

Test Laboratory: BTL Inc.

Date: 2024/7/24

## System Check\_H2450\_0724

**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;  $\sigma = 1.767$  S/m;  $\epsilon_r = 38.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 22.9 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.33, 8.33, 8.33) @ 2450 MHz; Calibrated: 2023/10/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- 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) = 14.1 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 109.9 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 25.1 W/kg  
**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.9 W/kg**  
Maximum value of SAR (measured) = 20.3 W/kg

