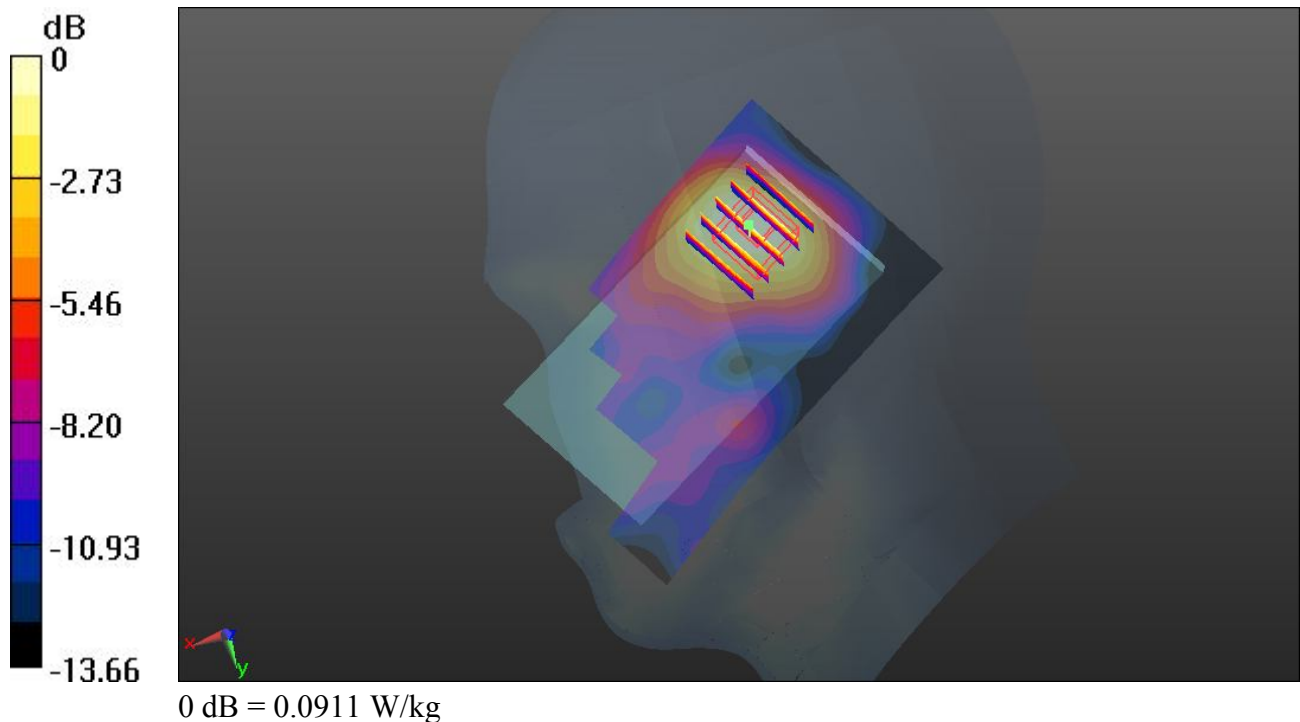
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.415 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.111 mW/g

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.046 mW/g

Maximum value of SAR (measured) = 0.0911 W/kg



03 GSM1900_GSM Voice_Left Cheek_Ch512**DUT: 381405**

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

Medium: HSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.216 W/kg

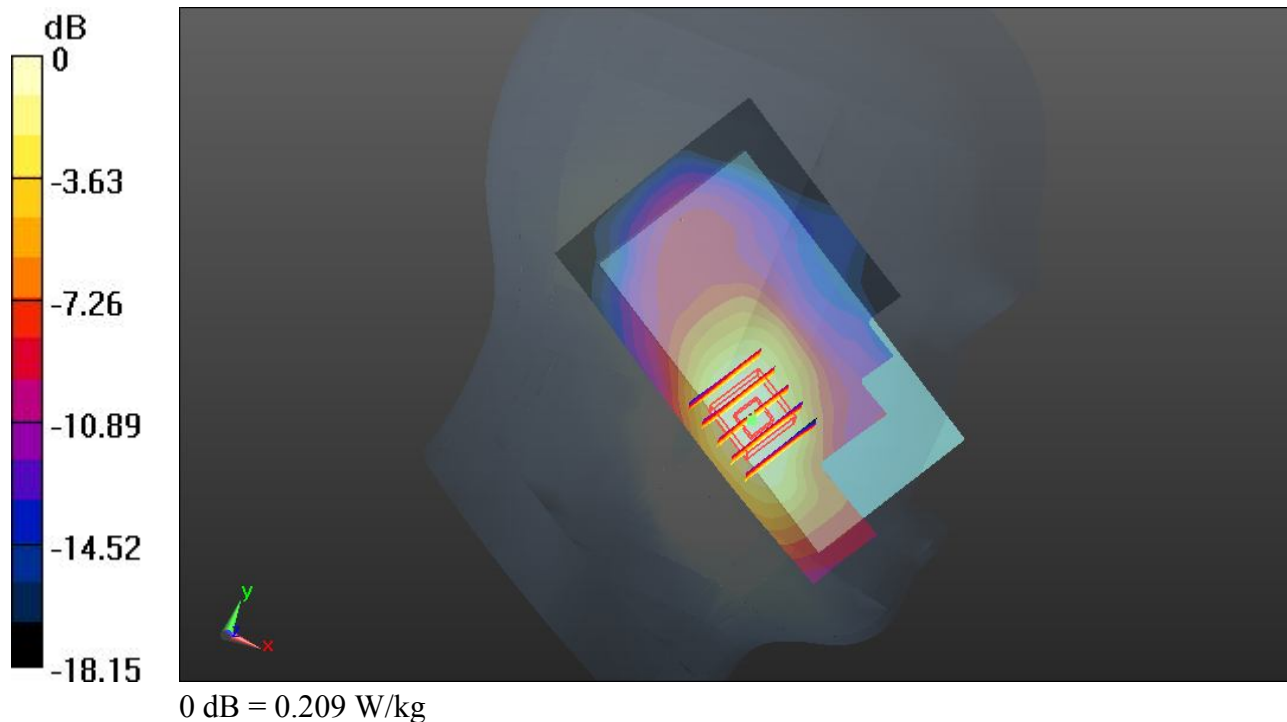
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.698 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.247 mW/g

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.209 W/kg



04 GSM1900_GSM Voice_Left Tilted_Ch512**DUT: 381405**

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

Medium: HSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.363$ mho/m; $\epsilon_r =$

41.24; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0801 W/kg

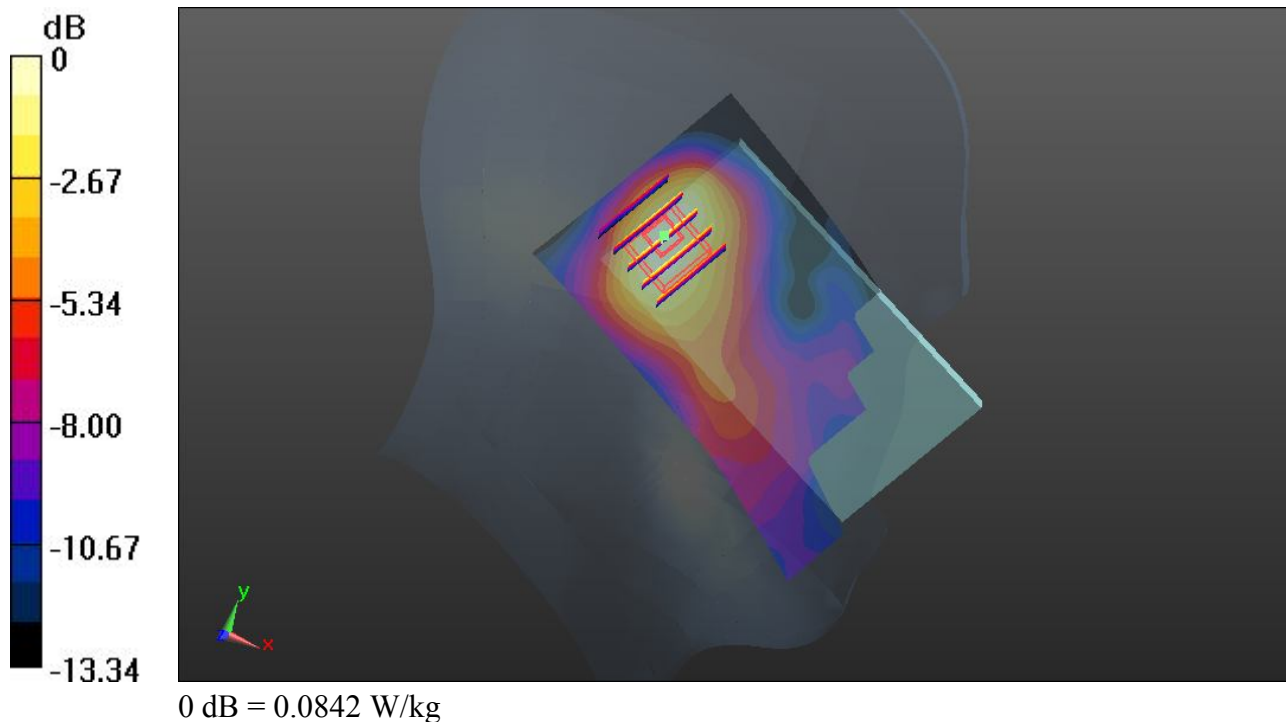
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.886 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.098 mW/g

