

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/m<sup>3</sup>

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

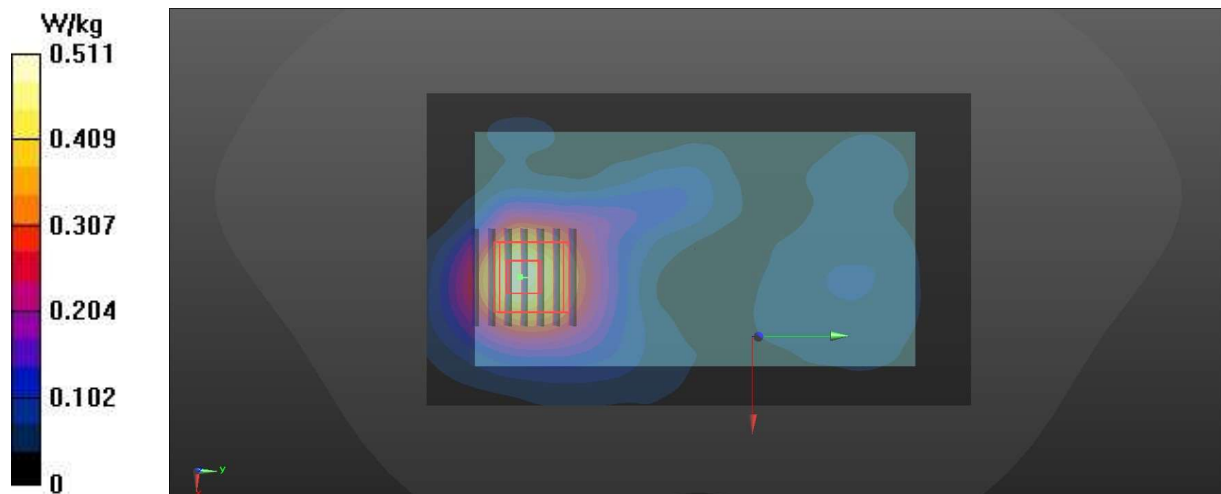
Peak SAR (extrapolated) = 0.601 W/kg

**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\_Ch0

### DUT: EUT

Communication System: BT; Frequency: 2402 MHz; Duty Cycle: 1:1

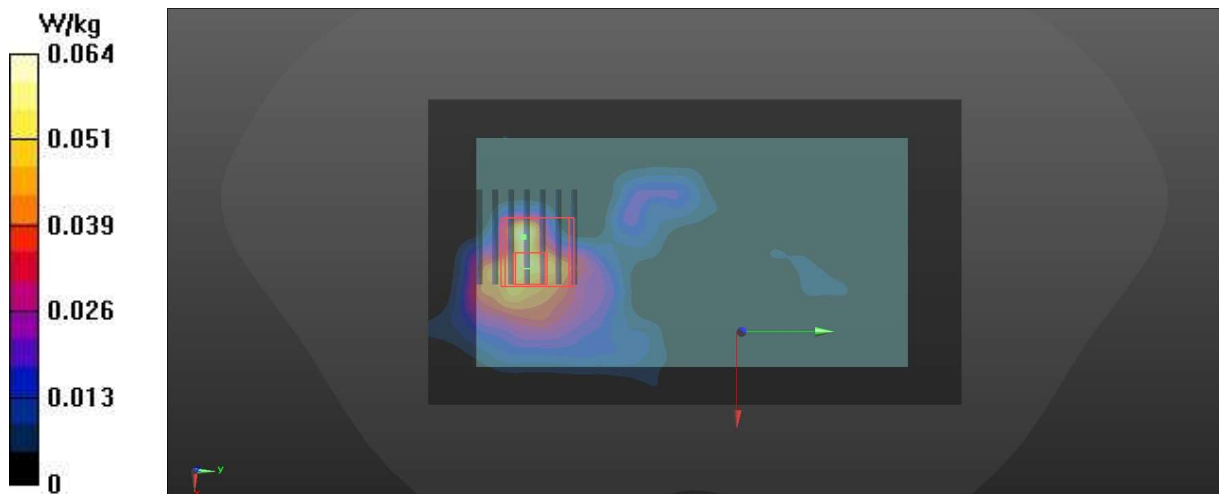
Medium: H2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 39.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2402 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) = 0.0643 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 1.285 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.0610 W/kg  
**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg**  
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid  
Ratio of SAR at M2 to SAR at M1 = 55.1%  
Maximum value of SAR (measured) = 0.0501 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/m<sup>3</sup>

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

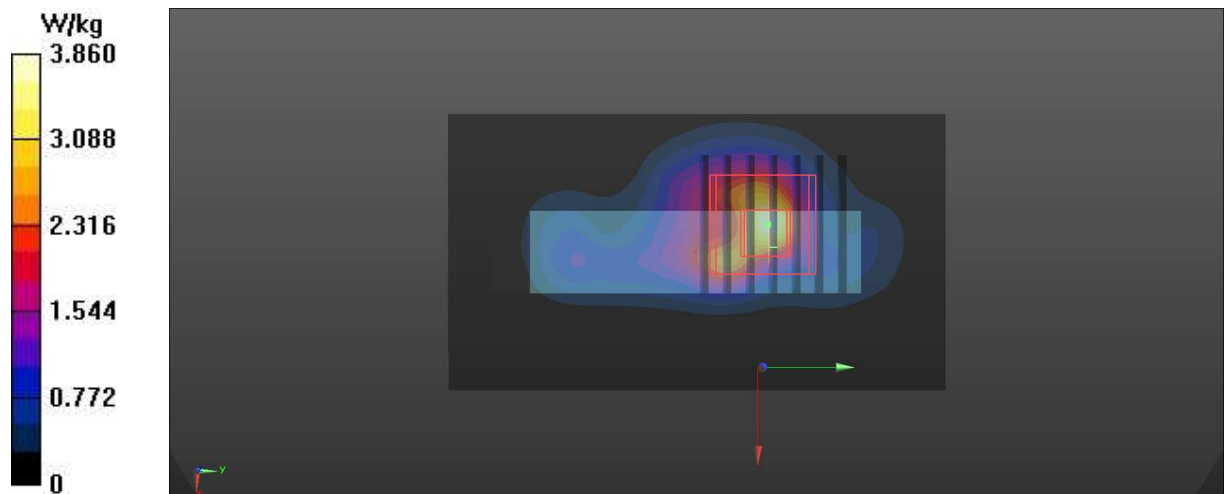
Peak SAR (extrapolated) = 7.00 W/kg

**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\_Ch0

### DUT: EUT

Communication System: BT; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 39.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2402 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) = 0.499 W/kg

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

Reference Value = 10.78 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.851 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.108 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 36.7%

Maximum value of SAR (measured) = 0.574 W/kg

