

Test Laboratory: BTL Inc.

Date: 2016/12/15

### T03\_GSM850\_GSM\_CH190\_Left Cheek

**DUT: 1612C149;**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.893$  S/m;  $\epsilon_r = 42.403$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.298 W/kg

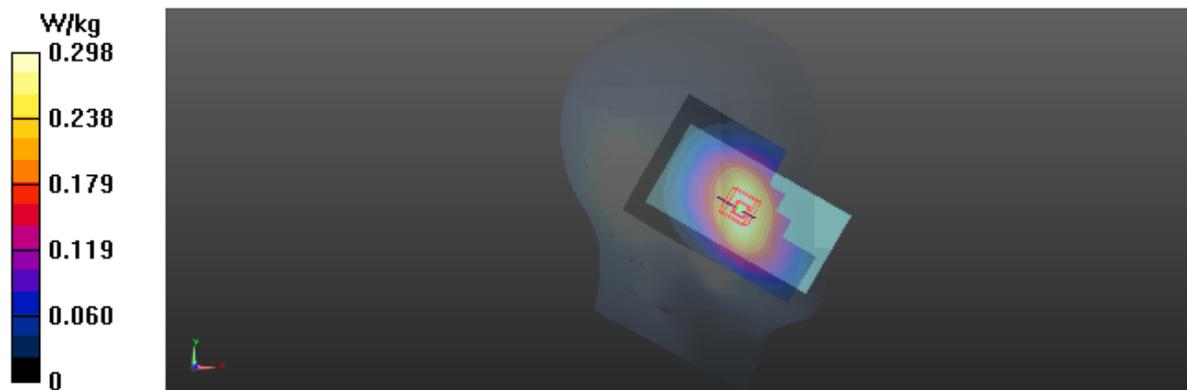
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.322 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.213 W/kg**

Maximum value of SAR (measured) = 0.298 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/16

**T15\_GSM 1900\_GSM\_CH661\_Left Cheek\_SIM2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  S/m;  $\epsilon_r = 41.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.185 W/kg

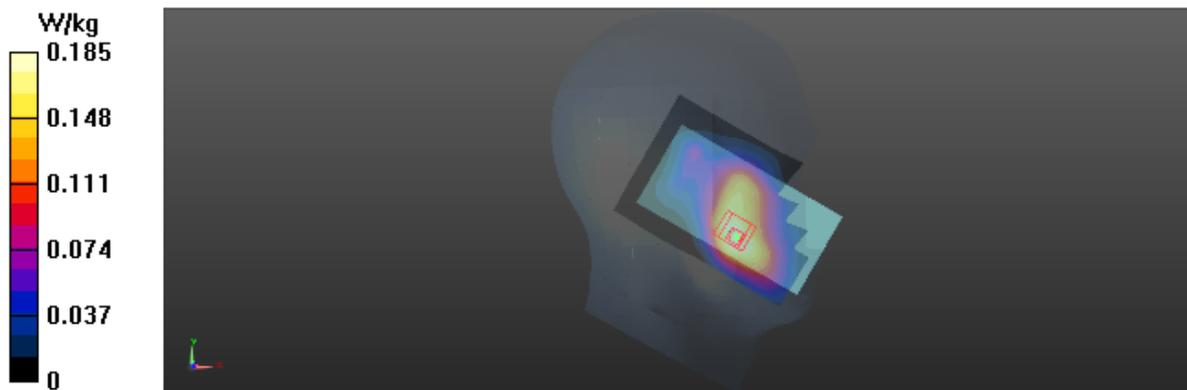
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.894 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.107 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/16

**T21\_UMTS B2\_RMC12.2K\_CH9400\_Right Cheek**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 39.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 (10x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

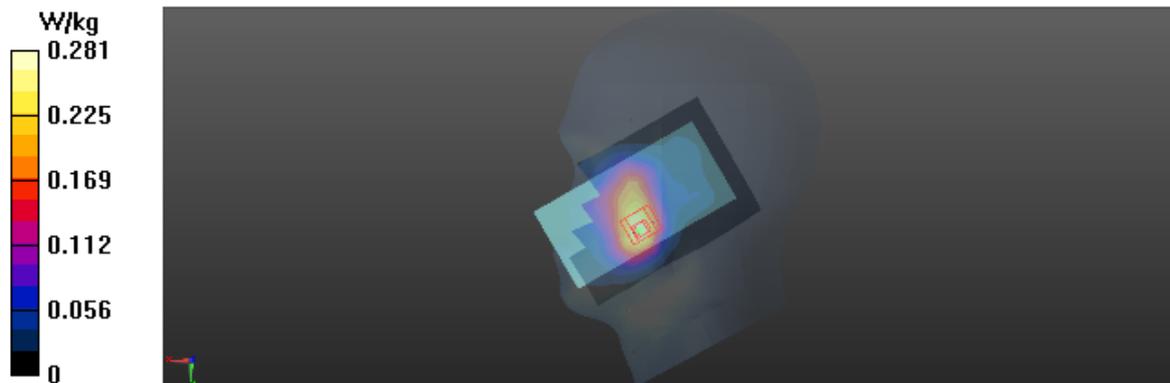
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.692 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.356 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.156 W/kg**

Maximum value of SAR (measured) = 0.261 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/15

### T33\_UMTS B5\_RMC12.2K\_CH4182\_Left Cheek

DUT: 1612C149;

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

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.893$  S/m;  $\epsilon_r = 42.411$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

Maximum value of SAR (interpolated) = 0.308 W/kg

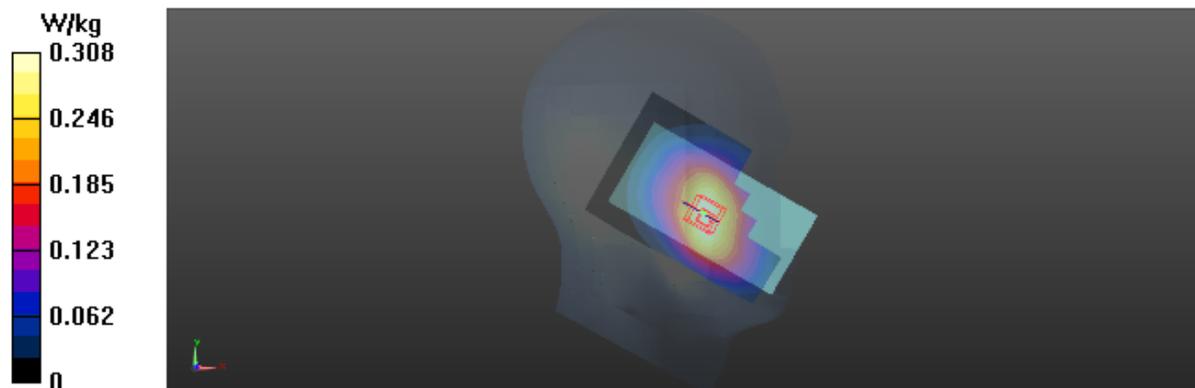
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.233 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.222 W/kg**