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.0842 W/kg



12 WLAN2.4G_802.11b_Right Cheek_Ch11**DUT: 381405**

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

Medium: HSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

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

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0928 W/kg

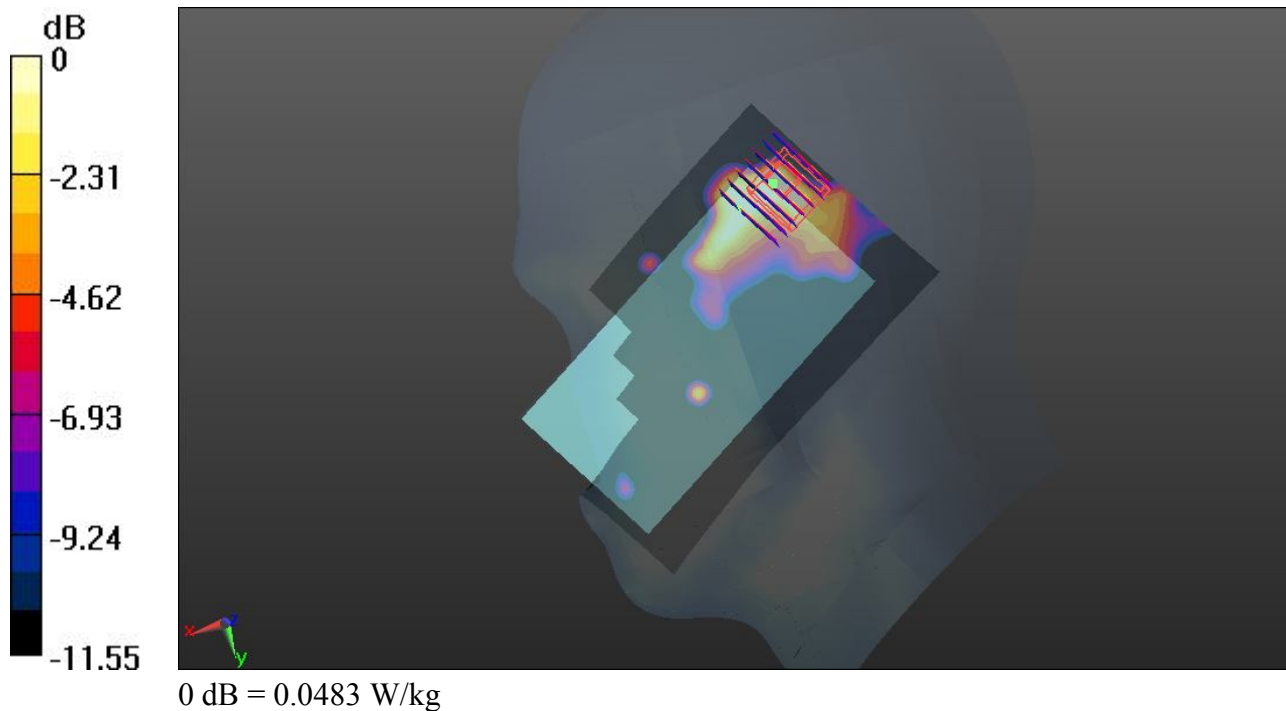
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.212 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.076 mW/g

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0483 W/kg



13 WLAN2.4G_802.11b_Right Tilted_Ch11**DUT: 381405**

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

Medium: HSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

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

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

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

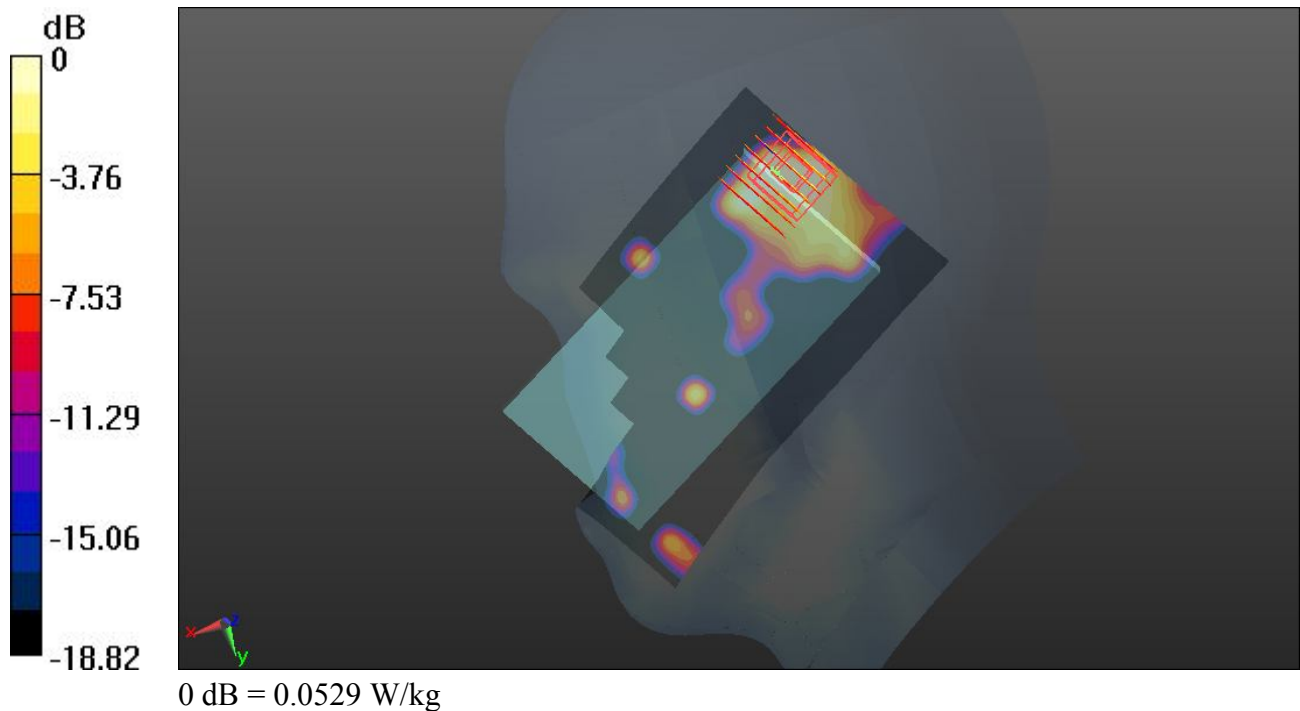
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.577 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.080 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.0529 W/kg



14 WLAN2.4G_802.11b_Left Cheek_Ch11**DUT: 381405**

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

Medium: HSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

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

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0785 W/kg

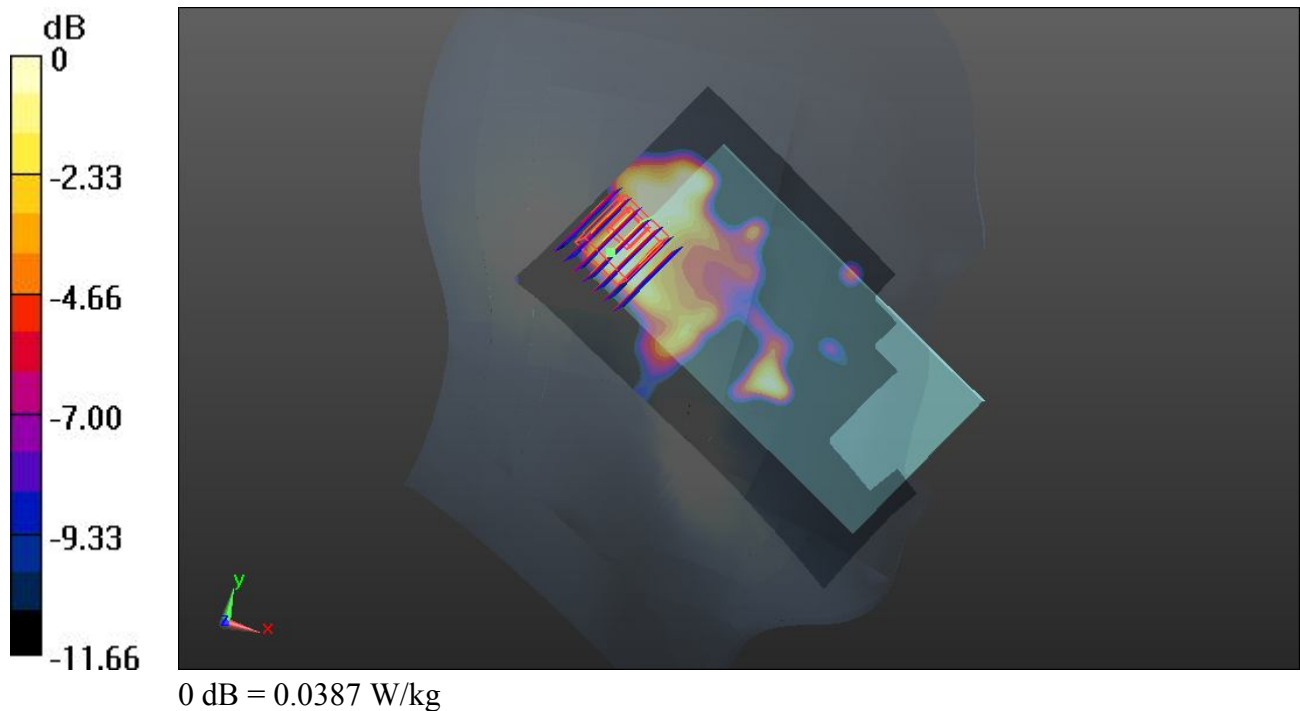
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.479 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.051 mW/g

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.0387 W/kg



15 WLAN2.4G_802.11b_Left Tilted_Ch11**DUT: 381405**

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

Medium: HSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 37.627$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

