

5.2GWIFI

DUT: E3, E4

Communication System:802.11a; Frequency: 5200 MHz;Duty Cycle: 1:2.2416
Medium: H5G Medium parameters used: $f = 5200\text{ MHz}$; $\sigma = 4.68\text{ S/m}$; $\epsilon_r = 36.83$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $22.4\text{ }^{\circ}\text{C}$; Liquid Temperature : $22.2\text{ }^{\circ}\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2025/6/5;
 - Electronics: DAE4 Sn1418; Calibrated: 2025/6/5
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Right/Area Scan (6x10x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (measured) = 0.325 W/kg

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

Reference Value = 5.579 V/m ; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.500 W/kg ; SAR(10 g) = 0.154 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 49.9%
Maximum value of SAR (measured) = 1.02 W/kg

