

## System Check-D2450V2\_H2450

### DUT: Dipole 2450 MHz D2450V2 SN:1014

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

Medium: H2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 38.155$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.85, 7.85, 7.85) @ 2450 MHz; Calibrated: 2022/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2022/1/20
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=250 mW/Area Scan (71x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 22.8 W/kg

**Pin=250 mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 113.2 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 27.8 W/kg  
**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.19 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.9 mm  
Ratio of SAR at M2 to SAR at M1 = 48.8%  
Maximum value of SAR (measured) = 22.3 W/kg

