

Test Laboratory: BTL Inc.

Date: 2021/12/16

U13_UMTS B2_RMC12.2K_CH9538_Front Face_1.0cm

DUT: Watch;

Communication System: UID 0, UMTS-FDD(WCDMA) (0);

Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1907.6$ MHz; $\sigma = 1.466$ S/m; $\epsilon_r = 38.870$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.8, 7.8, 7.8) @ 1907.6 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

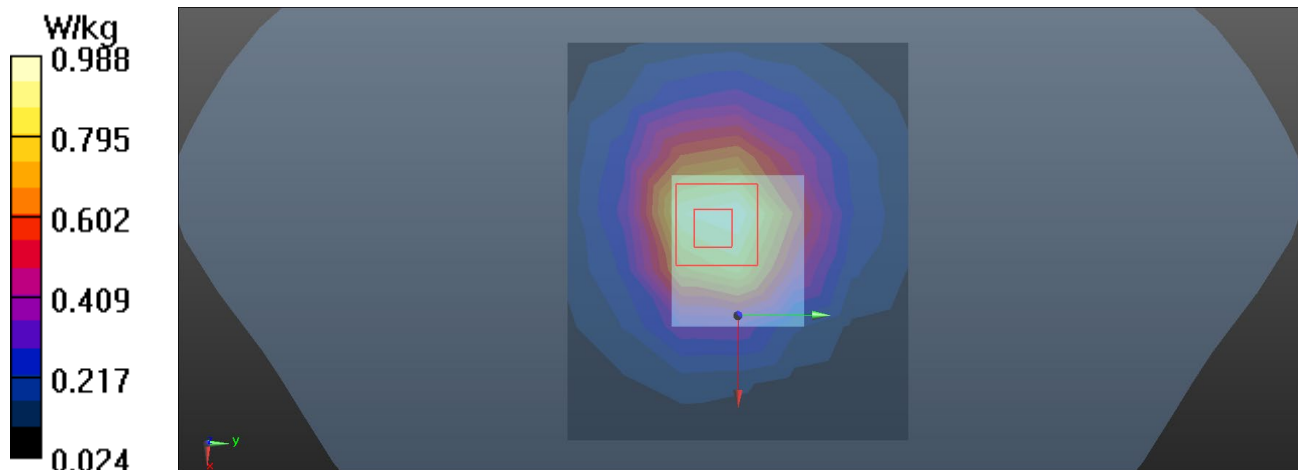
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.465 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/12/9

U16_UMTS B5_RMC12.2K_CH4182_Front Face_1.0cm

DUT: Watch;

Communication System: UID 0, UMTS-FDD(WCDMA) (0);

Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.265$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.4 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.311 W/kg

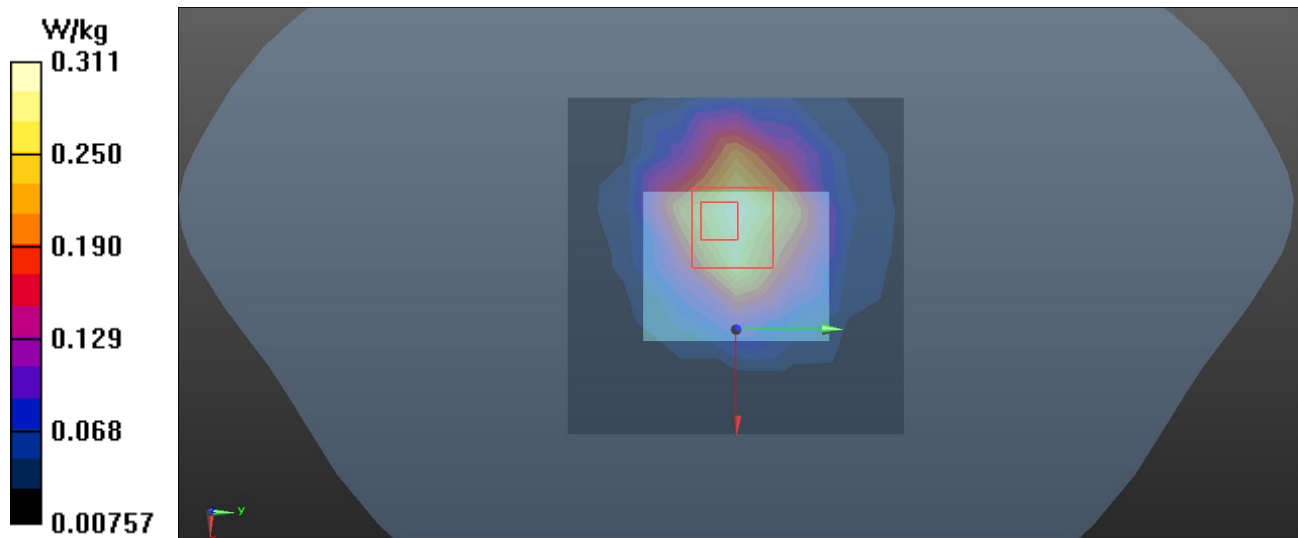
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.435 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.348 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.306 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/16