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

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0779 W/kg

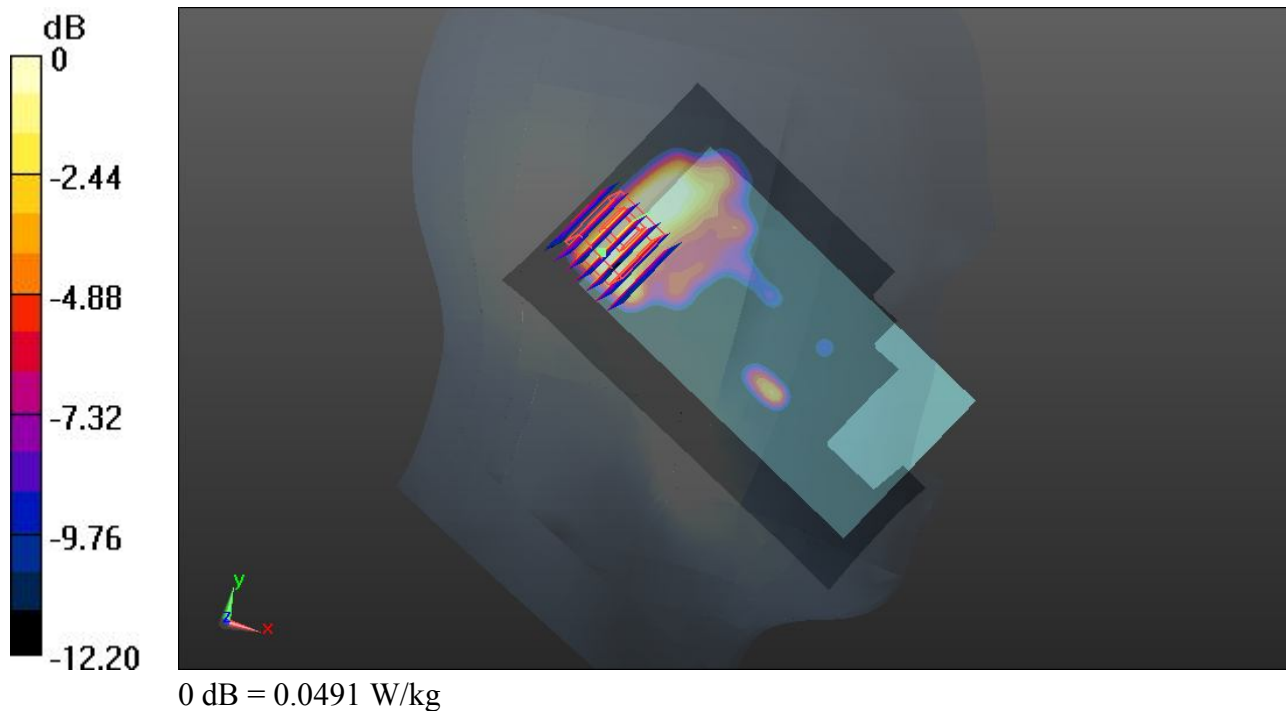
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.853 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.063 mW/g

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0491 W/kg



28 Bluetooth_DH5_Right Cheek_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: HSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$ 37.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °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)

Ch78/Area Scan (81x131x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.0605 W/kg

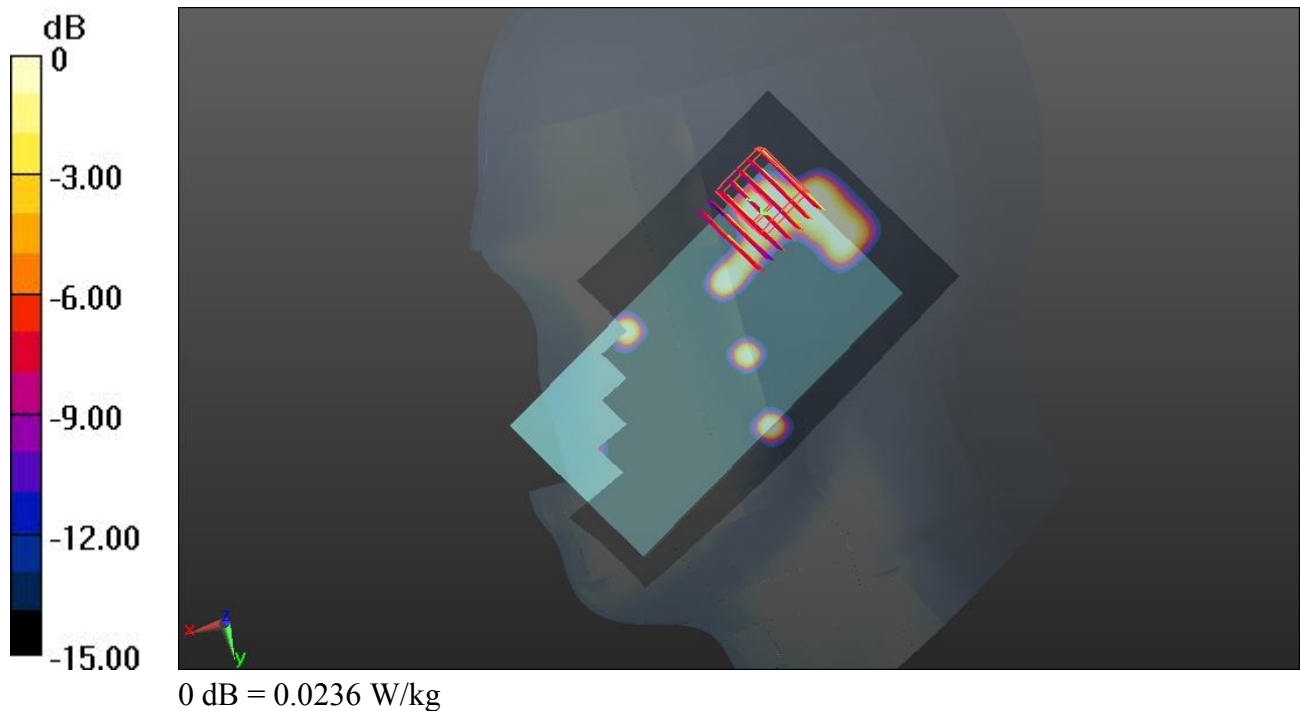
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.191 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.036 mW/g

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00715 mW/g

Maximum value of SAR (measured) = 0.0236 W/kg



29 Bluetooth_DH5_Right Tilted_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: HSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$

37.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °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)

Ch78/Area Scan (81x131x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

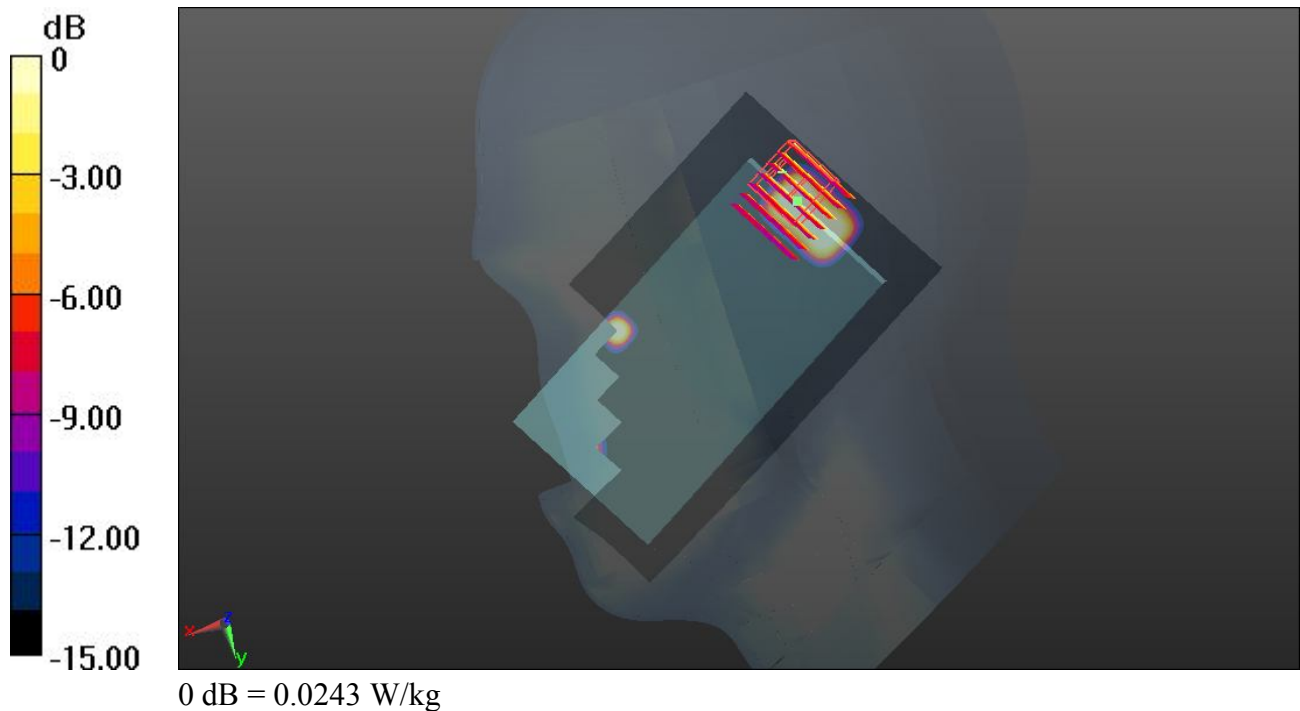
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.417 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.036 mW/g

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00879 mW/g

Maximum value of SAR (measured) = 0.0243 W/kg



30 Bluetooth_DH5_Left Cheek_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: HSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$ 37.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °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)

