

## System Check\_750MHz

### DUT: D750V3 - SN1012

Communication System: CW; Frequency: 750.0 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_220916 Medium parameters used:  $f=750.0$  MHz;  $\sigma=0.882$  S/m;  $\epsilon_r=41.7$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(10.94, 10.94, 10.94); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 90.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 0.411 W/kg; SAR (10g) = 0.275 W/kg;

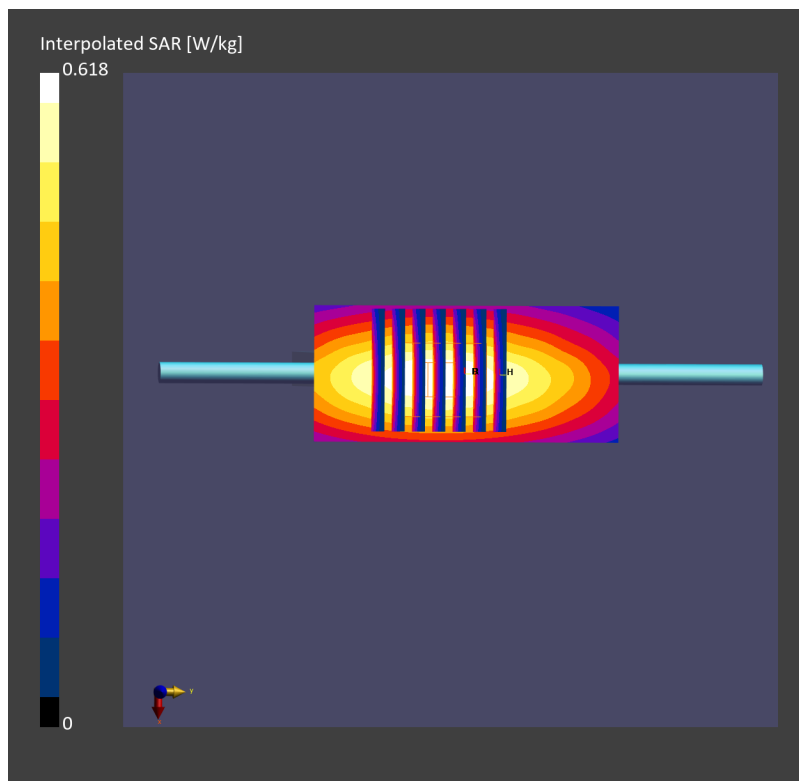
**Pin=50mW/Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.417 W/kg; SAR (8g) = 0.298 W/kg; SAR (10g) = 0.283 W/kg

Smallest distance from peaks to all points 3 dB below = 16.8 mm

Ratio of SAR at M2 to SAR at M1 = 88.6 %



## System Check\_750MHz

### DUT: D750V3 - SN1012

Communication System: CW; Frequency: 750.0 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_221007 Medium parameters used:  $f=750.0$  MHz;  $\sigma=0.883$  S/m;  $\epsilon_r=41.7$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(10.94, 10.94, 10.94); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 90.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 0.413 W/kg; SAR (10g) = 0.278 W/kg;

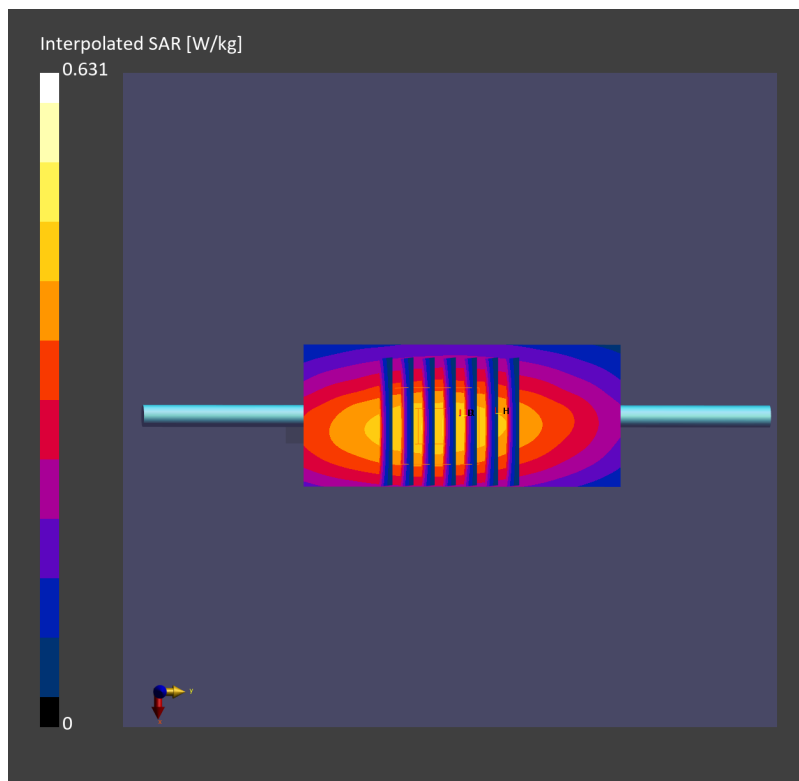
**Pin=50mW/Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0.421 W/kg; SAR (8g) = 0.298 W/kg; SAR (10g) = 0.284 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 87.5 %



## System Check\_835MHz

### DUT: D835V2 - SN499

Communication System: CW; Frequency: 835.0 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_220916 Medium parameters used:  $f=835.0$  MHz;  $\sigma=0.915$  S/m;  $\epsilon_r=41.4$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(10.65, 10.65, 10.65); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 90.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 0.482 W/kg; SAR (10g) = 0.319 W/kg;

