

Test Laboratory: BTL.Inc

Date: 2019-11-29

**T11\_LTE B2\_QPSK20M\_CH18700\_1RB\_Rear Face****DUT: Watch;**

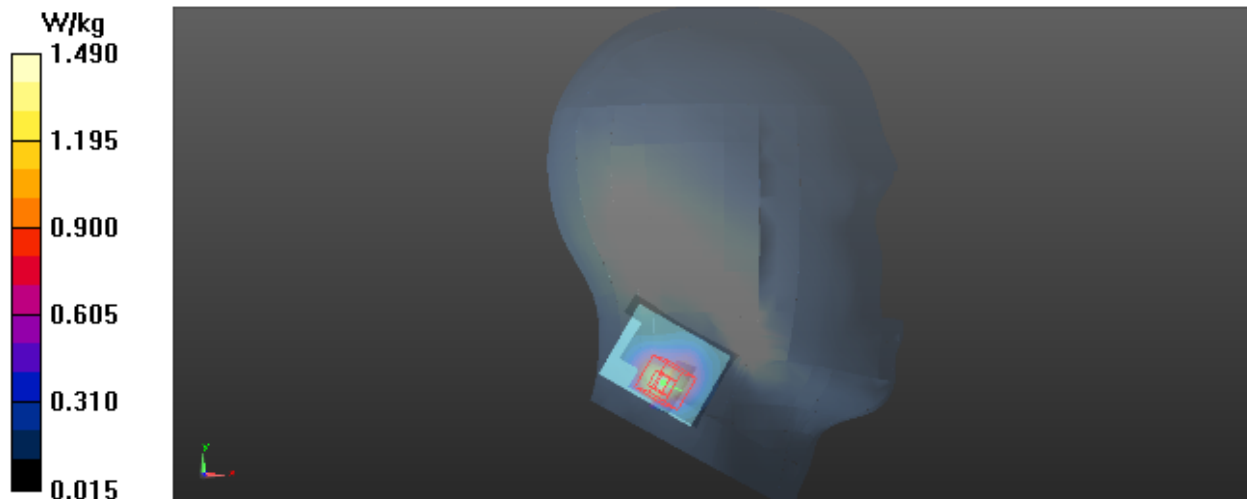
Communication System: UID 0, LTE FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 39.101$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

**DASY Configuration:**

- Probe: ES3DV3 - SN3162; ConvF(4.9, 4.9, 4.9) @ 1860 MHz; Calibrated: 2019-04-12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE3 Sn420; Calibrated: 2019-06-21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (4x5x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm  
Maximum value of SAR (interpolated) = 1.38 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 0.7860 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 2.36 W/kg  
**SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.749 W/kg**  
Maximum value of SAR (measured) = 1.49 W/kg



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**T13\_LTE B4\_QPSK20M\_CH20300\_1RB\_Rear Face\_0cm****DUT: Watch;**

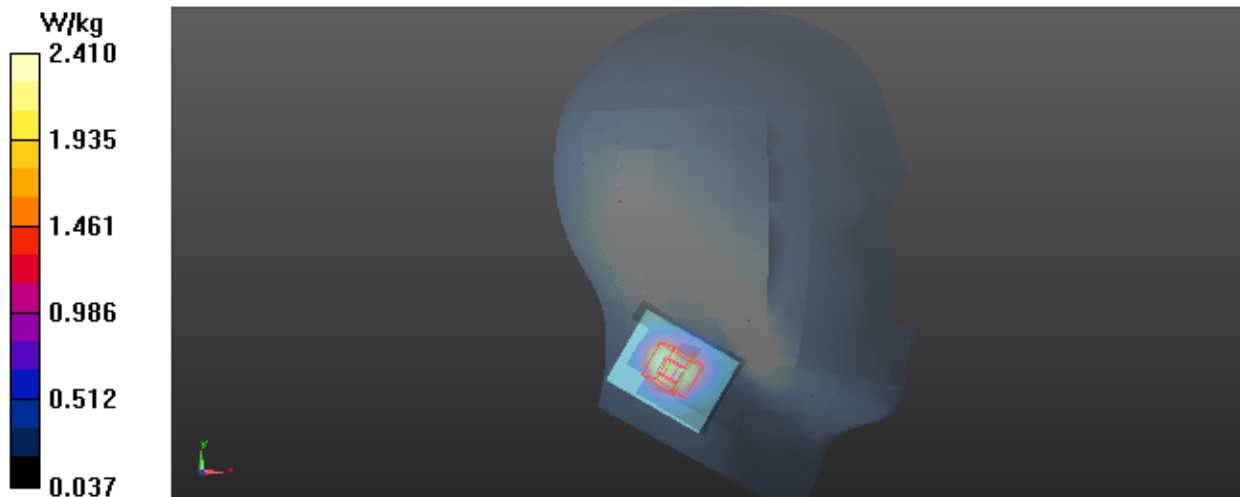
Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 38.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