L32_LTE B2_QPSK20M_CH18900_1RB_50 offset_Front Face_1.0cm

DUT: Watch;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.445 \text{ S/m}$; $\epsilon_r = 38.993$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY Configuration:

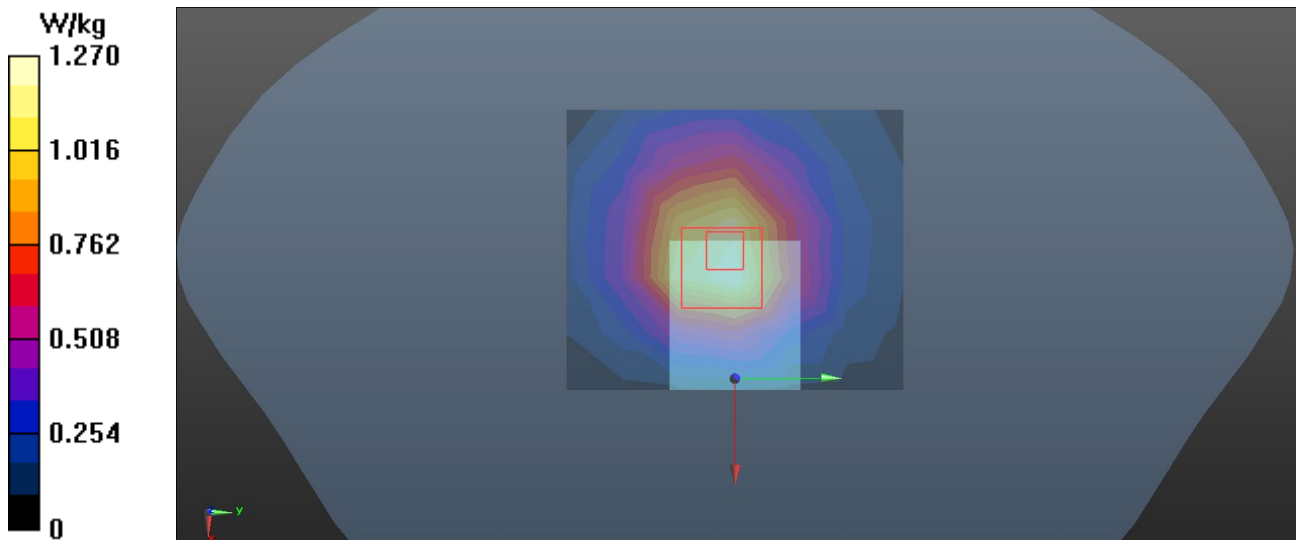
- Probe: EX3DV4 - SN3809; ConvF(7.8, 7.8, 7.8) @ 1800 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.27 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.94 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 0.995 W/kg ; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (measured) = 1.34 W/kg


Test Laboratory: BTL Inc.

Date: 2021/12/13

L37_LTE B4_QPSK20M_CH20175_1RB_0 offset_Front Face_1.0cm**DUT: Watch;**

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 39.811$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.03, 8.03, 8.03) @ 1732.5 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.974 W/kg

