

Test Laboratory: BTL Inc.

Date: 04/02/2016

T08_GSM 850_GSM_CH190_Right Cheek_ANT 1_Battery 5

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 837$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.23$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

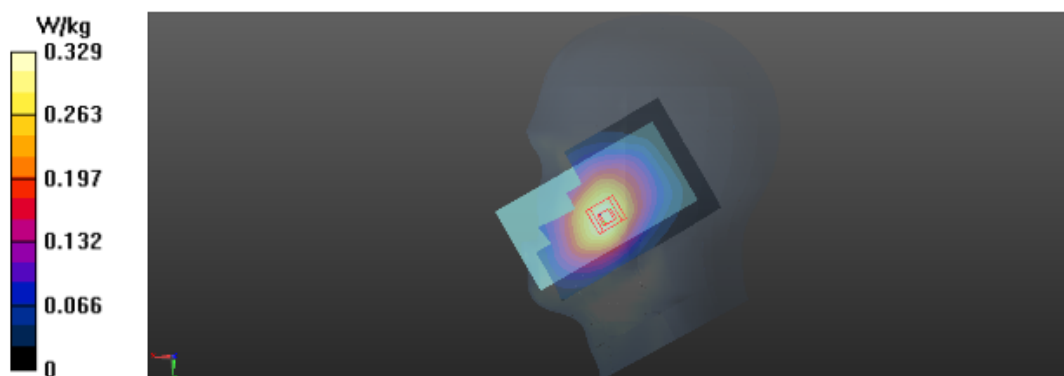
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.405 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



Test Laboratory: BTL Inc.

Date: 04/02/2016

T09_GSM 850_GSM_CH190_Right Cheek_ANT 2

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 837$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.23$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

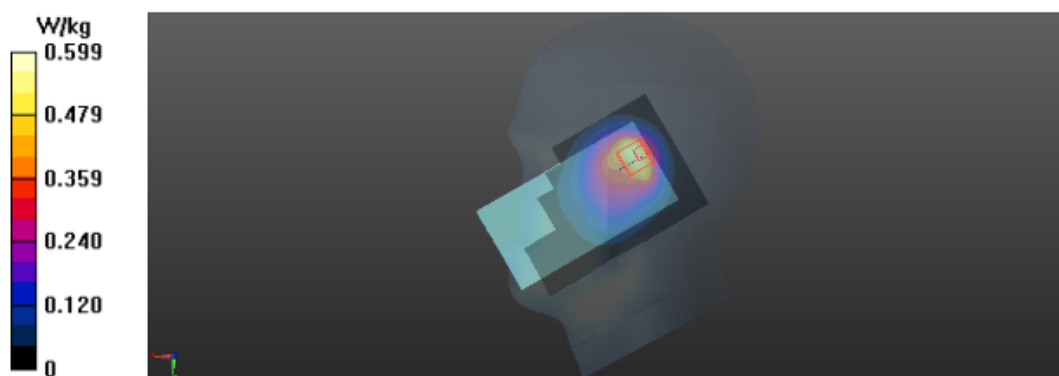
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.76 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.543 W/kg



Test Laboratory: BTL Inc.

Date: 04/03/2016

T19_GSM 1900_GSM_CH661_Left Cheek_ANT 1

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.879$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.228 W/kg

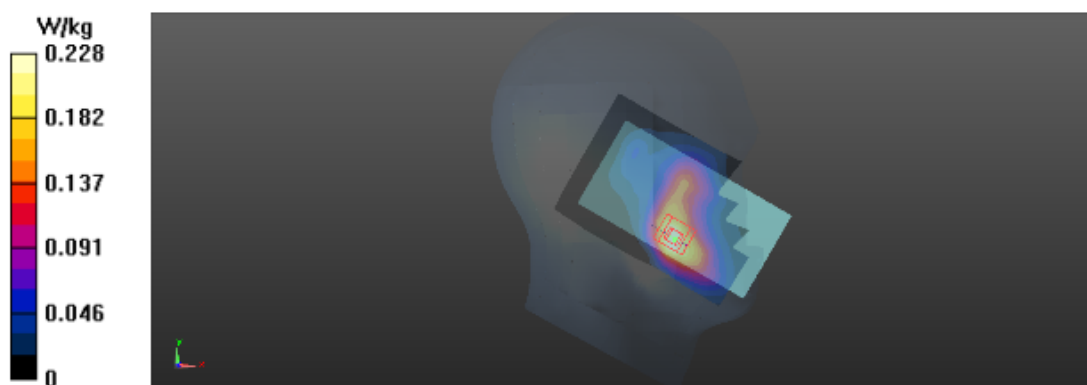
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.704 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



Test Laboratory: BTL Inc.

Date: 04/03/2016

T29_GSM 1900_GSM_CH661_Right Cheek_ANT 2_Battery 2

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.879$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.748 W/kg

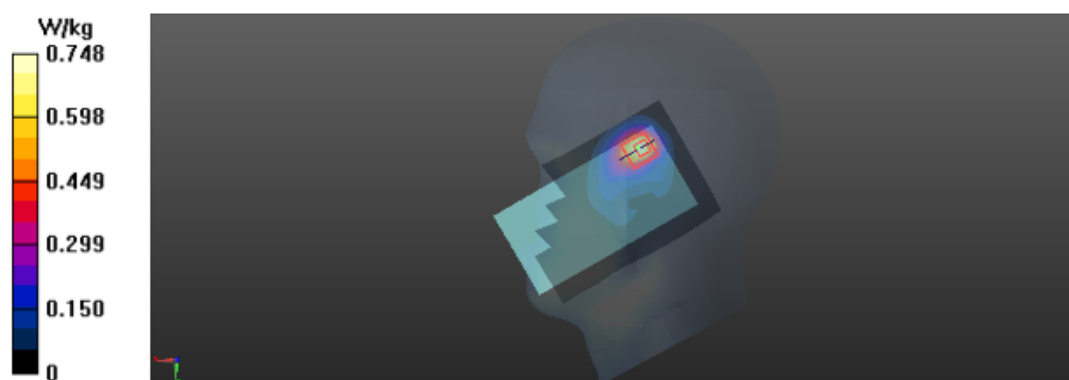
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.595 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.649 W/kg



Test Laboratory: BTL Inc.

Date: 04/03/2016

T35_WCDMA B2_RMC 12.2K_CH9400_Left Cheek_ANT 1

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.879$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.374 W/kg

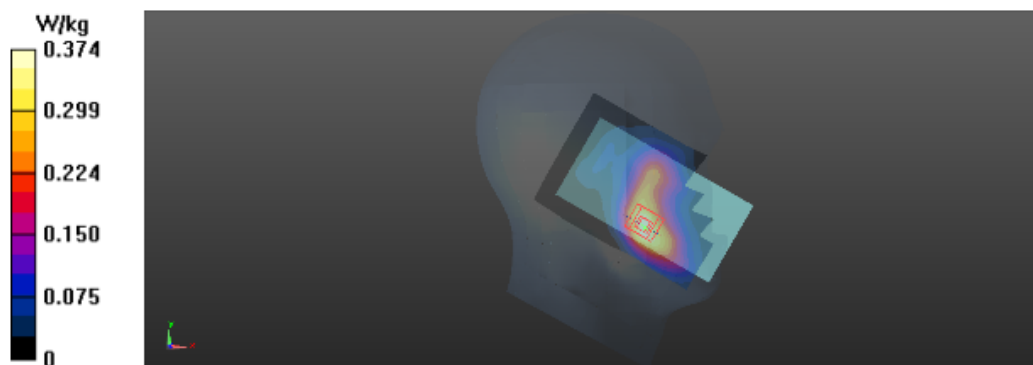
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.630 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.210 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/03/2016

T45_WCDMA B2_RMC 12.2K_CH9400_Right Cheek_ANT 2_Battery2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.879$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.656 W/kg

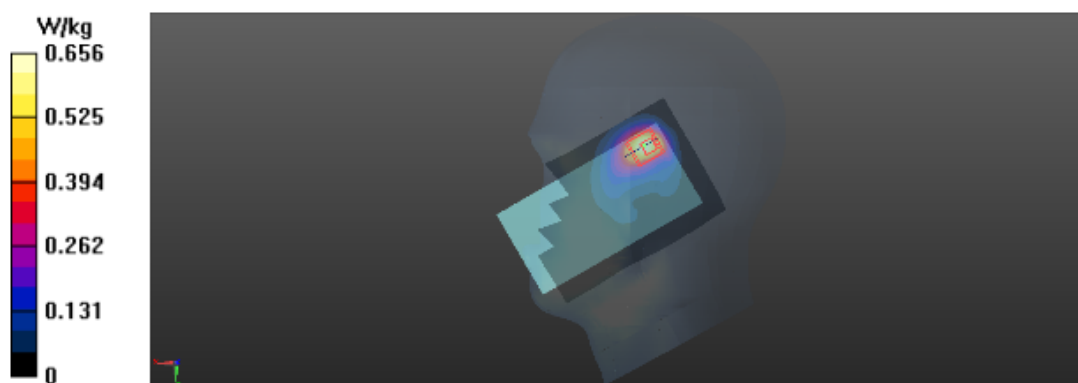
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.761 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



Test Laboratory: BTL Inc.

Date: 04/05/2016

T56_WCDMA B4_RMC 12.2K_CH1413_Left Cheek_ANT 1_Battery 5

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 41.601$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.451 W/kg

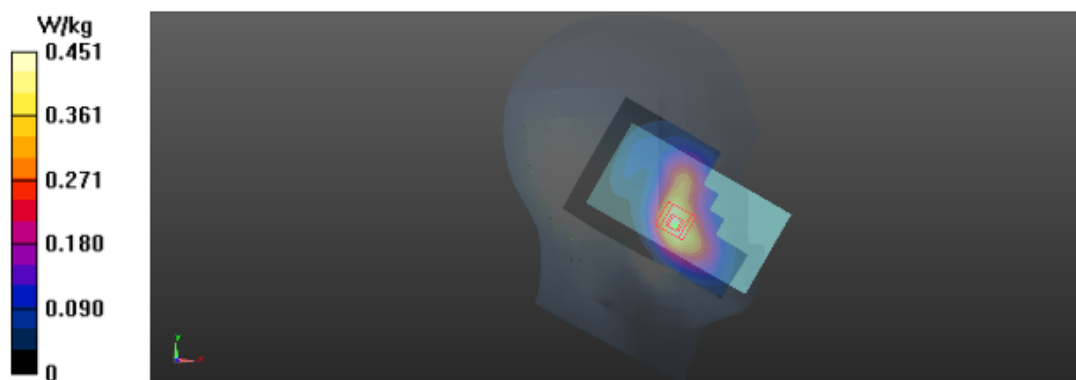
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.015 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.451 W/kg



Test Laboratory: BTL Inc.

Date: 04/05/2016

T61_WCDMA B4_RMC 12.2K_CH1413_Right Cheek_ANT 2_Battery 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 41.601$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

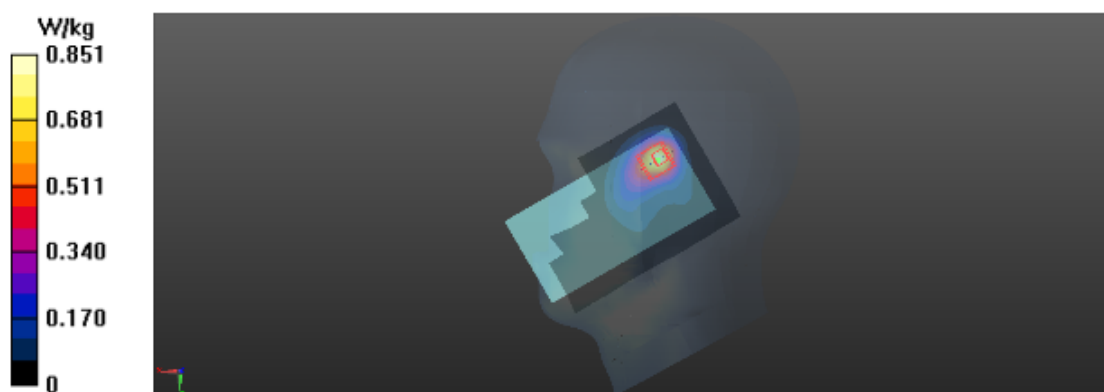
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (measured) = 0.727 W/kg



Test Laboratory: BTL Inc.

Date: 04/02/2016

T65_WCDMA B5_RMC12.2K_CH4182_Right Cheek_ANT 1

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.23$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.260 W/kg

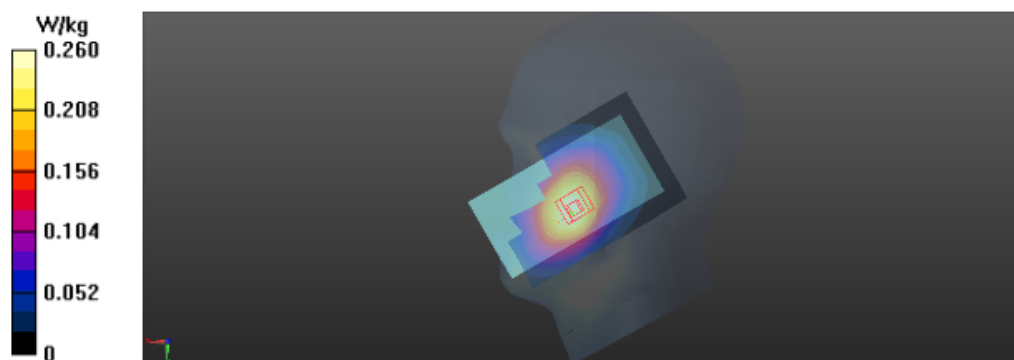
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.204 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



Test Laboratory: BTL Inc.

