

## System Check\_Head\_750MHz

### DUT: D750V3-1012

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

Medium: HSL\_750\_231004 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.893$  S/m;  $\epsilon_r = 41.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.48, 10.48, 10.48) @ 750 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.510 W/kg

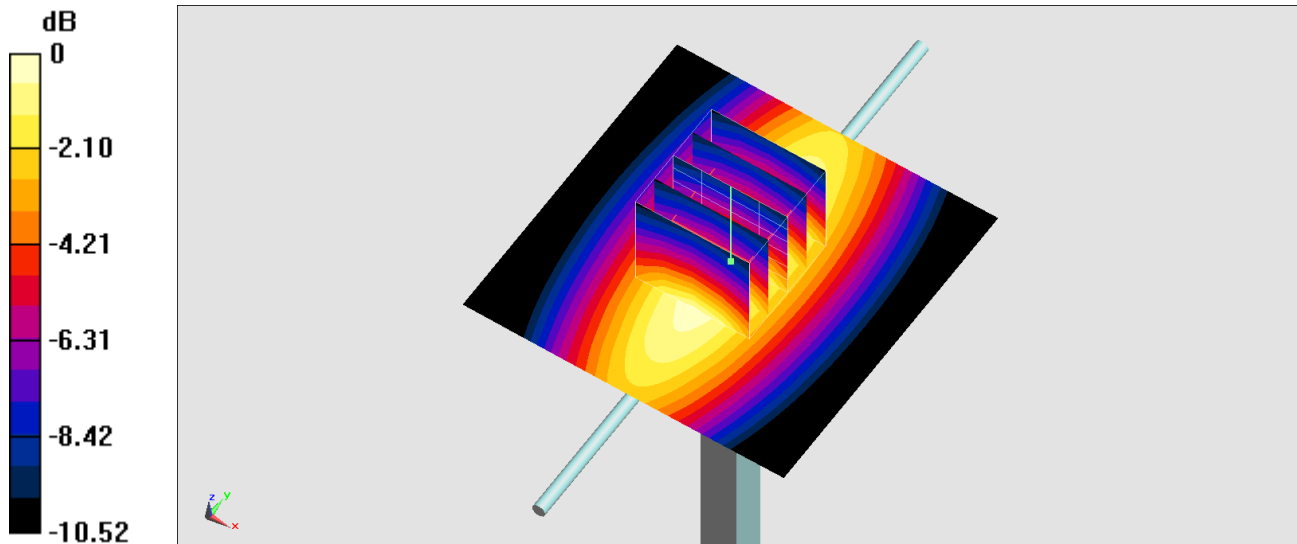
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.22 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.567 W/kg

**SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.258 W/kg**

Maximum value of SAR (measured) = 0.512 W/kg



## System Check\_Head\_835MHz

### DUT: D835V2-499

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

Medium: HSL\_850\_231004 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.928 \text{ S/m}$ ;  $\epsilon_r = 41.26$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.2, 10.2, 10.2) @ 835 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.608 \text{ W/kg}$

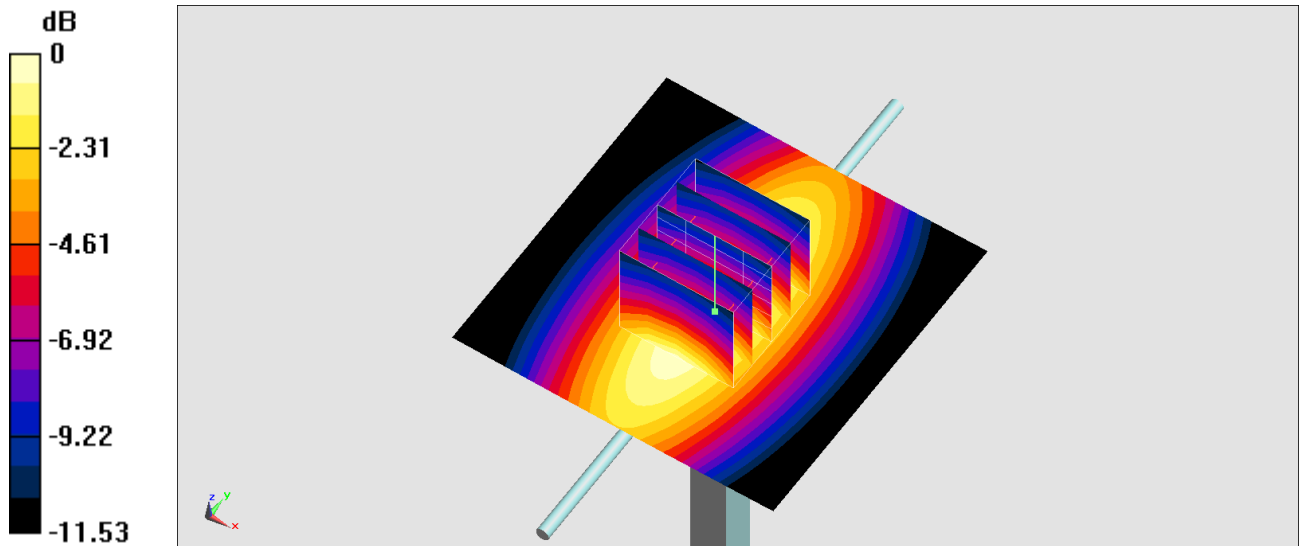
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.13 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.692 \text{ W/kg}$