Maximum value of SAR (measured) = 0.313 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/23

**T159\_LTE\_B2\_QPSK20M\_CH18900\_1RB\_Right Cheek\_SIM2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.396$  S/m;  $\epsilon_r = 39.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 (10x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

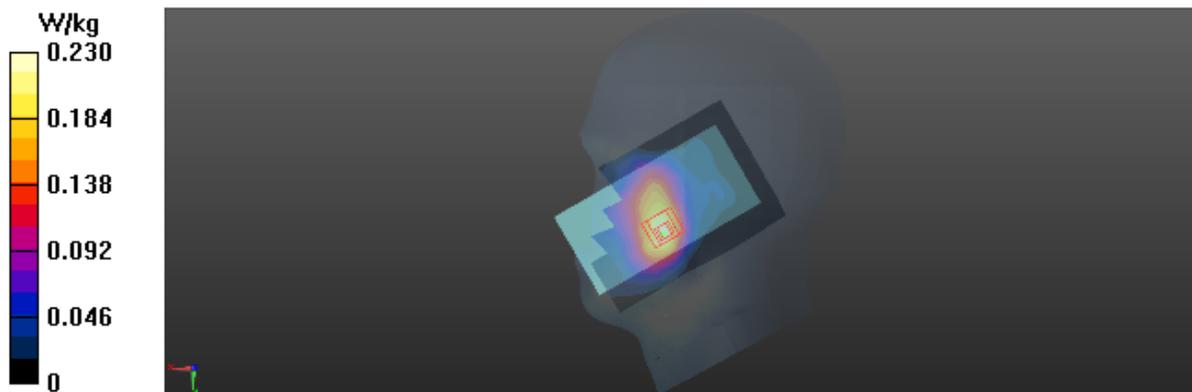
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.717 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.312 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.237 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/23

**T170\_LTE\_B4\_QPSK20M\_CH20175\_1RB\_Right Cheek\_Battry 2**

**DUT: 1612C149;**

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;  $\sigma = 1.391$  S/m;  $\epsilon_r = 41.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

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

Maximum value of SAR (interpolated) = 0.339 W/kg

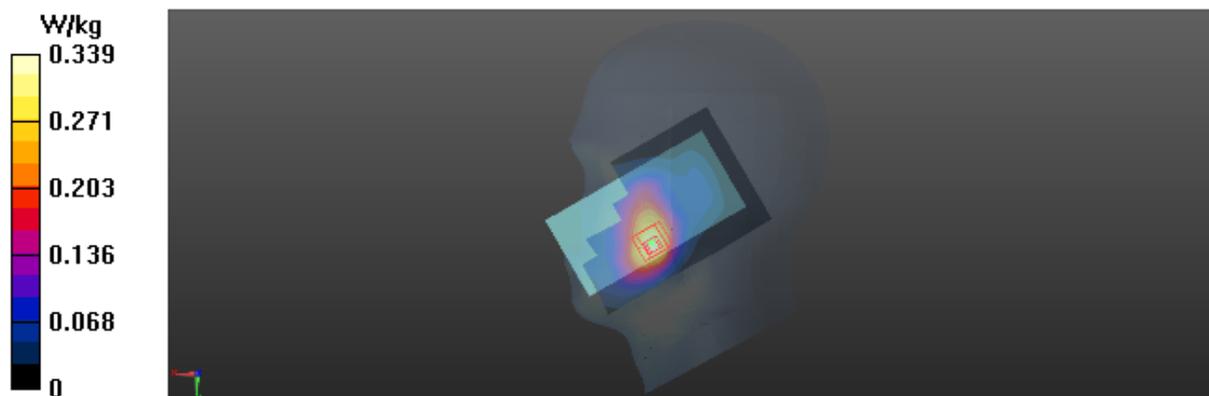
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.703 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.454 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.190 W/kg**

Maximum value of SAR (measured) = 0.326 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/21

**T173\_LTE\_B5\_QPSK10M\_CH20450\_1RB\_Left Cheek**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 43.21$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature: 22.4 °C

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

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

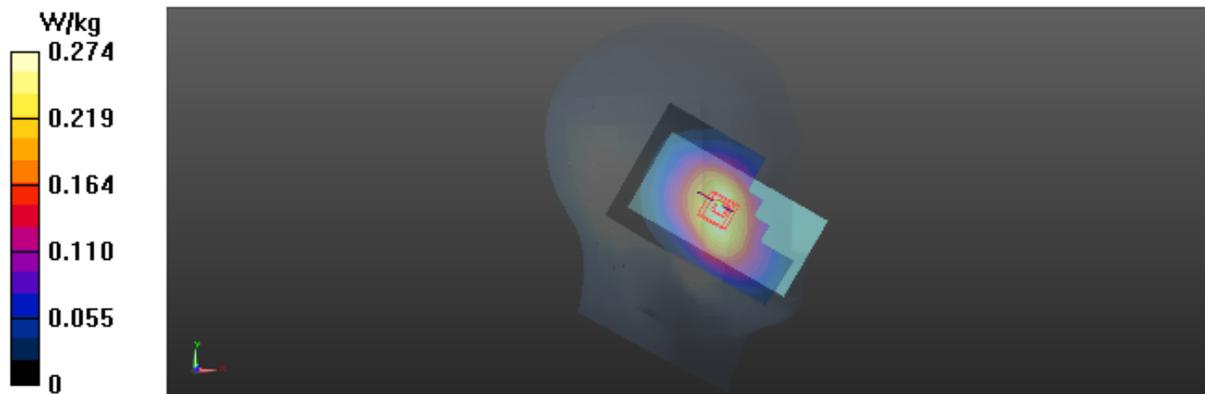
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.394 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.197 W/kg**

Maximum value of SAR (measured) = 0.273 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/23