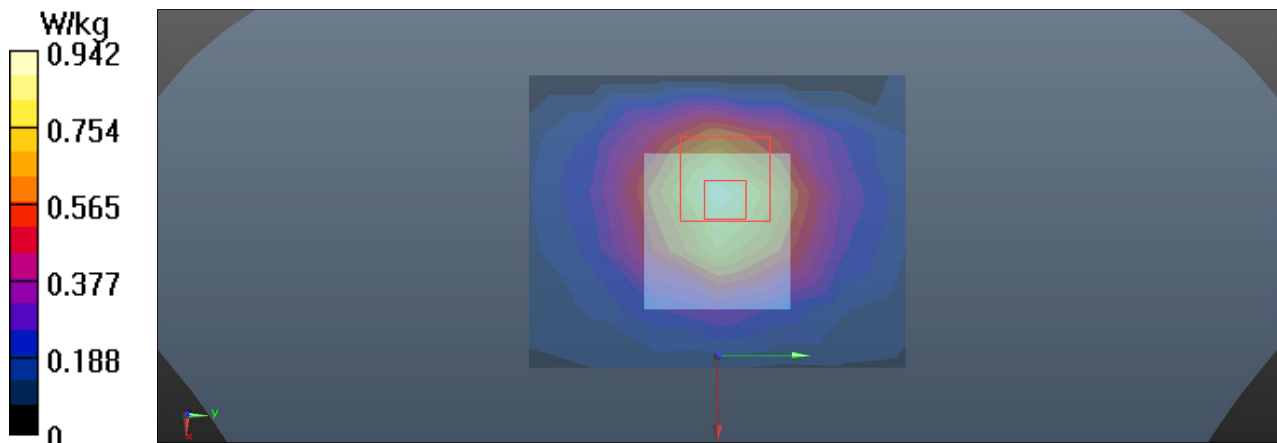
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.70 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.423 W/kg

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



Test Laboratory: BTL Inc.

Date: 2021/12/9

L44_LTE B5_QPSK10M_CH20525_1RB_24 offset_Front Face_1.0cm

DUT: Watch;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.264$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.301 W/kg

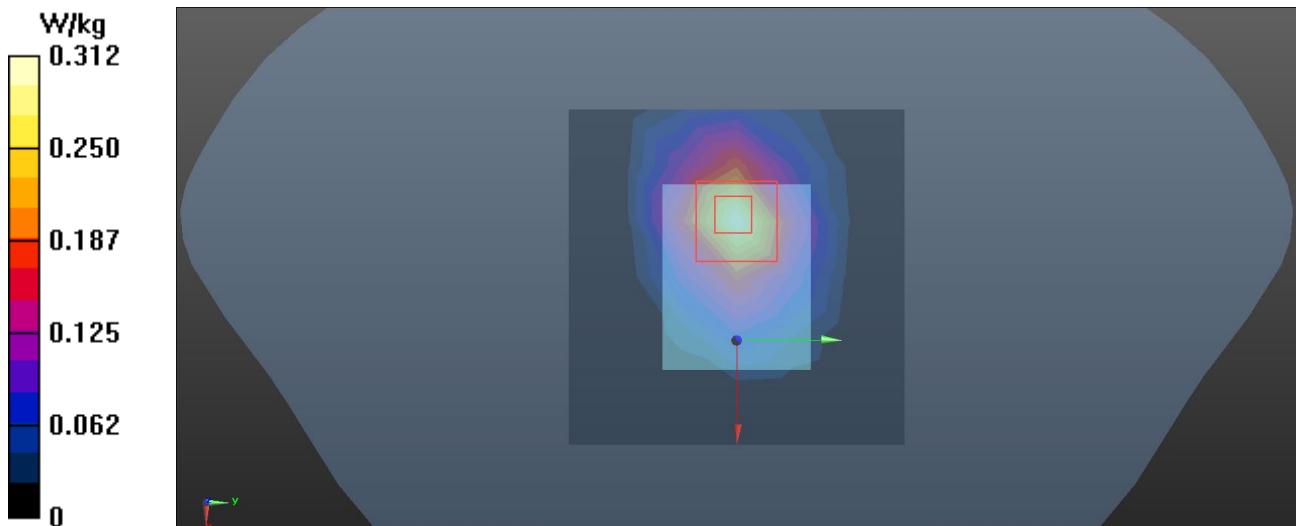
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.677 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.312 W/kg



Test Laboratory: BTL Inc.

