

Test Laboratory: BTL Inc.

Date: 2017/3/2

T01_GSM 850_GPRS 2TX_CH190_Front Face_1cm

DUT: 1702C058;

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium parameters used: $f = 837$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.274$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7340; ConvF(9.91, 9.91, 9.91); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x10x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.445 W/kg

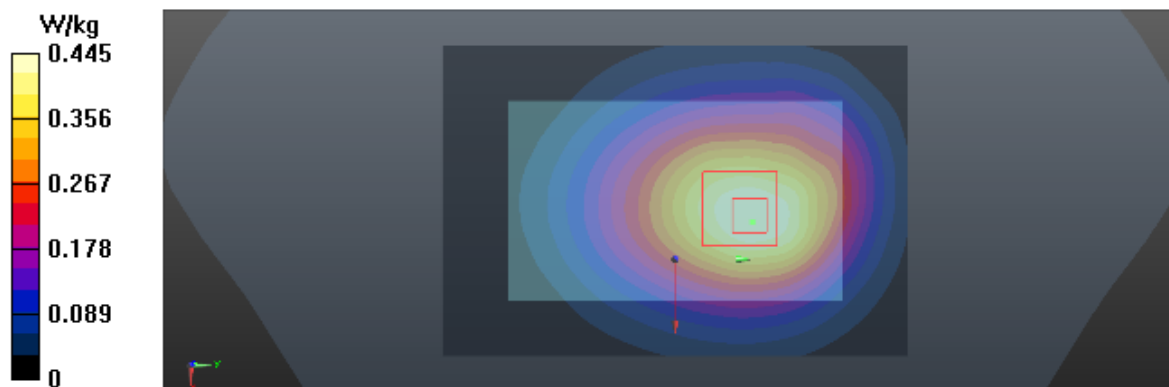
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.77 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.454 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/20

T20_GSM 1900_GPRS 2TX_CH661_Front Face_1cm

DUT: 1702C058;

Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 53.619$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.59, 7.59, 7.59); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (interpolated) = 0.627 W/kg

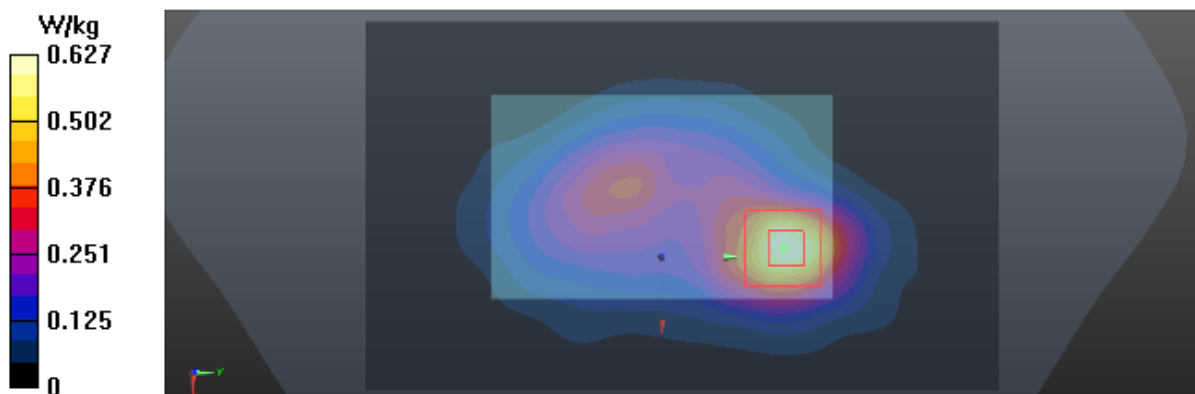
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.18 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.622 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/20

T35_UMTS B2_RMC12.2K_CH9262_Front Face_1cm

DUT: 1702C058;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 53.719$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.59, 7.59, 7.59); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