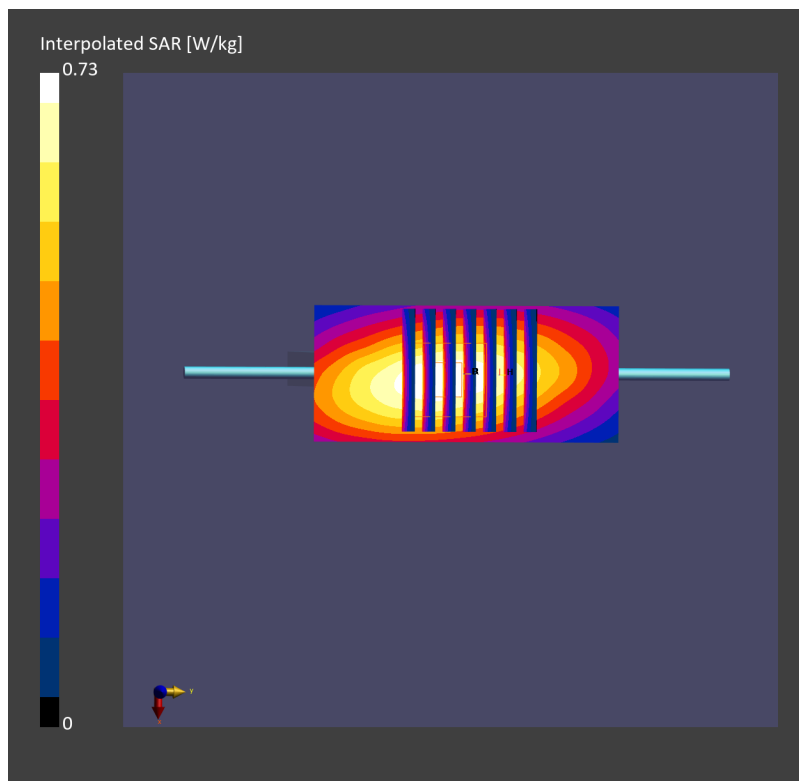
**Pin=50mW/Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.487 W/kg; SAR (8g) = 0.346 W/kg; SAR (10g) = 0.329 W/kg

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 87.7 %



## System Check\_1750MHz

### DUT: D1750V2 - SN1120

Communication System: CW; Frequency: 1750.0 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_220916 Medium parameters used:  $f = 1750.0$  MHz;  $\sigma = 1.37$  S/m;  $\epsilon_r = 40.6$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(8.74, 8.74, 8.74); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 90.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 1.85 W/kg; SAR (10g) = 0.985 W/kg;

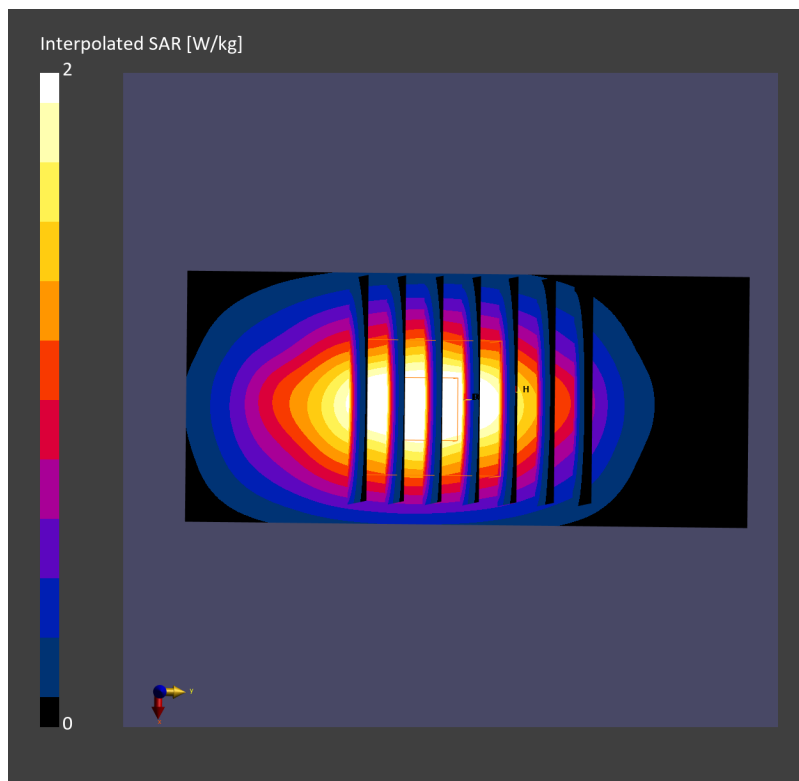
**Pin=50mW/Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 1.84 W/kg; SAR (8g) = 1.10 W/kg; SAR (10g) = 1.01 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 84.1 %



## System Check\_Head\_1750MHz

**DUT: D1750V2-1068**

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

Medium: HSL\_1750\_220926 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.296$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.94, 8.94, 8.94) @ 1750 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.68 W/kg

