

2.4GWIFI

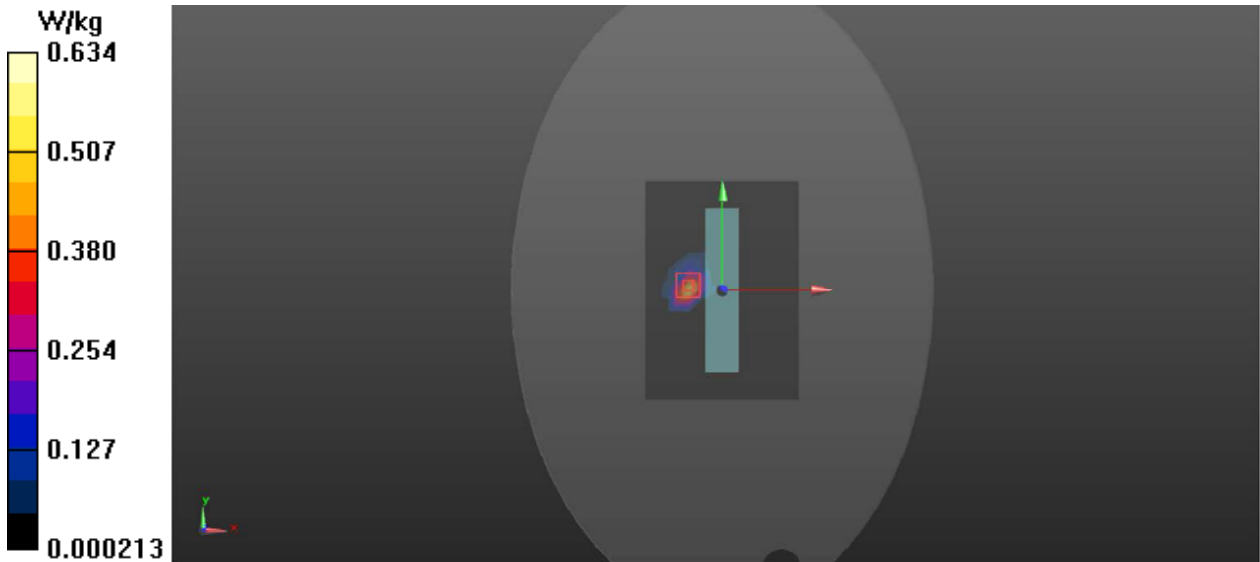
DUT:

Communication System:802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used : $f = 2437\text{ MHz}$; $\sigma = 1.88\text{ S/m}$; $\epsilon_r = 39.65$; $\rho = 1000\text{ kg/m}^3$
Ambient Temperature : $21.8\text{ }^{\circ}\text{C}$; Liquid Temperature : $21.6\text{ }^{\circ}\text{C}$

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)

Top/Area Scan (8x11x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$
Maximum value of SAR (measured) = 0.578 W/kg

Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 3.563 V/m ; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.900 W/kg
SAR(1 g) = 0.264 W/kg ; SAR(10 g) = 0.136 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 40.6%
Maximum value of SAR (measured) = 0.608 W/kg



5.8GWIFI

DUT:

Communication System:802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.28 \text{ S/m}$; $\epsilon_r = 35.74$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.0 \text{ }^\circ\text{C}$; Liquid Temperature : $21.8 \text{ }^\circ\text{C}$

- DASY5 Configuration:
- Probe: EX3DV4 - SN3970; Calibrated: 2025/6/5;
 - Electronics: DAE4 Sn1418; Calibrated: 2025/6/5
 - Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
 - Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Top/Area Scan (9x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.671 W/kg

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

Reference Value = 3.990 V/m ; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.319 W/kg ; SAR(10 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 0.588 W/kg