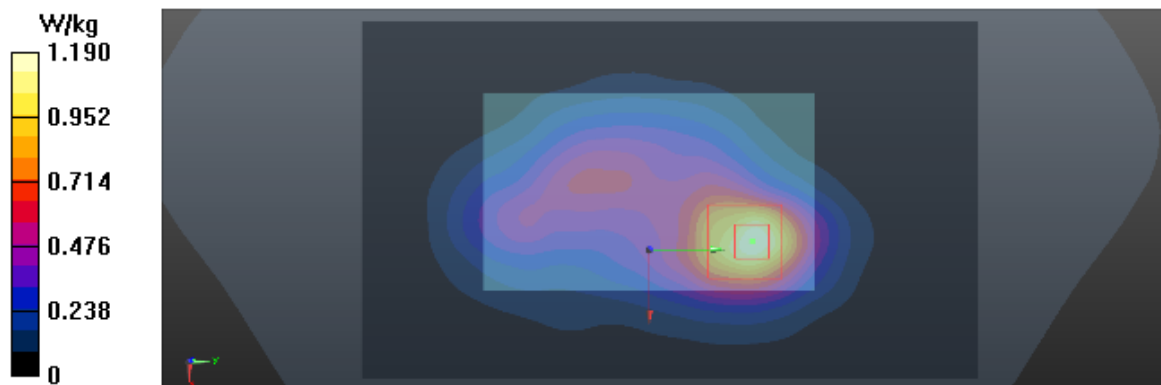
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.575 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/2/21

T51_UMTS B4_RMC12.2K_CH1413_Rear Face_1cm

DUT: 1702C058;

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

Medium parameters used: $f = 1733$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 52.399$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.85, 7.85, 7.85); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

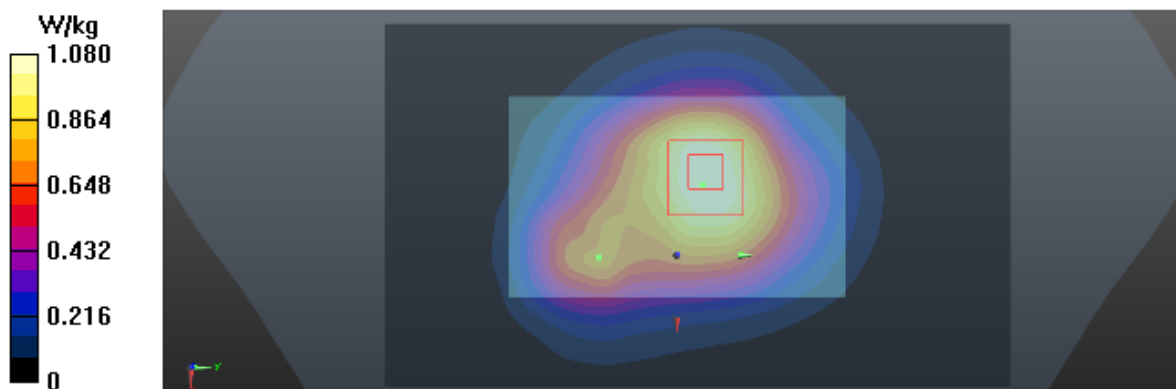
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.39 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.694 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/2/19

T89_UMTS B5_RMC12.2K_CH4182_Fron Face_1cm_Battery 2

DUT: 1702C058;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.27, 9.27, 9.27); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=15 mm, dy=15 mm

