

Test Laboratory: BTL Inc. (Dongguan)

Date: 2026/1/22

**System Check\_H2450\_0122****DUT: Dipole 2450 MHz D2450V2;SN:919;**

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used :  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.89 \text{ S/m}$ ;  $\epsilon_r = 38.294$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$ 

DASY Configuration:

- Probe: EX3DV4-SN7693; ConvF(7.29, 7.14, 7.75)@2450MHz; Calibrated: 2025/11/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn420; Calibrated: 2025/4/8
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Type: QD 000 P41 Ax; Serial: 2081
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Area Scan (7x8x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (measured) =  $6.73 \text{ W/kg}$ **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $67.81 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$ Peak SAR (extrapolated) =  $10.9 \text{ W/kg}$ **SAR(1 g) =  $5.42 \text{ W/kg}$ ; SAR(10 g) =  $2.52 \text{ W/kg}$** Smallest distance from peaks to all points 3 dB below =  $9 \text{ mm}$ Ratio of SAR at M2 to SAR at M1 =  $50.3\%$ Maximum value of SAR (measured) =  $8.92 \text{ W/kg}$ 