

Test Laboratory: BTL Inc.      Date: 2019/4/24

### T03\_LE\_CH39\_Vertical Back\_0.5cm

#### DUT: USB Adapter;

Communication System: UID 0, IEEE 802.15.1 Bluetooth (GFSK) (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.972$  S/m;  $\epsilon_r = 51.463$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

#### DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7) @ 2441 MHz; Calibrated: 2018/5/29
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: SAM Right; Type: Twin SAM; Serial: 1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (5x5x1):** Interpolated grid:  $dx=12$  mm,  $dy=12$  mm

Maximum value of SAR (interpolated) = 0.0539 W/kg

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

Reference Value = 3.562 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.014 W/kg**

Maximum value of SAR (measured) = 0.0372 W/kg