Date: 04/02/2016

T77_WCDMA B5_RMC12.2K_CH4182_Right Cheek_ANT 2_Battery 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.23$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.734 W/kg

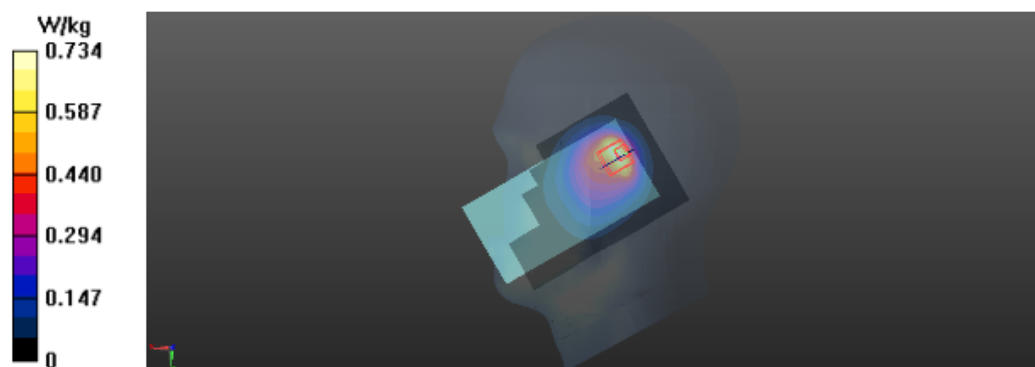
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.594 W/kg



Test Laboratory: BTL Inc.

Date: 04/03/2016

T303_LTE B2_QPSK 20M_CH18900_1RB_Left Cheek_ANT 1

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.879$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.314 W/kg

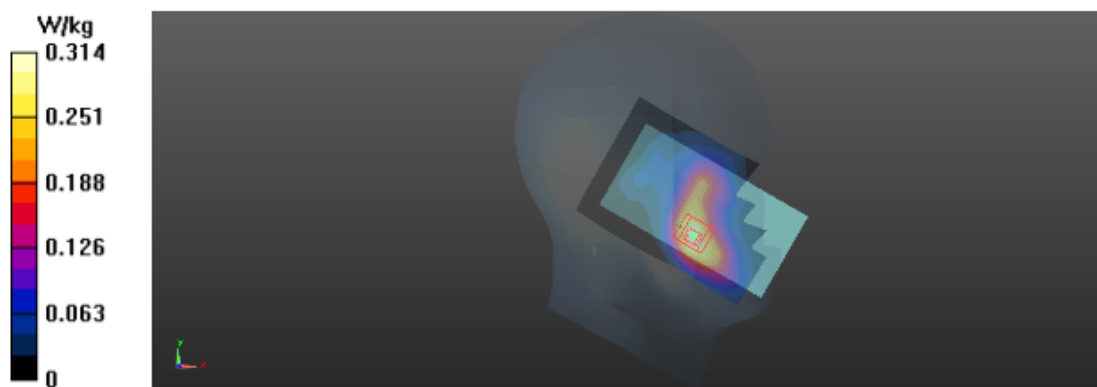
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.191 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.173 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/03/2016

T313_LTE B2_QPSK 20M_CH18900_1RB_Right Cheek_ANT 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 39.879$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.543 W/kg

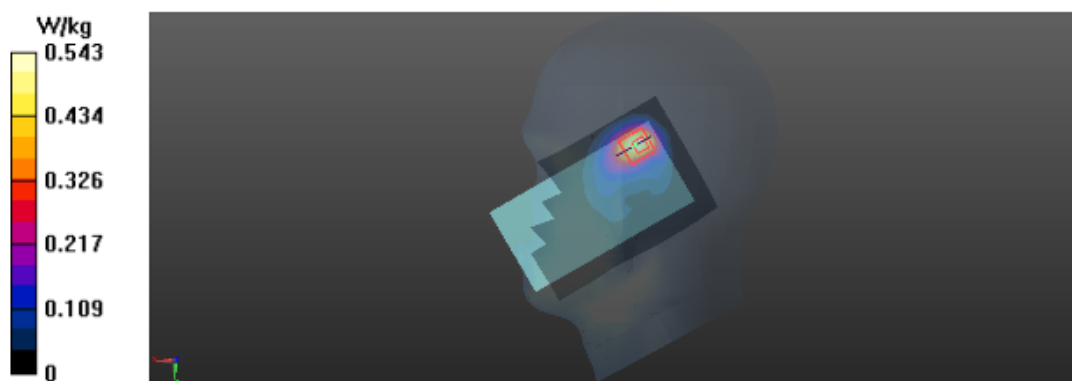
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.585 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.250 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/05/2016

T336_LTE B4_QPSK 20M_CH20175_1RB_Left Cheek_ANT 1_Battery 5

DUT: 1603C213;

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; $\sigma = 1.312$ S/m; $\epsilon_r = 41.602$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

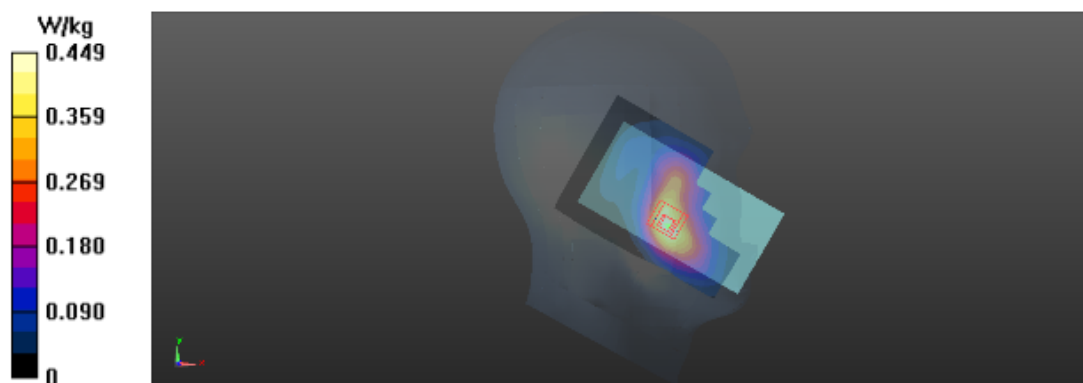
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.190 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.424 W/kg



Test Laboratory: BTL Inc.

Date: 04/05/2016

T345_LTE B4_QPSK 20M_CH20175_1RB_Right Cheek_ANT 1_Battery 2

DUT: 1603C213;

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; $\sigma = 1.312$ S/m; $\epsilon_r = 41.602$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

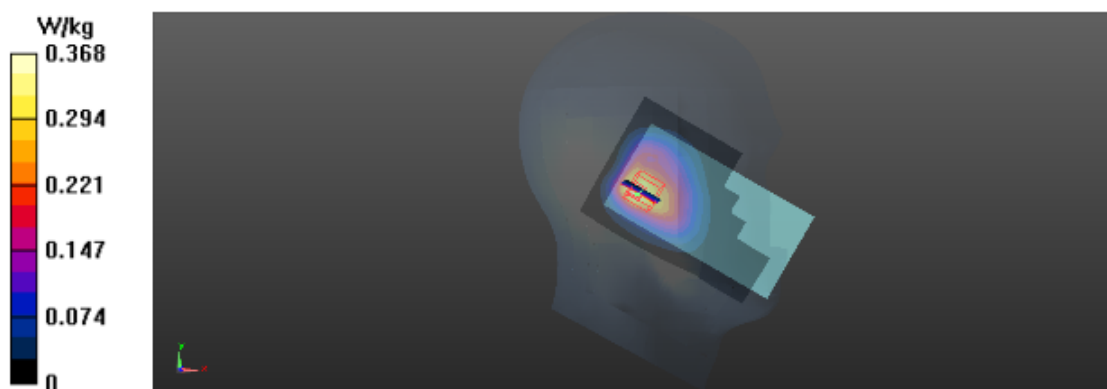
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.337 W/kg



Test Laboratory: BTL Inc.

Date: 04/02/2016

T357_LTE B5_QPSK 10M_CH20525_1RB_Right Cheek_ANT 1

DUT: 1603C213;

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; $\sigma = 0.901$ S/m; $\epsilon_r = 42.236$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

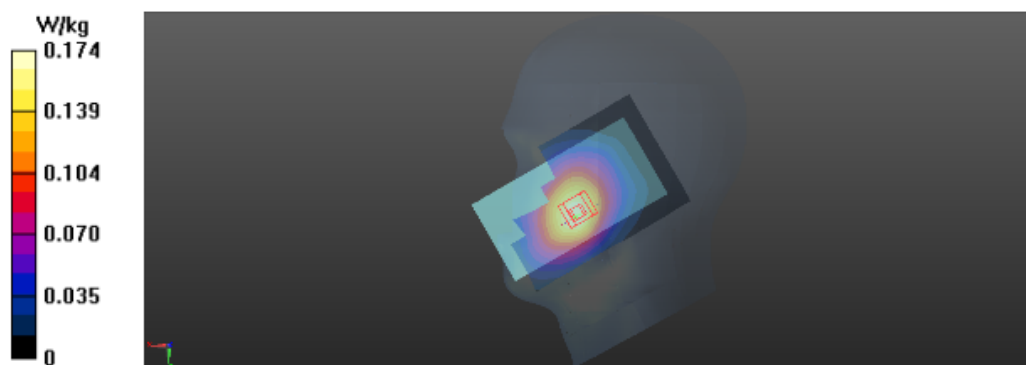
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.946 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.171 W/kg



Test Laboratory: BTL Inc.

Date: 04/02/2016

T369_LTE B5_QPSK 10M_CH20525_1RB_Right Cheek_ANT 2_Battery 2

DUT: 1603C213;

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; $\sigma = 0.901$ S/m; $\epsilon_r = 42.236$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

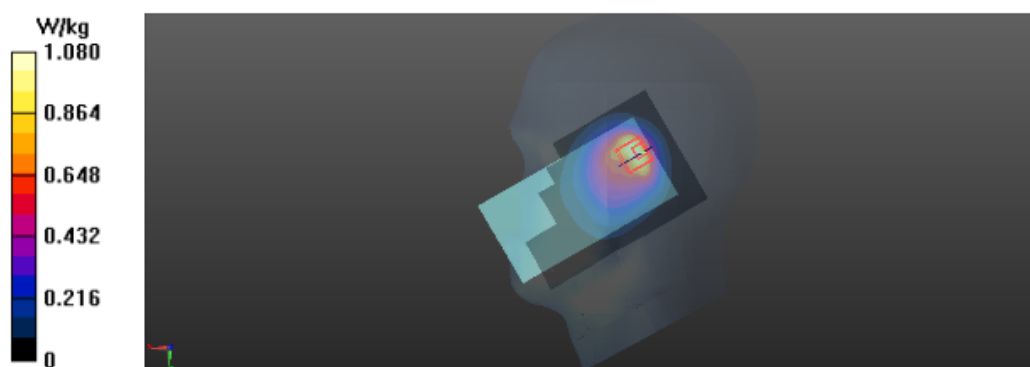
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.485 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/01/2016

T387_LTE B7_QPSK 20M_CH21100_1RB_Right Cheek_ANT 1_Battery 5

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.261$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.88, 6.88, 6.88); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.691 W/kg

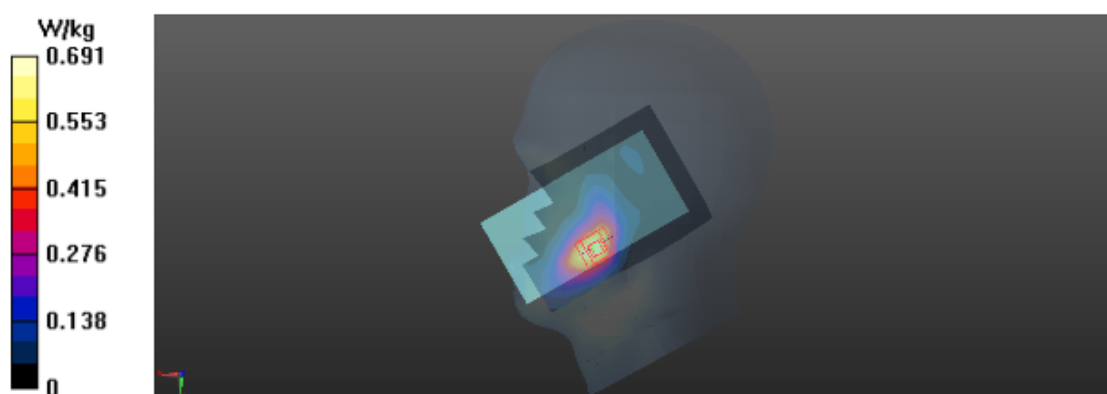
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.149 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.667 W/kg



Test Laboratory: BTL Inc.