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

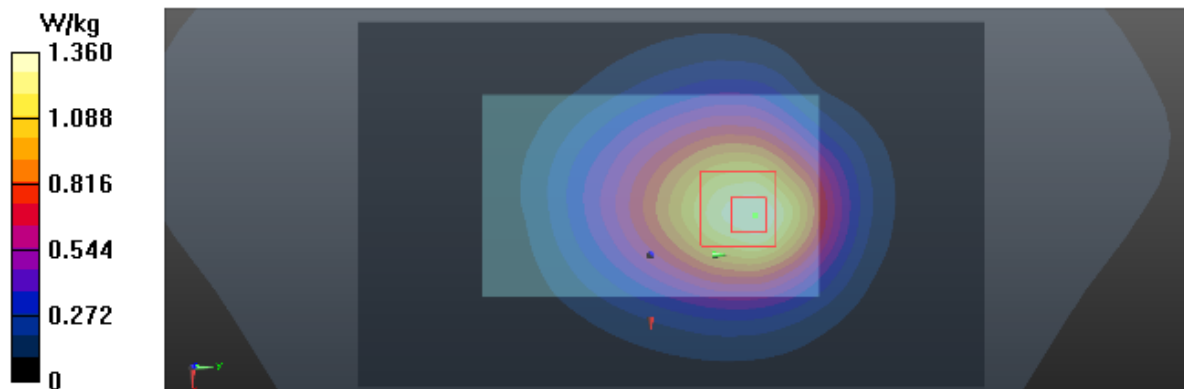
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.45 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.851 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/2/20

T111_LTE B2_QPSK20M_CH19100_1RB_Front Face_1cm

DUT: 1702C058;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 53.563$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.59, 7.59, 7.59); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

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

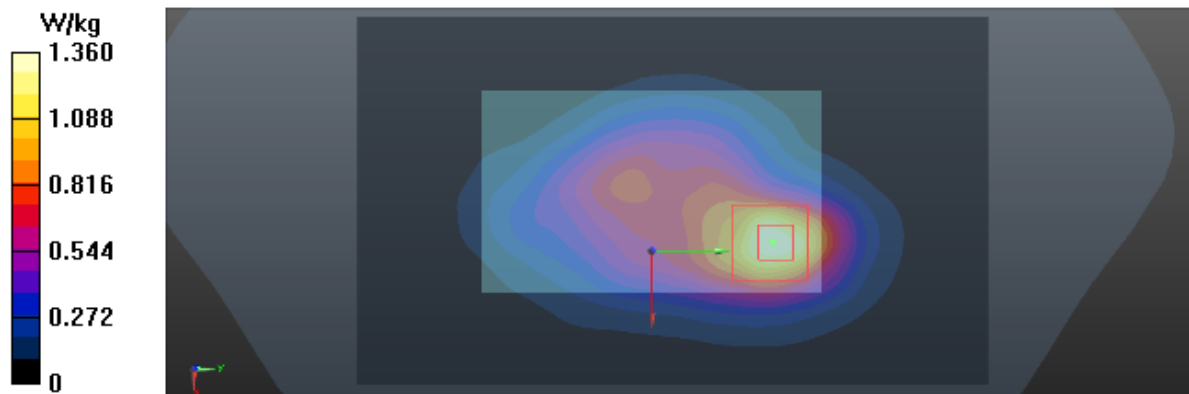
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.06 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.666 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/21

T131_LTE_B4_QPSK20M_CH20175_1RB_Rear Face_1cm

DUT: 1702C058;

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; $\sigma = 1.48$ S/m; $\epsilon_r = 52.402$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.85, 7.85, 7.85); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x11x1): Interpolated grid: dx=15 mm, dy=15 mm

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

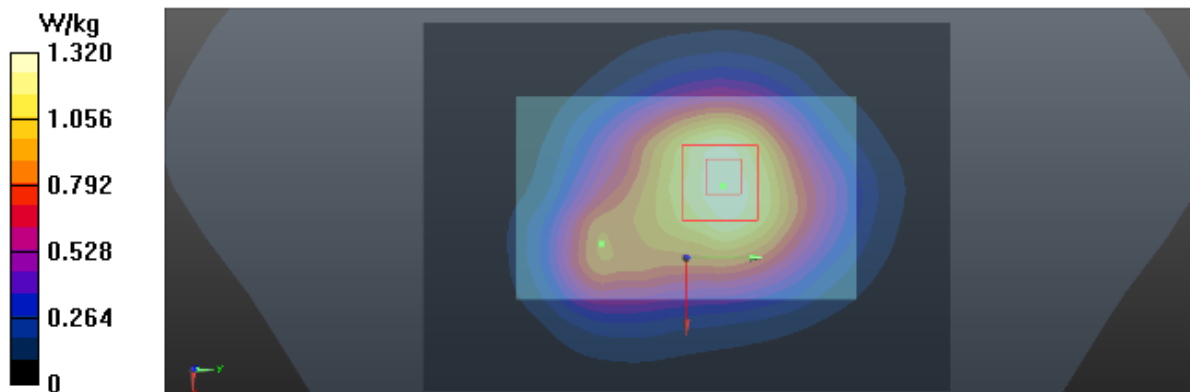
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.813 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/3/2

