

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2024/8/31

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_240831 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 39.159$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(7.72, 7.83, 7.84) @ 2450 MHz; Calibrated: 2024/2/1
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2023/12/6
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.95 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.04 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.74 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.14 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51.4%

Maximum value of SAR (measured) = 3.94 W/kg