**T189\_LTE B7\_QPSK20M\_CH21100\_1RB\_Right Cheek\_SIM2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.979$  S/m;  $\epsilon_r = 38.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 (10x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.250 W/kg

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

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

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/22

**T193\_LTE B12\_QPSK10M\_CH23060\_1RB\_Left Cheek**

**DUT: 1612C149;**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 704$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 41.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(11.06, 11.06, 11.06); 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 (8x12x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.192 W/kg

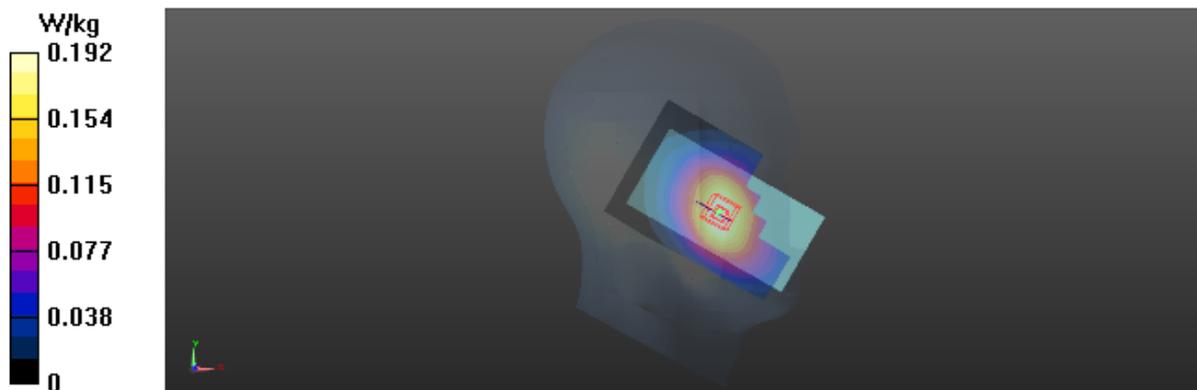
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.996 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.196 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/25

**T322\_802.11b\_CH11\_Left Cheek**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.884$  S/m;  $\epsilon_r = 39.226$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 (10x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.264 W/kg

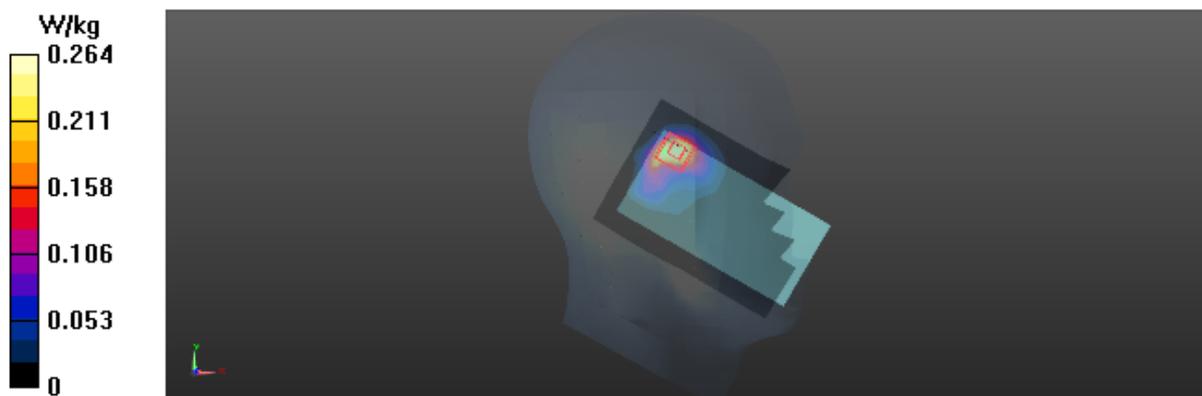
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.868 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.555 W/kg

**SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.242 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/19

**T44\_GSM 850\_GSM\_CH190\_Rear Face\_1.5cm\_Battery 2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 55.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 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) = 0.486 W/kg

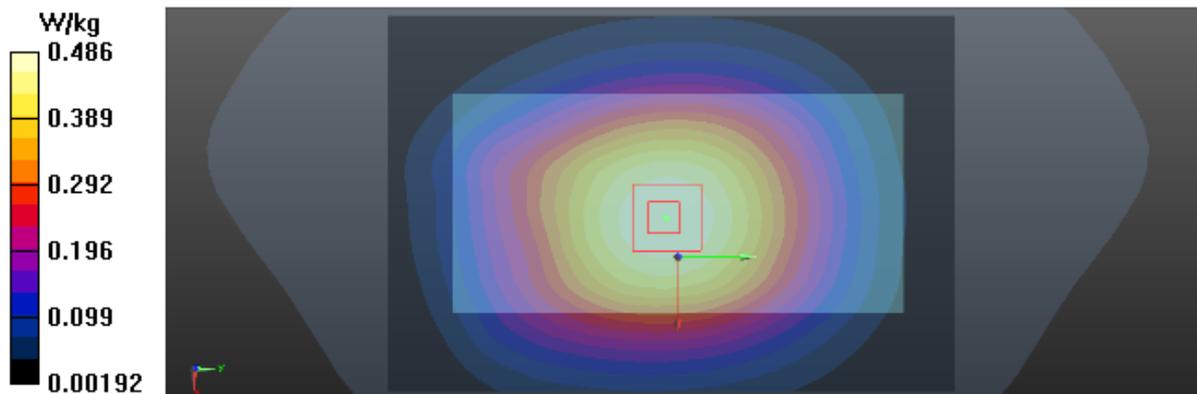
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.29 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.360 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/28

**T53\_GSM 850\_GPRS2TX\_CH190\_Left Side\_1cm**

**DUT: 1612C149;**

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.979$  S/m;  $\epsilon_r = 55.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

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 (6x13x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.988 W/kg

