T511_GSM 850_GSM_CH190_Left Cheek_Battery 4

DUT: 1610C248;

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

Medium parameters used: f = 837 MHz; σ = 0.915 S/m; ε_r = 42.494; ρ = 1000 kg/m^3

Ambient Temperature: 23.6 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

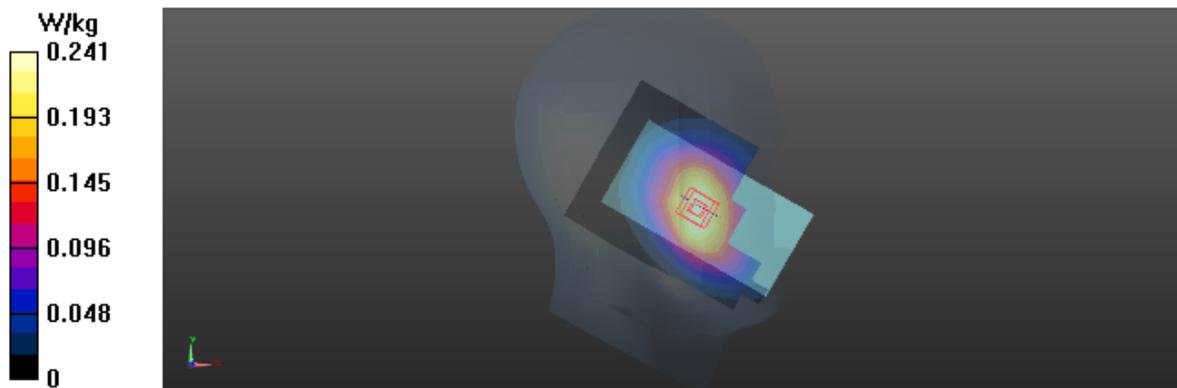Maximum value of SAR (interpolated) = 0.241 W/kg

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

Reference Value = 5.845 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.176 W/kg

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

T19_GSM 1900_GSM_CH661_Right Cheek

DUT: 1610C248;

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

Medium parameters used: f = 1880 MHz; σ = 1.401 S/m; ε_r = 39.323; ρ = 1000 kg/m^3

Ambient Temperature：23.6 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 2016/2/19;
- 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

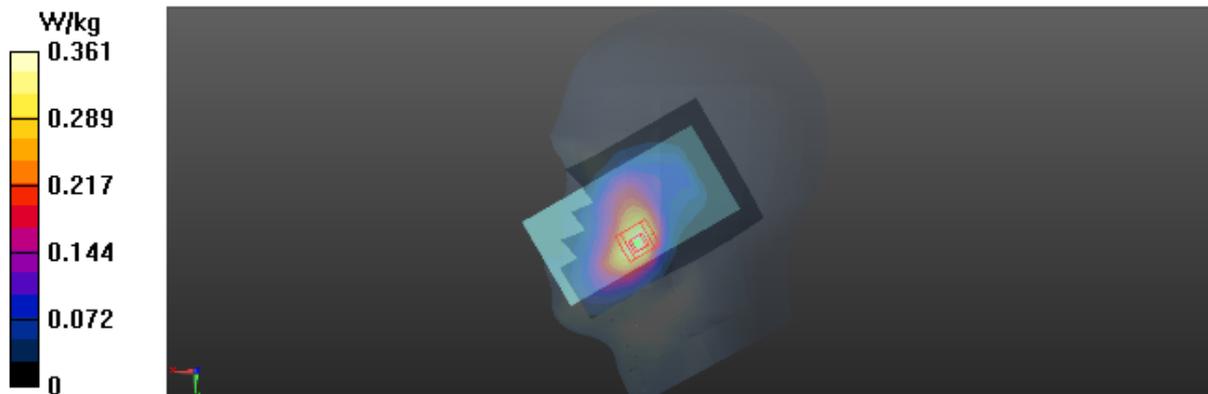Maximum value of SAR (interpolated) = 0.361 W/kg

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

Reference Value = 3.150 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.352 W/kg

T28_UMTS B2_RMC12.2K_CH9400_Right Cheek

DUT: 1610C248;

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

Medium parameters used: f = 1880 MHz; σ = 1.401 S/m; ε_r = 39.323; ρ = 1000 kg/m^3

Ambient Temperature：23.6 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 2016/2/19;
- 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

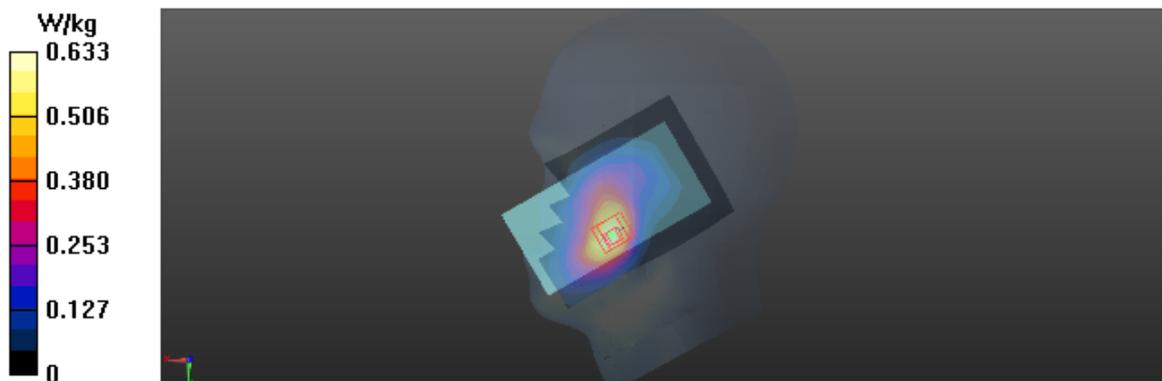Maximum value of SAR (interpolated) = 0.633 W/kg

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

Reference Value = 4.054 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 0.602 W/kg

T37_UMTS B4_RMC12.2K_CH1413_Right Cheek_Battery 4

DUT: 1610C248;

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

Medium parameters used: f = 1733 MHz; σ = 1.319 S/m; ε_r = 41.552; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/2/19;
- 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

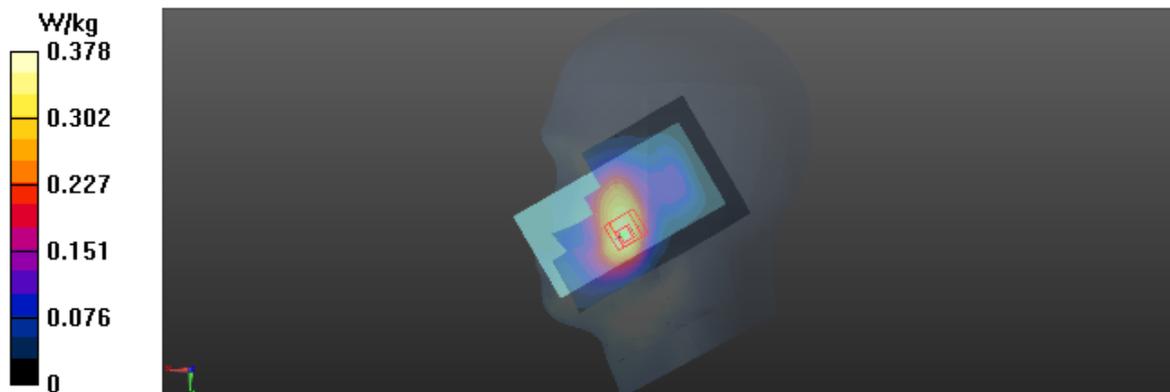Maximum value of SAR (interpolated) = 0.378 W/kg

