

Test Laboratory: BTL Inc.

Date: 02/29/2016

T18_GSM 850_GSM_CH190_Rear Face_1.5cm

DUT: 1602C039;

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.059$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.68, 9.68, 9.68); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

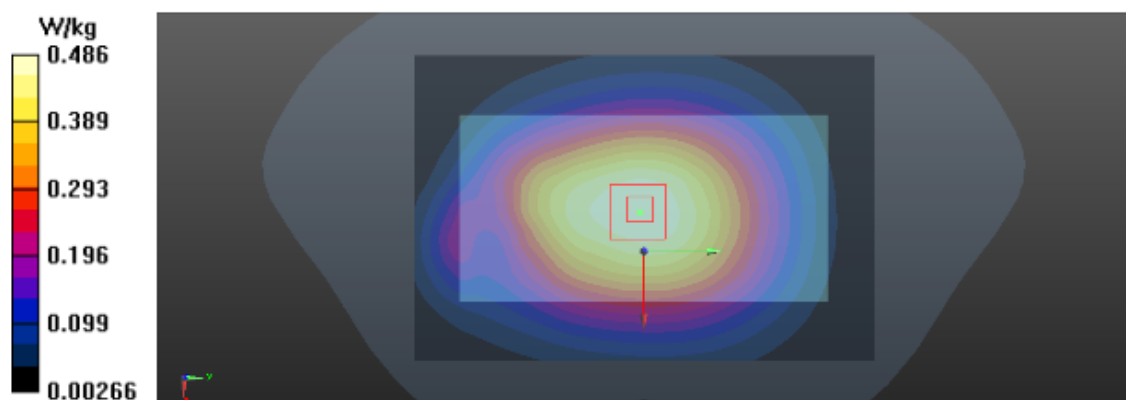
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 0.482 W/kg



Test Laboratory: BTL Inc.

Date: 02/29/2016

T20_GSM 850_GPRS 2TX_CH190_Rear Face_1cm

DUT: 1602C039;

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.059$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.68, 9.68, 9.68); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.541 W/kg

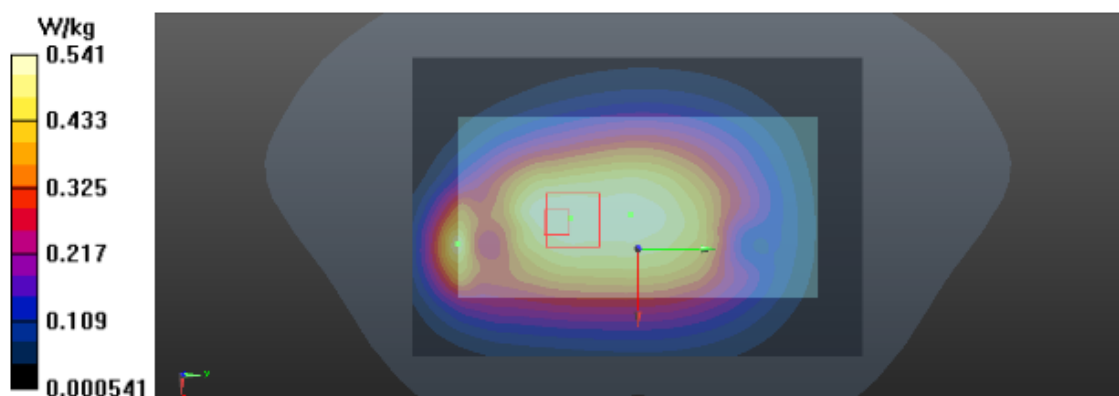
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.70 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



Test Laboratory: BTL Inc.

Date: 02/28/2016

T24_GSM 1900_GSM_CH661_Front Face_1.5cm

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.515$ S/m; $\epsilon_r = 52.571$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.08, 8.08, 8.08); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

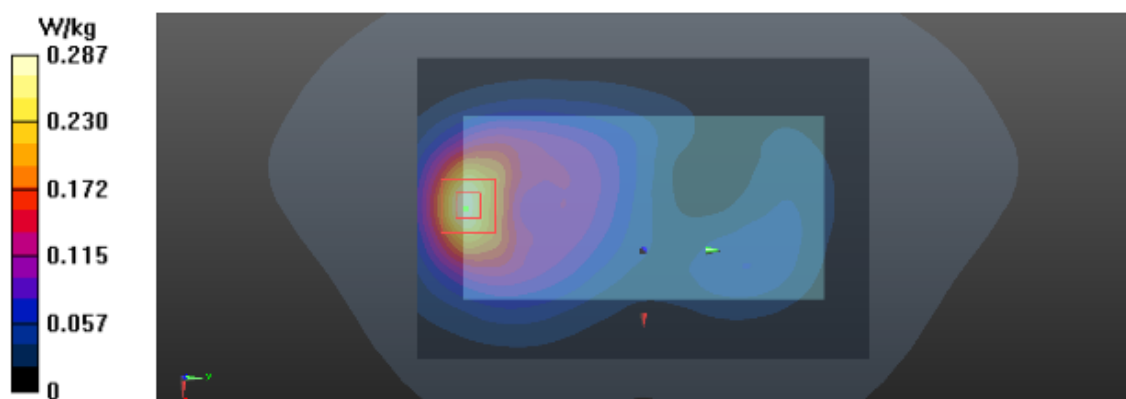
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.603 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.156 W/kg

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



Test Laboratory: BTL Inc.