Ch78/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0368 W/kg

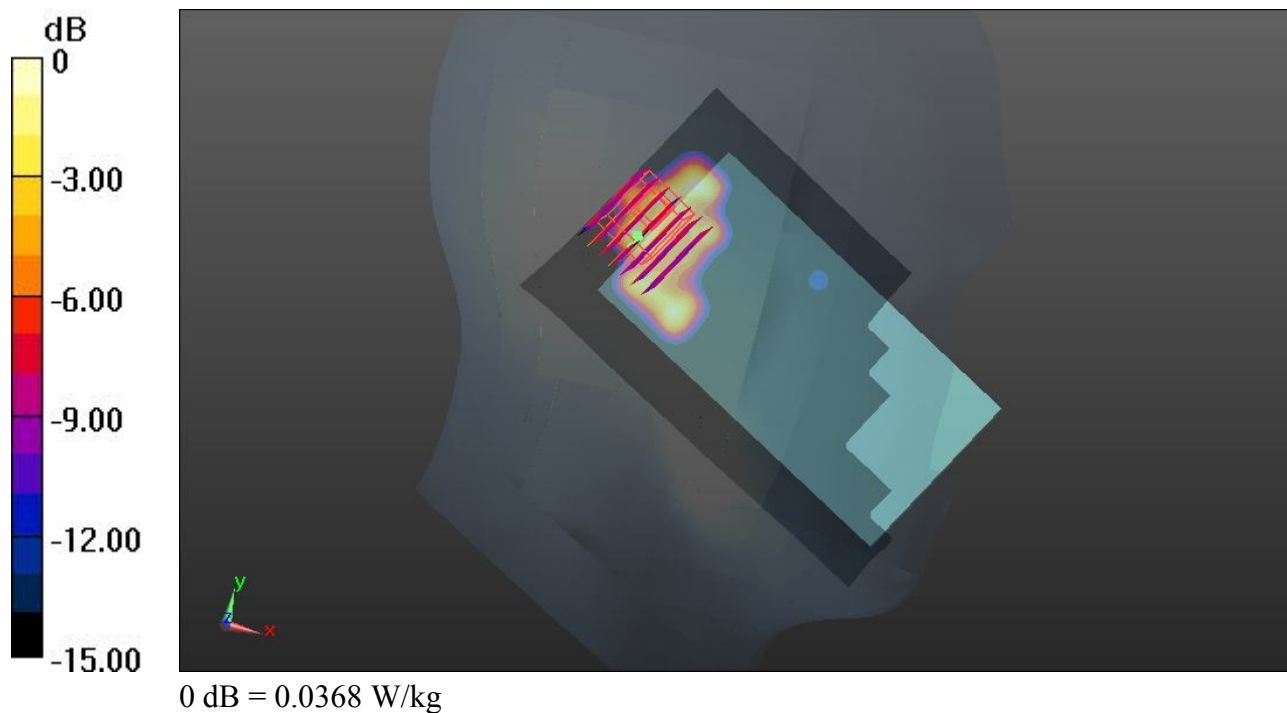
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.289 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.037 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00742 mW/g

Maximum value of SAR (measured) = 0.0368 W/kg



31 Bluetooth_DH5_Left Tilted_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: HSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.892$ mho/m; $\epsilon_r =$

37.549 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °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)

Ch78/Area Scan (81x131x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.0422 W/kg

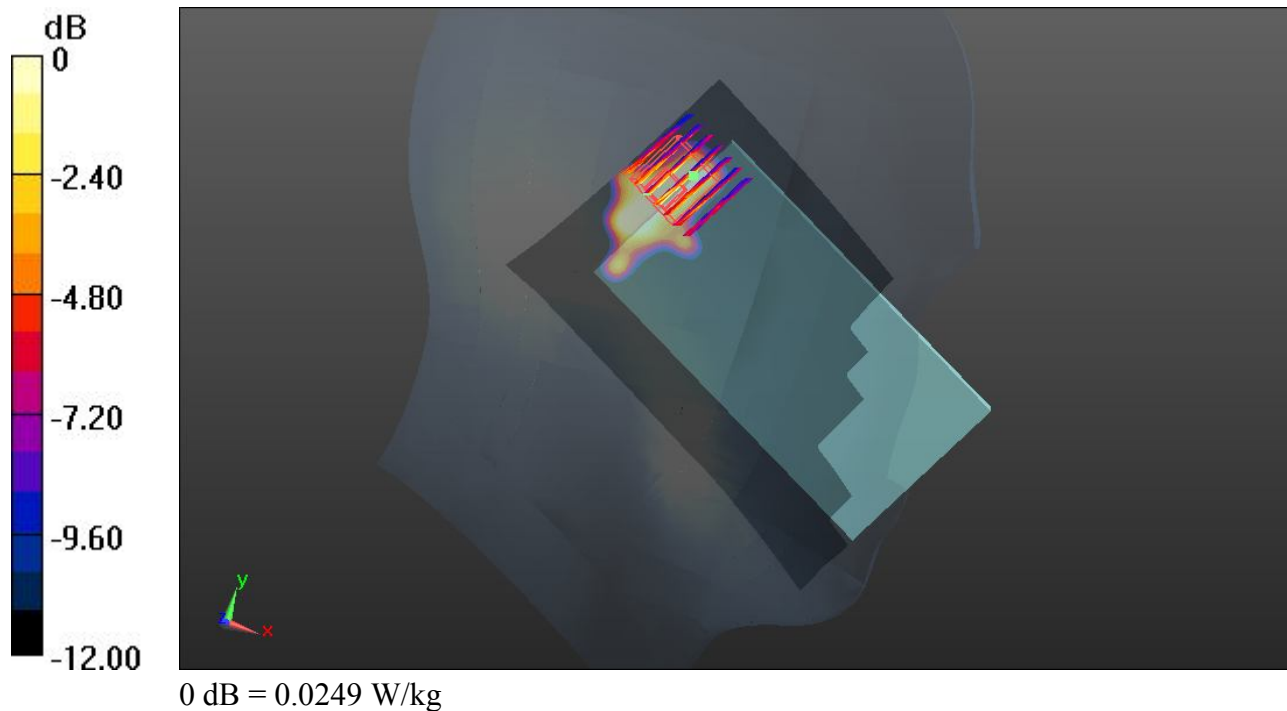
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.240 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.032 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.0249 W/kg



05 GSM1900_GPRS(2 Tx slots)_Front_1cm_Ch512**DUT: 381405**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$

54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.422 W/kg

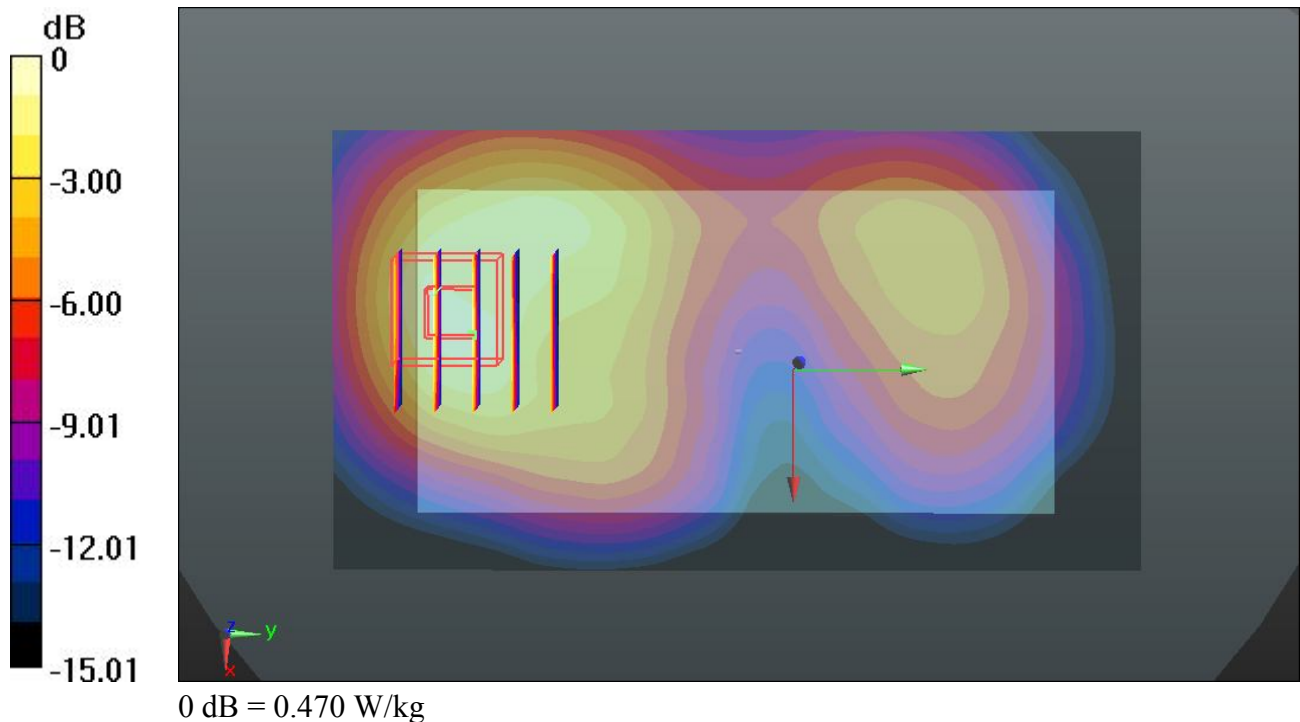
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.820 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.627 mW/g

SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.203 mW/g

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



06 GSM1900_GPRS(2 Tx slots)_Back_1cm_Ch512**DUT: 381405**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

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

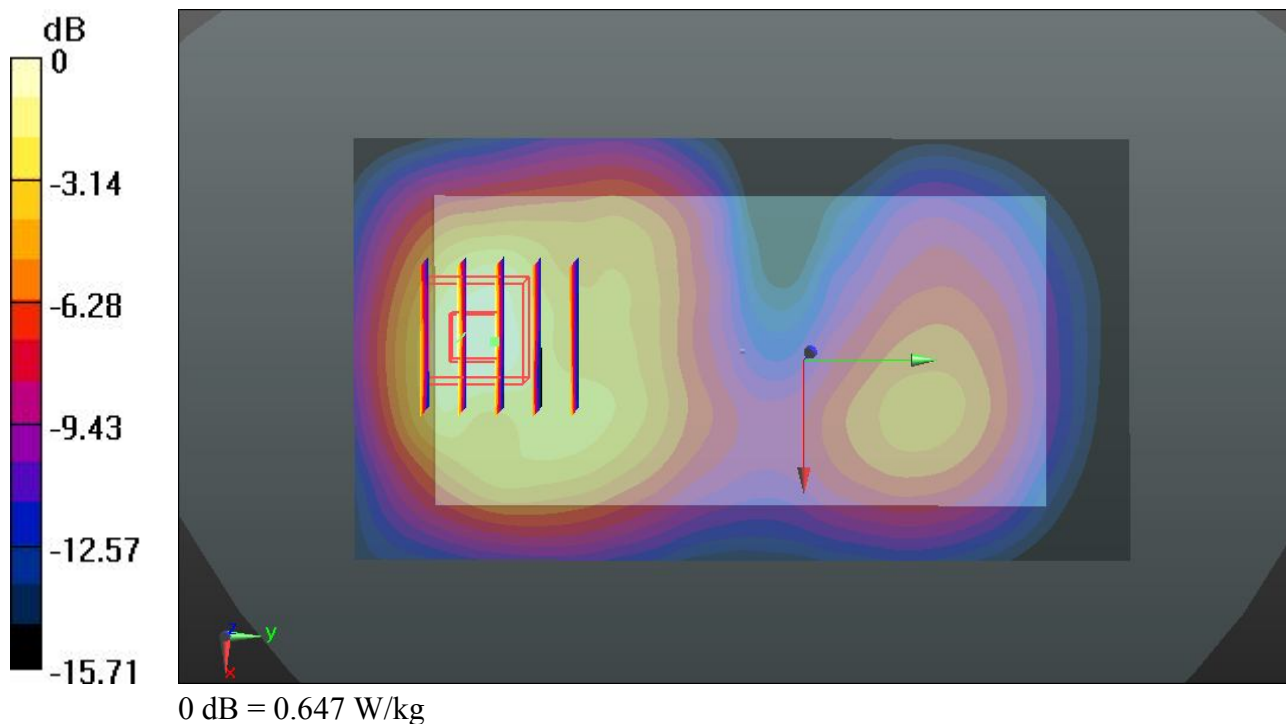
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.857 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.863 mW/g

