

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

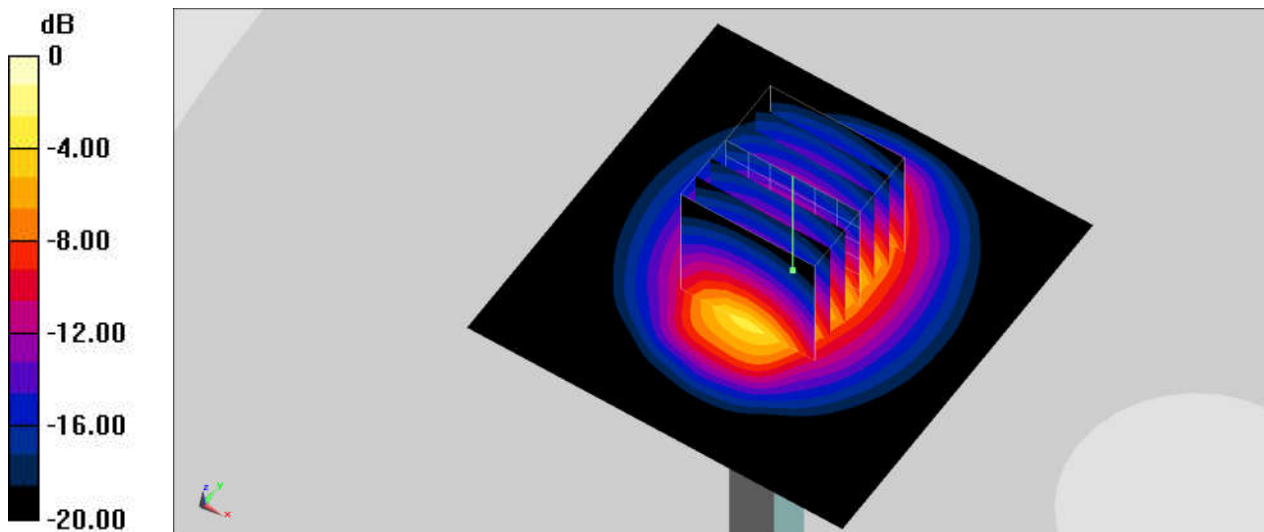
Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_220809 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.798$  S/m;  $\epsilon_r = 39.885$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

### 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 Sn376; Calibrated: 2021/11/22
- Phantom: Twin-SAM V5.0 (30deg probe tilt)\_Right; Type: QD 000 P40 CD; Serial: TP-1479
- Measurement SW: DASY52, Version52.10 (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) = 4.25 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 49.23 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 5.33 W/kg  
**SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.19 W/kg**  
Maximum value of SAR (measured) = 4.24 W/kg



0 dB = 4.24 W/kg = 6.27 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_220810 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.81$  S/m;  $\epsilon_r = 39.766$ ;  $\rho = 1000$  kg/m<sup>3</sup>