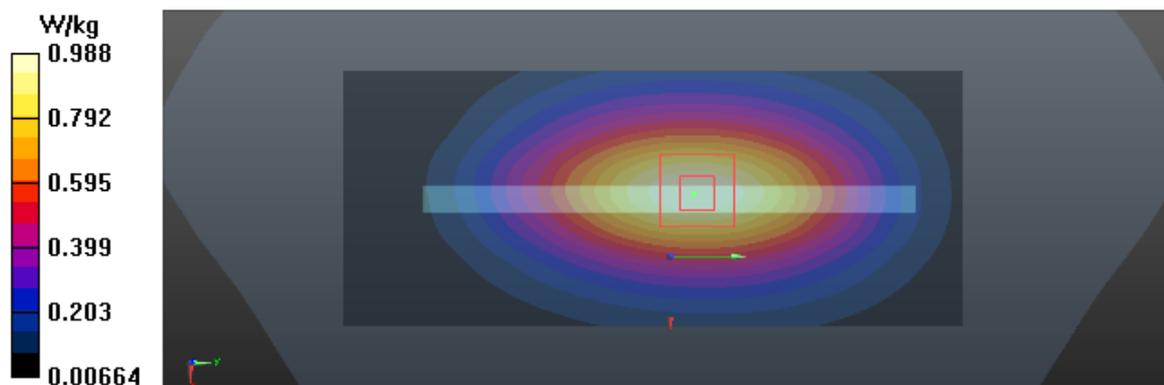
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.72 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.630 W/kg**

Maximum value of SAR (measured) = 0.974 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/18

**T73\_GSM 1900\_GSM\_CH661\_Front Face\_1.5cm\_SIM 2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.523$  S/m;  $\epsilon_r = 52.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 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) = 0.140 W/kg

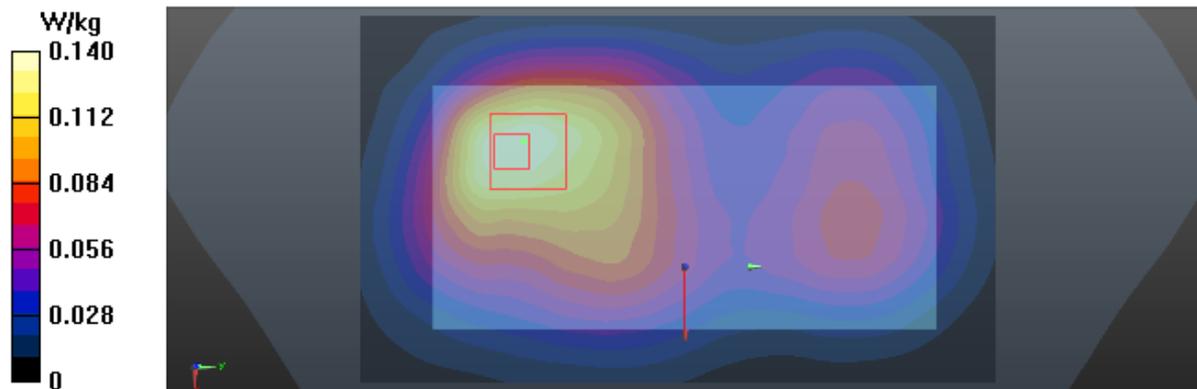
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.313 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.134 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/27

**T87\_GSM 1900\_GPRS2TX\_CH661\_Front Face\_1cm\_SIM 2\_Battery 2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.526$  S/m;  $\epsilon_r = 51.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

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 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) = 0.473 W/kg

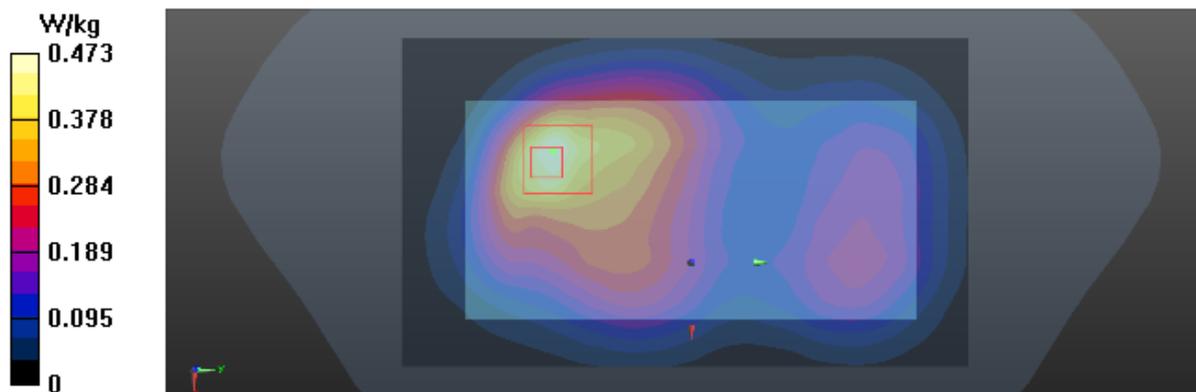
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.34 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.925 W/kg

**SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 0.430 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/18

**T103\_UMTS B2\_RMC12.2K\_CH9400\_Front Face\_1.5cm\_SIM2**

**DUT: 1612C149;**

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;  $\epsilon_r = 52.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x12x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.303 W/kg

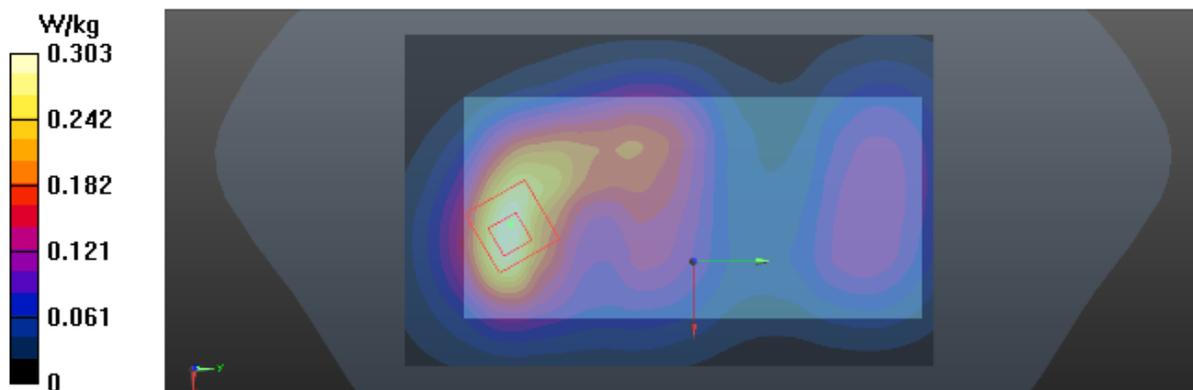
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.705 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 0.310 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/18

**T111\_UMTS B2\_RMC12.2K\_CH9400\_Front Face\_1cm**

**DUT: 1612C149;**

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;  $\epsilon_r = 52.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 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) = 0.578 W/kg