T150_LTE_B5_QPSK10M_CH20600_1RB_Front Face_1cm

DUT: 1702C058;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 844$ MHz; $\sigma = 0.983$ S/m; $\epsilon_r = 54.199$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN7340; ConvF(9.91, 9.91, 9.91); Calibrated: 2016/12/27;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x10x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.648 W/kg

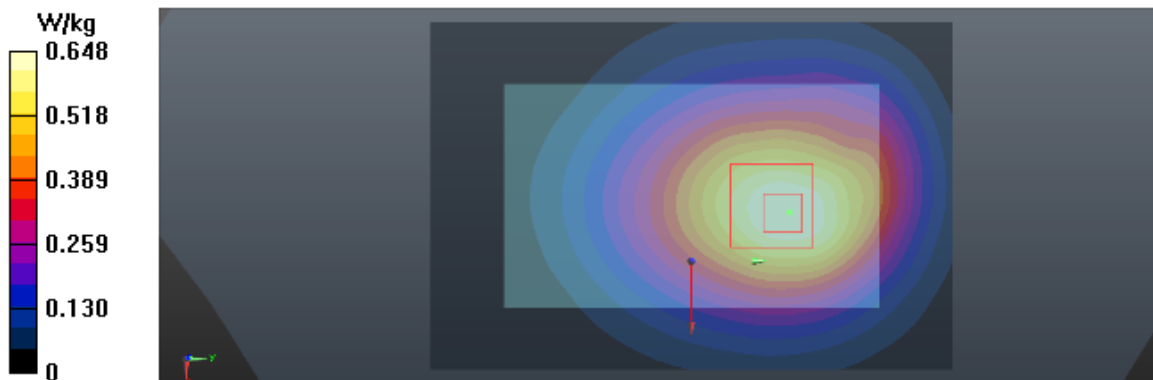
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.47 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.881 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 0.662 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/22

T194_LTE B7_QPSK20M_CH20850_1RB_Right Side_1cm

DUT: 1702C058;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 2.078$ S/m; $\epsilon_r = 52.713$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(6.99, 6.99, 6.99); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Interpolated grid: dx=12 mm, dy=12 mm

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

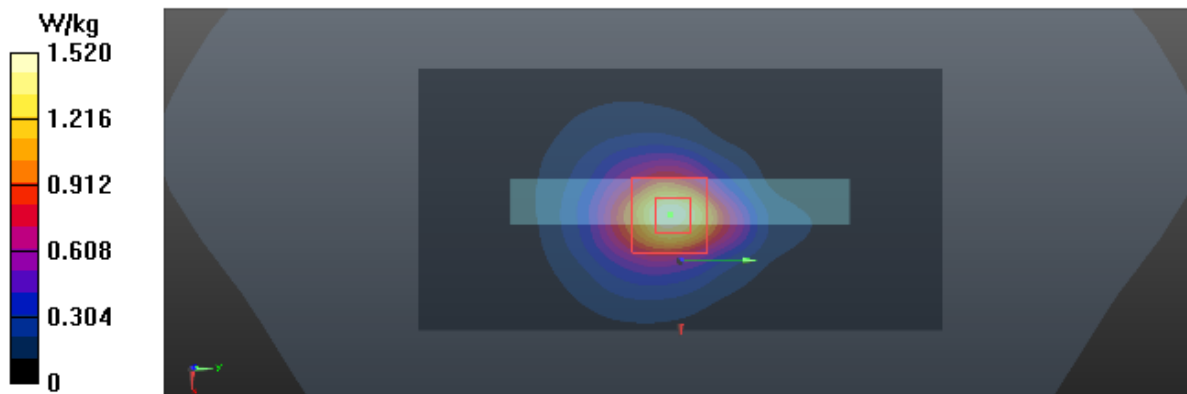
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.44 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.628 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/3/3