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

Reference Value = 5.651 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.361 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/16

T43_UMTS B5_RMC12.2K_CH4182_Left Cheek

DUT: 1610C248;

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

Medium parameters used: f = 837 MHz; σ = 0.892 S/m; ε_r = 43.021; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

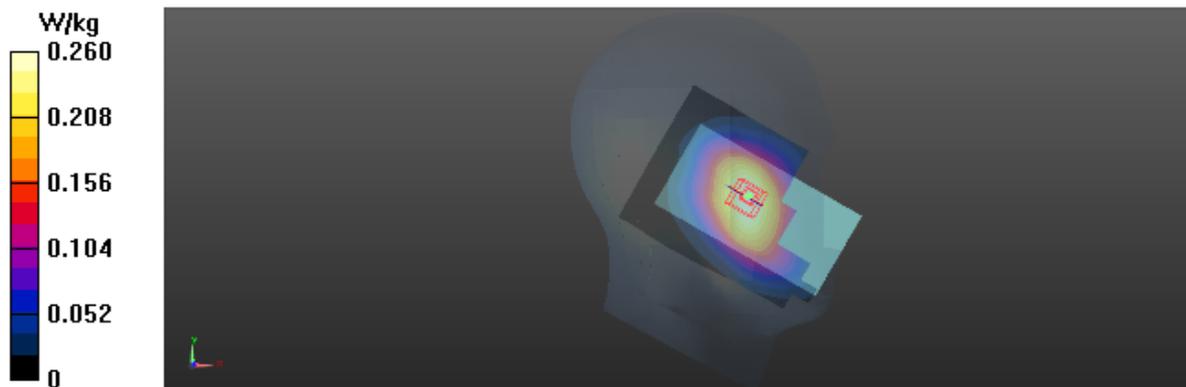Maximum value of SAR (interpolated) = 0.260 W/kg

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

Reference Value = 6.958 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.196 W/kg

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

T51_LTE B2_QPSK20M_CH18700_1RB_Right Cheek

DUT: 1610C248;

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

Medium parameters used: f = 1860 MHz; σ = 1.403 S/m; ε_r = 39.9; ρ = 1000 kg/m³

Ambient Temperature：23.4 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.36, 8.36, 8.36); Calibrated: 2016/2/19;
- 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

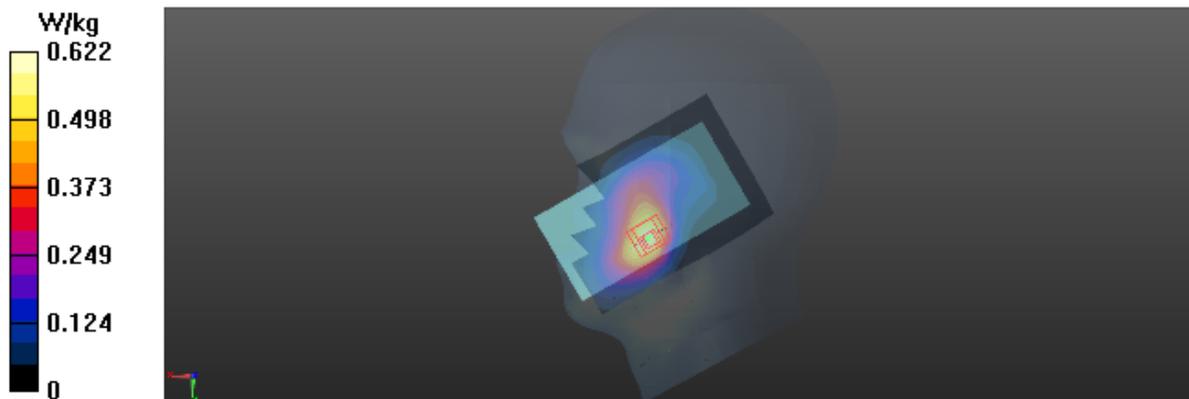Maximum value of SAR (interpolated) = 0.622 W/kg

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

Reference Value = 4.651 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.363 W/kg

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

Test Laboratory: BTL Inc.   Date: 2016/11/12

T79_LTE B4_QPSK20M_CH20300_Right Cheek_Battery 3

DUT: 1610C248;

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

Medium parameters used: f = 1745 MHz; σ = 1.331 S/m; ε $_r$ = 41.515; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.68, 8.68, 8.68); Calibrated: 2016/2/19;
- 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
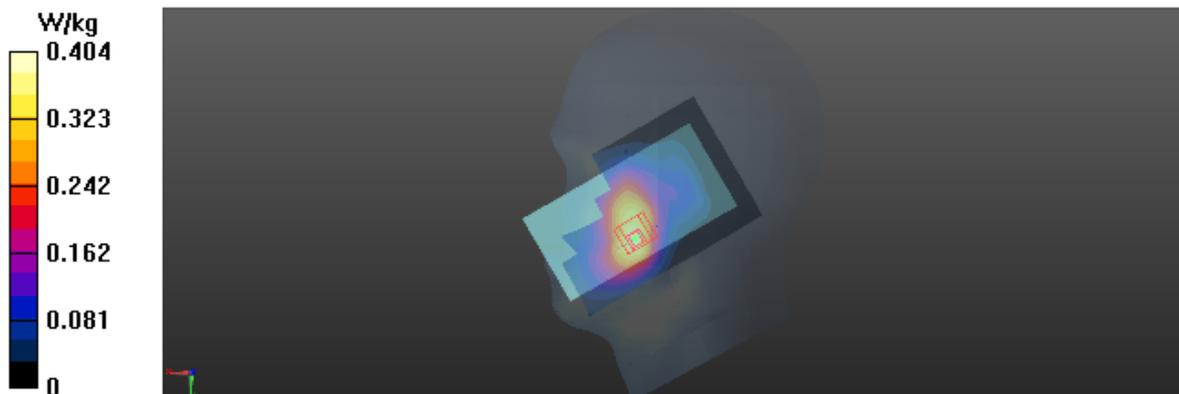
Maximum value of SAR (interpolated) = 0.404 W/kg

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

Reference Value = 4.145 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.387 W/kg