Date: 2021/12/7

L48_LTE B12_QPSK10M_CH23095_1RB_24 offset_Front Face_1.0cm

DUT: Watch;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0);

Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.286$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0100 W/kg

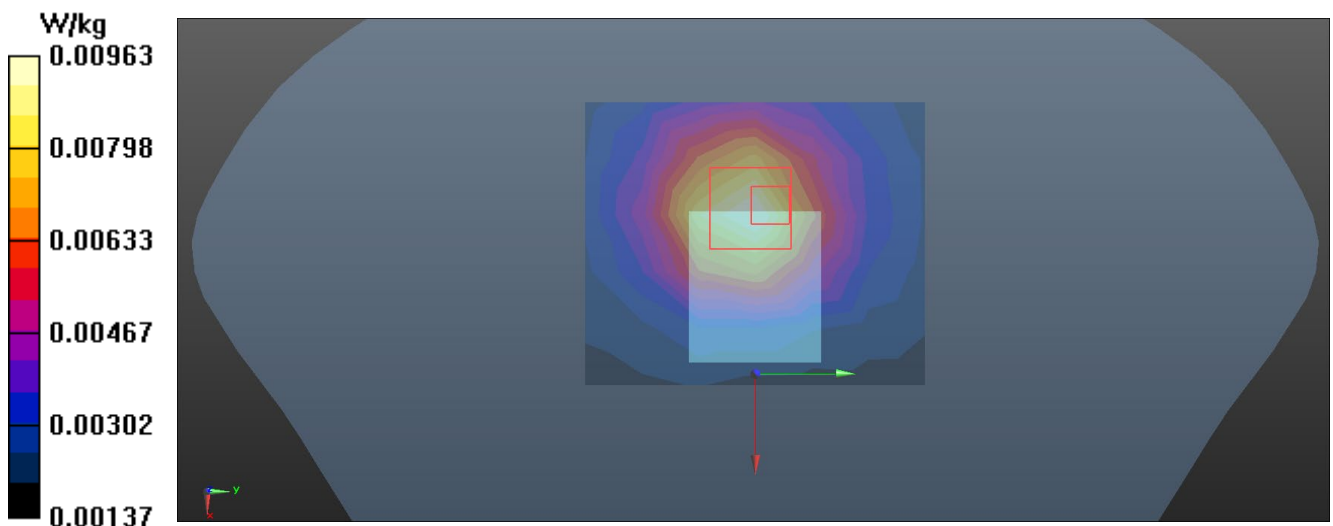
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.800 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.007 W/kg; SAR(10 g) = 0.005 W/kg

Maximum value of SAR (measured) = 0.00963 W/kg



Test Laboratory: BTL.Inc

Date: 2021/12/18

W10_802.11b_CH11_Front Face_1.0cm

DUT: Watch;

Communication System: UID 0, 802.11b (0);

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.876$ S/m; $\epsilon_r = 37.542$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.35, 7.35, 7.35) @ 2462 MHz; Calibrated: 2021/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn760; Calibrated: 2021/10/26
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (9x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0244 W/kg

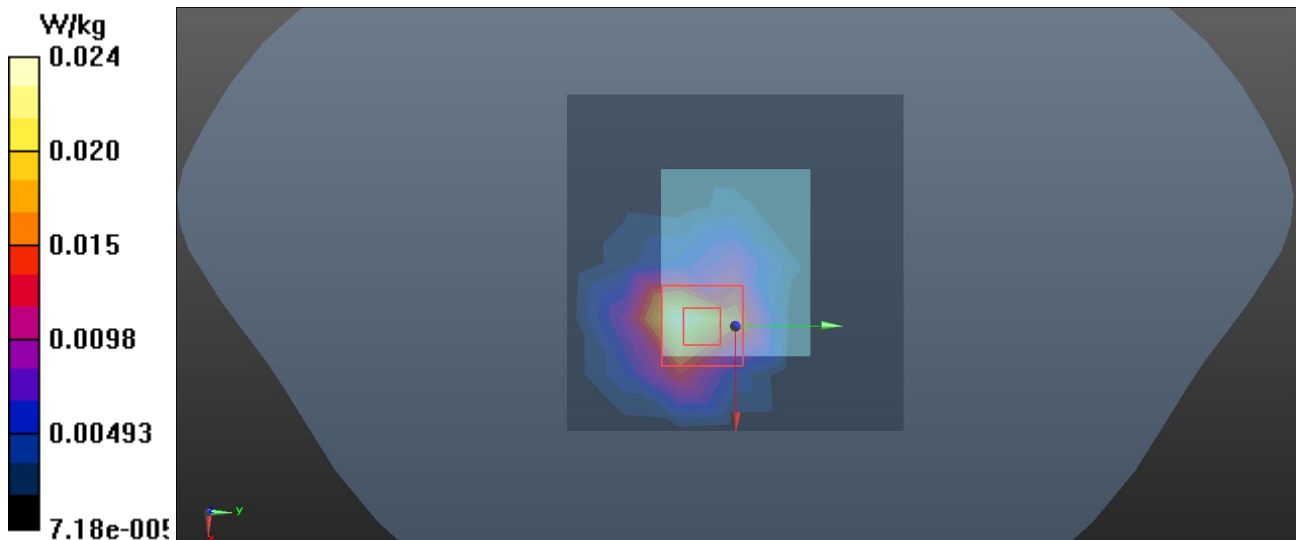
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.082 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.005 W/kg

