

## System Check\_Head\_750MHz

### DUT: D750V3-1107

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_191217 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.891$  S/m;  $\epsilon_r = 40.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 750 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.64 W/kg

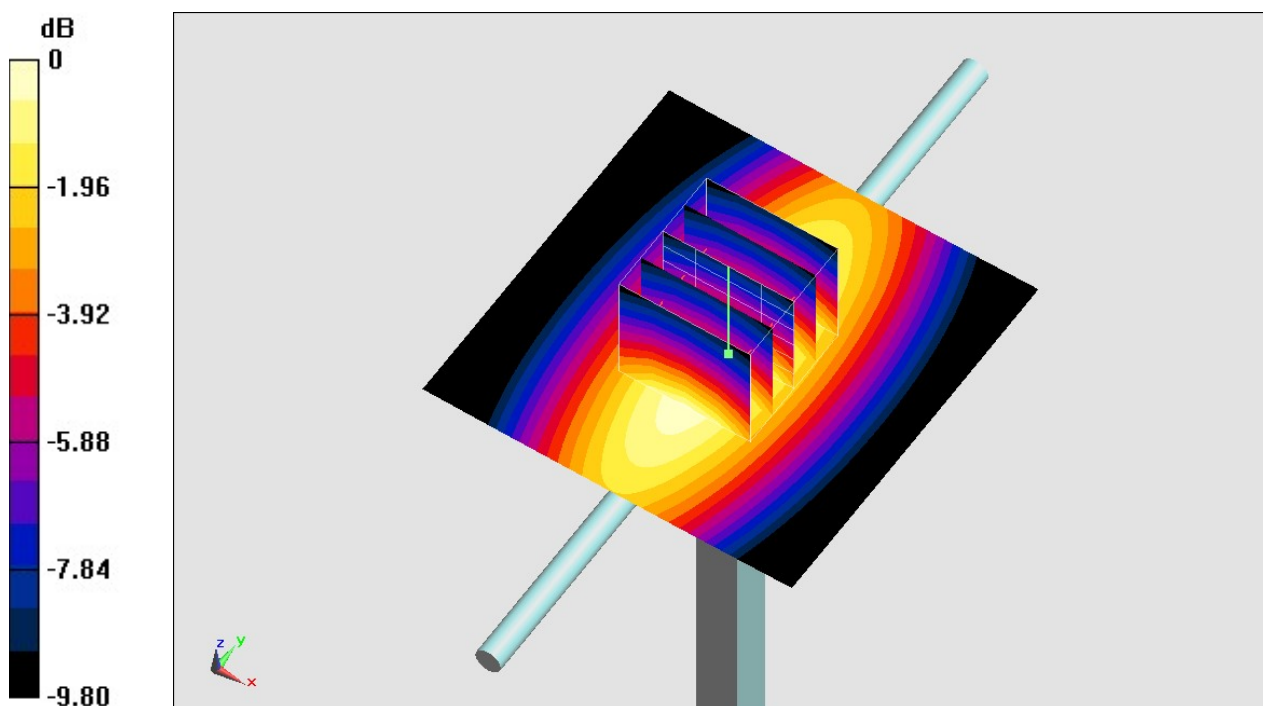
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.89 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.38 W/kg

**SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.53 W/kg**

Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 2.66 W/kg = 4.25 dBW/kg

## System Check\_Head\_750MHz

### DUT: D750V3-1107

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_191218 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 43.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.55, 6.55, 6.55) @ 750 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

