

Top

DUT: VJ4415FM-WL-XH

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.786 \text{ S/m}$; $\epsilon_r = 39.624$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(7.91, 7.91, 7.91); Calibrated: 2022/4/18;
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1418; Calibrated: 2022/3/24
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Top Side/Area Scan (61x101x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0729 W/kg

Top Side/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.276 V/m ; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.0942 W/kg ; SAR(10 g) = 0.0309 W/kg
Maximum value of SAR (measured) = 0.0523 W/kg