T320_LTE_B12_QPSK10M_CH23095_1RB_Front Face_1cm

DUT: 1702C058;

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

Medium parameters used: $f = 710$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 56.672$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.42, 9.42, 9.42); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x11x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

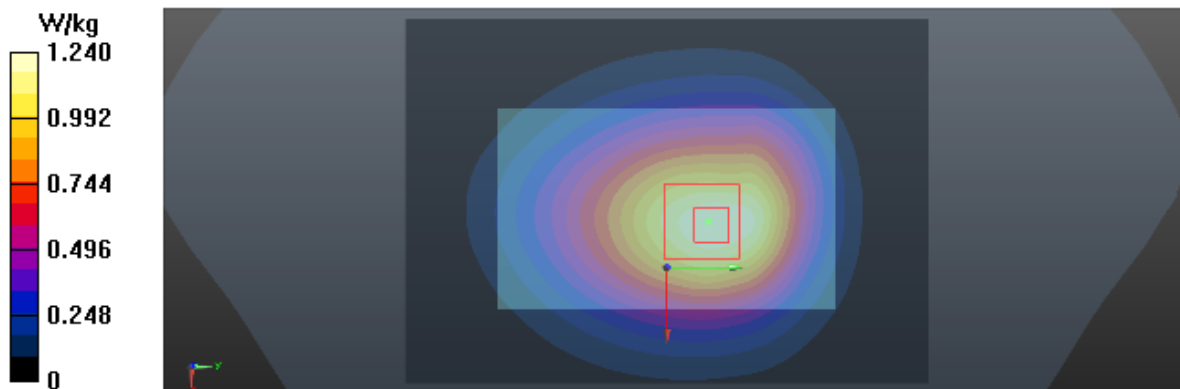
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.80 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.772 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/2/22

T230_LTE B13_QPSK10M_CH23230_1RB_Front Face_1cm_Battery 2

DUT: 1702C058;

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 55.992$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(9.42, 9.42, 9.42); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (8x11x1): Interpolated grid: dx=15 mm, dy=15 mm

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

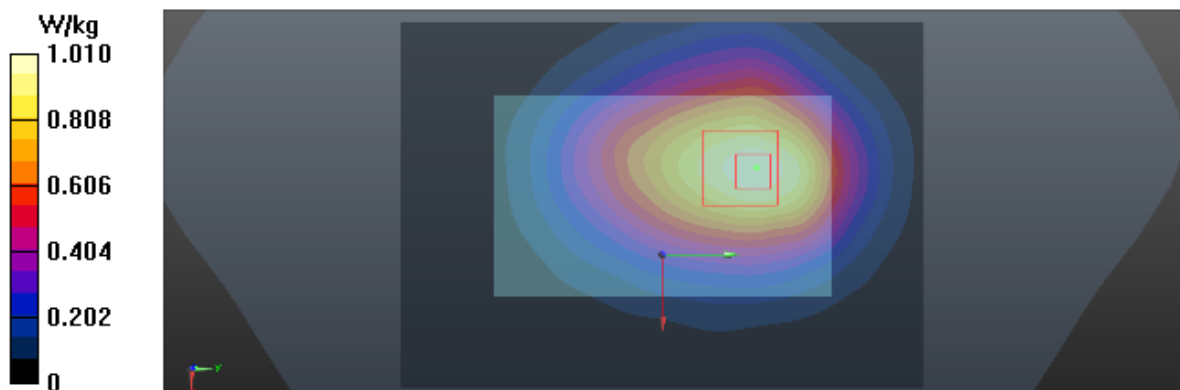
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.82 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.633 W/kg

Maximum value of SAR (measured) = 0.965 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/23

T274_802.11b_Ch11_Bottom Side_1cm_Ant1_Battery 2

DUT: 1702C058;