Maximum value of SAR (measured) = 0.0209 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/28

U01_UMTS B2_RMC12.2K_CH9400_Rear Face_0cm**DUT: Watch;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 39.129$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 8.09 W/kg

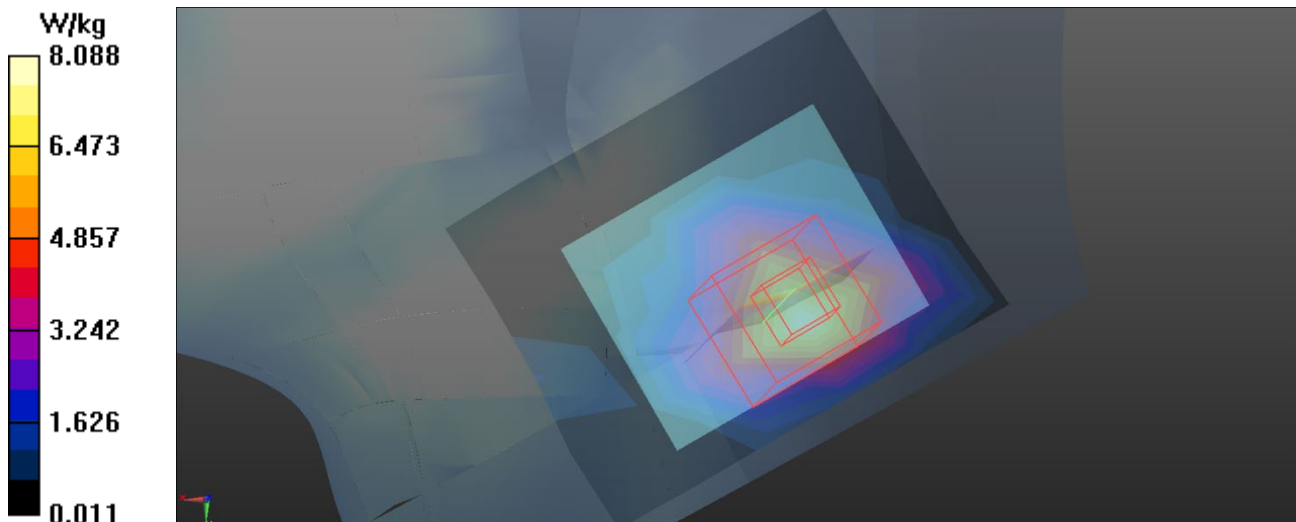
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.7490 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 6.59 W/kg; SAR(10 g) = 3.44 W/kg

Maximum value of SAR (measured) = 9.58 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/27

U09_UMTS B5_RMC12.2K_CH4233_Rear Face_0cm

DUT: Watch;

Communication System: UID 0, UMTS-FDD(WCDMA) (0);

Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 40.571$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 846.6 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 2.43 W/kg

