

### P01 802.11b\_Top Side\_0cm\_Ch6\_Ant3\_Degree 90

#### DUT: EUT

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

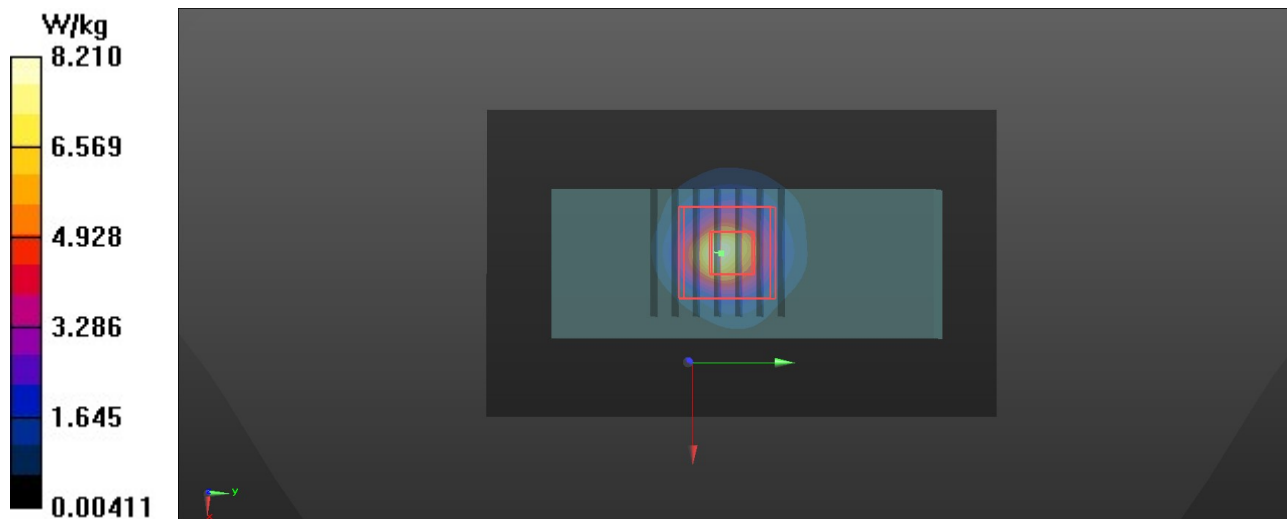
Medium: H2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.83 \text{ S/m}$ ;  $\epsilon_r = 39.455$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2437 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 (61x101x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
Maximum value of SAR (interpolated) = 8.21 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 57.95 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 9.21 W/kg  
**SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.63 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.5 mm  
Ratio of SAR at M2 to SAR at M1 = 43%  
Maximum value of SAR (measured) = 7.00 W/kg



## P02 802.11ac\_VHT80MHz\_Left Side\_0cm\_Ch42\_Ant0\_Degree 90

### DUT: EUT

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

Medium: H5G Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.699$  S/m;  $\epsilon_r = 36.327$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.48, 5.48, 5.48) @ 5210 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 (71x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 26.1 W/kg