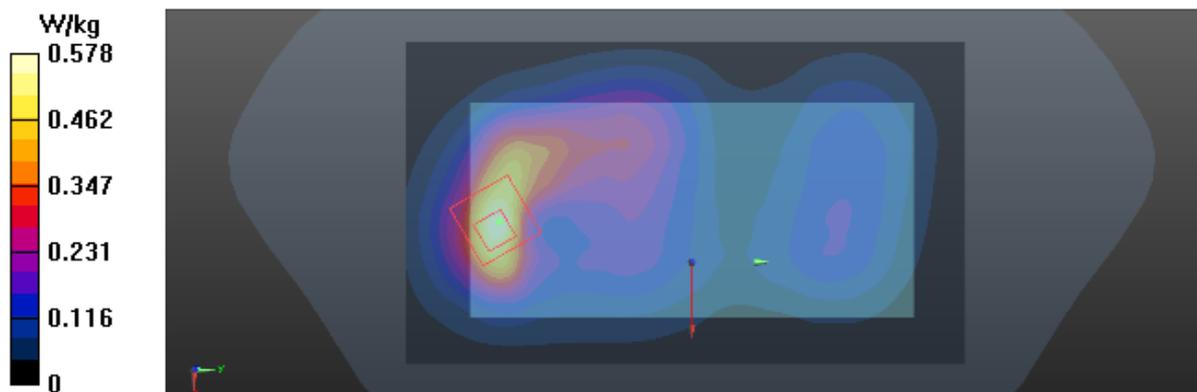
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.944 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.911 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.571 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/19

**T122\_UMTS B5\_RMC12.2K\_CH4182\_Rear Face\_1.5cm**

**DUT: 1612C149;**

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

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.982$  S/m;  $\epsilon_r = 55.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 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) = 0.484 W/kg

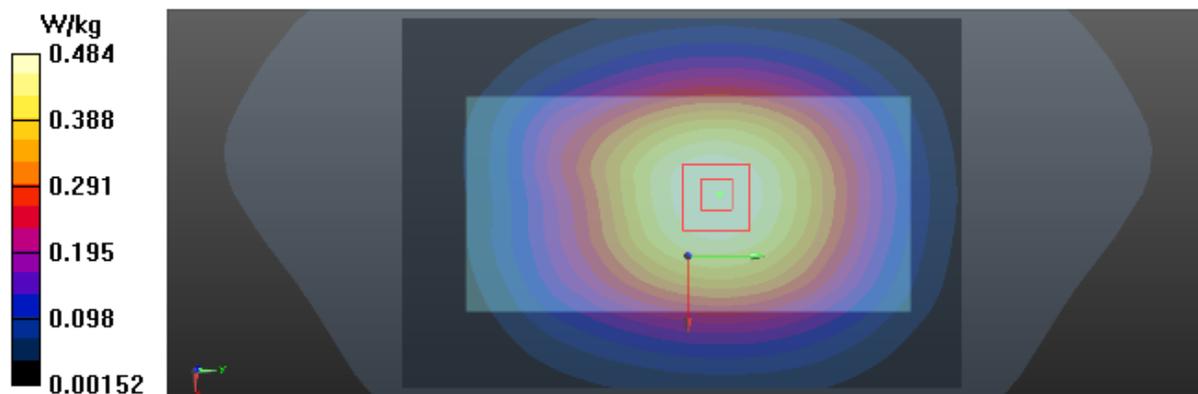
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.67 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.572 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: 2016/12/19

**T136\_UMTS B5\_RMC12.2K\_CH4182\_Rear Face\_1cm\_SIM 2**

**DUT: 1612C149;**

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

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.982$  S/m;  $\epsilon_r = 55.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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 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) = 0.507 W/kg

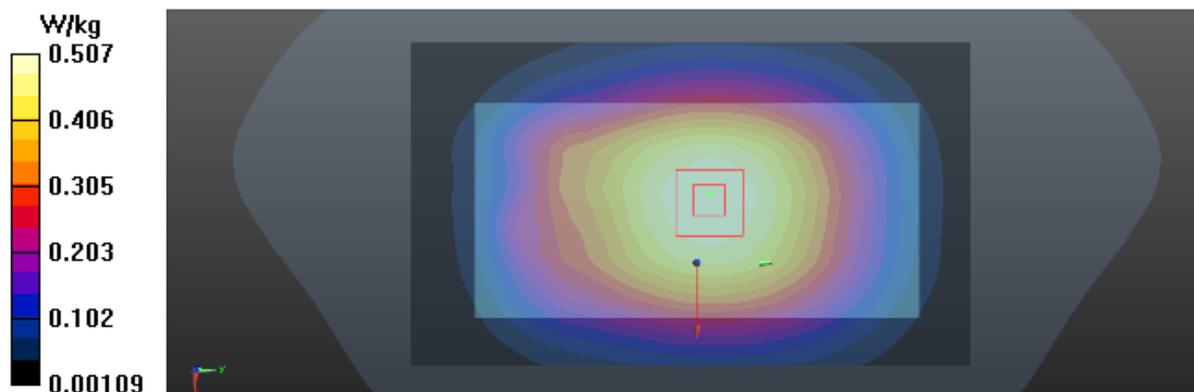
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.37 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.599 W/kg

**SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.382 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/27

**T205\_LET\_B2\_QPSK20M\_CH18900\_1RB\_Front Face\_1.5cm\_SIM2**

**DUT: 1612C149;**

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;  $\epsilon_r = 52.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

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 Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x12x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

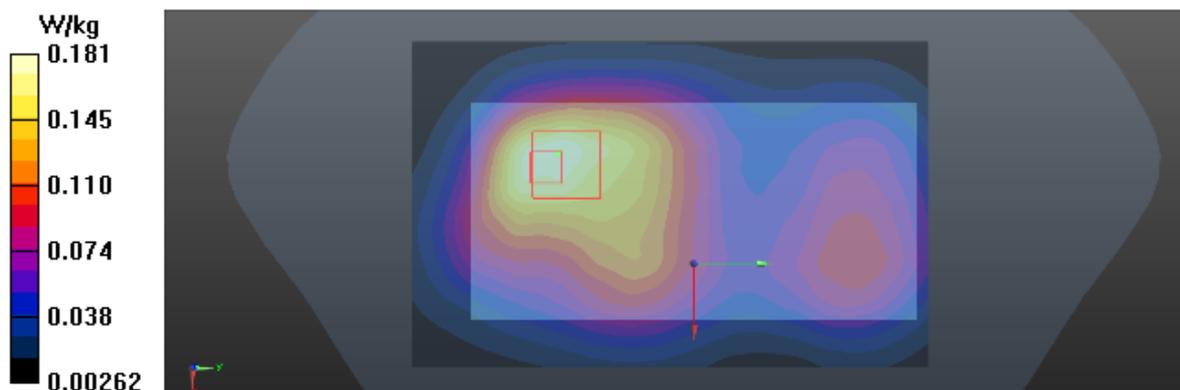
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.648 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.247 W/kg

**SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.169 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/27

**T217\_LET\_B2\_QPSK20M\_CH18900\_1RB\_Front Face\_1cm\_SIM2**

**DUT: 1612C149;**

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;  $\epsilon_r = 52.577$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

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 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) = 0.348 W/kg

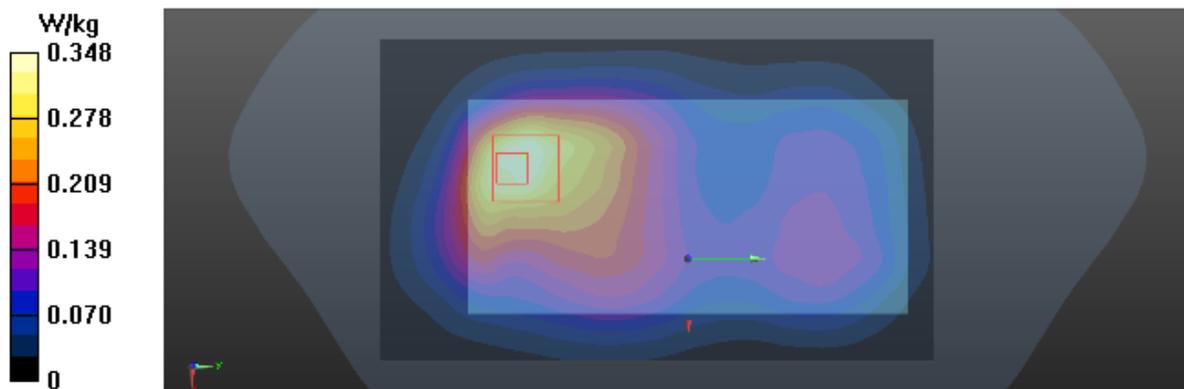
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.294 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.493 W/kg

**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.191 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/25

**T226\_LTE\_B4\_QPSK20M\_CH20175\_1RB\_Rear Face\_1.5cm\_SIM 2\_Battery 2**

**DUT: 1612C149;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  S/m;  $\epsilon_r = 52.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

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) = 0.442 W/kg

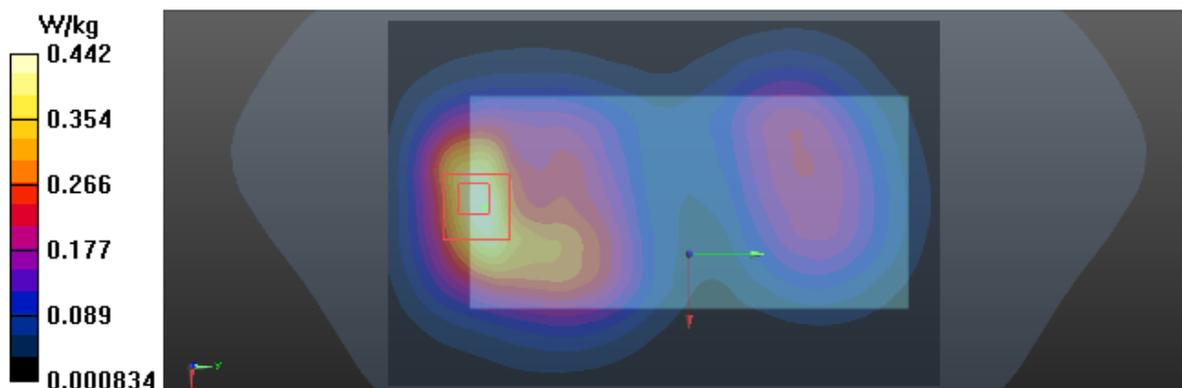
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.791 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.240 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/25

**T241\_LTE\_B4\_QPSK20M\_CH20175\_1RB\_Rear Face\_1cm\_Battery 2**

**DUT: 1612C149;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.48$  S/m;  $\epsilon_r = 52.402$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.4 °C; Liquid Temperature: 22.3 °C

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) = 0.977 W/kg

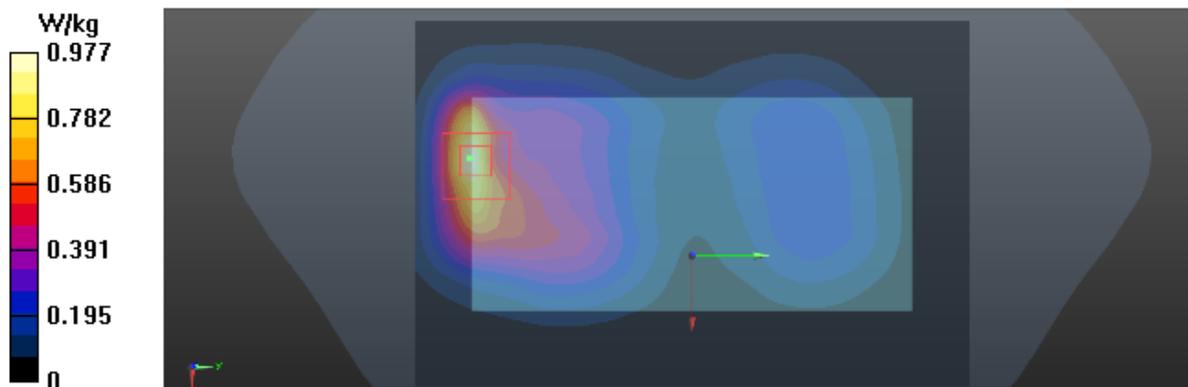
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.091 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.486 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/28

**T255\_LET\_B5\_QPSK10M\_CH20450\_1RB\_Rear Face\_1.5cm\_SIM 2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 55.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