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.647 W/kg



07 GSM1900_GPRS(2 Tx slots)_Left Side_1cm_Ch512**DUT: 381405**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (51x111x1): Interpolated grid: dx=15mm, dy=15mm

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

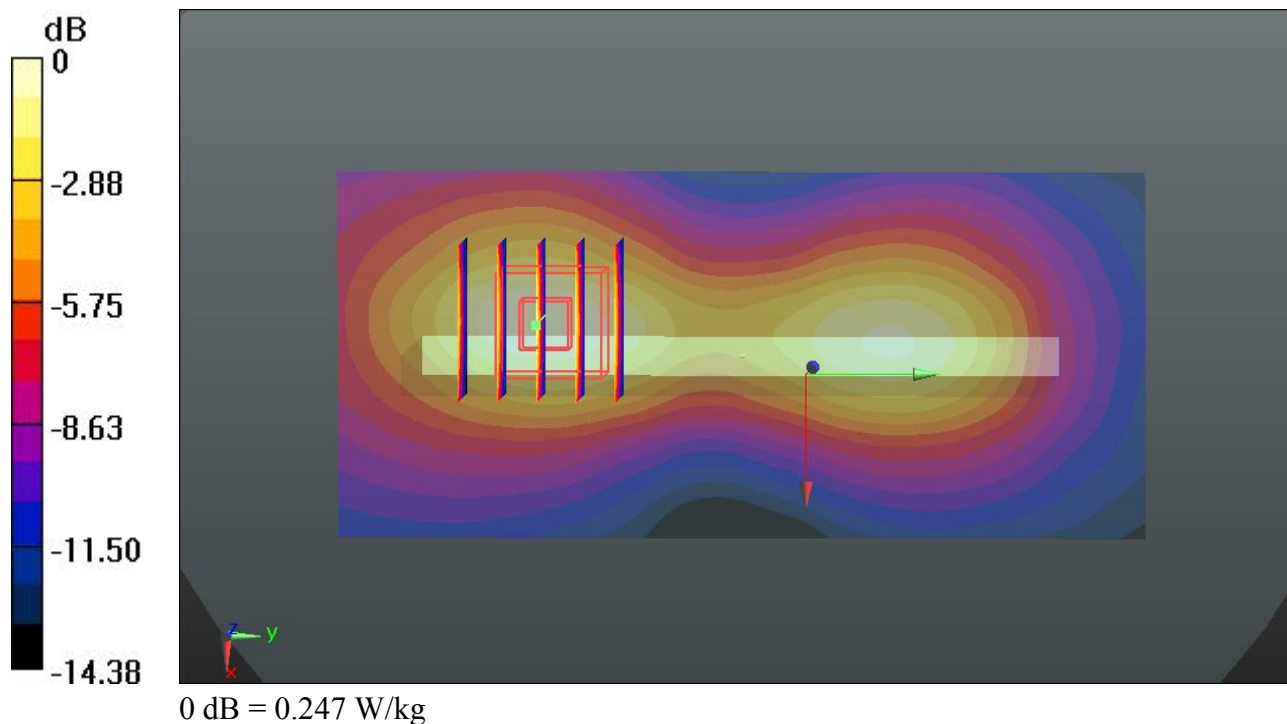
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.981 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.298 mW/g

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.110 mW/g

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



08 GSM1900_GPRS(2 Tx slots)_Right Side_1cm_Ch512**DUT: 381405**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (51x111x1): Interpolated grid: dx=15mm, dy=15mm

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

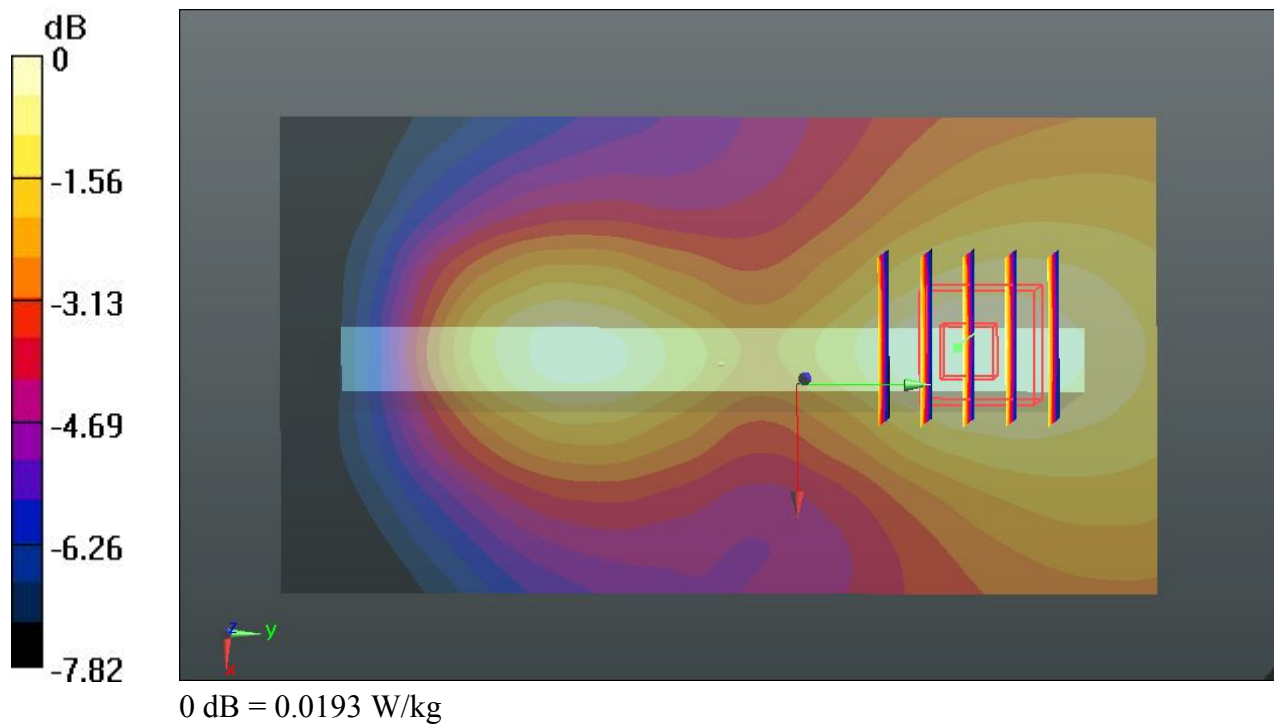
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.713 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.020 mW/g

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.0193 W/kg



09 GSM1900_GPRS(2 Tx slots)_Bottom Side_1cm_Ch512**DUT: 381405**

Communication System: GPRS/EDGE10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$ 54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.523 W/kg

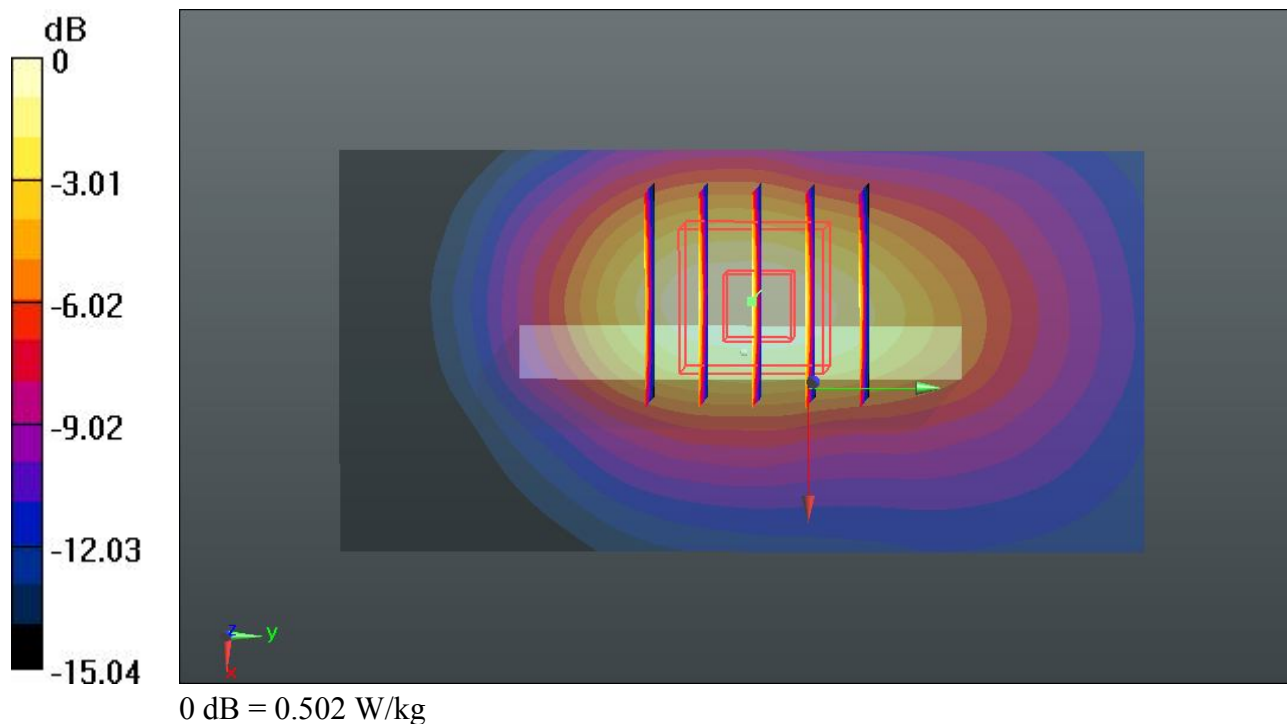
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.492 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.599 mW/g

