

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

Date: 2024/7/20

**P01 802.11b\_Rear Face\_0.5cm\_Ch6\_Ant 2**

**DUT: EUT**

Communication System: UID 0, 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

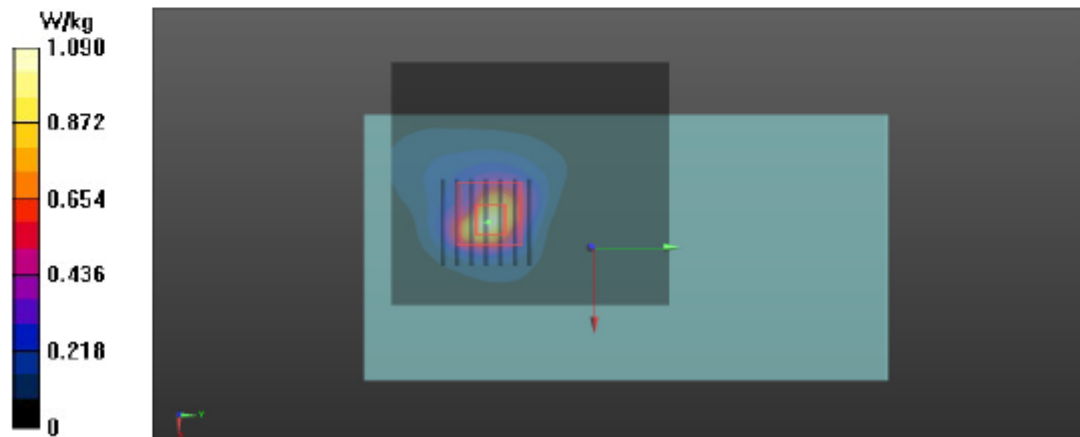
Medium: H2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.83$  S/m;  $\epsilon_r = 39.453$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(7.6, 7.6, 7.6) @ 2437 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2094
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 1.09 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 0.9400 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.57 W/kg  
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.271 W/kg  
Smallest distance from peaks to all points 3 dB below = 7.6 mm  
Ratio of SAR at M2 to SAR at M1 = 41.7%  
Maximum value of SAR (measured) = 1.19 W/kg



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

Date: 2024/7/21

**P02 802.11ac\_VHT80\_Rear Face\_0.5cm\_Ch58\_Ant 1**

**DUT: EUT**

Communication System: UID 0, 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5210 \text{ MHz}$ ;  $\sigma = 4.668 \text{ S/m}$ ;  $\epsilon_r = 37.047$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(5.38, 5.38, 5.38) @ 5290 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2094
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.29 \text{ W/kg}$

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $2.896 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

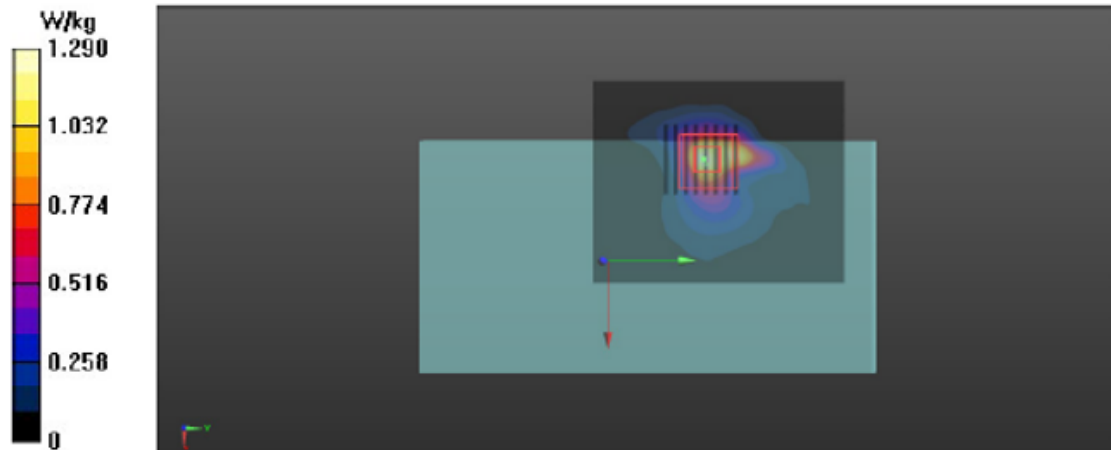
Peak SAR (extrapolated) =  $2.14 \text{ W/kg}$

