

5.2GWIFI

DUT:

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: HSL 5GHz Medium parameters used: $f = 5200\text{ MHz}$; $\sigma = 4.64\text{ S/m}$; $\epsilon_r = 35.81$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.3\text{ }^\circ\text{C}$; Liquid Temperature : $22.1\text{ }^\circ\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2024/6/25;
 - Electronics: DAE4 Sn1418; Calibrated: 2024/5/17
 - 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 (11x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.03 W/kg

Front/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 12.099 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.33 W/kg

SAR(1 g) = 0.566 W/kg ; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 2.46 W/kg

