

Test Laboratory: TÜV Rheinland (Shenzhen) Co., Ltd.

Date: 2023/8/9

P01 80.11b_Rear Face_1cm_Ch11**DUT: EUT**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.857$ S/m; $\epsilon_r = 39.358$; $\rho = 1000$ kg/m³**DASY5 Configuration:**

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2462 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.511 W/kg

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

Reference Value = 3.839 V/m; Power Drift = 0.01 dB

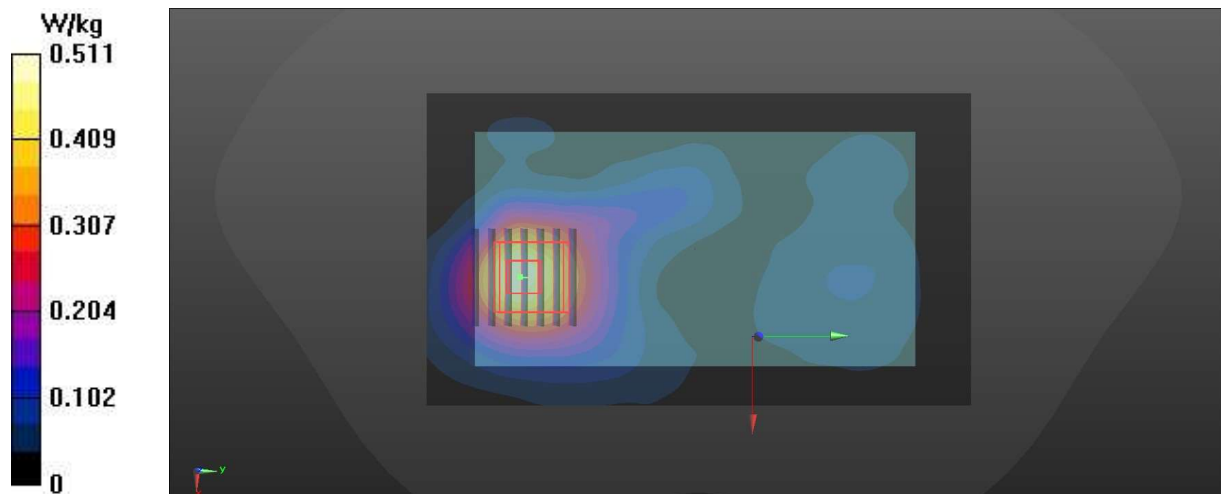
Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.194 W/kg

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 0.506 W/kg



P02 BLE_2M_Rear Face_1cm_Ch19

DUT: EUT

Communication System: BT; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 37.993$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2440 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x141x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.183 W/kg

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

Reference Value = 2.979 V/m; Power Drift = -0.18 dB

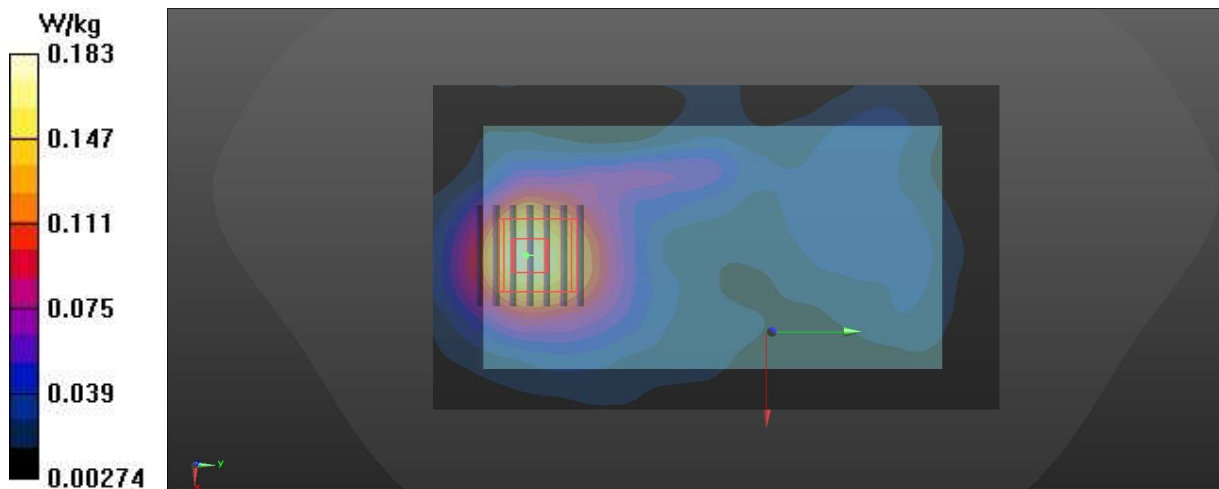
Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 0.176 W/kg



P03 80.11b_Top Side_0cm_Ch1

DUT: EUT

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.567$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2412 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2023/3/8
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x91x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 3.86 W/kg

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

Reference Value = 31.19 V/m; Power Drift = -0.13 dB

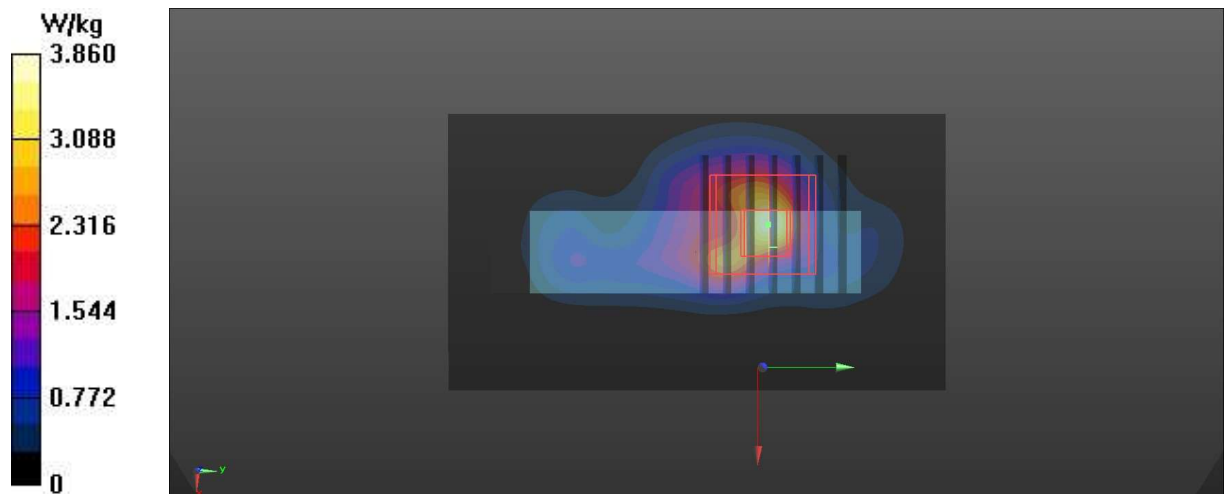
Peak SAR (extrapolated) = 7.00 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 0.902 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 39.2%

Maximum value of SAR (measured) = 4.47 W/kg



P04 BLE_2M_Top Side_0cm_Ch19

DUT: EUT

Communication System: BT; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.818 \text{ S/m}$; $\epsilon_r = 37.993$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2440 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x101x1):** Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 1.63 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 21.11 V/m ; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.755 W/kg ; SAR(10 g) = 0.271 W/kg
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 35.2%
Maximum value of SAR (measured) = 1.66 W/kg

