

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

Date: 4/20/2022

Wifi 2.4G-M-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 37.606$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.82, 6.82, 6.82) @ 2437 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 6/Area Scan (121x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.570 W/kg

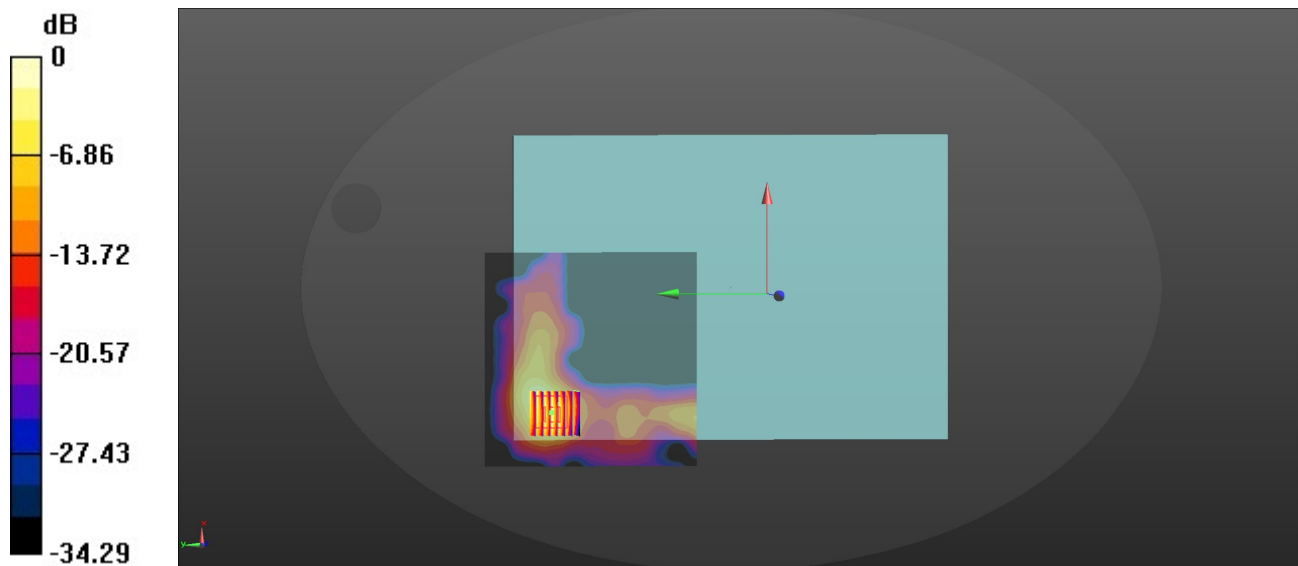
Rear/CH 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.849 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.544 W/kg = -2.64 dBW/kg

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

Date: 3/8/2022

Wifi 5G U-NII-1-H-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.858$ S/m; $\epsilon_r = 34.61$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.5°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5, 5, 5) @ 5240 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 48/Area Scan (141x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.01 W/kg