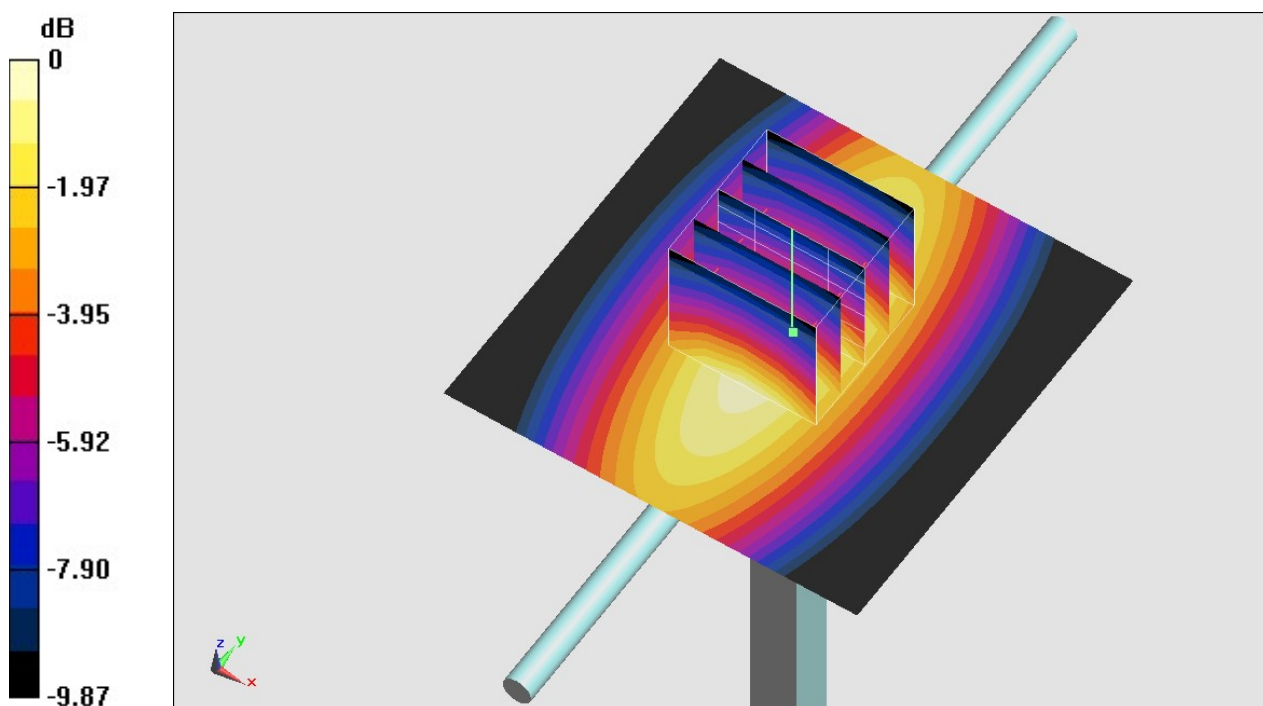
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.37 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.17 W/kg

**SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.43 W/kg**

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

## System Check\_Head\_835MHz

**DUT: D835V2-4d167**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_191216 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.888 \text{ S/m}$ ;  $\epsilon_r = 42.279$ ;  $\rho = 1000 \text{ kg/m}^3$

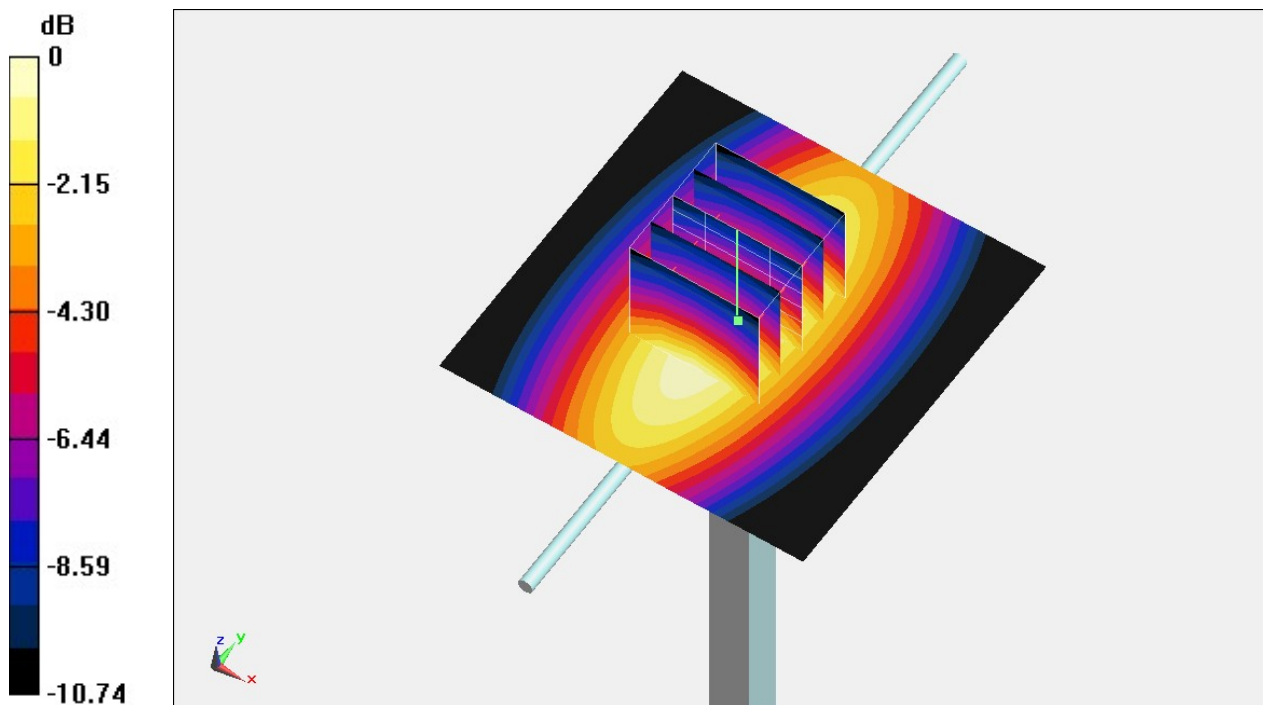
Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(6.43, 6.43, 6.43) @ 835 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $2.89 \text{ W/kg}$

