

Test Laboratory: BTL.Inc

Date: 2022/4/29

## W07\_SRD\_CH0\_Horizontal-Up\_0.5cm

**DUT: USB Dongle;**

Communication System: UID 0, SRD (0);

Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2402$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 40.419$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.51, 7.51) @ 2402 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: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (6x7x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 0.192 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 8.805 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.286 W/kg  
**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.055 W/kg**  
Maximum value of SAR (measured) = 0.211 W/kg