**SAR(1 g) =  $0.446 \text{ W/kg}$ ; SAR(10 g) =  $0.289 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.605 \text{ W/kg}$



$0 \text{ dB} = 0.605 \text{ W/kg} = -2.18 \text{ dBW/kg}$

## System Check\_Head\_835MHz

### DUT: D835V2-499

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

Medium: HSL\_850\_231007 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 42.326$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.2, 10.2, 10.2) @ 835 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.585 W/kg

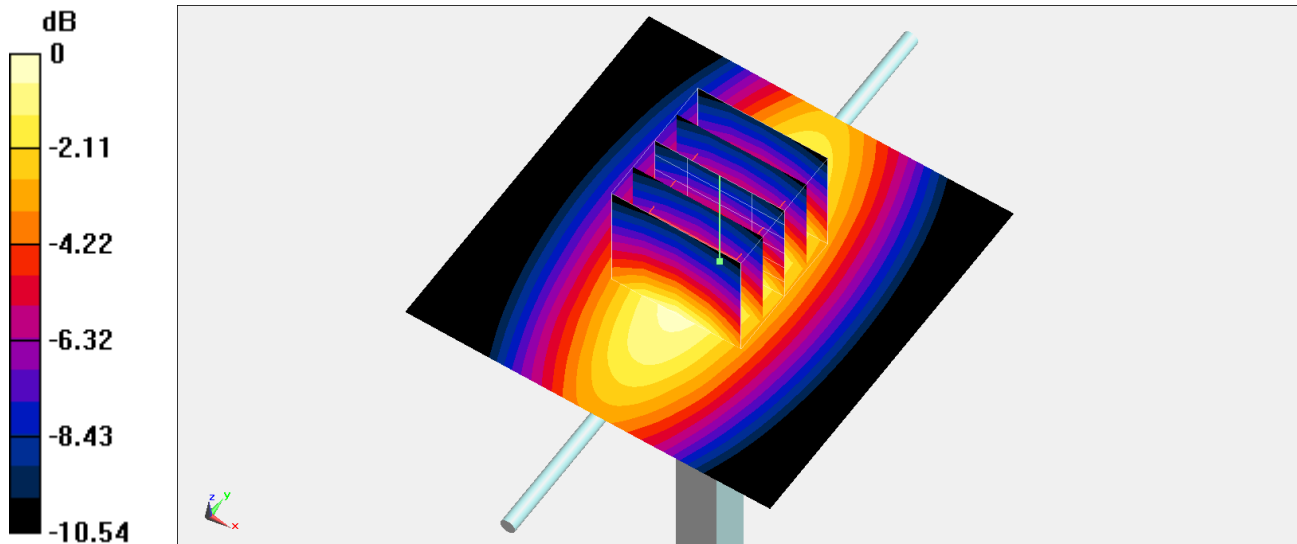
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.58 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.659 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.584 W/kg



0 dB = 0.584 W/kg = -2.34 dBW/kg

## System Check\_Head\_1750MHz

### DUT: D1750V2-1112

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_231006 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.355$  S/m;  $\epsilon_r = 40.388$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.85, 8.85, 8.85) @ 1750 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.76 W/kg

