T03_GSM 850_GSM_CH190_Left Cheek

DUT: 1601C010;

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

Medium parameters used: f = 837 MHz; σ = 0.918 S/m; $ε_r$ = 42.727; ρ = 1000 kg/m³

Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(9.75, 9.75, 9.75); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

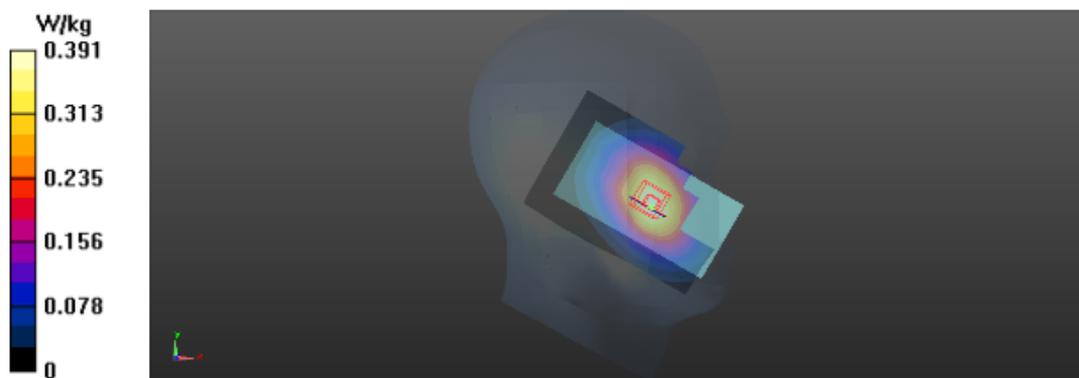Maximum value of SAR (interpolated) = 0.391 W/kg

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

Reference Value = 6.201 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.376 W/kg

Test Laboratory: BTL Inc.   Date: 01/19/2016

T13_GSM 1900_GSM_CH661_Left Cheek_Battery 3

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 39.507; ρ = 1000 kg/m^3

Ambient Temperature: 23.1 ℃; Liquid Temperature: 22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.23, 8.23, 8.23); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

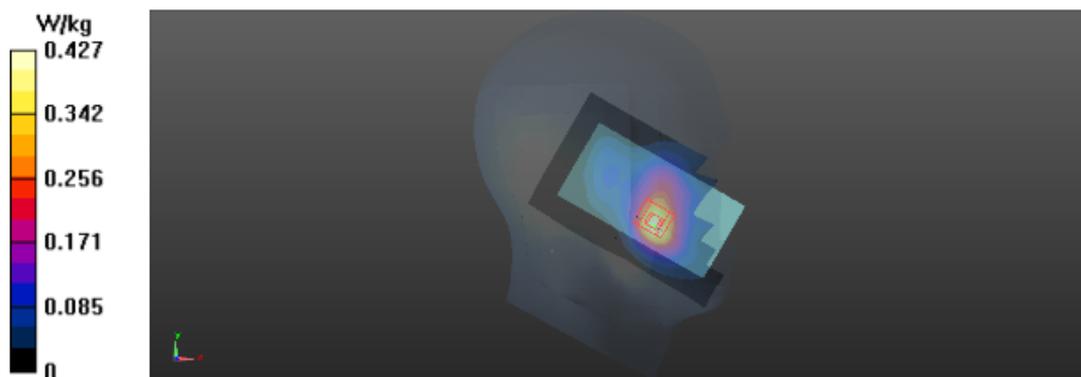Maximum value of SAR (interpolated) = 0.427 W/kg

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

Reference Value = 4.718 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.395 W/kg

T20_WCDMA B2_RMC 12.2K_CH9400_Left Cheek_Battery 3

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε_r = 39.507; ρ = 1000 kg/m^3

Ambient Temperature: 23.1 ℃; Liquid Temperature: 22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.23, 8.23, 8.23); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

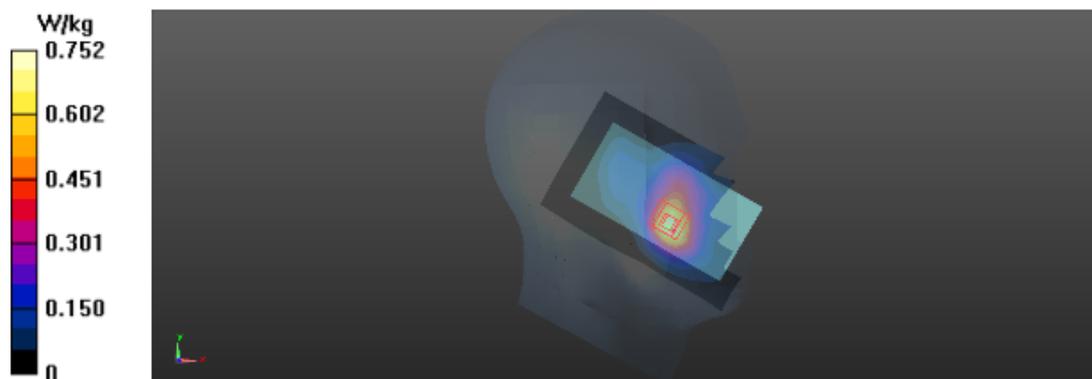Maximum value of SAR (interpolated) = 0.752 W/kg

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

Reference Value = 6.236 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 0.701 W/kg

Test Laboratory: BTL Inc.   Date: 01/18/2016

T24_WCDMA B4_RMC 12.2K_CH1413_Left Cheek

DUT: 1601C010;

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

Medium parameters used: f = 1733 MHz; σ = 1.364 S/m; $ε_r$ = 39.538; ρ = 1000 kg/m³

Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.42, 8.42, 8.42); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

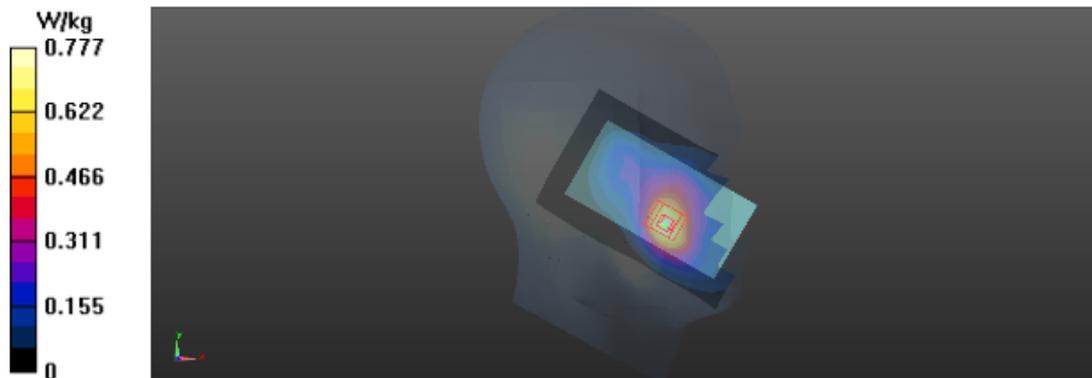Maximum value of SAR (interpolated) = 0.777 W/kg