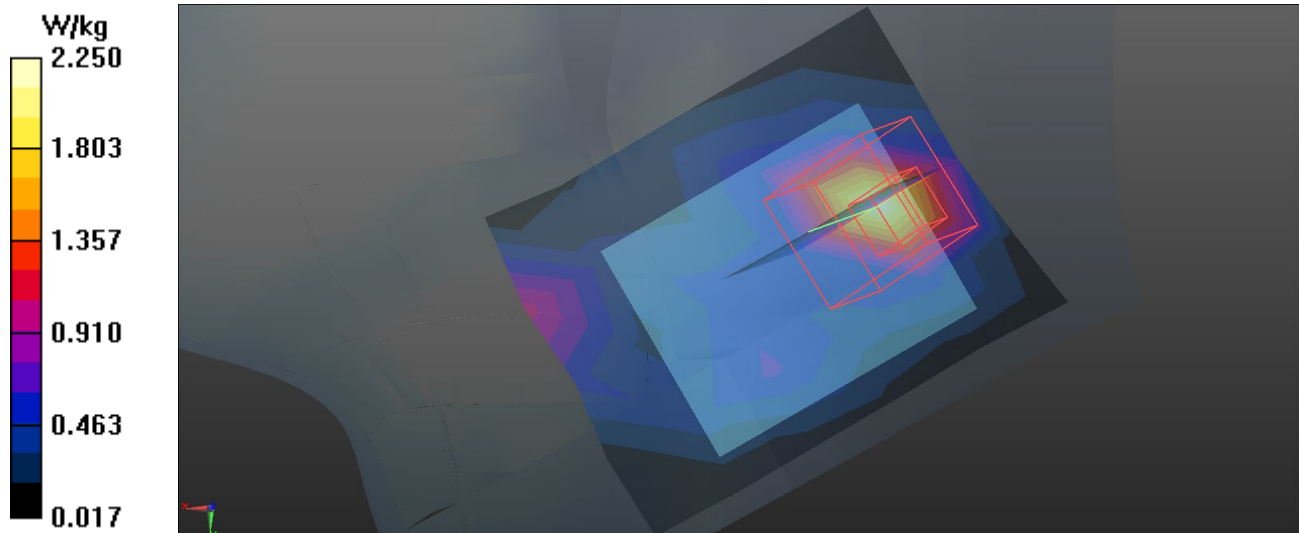
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.4520 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.07 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 2.25 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/28

L03_LTE B2_QPSK20M_CH18900_1RB_50 offset_Rear Face_0cm

DUT: Watch;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0);

Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1880 \text{ MHz}$; $\sigma = 1.437 \text{ S/m}$; $\epsilon_r = 39.129$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.2 \text{ }^\circ\text{C}$; Liquid Temperature: $22.5 \text{ }^\circ\text{C}$

DASY Configuration:

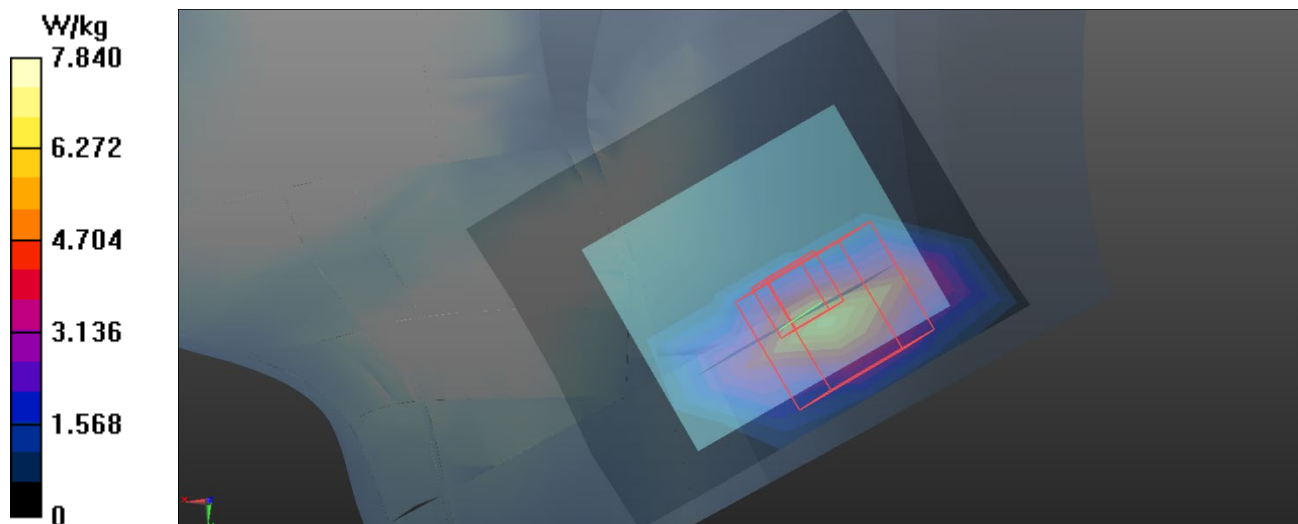
- Probe: EX3DV4 - SN3974; ConvF(8.48, 8.48, 8.48) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: S/N:1811
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 6.65 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.7820 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 4.92 W/kg ; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 7.84 W/kg