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

Reference Value = 62.32 V/m; Power Drift = -0.04 dB

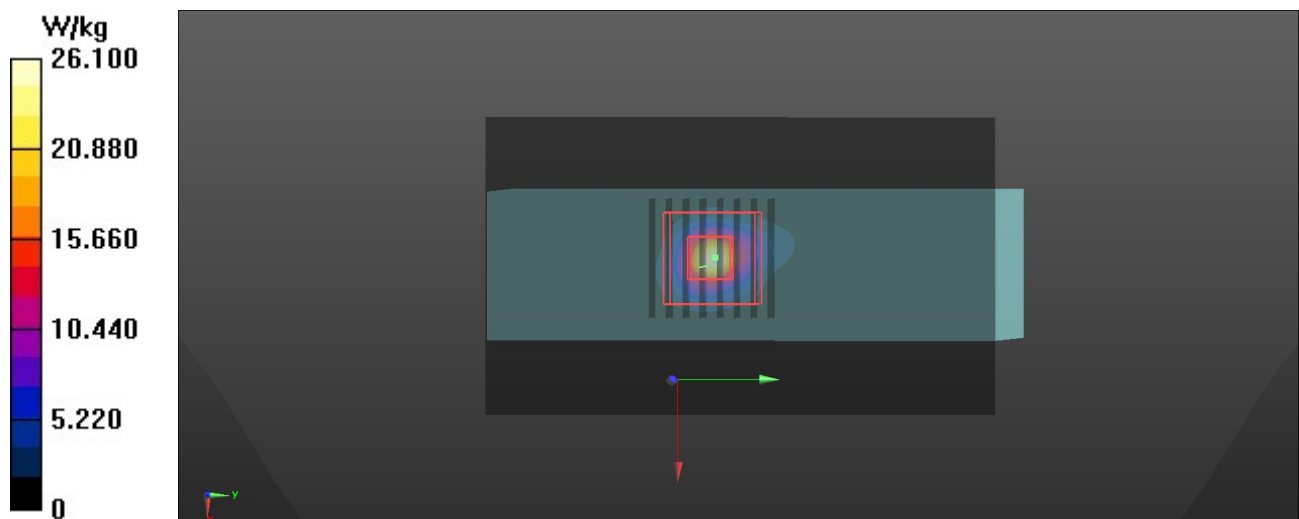
Peak SAR (extrapolated) = 37.0 W/kg

**SAR(1 g) = 9.85 W/kg; SAR(10 g) = 2.48 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 70.6%

Maximum value of SAR (measured) = 22.9 W/kg



## P03 SDR2.4G\_20MHz\_Front Face\_0cm\_2437.5MHz\_Ant1\_Degree 0

### DUT: EUT

Communication System: SDR; Frequency: 2437.5 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2437.5$  MHz;  $\sigma = 1.83$  S/m;  $\epsilon_r = 39.46$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2437.5 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 (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 17.5 W/kg

