

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

Date: 2024/6/17

P01 802.11b_Right Side_1cm_Ch11

DUT: EUT

Communication System: UID 0, 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

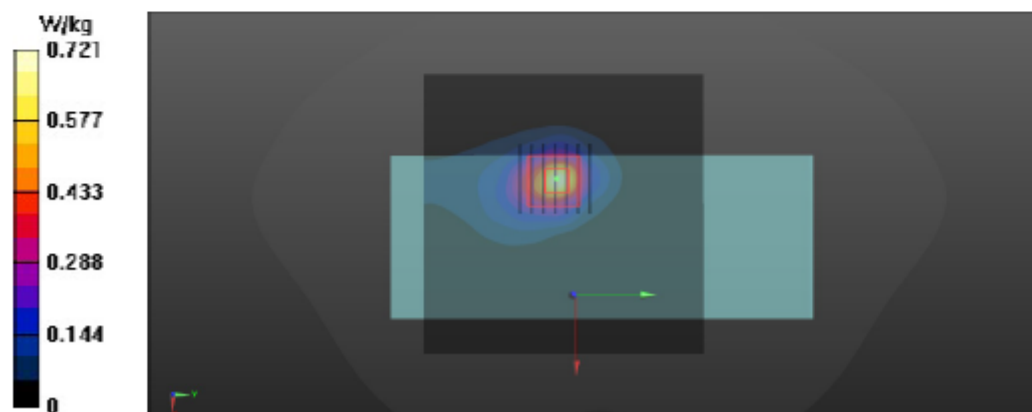
Medium: H2450 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.881 \text{ S/m}$; $\epsilon_r = 38.128$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2462 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 (81x81x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.721 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.551 V/m ; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.445 W/kg ; SAR(10 g) = 0.205 W/kg
Smallest distance from peaks to all points 3 dB below = 10.3 mm
Ratio of SAR at M2 to SAR at M1 = 52%
Maximum value of SAR (measured) = 0.722 W/kg



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

Date: 2024/6/17

P02 802.11a_Right Side_1cm_Ch64

DUT: EUT

Communication System: UID 0, 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5320$ MHz; $\sigma = 4.692$ S/m; $\epsilon_r = 36.977$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.48, 5.48, 5.48) @ 5320 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 (101x121x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.63 W/kg

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

Reference Value = 4.548 V/m; Power Drift = 0.19 dB

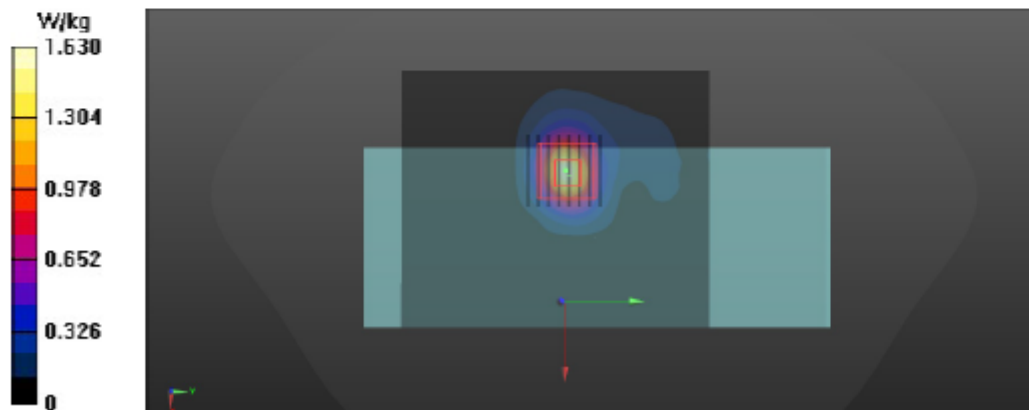
Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.242 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.6%

Maximum value of SAR (measured) = 1.51 W/kg



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

Date: 2024/6/17

P03 802.11a_Right Side_1cm_Ch116

DUT: EUT

Communication System: UID 0, 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