Date: 02/28/2016

T31_GSM 1900_GPRS 2TX_CH512_Bottom Side_1cm

DUT: 1602C039;

Communication System: UID 0, GPRS 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 52.703$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.08, 8.08, 8.08); Calibrated: 04/24/2015;
- 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 (5x9x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.866 W/kg

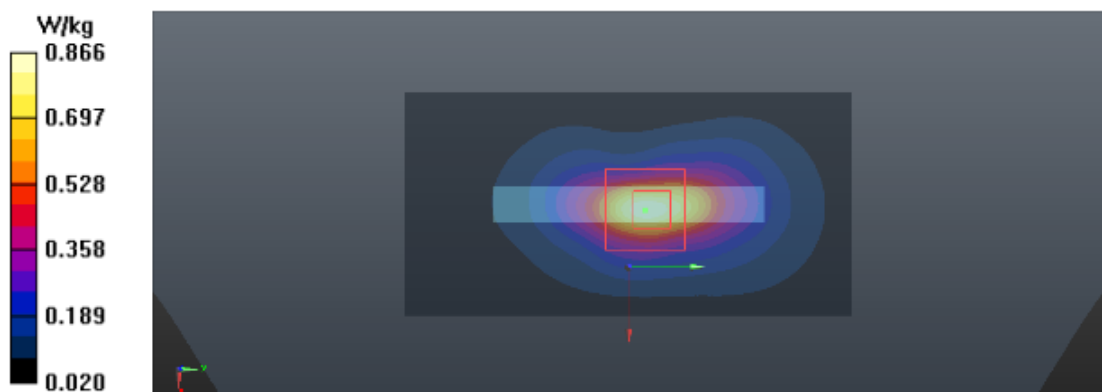
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.62 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (measured) = 0.868 W/kg



Test Laboratory: BTL Inc.

Date: 03/03/2016

T34_WCDMA B2_RMC 12.2K_CH9400_Rear Face_1.5cm

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ S/m; $\epsilon_r = 51.908$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.08, 8.08, 8.08); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.515 W/kg

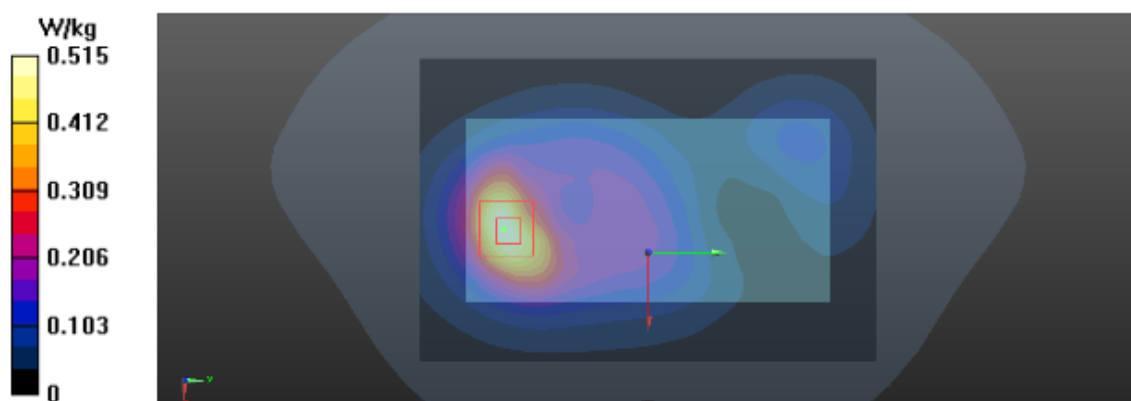
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.70 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.535 W/kg



Test Laboratory: BTL Inc.

Date: 03/03/2016

T39_WCDMA B2_RMC 12.2K_CH9400_Bottom Side_1cm

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ S/m; $\epsilon_r = 51.908$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.08, 8.08, 8.08); Calibrated: 04/24/2015;
- 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 (5x9x1): Interpolated grid: dx=15 mm, dy=15 mm