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

Reference Value = 25.72 V/m; Power Drift = 0.08 dB

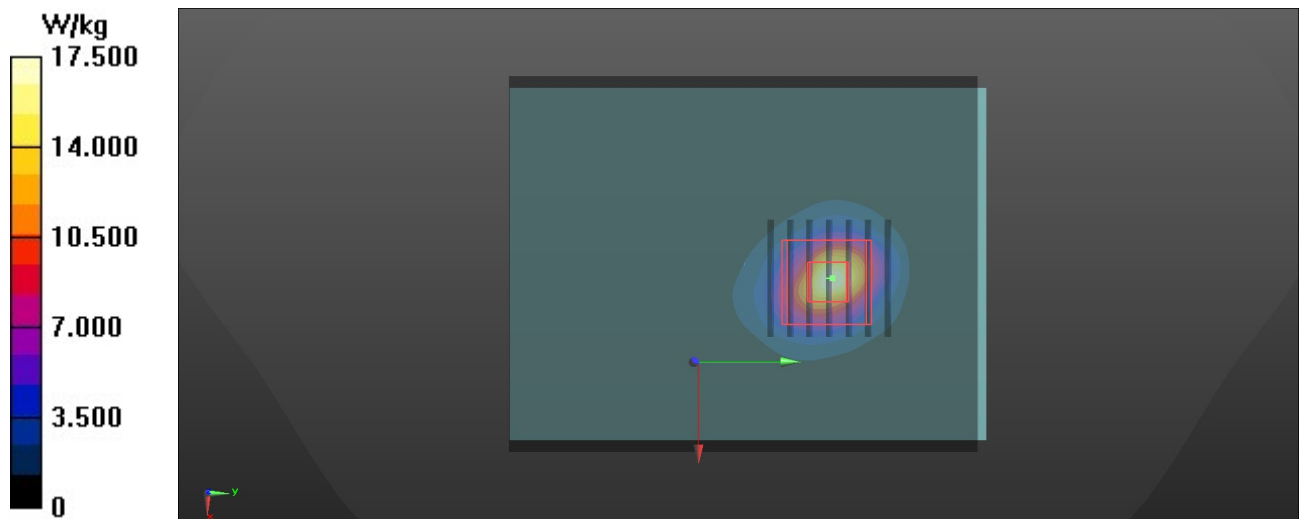
Peak SAR (extrapolated) = 23.4 W/kg

**SAR(1 g) = 9.56 W/kg; SAR(10 g) = 3.93 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 17.8 W/kg



### P04 SDR5.5G\_40MHz\_Right Side\_0cm\_5550MHz\_Ant2\_Degree 90

#### DUT: EUT

Communication System: SDR; Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5550 \text{ MHz}$ ;  $\sigma = 4.983 \text{ S/m}$ ;  $\epsilon_r = 34.91$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.99, 4.99, 4.99) @ 5550 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 (71x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
Maximum value of SAR (interpolated) = 84.5 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$   
Reference Value = 31.10 V/m; Power Drift = -0.15 dB

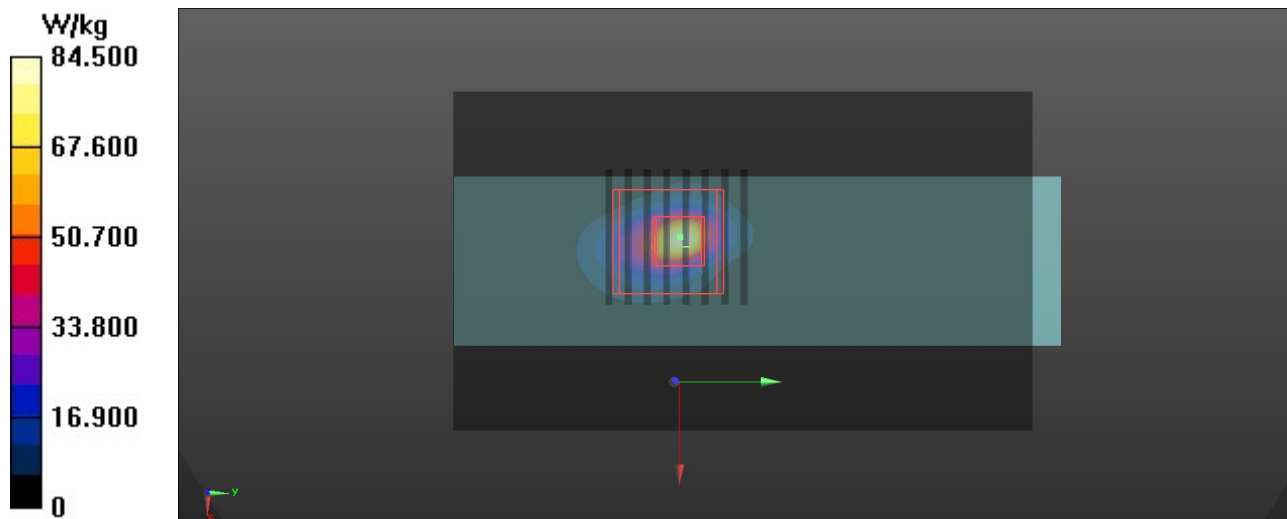
Peak SAR (extrapolated) = 135 W/kg

**SAR(1 g) = 28.1 W/kg; SAR(10 g) = 6.99 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 74.7 W/kg



## P05 SDR5.8G\_20MHz\_Left Side\_0cm\_5839.5MHz\_Ant0\_Degree 90

### DUT: EUT

Communication System: SDR; Frequency: 5839.5 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5839.5$  MHz;  $\sigma = 5.281$  S/m;  $\epsilon_r = 34.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.95, 4.95, 4.95) @ 5786.5 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 (91x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 160 W/kg

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

Reference Value = 193.0 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 293 W/kg

**SAR(1 g) = 64.4 W/kg; SAR(10 g) = 15.8 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 171 W/kg

