

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

Date: 2025/5/7

P01 BT_DH5_Lower right corner_0cm_Ch0

DUT: EUT

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

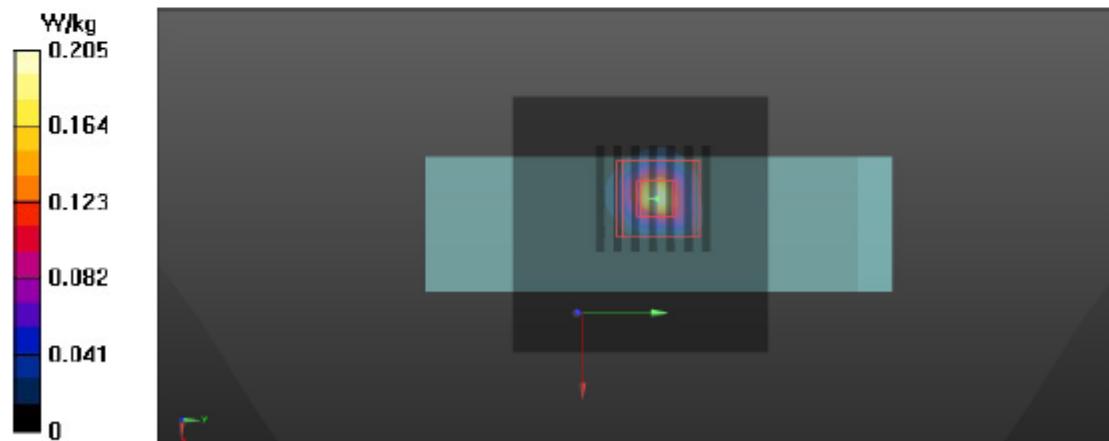
Medium: H2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.787 \text{ S/m}$; $\epsilon_r = 38.008$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(6.78, 7.22, 6.73) @ 2402 MHz; Calibrated: 2024/11/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2024/10/8
- 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 (61x61x1):** Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.205 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.625 V/m ; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.173 W/kg
 $\text{SAR}(1 \text{ g}) = 0.072 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.023 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 43.5%
Maximum value of SAR (measured) = 0.129 W/kg



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Date: 2025/5/7

P02 SDR-2.4G_Lower right corner_0cm_Ch0

DUT: EUT

Communication System: UID 0, SDR; Frequency: 2406 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2406 \text{ MHz}$; $\sigma = 1.79 \text{ S/m}$; $\epsilon_r = 38.006$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(6.78, 7.22, 6.73) @ 2406 MHz; Calibrated: 2024/11/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2024/10/8
- 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 (61x61x1):** Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.560 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 17.14 V/m ; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.762 W/kg
 $\text{SAR}(1 \text{ g}) = 0.305 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.113 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 43.9%
Maximum value of SAR (measured) = 0.534 W/kg