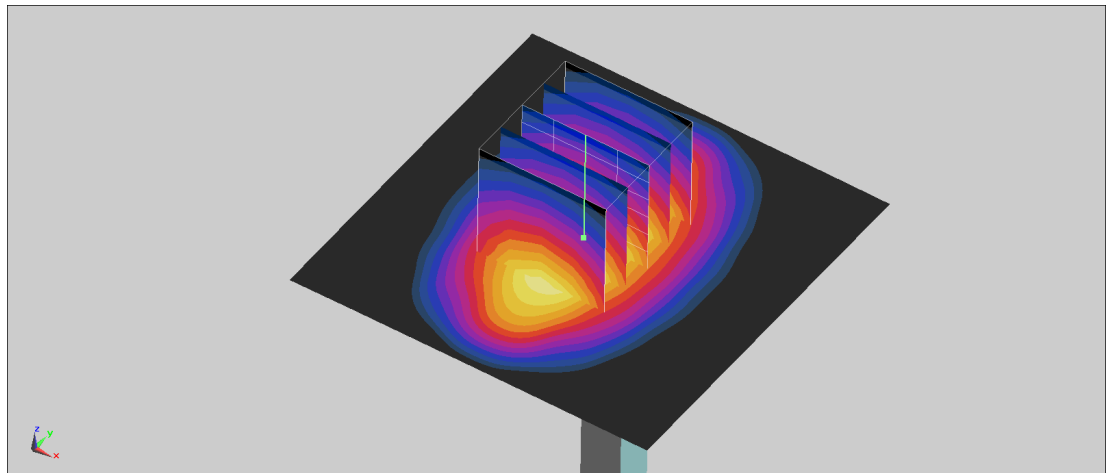
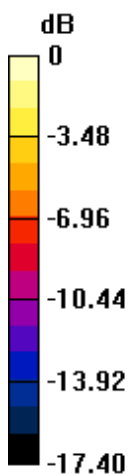
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.00 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.20 W/kg

**SAR(1 g) = 1.73 W/kg; SAR(10 g) = 0.913 W/kg**

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

## System Check\_1900MHz

### DUT: D1900V2 - SN5d185

Communication System: CW; Frequency: 1900.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_220916 Medium parameters used:  $f=1900.0$  MHz;  $\sigma=1.45$  S/m;  $\epsilon_r=39.1$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(8.5, 8.5, 8.5); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 90.0 mm):** Measurement Grid: 10.0 mm x 15.0 mm  
SAR (1g) = 2.01 W/kg; SAR (10g) = 1.05 W/kg;

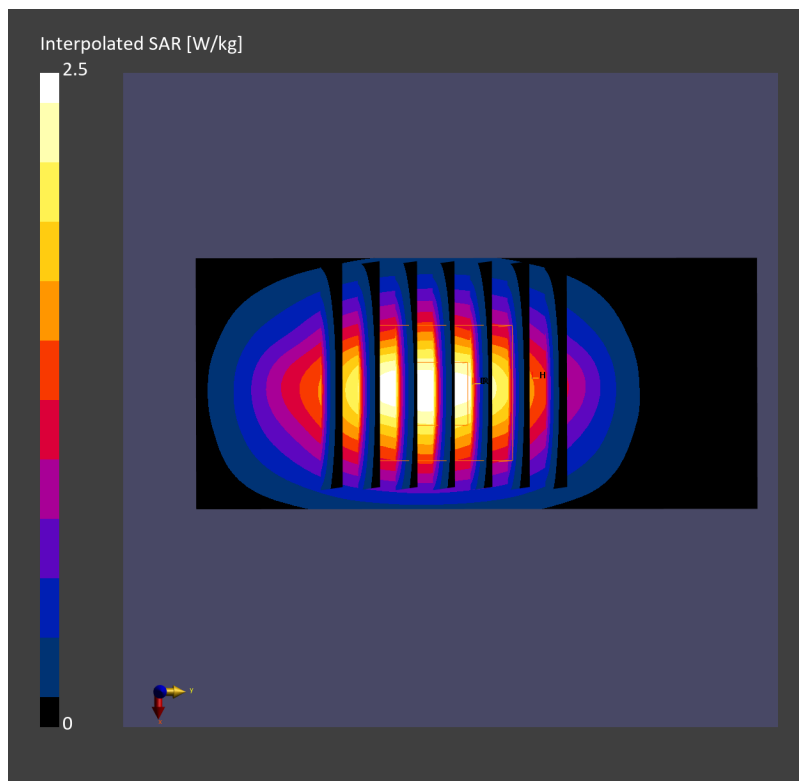
**Pin=50mW/Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.00 dB

SAR (1g) = 2.03 W/kg; SAR (8g) = 1.18 W/kg; SAR (10g) = 1.09 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 84.5 %



## System Check\_2300MHz\_220916

### DUT: D2300V2 - SN1006

Communication System: CW; Frequency: 2300.0 MHz; Duty Cycle: 1:1

Medium: HSL\_2300\_220916 Medium parameters used:  $f = 2300.0$  MHz;  $\sigma = 1.68$  S/m;  $\epsilon_r = 39.0$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(8.46, 8.46, 8.46); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 96.0 mm):** Measurement Grid: 10.0 mm x 12.0 mm

SAR (1g) = 2.24 W/kg; SAR (10g) = 1.07 W/kg;