**DASY Configuration:**

- Probe: ES3DV3 - SN3162; ConvF(5.19, 5.19, 5.19) @ 1745 MHz; Calibrated: 2019-04-12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE3 Sn420; Calibrated: 2019-06-21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (4x5x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm  
Maximum value of SAR (interpolated) = 2.59 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 1.256 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.90 W/kg  
**SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.24 W/kg**  
Maximum value of SAR (measured) = 2.41 W/kg



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**T15\_LTE B12\_QPSK10M\_CH23130\_1RB\_Rear Face****DUT: Watch;**

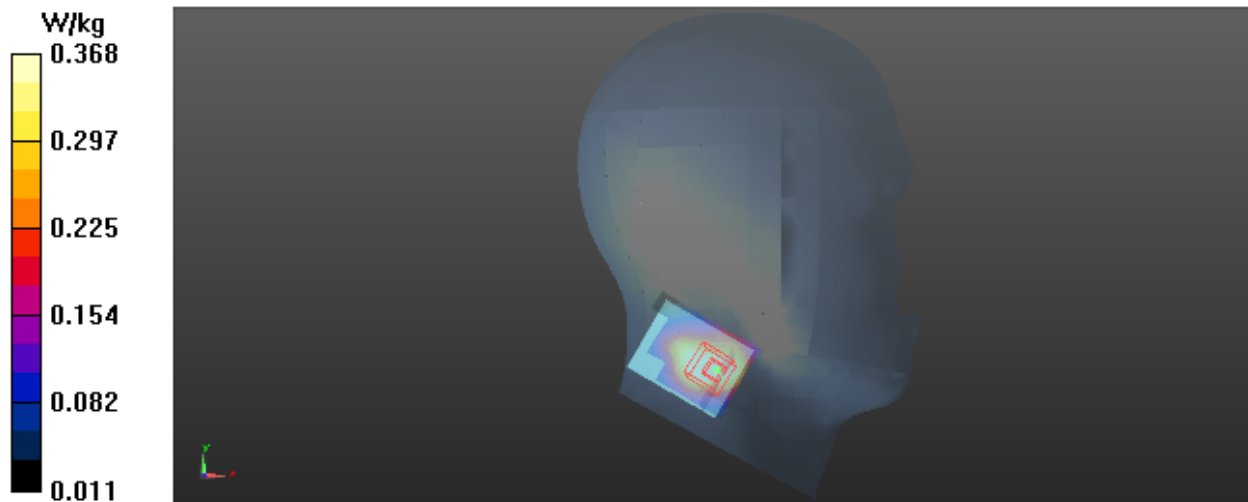
Communication System: UID 0, LTE FDD (0); Frequency: 711 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 41.632$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: ES3DV3 - SN3162; ConvF(6.09, 6.09, 6.09) @ 711 MHz; Calibrated: 2019-04-12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE3 Sn420; Calibrated: 2019-06-21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (4x5x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm  
Maximum value of SAR (interpolated) = 0.416 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 1.277 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.533 W/kg  
**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.203 W/kg**  
Maximum value of SAR (measured) = 0.368 W/kg



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**T17\_LTE B25\_QPSK20M\_CH26590\_1RB\_Rear Face****DUT: Watch;**

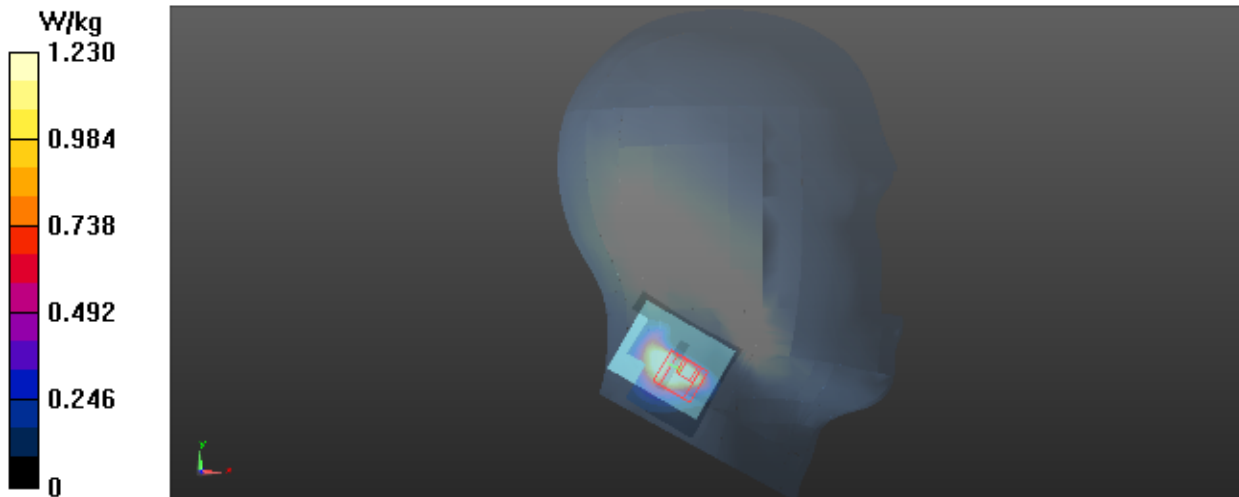
Communication System: UID 0, LTE FDD (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 1905$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 38.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

