

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

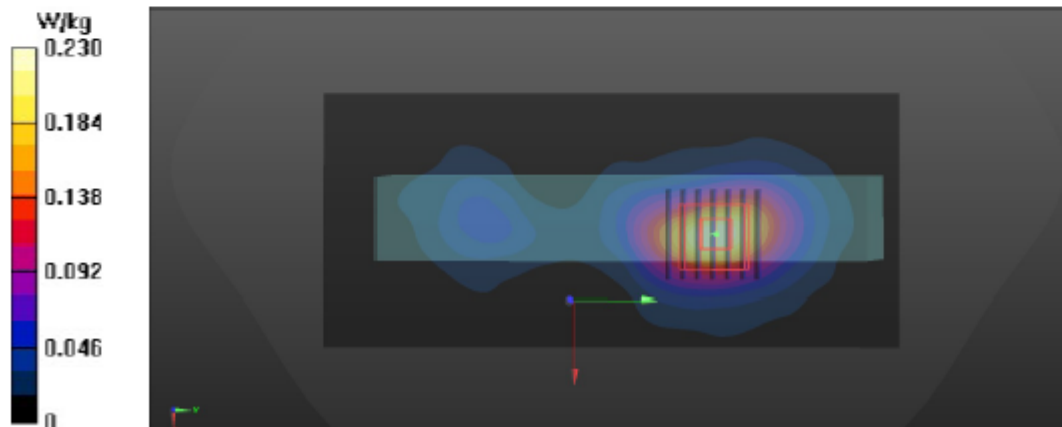
Medium: H2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.804 \text{ S/m}$; $\epsilon_r = 39.56$; $\rho = 1000 \text{ kg/m}^3$

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 (71x161x1):** Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.230 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.546 V/m ; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.271 W/kg
 $\text{SAR}(1 \text{ g}) = 0.145 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.075 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 12 mm
Ratio of SAR at M2 to SAR at M1 = 53.5%
Maximum value of SAR (measured) = 0.223 W/kg



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

Date: 2024/3/22

P02 BLE_2M_Left Side_0.5cm_Ch0

DUT: EUT

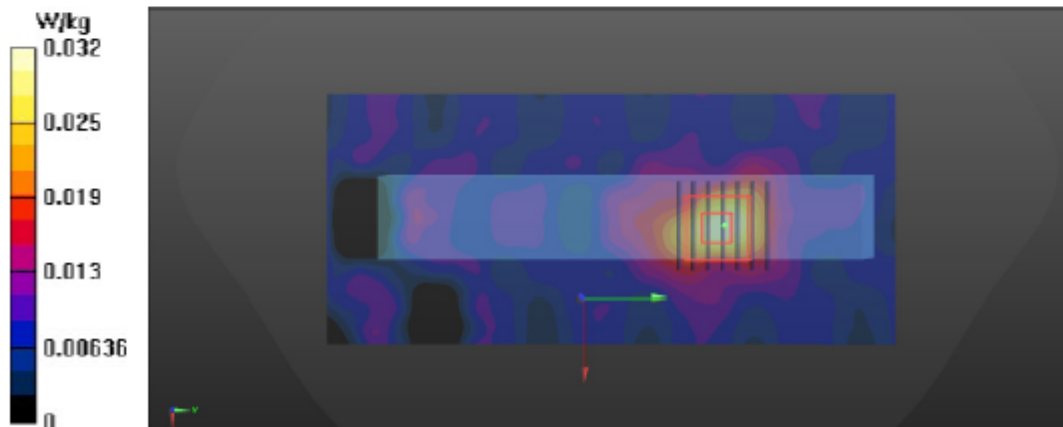
Communication System: UID 0, BT; Frequency: 2402 MHz; Duty Cycle: 1:1
Medium: H2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.793 \text{ S/m}$; $\epsilon_r = 39.592$; $\rho = 1000 \text{ kg/m}^3$

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 (71x161x1)**: Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0318 W/kg

- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.813 V/m ; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0380 W/kg
 $\text{SAR}(1 \text{ g}) = 0.019 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.0096 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 0.0295 W/kg



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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

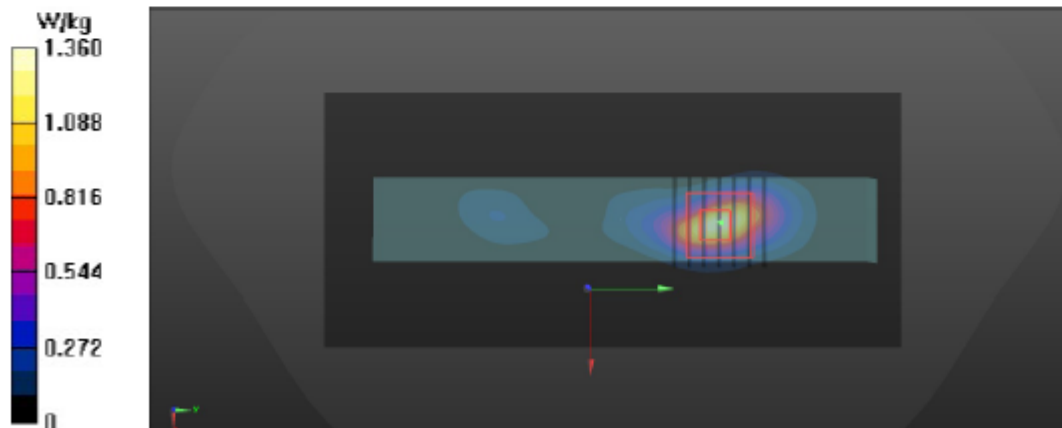
Medium: H2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.804 \text{ S/m}$; $\epsilon_r = 39.56$; $\rho = 1000 \text{ kg/m}^3$

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 (71x161x1):** Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 1.36 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 10.69 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.325 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 47.5%
Maximum value of SAR (measured) = 1.29 W/kg



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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: $f = 2402$ 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 (71x161x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.190 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.696 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.045 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 46.7%
Maximum value of SAR (measured) = 0.179 W/kg