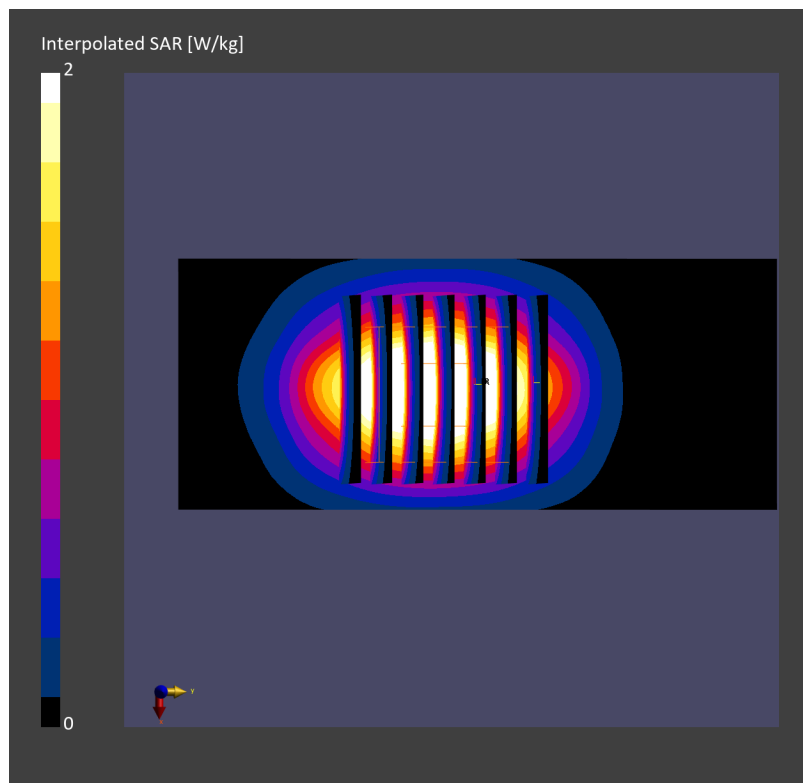
**Pin=50mW/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 2.25 W/kg; SAR (8g) = 1.22 W/kg; SAR (10g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 83.1 %



## System Check\_Head\_2300MHz

### DUT: D2300V2-1088

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

Medium: HSL\_2300\_220926 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.692$  S/m;  $\epsilon_r = 40.151$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.49, 8.49, 8.49) @ 2300 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.91 W/kg

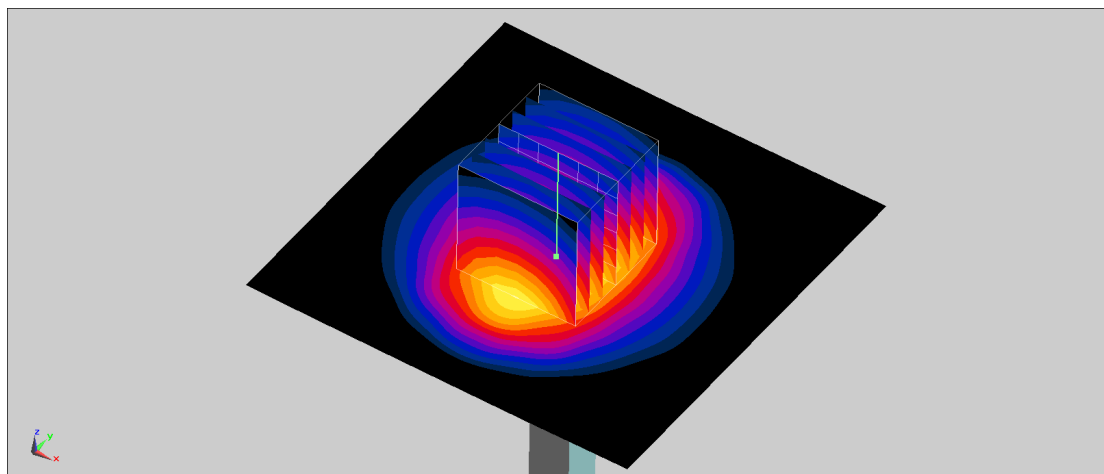
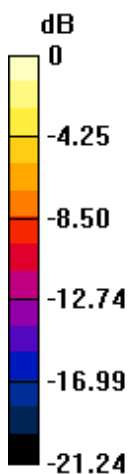
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.20 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.81 W/kg

**SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.1 W/kg**

Maximum value of SAR (measured) = 3.89 W/kg



0 dB = 3.89 W/kg = 5.90 dBW/kg



## System Check\_Head\_2450MHz

**DUT: D2450V2-736**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_220928 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>

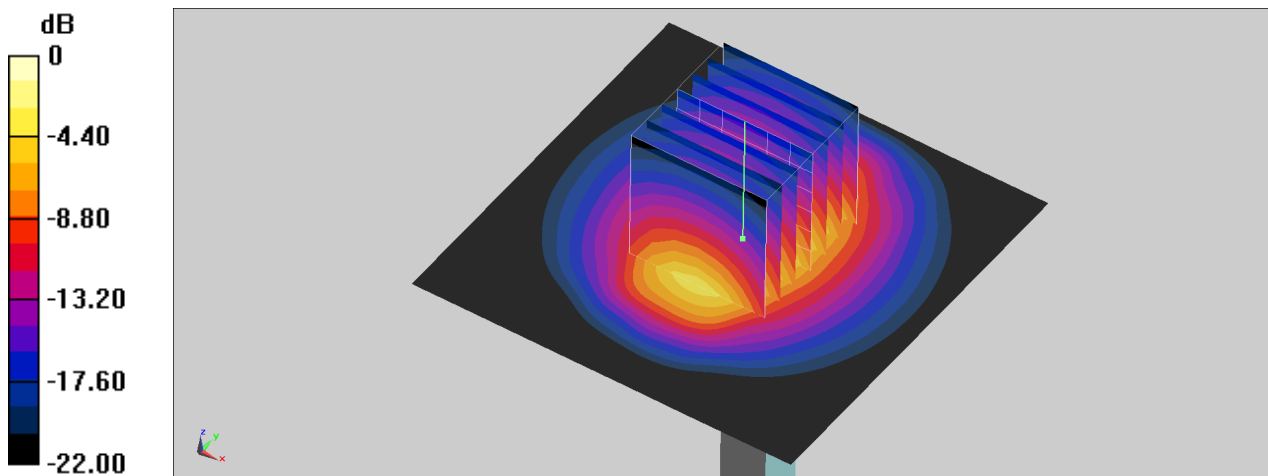
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.2, 8.2, 8.2) @ 2450 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 4.30 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 49.28 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 5.41 W/kg  
**SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.21 W/kg**  
Maximum value of SAR (measured) = 4.30 W/kg