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

Reference Value = 7.441 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.751 W/kg

Test Laboratory: BTL Inc.   Date: 01/16/2016

T31_WCDMA B5_RMC 12.2K_CH4182_Left Cheek

DUT: 1601C010;

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

Medium parameters used: f = 837 MHz; σ = 0.918 S/m; $ε_r$ = 42.727; ρ = 1000 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(9.75, 9.75, 9.75); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

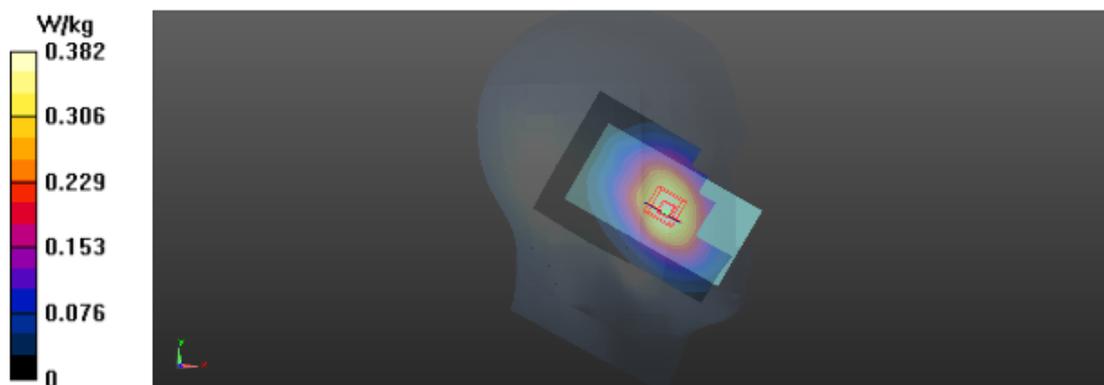Maximum value of SAR (interpolated) = 0.382 W/kg

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

Reference Value = 6.521 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.372 W/kg

T202_LTE B2_QPSK20M_CH18900_1RB_Left Cheek

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.396 S/m; ε $_r$ = 39.507; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(8.23, 8.23, 8.23); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
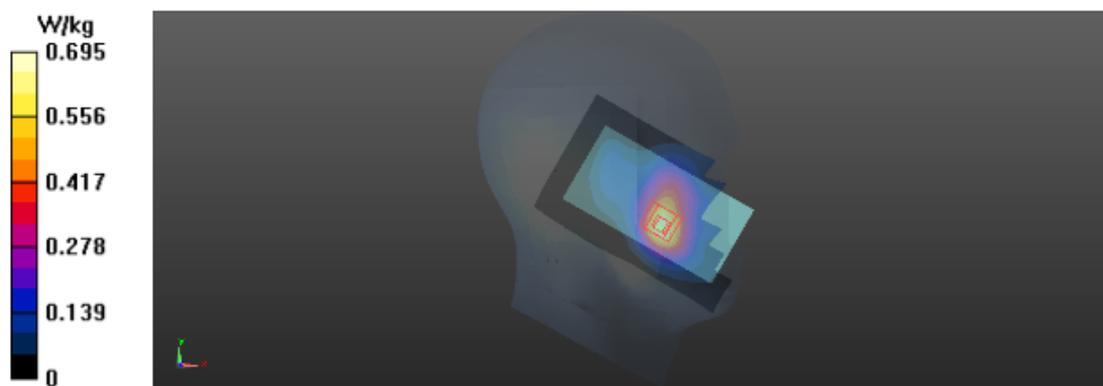
Maximum value of SAR (interpolated) = 0.695 W/kg

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

Reference Value = 6.545 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.665 W/kg

Test Laboratory: BTL Inc.   Date: 01/18/2016

T213_LTE B4_QPSK20M_CH20175_1RB_Left Cheek

DUT: 1601C010;

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; σ = 1.363 S/m; ε_r = 39.541; ρ = 1000 kg/m³

Ambient Temperature：23.1 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(8.42, 8.42, 8.42); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

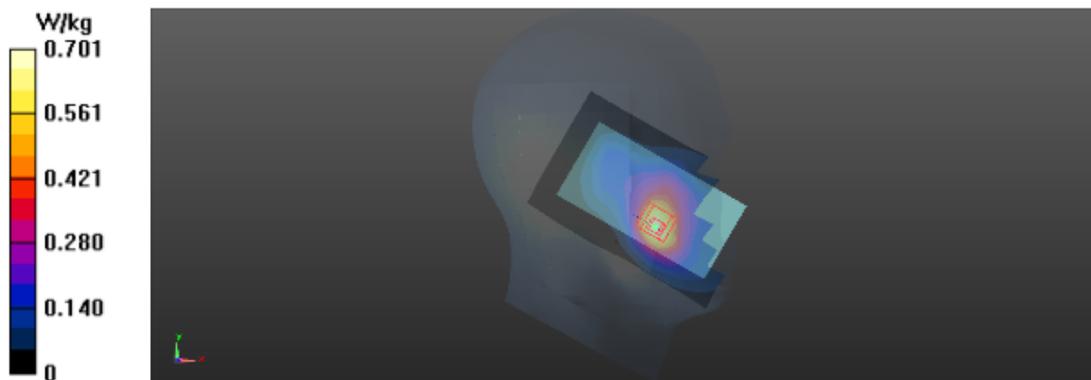Maximum value of SAR (interpolated) = 0.701 W/kg

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

Reference Value = 6.450 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.393 W/kg

Maximum value of SAR (measured) = 0.665 W/kg

Test Laboratory: BTL Inc.   Date: 01/16/2016

T224_LTE B5_QPSK10M_CH20525_1RB_Left Cheek

DUT: 1601C010;

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; σ = 0.918 S/m; $ε_r$ = 42.734; ρ = 1000 kg/m³

Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(9.75, 9.75, 9.75); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

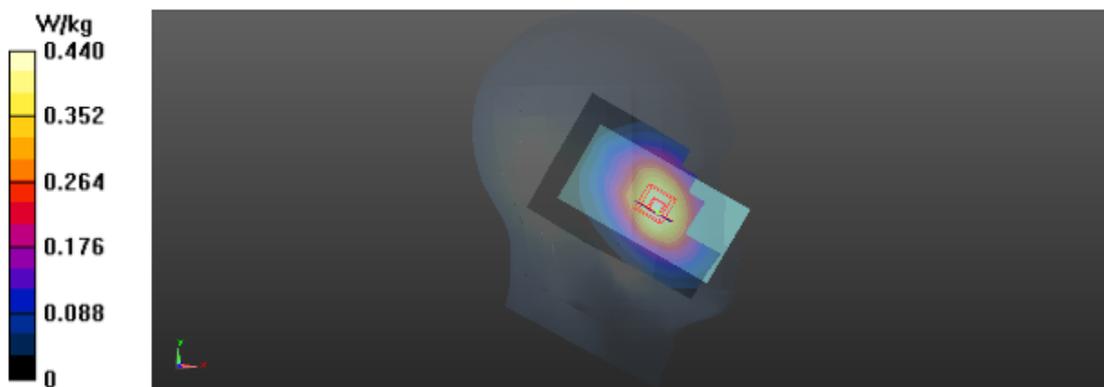Maximum value of SAR (interpolated) = 0.440 W/kg

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

Reference Value = 6.831 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 0.429 W/kg

T242_LTE B7_QPSK20M_CH21100_1RB_Left Cheek_Battery 3

DUT: 1601C010;

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

Medium parameters used: f = 2535 MHz; σ = 1.978 S/m; ε_r = 38.292; ρ = 1000 kg/m^3

Ambient Temperature: 23.5 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- 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 (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm

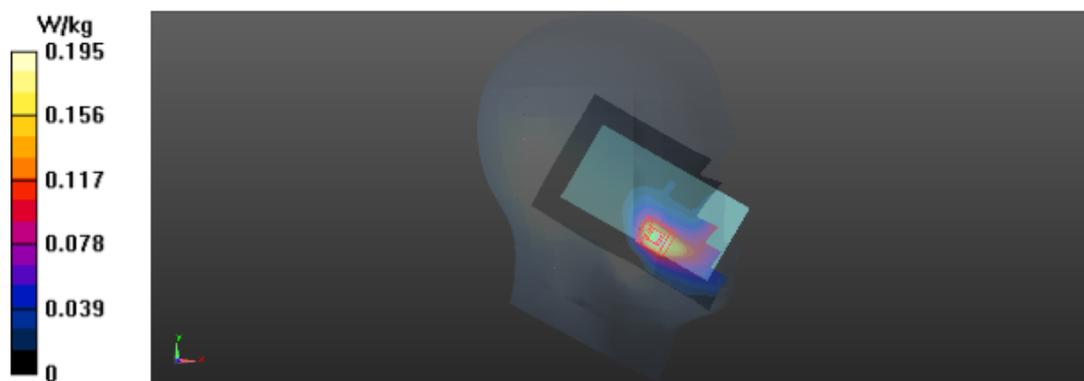Maximum value of SAR (interpolated) = 0.195 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.088 W/kg

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

T407_802.11b_CH6_Right Cheek_Battery 3

DUT: 1601C010;

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; σ = 1.853 S/m; ε$_r$ = 38.897; ρ = 1000 kg/m³

Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- 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 (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm

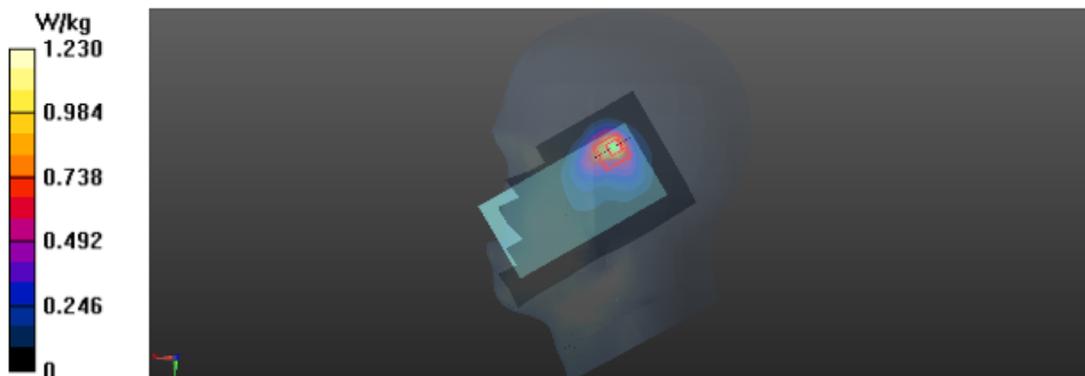Maximum value of SAR (interpolated) = 1.23 W/kg

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

Reference Value = 11.75 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.461 W/kg

Maximum value of SAR (measured) = 1.07 W/kg

Test Laboratory: BTL Inc.   Date: 01/15/2016

T37_GSM 850_GSM_CH190_Rear Face_1.5cm

DUT: 1601C010;

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

Medium parameters used: f = 837 MHz; σ = 0.975 S/m; ε_r = 54.274; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
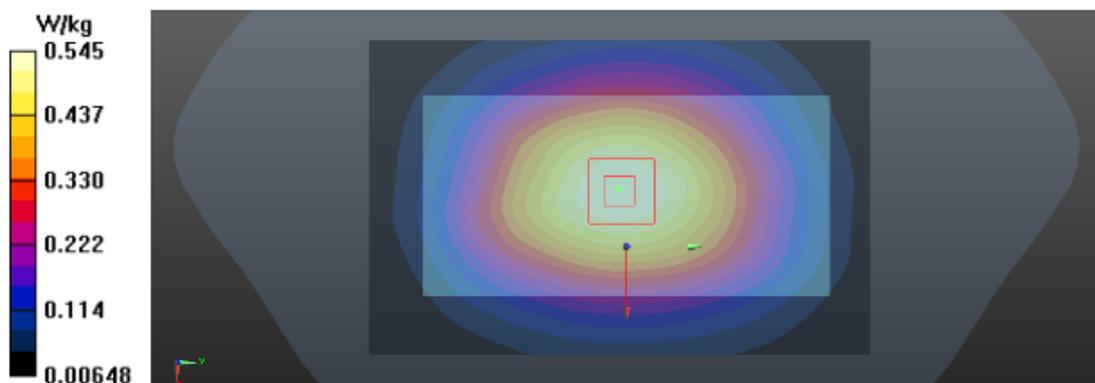
Maximum value of SAR (interpolated) = 0.545 W/kg

