

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

Date: 10/22/2018

WIFI 2.4G-Body

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

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.3°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.08, 8.08, 8.08) @ 2437 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Top/CH 6/Area Scan (31x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.20 W/kg

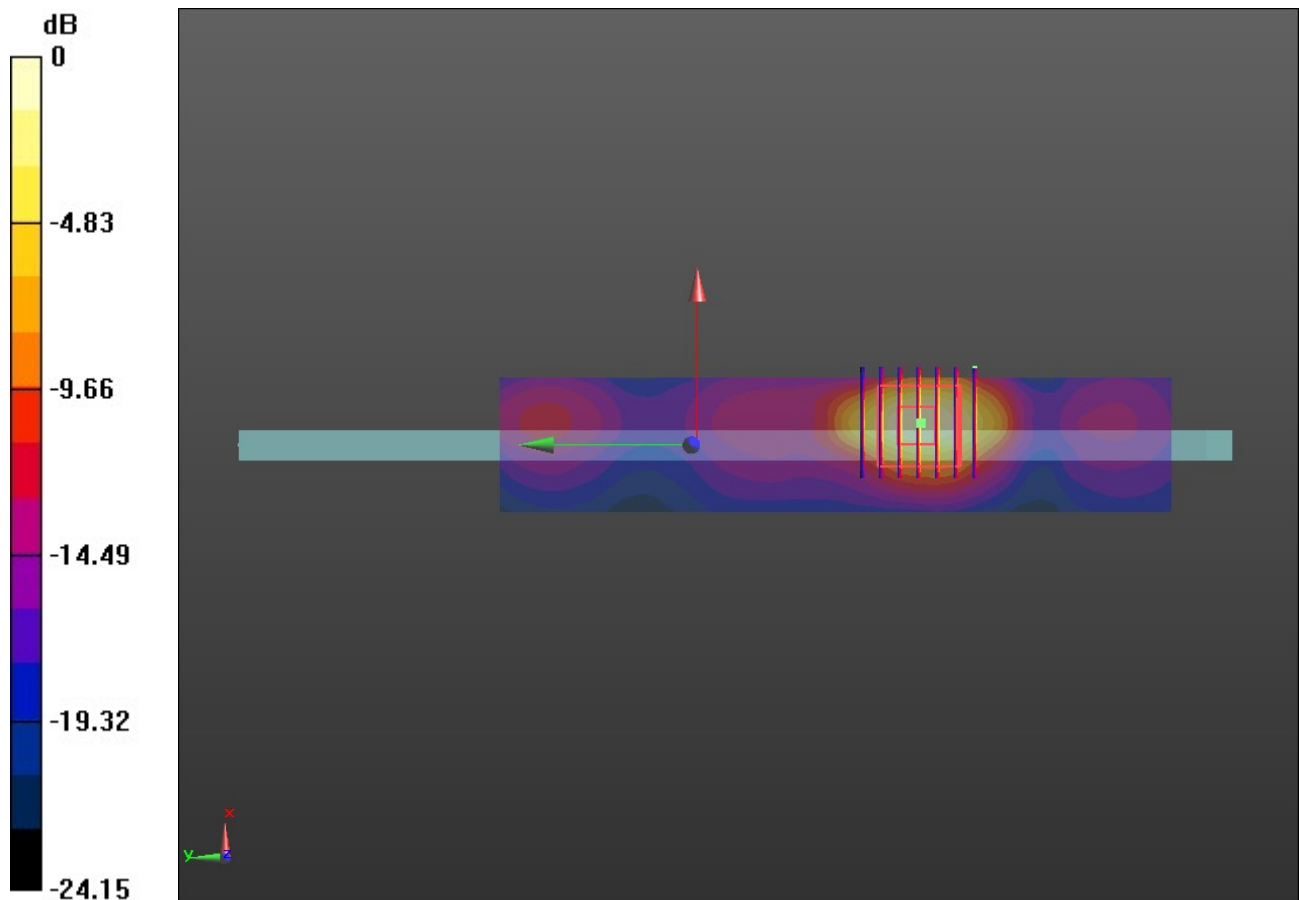
Top/CH 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.932 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