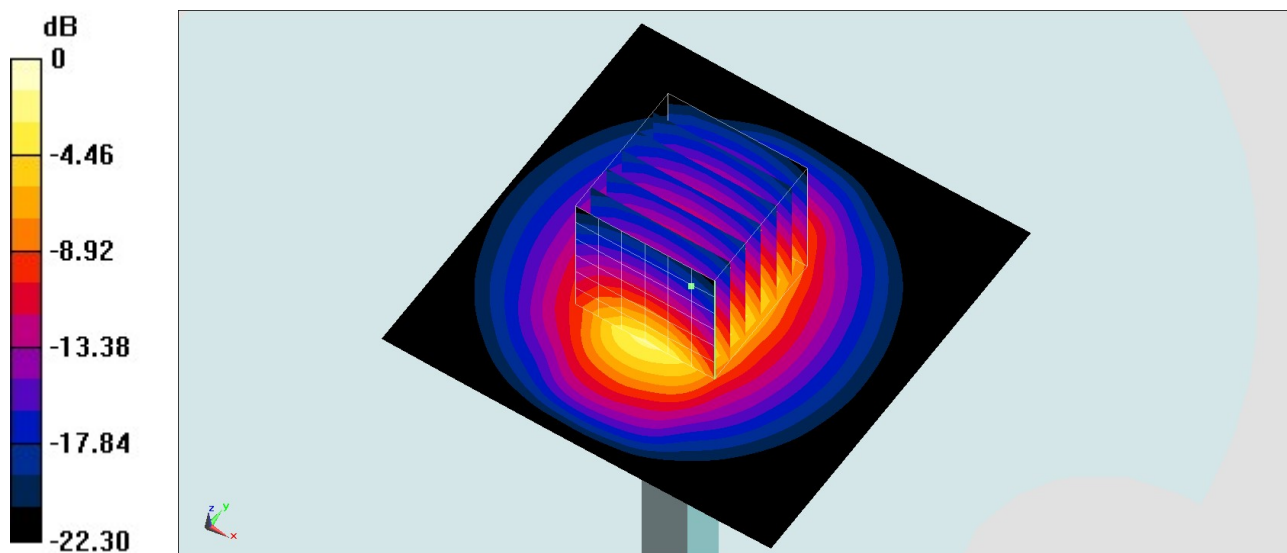
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### 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 Sn376; Calibrated: 2021/11/22
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version52.10 (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 = 50.58 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 5.37 W/kg  
**SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.17 W/kg**  
Maximum value of SAR (measured) = 4.26 W/kg



0 dB = 4.26 W/kg = 6.29 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_220811 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 39.764$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.54, 7.54, 7.54) @ 2450 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: Twin-SAM V5.0 (30deg probe tilt)\_Right; Type: QD 000 P40 CD; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.3 W/kg

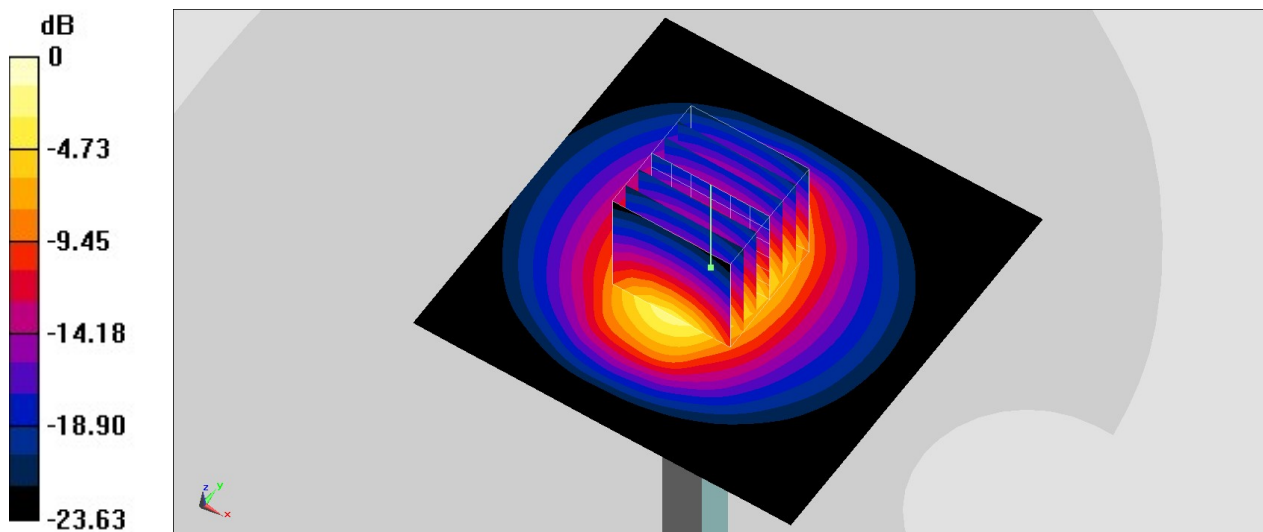
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.5 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 28.6 W/kg

**SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.26 W/kg**

Maximum value of SAR (measured) = 22.8 W/kg



0 dB = 22.8 W/kg = 13.58 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_220810 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.717$  S/m;  $\epsilon_r = 36.709$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.85 W/kg

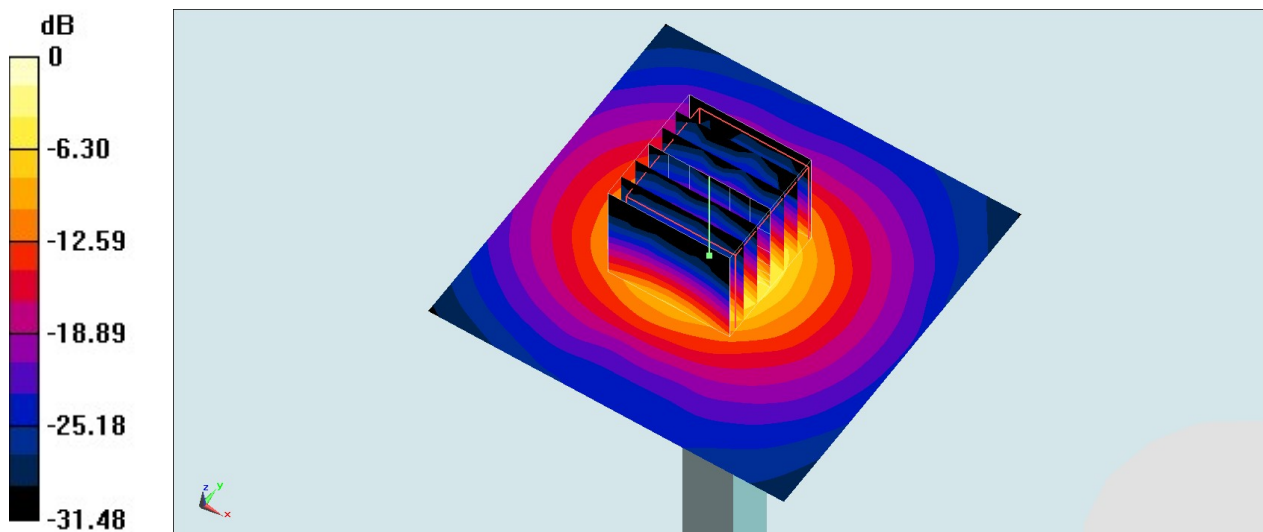
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.90 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.12 W/kg**

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_220813 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.771$  S/m;  $\epsilon_r = 36.616$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- 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 (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.96 W/kg