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.217 mW/g

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



10 GSM1900_GSM Voice_Front_1cm_Ch512**DUT: 381405**

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

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$

54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.245 W/kg

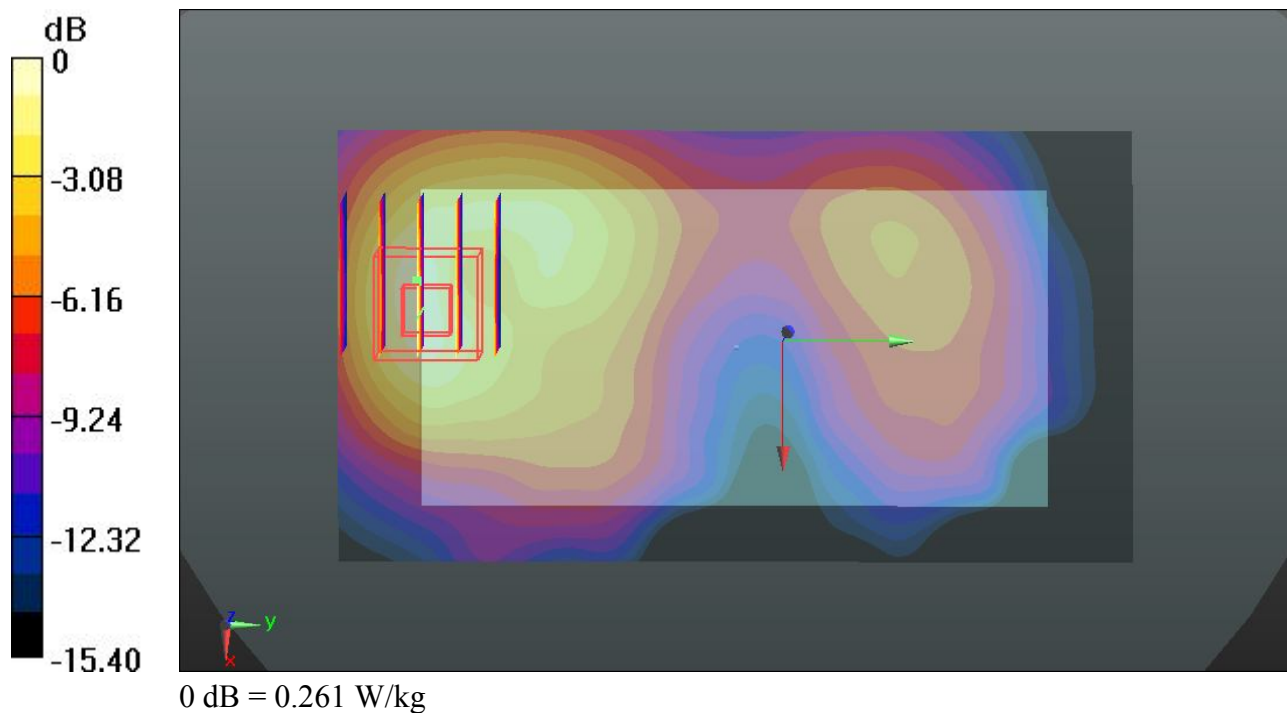
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.198 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.335 mW/g

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

Maximum value of SAR (measured) = 0.261 W/kg



11 GSM1900_GSM Voice_Back_1cm_Ch512**DUT: 381405**

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

Medium: MSL_1900_130815 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r =$

54.748; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Ch512/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.328 W/kg

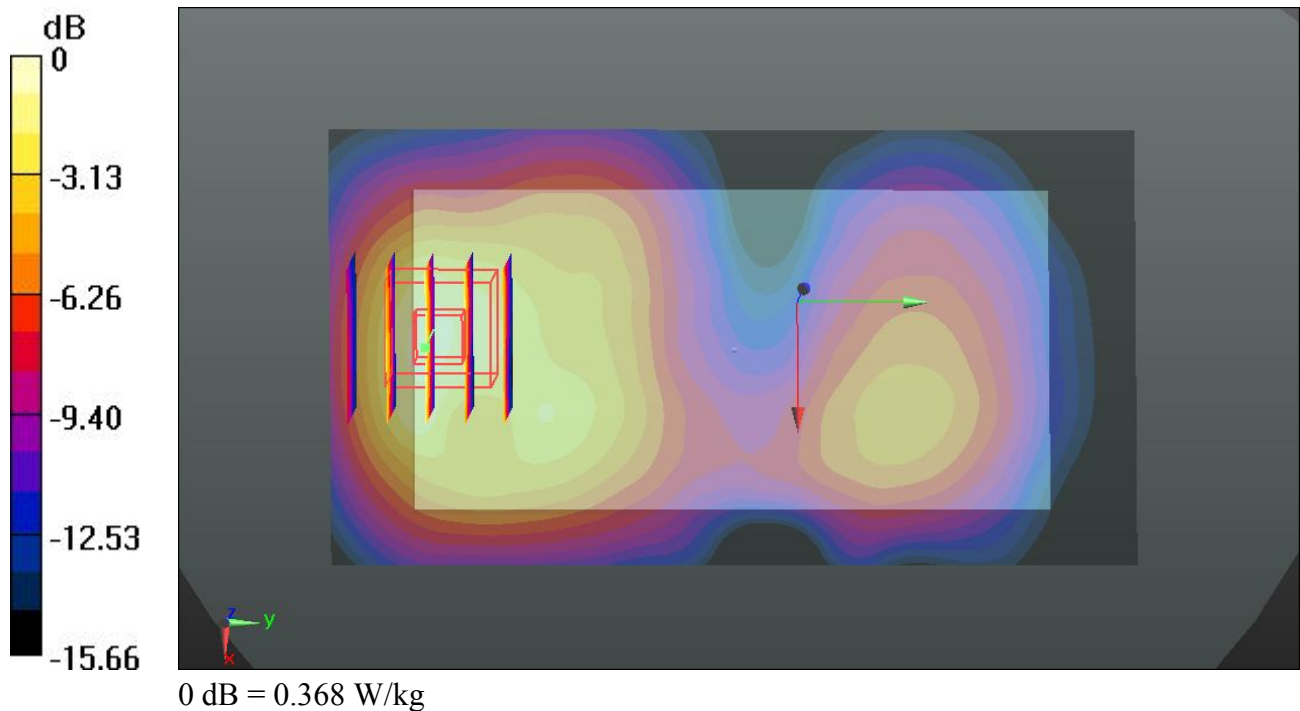
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.909 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.463 mW/g

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.153 mW/g

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



16 WLAN2.4G_802.11b_Front_1cm_Ch11**DUT: 381405**

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

Medium: MSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

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

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0171 W/kg

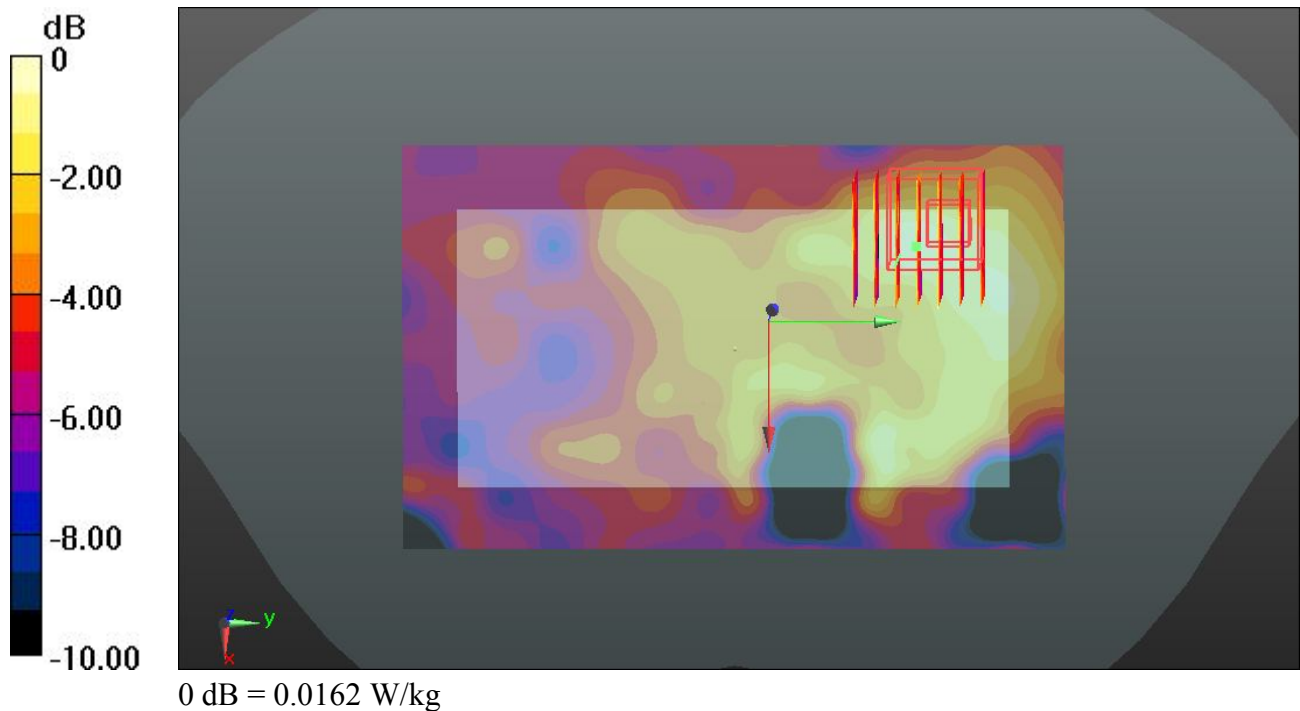
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.897 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.020 mW/g