**DASY Configuration:**

- Probe: ES3DV3 - SN3162; ConvF(4.9, 4.9, 4.9) @ 1905 MHz; Calibrated: 2019-04-12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE3 Sn420; Calibrated: 2019-06-21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (4x5x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm  
Maximum value of SAR (interpolated) = 2.82 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 0.8450 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 4.61 W/kg  
**SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.653 W/kg**  
Maximum value of SAR (measured) = 1.23 W/kg



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**T19\_LTE B26\_QPSK15M\_CH26865\_1RB\_Rear Face\_0cm****DUT: Watch;**

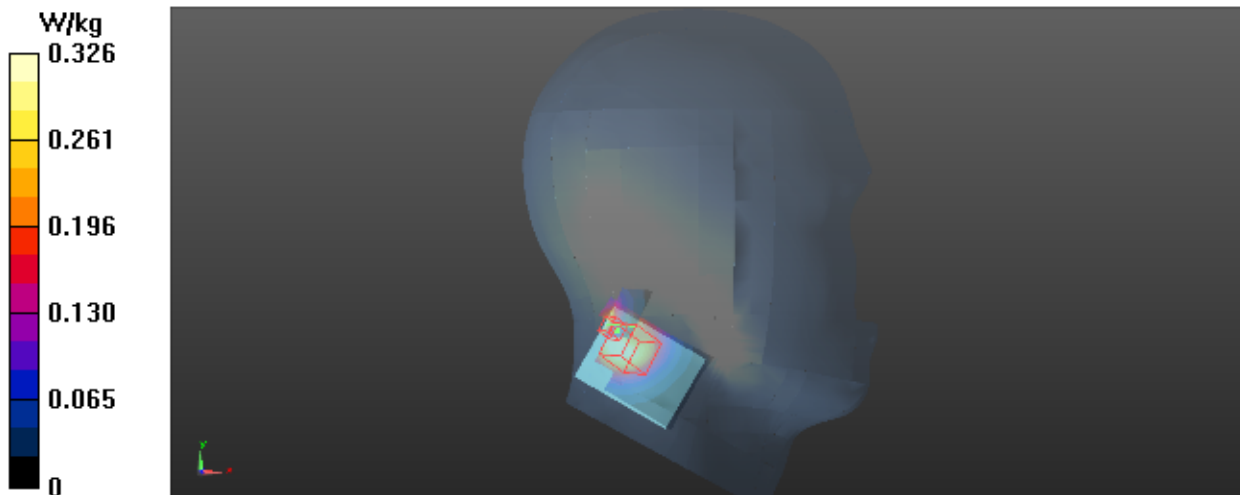
Communication System: UID 0, LTE FDD (0); Frequency: 821.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 821.5$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.267$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

**DASY Configuration:**

- Probe: ES3DV3 - SN3162; ConvF(5.92, 5.92, 5.92) @ 821.5 MHz; Calibrated: 2019-04-12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE3 Sn420; Calibrated: 2019-06-21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (4x5x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm  
Maximum value of SAR (interpolated) = 0.337 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 1.011 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.624 W/kg  
**SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.172 W/kg**  
Maximum value of SAR (measured) = 0.326 W/kg



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**T22\_802.11b\_CH6\_Rear Face\_0cm****DUT: Watch;**

Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 38.065$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: ES3DV3 - SN3162; ConvF(4.5, 4.5, 4.5) @ 2437 MHz; Calibrated: 2019-04-12
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 2.0, 32.0$
- Electronics: DAE3 Sn420; Calibrated: 2019-06-21
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (4x5x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm  
Maximum value of SAR (interpolated) = 0.0853 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 0.5930 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 0.141 W/kg  
**SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.042 W/kg**  
Maximum value of SAR (measured) = 0.0913 W/kg

