

Test Laboratory: BTL Inc.

Date: 02/26/2016

**T06\_802.11b\_CH1\_Top Side\_0.5cm**

**DUT: 1602C008;**

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

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.927$  S/m;  $\epsilon_r = 53.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY Configuration:

- Probe: EX3DV4 - SN3661; ConvF(7.31, 7.31, 7.31); Calibrated: 04/24/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Front; Type: Twin SAM; Serial: 1784
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Area Scan (8x13x1):** Interpolated grid:  $dx=12$  mm,  $dy=12$  mm

Maximum value of SAR (interpolated) = 0.0671 W/kg

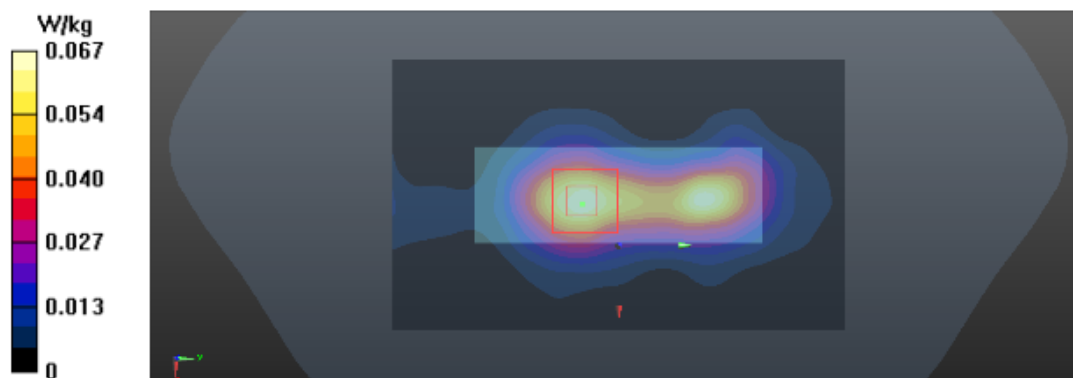
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.363 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.0636 W/kg



Test Laboratory: BTL Inc.

Date: 02/27/2016

**T07\_802.11a\_CH36\_Front Face\_0.5cm**

**DUT: 1602C008;**

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.392$  S/m;  $\epsilon_r = 47.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY Configuration:

- Probe: EX3DV4 – SN3661; ConvF(4.92, 4.92, 4.92); Calibrated: 04/24/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 09/18/2015
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Area Scan (16x19x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm

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

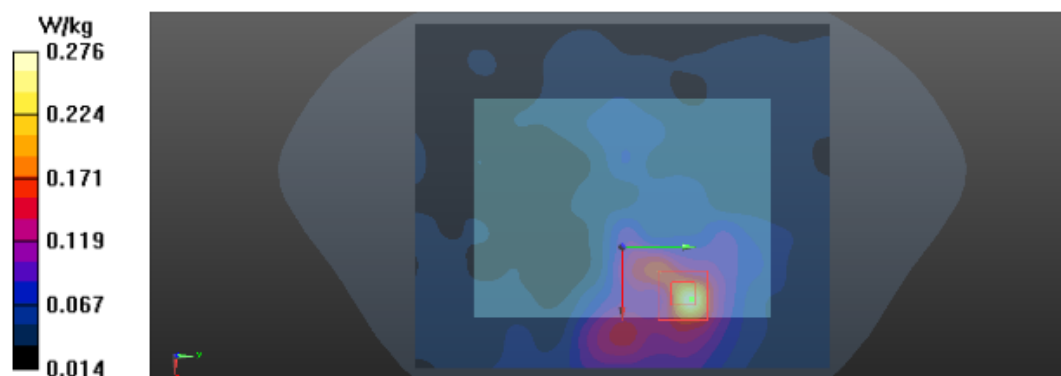
**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2.5$ mm

Reference Value = 3.410 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg



Test Laboratory: BTL Inc.

Date: 02/27/2016

**T14\_802.11a\_CH149\_Front Face\_0.5cm**

**DUT: 1602C008;**

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.189$  S/m;  $\epsilon_r = 46.708$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 – SN3661; ConvF(4.35, 4.35, 4.35); Calibrated: 04/11/2015;
- 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 (16x19x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm

Maximum value of SAR (interpolated) = 0.141 W/kg

**Zoom Scan (7x7x9)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2.5$ mm

Reference Value = 2.281 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.145 W/kg