Date: 04/01/2016

T396_LTE B7_QPSK 20M_CH21100_1RB_Right Cheek_ANT 2_Battery 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 38.261$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.88, 6.88, 6.88); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.934 W/kg

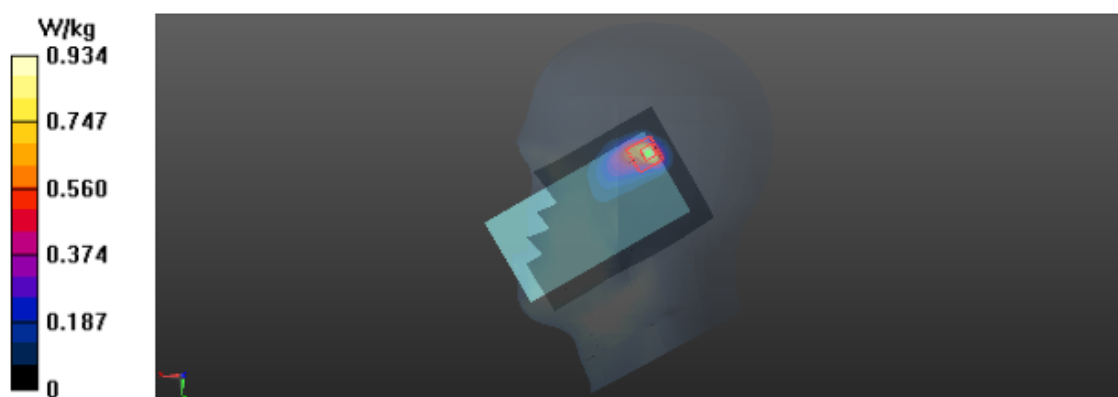
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.505 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.880 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T400_LTE B12_QPSK 10M_CH23095_1RB_Right Cheek_ANT 1

DUT: 1603C213;

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; $\sigma = 0.867$ S/m; $\epsilon_r = 41.063$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(11.06, 11.06, 11.06); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.101 W/kg

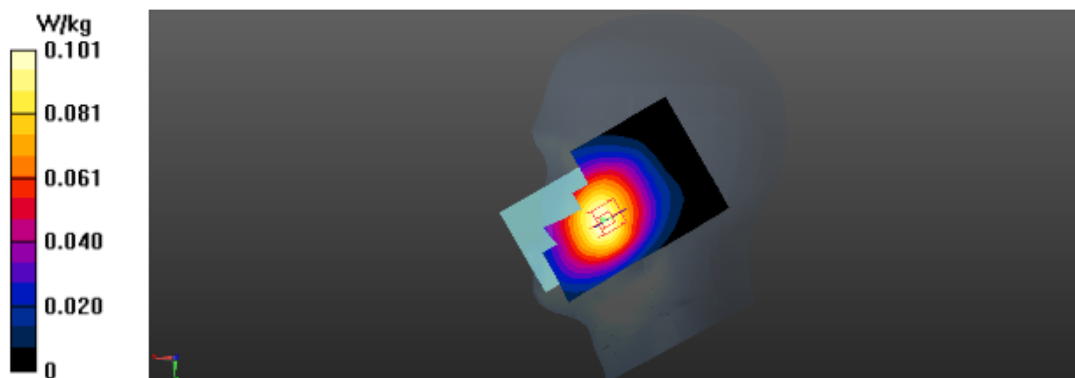
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.142 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.102 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T412_LTE B12_QPSK 10M_CH23095_1RB_Right Cheek_ANT 2

DUT: 1603C213;

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; $\sigma = 0.867$ S/m; $\epsilon_r = 41.063$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(11.06, 11.06, 11.06); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

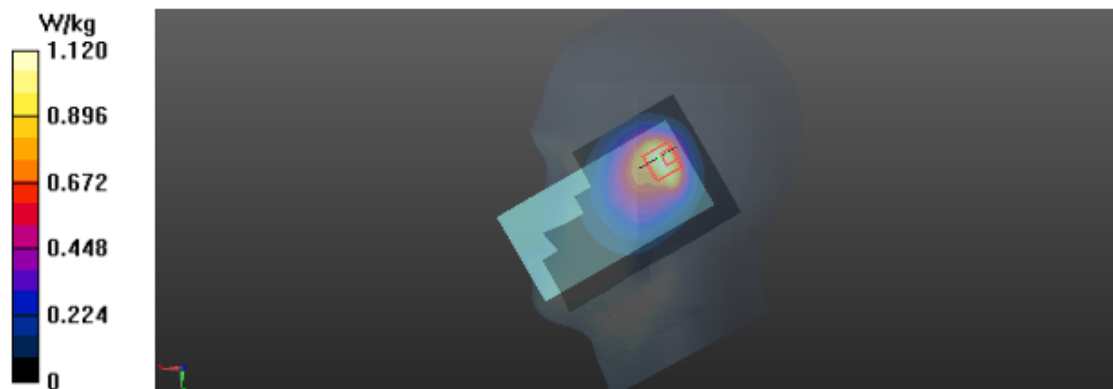
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.49 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.461 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/06/2016

T424_LTE B17_QPSK 10M_CH23790_1RB_Right Cheek_ANT 1

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 41.006$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(11.06, 11.06, 11.06); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.128 W/kg

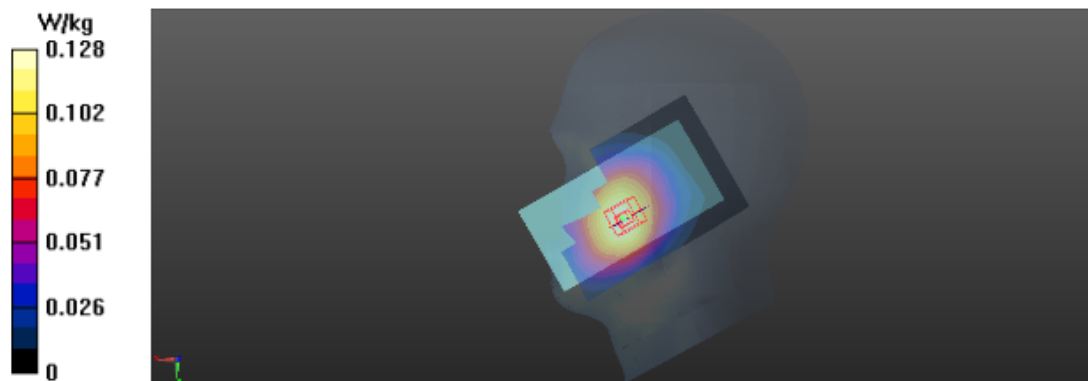
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.912 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T436_LTE B17_QPSK 10M_CH23790_1RB_Right Cheek_ANT 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 41.006$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(11.06, 11.06, 11.06); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

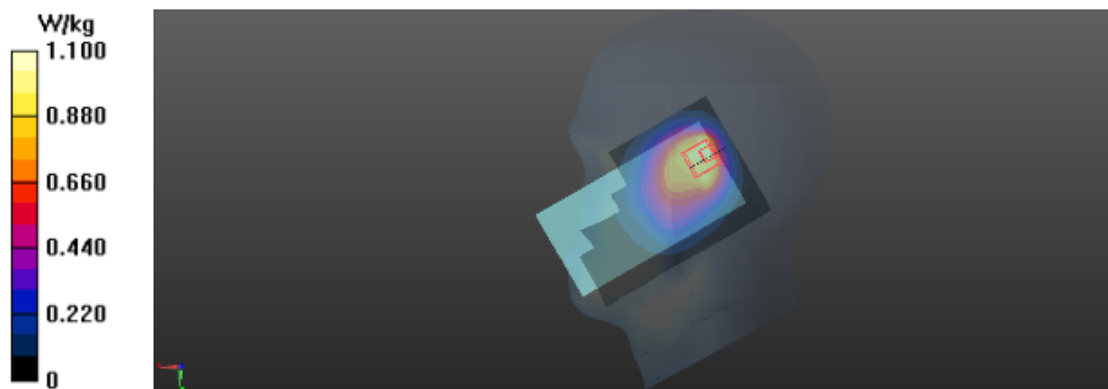
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.64 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.592 W/kg

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



Test Laboratory: BTL Inc.

Date: 05/03/2016

T909_802.11b_CH11_Left Cheek_ANT 1_Battery 2

DUT: 1603C213;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 39.282$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.24, 7.24, 7.24); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.951 W/kg

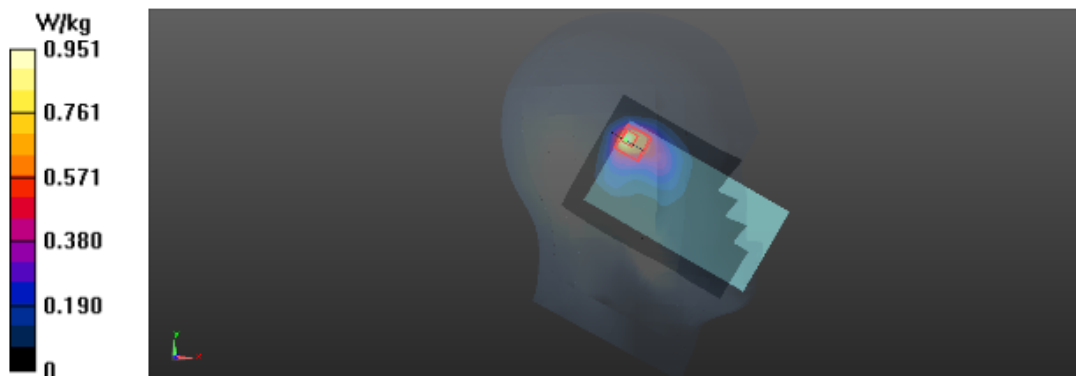
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.80 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.786 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T105_GSM 850_GSM_CH190_Rear Face_1.5cm_ANT 1_Battery 4

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.341 W/kg

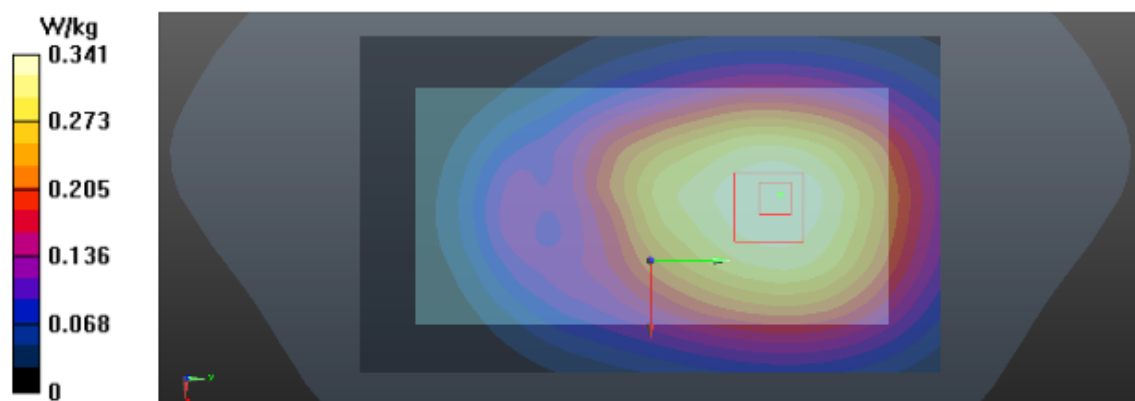
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.58 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.406 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



Test Laboratory: BTL Inc.

阿 Date: 04/11/2016

T112_GSM 850_GPRS 2TX_CH190_Rear Face_1cm_ANT 1_Battery 2

DUT: 1603C213;

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

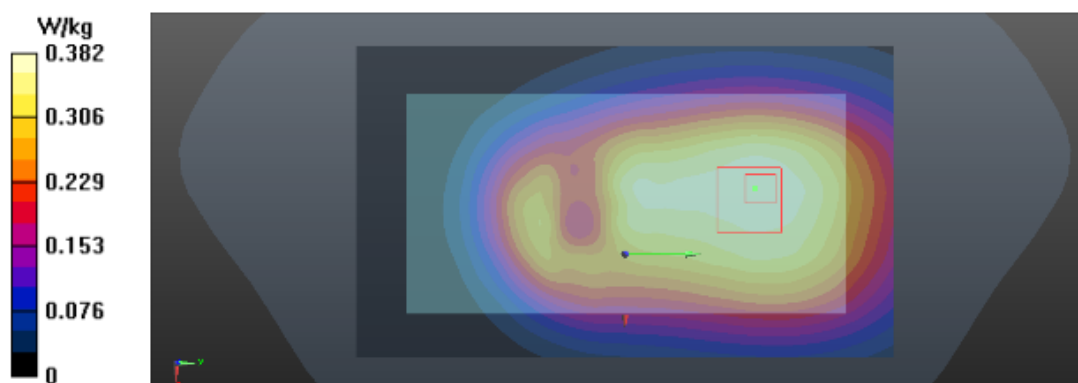
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.80 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.378 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T121_GSM 850_GSM_CH190_Front Face_1.5cm_ANT 2_Battery 5

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.070 W/kg

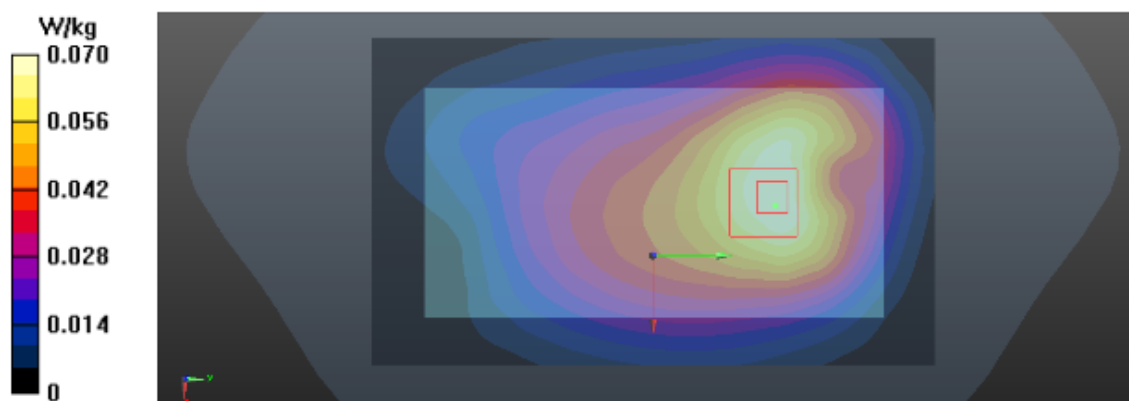
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.686 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.071 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T130_GSM 850_GPRS_2TX_CH190_Front Face_1cm_ANT 2_Battery 5

DUT: 1603C213;