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WIFI 5G U-NII-1-Body

Communication System: UID 0, Generic WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.381$ S/m; $\epsilon_r = 48.152$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.5°C;Liquid Temperature:22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(5.3, 5.3, 5.3) @ 5200 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 40/Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

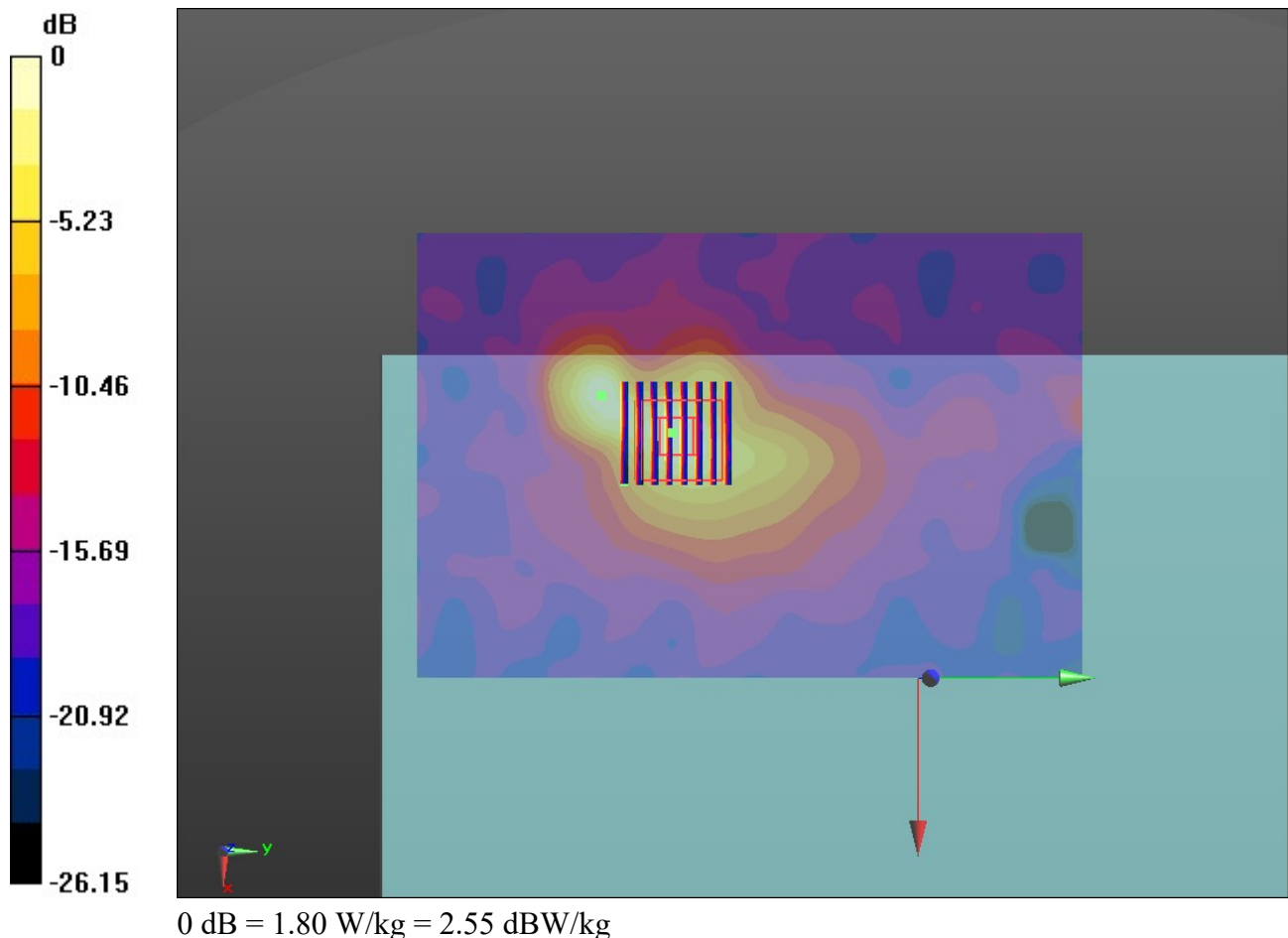
Rear/CH 40/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.289 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 1.80 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: $f = 5745$ MHz; $\sigma = 6.196$ S/m; $\epsilon_r = 47.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature:22.7°C;Liquid Temperature:22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(4.61, 4.61, 4.61) @ 5745 MHz; Calibrated: 2/26/2018
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/25/2018
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Rear/CH 149/Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.943 W/kg

