

**T02\_802.11b\_CH1\_Back of Keyboard\_0cm\_ANT 1**

**DUT: Notebook;**

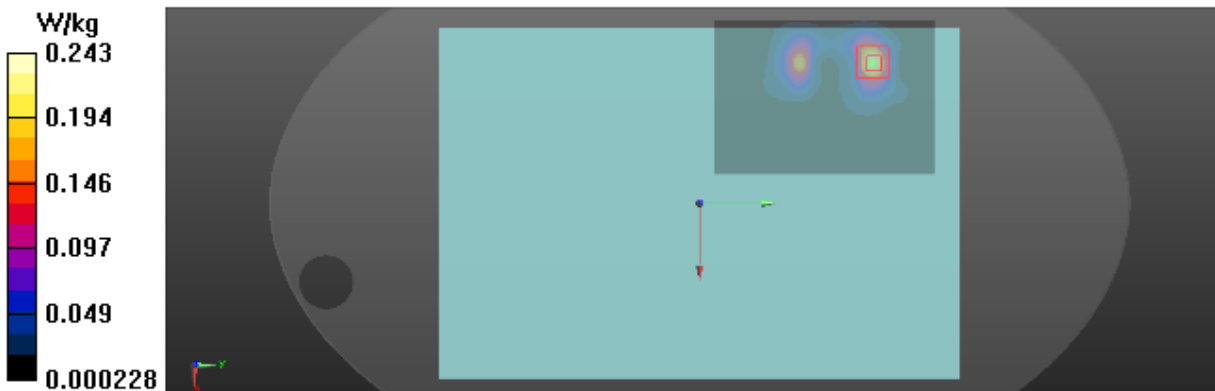
Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 53.201$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018-05-29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- 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) = 0.236 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) = 0.319 W/kg  
**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.073 W/kg**  
Maximum value of SAR (measured) = 0.243 W/kg



**T07\_802.11b\_CH1\_Back of Keyboard\_0cm\_ANT 2**

**DUT: Notebook;**

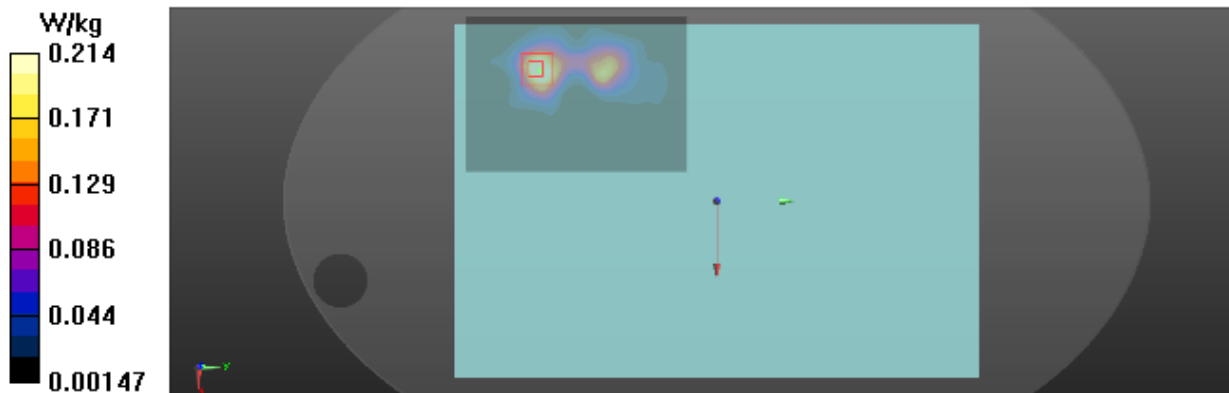
Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 53.201$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018-05-29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- 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) = 0.263 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) = 0.316 W/kg  
**SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.072 W/kg**  
Maximum value of SAR (measured) = 0.214 W/kg