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

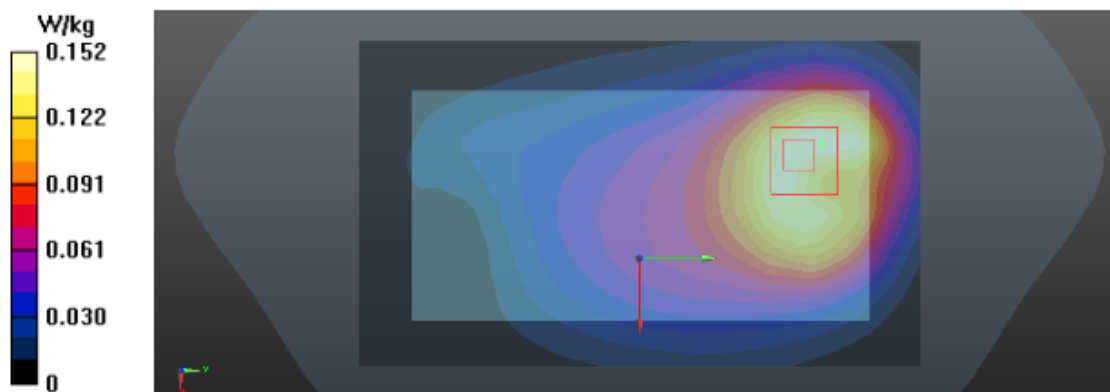
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.807 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.150 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T135_GSM 1900_GSM_CH661_Front Face_1.5cm_ANT 1_Battery 4

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.116 W/kg

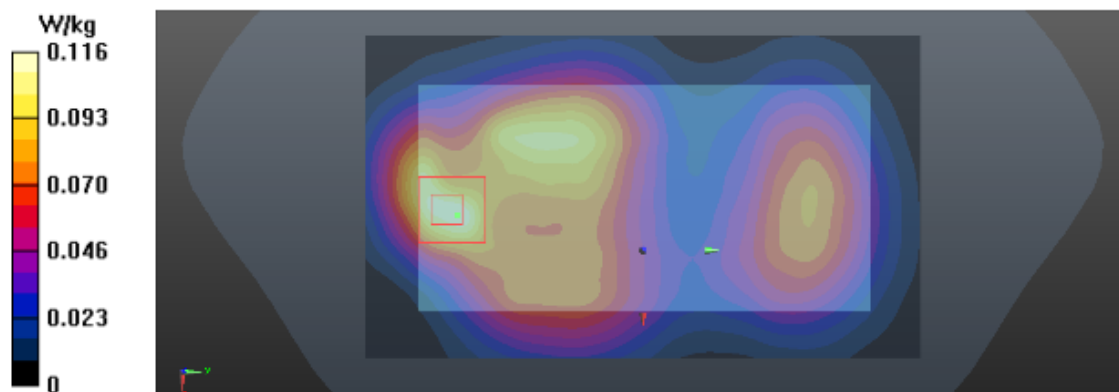
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.474 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T144_GSM 1900_GPRS 2TX_CH661_Front Face_1cm_ANT 1_Battery 4

DUT: 1603C213;

Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.263 W/kg

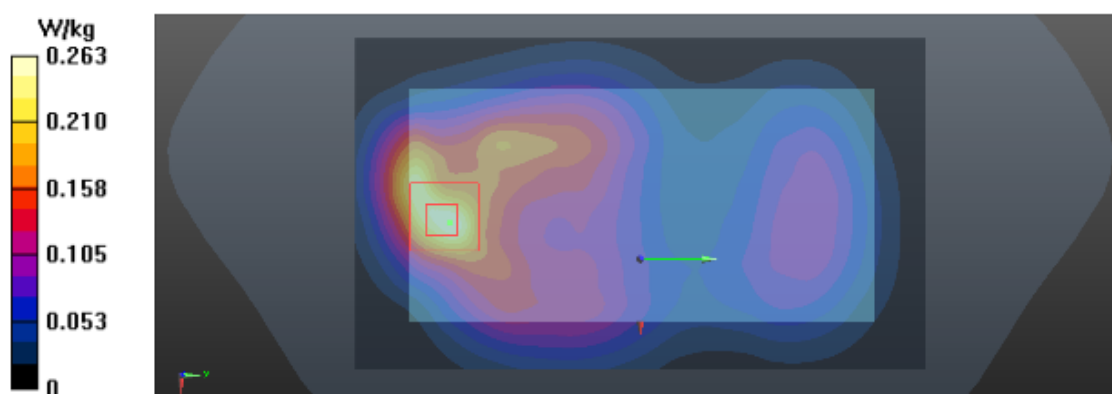
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.745 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.262 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T146_GSM 1900_GSM_CH661_Front Face_1.5cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.027 W/kg

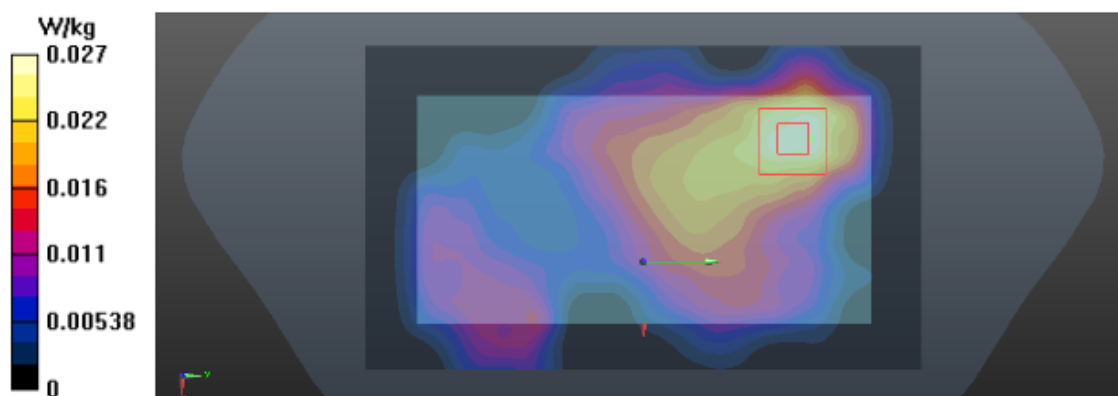
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.207 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.027 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T152_GSM 1900_GPRS 2TX_CH661_Front Face_1cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4.00037

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.068 W/kg

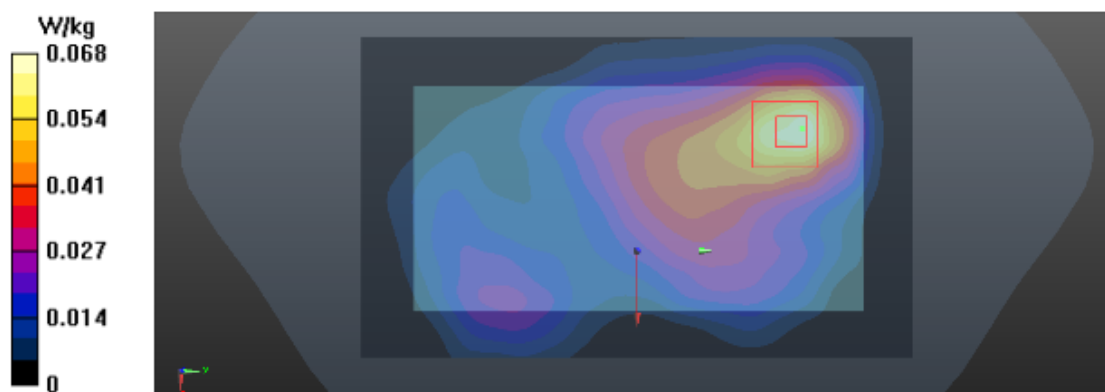
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.486 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.065 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T165_WCDMA B2_RMC 12.2K_CH9400_Front Face_1.5cm_ANT 1_Battery 4

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.204 W/kg

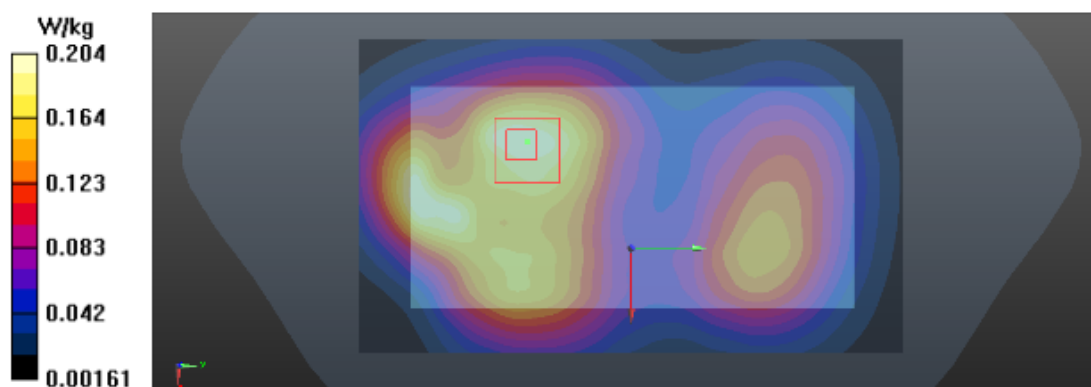
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.814 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T174_WCDMA B2_RMC 12.2K_CH9400_Front Face_1cm_ANT 1_Battery 4

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.497 W/kg

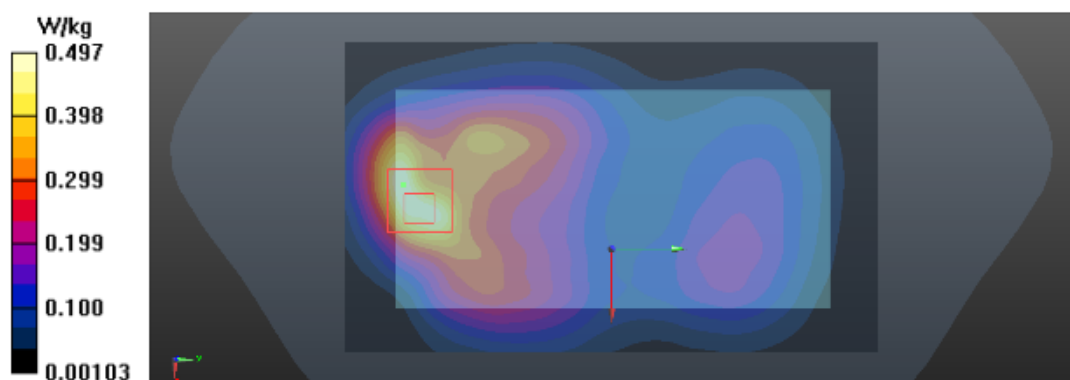
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.143 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.503 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T177_WCDMA B2_RMC 12.2K_CH9400_Rear Face_1.5cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0544 W/kg

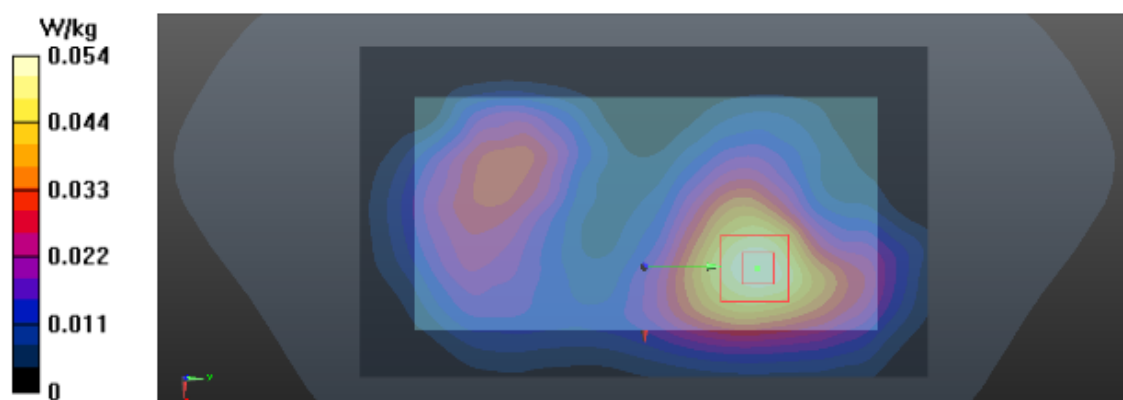
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.395 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0542 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T183_WCDMA B2_RMC 12.2K_CH9400_Rear Face_1cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.0870 W/kg

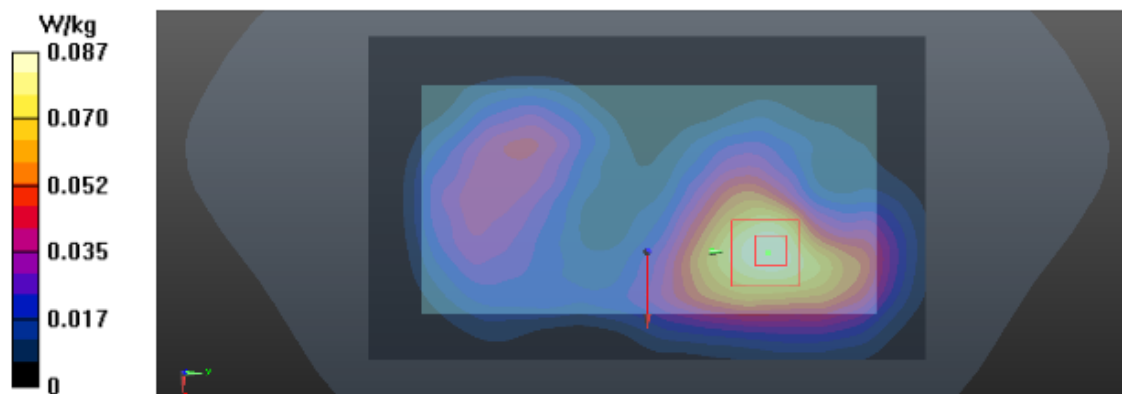
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.668 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.086 W/kg



Test Laboratory: BTL Inc.