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

Reference Value = 23.56 V/m; Power Drift = −0.07 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 0.540 W/kg

T42_GSM 850_GPRS 2TX_CH190_Rear Face_1cm

DUT: 1601C010;

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 0.975 S/m; ε_r = 54.274; ρ = 1000 kg/m³

Ambient Temperature: 23.4 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

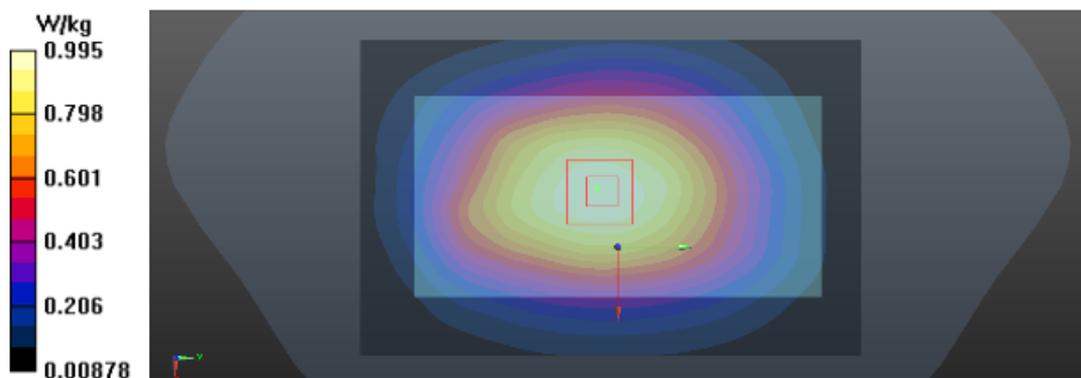Maximum value of SAR (interpolated) = 0.995 W/kg

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

Reference Value = 31.95 V/m; Power Drift = −0.02 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.733 W/kg

Maximum value of SAR (measured) = 0.982 W/kg

Test Laboratory: BTL Inc.   Date: 01/15/2016

T52_GSM 1900_GSM_CH661_Front Face_1.5cm

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε$_r$ = 52.108; ρ = 1000 kg/m^3

Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

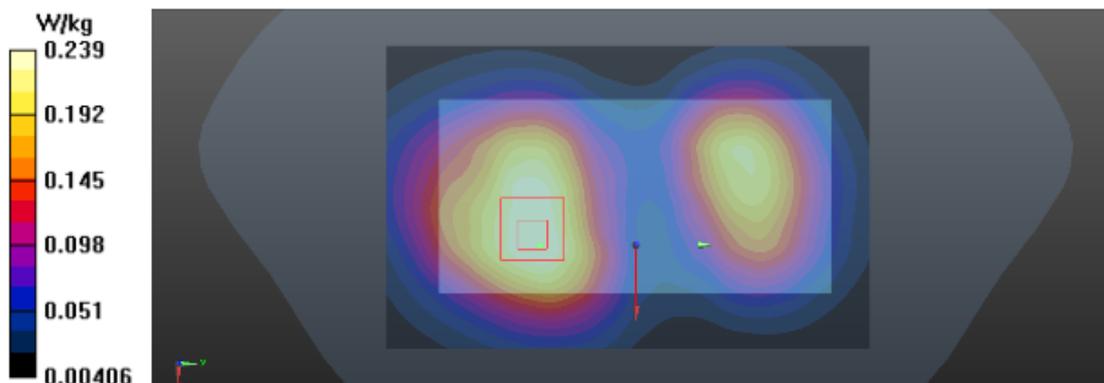Maximum value of SAR (interpolated) = 0.239 W/kg

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

Reference Value = 5.603 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.232 W/kg

T058_GSM 1900_GPRS 2TX_CH661_Rear Face_1cm

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 52.108; ρ = 1000 kg/m³

Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

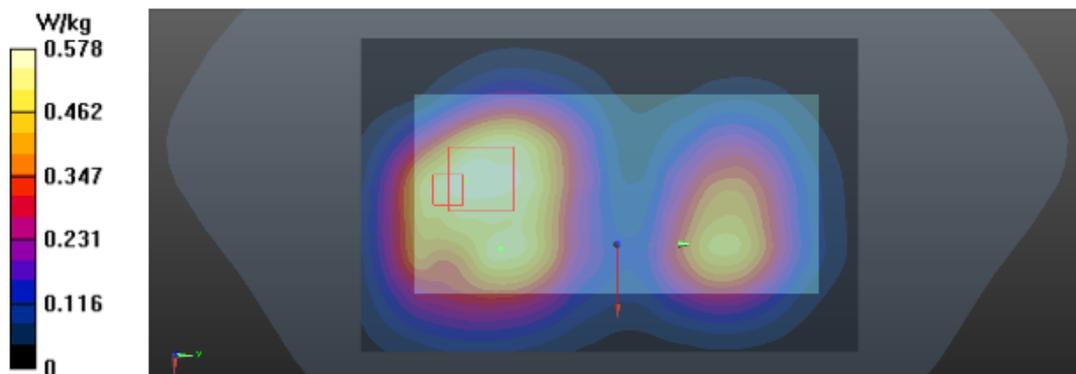Maximum value of SAR (interpolated) = 0.578 W/kg

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

Reference Value = 7.473 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.563 W/kg

Test Laboratory: BTL Inc.   Date: 01/16/2016

T65_WCDMA B2_RMC 12.2K_CH9400_Front Face_1.5cm

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 52.108; ρ = 1000 kg/m³

Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

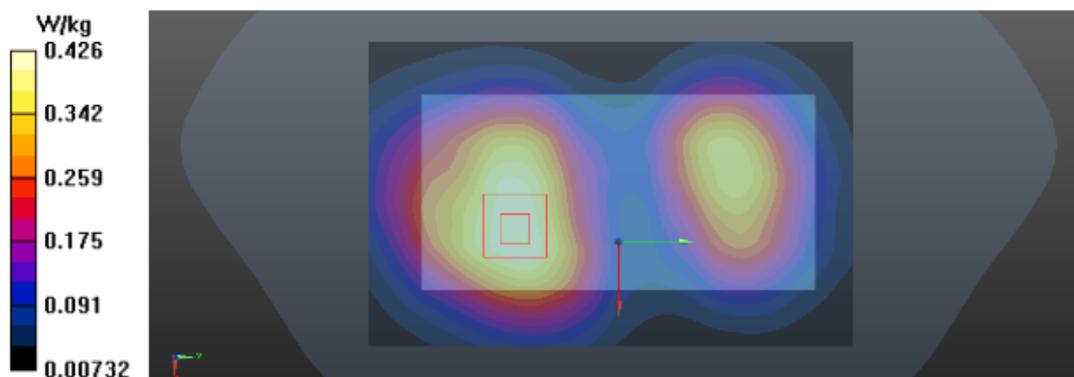Maximum value of SAR (interpolated) = 0.426 W/kg