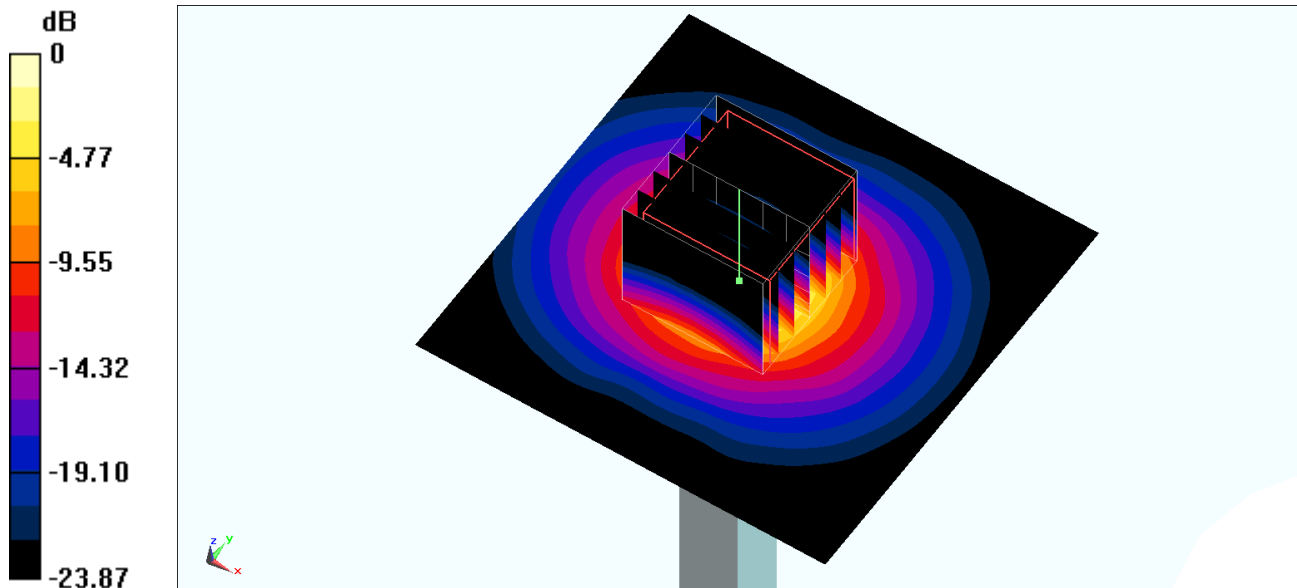
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 3.97 W/kg; SAR(10 g) = 1.13 W/kg**

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



0 dB = 10.2 W/kg = 10.09 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_220810 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.059$  S/m;  $\epsilon_r = 36.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66) @ 5600 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 10.3 W/kg

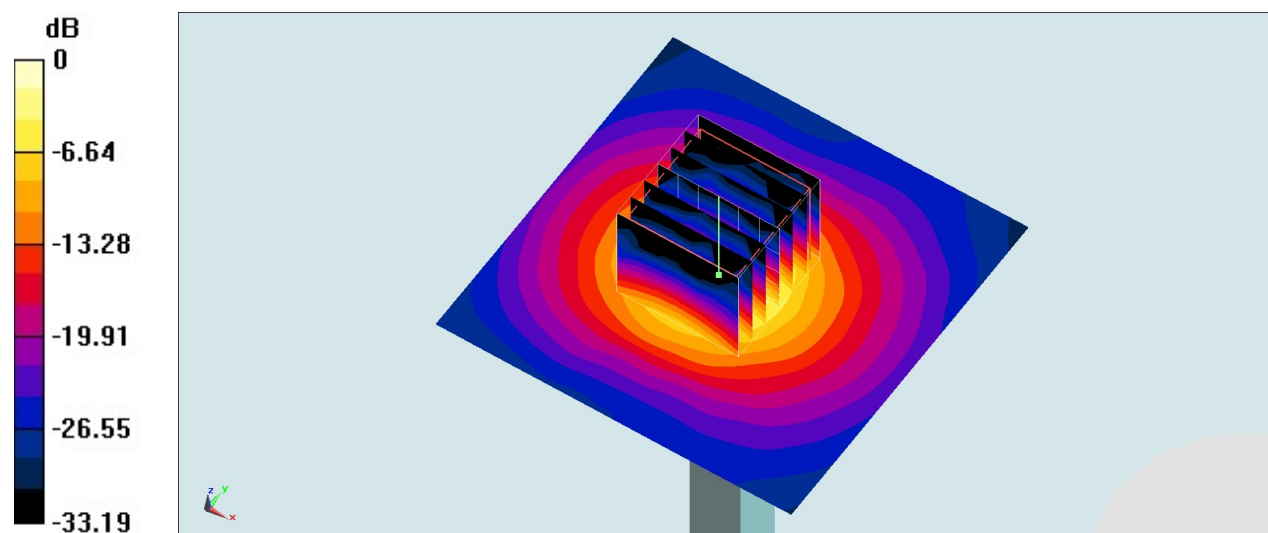
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.77 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 17.9 W/kg

**SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.15 W/kg**

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_220813 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.12$  S/m;  $\epsilon_r = 36.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66) @ 5600 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- 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 (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

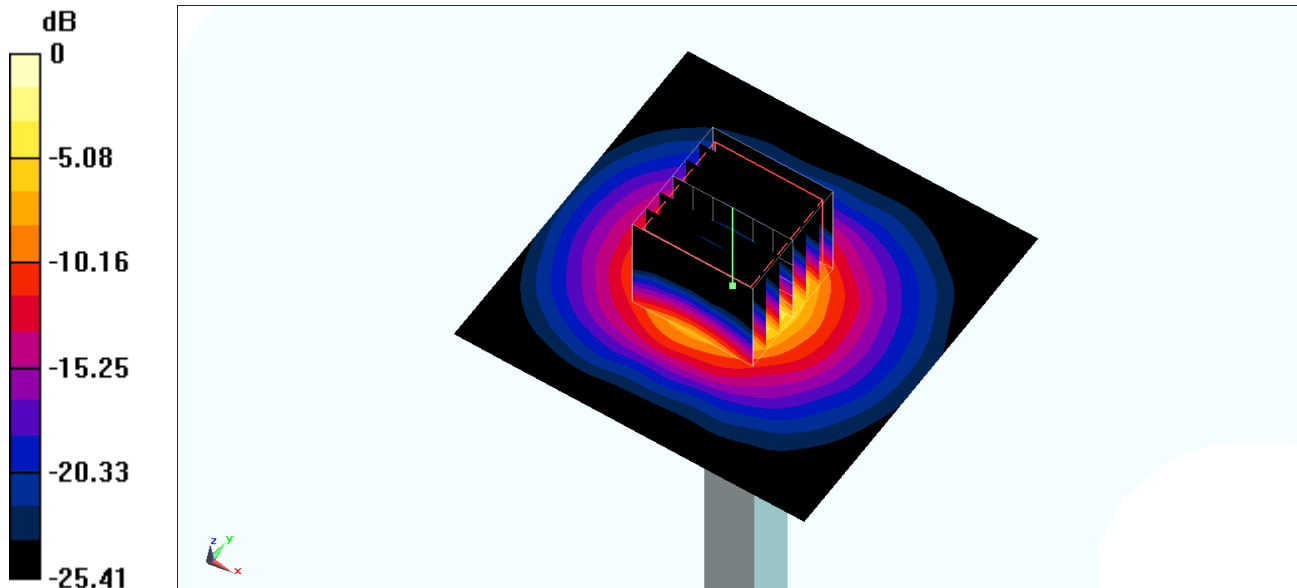
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.1 W/kg

**SAR(1 g) = 4.12 W/kg; SAR(10 g) = 1.16 W/kg**

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_220810 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.223$  S/m;  $\epsilon_r = 36.004$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.96, 4.96, 4.96) @ 5750 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 11.7 W/kg