Date: 04/10/2016

T192_WCDMA B4_RMC 12.2K_CH1413_Rear Face_1.5cm_ANT 1

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 51.731$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.302 W/kg

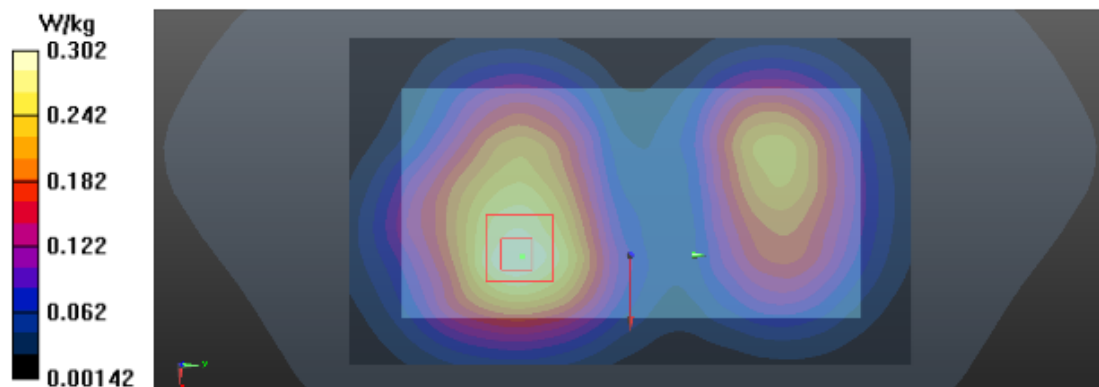
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.511 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.296 W/kg



Test Laboratory: BTL Inc.

Date: 04/10/2016

T198_WCDMA B4_RMC 12.2K_CH1413_Rear Face_1cm_ANT 1

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 51.731$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.451 W/kg

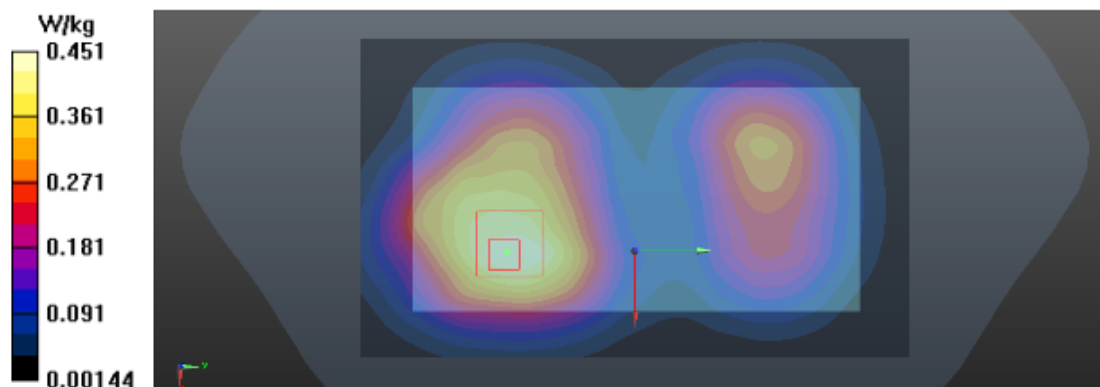
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.284 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 0.432 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T207_WCDMA B4_RMC 12.2K_CH1413_Rear Face_1.5cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 51.731$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0435 W/kg

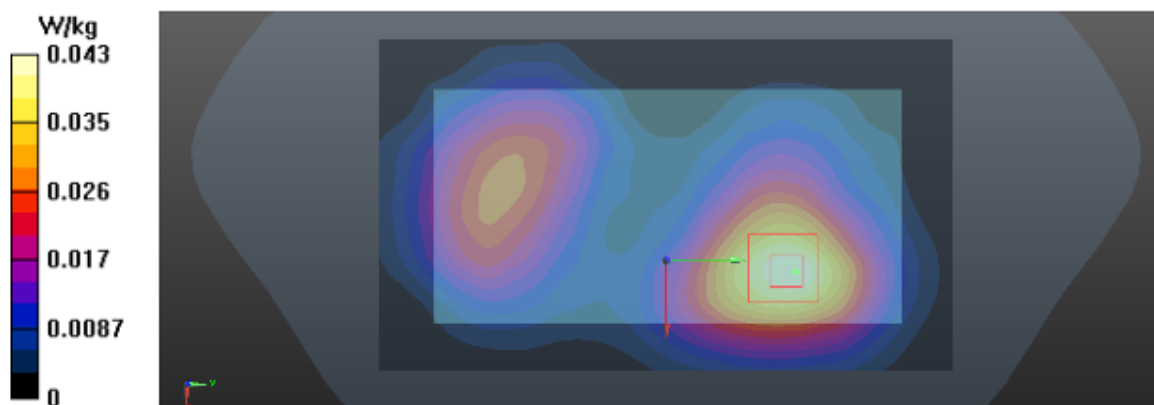
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.032 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0560 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0416 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T213_WCDMA B4_RMC 12.2K_CH1413_Rear Face_1cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 51.731$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.081 W/kg

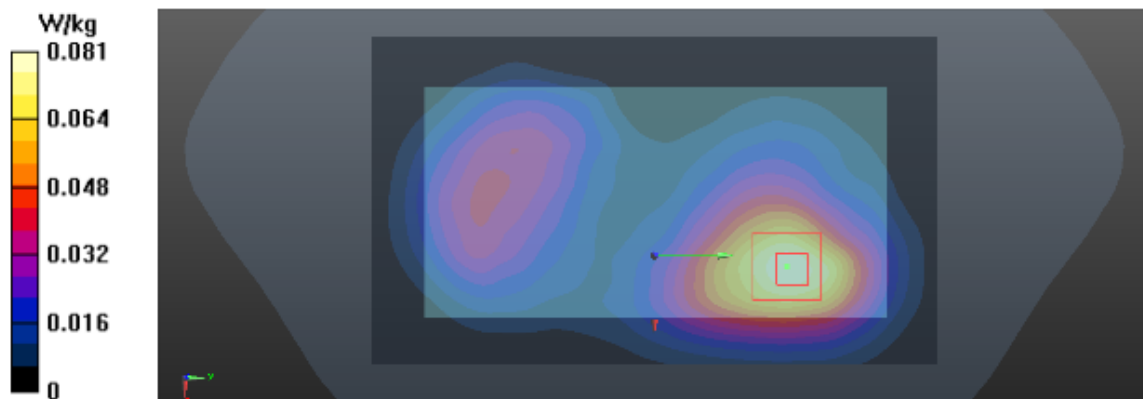
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.637 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.0803 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T224_WCDMA B5_RMC 12.2K_CH4182_Rear Face_1.5cm_ANT 1_Battery 3

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.380 W/kg

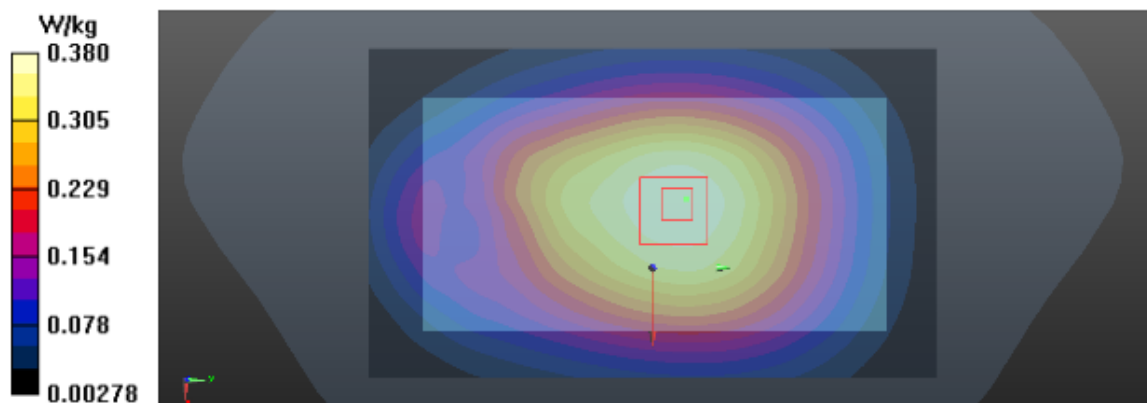
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.47 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.280 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/11/2016

T232_WCDMA B5_RMC 12.2K_CH4182_Rear Face_1cm_ANT 1_Battery 2

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

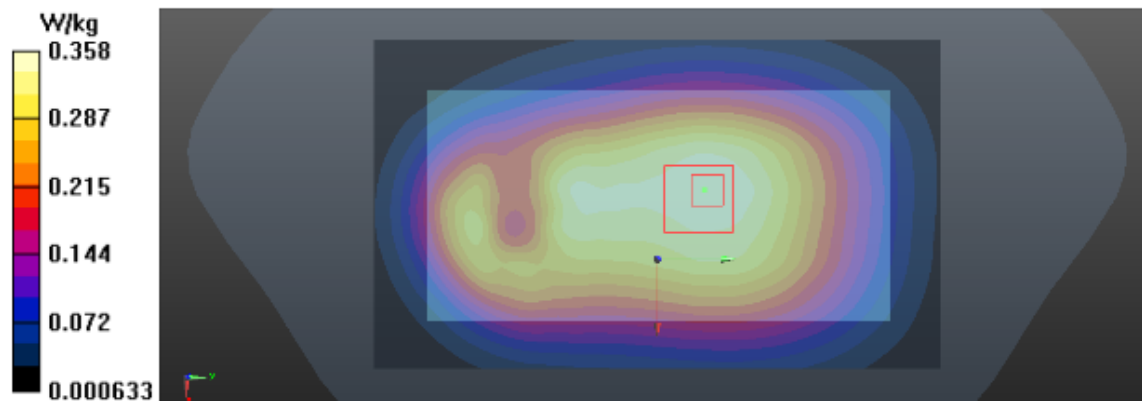
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.264 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/11/2016

T241_WCDMA B5_RMC 12.2K_CH4182_Front Face_1.5cm_ANT 2_Battery 5

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.106 W/kg

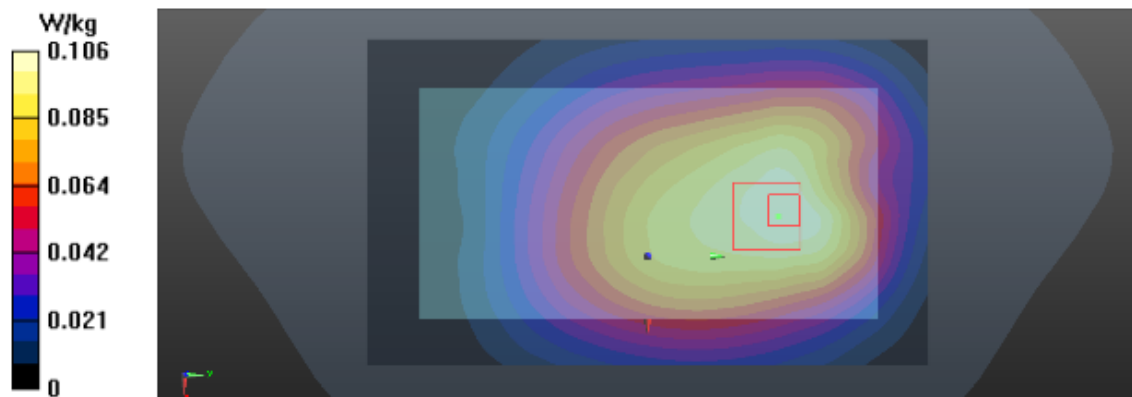
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.220 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.076 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/11/2016

T250_WCDMA B5_RMC 12.2K_CH4182_Front Face_1cm_ANT 2_Battery 5

DUT: 1603C213;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.195$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.148 W/kg

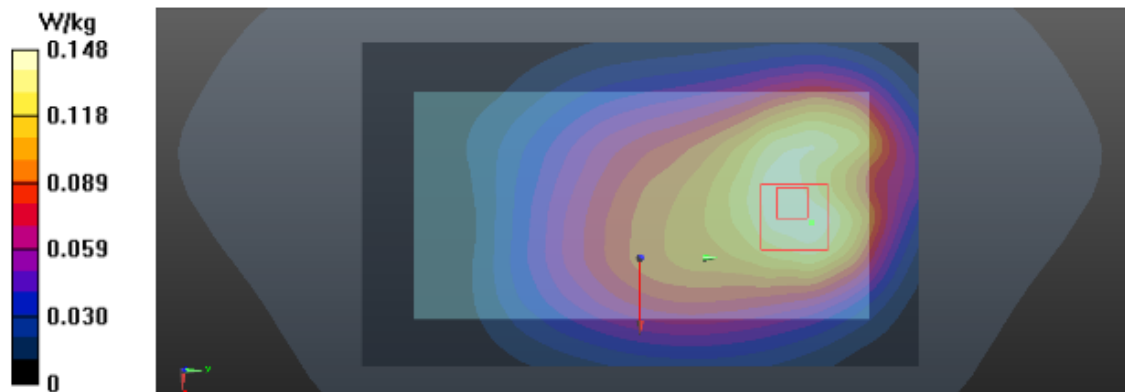
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.588 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



Test Laboratory: BTL Inc.

Date: 04/07/2016

T502_LTE B2_QPSK 20M_CH18900_1RB_Rear Face_1.5cm_ANT 1

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.81$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.172 W/kg

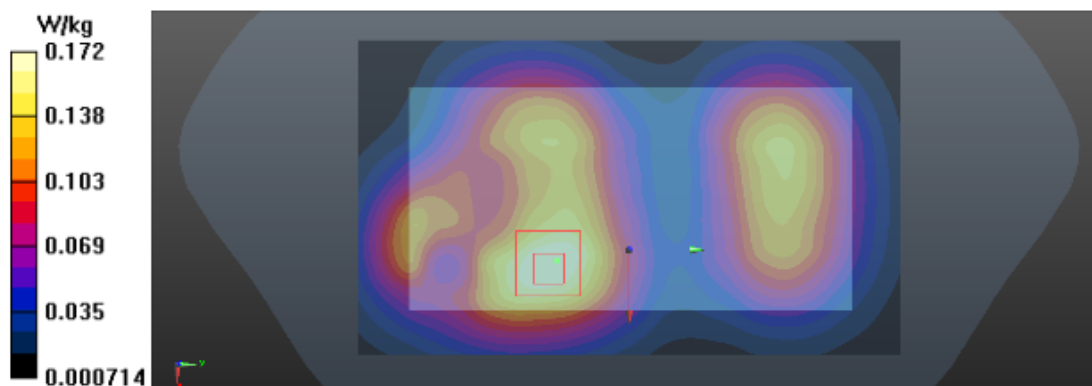
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.484 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



Test Laboratory: BTL Inc.

