

Test Laboratory: BTL Inc.

Date: 2024/4/28

## W07\_2.4G SRD\_CH39\_Horizontal Down\_0mm

**DUT: Dongle;**

Communication System: UID 0, SRD 2.4G (0);

Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.879$  S/m;  $\epsilon_r = 39.656$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 22.9 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN3809; ConvF(7.46, 7.04, 6.83) @ 2480 MHz; Calibrated: 2023/12/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn420; Calibrated: 2024/3/19
- Phantom: SAM Mid v5.0; Type: QD000P40CD; Serial: S/N:1896
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Area Scan (5x8x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.186 W/kg

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

Reference Value = 12.60 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.594 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.413 W/kg