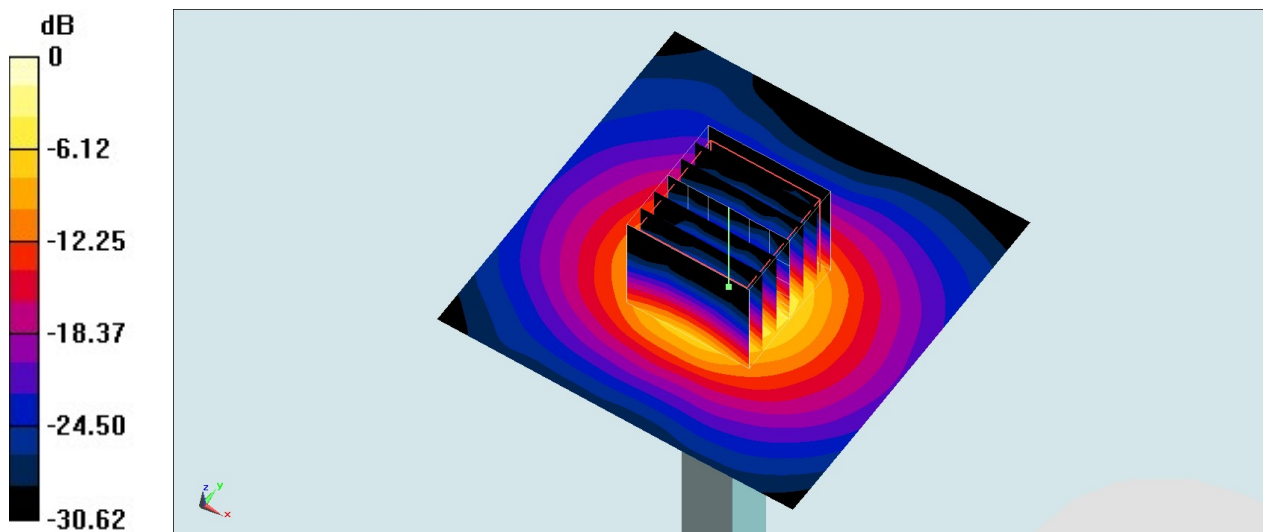
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.66 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 19.9 W/kg

**SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.09 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg



## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_220814 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.297$  S/m;  $\epsilon_r = 35.895$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.96, 4.96, 4.96) @ 5750 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2022/7/20
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

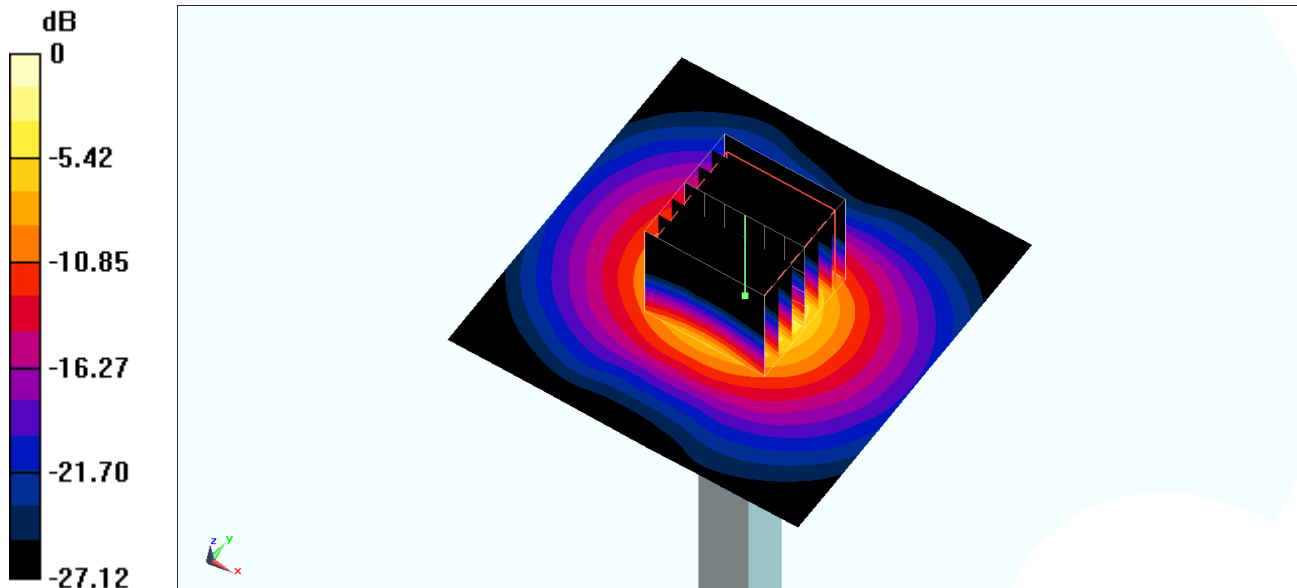
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 36.8 W/kg

**SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.38 W/kg**

Maximum value of SAR (measured) = 21.7 W/kg



0 dB = 21.7 W/kg = 13.36 dBW/kg

## System Check\_Head\_6500MHz

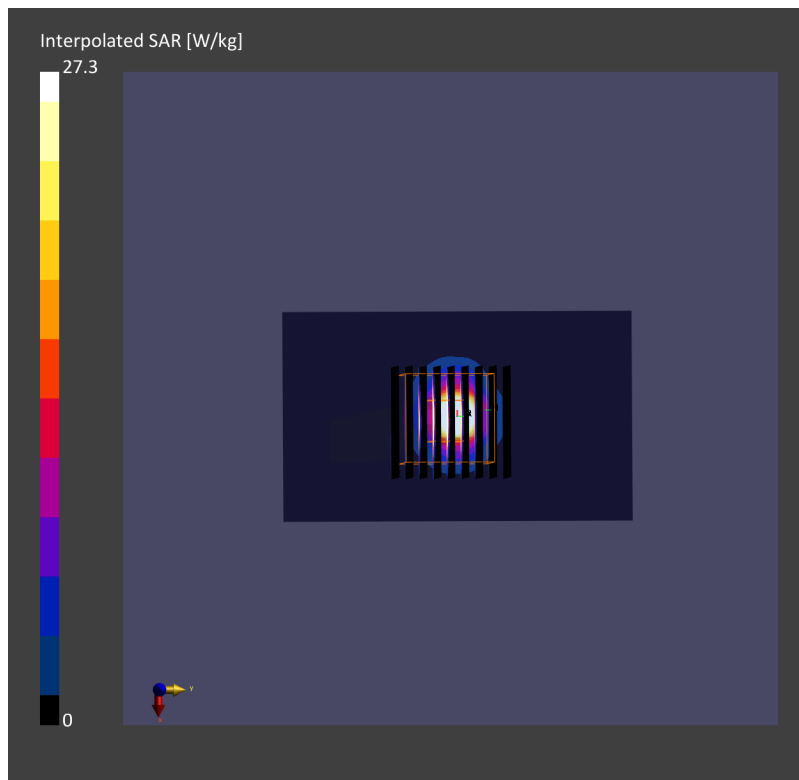
Communication System: CW; Frequency: 6500.0 ; Duty Cycle: 1:1  
Medium: HSL\_6G\_220825 Medium parameters used:  $f = 6500.0$  MHz;  $\sigma = 6.15$  S/m;  $\epsilon_r = 35.7$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

### DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: , 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm  
SAR (1g) = 25.0 W/kg; SAR (10g) = 4.86 W/kg;

**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 = -0.17 dB  
SAR (1g) = 27.3 W/kg; SAR (8g) = 6.29 W/kg; SAR (10g) = 5.19 W/kg;  
psAPD (1.0cm<sup>2</sup>, sq) = 273 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 126 [W/m<sup>2</sup>]



## System Check\_Head\_6500MHz

Communication System: CW ; Frequency: 6500.0 ; Duty Cycle: 1:1

Medium: HSL\_6G\_220826 Medium parameters used:  $f = 6500.0$  MHz;  $\sigma = 6.11$  S/m;  $\epsilon_r = 34.13$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(5.0, 5.0, 5.0); Calibrated: 2022-04-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2022-01-26
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Serial: 1884; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: , 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

**Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 20.6 W/kg; SAR (10g) = 4.67 W/kg;

**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 = 0.05 dB

SAR (1g) = 29.3 W/kg; SAR (8g) = 6.46 W/kg; SAR (10g) = 5.26 W/kg;

psAPD (1.0cm<sup>2</sup>, sq) = 293 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 129[W/m<sup>2</sup>]