0 dB = 4.30 W/kg = 6.33 dBW/kg

## System Check\_2600MHz\_220916

### DUT: D2600V2 - SN1008

Communication System: CW; Frequency: 2600.0 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_220916 Medium parameters used:  $f = 2600.0$  MHz;  $\sigma = 2.00$  S/m;  $\epsilon_r = 37.9$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(8.14, 8.14, 8.14); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 96.0 mm):** Measurement Grid: 10.0 mm x 12.0 mm  
SAR (1g) = 2.60 W/kg; SAR (10g) = 1.16 W/kg;

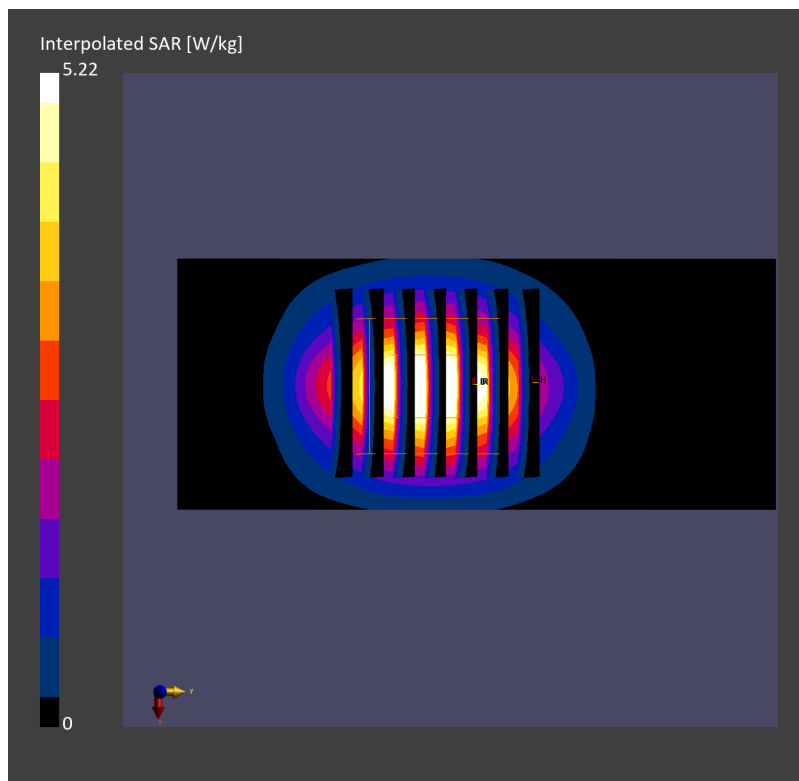
**Pin=50mW/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 2.61 W/kg; SAR (8g) = 1.34 W/kg; SAR (10g) = 1.21 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



## System Check\_3500MHz\_220917

### DUT: D3500V2 - SN1014

Communication System: CW; Frequency: 3500.0 MHz; Duty Cycle: 1:1  
Medium: HSL\_3500\_220917 Medium parameters used:  $f= 3500.0$  MHz;  $\sigma= 2.92$  S/m;  $\epsilon_r = 37.4$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7692; ConvF(7.17, 7.17, 7.17); Calibrated: 2021-11-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2021-11-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.0.1425
- UID: CW, 0--

**Pin=50mW/Area Scan (40.0 mm x 96.0 mm):** Measurement Grid: 10.0 mm x 12.0 mm  
SAR (1g) = 3.13 W/kg; SAR (10g) = 1.22 W/kg;

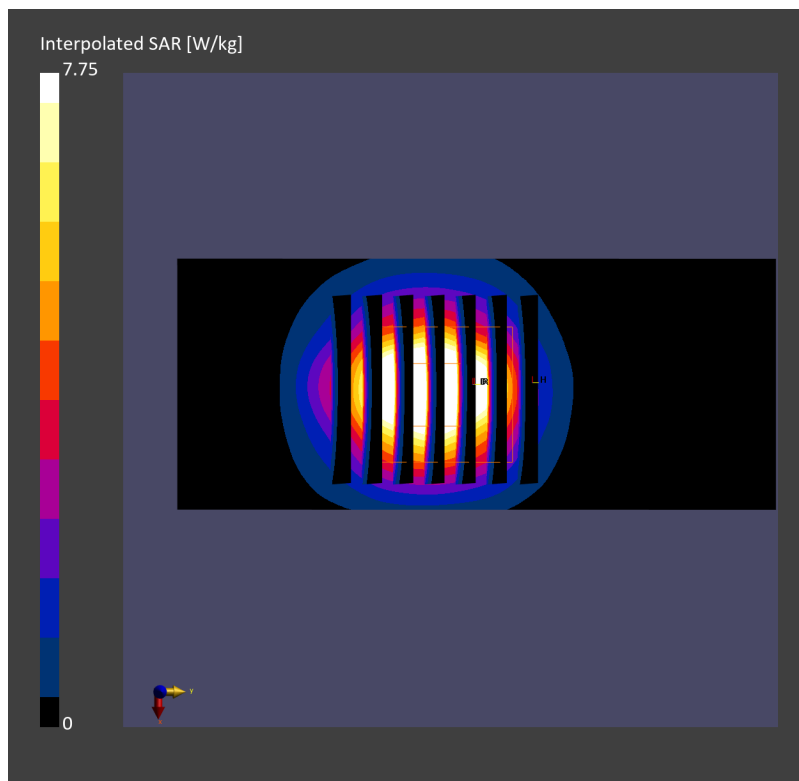
**Pin=50mW/Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 3.22 W/kg; SAR (8g) = 1.43 W/kg; SAR (10g) = 1.27 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 77.6 %