T98_LTE B5_QPSK10M_CH20450_1RB_Left Cheek_Battery 2

DUT: 1610C248;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: f = 829 MHz; σ = 0.884 S/m; ε$_r$ = 43.112; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.49, 10.49, 10.49); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm
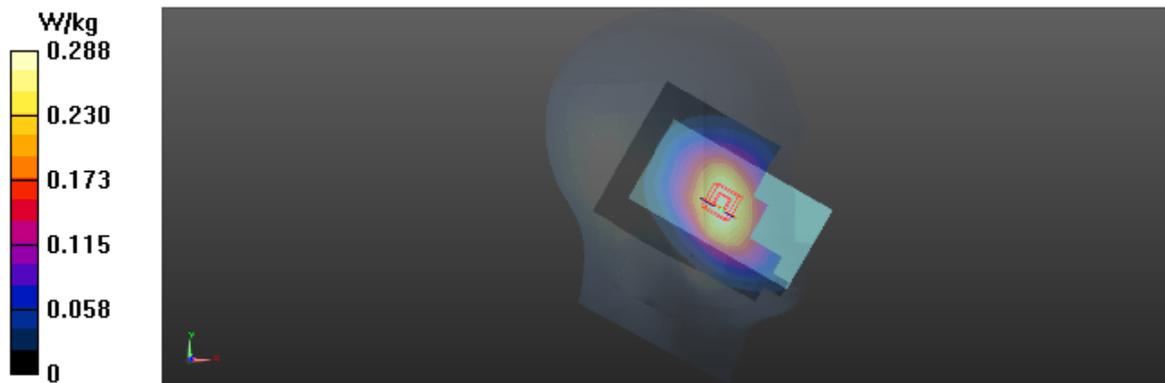
Maximum value of SAR (interpolated) = 0.288 W/kg

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

Reference Value = 6.765 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.211 W/kg

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

T112_LTE B7_QPSK20M_CH21350_1RB_Left Cheek

DUT: 1610C248;

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

Medium parameters used: f = 2560 MHz; σ = 2.003 S/m; ε$_r$ = 38.557; ρ = 1000 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.88, 6.88, 6.88); Calibrated: 2016/2/19;
- 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 (10x16x1): Interpolated grid: dx=12 mm, dy=12 mm

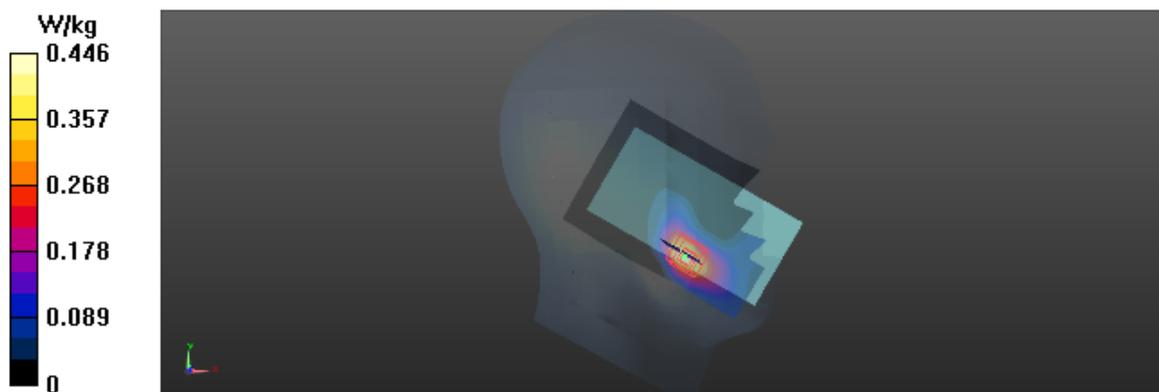Maximum value of SAR (interpolated) = 0.446 W/kg

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

Reference Value = 1.613 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.387 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/14

T485_802.11b_CH6_Right Cheek_Battery 2

DUT: 1610C248;

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2442 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2442 MHz; σ = 1.873 S/m; ε$_r$ = 38.863; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.24, 7.24, 7.24); Calibrated: 2016/2/19;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm

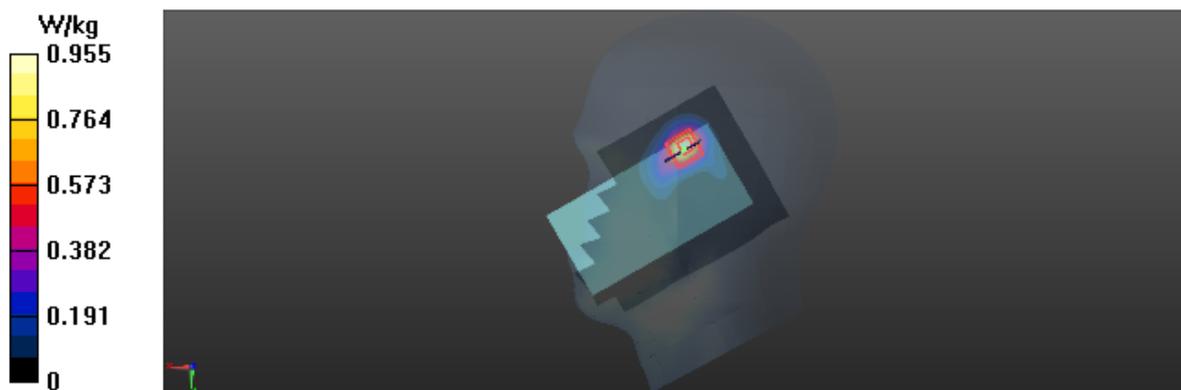Maximum value of SAR (interpolated) = 0.955 W/kg

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

Reference Value = 7.289 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.397 W/kg

Maximum value of SAR (measured) = 0.909 W/kg

T159_GSM 850_GSM_CH190_Rear Face_1.5cm_Battery 4

DUT: 1610C248;

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

Medium parameters used: f = 837 MHz; σ = 1 S/m; ε_r = 56.657; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

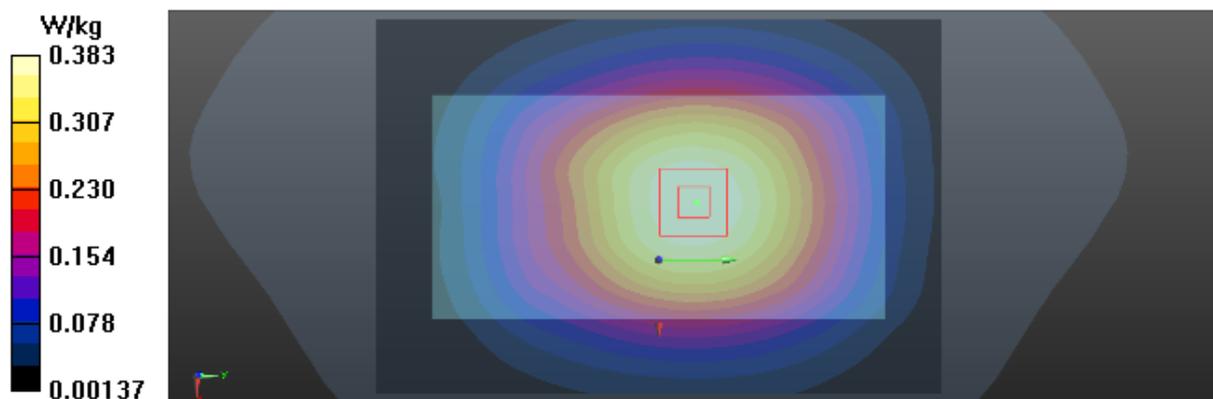Maximum value of SAR (interpolated) = 0.383 W/kg

