

Test Laboratory: BTL Inc.

Date: 2018/3/18

T03_802.11b_CH1_Back of Keyboard_0cm

DUT: RZ09;

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; $\sigma = 1.916$ S/m; $\epsilon_r = 53.203$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(7.53, 7.53, 7.53); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x25x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (interpolated) = 0.482 W/kg

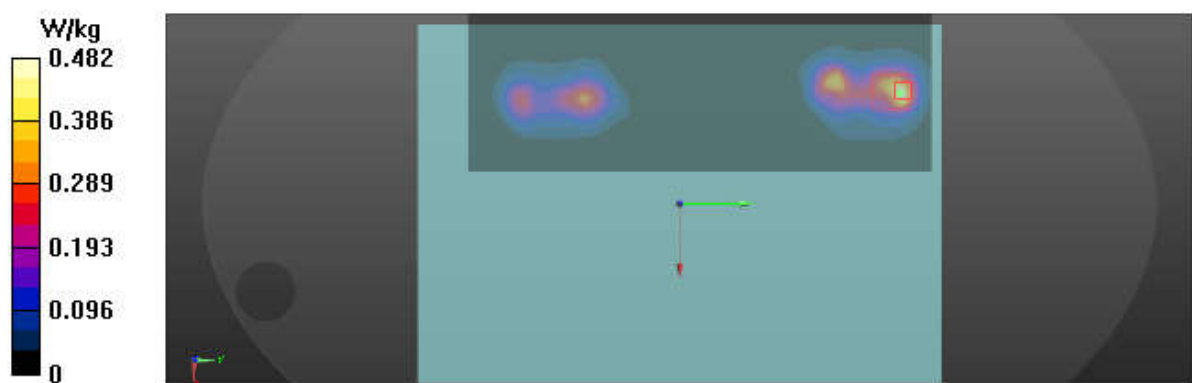
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.385 W/kg



Test Laboratory: BTL Inc.

Date: 2018/3/18

T07_802.11a_CH64_Back of Keyboard_0cm

DUT: RZ09;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.51$ S/m; $\epsilon_r = 47.414$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.93, 4.93, 4.93); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (12x31x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.680 W/kg

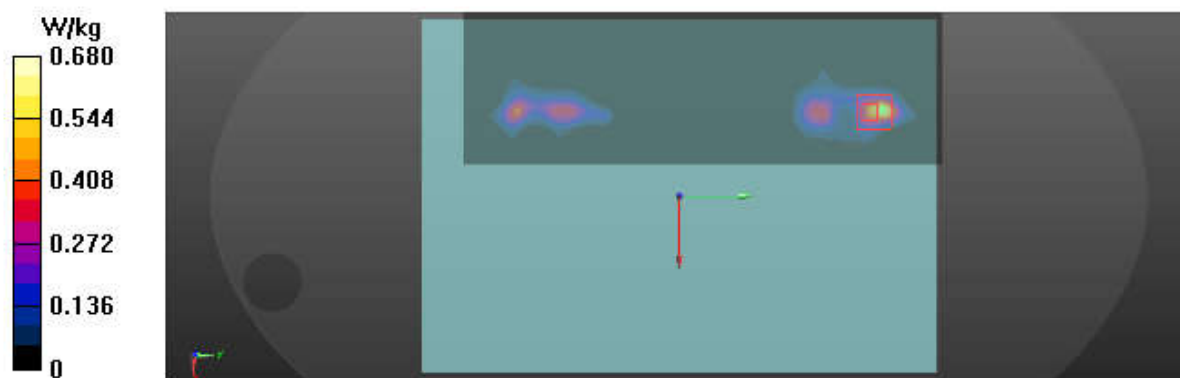
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.373 W/kg



Test Laboratory: BTL Inc.

