

Test Laboratory: BTL Inc.

Date: 2024/1/29

System Check_H2450_0129**DUT: Dipole 24500 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/m³

Ambient Temperature: 21.7 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.57, 7.57, 7.57) @ 2450 MHz; Calibrated: 2023/2/16
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2023/11/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- 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) = 21.4 W/kg

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

Reference Value = 89.13 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.77 W/kg

Maximum value of SAR (measured) = 21.3 W/kg