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

Reference Value = 19.19 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.379 W/kg

T17*_GSM 850_GPRS 2TX_CH251_Rear Face_1cm_Battery 4

DUT: 1610C248;

Communication System: UID 0, GPRS 2TX (0); Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used: f = 849 MHz; σ = 1.013 S/m; ε_r = 56.533; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

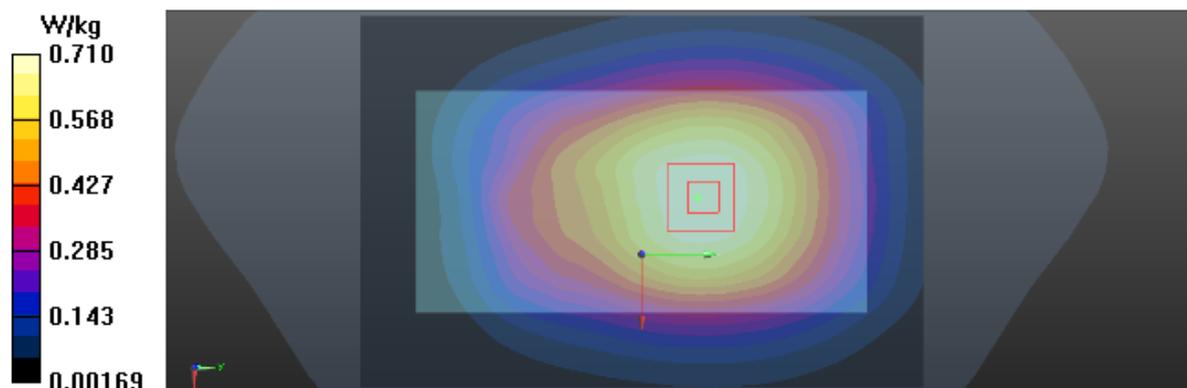Maximum value of SAR (interpolated) = 0.710 W/kg

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

Reference Value = 25.14 V/m; Power Drift = −0.03 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.528 W/kg

Maximum value of SAR (measured) = 0.700 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/9

T180_GSM 1900_GSM_CH661_Front Face_1.5cm

DUT: 1610C248;

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

Medium parameters used: f = 1880 MHz; σ = 1.525 S/m; ε_r = 52.016; ρ = 1000 kg/m³

Ambient Temperature：23.5 ℃； Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

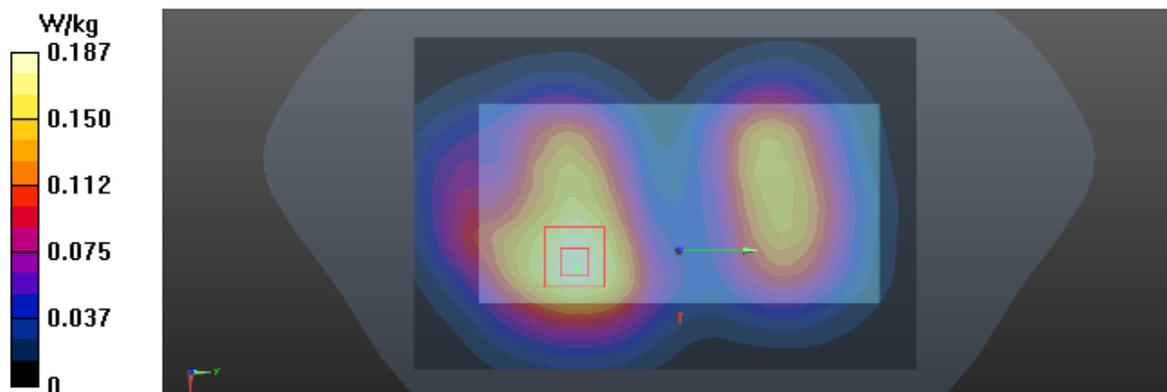Maximum value of SAR (interpolated) = 0.187 W/kg

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

Reference Value = 4.452 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.184 W/kg

T19-_GSM 1900_GPRS 2TX_CH661_Rear Face_1cm

DUT: 1610C248;

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

Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε $_r$ = 51.908; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

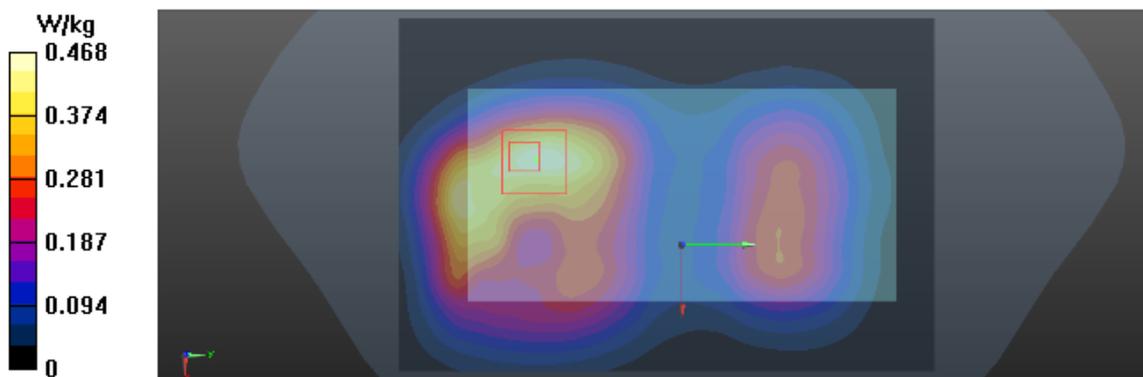Maximum value of SAR (interpolated) = 0.468 W/kg

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

Reference Value = 7.025 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.291 W/kg

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

T215_UMTS B2_RMC12.2K_CH9400_Rear Face_1.5cm_Battery 4

DUT: 1610C248;

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

Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε_r = 51.908; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (10x13x1): Interpolated grid: dx=15 mm, dy=15 mm

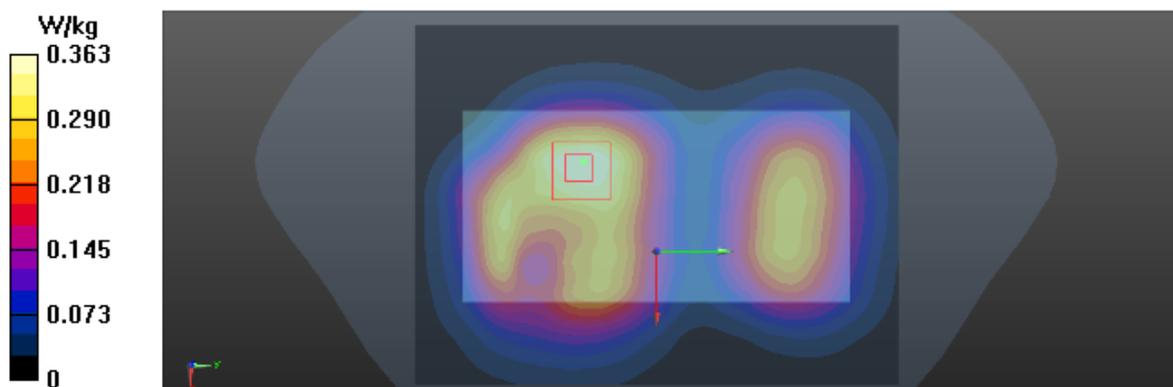Maximum value of SAR (interpolated) = 0.363 W/kg