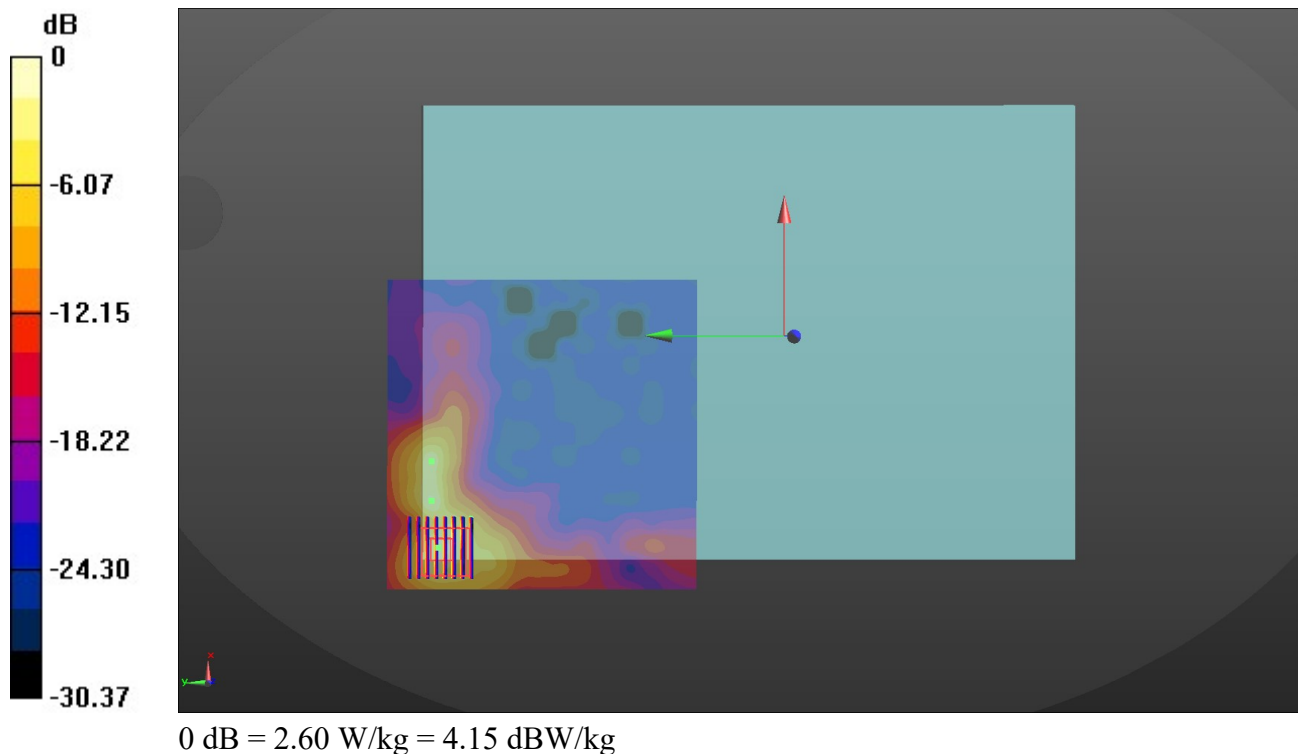
Rear/CH 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1mm

Reference Value = 1.686 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.16 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 2.60 W/kg



Wifi 5G U-NII-2A-M-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 5280 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 4.903$ S/m; $\epsilon_r = 34.857$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(5, 5, 5) @ 5280 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 56/Area Scan (141x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.58 W/kg

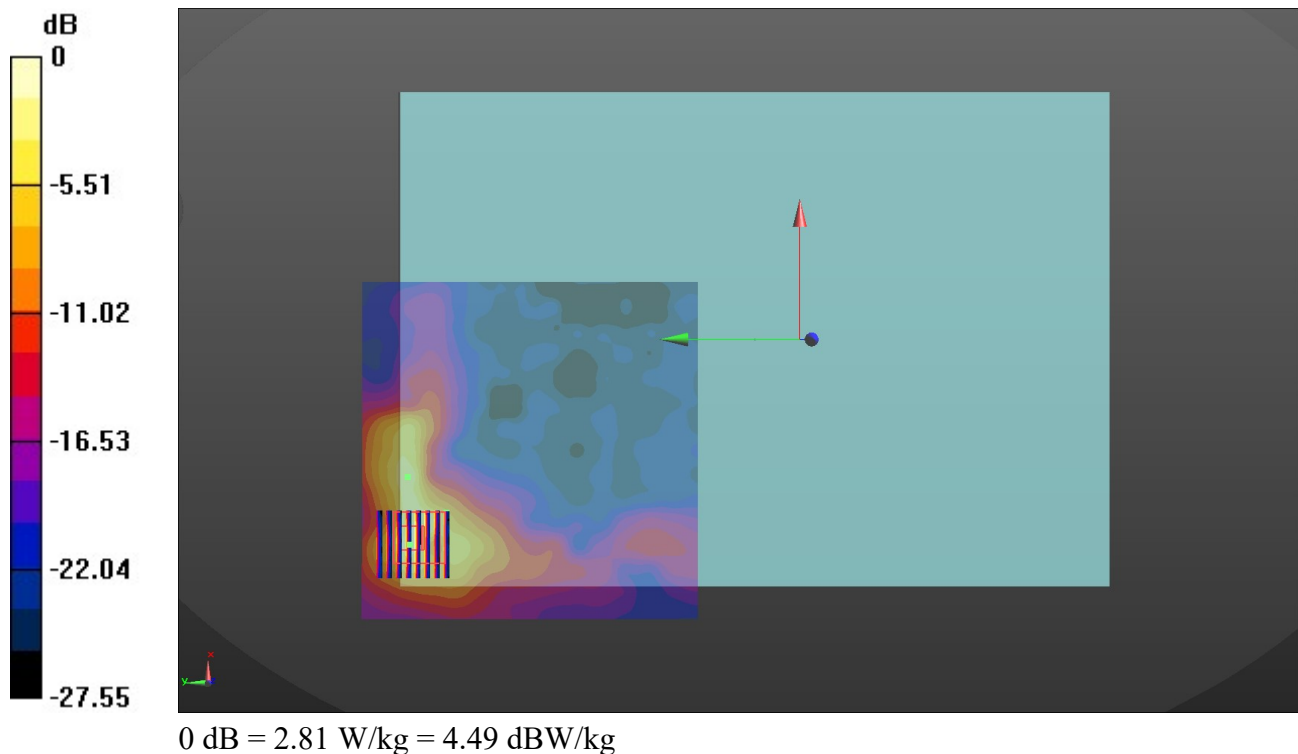
Rear/CH 56/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.652 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.61 W/kg

SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.354 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



Wifi 5G U-NII-2C-M-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 5580 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5580$ MHz; $\sigma = 5.156$ S/m; $\epsilon_r = 33.851$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.58, 4.58, 4.58) @ 5580 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 116/Area Scan (141x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.91 W/kg

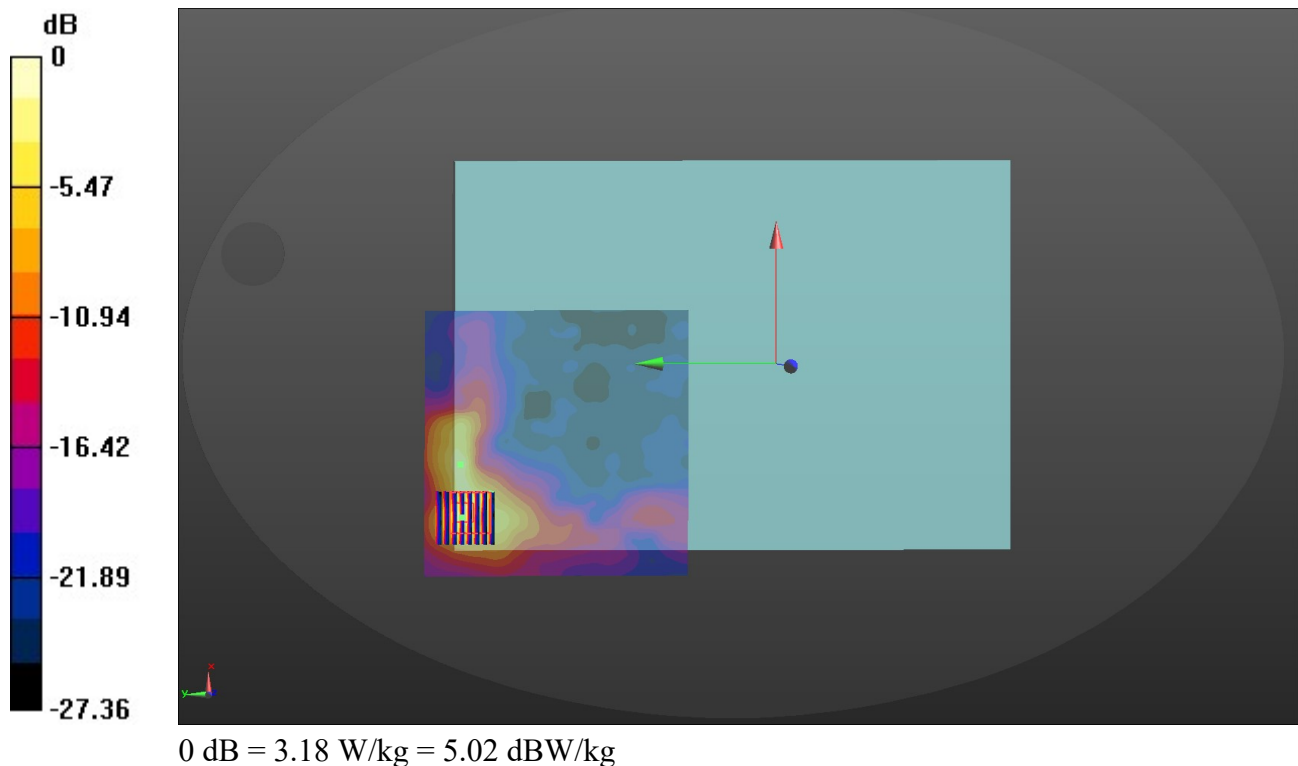
Rear/CH 116/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.750 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.96 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 3.18 W/kg