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) = 0.453 W/kg

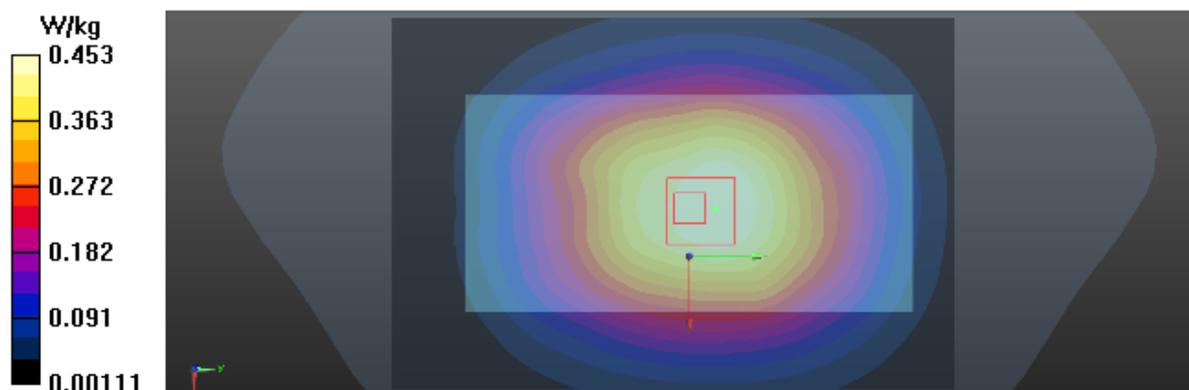
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.78 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.514 W/kg

**SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.450 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/28

**T267\_LET B5\_QPSK10M\_CH20450\_1RB\_Rear Face\_1cm\_SIM 2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.97$  S/m;  $\epsilon_r = 55.654$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.3 °C

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) = 0.446 W/kg

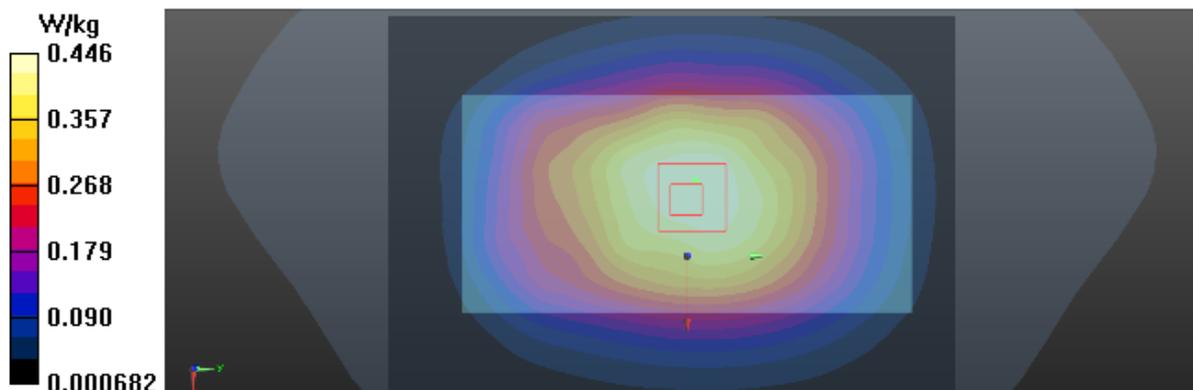
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.45 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.531 W/kg

**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.326 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/26

**T275\_LET\_B7\_QPSK20M\_CH21100\_1RB\_Rear\_Face\_1.5cm\_SIM2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.113$  S/m;  $\epsilon_r = 52.64$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature: 22.1 °C

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 Front; Type: Twin SAM; Serial: 1784
- 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) = 0.341 W/kg

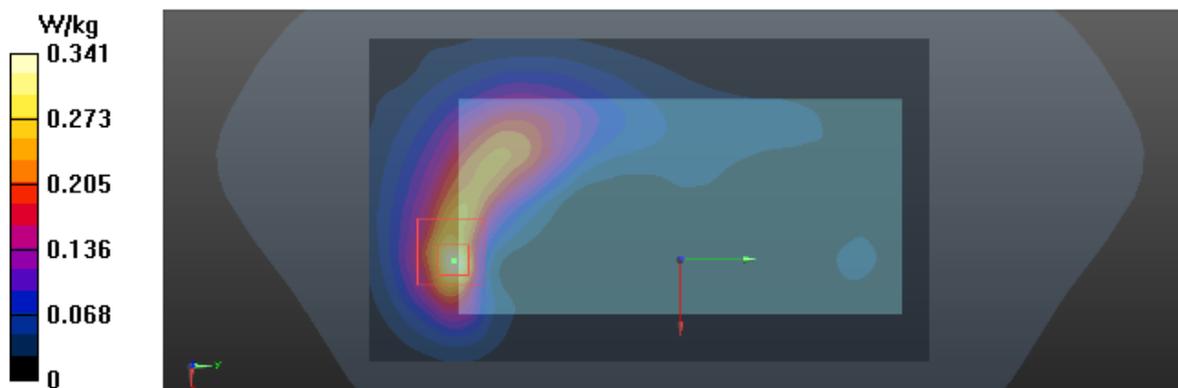
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.874 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.342 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/26

**T297\_LET B7\_QPSK20M\_CH20850\_1RB\_Bottom Side\_1cm\_SIM 2**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.078$  S/m;  $\epsilon_r = 52.713$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.6 °C; Liquid Temperature: 22.1 °C

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 Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x10x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

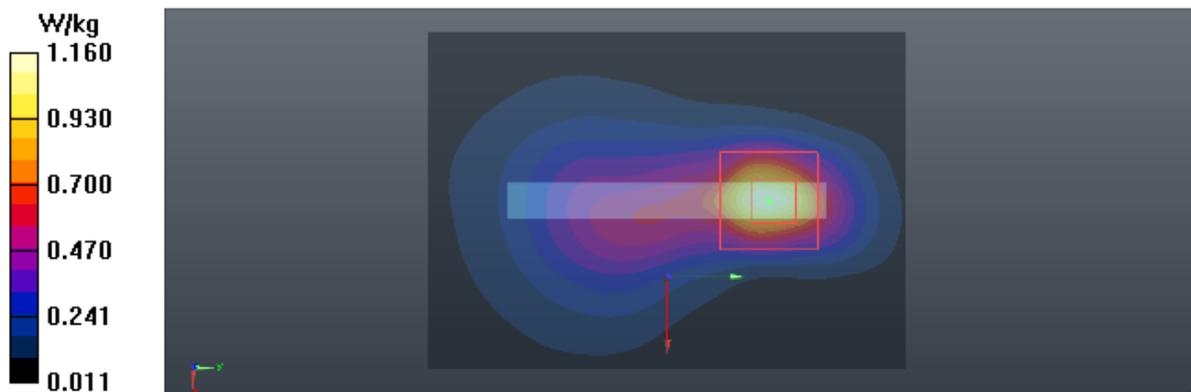
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.51 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.449 W/kg**

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



Test Laboratory: BTL Inc.