SAR(1 g) = 0.00812 mW/g; SAR(10 g) = 0.00508 mW/g

Maximum value of SAR (measured) = 0.0162 W/kg



17 WLAN2.4G_802.11b_Back_1cm_Ch11**DUT: 381405**

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

Medium: MSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

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

Ch11/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0535 W/kg

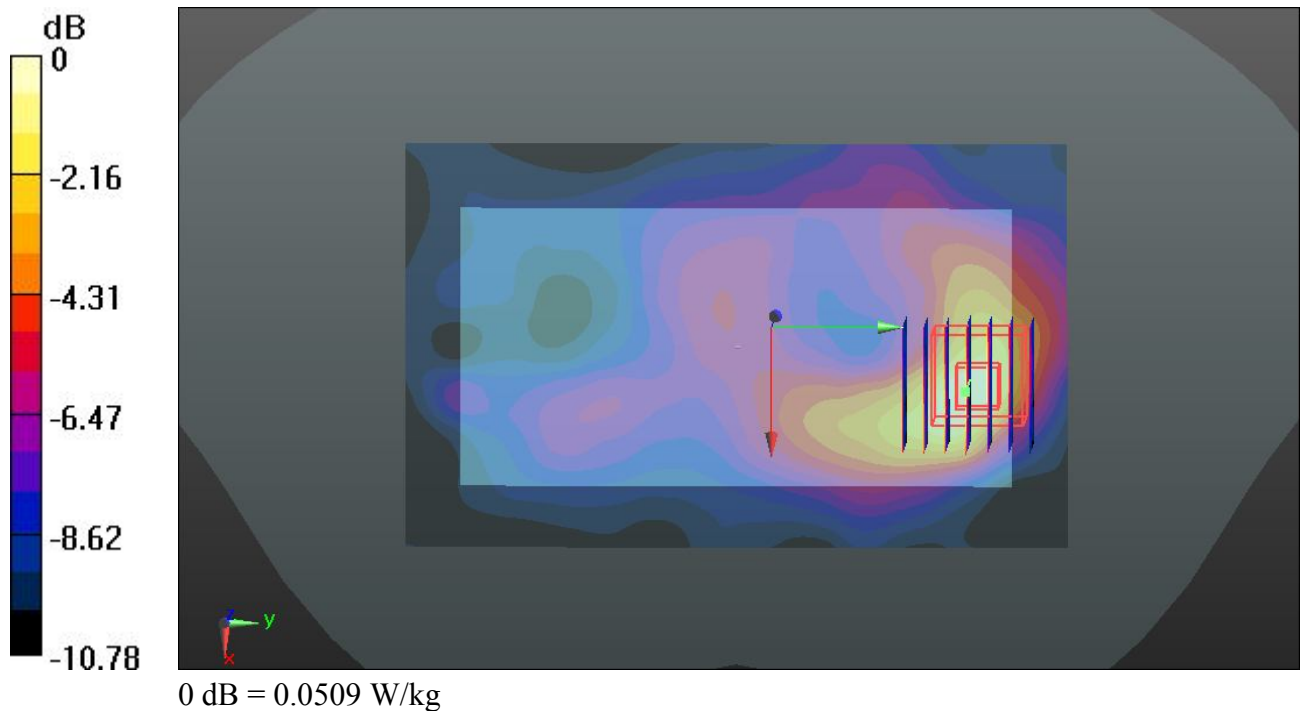
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.139 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.065 mW/g

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.0509 W/kg



18 WLAN2.4G_802.11b_Left Side_1cm_Ch11**DUT: 381405**

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

Medium: MSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

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

Ch11/Area Scan (41x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0153 W/kg

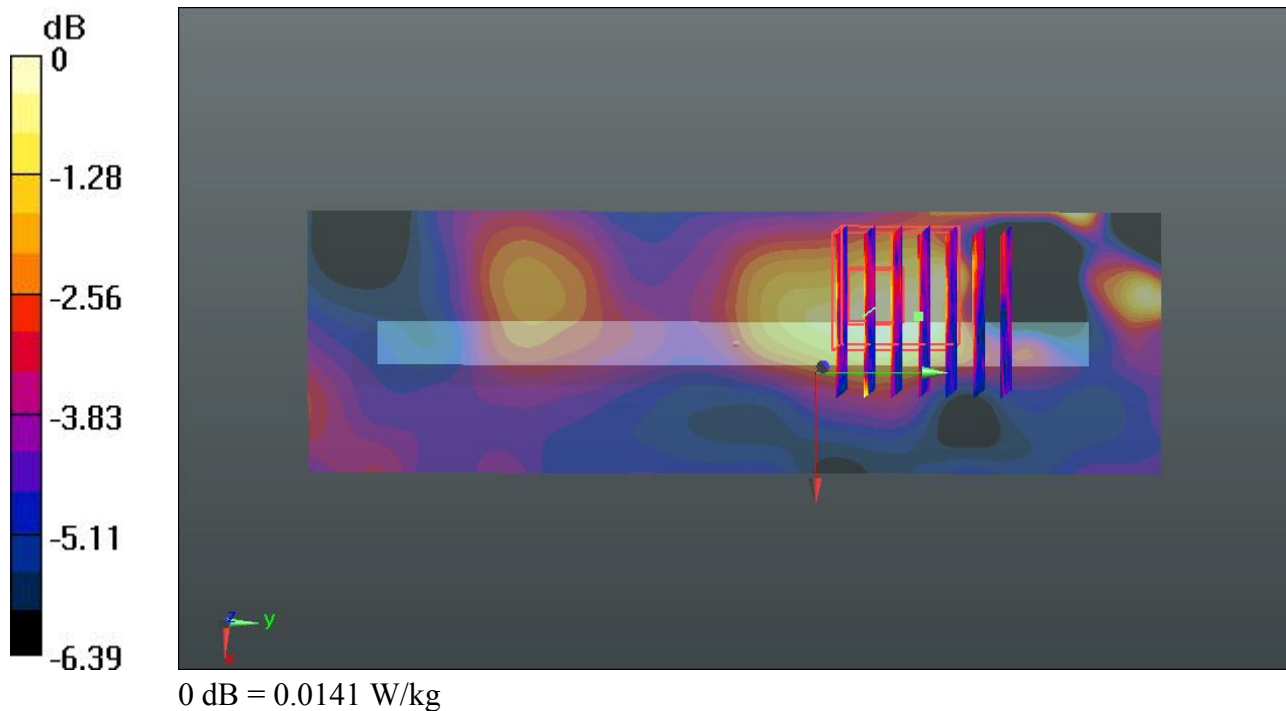
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.547 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.017 mW/g

SAR(1 g) = 0.00956 mW/g; SAR(10 g) = 0.0065 mW/g

Maximum value of SAR (measured) = 0.0141 W/kg



19 WLAN2.4G_802.11b_Top Side_1cm_Ch11**DUT: 381405**

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

Medium: MSL_2450_130817 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r =$

51.623; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

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

Ch11/Area Scan (41x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0382 W/kg

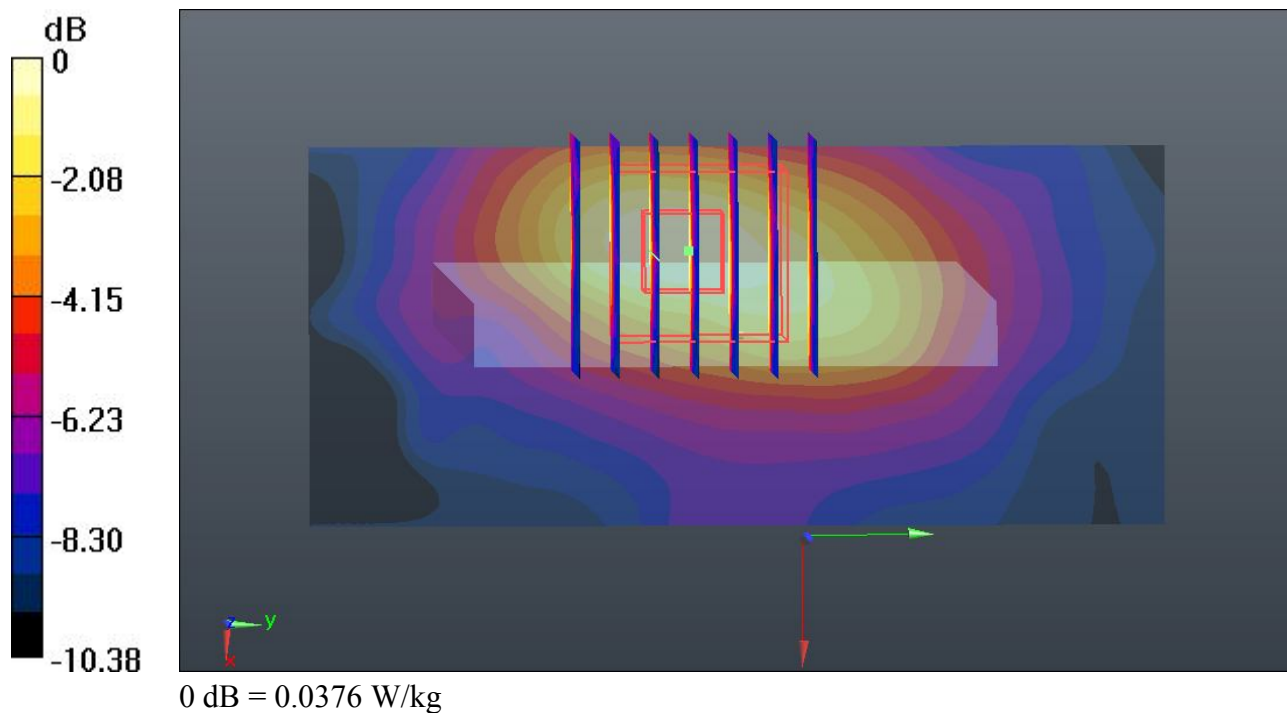
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.512 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.049 mW/g

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.0376 W/kg



32 Bluetooth_DH5_Front_1cm_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r =$

51.558; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °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)