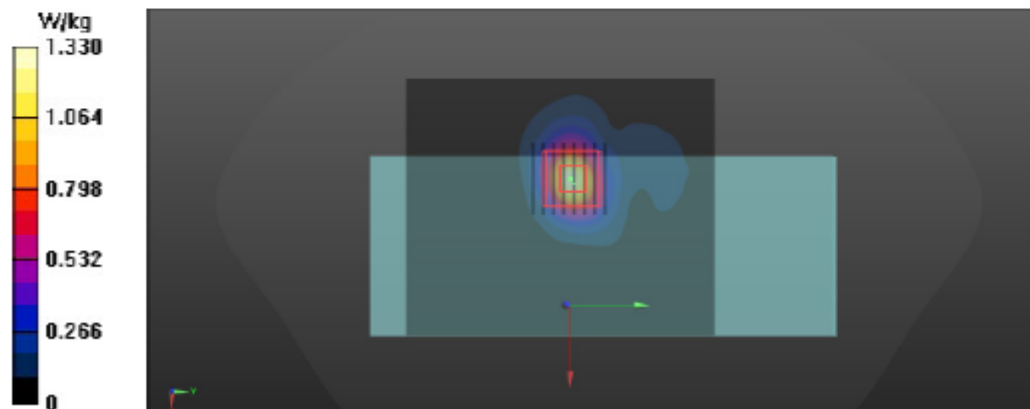
Medium: H5G Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 36.483$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.99, 4.99, 4.99) @ 5580 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 (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 1.33 W/kg

- Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 5.096 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 65.1%
Maximum value of SAR (measured) = 1.23 W/kg



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

Date: 2024/6/17

P04 802.11a_Right Side_1cm_Ch157

DUT: EUT

Communication System: UID 0, 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

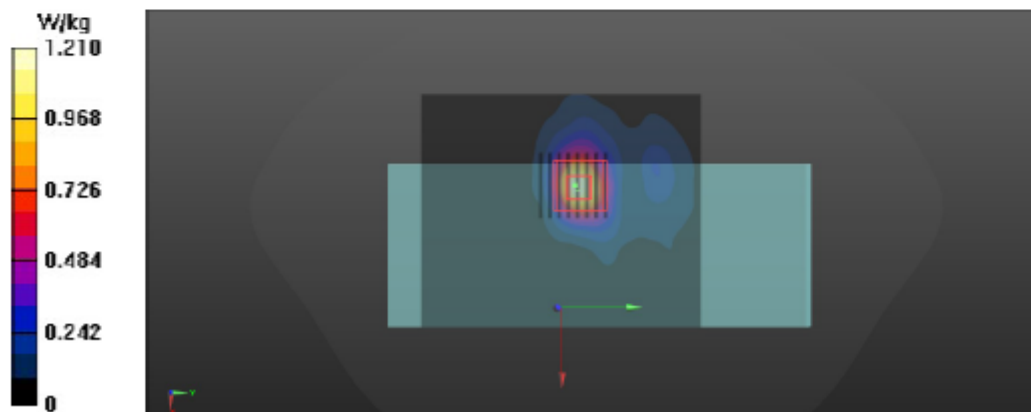
Medium: H5G Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.221 \text{ S/m}$; $\epsilon_r = 36.145$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.95, 4.95, 4.95) @ 5785 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 (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 1.21 W/kg

- Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 5.140 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.168 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.4%
Maximum value of SAR (measured) = 1.18 W/kg



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

Date: 2024/6/17

P05 BT_DH5_Right Side_1cm_Ch39

DUT: EUT

Communication System: UID 0, BT; Frequency: 2441 MHz; Duty Cycle: 1:1

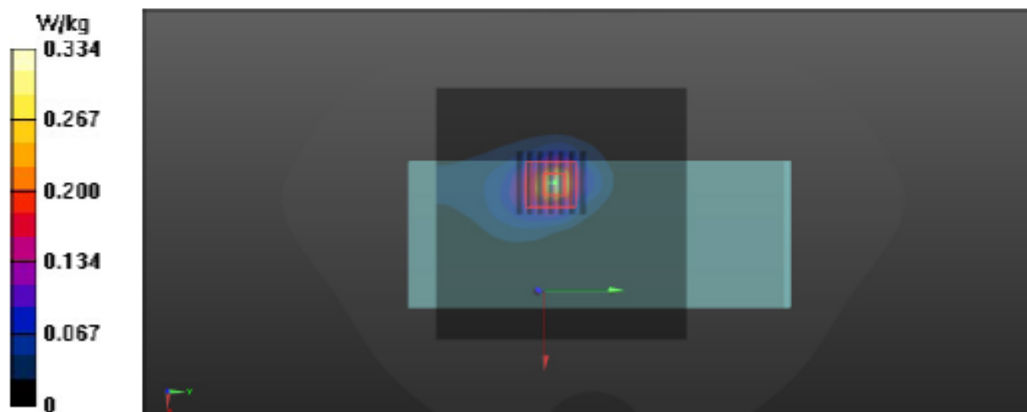
Medium: H2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.864 \text{ S/m}$; $\epsilon_r = 38.17$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2441 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 (81x81x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.334 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.372 V/m ; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.875 W/kg
 $\text{SAR}(1 \text{ g}) = 0.142 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.066 \text{ W/kg}$
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 53%
Maximum value of SAR (measured) = 0.711 W/kg