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

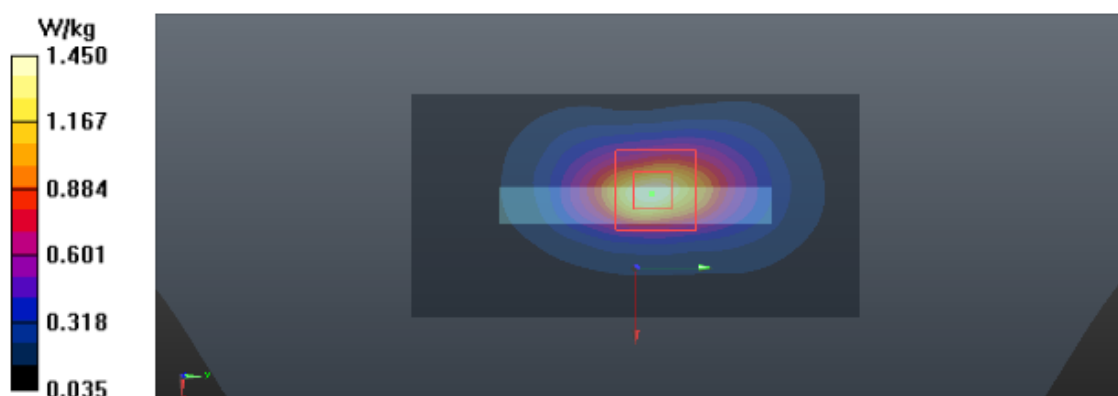
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.29 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.640 W/kg

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



Test Laboratory: BTL Inc.

Date: 02/29/2016

T48_WCDMA B5_RMC 12.2K_CH4182_Rear Face_1.5cm

DUT: 1602C039;

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.059$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.68, 9.68, 9.68); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.416 W/kg

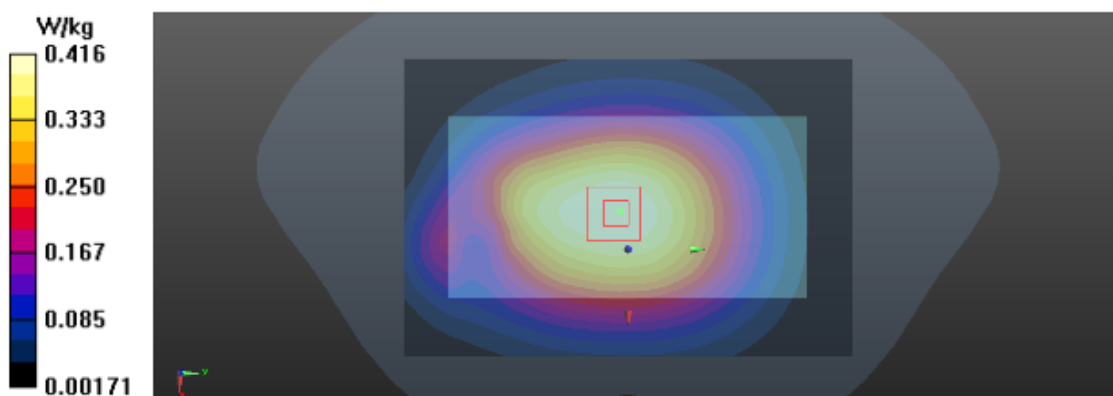
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.40 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.435 W/kg



Test Laboratory: BTL Inc.

Date: 02/29/2016

T50_WCDMA B5_RMC 12.2K_CH4182_Rear Face_1cm

DUT: 1602C039;

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.059$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.68, 9.68, 9.68); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

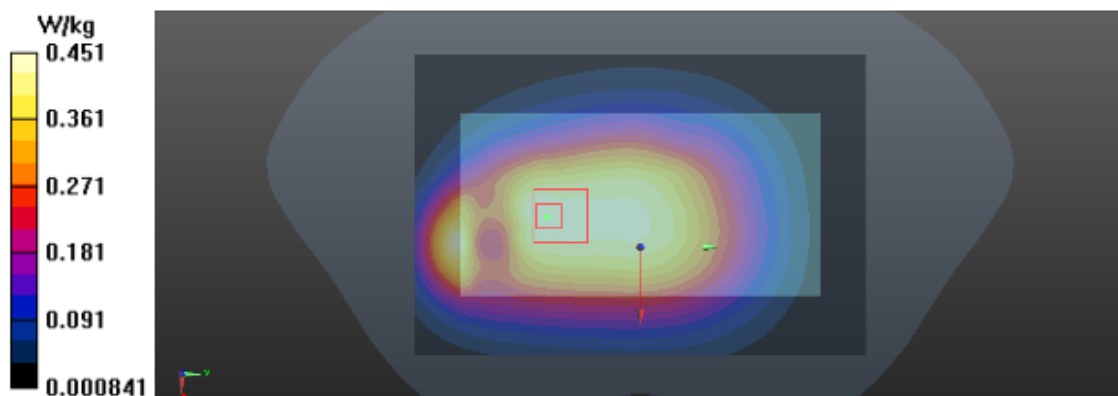
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.95 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



Test Laboratory: BTL Inc.