Test Laboratory: BTL.Inc

Date: 2021/11/30

L10_LTE B4_QPSK20M_CH20175_1RB_0 offset_Rear Face_0cm

DUT: Watch;

Communication System: UID 0, LTE FDD (0);

Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.016$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.8, 8.8, 8.8) @ 1732.5 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 5.33 W/kg

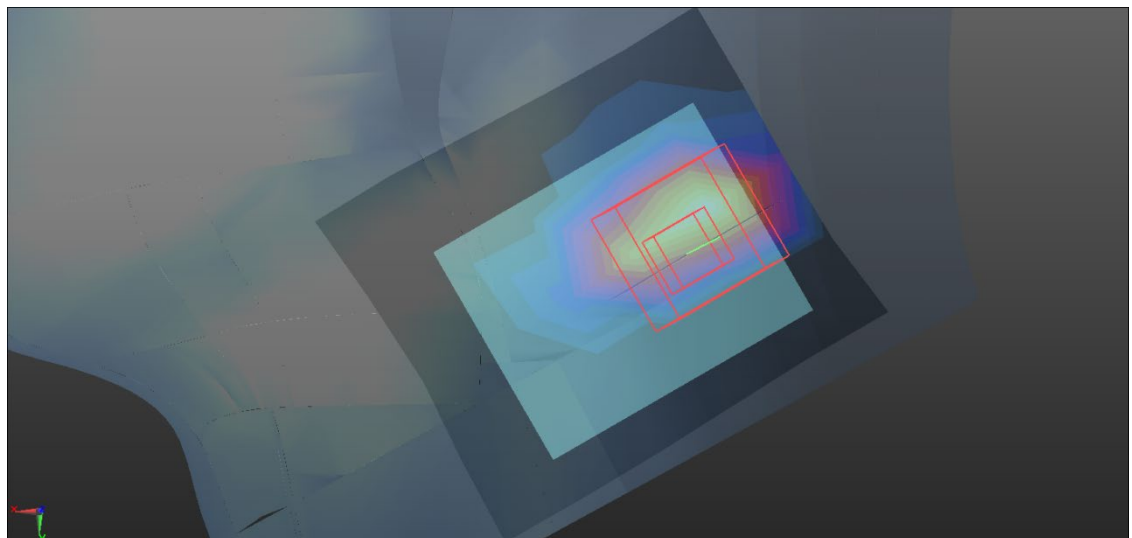
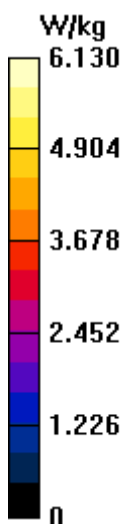
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.397 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 8.19 W/kg

SAR(1 g) = 4.48 W/kg; SAR(10 g) = 2.46 W/kg

Maximum value of SAR (measured) = 6.13 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/27

L19_LTE B5_QPSK10M_CH20525_1RB_24 offset_Rear Face_0cm

DUT: Watch;

Communication System: UID 0, LTE-FDD(100% RB, 10MHz, QPSK) (0);

Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 40.613$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.02, 6.02, 6.02) @ 836.5 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x7x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.94 W/kg

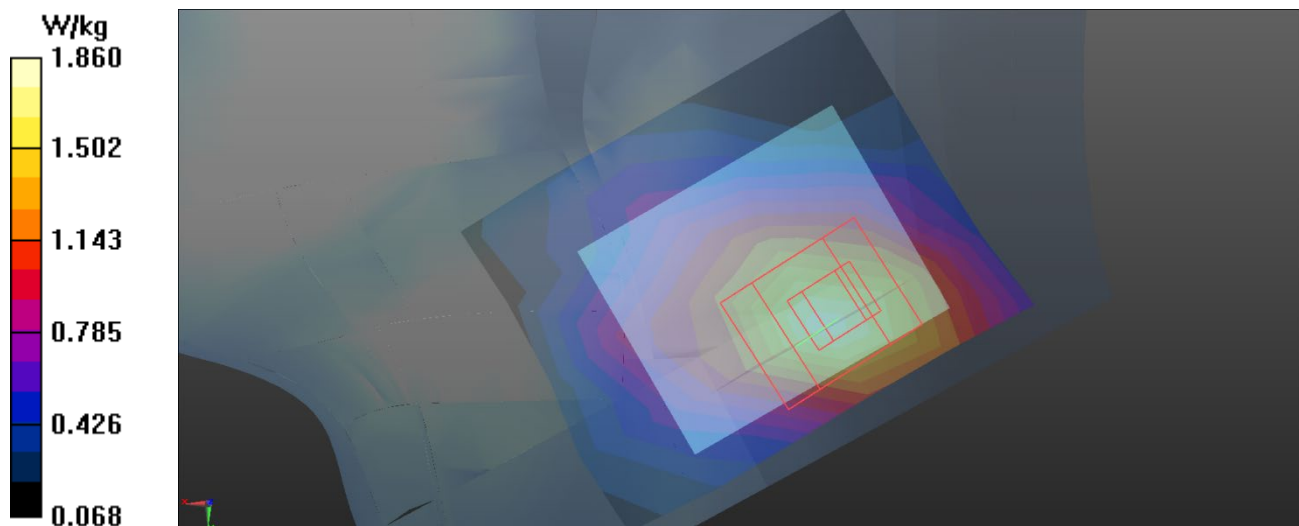
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.36 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.721 W/kg

