



Appendix A. Plots of System Performance Check

System Check_B2450_150820

DUT: Dipole 2450MHz D2450V2_ SN: 929

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: B2450_150820 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 51.299$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; **Liquid Temperature** : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.26, 7.26, 7.26); Calibrated: 2015/2/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2015/2/20
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.2 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.80 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 27.8 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.09 W/kg

Maximum value of SAR (measured) = 20.3 W/kg