Wifi 5G U-NII-3-L-Body

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

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.342$ S/m; $\epsilon_r = 35.184$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(4.67, 4.67, 4.67) @ 5745 MHz; Calibrated: 12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 149/Area Scan (141x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.46 W/kg

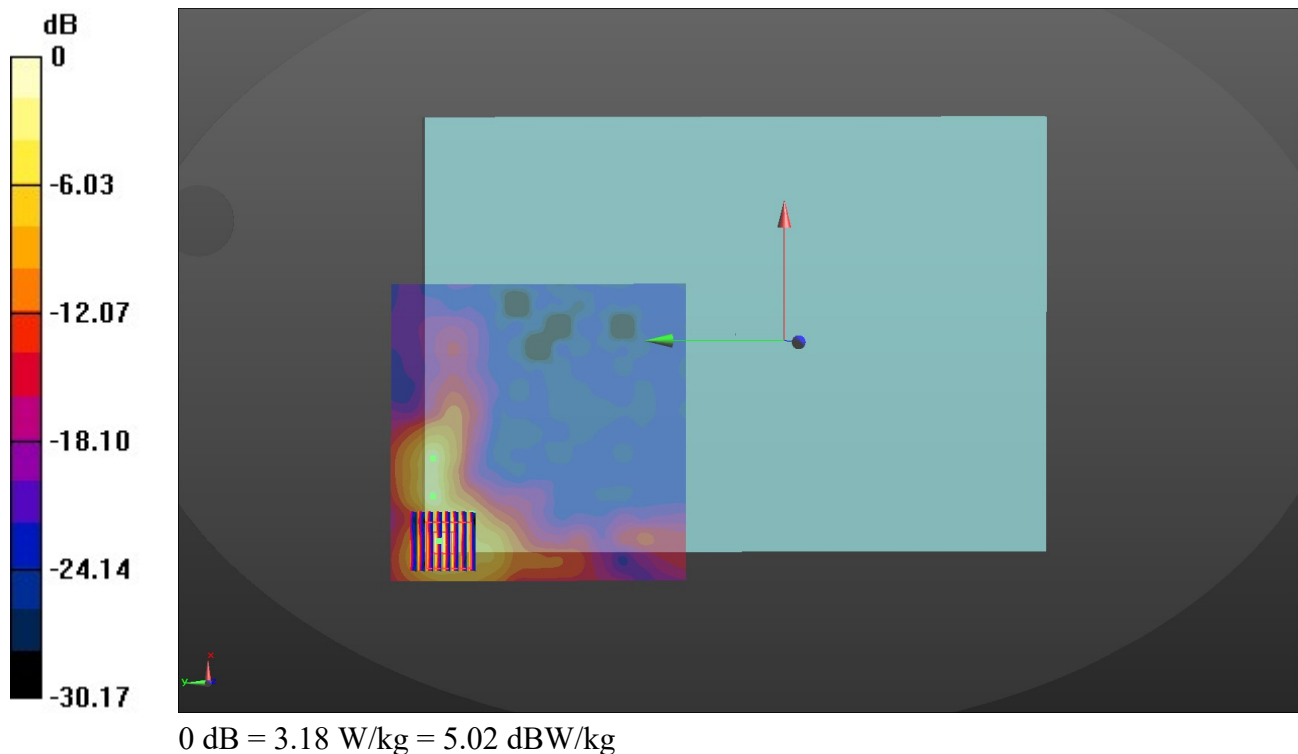
Rear/CH 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1mm

Reference Value = 1.820 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.90 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 3.18 W/kg



Bluetooth-M-Body

Communication System: UID 0, Generic BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 39.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.82, 6.82, 6.82) @ 2441 MHz; Calibrated:12/29/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn540; Calibrated: 2/22/2022
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 39/Area Scan (121x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.341 W/kg

Rear/CH 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.161 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.361 W/kg

