

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

Date: 2024/9/25

**P01 802.11b\_Right Side-1\_0cm\_Ch6\_Ant 2**

**DUT: EUT**

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

Medium: H2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.862 \text{ S/m}$ ;  $\epsilon_r = 38.18$ ;  $\rho = 1000 \text{ kg/m}^3$

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: DAE3 Sn1725; Calibrated: 2023/10/26
- 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 (81x101x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.70 \text{ W/kg}$

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

Reference Value =  $10.86 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

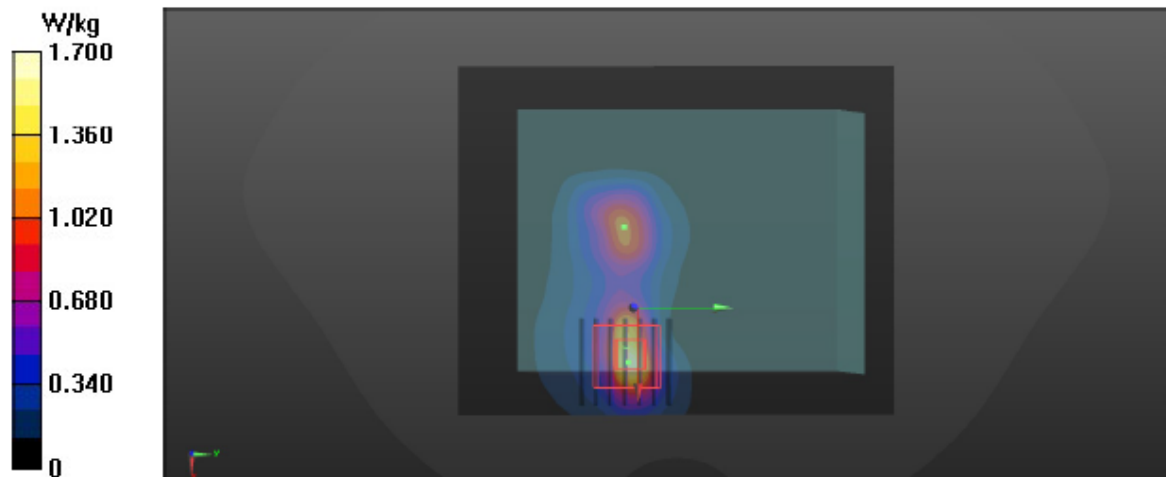
Peak SAR (extrapolated) =  $2.29 \text{ W/kg}$

SAR(1 g) =  $1.07 \text{ W/kg}$ ; SAR(10 g) =  $0.490 \text{ W/kg}$

Smallest distance from peaks to all points 3 dB below =  $7.6 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $48.3\%$

Maximum value of SAR (measured) =  $1.80 \text{ W/kg}$



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**P02 802.11ac\_VHT80\_Left Side-1\_0cm\_Ch42\_Ant 1**

**DUT: EUT**

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

Medium: H5G Medium parameters used:  $f = 5210 \text{ MHz}$ ;  $\sigma = 4.52 \text{ S/m}$ ;  $\epsilon_r = 37.466$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7738; ConvF(5.38, 5.38, 5.38) @ 5210 MHz; Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn1725; Calibrated: 2023/10/26
- 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 (121x141x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.512 \text{ W/kg}$

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

Reference Value =  $6.126 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

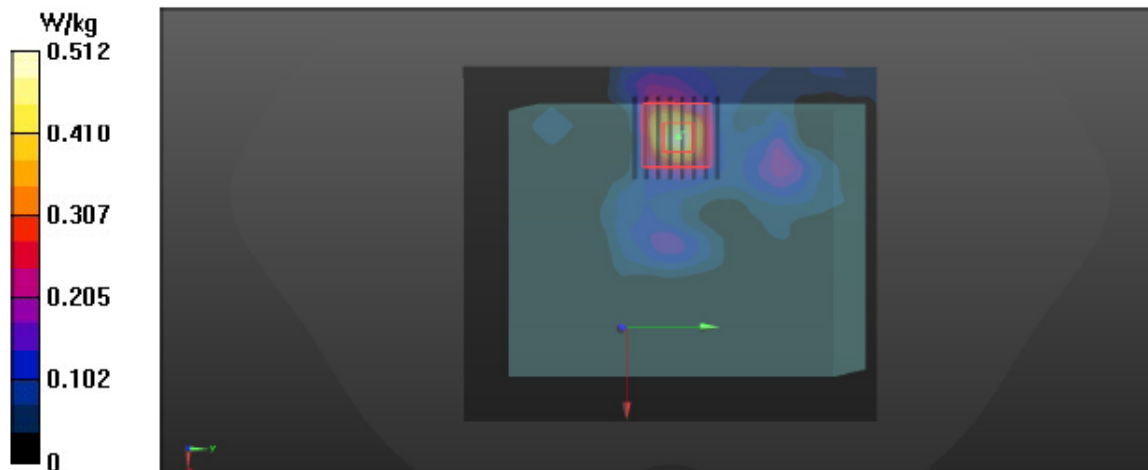
Peak SAR (extrapolated) =  $0.739 \text{ W/kg}$

SAR(1 g) =  $0.214 \text{ W/kg}$ ; SAR(10 g) =  $0.078 \text{ W/kg}$

Smallest distance from peaks to all points 3 dB below =  $10.4 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $64.6\%$

Maximum value of SAR (measured) =  $0.451 \text{ W/kg}$



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**P03 802.11ac\_VHT80\_Left Side-1\_0cm\_Ch155\_Ant 1**

**DUT: EUT**

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

Medium: H5G Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 5.135 \text{ S/m}$ ;  $\epsilon_r = 36.473$ ;  $\rho = 1000 \text{ kg/m}^3$

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: DAE3 Sn1725; Calibrated: 2023/10/26
- 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 (121x141x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
Maximum value of SAR (interpolated) =  $0.861 \text{ W/kg}$

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$   
Reference Value =  $7.763 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$   
Peak SAR (extrapolated) =  $1.21 \text{ W/kg}$   
SAR(1 g) =  $0.391 \text{ W/kg}$ ; SAR(10 g) =  $0.142 \text{ W/kg}$   
Smallest distance from peaks to all points 3 dB below =  $10.1 \text{ mm}$   
Ratio of SAR at M2 to SAR at M1 =  $69.9\%$   
Maximum value of SAR (measured) =  $0.812 \text{ W/kg}$