## System Check\_Head\_3500MHz

**DUT: D3500V2-1036**

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

Medium: HSL\_3500\_220926 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.996$  S/m;  $\epsilon_r = 38.487$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.11 W/kg

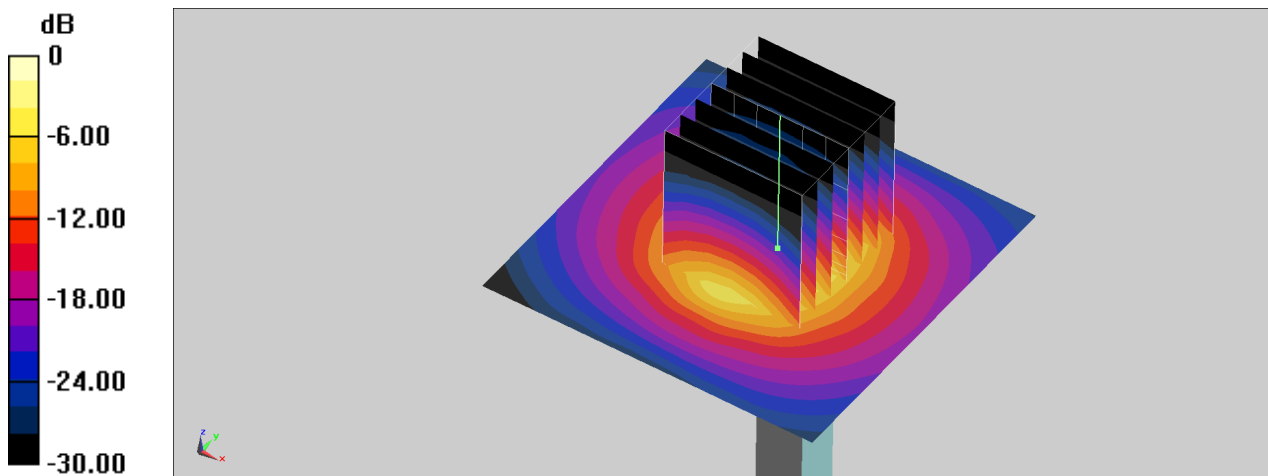
**Pin=50mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 46.87 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.46 W/kg

**SAR(1 g) = 3.11 W/kg; SAR(10 g) = 1.16 W/kg**

Maximum value of SAR (measured) = 6.31 W/kg



0 dB = 6.31 W/kg = 8.00 dBW/kg

## System Check\_Head\_3500MHz

**DUT: D3500V2-1036**

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

Medium: HSL\_3500\_220926 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.916$  S/m;  $\epsilon_r = 38.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.69 W/kg

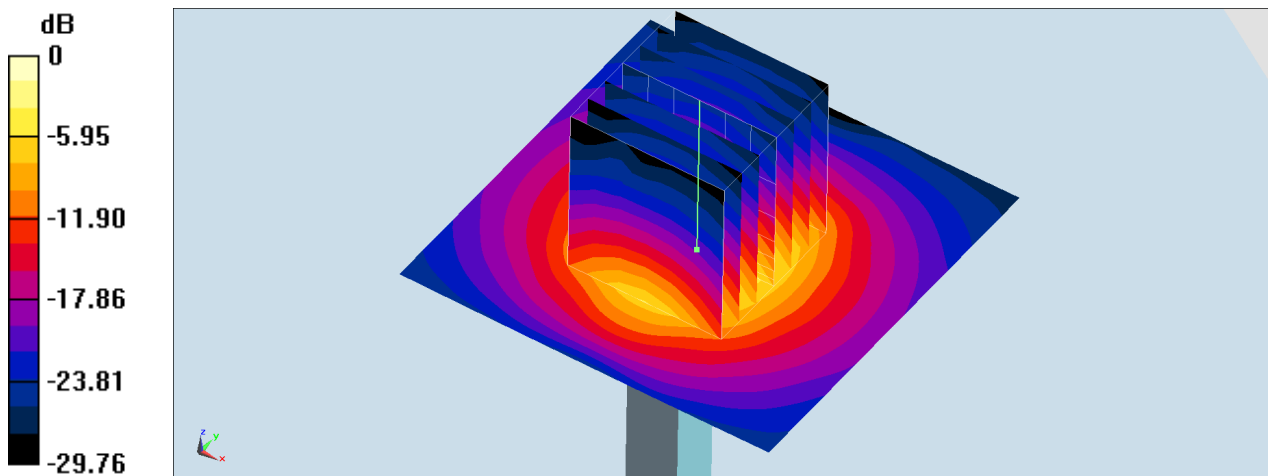
**Pin=50mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 49.83 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.61 W/kg