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

Date: 2024/6/17

P06 802.11b_Right Side_0cm_Ch11

DUT: EUT

Communication System: UID 0, 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

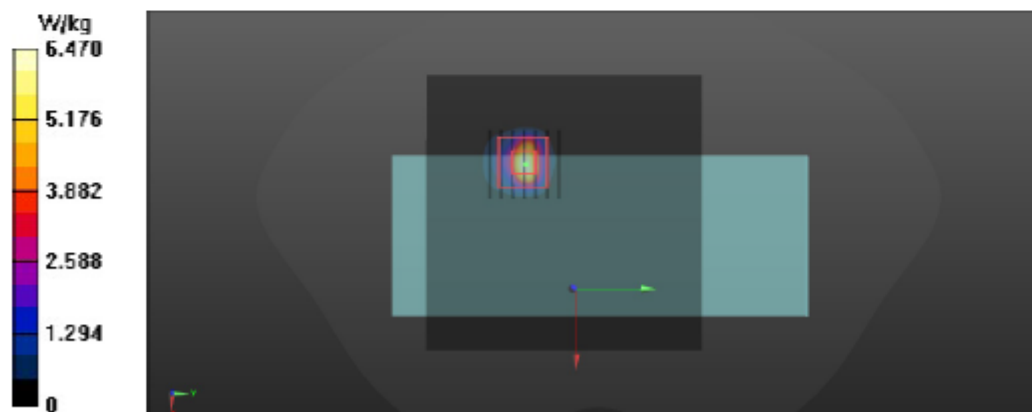
Medium: H2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 38.128$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2462 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 (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 6.47 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 1.698 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 15.7 W/kg
SAR(1 g) = 6.25 W/kg; SAR(10 g) = 1.98 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 46%
Maximum value of SAR (measured) = 11.2 W/kg



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

Date: 2024/6/17

P07 802.11a_Right Side_0cm_Ch64

DUT: EUT

Communication System: UID 0, 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

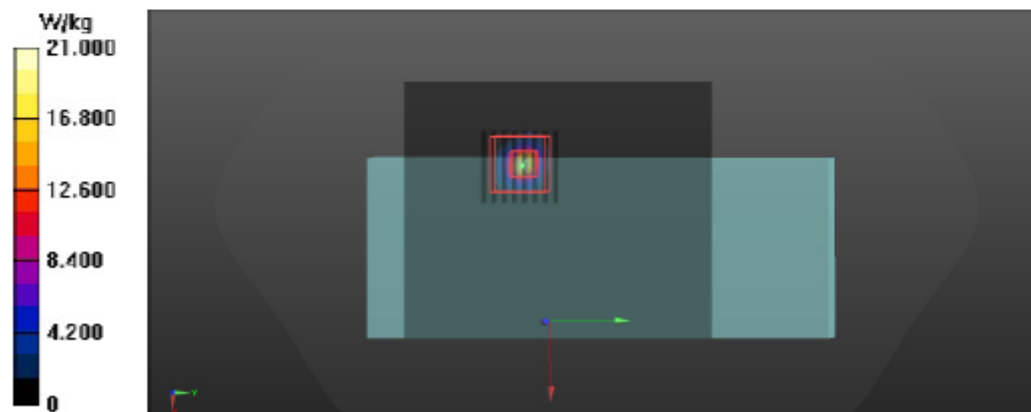
Medium: H5G Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.692 \text{ S/m}$; $\epsilon_r = 36.977$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.48, 5.48, 5.48) @ 5320 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 (101x121x1):** Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 21.0 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 1.729 V/m ; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 25.7 W/kg
SAR(1 g) = 6.4 W/kg ; SAR(10 g) = 1.48 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 67.8%
Maximum value of SAR (measured) = 16.5 W/kg



