

System Check_H2450_200312**DUT: Dipole 2450 MHz D2450V2;**

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

Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.5°C

DASY Configuration:

- Probe: EX3DV4 - SN7369; ConvF(7.65, 7.65, 7.65) @ 2450 MHz; Calibrated: 2019/6/19
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1486; Calibrated: 2019/6/13
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1240
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

System Performance Check at Frequencies above 1 GHz/Pin=250mW/Area Scan (9x9x1):

Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 19.9 W/kg

System Performance Check at Frequencies above 1 GHz/Pin=250mW/Zoom Scan (7x7x7)/Cube

0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 106.8 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.99 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 20.0 W/kg

