

Test Laboratory: BTL.Inc

Date: 2022/5/30

System Check_H2450_0530

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; $\sigma = 1.858$ S/m; $\epsilon_r = 39.745$; $\rho = 1000$ kg/m³
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.2 °C

DASY Configuration:

- Probe: EX3DV4 - SN7693; ConvF(8.43, 8.43, 8.43) @ 2450 MHz; Calibrated: 2021/11/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2021/12/29
- Phantom: SAM Right v5.0; Type: QD000P40CC; Serial: TP:1469
- 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) = 20.4 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 93.20 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 26.9 W/kg
SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.77 W/kg
Maximum value of SAR (measured) = 21.3 W/kg

