

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

Date: 2024/3/22

P01 80.11b_Left Side_1cm_Ch1

DUT: EUT

Communication System: UID 0, 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

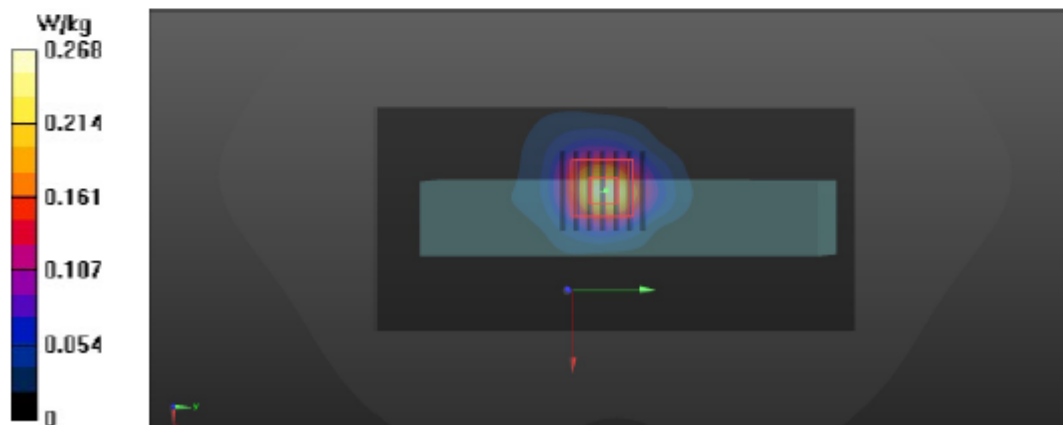
Medium: H2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.804 \text{ S/m}$; $\epsilon_r = 39.56$; $\rho = 1000 \text{ kg/m}^3$

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 (71x151x1):** Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.268 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 9.022 V/m ; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.307 W/kg
 $\text{SAR}(1 \text{ g}) = 0.159 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.078 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.253 W/kg



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

Date: 2024/3/22

P02 BLE_2M_Left Side_1cm_Ch0

DUT: EUT

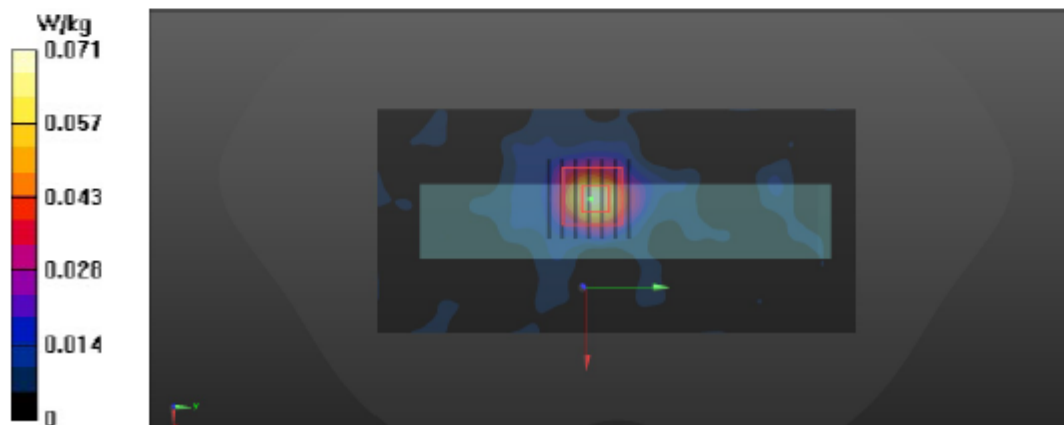
Communication System: UID 0, BT; Frequency: 2402 MHz; Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 39.592$; $\rho = 1000$ kg/m³

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 (71x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0711 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 4.481 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0800 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.016 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 = 47%
Maximum value of SAR (measured) = 0.0644 W/kg



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

Date: 2024/3/22

P03 80.11b_Left Side_0cm_Ch1

DUT: EUT

Communication System: UID 0, 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

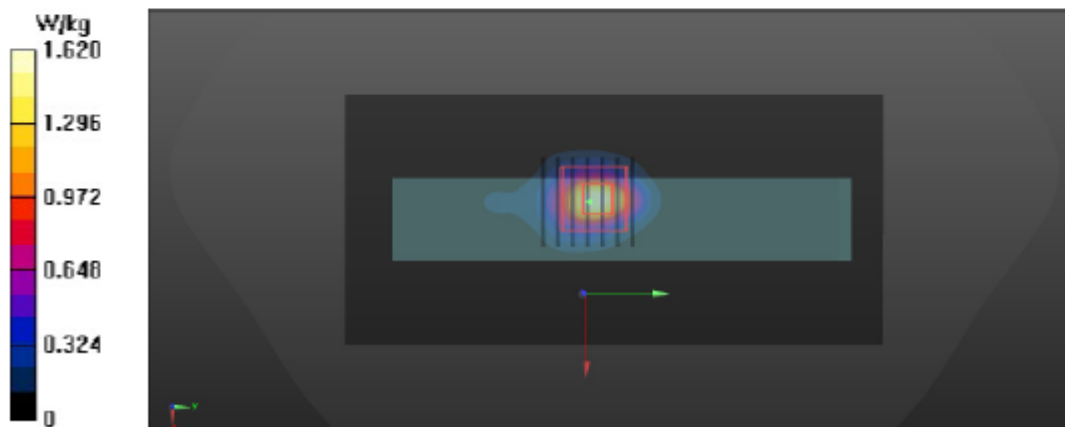
Medium: H2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.804 \text{ S/m}$; $\epsilon_r = 39.56$; $\rho = 1000 \text{ kg/m}^3$

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 (71x151x1)**: Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 1.62 W/kg

- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 20.83 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.373 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 44.9%
Maximum value of SAR (measured) = 1.56 W/kg



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

Date: 2024/3/22

P04 BLE_2M_Left Side_0cm_Ch0

DUT: EUT

Communication System: UID 0, BT; Frequency: 2402 MHz; Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.793 \text{ S/m}$; $\epsilon_r = 39.592$; $\rho = 1000 \text{ kg/m}^3$

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 (71x151x1)**: Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.465 W/kg

- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 7.120 V/m ; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.548 W/kg
 $\text{SAR}(1 \text{ g}) = 0.229 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.091 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 42.9%
Maximum value of SAR (measured) = 0.420 W/kg