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

Reference Value = 7.622 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.412 W/kg

T71_WCDMA B2_RMC 12.2K_CH9400_Rear Face_1cm

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 52.108; ρ = 1000 kg/m³

Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

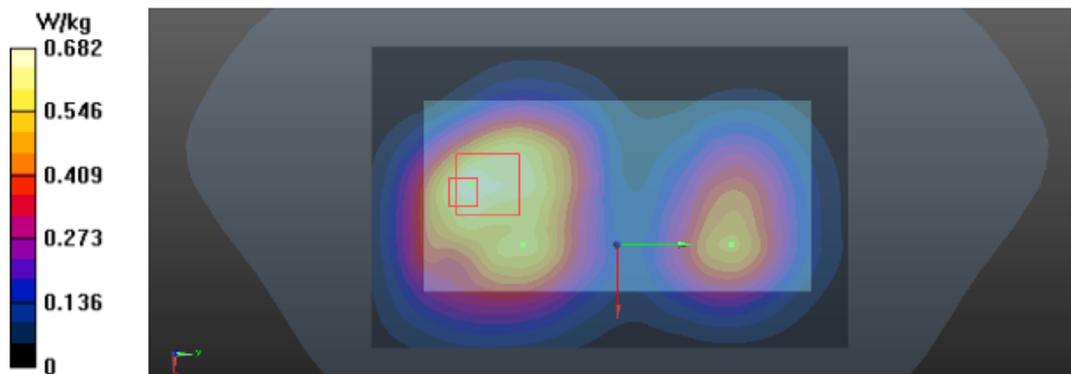Maximum value of SAR (interpolated) = 0.682 W/kg

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

Reference Value = 8.783 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.380 W/kg

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

Test Laboratory: BTL Inc.   Date: 01/17/2016

T79_WCDMA B4_RMC 12.2K_CH1413_Rear Face_1.5cm

DUT: 1601C010;

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

Medium parameters used: f = 1733 MHz; σ = 1.437 S/m; ε_r = 54.245; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

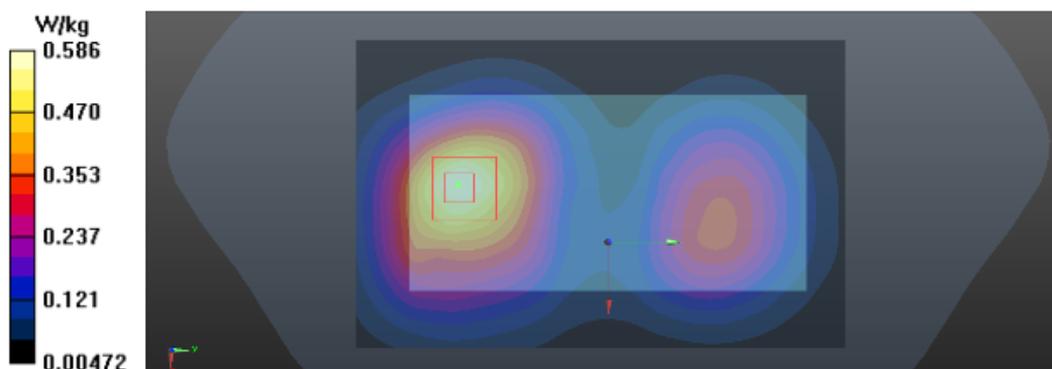Maximum value of SAR (interpolated) = 0.586 W/kg

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

Reference Value = 6.399 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.580 W/kg

Test Laboratory: BTL Inc.   Date: 01/17/2016

T91_WCDMA B4_RMC 12.2K_CH1513_Rear Face_1cm

DUT: 1601C010;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1753 MHz; σ = 1.465 S/m; ε_r = 54.182; ρ = 1000 kg/m³

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;

- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm
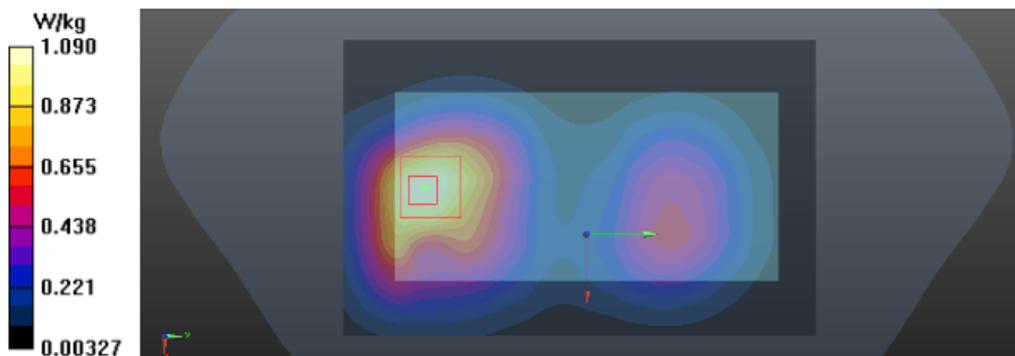
Maximum value of SAR (interpolated) = 1.09 W/kg

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

Reference Value = 9.229 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.635 W/kg

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

T100_WCDMA B5_RMC 12.2K_CH4182_Rear Face_1.5cm_Battery 2

DUT: 1601C010;

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

Medium parameters used: f = 837 MHz; σ = 0.975 S/m; ε_r = 54.274; ρ = 1000 kg/m³

Ambient Temperature: 23.4 ℃; Liquid Temperature: 22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