**T10\_802.11a\_CH64\_Back of Keyboard\_0cm\_ANT 1**

**DUT: Notebook;**

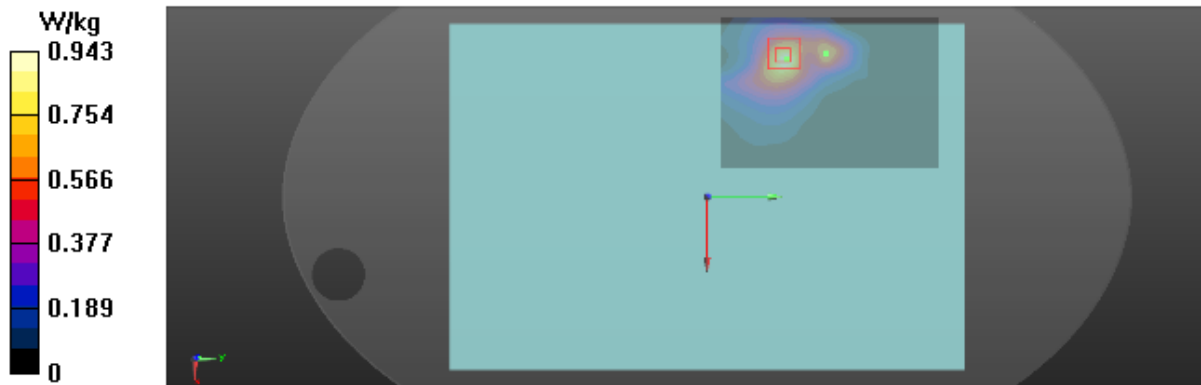
Communication System: UID 0, 802.11a (0); Frequency: 5320 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.538$  S/m;  $\epsilon_r = 47.434$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY Configuration:**

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05); Calibrated: 2018-05-29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
 Maximum value of SAR (interpolated) = 0.943 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) = 1.49 W/kg  
**SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.190 W/kg**  
 Maximum value of SAR (measured) = 0.943 W/kg



**T15\_802.11a\_CH52\_Back of Keyboard\_0cm\_ANT 2**

**DUT: Notebook;**

Communication System: UID 0, 802.11a (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.461$  S/m;  $\epsilon_r = 47.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05); Calibrated: 2018-05-29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 0.662 W/kg

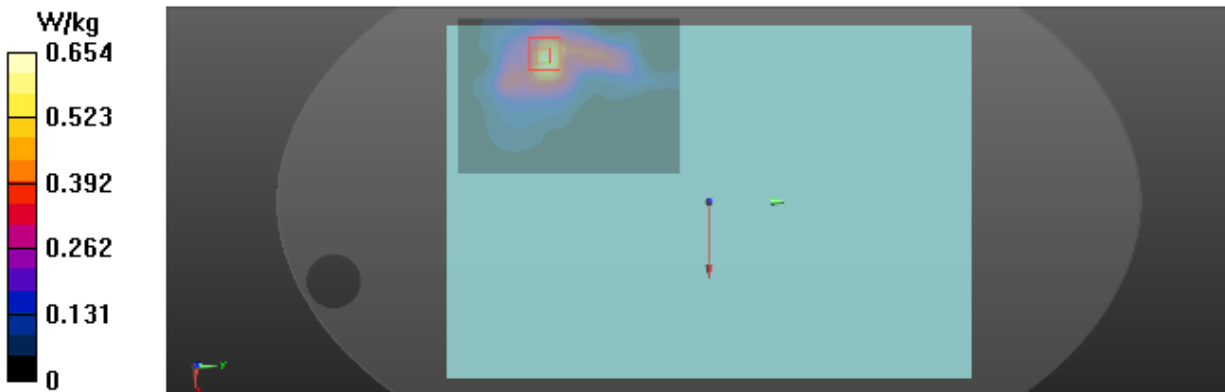
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

