

5.2GWIFI

DUT:

Communication System:802.11n; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: HSL 5GHz Medium parameters used: $f = 5240\text{ MHz}$; $\sigma = 4.66\text{ S/m}$; $\epsilon_r = 35.91$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.0\text{ }^{\circ}\text{C}$; Liquid Temperature : $21.8\text{ }^{\circ}\text{C}$

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)

Back High/Area Scan (8x11x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 1.02 W/kg

Back High/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.111 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 7.37 W/kg

SAR(1 g) = 1.28 W/kg ; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 2.74 W/kg