Ch78/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0117 W/kg

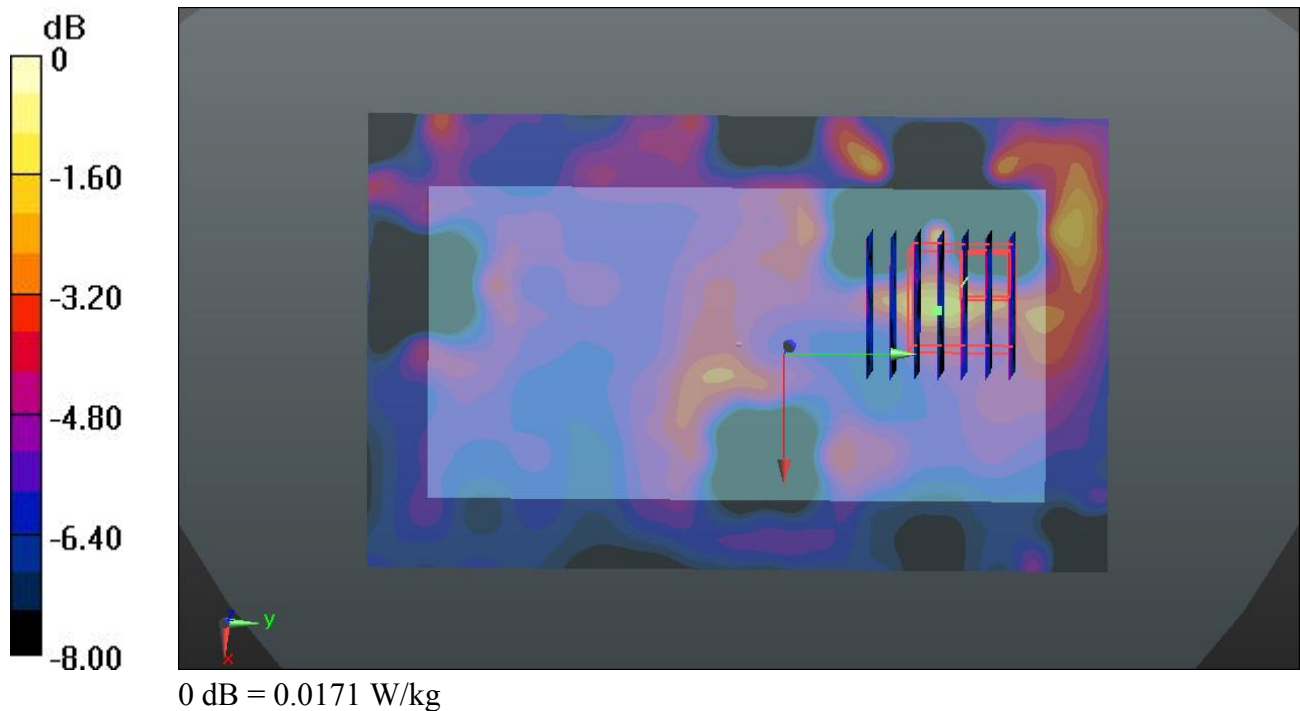
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.807 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.016 mW/g

SAR(1 g) = 0.00514 mW/g; SAR(10 g) = 0.00149 mW/g

Maximum value of SAR (measured) = 0.0171 W/kg



33 Bluetooth_DH5_Back_1cm_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r =$

51.558; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °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)

Ch78/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0352 W/kg

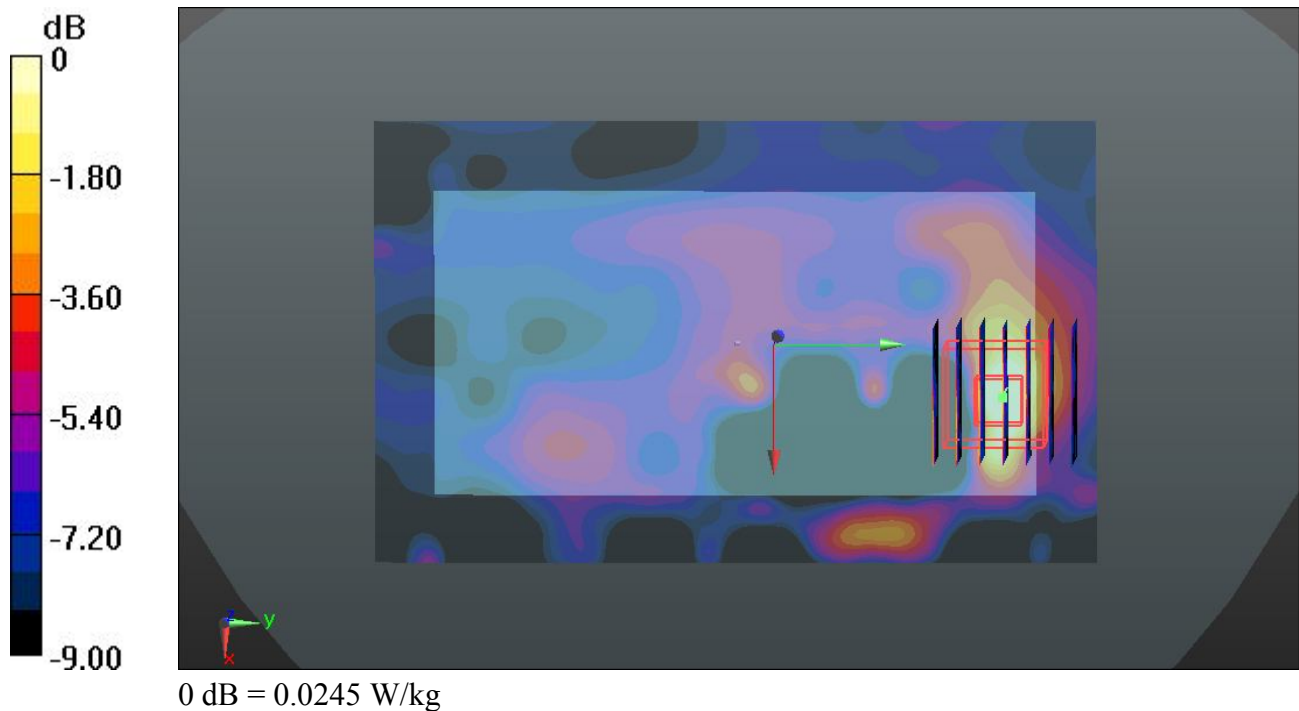
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.642 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.030 mW/g

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00843 mW/g

Maximum value of SAR (measured) = 0.0245 W/kg



34 Bluetooth_DH5_Left Side_1cm_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r =$

51.558; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °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)

Ch78/Area Scan (61x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0111 W/kg

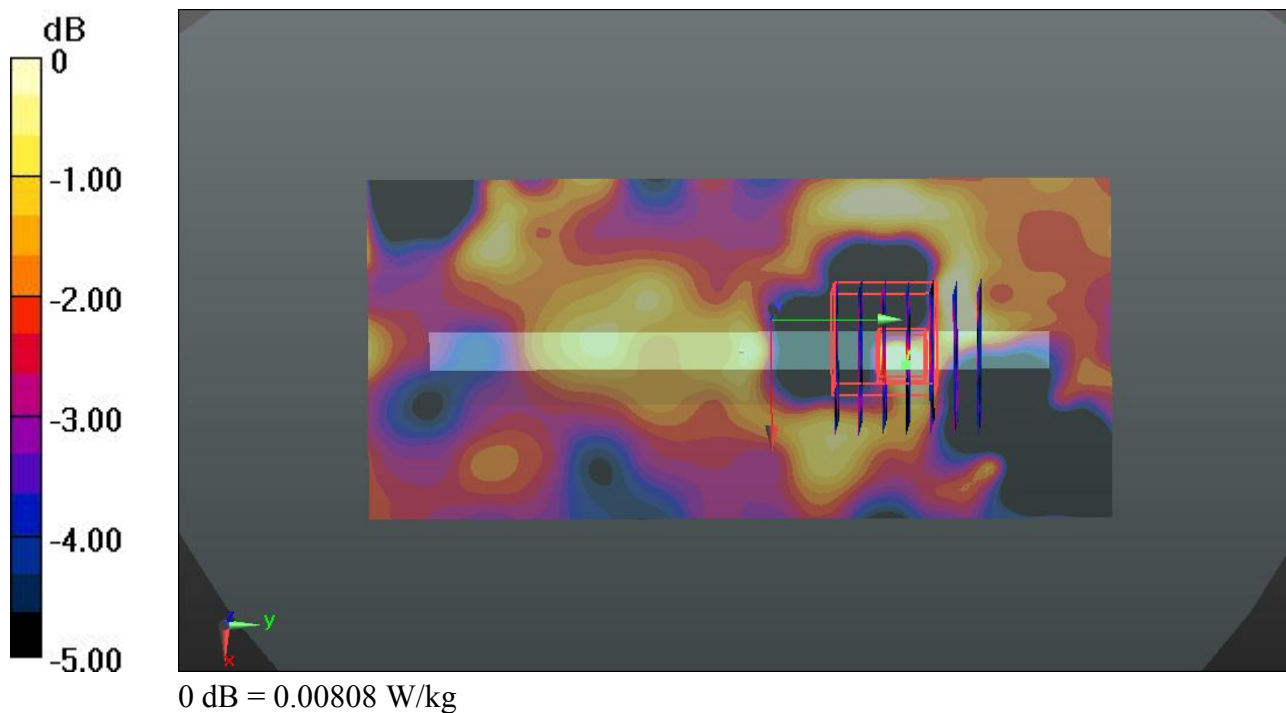
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.835 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.011 mW/g

SAR(1 g) = 0.00536 mW/g; SAR(10 g) = 0.00386 mW/g

Maximum value of SAR (measured) = 0.00808 W/kg



35 Bluetooth_DH5_Top Side_1cm_Ch78**DUT: 381405**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_130817 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.988$ mho/m; $\epsilon_r =$

51.558; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °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)

Ch78/Area Scan (51x91x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0193 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.106 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.026 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0078 mW/g

Maximum value of SAR (measured) = 0.0237 W/kg

