

System Check_H2450

DUT: Dipole 2450 MHz; Type:D2450V2; SN:927

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

Medium: H2450 Medium parameters used: $f = 2450\text{ MHz}$; $\sigma = 1.78\text{ S/m}$; $\epsilon_r = 39.70$; $\rho = 1000\text{ kg/m}^3$

Ambient Temperature : $22.2\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.4\text{ }^{\circ}\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7336; ConvF(7.91, 7.91, 7.91); Calibrated: 2022/12/02;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022/12/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Pin=250mW/Area Scan (41x51x1): Interpolated grid: $dx=2.000\text{ mm}$, $dy=2.000\text{ mm}$

Maximum value of SAR (interpolated) = 22.2 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 114.7 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 29.0 W/kg

SAR(1 g) = 13.08 W/kg ; SAR(10 g) = 6.10 W/kg

Maximum value of SAR (measured) = 23.22 W/kg