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

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 0.654 W/kg



**T20\_802.11a\_CH140\_Back of Keyboard\_0cm\_ANT 1**

**DUT: Notebook;**

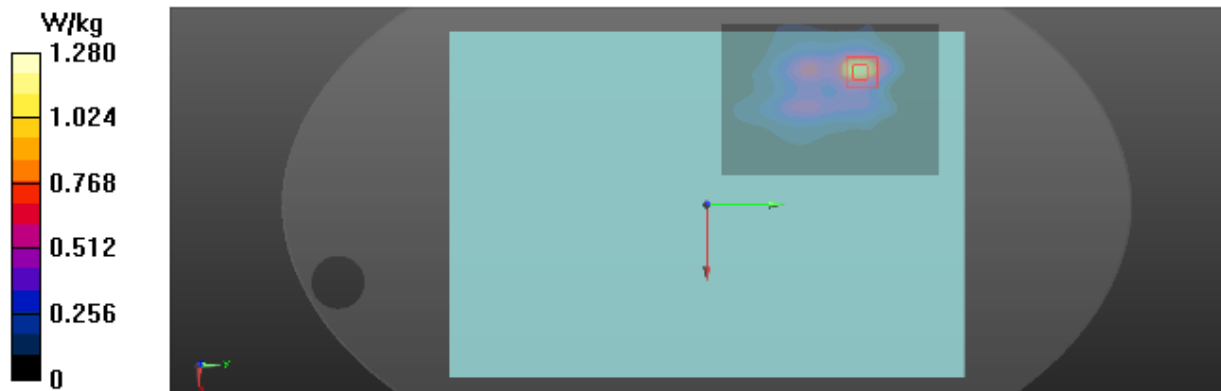
Communication System: UID 0, 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.076$  S/m;  $\epsilon_r = 46.772$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018-05-29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 1.17 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) = 2.34 W/kg  
**SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.239 W/kg**  
Maximum value of SAR (measured) = 1.28 W/kg



**T22\_802.11a\_CH140\_Back of Keyboard\_0cm\_ANT 2**

**DUT: Notebook;**

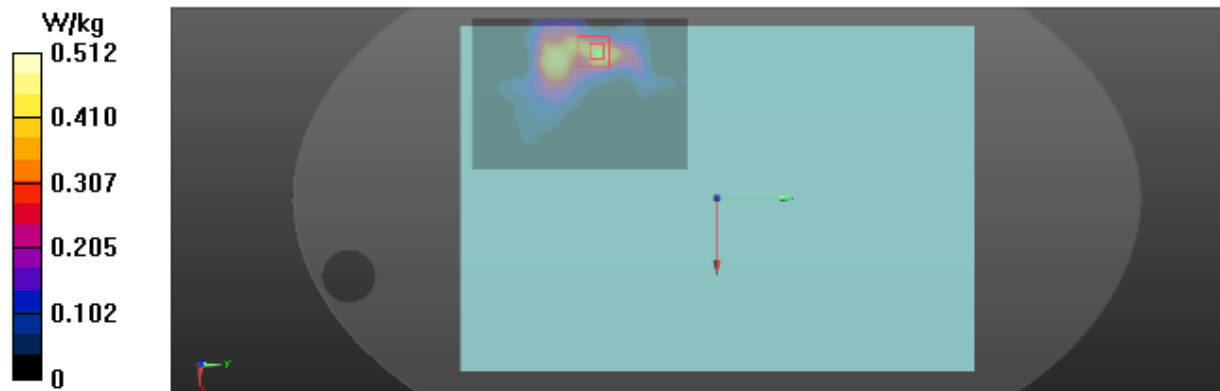
Communication System: UID 0, 802.11a (0); Frequency: 5700 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.076$  S/m;  $\epsilon_r = 46.772$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018-05-29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 0.459 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) = 0.901 W/kg  
**SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.084 W/kg**  
Maximum value of SAR (measured) = 0.512 W/kg