SAR(1 g) =  $0.592 \text{ W/kg}$ ; SAR(10 g) =  $0.191 \text{ W/kg}$

Smallest distance from peaks to all points 3 dB below =  $6.4 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $67.5\%$

Maximum value of SAR (measured) =  $1.33 \text{ W/kg}$



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Date: 2024/7/22

**P04 802.11ac\_VHT80\_Rear Face\_0.5cm\_Ch155\_Ant 2**

**DUT: EUT**

Communication System: UID 0, 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 5.214 \text{ S/m}$ ;  $\epsilon_r = 36.169$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(4.74, 4.74, 4.74) @ 5775 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2094
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.14 \text{ W/kg}$

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $0.4990 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

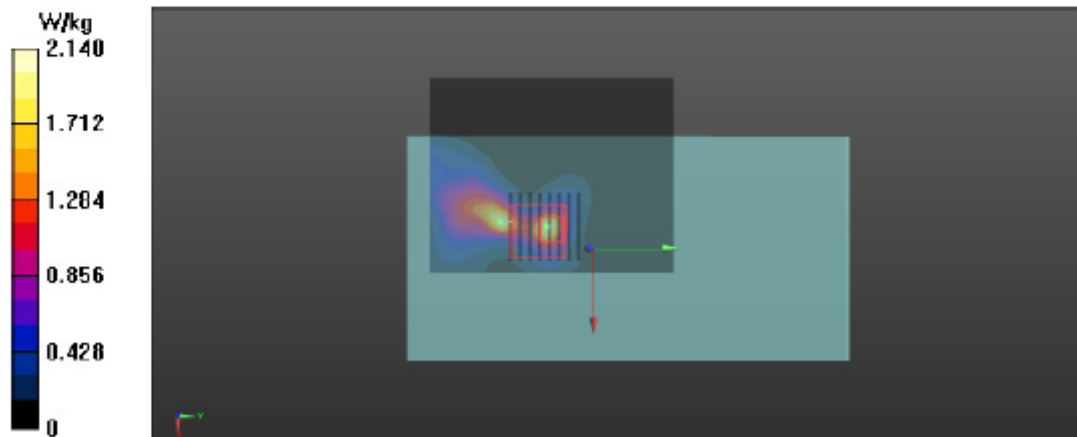
Peak SAR (extrapolated) =  $3.72 \text{ W/kg}$

SAR(1 g) =  $0.769 \text{ W/kg}$ ; SAR(10 g) =  $0.217 \text{ W/kg}$

Smallest distance from peaks to all points 3 dB below =  $4.5 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $62.4\%$

Maximum value of SAR (measured) =  $2.23 \text{ W/kg}$



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Date: 2024/7/20

**P05 BT\_3DH5\_Rear Face\_0.5cm\_Ch78\_Ant 2**

**DUT: EUT**

Communication System: UID 0, BT; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.877 \text{ S/m}$ ;  $\epsilon_r = 39.27$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(7.6, 7.6, 7.6) @ 2480 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1725; Calibrated: 2023/10/26
- Phantom: ELI V8.0; Type: QD OVA 004 Ax; Serial: 2094
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x81x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.127 \text{ W/kg}$

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $0 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$   
Peak SAR (extrapolated) =  $0.176 \text{ W/kg}$   
 $\text{SAR}(1 \text{ g}) = 0.064 \text{ W/kg}$ ;  $\text{SAR}(10 \text{ g}) = 0.024 \text{ W/kg}$   
Smallest distance from peaks to all points 3 dB below =  $7.3 \text{ mm}$   
Ratio of SAR at M2 to SAR at M1 =  $36.6\%$   
Maximum value of SAR (measured) =  $0.127 \text{ W/kg}$

