Test Laboratory: Shenzhen EMTEK Co.,Ltd. Date: 2023/11/10

2.4GWIFI

DUT: MD600

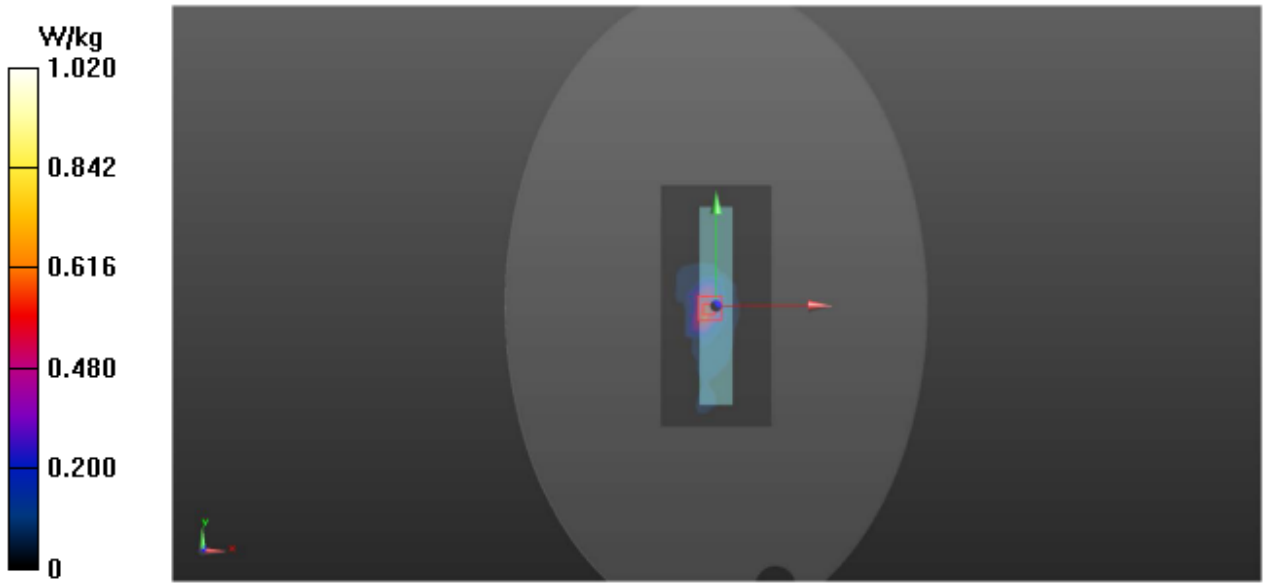
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2462 MHz; σ = 1.80 S/m; ε_r = 40.28; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(8.06, 8.06, 8.06); Calibrated: 2023/5/17;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.629 W/kg

Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.645 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.345 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



5.2GWIFI

DUT: MD600

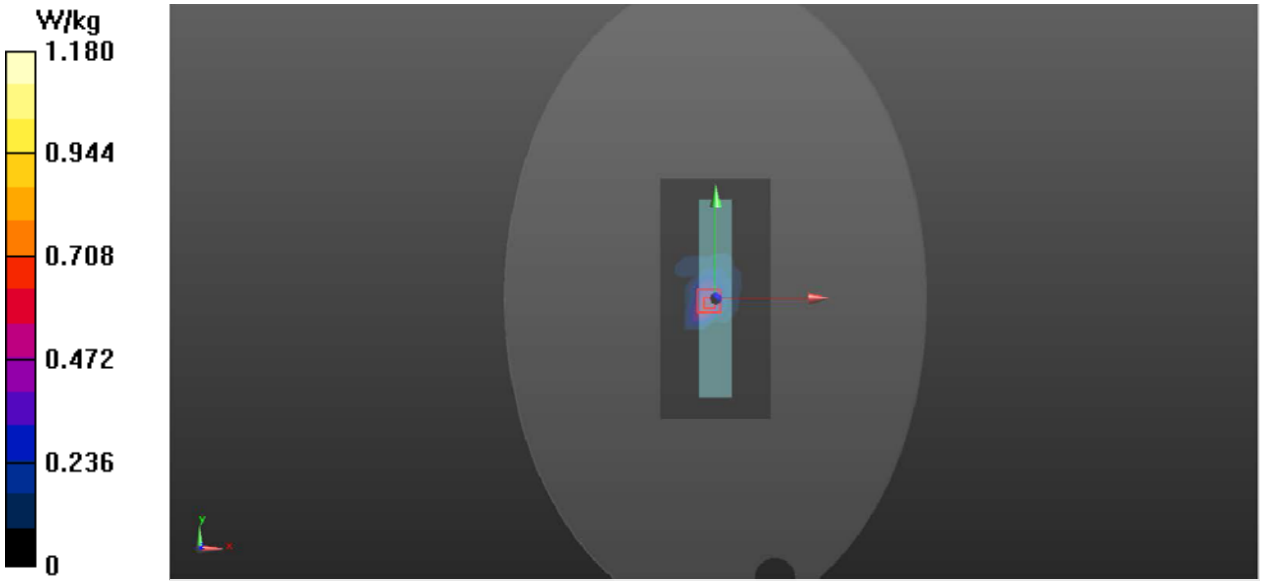
Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5200 MHz; σ = 4.69 S/m; ε_r = 36.99; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：22.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.8, 5.8, 5.8); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.658 W/kg

Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 12.996 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 5.87 W/kg
SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.348 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



5.8GWIFI

DUT: MD600

Communication System: 802.11a ; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: H5G Medium parameters used: f = 5745 MHz; σ = 5.35 S/m; ε_r = 35.85; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃; Liquid Temperature：22.0℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3970; ConvF(5.29, 5.29, 5.29); Calibrated: 2023/5/17;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2023/4/25
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Right-Low/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.415 W/kg

Right-Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 11.536 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 3.27 W/kg
SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 1.13 W/kg