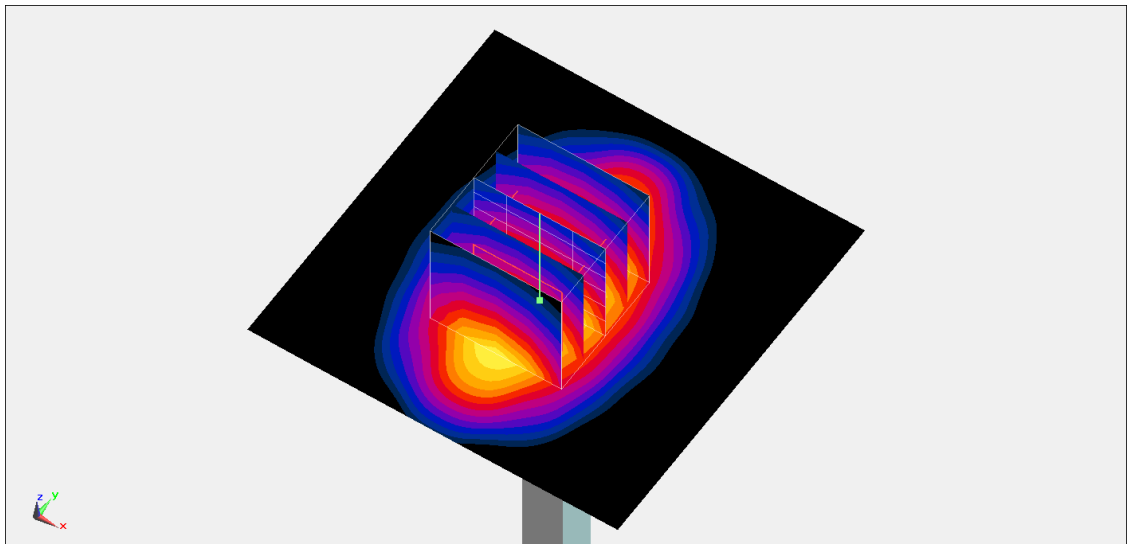
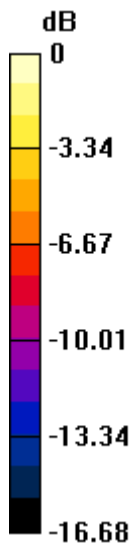
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.98 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.16 W/kg

**SAR(1 g) = 1.77 W/kg; SAR(10 g) = 0.959 W/kg**

Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.76 W/kg = 4.41 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_231006 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.43$  S/m;  $\epsilon_r = 38.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.41, 8.41, 8.41) @ 1900 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.08 W/kg

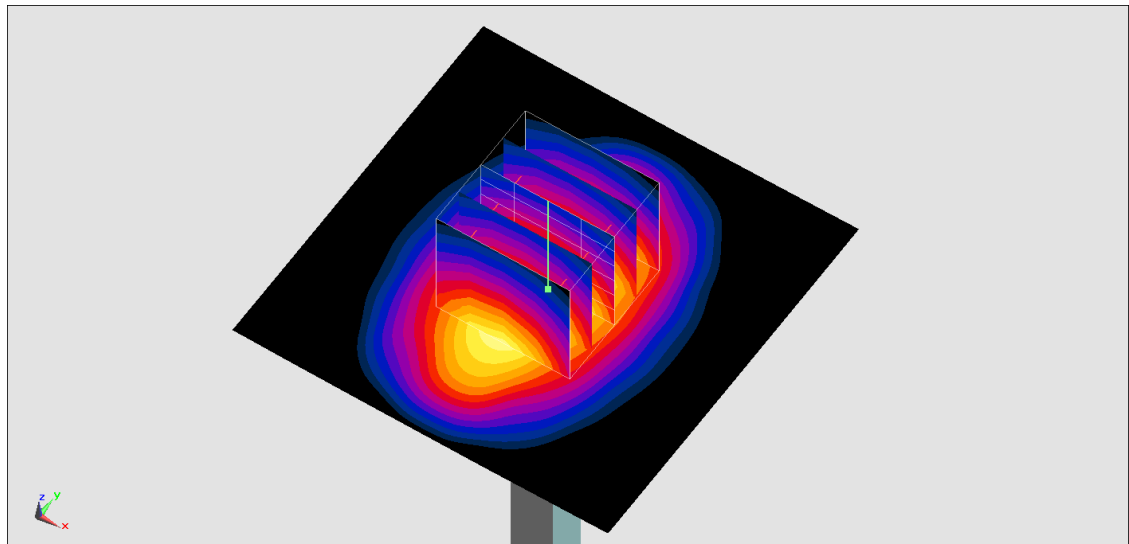
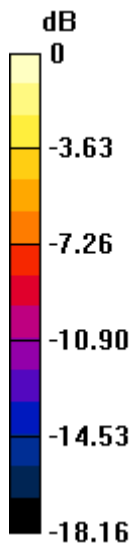
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.22 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.68 W/kg

**SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.01 W/kg**

Maximum value of SAR (measured) = 3.07 W/kg



0 dB = 3.07 W/kg = 4.87 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_231010 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 39.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.41, 8.41, 8.41) @ 1900 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.10 W/kg

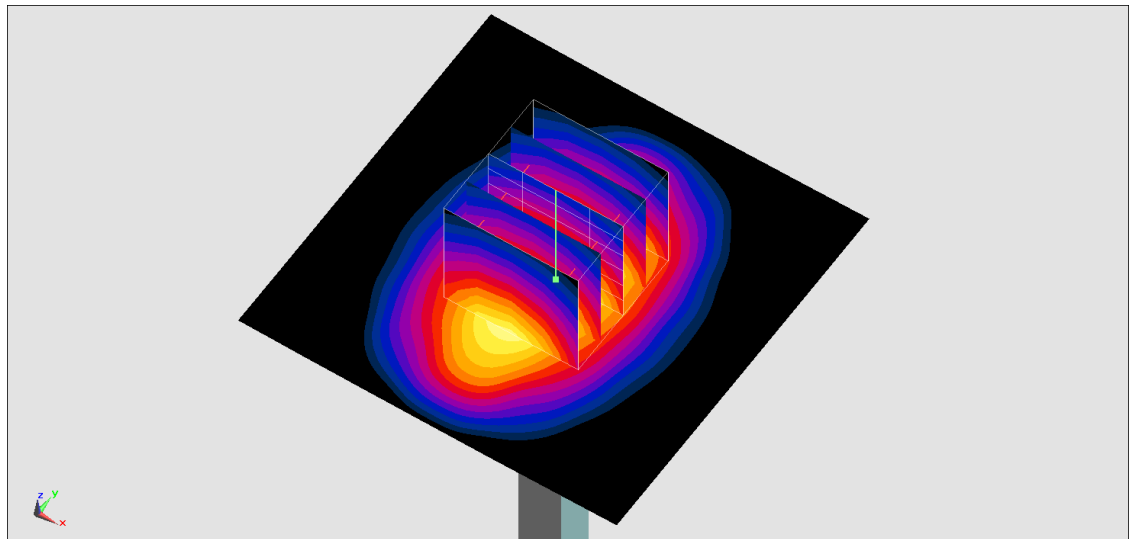
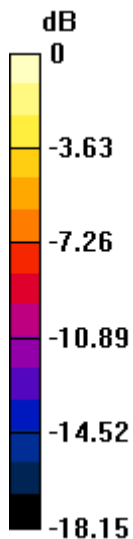
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.22 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.70 W/kg

**SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.01 W/kg**

Maximum value of SAR (measured) = 3.08 W/kg



0 dB = 3.08 W/kg = 4.89 dBW/kg

## System Check\_Head\_2300MHz

### DUT: D2300V2-1006

Communication System: CW; Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: HSL\_2300\_231008 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.635$  S/m;  $\epsilon_r = 40.262$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.26, 8.26, 8.26) @ 2300 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.66 W/kg