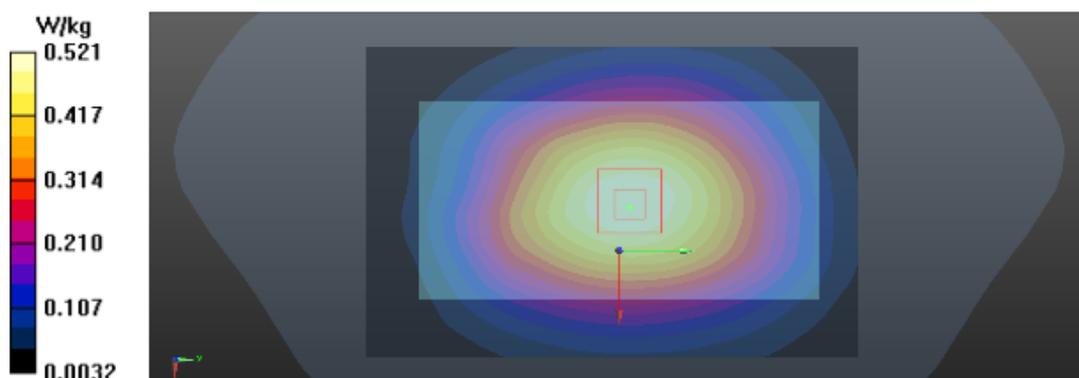Maximum value of SAR (interpolated) = 0.521 W/kg

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

Reference Value = 23.19 V/m; Power Drift = −0.08 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.381 W/kg

Maximum value of SAR (measured) = 0.513 W/kg

Test Laboratory: BTL Inc.   Date: 01/15/2016

T104_WCDMA B5_RMC 12.2K_CH4182_Rear Face_1cm

DUT: 1601C010;

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

Medium parameters used: f = 837 MHz; σ = 0.975 S/m; ε_r = 54.274; ρ = 1000 kg/m³

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

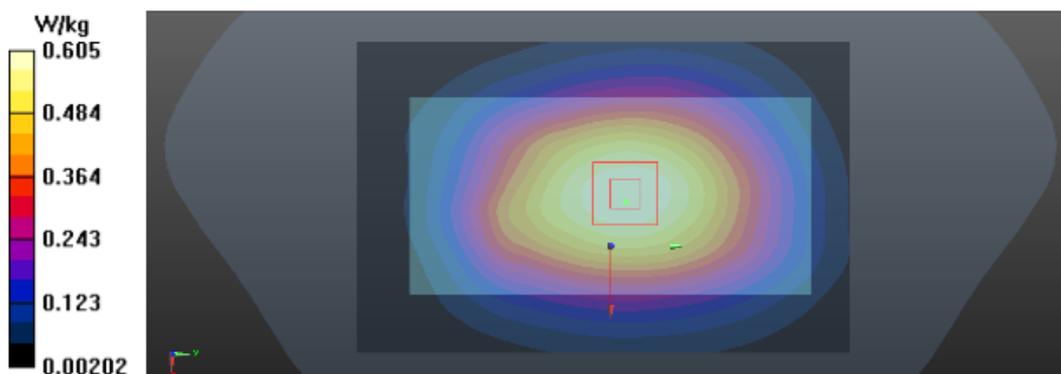Maximum value of SAR (interpolated) = 0.605 W/kg

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

Reference Value = 24.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 0.598 W/kg

T255_LTE B2_QPSK20M_CH18900_1RB_Front Face_1.5cm

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 52.108; ρ = 1000 kg/m³

Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- 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 (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

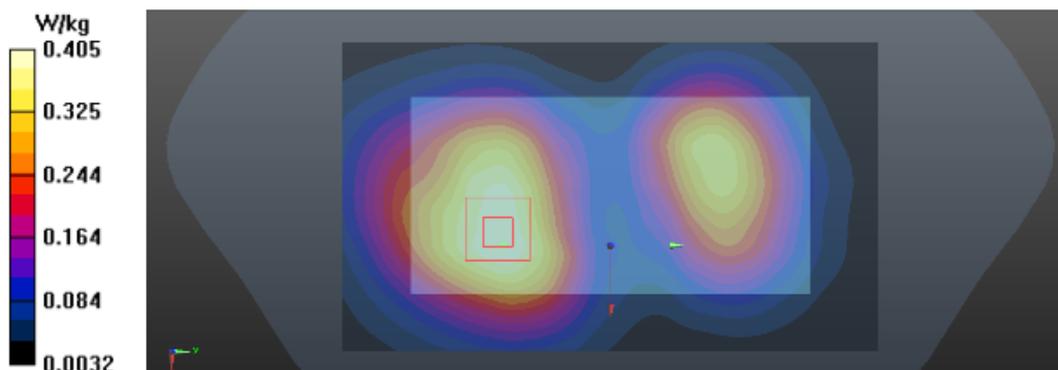Maximum value of SAR (interpolated) = 0.405 W/kg

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

Reference Value = 7.251 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.389 W/kg

Test Laboratory: BTL Inc.   Date: 01/16/2016

T263_LTE B2_QPSK20M_CH18900_1RB_Rear Face_1cm

DUT: 1601C010;

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

Medium parameters used: f = 1880 MHz; σ = 1.524 S/m; ε_r = 52.108; ρ = 1000 kg/m^3

Ambient Temperature: 23.1 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- 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 (8x13x1): Interpolated grid: dx=15 mm, dy=15 mm

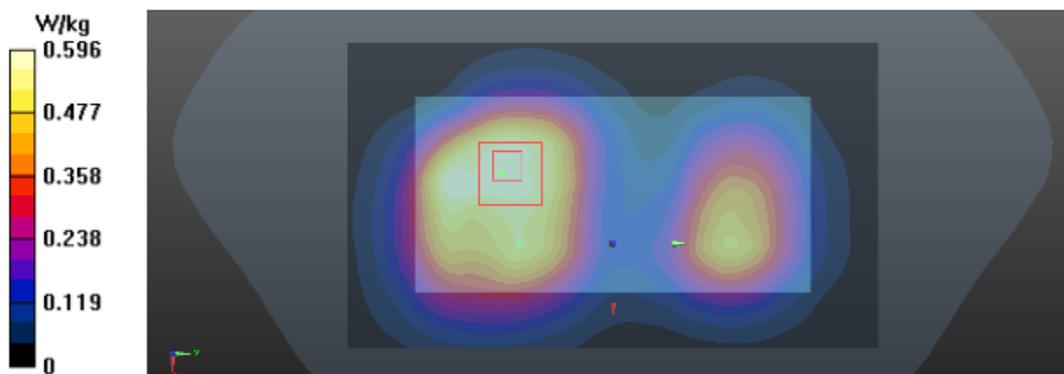Maximum value of SAR (interpolated) = 0.596 W/kg