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

Reference Value = 9.912 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.355 W/kg

T228_UMTS B2_RMC12.2K_CH9400_Rear Face_1cm_Battery 3

DUT: 1610C248;

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

Medium parameters used: f = 1880 MHz; σ = 1.523 S/m; ε$_r$ = 51.908; ρ = 1000 kg/m³

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

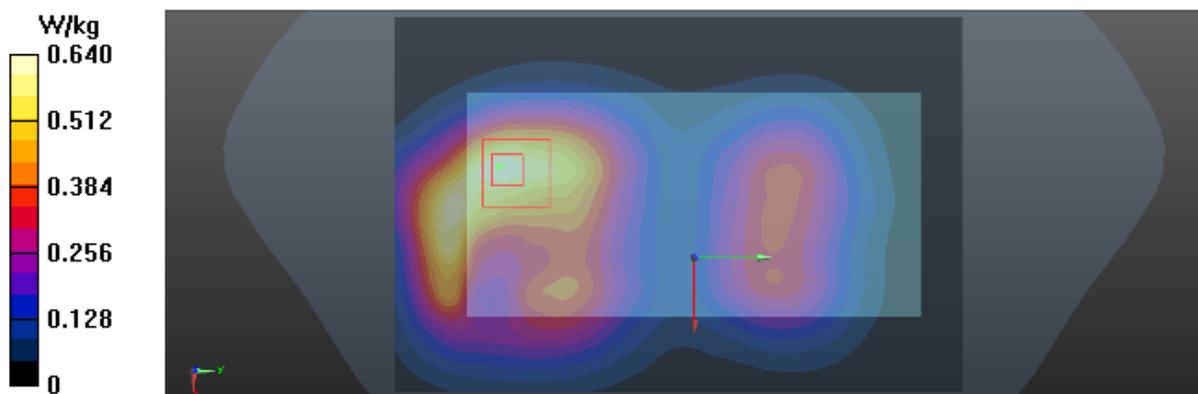Maximum value of SAR (interpolated) = 0.640 W/kg

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

Reference Value = 8.717 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 0.612 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/18

T245_UMTS B4_RMC12.2K_CH1312_Rear Face_1.5cm_Battery 4

DUT: 1610C248;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.408 S/m; $ε_r$ = 53.322; ρ = 1000 kg/m³

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

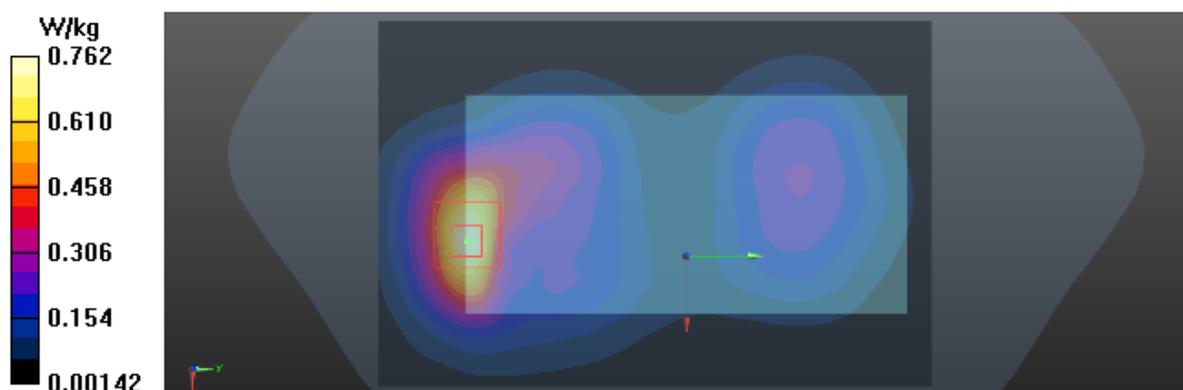Maximum value of SAR (interpolated) = 0.762 W/kg

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

Reference Value = 7.191 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 0.757 W/kg

T264_UMTS B4_RMC12.2K_CH1312_Rear Face_1cm

DUT: 1610C248;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.408 S/m; ε$_r$ = 53.322; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm
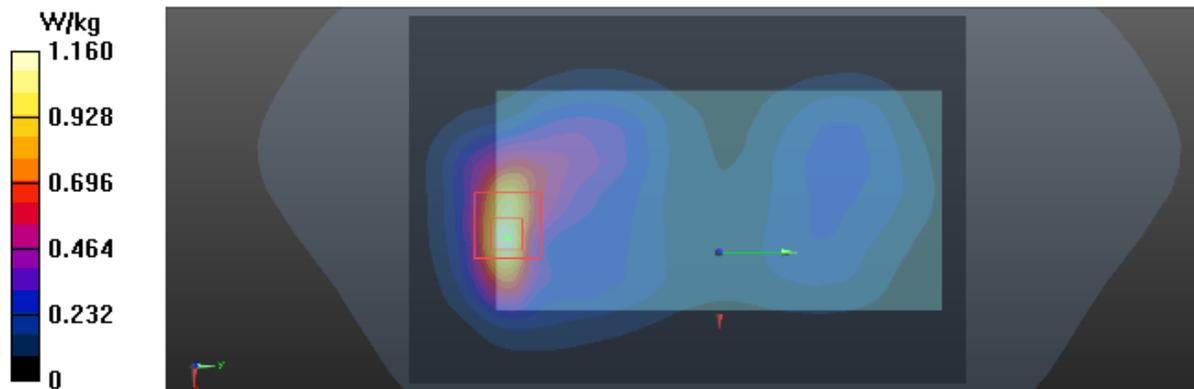
Maximum value of SAR (interpolated) = 1.16 W/kg

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

Reference Value = 7.619 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.569 W/kg

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

T273_UMTS B5_RMC12.2K_CH4182_Rear Face_1.5cm_Battery 3

DUT: 1610C248;

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

Medium parameters used: f = 837 MHz; σ = 0.98 S/m; ε_r = 55.686; ρ = 1000 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