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $58.82 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$   
Peak SAR (extrapolated) =  $3.67 \text{ W/kg}$   
**SAR(1 g) =  $2.45 \text{ W/kg}$ ; SAR(10 g) =  $1.6 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $2.87 \text{ W/kg}$



0 dB =  $2.87 \text{ W/kg} = 4.58 \text{ dBW/kg}$

## System Check\_Head\_1750MHz

### DUT: D1750V2-1112

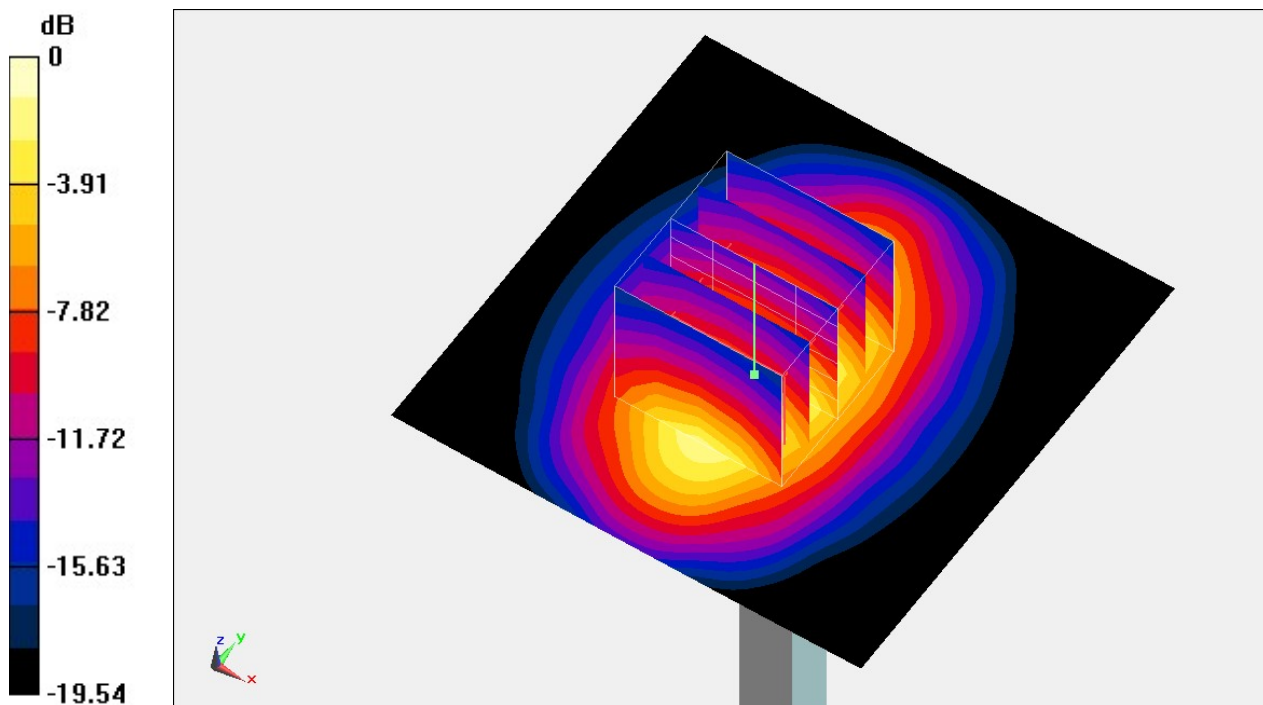
Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_191215 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.379$  S/m;  $\epsilon_r = 40.539$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.41, 5.41, 5.41) @ 1750 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 12.5 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 93.91 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 17.1 W/kg  
**SAR(1 g) = 9.45 W/kg; SAR(10 g) = 5.02 W/kg**  
Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V2-5d185