Date: 03/03/2016

T140_LTE_B2_QPSK_20M_CH18900_1RB_Front Face_1.5cm

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.523$ S/m; $\epsilon_r = 51.908$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.08, 8.08, 8.08); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.498 W/kg

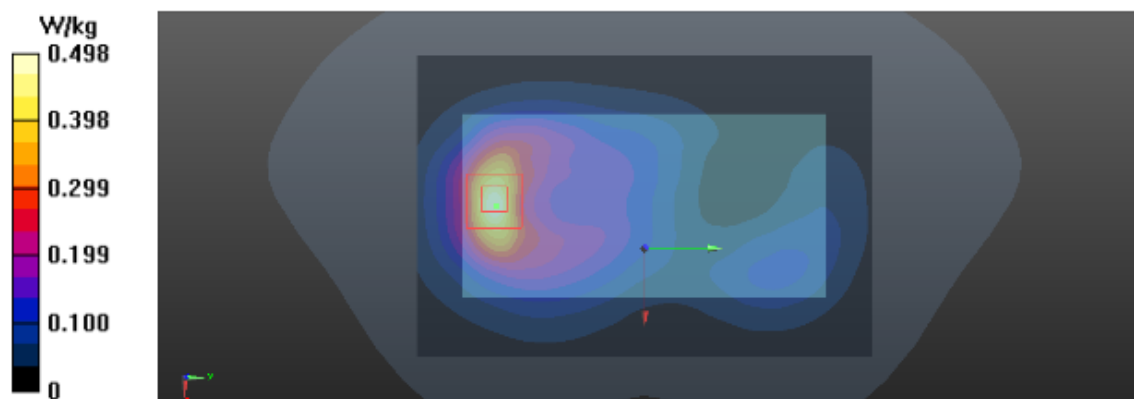
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.885 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



Test Laboratory: BTL Inc.

Date: 03/03/2016

T160_LTE B2_QPSK 20M_CH18700_1RB_Bottom Side_1cm

DUT: 1602C039;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.001$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.08, 8.08, 8.08); Calibrated: 04/24/2015;
- 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 (5x9x1): Interpolated grid: dx=15 mm, dy=15 mm

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

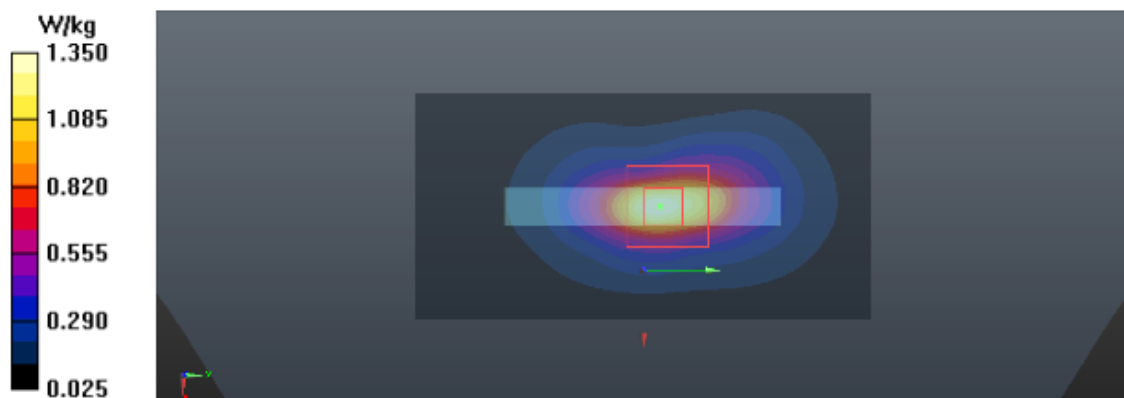
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.12 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.605 W/kg

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



Test Laboratory: BTL Inc.

Date: 03/01/2016

T170_LTE_B4_QPSK_20M_CH20175_1RB_Front Face_1.5cm

DUT: 1602C039;

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; $\sigma = 1.414$ S/m; $\epsilon_r = 54.282$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.6 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.92, 7.92, 7.92); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

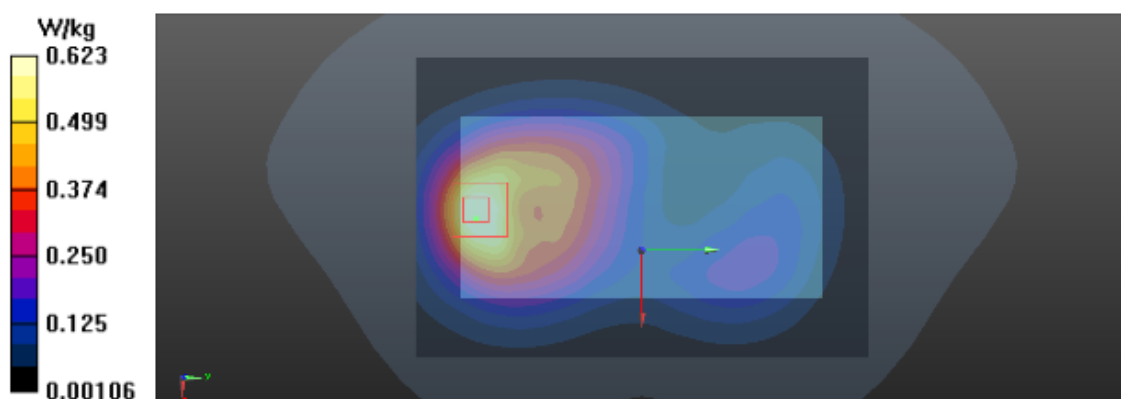
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.710 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.678 W/kg



Test Laboratory: BTL Inc.