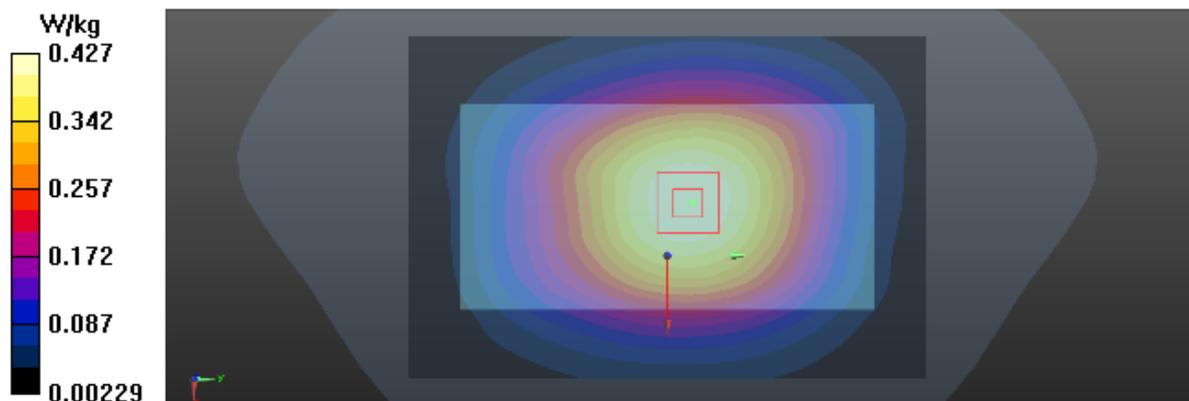Maximum value of SAR (interpolated) = 0.427 W/kg

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

Reference Value = 20.84 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.317 W/kg

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

T286_UMTS B5_RMC12.2K_CH4182_Rear Face_1cm_Battery 3

DUT: 1610C248;

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

Medium parameters used: f = 837 MHz; σ = 0.98 S/m; ε_r = 55.686; ρ = 1000 kg/m^3

Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

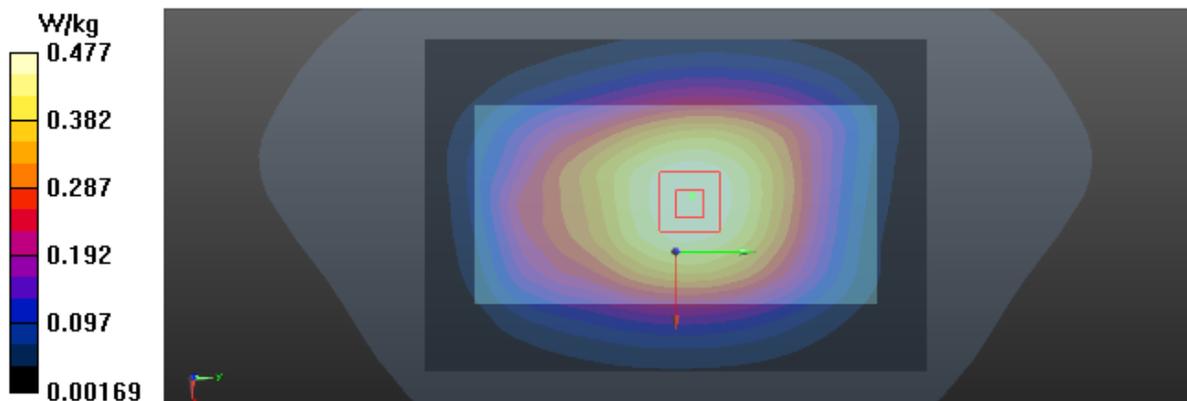Maximum value of SAR (interpolated) = 0.477 W/kg

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

Reference Value = 21.89 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.470 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/9

T300_LTE B2_QPSK20M_CH18700_1RB_Front Face_1.5cm

DUT: 1610C248;

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

Medium parameters used: f = 1860 MHz; σ = 1.5 S/m; ε_r = 52.091; ρ = 1000 kg/m^3

Ambient Temperature: 23.5 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

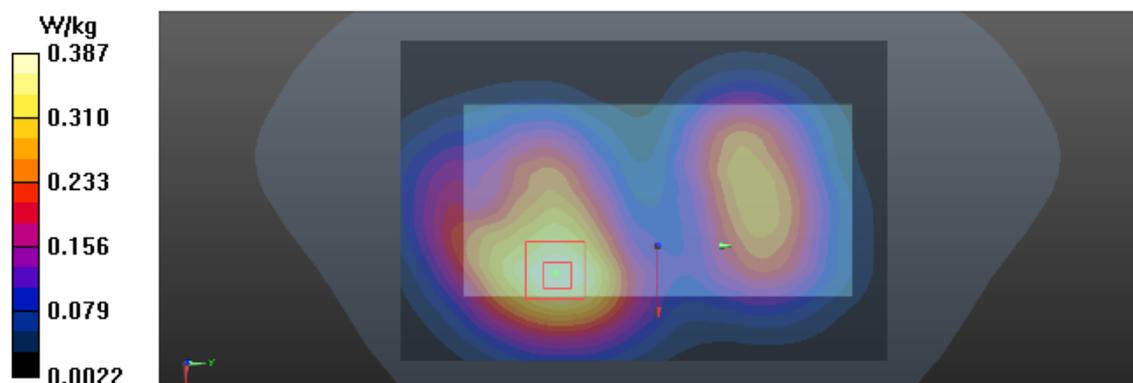Maximum value of SAR (interpolated) = 0.387 W/kg

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

Reference Value = 6.761 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.240 W/kg

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

T311_LTE B2_QPSK20M_CH18700_1RB_Rear Face_1cm

DUT: 1610C248;

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

Medium parameters used: f = 1860 MHz; σ = 1.5 S/m; ε_r = 52.091; ρ = 1000 kg/m^3

Ambient Temperature: 23.5 ℃; Liquid Temperature: 22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.94, 7.94, 7.94); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

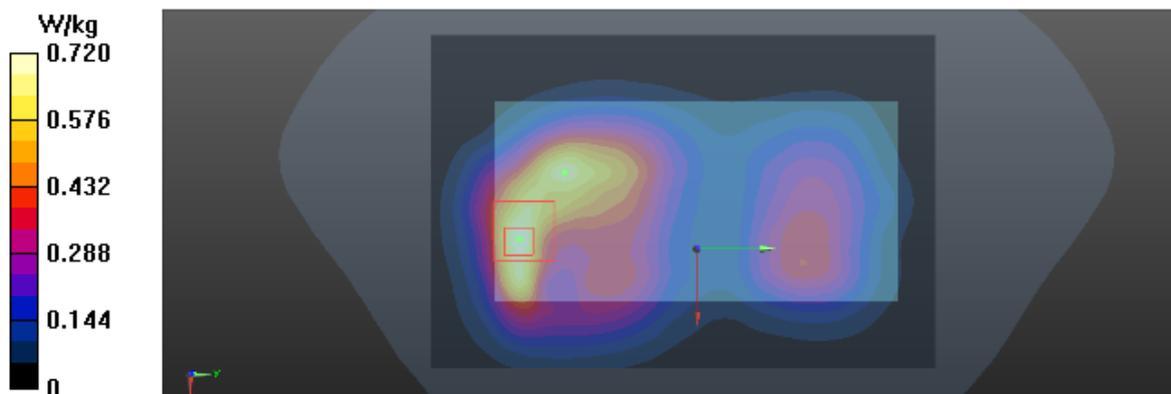Maximum value of SAR (interpolated) = 0.720 W/kg