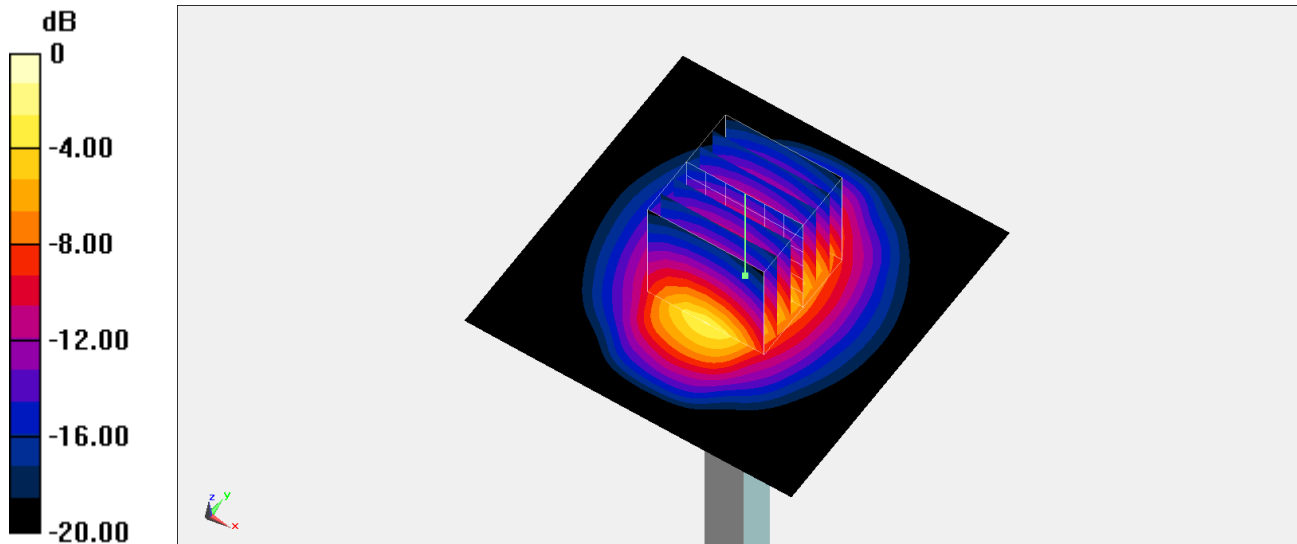
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.78 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.41 W/kg

**SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.11 W/kg**

Maximum value of SAR (measured) = 3.66 W/kg



0 dB = 3.66 W/kg = 5.63 dBW/kg

## System Check\_Head\_2600MHz

### DUT: D2600V2-1089

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_231005 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.996$  S/m;  $\epsilon_r = 38.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2600 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.67 W/kg

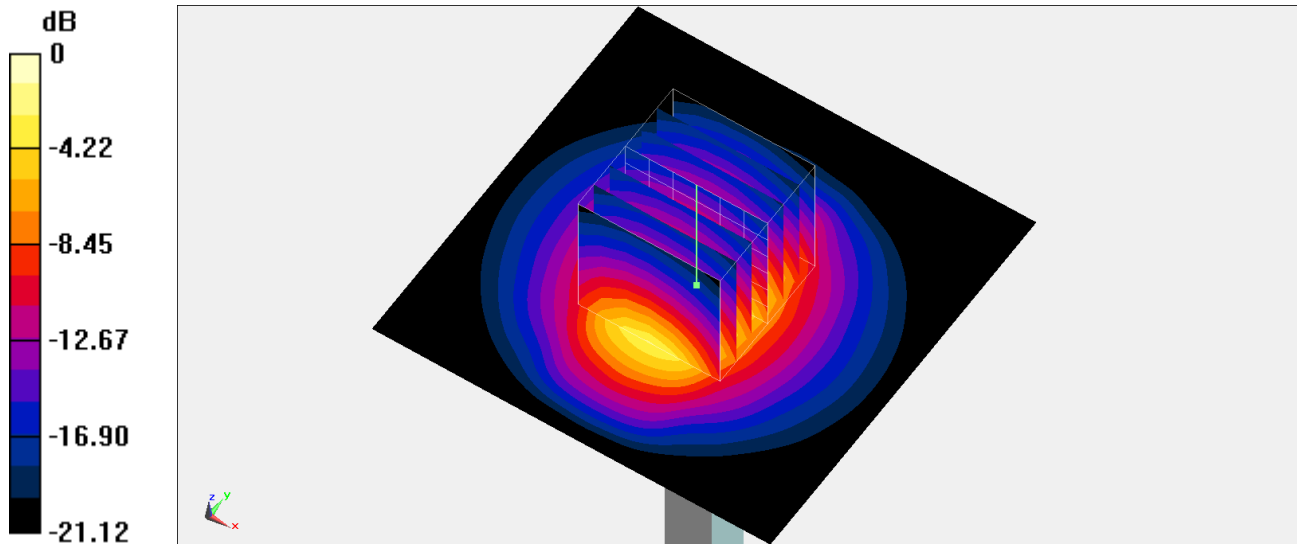
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.72 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.71 W/kg

**SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.31 W/kg**

Maximum value of SAR (measured) = 4.65 W/kg



0 dB = 4.67 W/kg = 6.69 dBW/kg



## System Check\_Head\_2600MHz

### DUT: D2600V2-1089

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_231011 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.998$  S/m;  $\epsilon_r = 38.436$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.79, 7.79, 7.79) @ 2600 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1168
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.68 W/kg

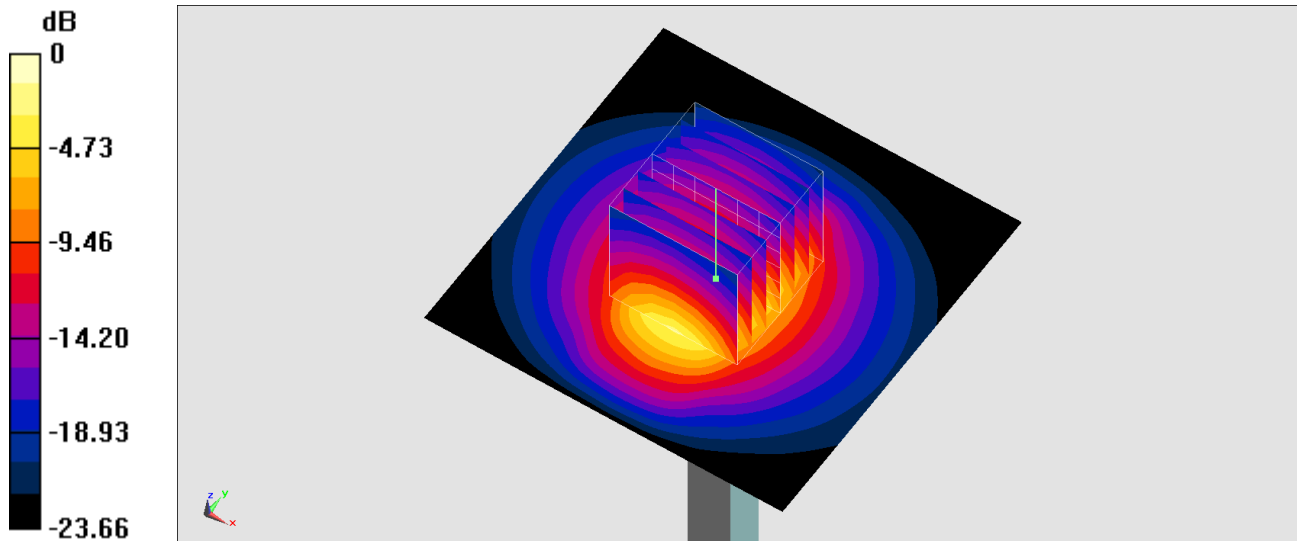
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.72 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.71 W/kg

**SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.31 W/kg**

Maximum value of SAR (measured) = 4.65 W/kg



0 dB = 4.65 W/kg = 6.67 dBW/kg

## System Check\_Head\_3500MHz

### DUT: D3500V2-1014

Communication System: CW; Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL\_3500\_231009 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.952$  S/m;  $\epsilon_r = 37.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.01, 7.01, 7.01) @ 3500 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.24 W/kg