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

Date: 2024/6/17

P08 802.11a_Right Side_0cm_Ch116

DUT: EUT

Communication System: UID 0, 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 36.483$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.99, 4.99, 4.99) @ 5580 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 (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 18.2 W/kg

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

Reference Value = 1.883 V/m; Power Drift = -0.09 dB

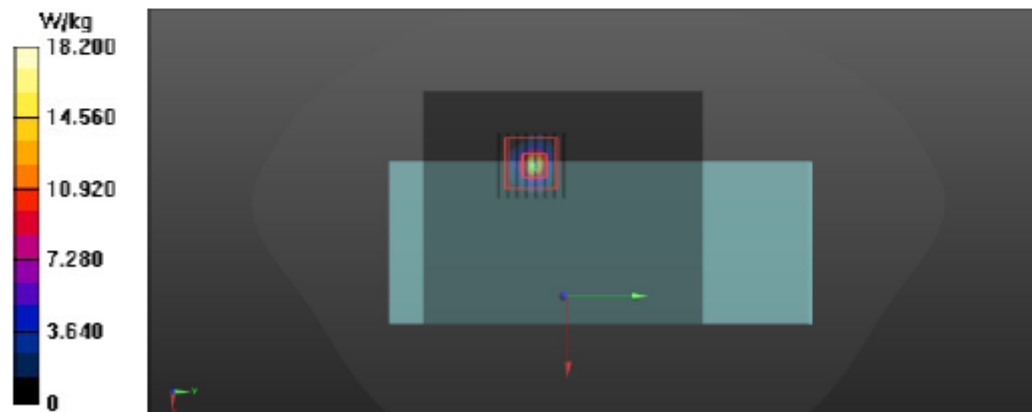
Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 6.08 W/kg; SAR(10 g) = 1.31 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 66.2%

Maximum value of SAR (measured) = 15.4 W/kg



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Date: 2024/6/17

P09 802.11a_Right Side_0cm_Ch157

DUT: EUT

Communication System: UID 0, 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

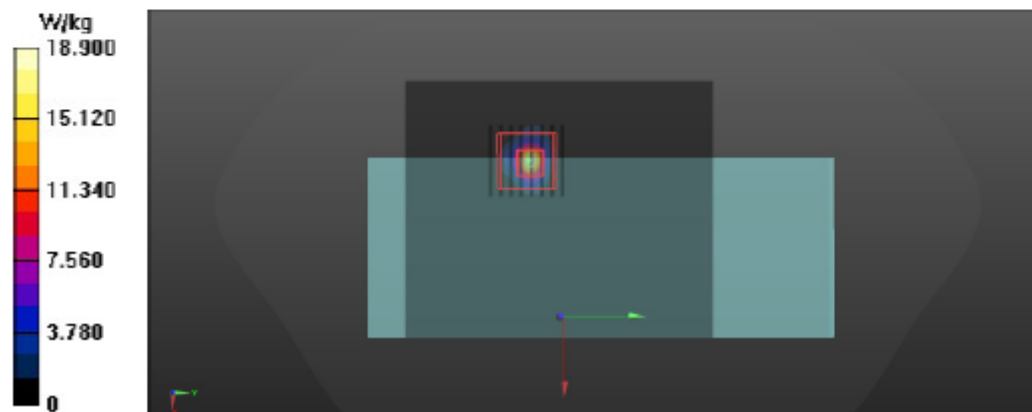
Medium: H5G Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.221 \text{ S/m}$; $\epsilon_r = 36.145$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.95, 4.95, 4.95) @ 5785 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 (101x121x1):** Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 18.9 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 1.589 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 6.54 W/kg; SAR(10 g) = 1.36 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.3%
Maximum value of SAR (measured) = 18.3 W/kg



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

Date: 2024/6/17

P10 BT_DH5_Right Side_0cm_Ch39

DUT: EUT

Communication System: UID 0, BT; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.864 \text{ S/m}$; $\epsilon_r = 38.17$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2441 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 (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.37 W/kg

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

Reference Value = 1.219 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 2.01 W/kg ; SAR(10 g) = 0.634 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 48%

Maximum value of SAR (measured) = 11.1 W/kg