**SAR(1 g) = 3.43 W/kg; SAR(10 g) = 1.31 W/kg**

Maximum value of SAR (measured) = 6.52 W/kg



0 dB = 6.52 W/kg = 8.14 dBW/kg

## System Check\_Head\_3900MHz

**DUT: D3900V2-1017**

Communication System: CW; Frequency: 3900 MHz; Duty Cycle: 1:1

Medium: HSL\_3900\_220926 Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.428$  S/m;  $\epsilon_r = 38.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(6.85, 6.85, 6.85) @ 3900 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.78 W/kg

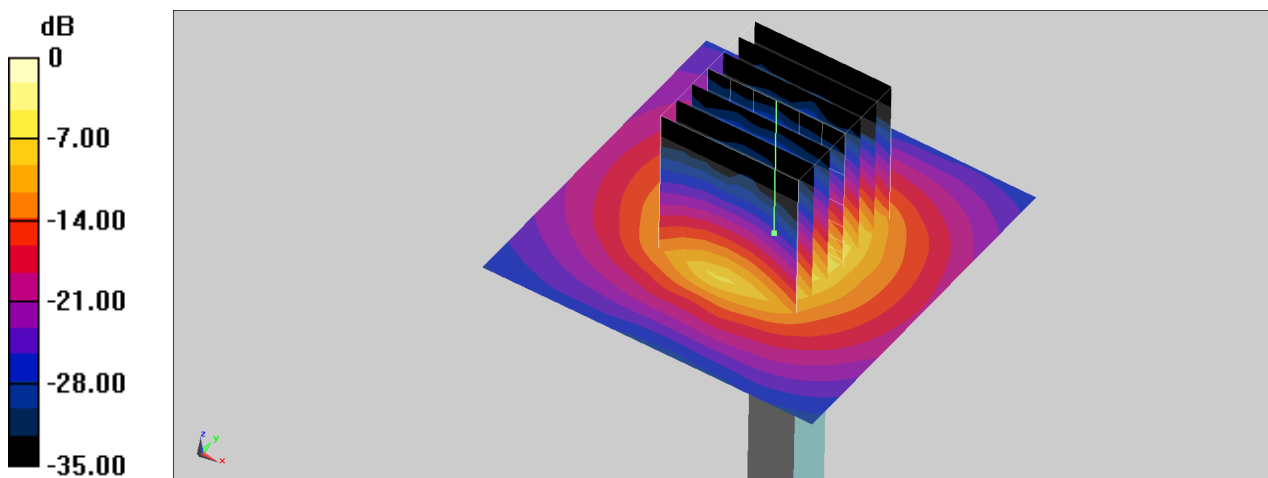
**Pin=50mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 47.95 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 9.20 W/kg

**SAR(1 g) = 3.33 W/kg; SAR(10 g) = 1.17 W/kg**

Maximum value of SAR (measured) = 6.92 W/kg



0 dB = 6.92 W/kg = 8.40 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1171

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_220928 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.66$  S/m;  $\epsilon_r = 36.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

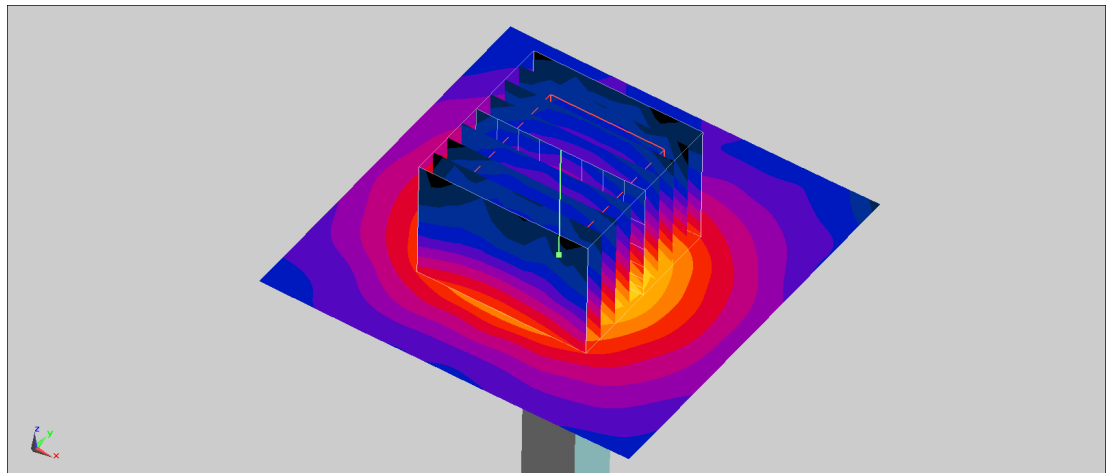
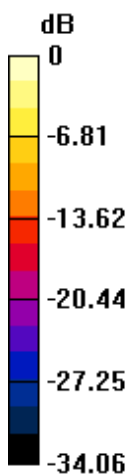
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.71, 5.71, 5.71) @ 5250 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 9.15 W/kg

**Pin=50mW/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 48.27 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 15.6 W/kg  
**SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.12 W/kg**  
Maximum value of SAR (measured) = 9.66 W/kg



0 dB = 9.66 W/kg = 9.85 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1171

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_220928 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.996$  S/m;  $\epsilon_r = 35.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.03, 5.03, 5.03) @ 5600 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.2 W/kg