Date: 04/07/2016

T509_LTE B2_QPSK 20M_CH18900_1RB_Front Face_1cm_ANT 1

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.81$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

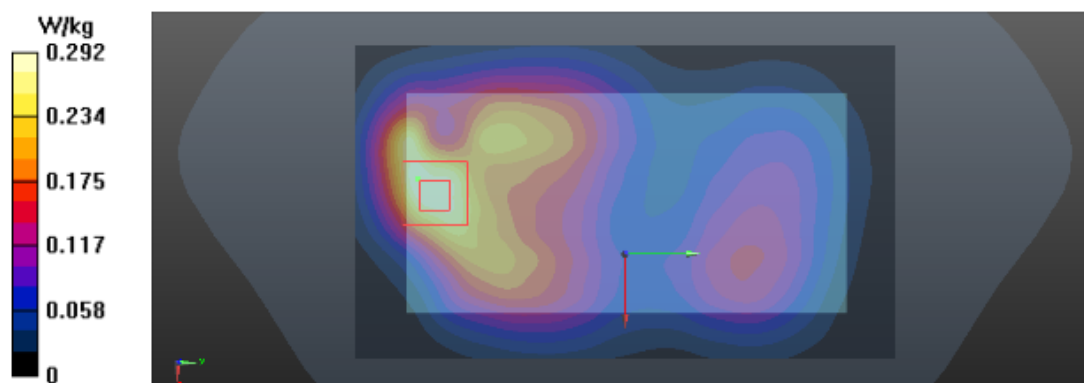
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.825 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



Test Laboratory: BTL Inc.

Date: 04/07/2016

T527_LTE B2_QPSK 20M_CH18900_1RB_Rear Face_1.5cm_ANT 2_Battery2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1.25893

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.81$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0550 W/kg

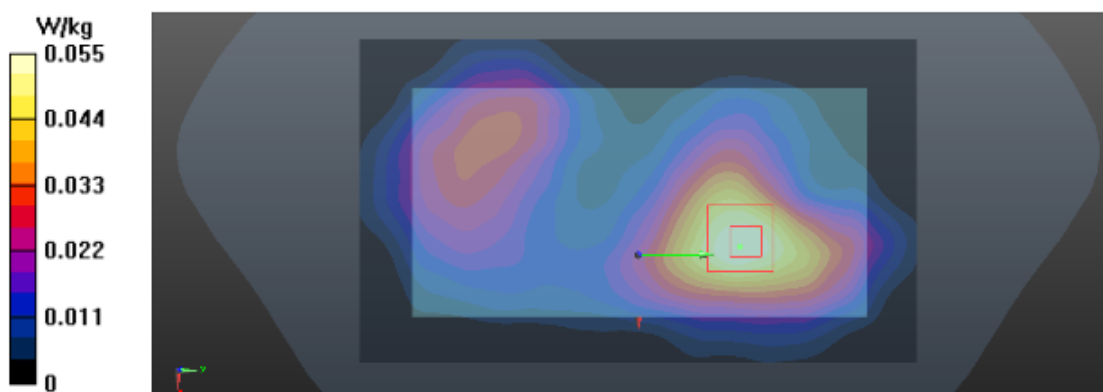
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.049 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0554 W/kg



Test Laboratory: BTL Inc.

Date: 04/07/2016

T531_LTE B2_QPSK 20M_CH18900_1RB_Front Face_1cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.524$ S/m; $\epsilon_r = 53.81$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.077 W/kg

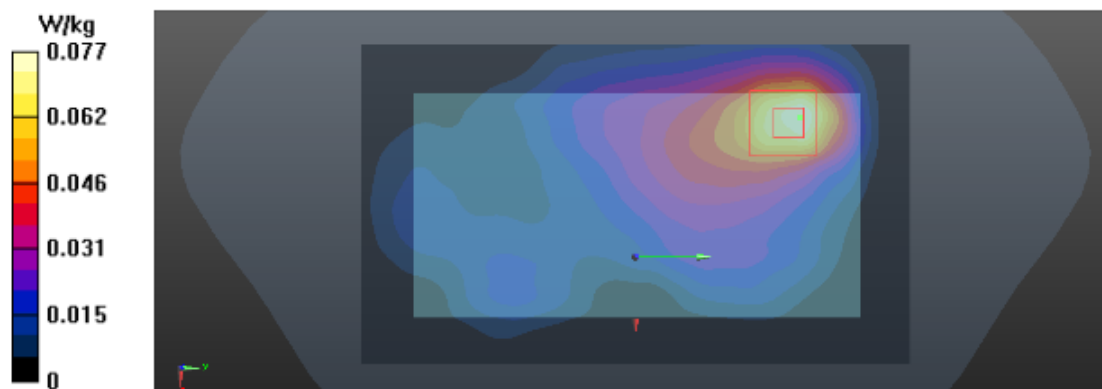
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.816 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0714 W/kg



Test Laboratory: BTL Inc.

Date: 04/10/2016

T546_LTE B4_QPSK 20M_CH20175_1RB_Rear Face_1.5cm_ANT 1

DUT: 1603C213;

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; $\sigma = 1.445$ S/m; $\epsilon_r = 51.733$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

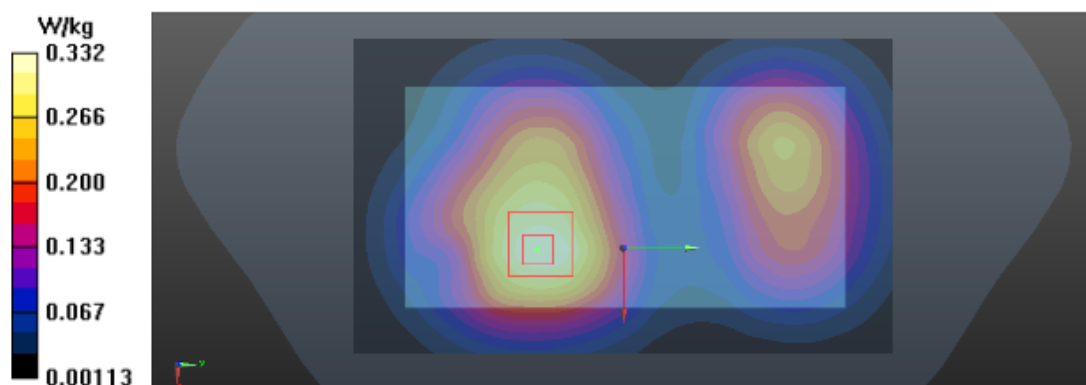
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.210 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.320 W/kg



Test Laboratory: BTL Inc.

Date: 04/10/2016

T554_LTE B4_QPSK 20M_CH20175_1RB_Rear Face_1cm_ANT 1

DUT: 1603C213;

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; $\sigma = 1.445$ S/m; $\epsilon_r = 51.733$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

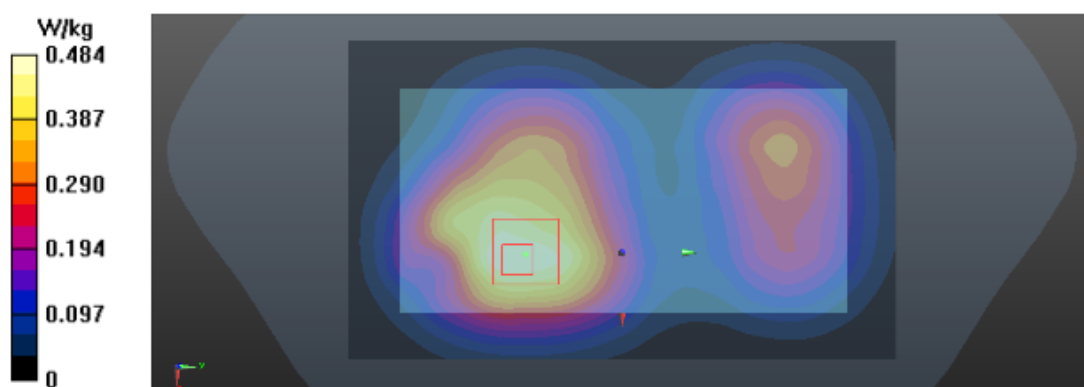
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.63 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.300 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/10/2016

T568_LTE B4_QPSK 20M_CH20175_1RB_Rear Face_1.5cm_ANT 2

DUT: 1603C213;

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; $\sigma = 1.445$ S/m; $\epsilon_r = 51.733$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.041 W/kg

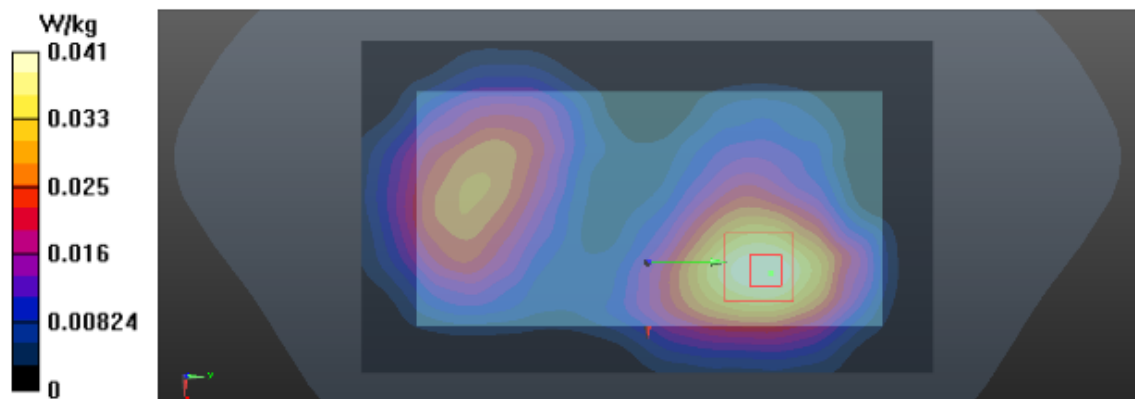
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.116 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0560 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.041 W/kg



Test Laboratory: BTL Inc.

Date: 04/10/2016

T576_LTE B4_QPSK 20M_CH20175_1RB_Rear Face_1cm_ANT 2

DUT: 1603C213;

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; $\sigma = 1.445$ S/m; $\epsilon_r = 51.733$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.073 W/kg

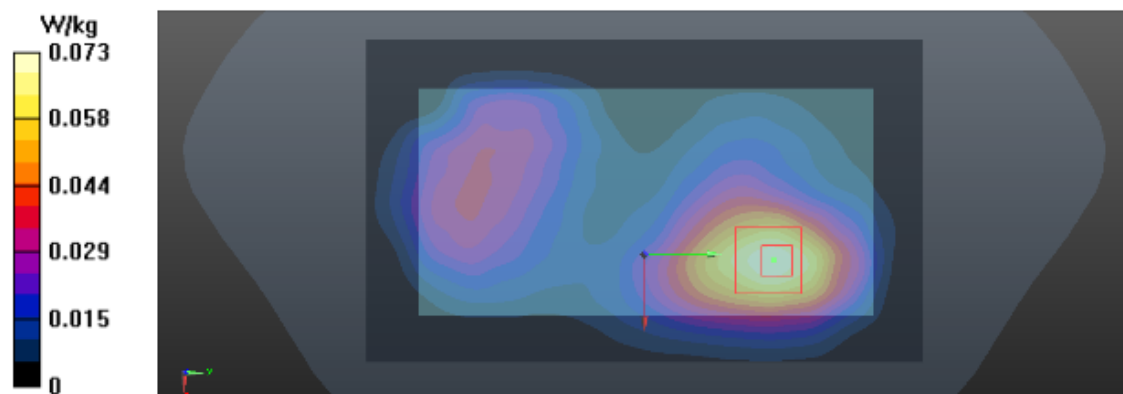
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.657 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.072 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T593_LTE B5_QPSK 10M_CH20525_1RB_Rear Face_1.5cm_ANT 1_Battery 2

DUT: 1603C213;

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; $\sigma = 0.975$ S/m; $\epsilon_r = 54.199$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.277 W/kg

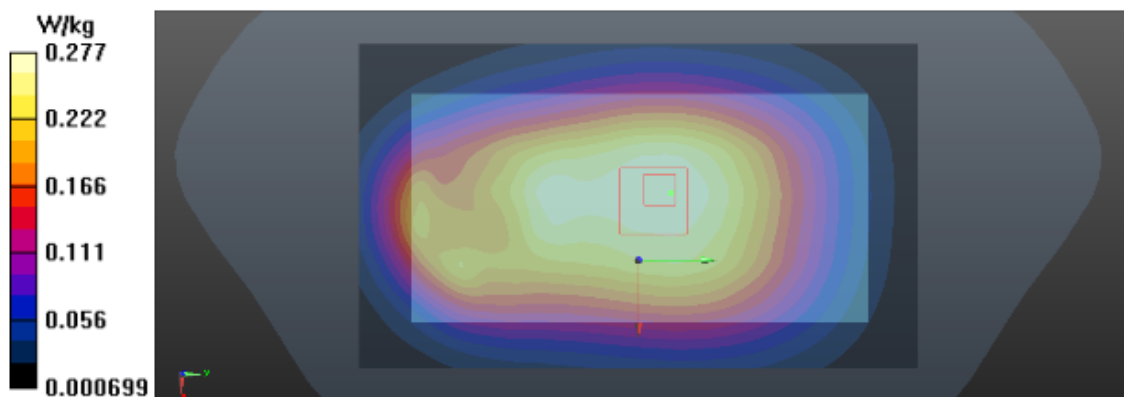
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.66 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.274 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T607_LTE B5_QPSK 10M_CH20525_1RB_Rear Face_1cm_ANT 1_Battery 2