Date: 03/01/2016

T185_LTE B4_QPSK 20M_CH20300_1RB_Front Face_1cm

DUT: 1602C039;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 54.234$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.6 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.92, 7.92, 7.92); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

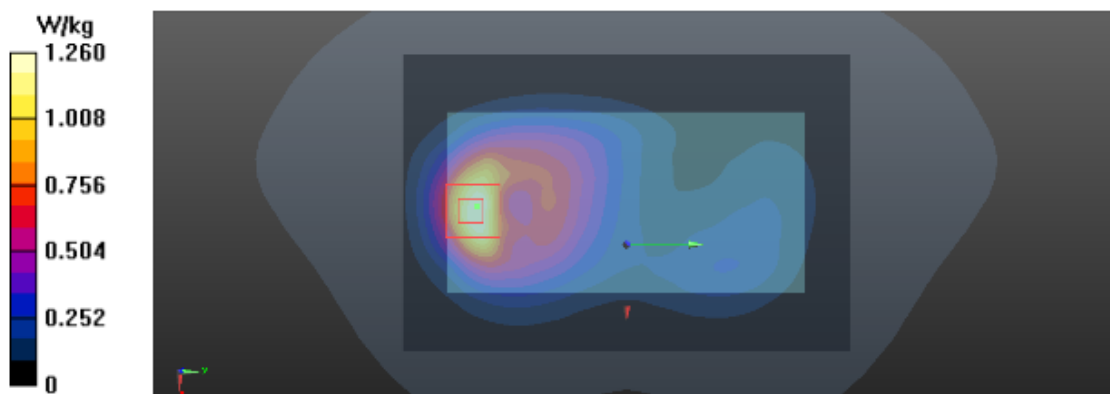
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.42 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.643 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



Test Laboratory: BTL Inc.

Date: 03/04/2016

T199_LTE B7_QPSK 20M_CH21350_1RB_Rear Face_1.5cm

DUT: 1602C039;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.158$ S/m; $\epsilon_r = 52.557$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.24, 7.24, 7.24); Calibrated: 04/24/2015;
- 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 (11x16x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.485 W/kg

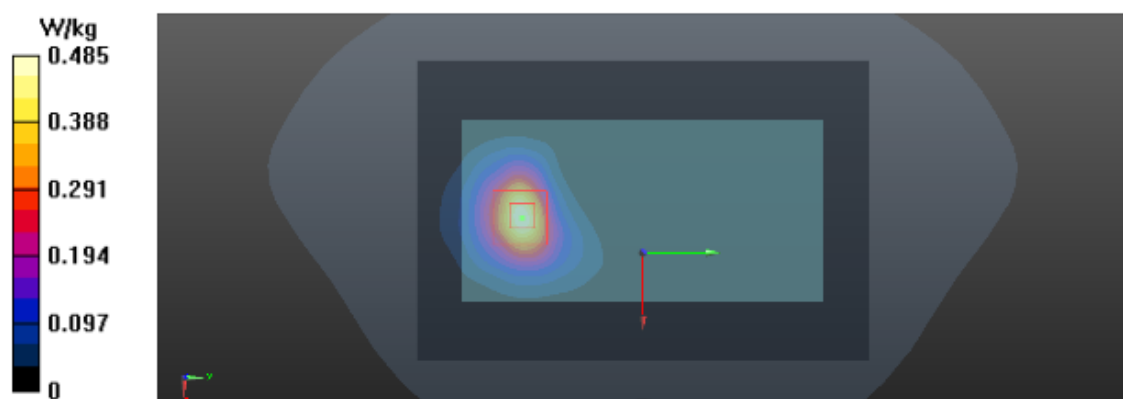
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.5620 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



Test Laboratory: BTL Inc.

Date: 03/04/2016

T206_LTE B7_QPSK 20M_CH21350_1RB_Bottom Side_1cm

DUT: 1602C039;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.158$ S/m; $\epsilon_r = 52.557$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.5 °C; Liquid Temperature: 22.1 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.24, 7.24, 7.24); Calibrated: 04/24/2015;
- 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 (6x11x1): Interpolated grid: dx=12 mm, dy=12 mm

