

Test Laboratory: BTL.Inc

Date: 2022/4/2

## B05\_2.4G SRD\_CH0\_TOP SIDE\_OCM

### DUT: Keyboard;

Communication System: UID 0, 2.4G (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.902$  S/m;  $\epsilon_r = 38.178$ ;  $\rho = 1000$  kg/m<sup>3</sup>

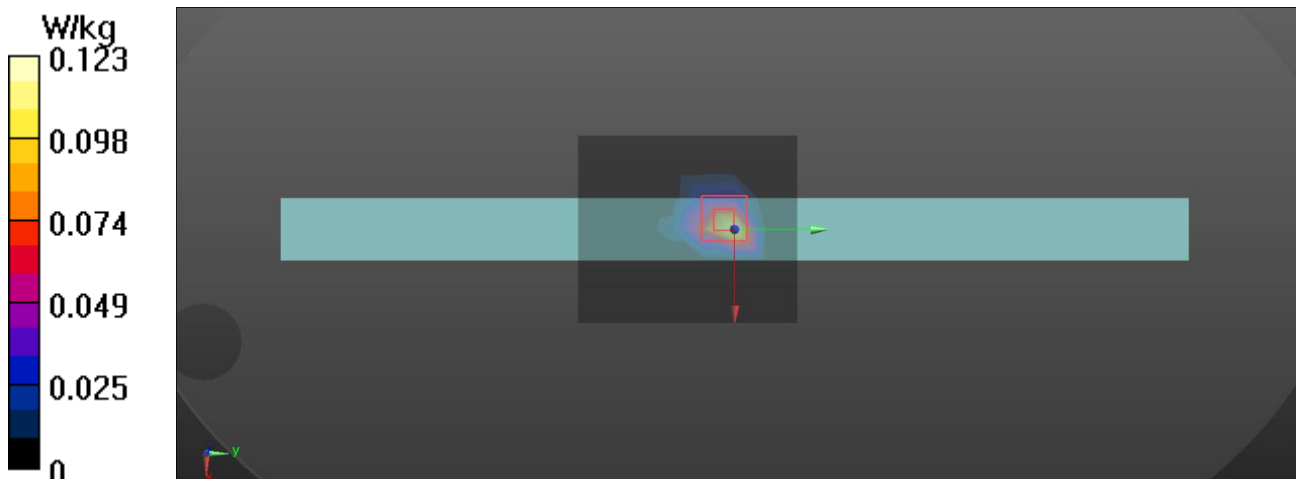
Ambient Temperature: 23.3 °C; Liquid Temperature : 22.4 °C

### DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.51, 7.51) @ 2480 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x10x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.123 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 7.805 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.342 W/kg  
**SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.033 W/kg**  
Maximum value of SAR (measured) = 0.208 W/kg



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## B10\_BLE\_CH0\_TOP SIDE\_0CM

### DUT: Keyboard;

Communication System: UID 0, Bluetooth (0); Frequency: 2440 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2440$  MHz;  $\sigma = 1.855$  S/m;  $\epsilon_r = 38.335$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.51, 7.51) @ 2440 MHz; Calibrated: 2021/12/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1423; Calibrated: 2022/1/21
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: TP:1222
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (9x10x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.175 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 9.973 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.349 W/kg  
**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.031 W/kg**  
Maximum value of SAR (measured) = 0.219 W/kg

