

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 12/23/2019

WIFI 2.4G-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 40.201$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

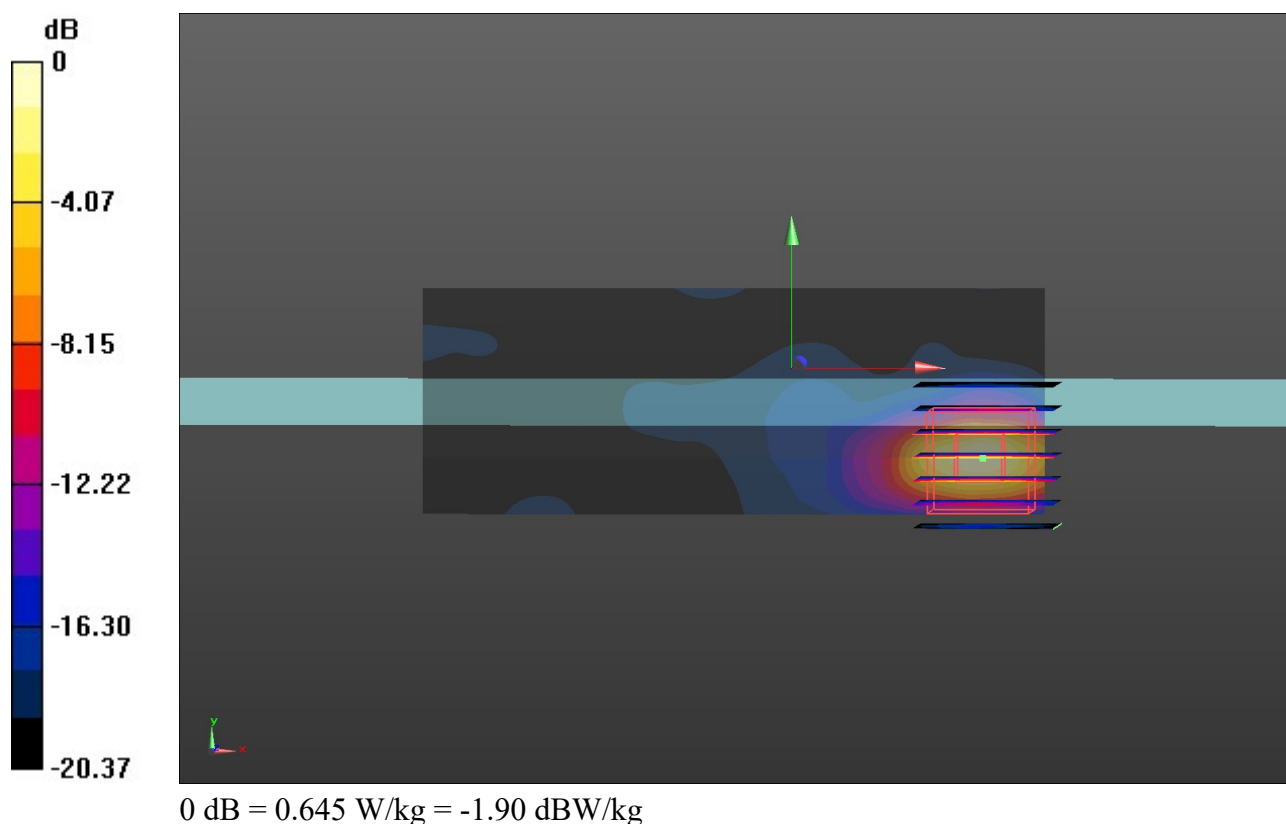
Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.9, 7.9, 7.9) @ 2462 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Top/CH 11/Area Scan (111x41x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.652 W/kg

Top/CH 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 2.207 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.104 W/kg
 Maximum value of SAR (measured) = 0.645 W/kg



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WIFI 5G U-NII-1-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 5220 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5220$ MHz; $\sigma = 4.516$ S/m; $\epsilon_r = 35.589$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