Maximum value of SAR (measured) = 1.86 W/kg



Test Laboratory: BTL Inc.

Date: 2021/11/27

L26_LTE B12_QPSK10M_CH23095_1RB_24 offset_Rear Face_0cm

DUT: Watch;

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);

Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 41.449$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: ES3DV3 - SN3162; ConvF(6.31, 6.31, 6.31) @ 707.5 MHz; Calibrated: 2021/6/15
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn420; Calibrated: 2020/12/9
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (5x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.679 W/kg

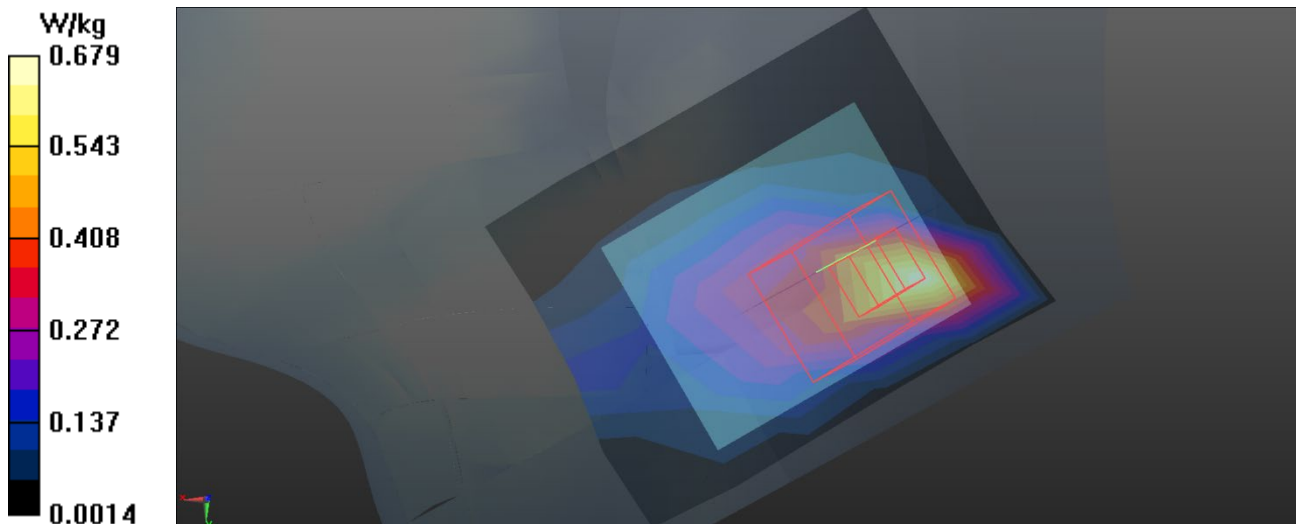
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.235 W/kg

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



Test Laboratory: BTL.Inc

Date: 2021/11/29

W07_802.11b_CH11_Rear Face_0cm**DUT: Watch;**

Communication System: UID 0, 802.11b (0);

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 39.150$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3974; ConvF(7.98, 7.98, 7.98) @ 2462 MHz; Calibrated: 2020/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2020/12/11
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (7x8x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0688 W/kg

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

Reference Value = 4.610 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0716 W/kg