Date: 2018/3/18

T19_802.11a_CH136_Back of Keyboard_0cm

DUT: RZ09;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5680 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5680 \text{ MHz}$; $\sigma = 6.003 \text{ S/m}$; $\epsilon_r = 46.723$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: $23.4 \text{ }^\circ\text{C}$; Liquid Temperature: $22.3 \text{ }^\circ\text{C}$

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.19, 4.19, 4.19); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (12x31x1): Interpolated grid: $dx=10 \text{ mm}$, $dy=10 \text{ mm}$

Maximum value of SAR (interpolated) = 0.416 W/kg

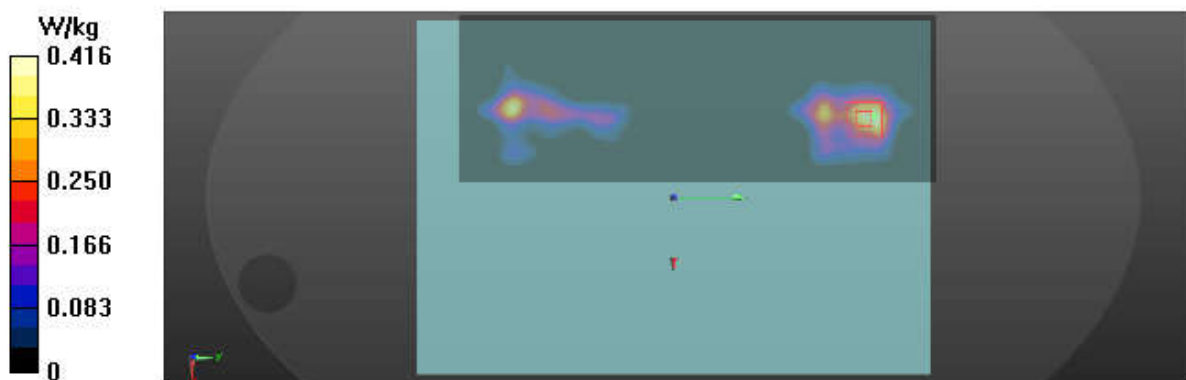
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.224 W/kg ; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.494 W/kg



Test Laboratory: BTL Inc.

Date: 2018/3/18

T23_802.11a_CH165_Back of Keyboard_0cm

DUT: RZ09;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825$ MHz; $\sigma = 6.217$ S/m; $\epsilon_r = 46.371$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(4.52, 4.52, 4.52); Calibrated: 2017/5/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (12x31x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.539 W/kg

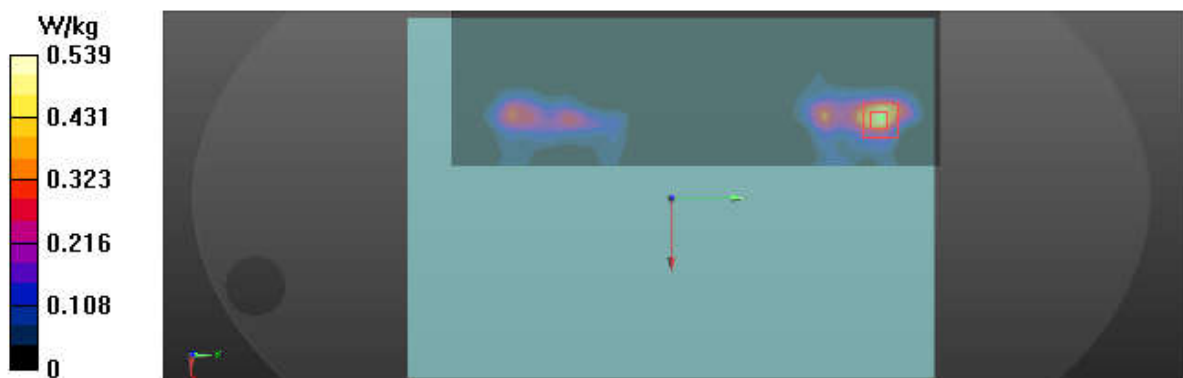
Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.495 W/kg



Test Laboratory: BTL Inc.

Date: 2018/3/18

T32_BT DH5_CHO_Back of Keyboard_0cm

DUT: RZ09;

Communication System: UID 0, IEEE802.15.1 BluetoothGFSK, DH5 (0); Frequency: 2402 MHz; Duty Cycle: 1:3.38844

Medium parameters used: $f = 2402$ MHz; $\sigma = 1.899$ S/m; $\epsilon_r = 53.21$; $\rho = 1000$ kg/m³

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

DASY Configuration:

- Probe: EX3DV4 – SN7396; ConvF(7.53, 7.53, 7.53); Calibrated: 2017/5/25;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2017/9/15
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (10x13x1): Interpolated grid: $dx=12$ mm, $dy=12$ mm

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

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

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0240 W/kg

SAR(1 g) = 0.004 W/kg; SAR(10 g) = 0.001 W/kg

Maximum value of SAR (measured) = 0.0112 W/kg