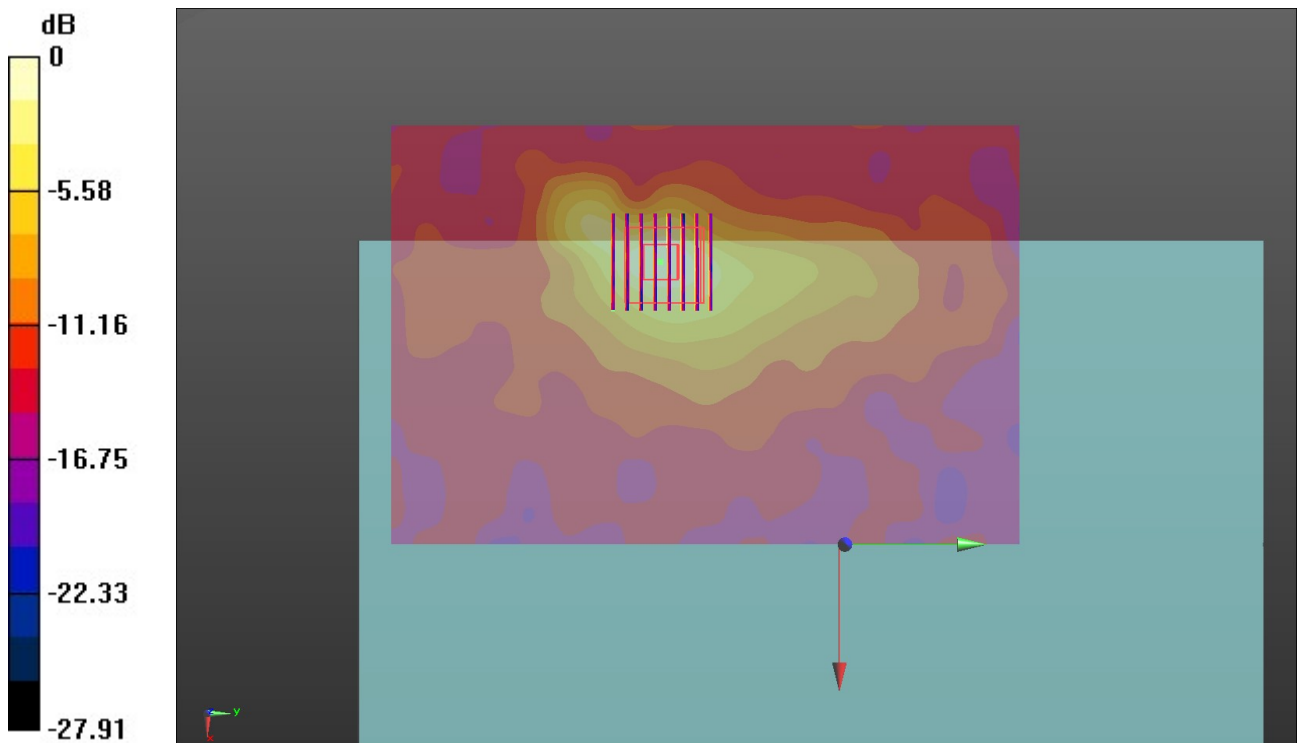
Rear/CH 149/Zoom Scan (8x8x6)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.590 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.939 W/kg



0 dB = 0.939 W/kg = -0.27 dBW/kg