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

Reference Value = 9.115 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.961 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.587 W/kg

Test Laboratory: BTL Inc.　　　　　　　　Date: 01/17/2016

T276_LTE B4_QPSK20M_CH20175_1RB_Rear Face_1.5cm

DUT: 1601C010;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1.25893

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.437 S/m; ε$_r$ = 54.252; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

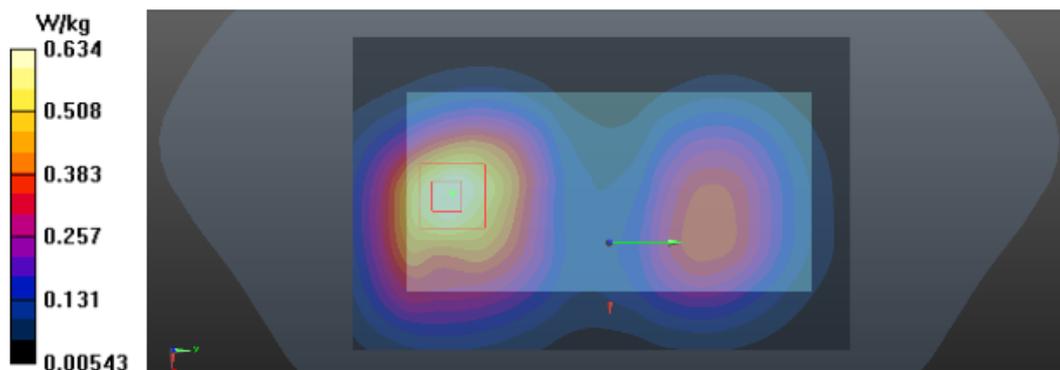Maximum value of SAR (interpolated) = 0.634 W/kg

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

Reference Value = 7.073 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 0.624 W/kg

T286_LTE B4_QPSK20M_CH20175_1RB_Bottom Side_1cm

DUT: 1601C010;

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; σ = 1.437 S/m; ε_r = 54.252; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- 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 (5x9x1): Interpolated grid: dx=15 mm, dy=15 mm

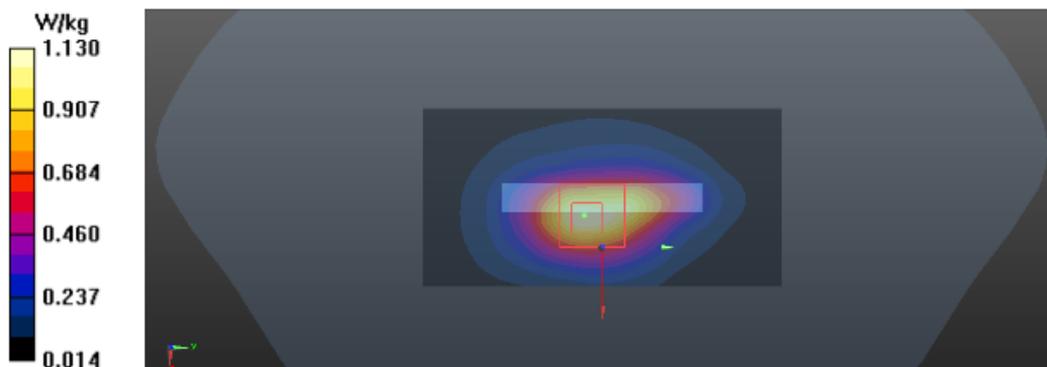Maximum value of SAR (interpolated) = 1.13 W/kg

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

Reference Value = 24.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 1.17 W/kg

Test Laboratory: BTL Inc.   Date: 01/15/2016

T304_LTE B5_QPSK10M_CH20525_1RB_Rear Face_1.5cm

DUT: 1601C010;

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; σ = 0.975 S/m; ε$_r$ = 54.278; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;

- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

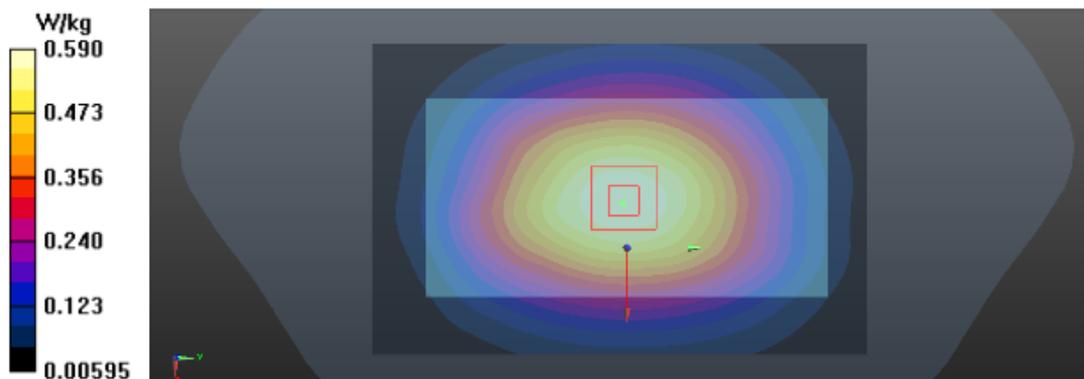Maximum value of SAR (interpolated) = 0.590 W/kg

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

Reference Value = 24.48 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 0.581 W/kg

Test Laboratory: BTL Inc.   Date: 01/15/2016

T311_LTE B5_QPSK10M_CH20525_1RB_Rear Face_1cm

DUT: 1601C010;

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; σ = 0.975 S/m; ε $_r$ = 54.278; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- 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 (8x12x1): Interpolated grid: dx=15 mm, dy=15 mm

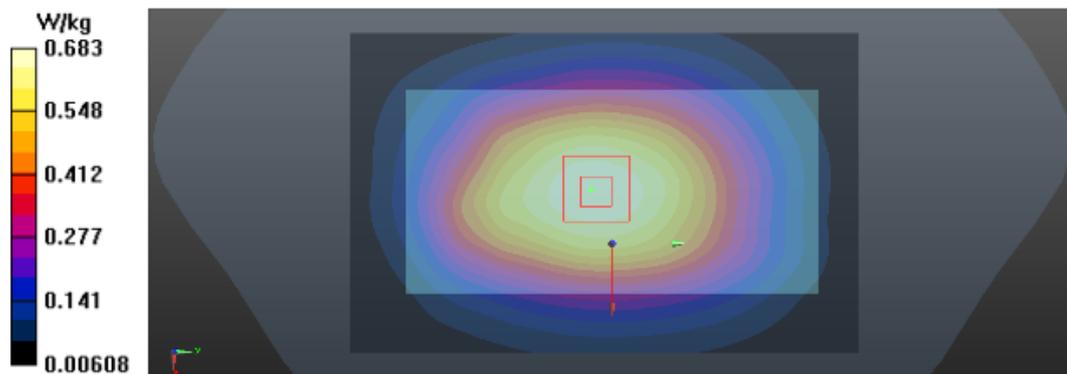Maximum value of SAR (interpolated) = 0.683 W/kg

