

2.4GWIFI

DUT: BTC

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1  
Medium: H2450 Medium parameters used:  $f = 2437\text{ MHz}$ ;  $\sigma = 1.784\text{ S/m}$ ;  $\epsilon_r = 40.407$ ;  $\rho = 1000\text{ kg/m}^3$   
Ambient Temperature :  $22.4\text{ }^{\circ}\text{C}$ ; Liquid Temperature :  $22.2\text{ }^{\circ}\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2023/5/17;
  - Sensor-Surface: 4mm (Mechanical Surface Detection)
  - Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
  - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
  - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

FRONT/Area Scan (7x11x1): Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) =  $0.0400\text{ W/kg}$

FRONT/Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.327\text{ V/m}$ ; Power Drift =  $-0.10\text{ dB}$

Peak SAR (extrapolated) =  $0.0860\text{ W/kg}$

SAR(1 g) =  $0.359\text{ W/kg}$ ; SAR(10 g) =  $0.168\text{ W/kg}$

Maximum value of SAR (measured) =  $0.00624\text{ W/kg}$