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

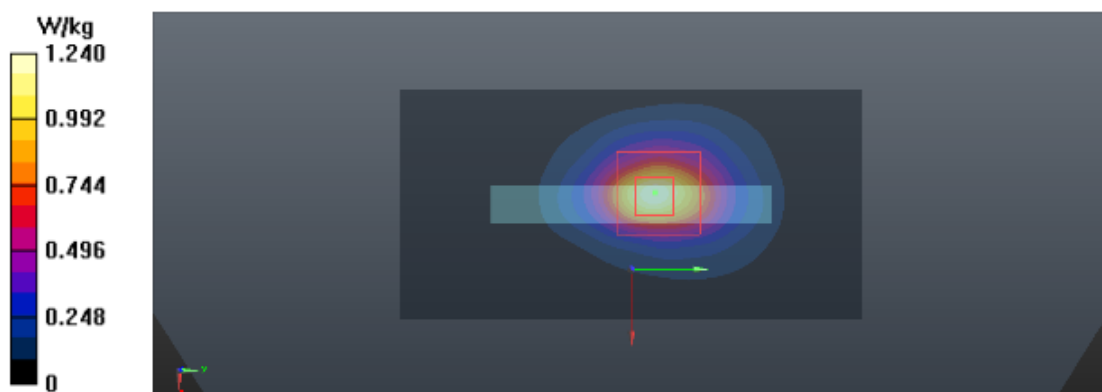
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.83 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.476 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



Test Laboratory: BTL Inc.

Date: 03/04/2016

T225_802.11b_CH1_Rear Face_1.5cm

DUT: 1602C039;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.724$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.31, 7.31, 7.31); Calibrated: 04/24/2015;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0155 W/kg

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

Reference Value = 0.1170 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.00711 W/kg; SAR(10 g) = 0.00228 W/kg

Maximum value of SAR (measured) = 0.00649 W/kg



Test Laboratory: BTL Inc.

Date: 03/04/2016

T227_802.11b_CH1_Rear Face_1cm

DUT: 1602C039;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 51.724$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.31, 7.31, 7.31); Calibrated: 04/24/2015;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0298 W/kg

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

Reference Value = 0.6230 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00559 W/kg

Maximum value of SAR (measured) = 0.0189 W/kg



Test Laboratory: BTL Inc.

Date: 02/29/2016

T01_GSM 850_GSM_CH190_Right Cheek

DUT: 1602C039;

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.527$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.6, 9.6, 9.6); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.349 W/kg

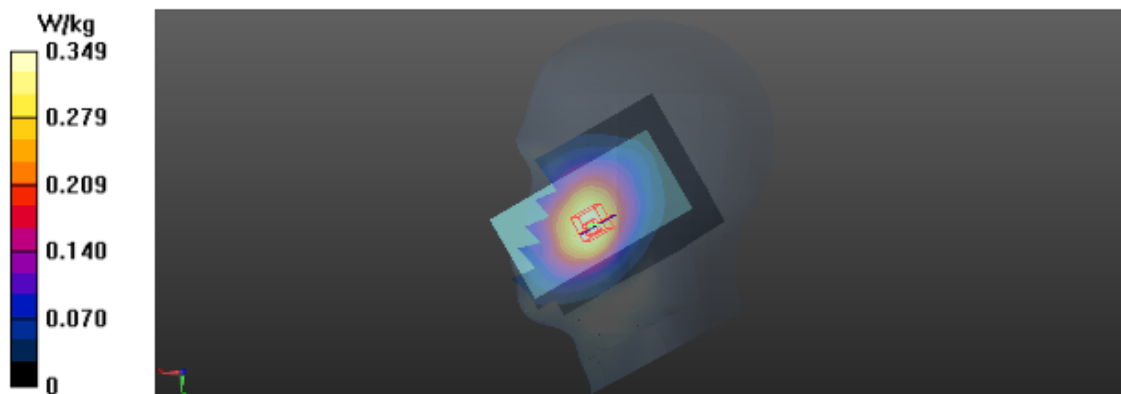
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.272 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.349 W/kg



Test Laboratory: BTL Inc.

Date: 03/03/2016

T07_GSM 1900_GSM_CH661_Left Cheek

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 39.785$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.94, 7.94, 7.94); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

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

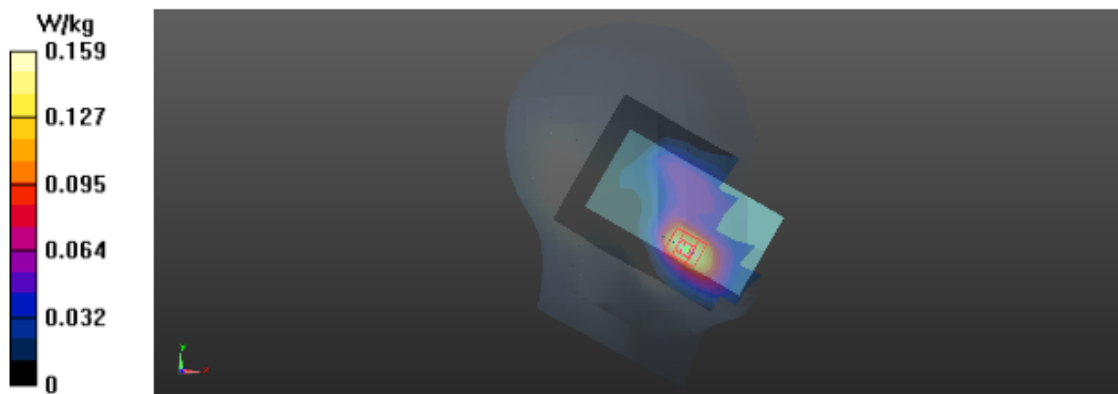
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.647 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.087 W/kg

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



Test Laboratory: BTL Inc.

