

Test Laboratory: BTL Inc.

Date: 2024/4/28

## System Check\_H2450\_0428

**DUT: Dipole 2450 MHz D2450V2;SN:919;**

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2450$  MHz;  $\sigma = 1.848$  S/m;  $\epsilon_r = 39.751$ ;  $\rho = 1000$  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) @ 2450 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 (8x9x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm  
Maximum value of SAR (measured) = 16.5 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 118.4 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 25.9 W/kg  
**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.24 W/kg**  
Maximum value of SAR (measured) = 21.4 W/kg