**T29\_802.11a\_CH157\_Back of Keyboard\_0cm\_ANT 1**

**DUT: Notebook;**

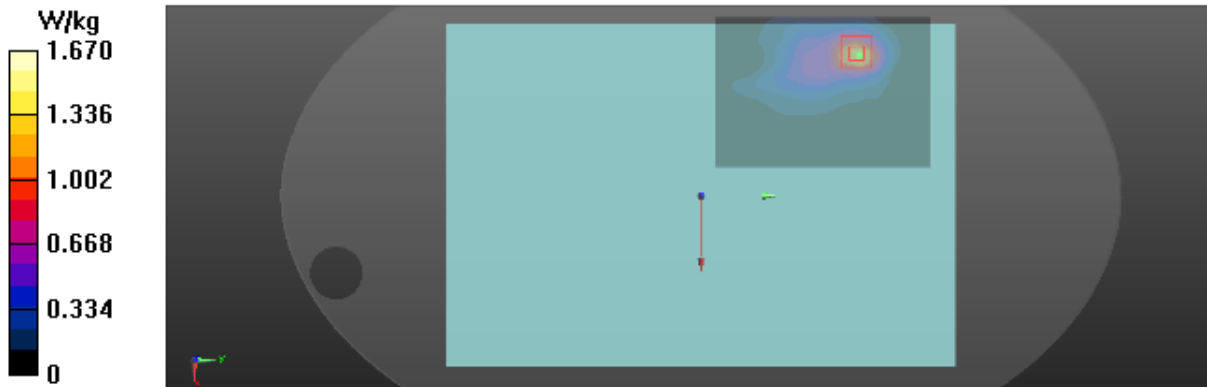
Communication System: UID 0, 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.2$  S/m;  $\epsilon_r = 46.585$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018-05-29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 1.36 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) = 3.28 W/kg  
**SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.292 W/kg**  
Maximum value of SAR (measured) = 1.67 W/kg



**T34\_802.11a\_CH165\_Back of Keyboard\_0cm\_ANT 2**

**DUT: Notebook;**

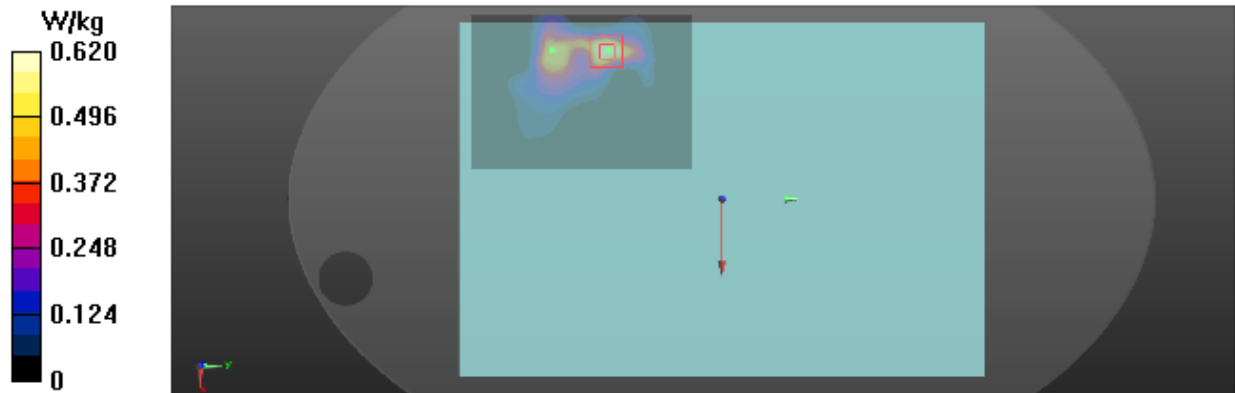
Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.244$  S/m;  $\epsilon_r = 46.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018-05-29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid:  $dx=10$  mm,  $dy=10$  mm  
Maximum value of SAR (interpolated) = 0.681 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) = 1.05 W/kg  
**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.101 W/kg**  
Maximum value of SAR (measured) = 0.620 W/kg





**T38\_BT\_CH78\_Back of Keyboard\_0cm**

**DUT: Notebook;**

Communication System: UID 0, BT (0); Frequency: 2480 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.012$  S/m;  $\epsilon_r = 53.012$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018-05-29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn420; Calibrated: 2018-03-22
- 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) = 0.0159 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) = 0.0160 W/kg  
**SAR(1 g) = 0.008 W/kg; SAR(10 g) = 0.002 W/kg**  
Maximum value of SAR (measured) = 0.0110 W/kg