DUT: 1603C213;

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; $\sigma = 0.975$ S/m; $\epsilon_r = 54.199$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.284 W/kg

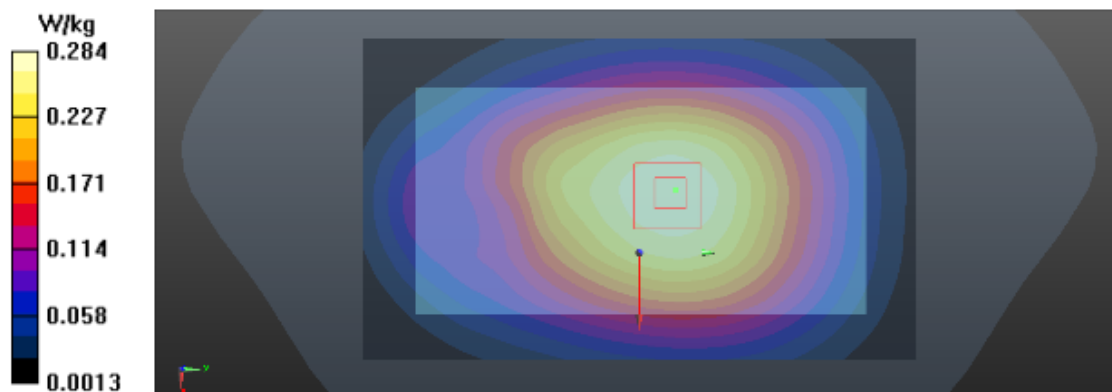
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.284 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T615_LTE B5_QPSK 10M_CH20525_1RB_Rear Face_1.5cm_ANT 2_Battery 2

DUT: 1603C213;

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; $\sigma = 0.975$ S/m; $\epsilon_r = 54.199$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0731 W/kg

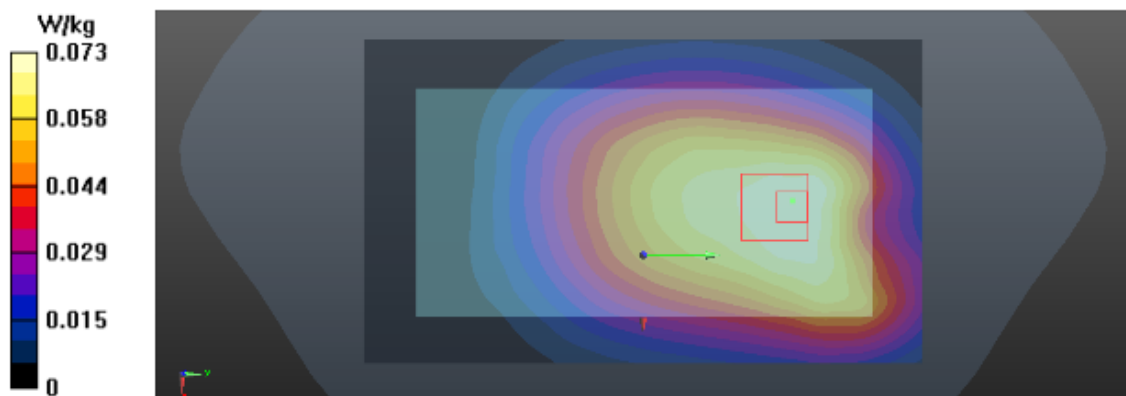
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.649 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0730 W/kg



Test Laboratory: BTL Inc.

Date: 04/11/2016

T629_LTE B5_QPSK 10M_CH20525_1RB_Rear Face_1cm_ANT 2_Battery 2

DUT: 1603C213;

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; $\sigma = 0.975$ S/m; $\epsilon_r = 54.199$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

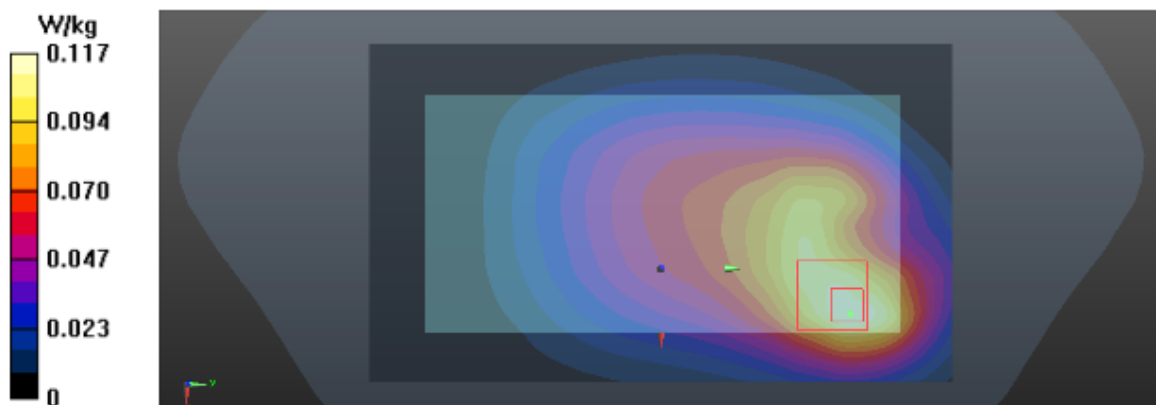
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.784 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.069 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/07/2016

T637_LTE B7_QPSK 20M_CH21100_1RB_Rear Face_1.5cm_ANT 1_Battery2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1.25893

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.126$ S/m; $\epsilon_r = 52.51$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.402 W/kg

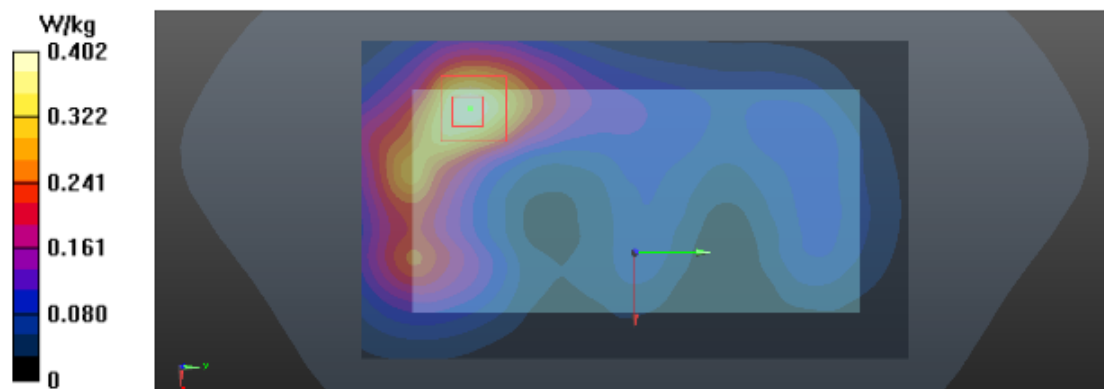
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.203 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.198 W/kg

Maximum value of SAR (measured) = 0.419 W/kg



Test Laboratory: BTL Inc.

Date: 04/07/2016

T641_LTE B7_QPSK 20M_CH21100_1RB_Front Face_1cm_ANT 1

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.126$ S/m; $\epsilon_r = 52.51$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

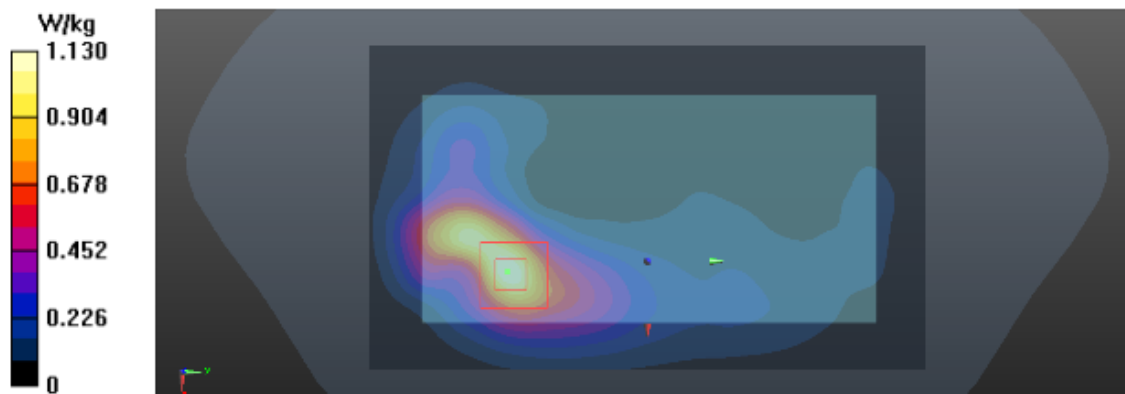
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.424 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.476 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/07/2016

T661_LTE B7_QPSK 20M_CH21100_1RB_Front Face_1.5cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.126$ S/m; $\epsilon_r = 52.51$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.064 W/kg

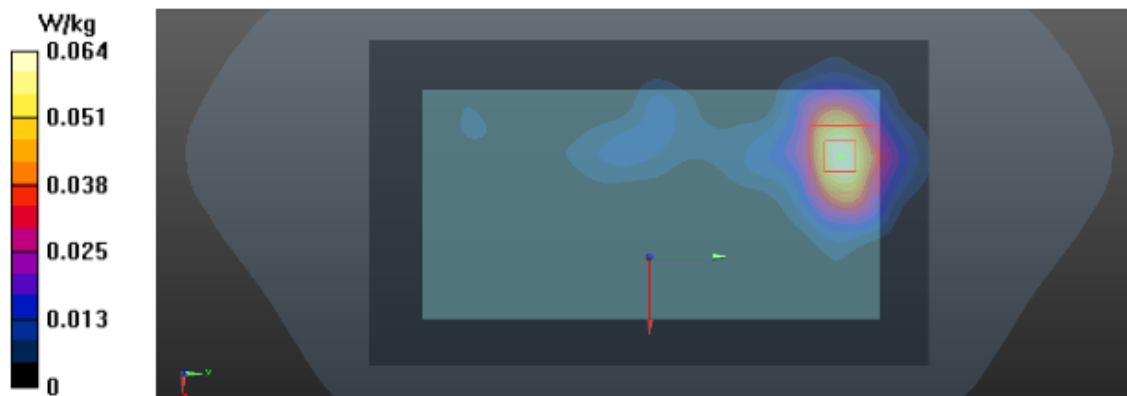
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.9170 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0930 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.060 W/kg



Test Laboratory: BTL Inc.

Date: 04/07/2016

T669_LTE B7_QPSK 20M_CH21100_1RB_Front Face_1cm_ANT 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.126$ S/m; $\epsilon_r = 52.51$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

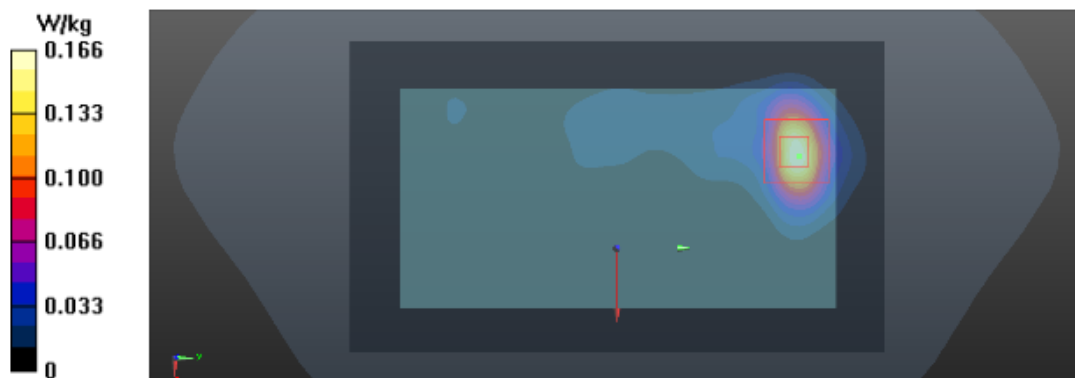
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.460 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.061 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/06/2016

T687_LTE B12_QPSK 10M_CH23095_1RB_Front Face_1.5cm_ANT 1_Battery 2

DUT: 1603C213;

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; $\sigma = 0.93$ S/m; $\epsilon_r = 55.525$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.125 W/kg

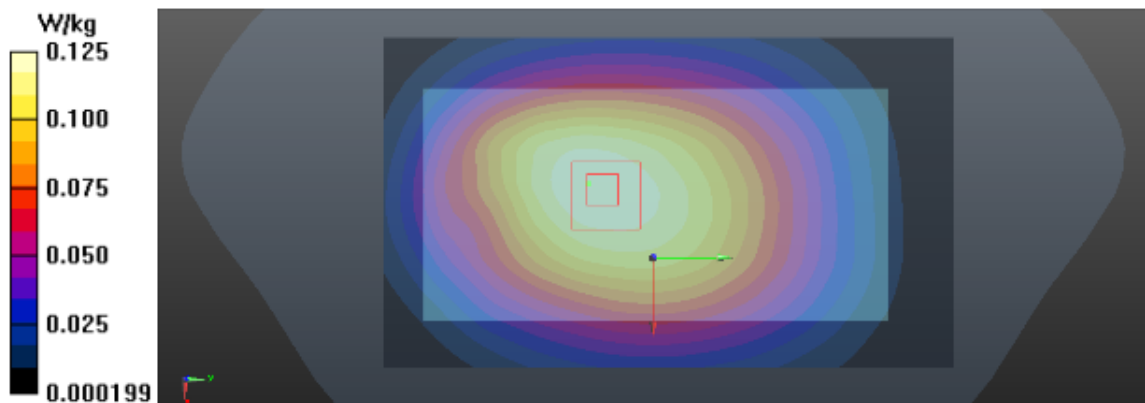
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.35 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.125 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T701_LTE B12_QPSK 10M_CH23095_1RB_Front Face_1cm_ANT 1_Battery 2