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

Reference Value = 26.46 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.486 W/kg

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

T328_LTE B7_QPSK20M_CH21100_1RB_Rear Face_1.5cm_Battery 3

DUT: 1601C010;

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

Medium parameters used: f = 2535 MHz; σ = 2.114 S/m; ε $_r$ = 52.633; ρ = 1000 kg/m³

Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- 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 (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm
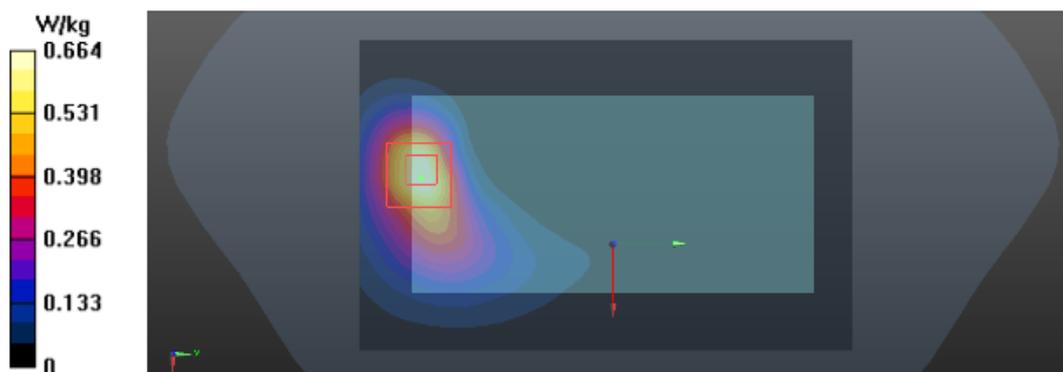
Maximum value of SAR (interpolated) = 0.664 W/kg

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

Reference Value = 3.081 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.670 W/kg

Test Laboratory: BTL Inc.   Date: 01/28/2016

T331_LTE B7_QPSK20M_CH21100_1RB_Rear Face_1cm

DUT: 1601C010;

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

Medium parameters used: f = 2535 MHz; σ = 2.114 S/m; ε$_r$ = 52.633; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- 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 (10x15x1): Interpolated grid: dx=12 mm, dy=12 mm
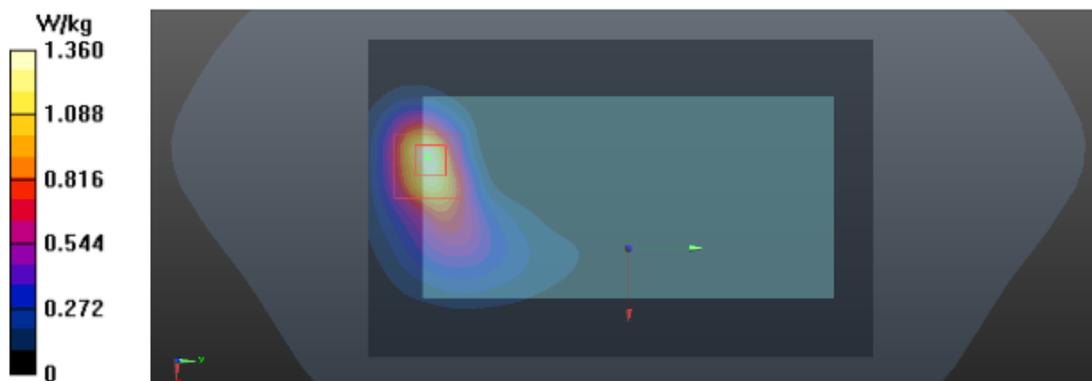Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.116 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.584 W/kg
Maximum value of SAR (measured) = 1.53 W/kg

T411_802.11b_CH6_Rear Face_1.5cm

DUT: 1601C010;

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; σ = 2.003 S/m; ε_r = 53.145; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃; Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- 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 (10x16x1): Interpolated grid: dx=12 mm, dy=12 mm
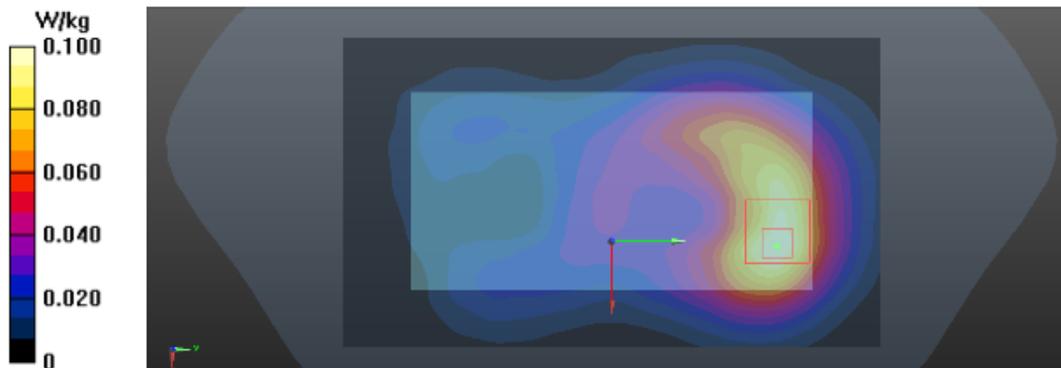Maximum value of SAR (interpolated) = 0.0998 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.163 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.0972 W/kg

Test Laboratory: BTL Inc.   Date: 01/16/2016

T416_802.11b_CH6_Rear Face_1cm

DUT: 1601C010;

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; σ = 2.003 S/m; ε_r = 53.145; ρ = 1000 kg/m³

Ambient Temperature：23.5 ℃；Liquid Temperature：22.2 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- 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 (10x16x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.205 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.189 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.095 W/kg
Maximum value of SAR (measured) = 0.194 W/kg