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

Reference Value = 9.477 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.999 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.354 W/kg

Maximum value of SAR (measured) = 0.688 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/19

T347_LTE B4_QPSK20M_CH20300_Rear Face_1.5cm_Battery 3

DUT: 1610C248;

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

Medium parameters used: f = 1745 MHz; σ = 1.443 S/m; ε$_r$ = 53.168; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm
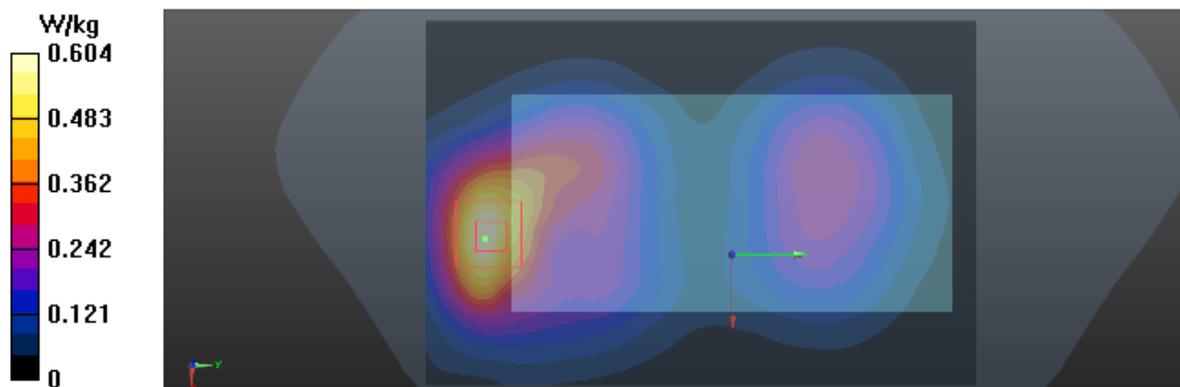
Maximum value of SAR (interpolated) = 0.604 W/kg

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

Reference Value = 7.705 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.629 W/kg

T368_LTE B4_QPSK20M_CH20050_1RB_Rear Face_1cm_Battery 3

DUT: 1610C248;

Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: f = 1720 MHz; σ = 1.417 S/m; ε$_r$ = 53.267; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(8.38, 8.38, 8.38); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

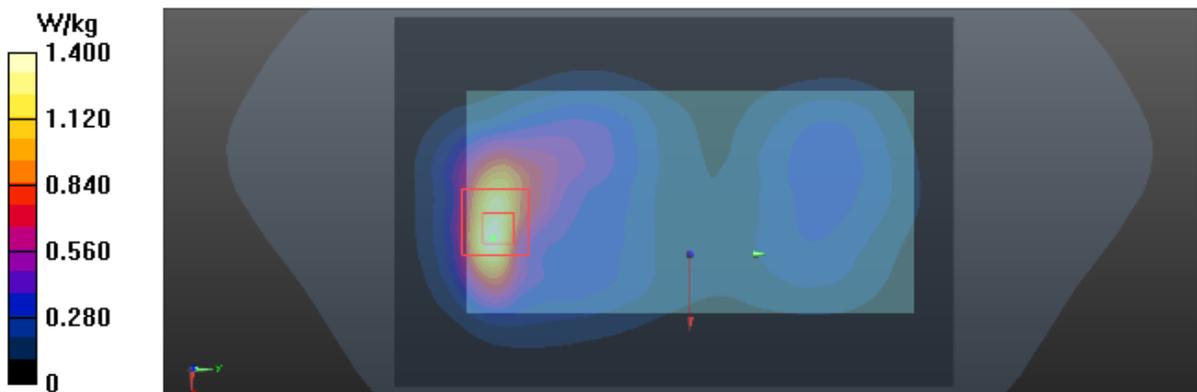Maximum value of SAR (interpolated) = 1.40 W/kg

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

Reference Value = 8.728 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.705 W/kg

Maximum value of SAR (measured) = 1.43 W/kg

T385_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1.5cm_Battery 3

DUT: 1610C248;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: f = 829 MHz; σ = 0.971 S/m; ε_r = 55.78; ρ = 1000 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

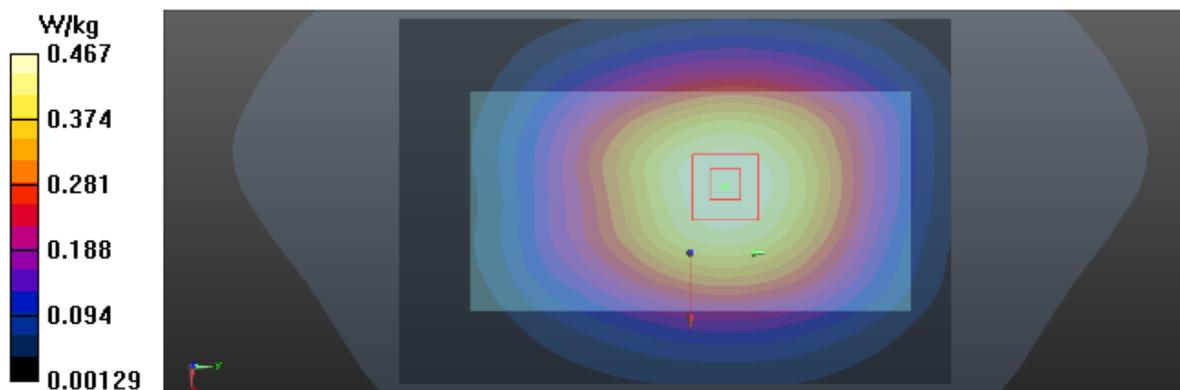Maximum value of SAR (interpolated) = 0.467 W/kg

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

Reference Value = 21.21 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 0.466 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/11

T401_LTE B5_QPSK10M_CH20450_1RB_Rear Face_1cm_Battery 3

DUT: 1610C248;

Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used: f = 829 MHz; σ = 0.971 S/m; ε_r = 55.78; ρ = 1000 kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature：22.7 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(10.22, 10.22, 10.22); Calibrated: 2016/2/19;
- 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 (9x13x1): Interpolated grid: dx=15 mm, dy=15 mm

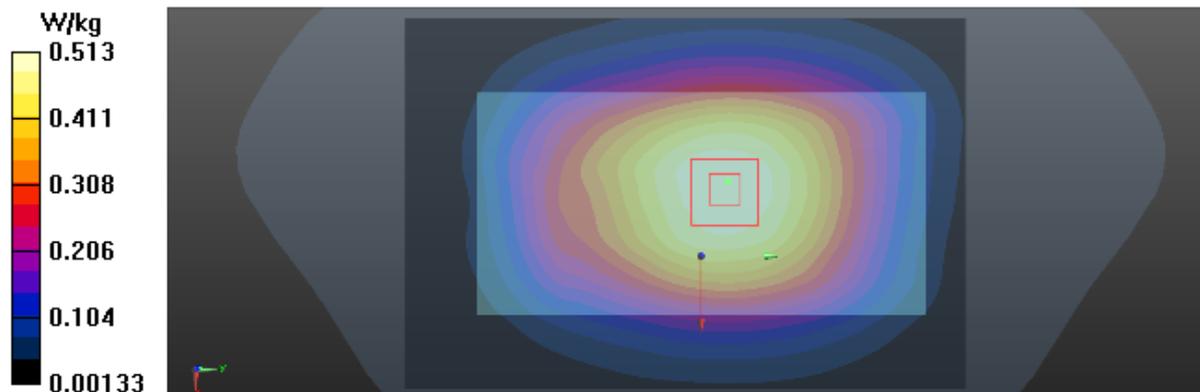Maximum value of SAR (interpolated) = 0.513 W/kg