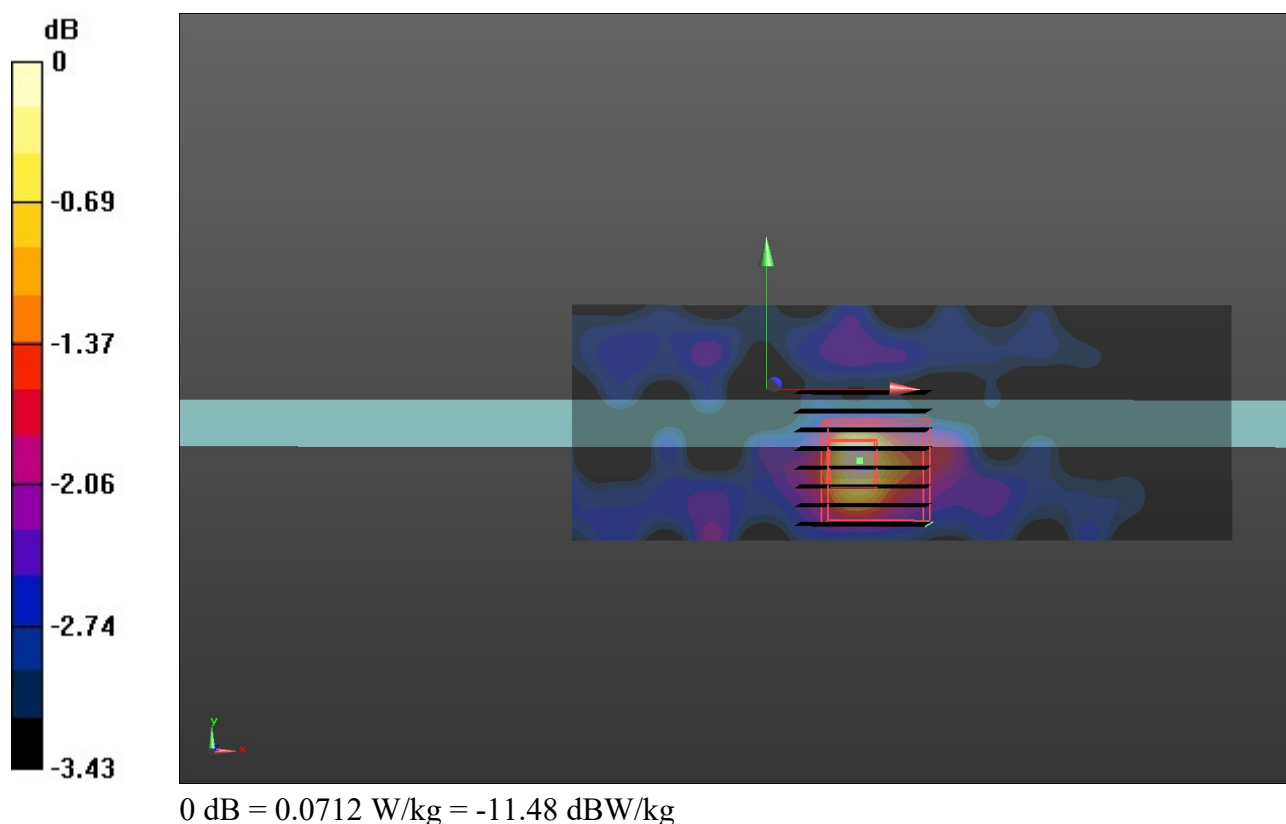
Ambient Temperature:22.5°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.56, 5.56, 5.56) @ 5220 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Top/CH 44/Area Scan (141x51x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
 Maximum value of SAR (interpolated) = 0.0721 W/kg

Top/CH 44/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
 Reference Value = 2.150 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.024 W/kg
 Maximum value of SAR (measured) = 0.0712 W/kg



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WIFI 5G U-NII-3-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.084$ S/m; $\epsilon_r = 34.671$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.6°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 3/25/2019
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/19/2019
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Top/CH 149/Area Scan (141x51x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.152 W/kg

Top/CH 149/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 2.156 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.039 W/kg
 Maximum value of SAR (measured) = 0.219 W/kg

