

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

Date: 2024/3/19

### P01 80.11b\_Top Side\_1cm\_Ch1

DUT: EUT

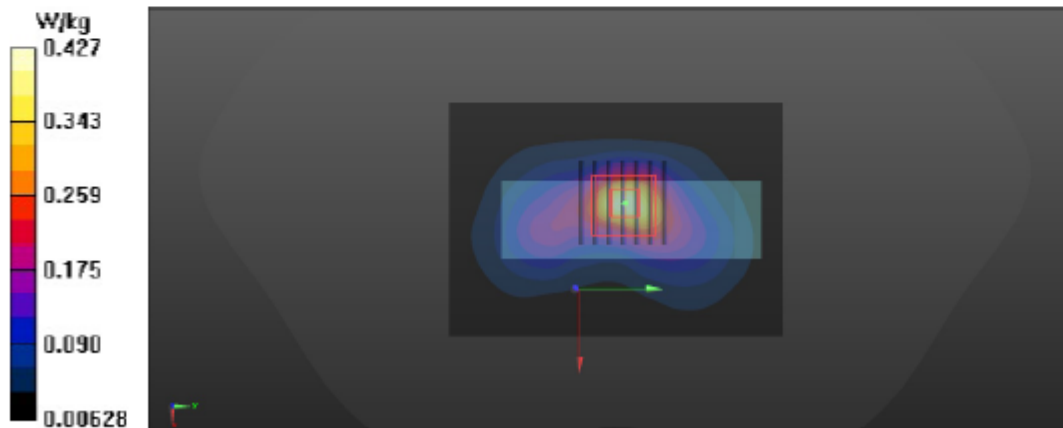
Communication System: UID 0, 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium: H2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 39.559$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 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 (71x101x1)**: Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 0.427 W/kg

- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 13.88 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.527 W/kg  
SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.131 W/kg  
Smallest distance from peaks to all points 3 dB below = 10 mm  
Ratio of SAR at M2 to SAR at M1 = 52.4%  
Maximum value of SAR (measured) = 0.431 W/kg



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

Date: 2024/3/19

P02 BLE\_2M\_Top Side\_1cm\_Ch0

DUT: EUT

Communication System: UID 0, BT; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 39.59$ ;  $\rho = 1000$  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 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 (71x101x1)**: Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0768 W/kg

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

Reference Value = 3.313 V/m; Power Drift = 0.07 dB

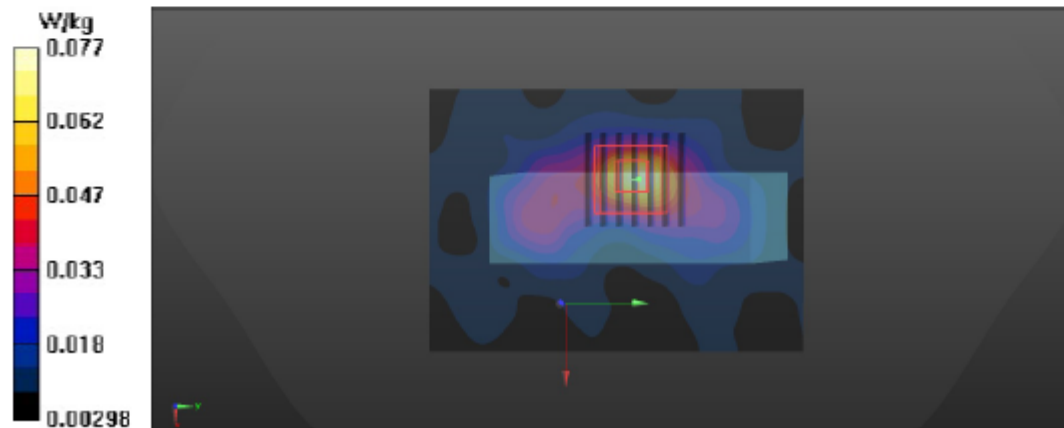
Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 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 = 49.8%

Maximum value of SAR (measured) = 0.0730 W/kg



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

Date: 2024/3/19

### P03 80.11b\_Top Side\_0cm\_Ch1

DUT: EUT

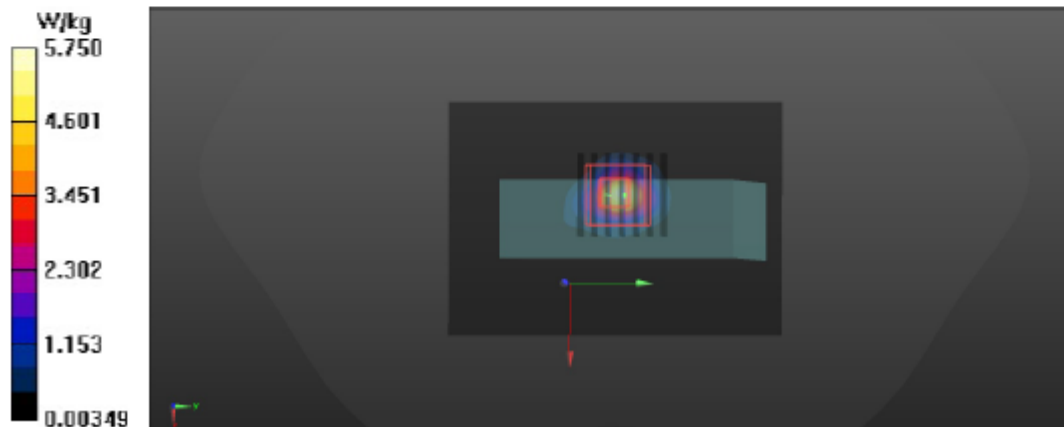
Communication System: UID 0, 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium: H2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 39.559$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 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 (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 5.75 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 33.11 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 7.49 W/kg  
SAR(1 g) = 2.86 W/kg; SAR(10 g) = 1.03 W/kg  
Smallest distance from peaks to all points 3 dB below = 6 mm  
Ratio of SAR at M2 to SAR at M1 = 42.4%  
Maximum value of SAR (measured) = 5.59 W/kg



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

Date: 2024/3/19

**P04 BLE\_2M\_Top Side\_0cm\_Ch0**

**DUT: EUT**

Communication System: UID 0, BT; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.793$  S/m;  $\epsilon_r = 39.59$ ;  $\rho = 1000$  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 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 (71x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 1.19 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 10.81 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 1.32 W/kg  
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.184 W/kg  
Smallest distance from peaks to all points 3 dB below = 6.7 mm  
Ratio of SAR at M2 to SAR at M1 = 41.7%  
Maximum value of SAR (measured) = 1.02 W/kg