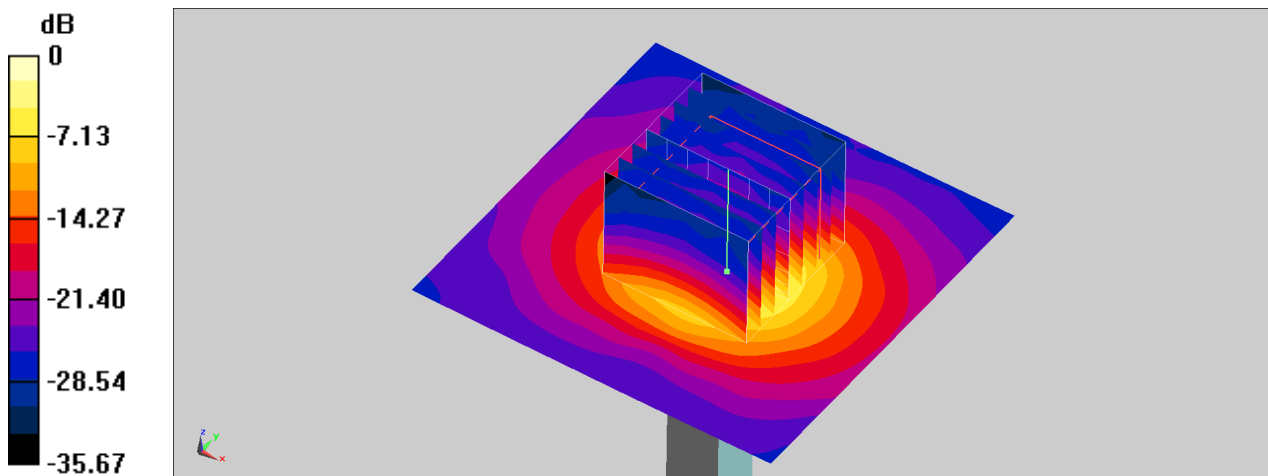
**Pin=50mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.10 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 4.02 W/kg; SAR(10 g) = 1.14 W/kg**

Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg



## System Check\_Head\_5750MHz

**DUT: D5GHzV2-1171**

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_220928 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.159$  S/m;  $\epsilon_r = 35.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

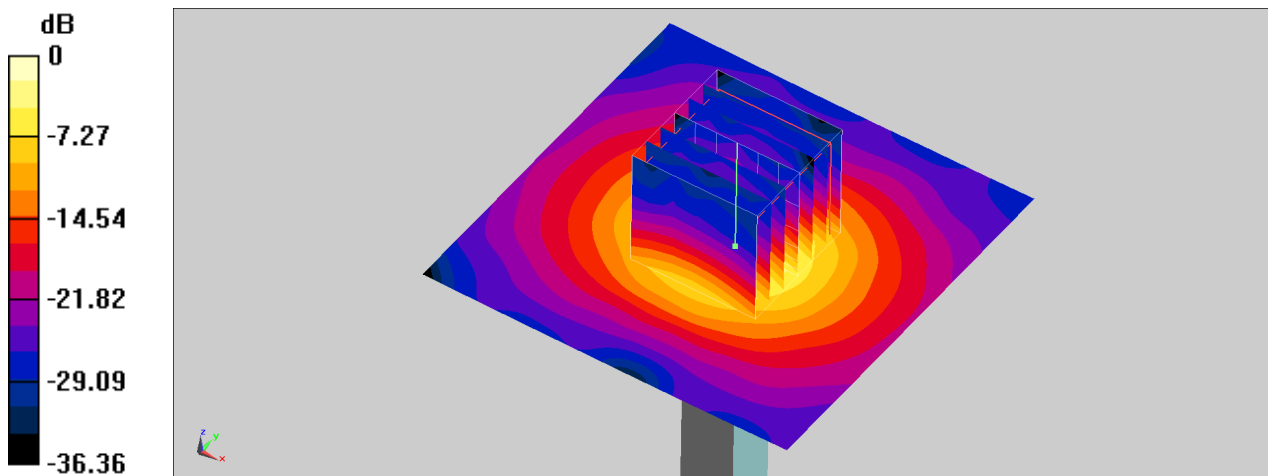
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.15, 5.15, 5.15) @ 5750 MHz; Calibrated: 2022/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2022/5/30
- Phantom: ELI V5.0; Type: QD OVA 002 Ax; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 9.86 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 48.38 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 17.7 W/kg  
**SAR(1 g) = 4 W/kg; SAR(10 g) = 1.14 W/kg**  
Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

## System Check\_Head\_6500MHz

### DUT:D6.5GHzV2-1003

Communication System: Validation band; Frequency: 6500.0 ; Duty Cycle: 1:1  
Medium: HSL\_6G\_220929 Medium parameters used:  $f = 6500.0$  MHz;  $\sigma = 6.00$  S/m;  $\epsilon_r = 34.4$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.4, 5.4, 5.4); Calibrated: 2022-04-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2022-05-30
- Phantom: ELI V5.0 (20deg probe tilt); Serial: xxxx; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: CW, 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Pin=50mW/Area Scan (51.0 mm x 51.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm  
SAR (1g) = 11.9 W/kg; SAR (10g) = 2.32 W/kg;

**Pin=50mW/Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm  
Power Drift = -0.06 dB  
SAR (1g) = 13.7 W/kg; SAR (8g) = 3.01 W/kg; SAR (10g) = 2.47 W/kg;  
psAPD (1.0cm<sup>2</sup>, sq) = 137 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 60.2 [W/m<sup>2</sup>]