Date: 03/03/2016

T11_WCDMA B2_RMC 12.2K_CH9400_Left Cheek

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 39.785$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.94, 7.94, 7.94); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.272 W/kg

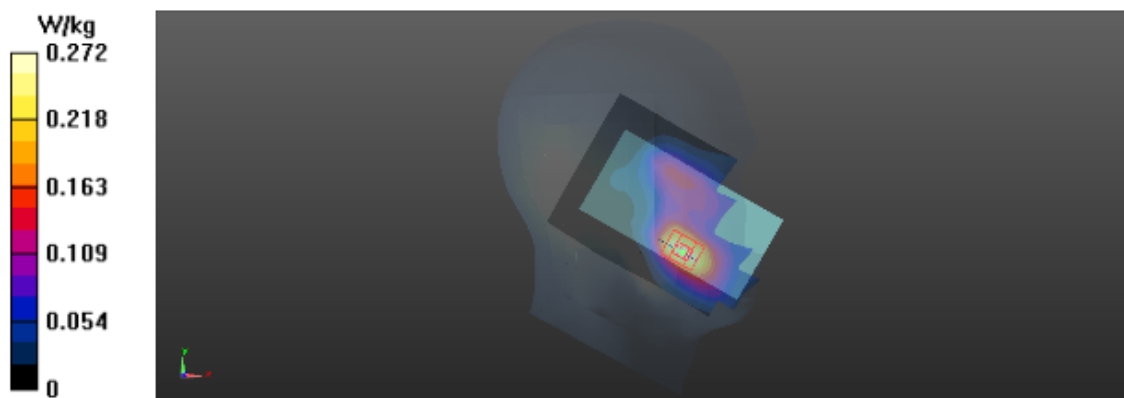
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.853 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



Test Laboratory: BTL Inc.

Date: 02/29/2016

T13_WCDMA B5_RMC 12.2K_CH4182_Right Cheek

DUT: 1602C039;

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

Medium parameters used: $f = 837$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.527$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(9.6, 9.6, 9.6); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.276 W/kg

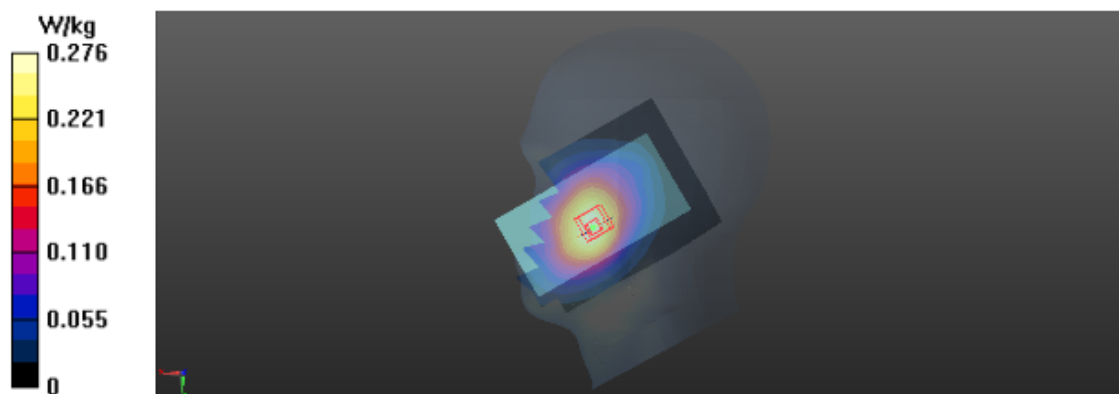
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.908 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.210 W/kg

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



Test Laboratory: BTL Inc.

Date: 03/03/2016

T103_LTE B2_QPSK 20M_CH18900_1RB_Left Cheek

DUT: 1602C039;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 39.785$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.94, 7.94, 7.94); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