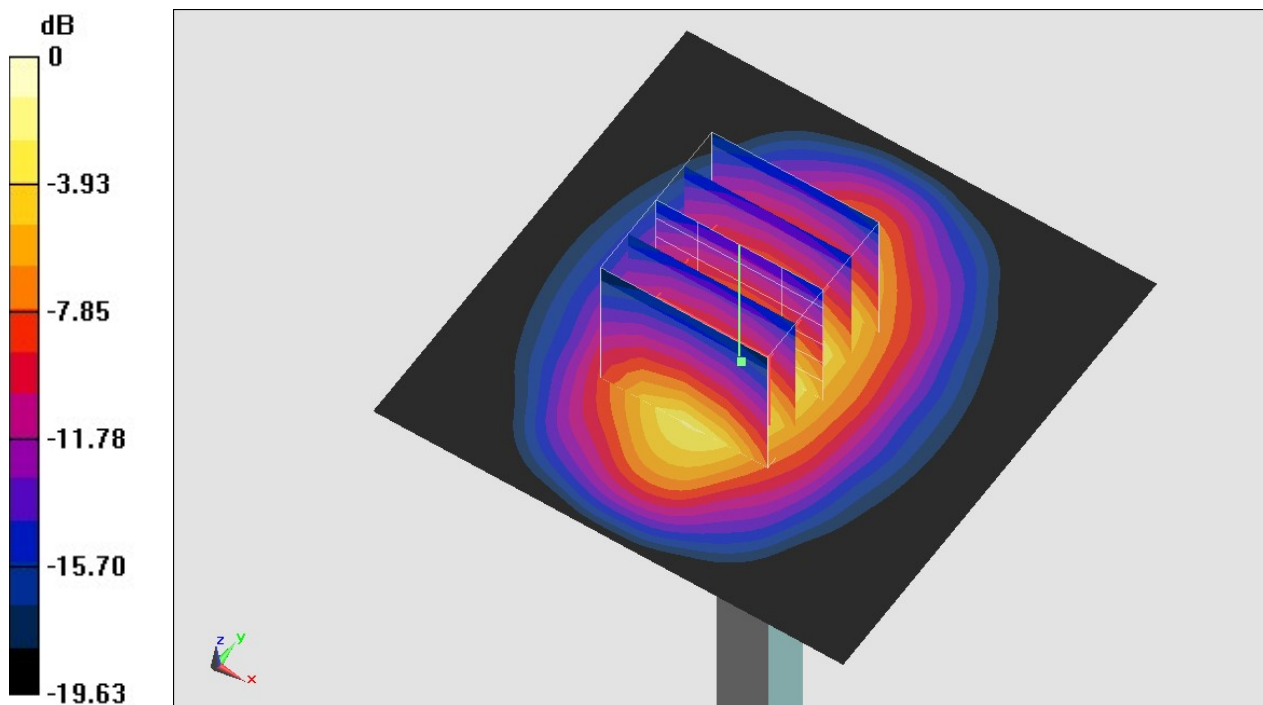
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_191214 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.457$  S/m;  $\epsilon_r = 39.126$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1900 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 13.1 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 96.84 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 18.8 W/kg  
**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.33 W/kg**  
Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

## System Check\_Head\_2600MHz

### DUT: D2600V2-1078

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600\_191213 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.022$  S/m;  $\epsilon_r = 38.794$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.51, 4.51, 4.51) @ 2600 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1191
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 22.1 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 112.8 V/m; Power Drift = 0.15 dB  
Peak SAR (extrapolated) = 30.3 W/kg  
**SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.37 W/kg**  
Maximum value of SAR (measured) = 22.2 W/kg