Date: 2016/12/24

**T302\_LTE B12\_QPSK10M\_CH23060\_1RB\_Rear Face\_1.5cm**

**DUT: 1612C149;**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 704$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 56.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); 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) = 0.222 W/kg

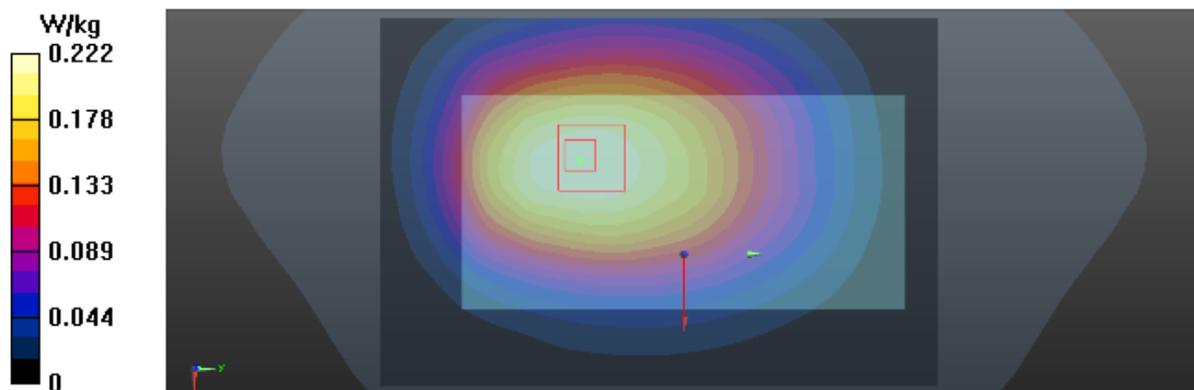
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.54 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.229 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/24

**T308\_LTE B12\_QPSK10M\_CH23060\_1RB\_Rear Face\_1cm**

**DUT: 1612C149;**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 704$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 56.844$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.1 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.28, 10.28, 10.28); 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) = 0.280 W/kg

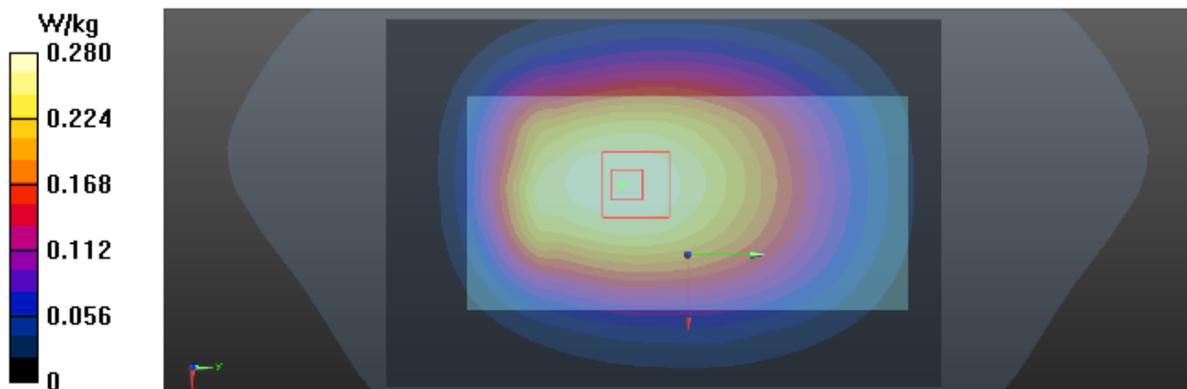
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.293 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/26

**T331\_802.11b\_CH11\_Rear Face\_1.5cm**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.009$  S/m;  $\epsilon_r = 51.541$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.7 °C; Liquid Temperature: 22.1 °C

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 Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (10x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0217 W/kg

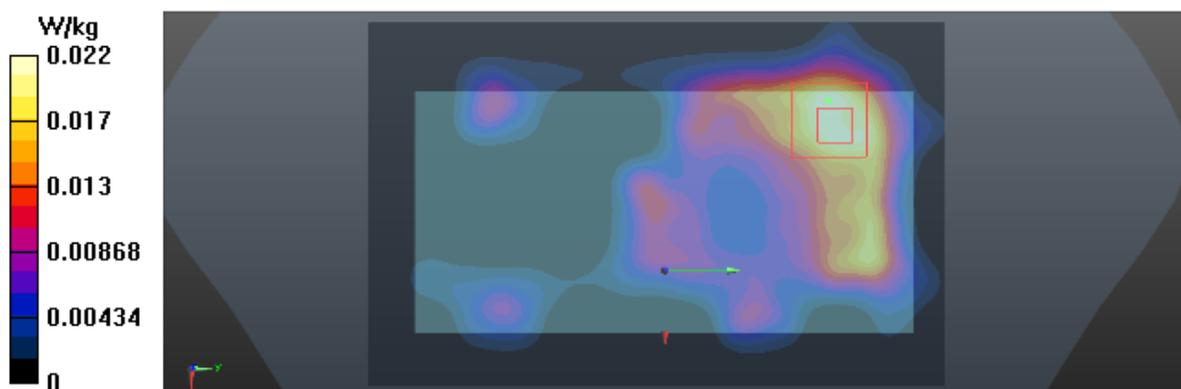
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.743 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0340 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00805 W/kg**

Maximum value of SAR (measured) = 0.0208 W/kg



Test Laboratory: BTL Inc.

Date: 2016/12/26

**T334\_802.11b\_CH11\_Rear Face\_1cm**

**DUT: 1612C149;**

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

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.009$  S/m;  $\epsilon_r = 51.541$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.7 °C; Liquid Temperature: 22.1 °C

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 Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (10x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0595 W/kg

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

Reference Value = 2.666 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.0561 W/kg