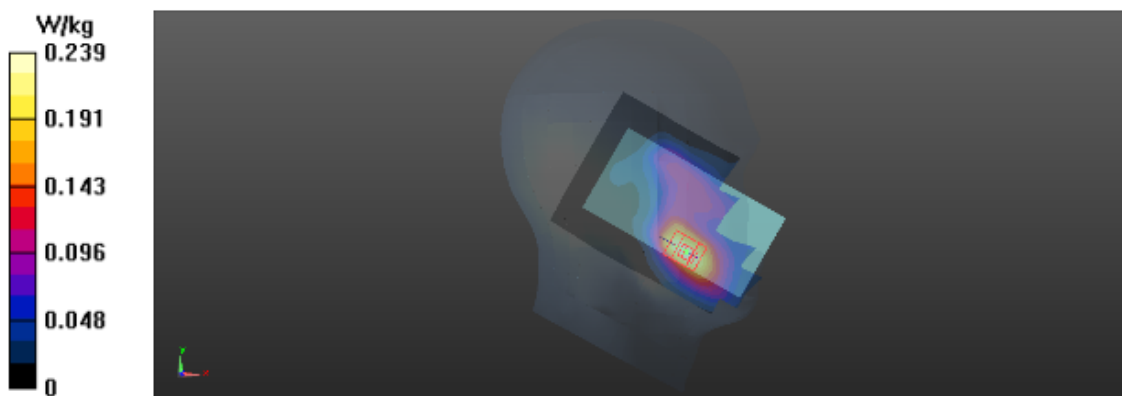
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.167 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.226 W/kg



Test Laboratory: BTL Inc.

Date: 03/01/2016

T111_LTE B4_QPSK 20M_CH20175_1RB_Right Cheek

DUT: 1602C039;

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; $\sigma = 1.368$ S/m; $\epsilon_r = 41.521$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.5 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(8.43, 8.43, 8.43); Calibrated: 04/24/2015;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.436 W/kg

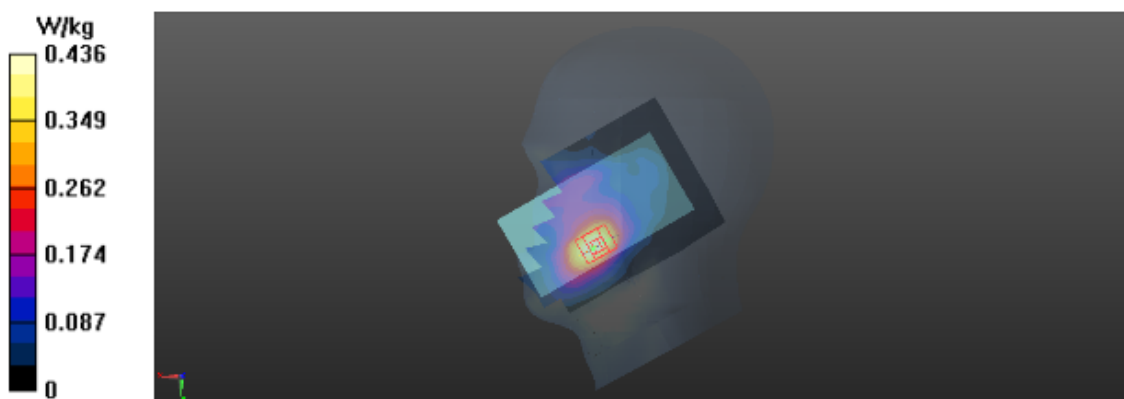
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.895 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.442 W/kg



Test Laboratory: BTL Inc.

Date: 03/04/2016

T121_LTE B7_QPSK 20M_CH21350_1RB_Right Cheek

DUT: 1602C039;

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 38.54$; $\rho = 1000$ kg/m³

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.1, 7.1, 7.1); Calibrated: 04/24/2015;
- 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 (12x17x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.112 W/kg

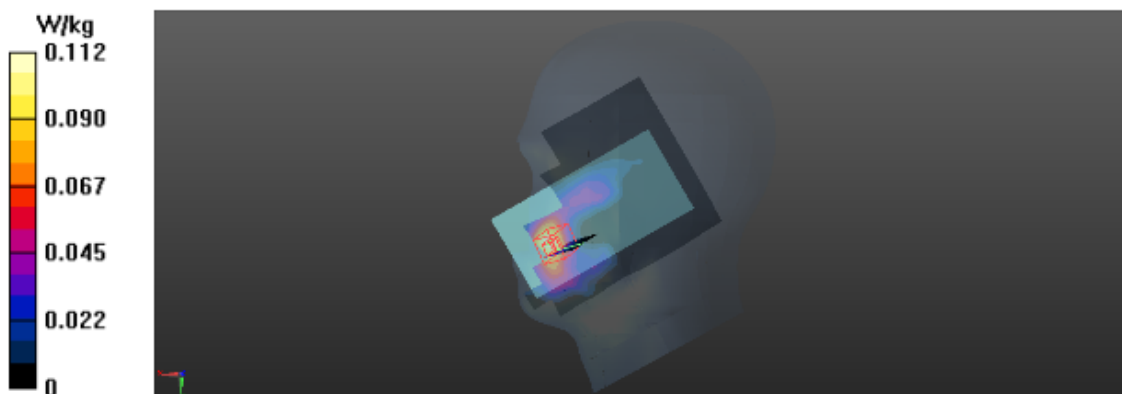
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



Test Laboratory: BTL Inc.

Date: 03/04/2016

T220_802.11b_CH1_Right Cheek

DUT: 1602C039;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 39.231$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.17, 7.17, 7.17); Calibrated: 04/24/2015;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm

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

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

Reference Value = 2.440 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.163 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0808 W/kg