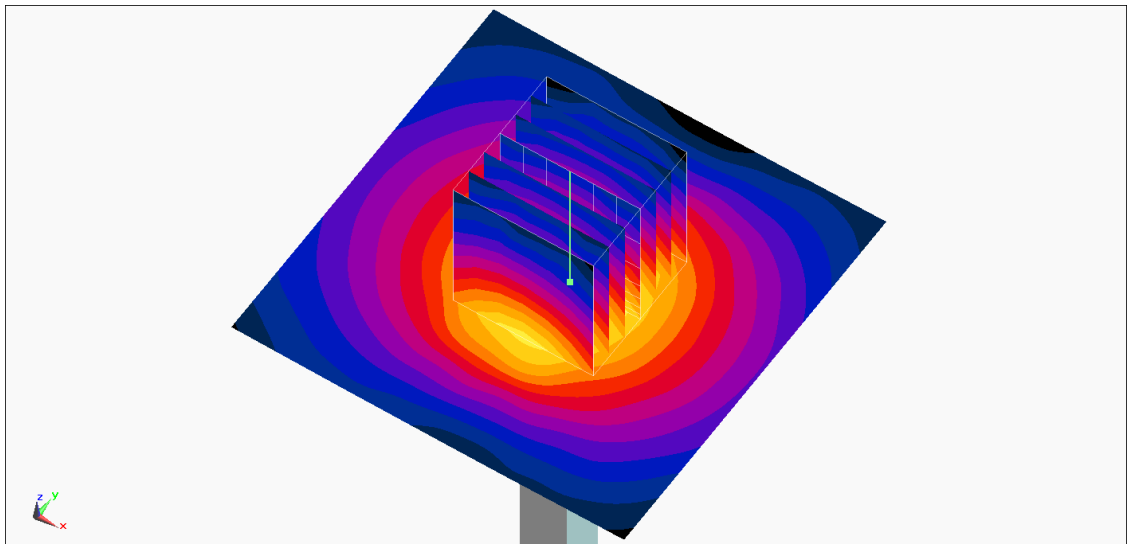
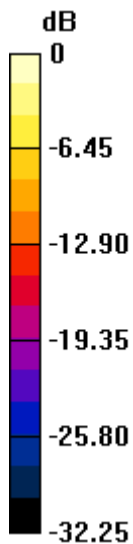
**Pin=50mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 47.93 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 8.31 W/kg

**SAR(1 g) = 3.24 W/kg; SAR(10 g) = 1.24 W/kg**

Maximum value of SAR (measured) = 6.26 W/kg



0 dB = 6.24 W/kg = 7.95 dBW/kg

## System Check\_Head\_3700MHz

### DUT: D3700V2-1022

Communication System: CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL\_3700\_231009 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.138$  S/m;  $\epsilon_r = 37.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(6.96, 6.96, 6.96) @ 3700 MHz; Calibrated: 2023/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2023/1/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.54 W/kg

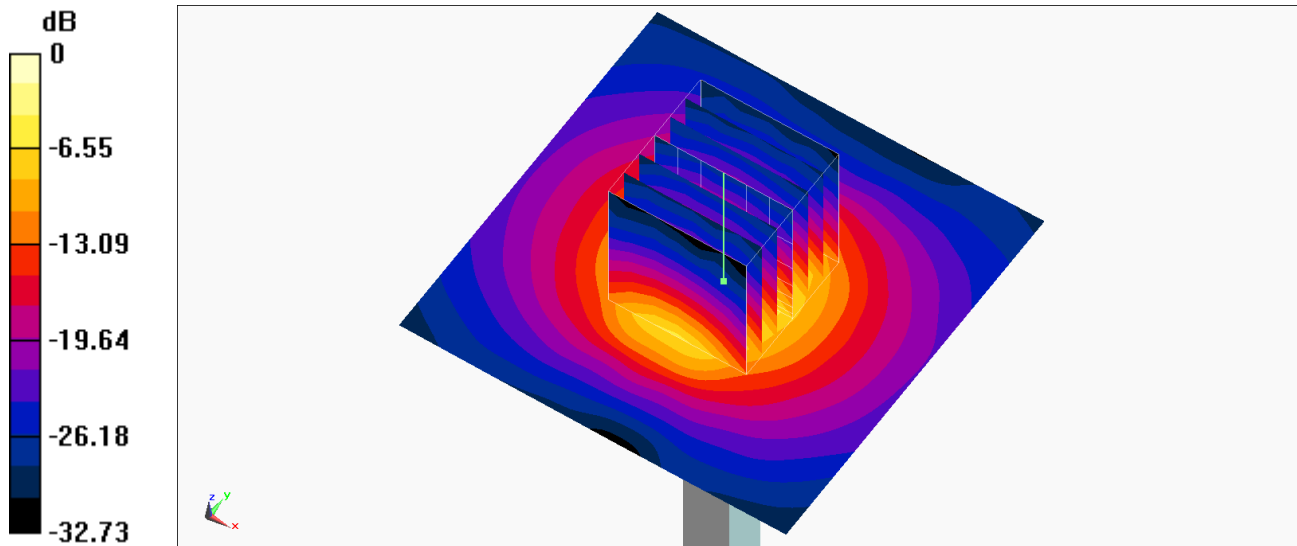
**Pin=50mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 48.89 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.01 W/kg

**SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.25 W/kg**

Maximum value of SAR (measured) = 6.64 W/kg



0 dB = 6.64 W/kg = 8.22 dBW/kg