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; $\sigma = 1.989$ S/m; $\epsilon_r = 53.131$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

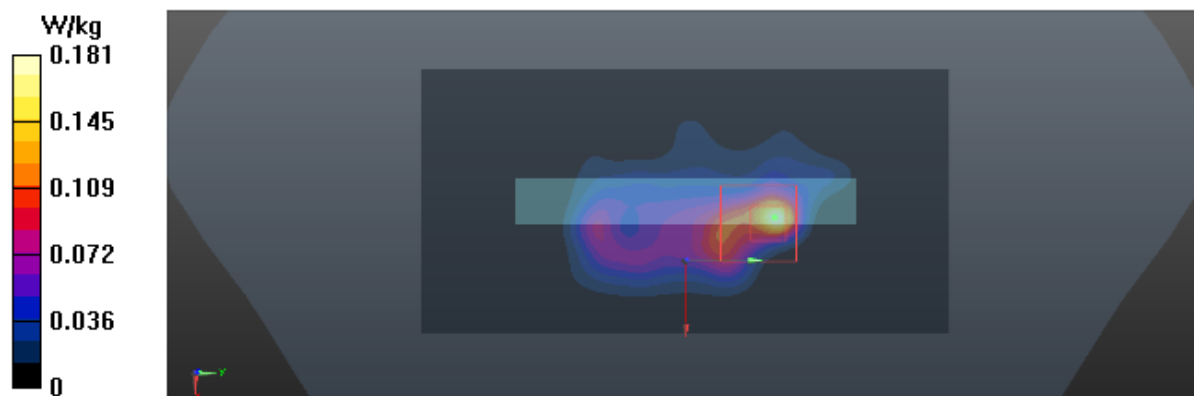
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.892 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.037 W/kg

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



Test Laboratory: BTL Inc.

Date: 2017/2/23

T284_802.11b_Ch6_Top Side_1cm_ANT 2_Battery 2

DUT: 1702C058;

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; $\sigma = 1.989$ S/m; $\epsilon_r = 53.131$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.188 W/kg

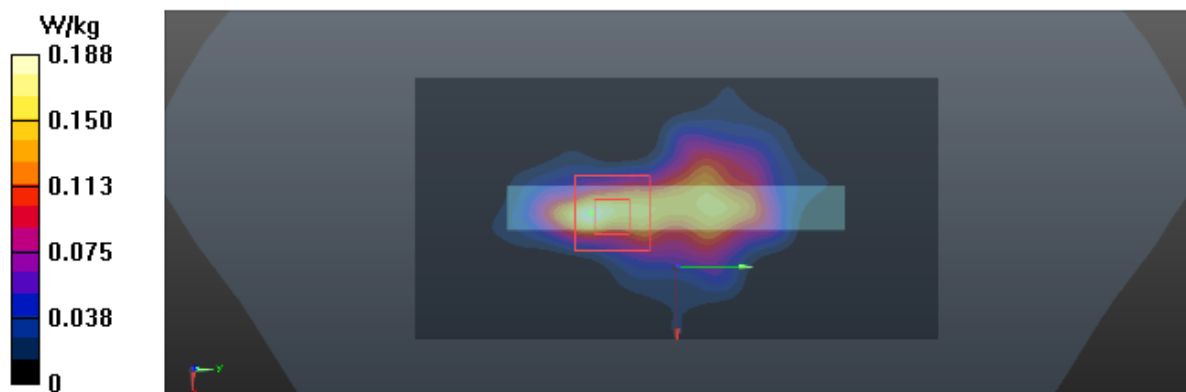
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.272 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



Test Laboratory: BTL Inc.

Date: 2017/2/23

T290_802.11n40_Ch6_Front Face_1cm_ANT1+ 2

DUT: 1702C058;

Communication System: UID 0, IEEE 802.11n(HT40, 27Mbps, BPSK) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 53.206$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3753; ConvF(7.28, 7.28, 7.28); Calibrated: 2016/5/11;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2016/9/22
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (7x13x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0644 W/kg

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

Reference Value = 3.187 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.020 W/kg

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

