

System Check_H5250

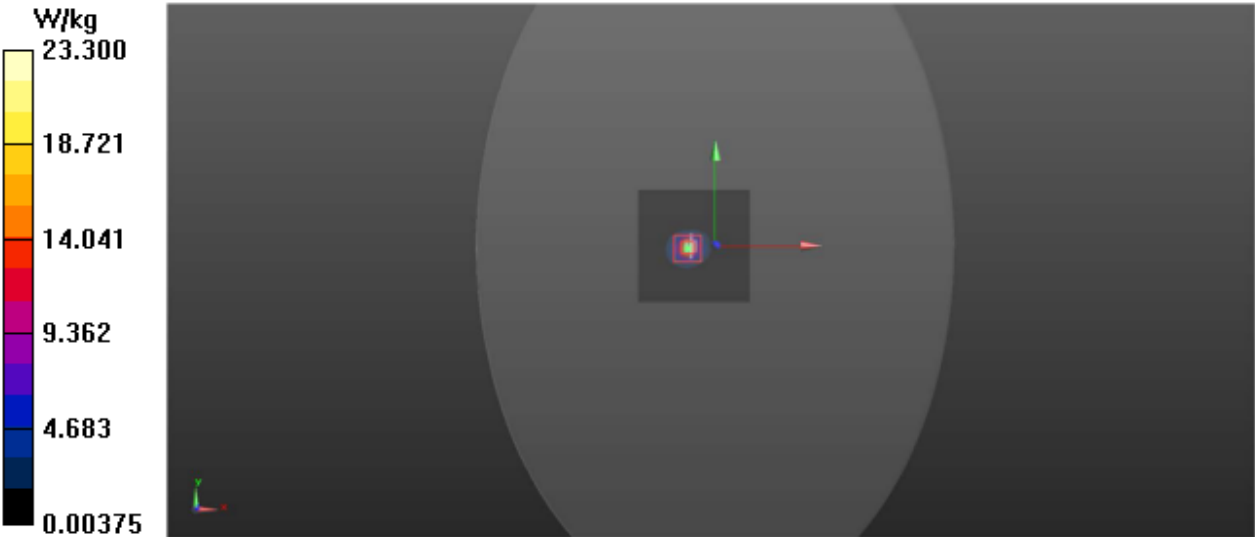
DUT: Dipole 5GHzV2;Type:D5GHzV2; SN:1169

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: $f = 5250\text{ MHz}$; $\sigma = 4.74\text{ S/m}$; $\epsilon_r = 36.79$; $\rho = 1000\text{ kg/m}^3$
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)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000\text{ mm}$, $dy=1.000\text{ mm}$
Maximum value of SAR (interpolated) = 22.1 W/kg

Pin=100mW/Zoom Scan (4x4x2mm) (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 57.180 V/m ; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 37.4 W/kg
SAR(1 g) = 7.93 W/kg ; SAR(10 g) = 2.14 W/kg
Maximum value of SAR (measured) = 23.3 W/kg



System Check_H2450

DUT: Dipole 2450 MHz; Type:D2450V2; SN:927

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2450\text{ MHz}$; $\sigma = 1.79\text{ S/m}$; $\epsilon_r = 40.15$; $\rho = 1000\text{ kg/m}^3$
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)

Pin=250mW/Area Scan (41x51x1): Interpolated grid: $dx=2.000\text{ mm}$, $dy=2.000\text{ mm}$
Maximum value of SAR (interpolated) = 25.1 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 115.5 V/m ; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 31.2 W/kg
SAR(1 g) = 13.08 W/kg ; SAR(10 g) = 6.11 W/kg
Maximum value of SAR (measured) = 23.1 W/kg