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

Reference Value = 22.78 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 0.510 W/kg

T412_LTE B7_QPSK20M_CH21350_1RB_Rear Face_1.5cm_Battery 3

DUT: 1610C248;

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 = 52.583; ρ = 1000 kg/m³

Ambient Temperature: 23.4 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 2016/2/19;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm
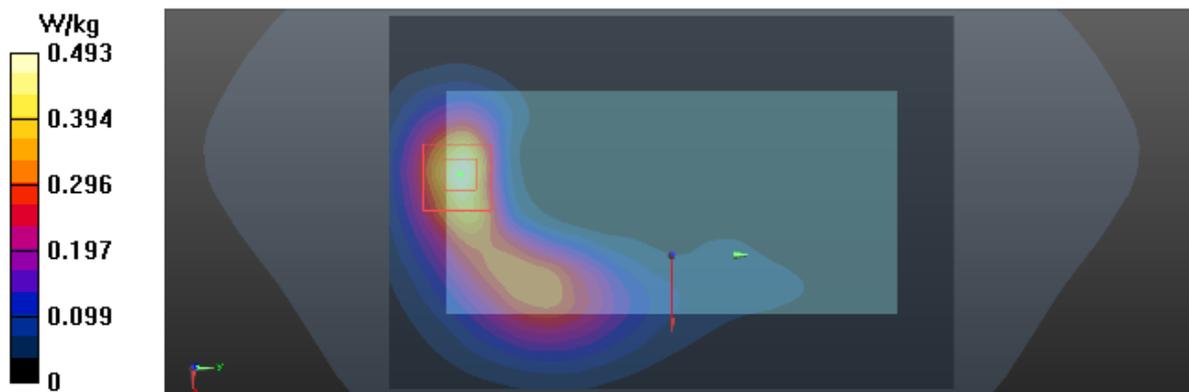
Maximum value of SAR (interpolated) = 0.493 W/kg

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

Reference Value = 2.449 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.493 W/kg

Test Laboratory: BTL Inc.   Date: 2016/11/21

T434_LTE B7_QPSK20M_CH21100_1RB_Bottom Side_1cm_Battery 4

DUT: 1610C248;

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$_r$ = 52.583; ρ = 1000 kg/m^3

Ambient Temperature：23.4 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(6.99, 6.99, 6.99); Calibrated: 2016/2/19;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm
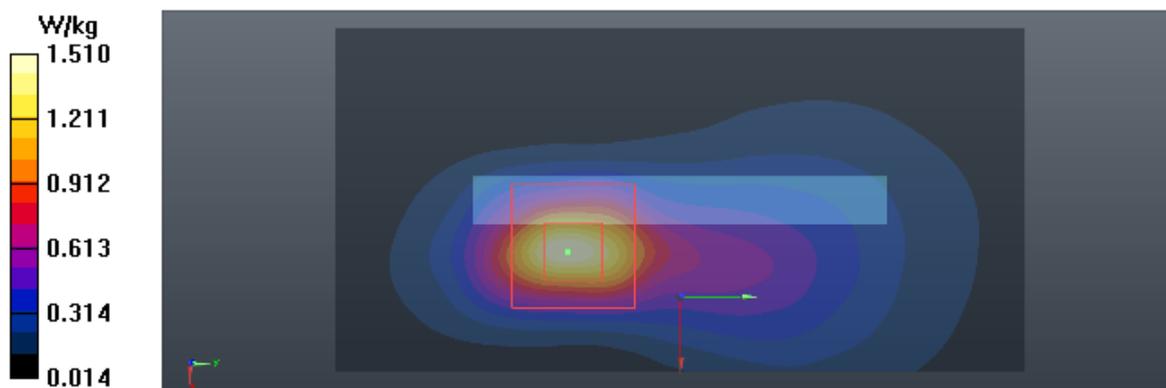
Maximum value of SAR (interpolated) = 1.51 W/kg

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

Reference Value = 14.15 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.603 W/kg

Maximum value of SAR (measured) = 1.63 W/kg

T494_802.11b_CH6_Front Face_1.5cm_Battery 4

DUT: 1610C248;

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 = 1.953 S/m; ε_r = 53.478; ρ = 1000 kg/m³

Ambient Temperature：23.3 ℃; Liquid Temperature：22.6 ℃

DASY Configuration:

- Probe: EX3DV4 – SN3932; ConvF(7.52, 7.52, 7.52); Calibrated: 2016/2/19;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm
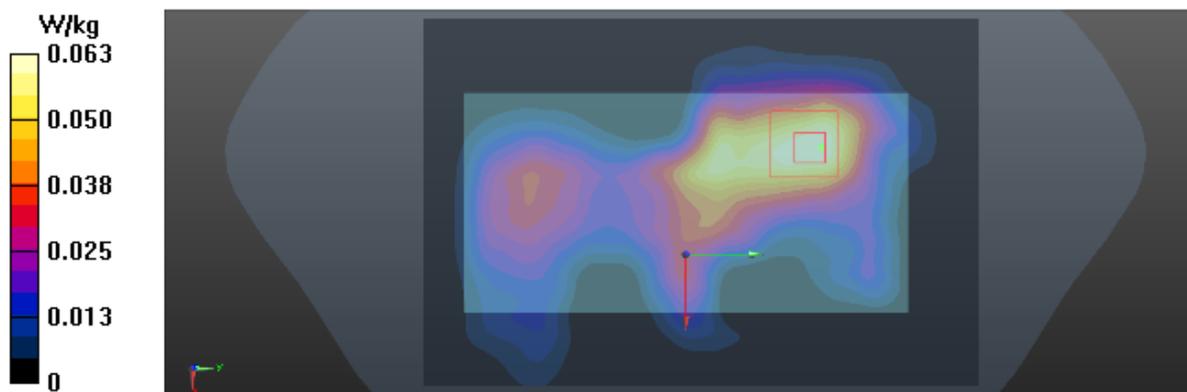Maximum value of SAR (interpolated) = 0.0628 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.255 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0637 W/kg

T507_802.11b_CH6_Rear Face_1cm_Battery 4

DUT: 1610C248;

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 = 2.021 S/m; ε_r = 50.275; ρ = 1000 kg/m^3

Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.52, 7.52, 7.52); Calibrated: 2016/2/19;
- 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 (11x16x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.178 W/kg

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

Reference Value = 4.446 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.081 W/kg

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