DUT: 1603C213;

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; $\sigma = 0.93$ S/m; $\epsilon_r = 55.525$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

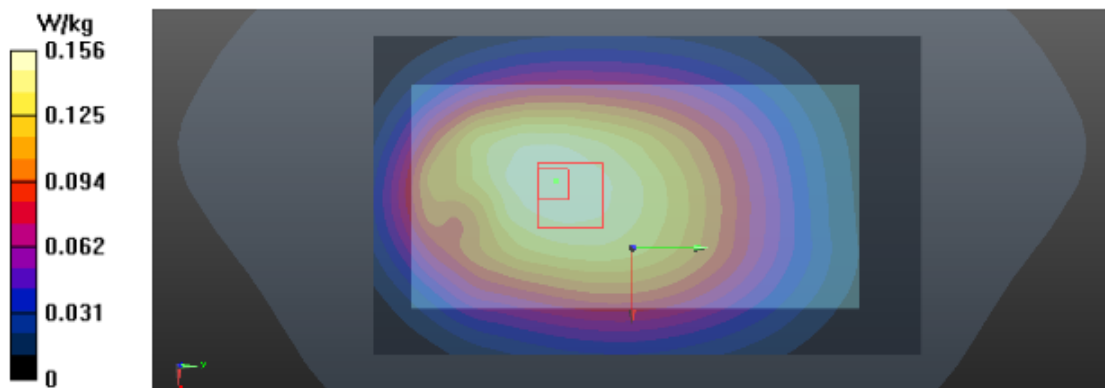
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.29 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.156 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T705_LTE B12_QPSK 10M_CH23095_1RB_Front Face_1.5cm_ANT 2

DUT: 1603C213;

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; $\sigma = 0.93$ S/m; $\epsilon_r = 55.525$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.074 W/kg

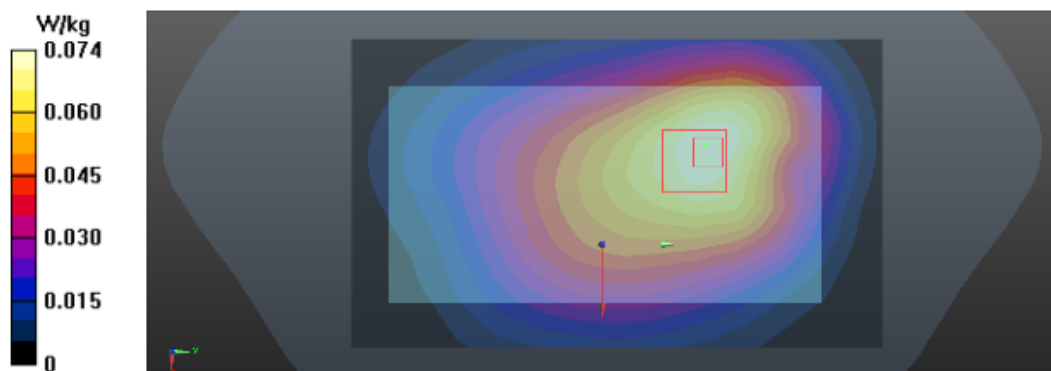
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.649 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.0732 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T713_LTE B12_QPSK 10M_CH23095_1RB_Front Face_1cm_ANT 2

DUT: 1603C213;

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; $\sigma = 0.93$ S/m; $\epsilon_r = 55.525$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

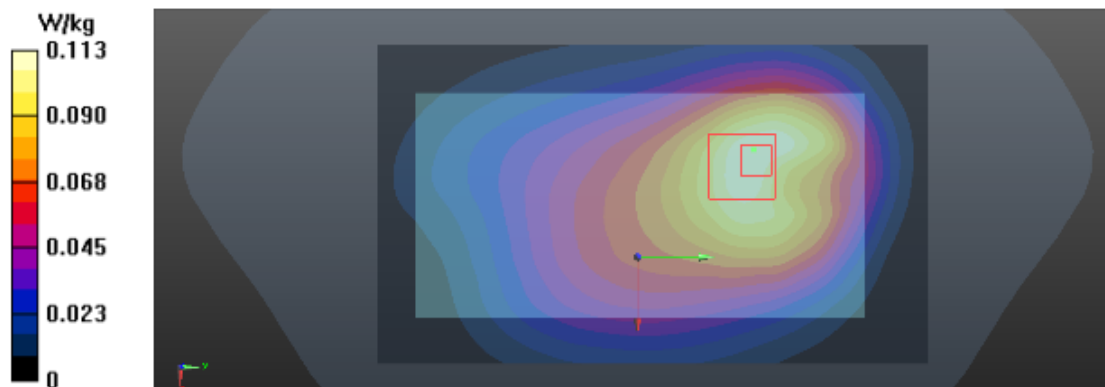
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.609 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.113 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T731_LTE B17_QPSK 10M_CH23790_1RB_Front Face_1.5cm_ANT 1_Battery 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.507$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.145 W/kg

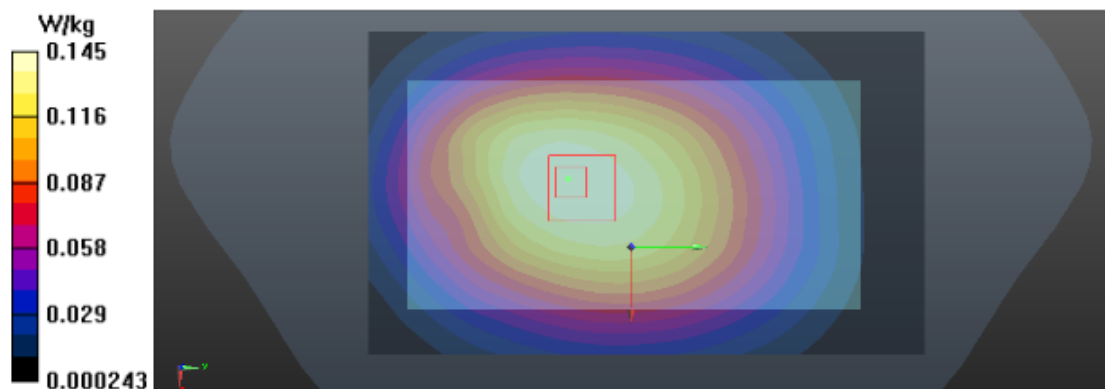
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.09 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T735_LTE B17_QPSK 10M_CH23790_1RB_Front Face_1cm_ANT 1

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.507$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.204 W/kg

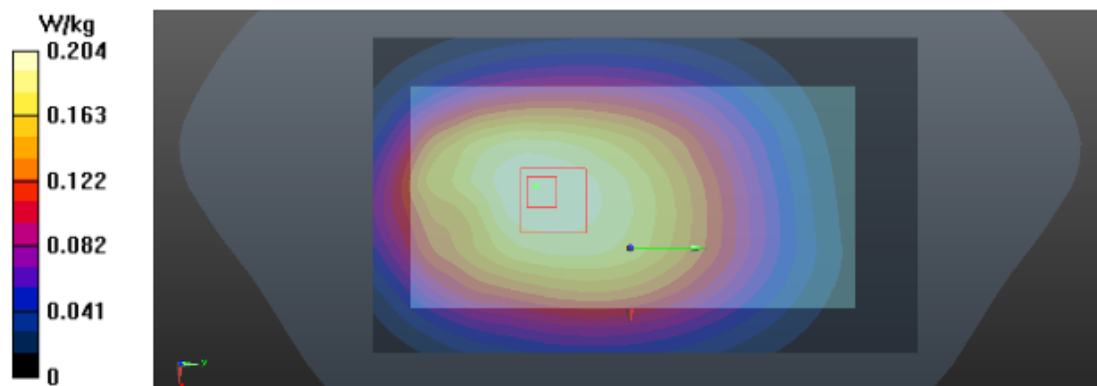
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.86 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.150 W/kg

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



Test Laboratory: BTL Inc.

Date: 04/06/2016

T753_LTE B17_QPSK 10M_CH23790_1RB_Front Face_1.5cm_ANT 2_Battery 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.507$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

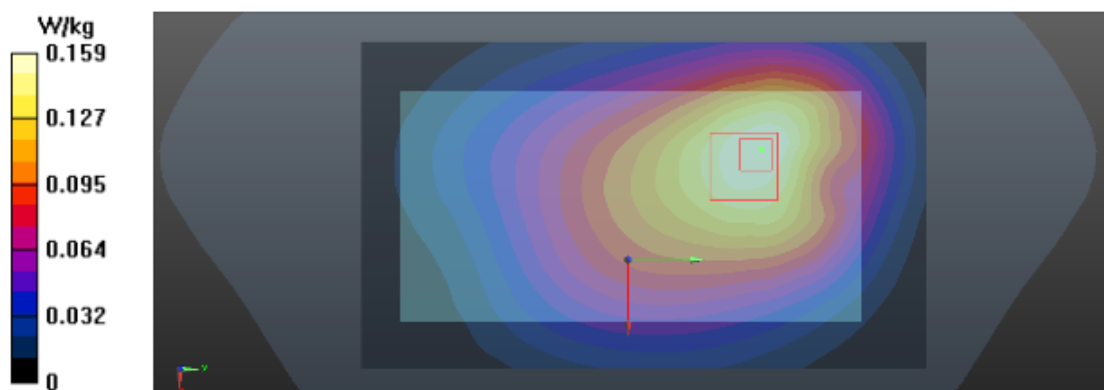
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.60 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



Test Laboratory: BTL Inc.

Date: 04/06/2016

T767_LTE B17_QPSK 10M_CH23790_1RB_Front Face_1cm_ANT 2_Battery 2

DUT: 1603C213;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 710 MHz; Duty Cycle: 1:1.25893

Medium parameters used: $f = 710$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 55.507$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (8x13x1): Interpolated grid: $dx=15$ mm, $dy=15$ mm

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

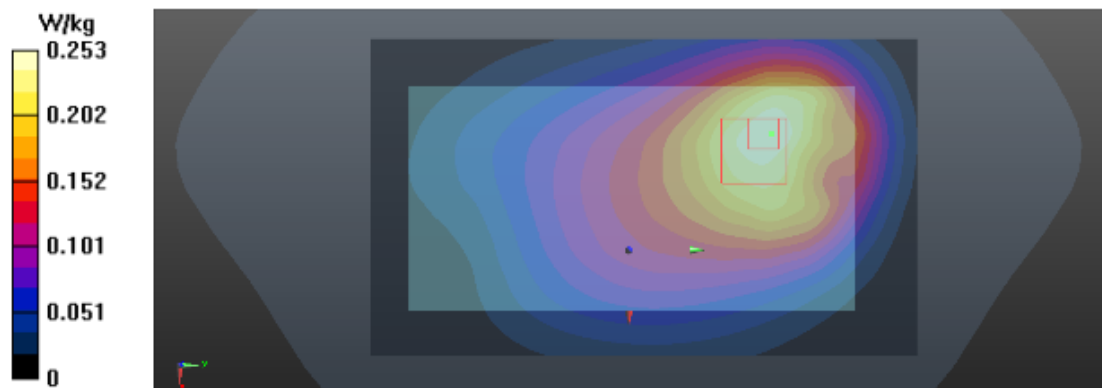
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.81 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.162 W/kg

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



Test Laboratory: BTL Inc.

Date: 05/03/2016

T922_802.11b_CH6_Front Face_1.5cm_Battery 2

DUT: 1603C213;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.977$ S/m; $\epsilon_r = 51.669$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.52, 7.52, 7.52); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.0654 W/kg

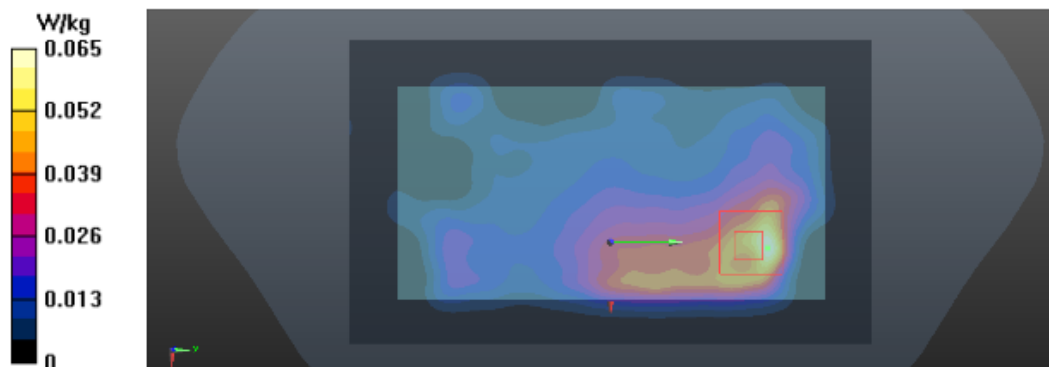
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.085 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0629 W/kg



Test Laboratory: BTL Inc.

Date: 05/03/2016

T916_802.11b_CH6_Front Face_1cm_Battery 2

DUT: 1603C213;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.977$ S/m; $\epsilon_r = 51.669$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.52, 7.52, 7.52); Calibrated: 02/19/2016;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Area Scan (10x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.138 W/kg

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

Reference Value = 3.980 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.0522 W/kg

Maximum value of SAR (measured) = 0.107 W/kg

