

**System Check\_Head\_2450MHz****DUT: D2450V2-806**

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

Medium: HSL\_2450\_221214 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.791$  S/m;  $\epsilon_r = 39.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

## DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.68, 7.68, 7.68) @ 2450 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- 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) = 3.99 W/kg

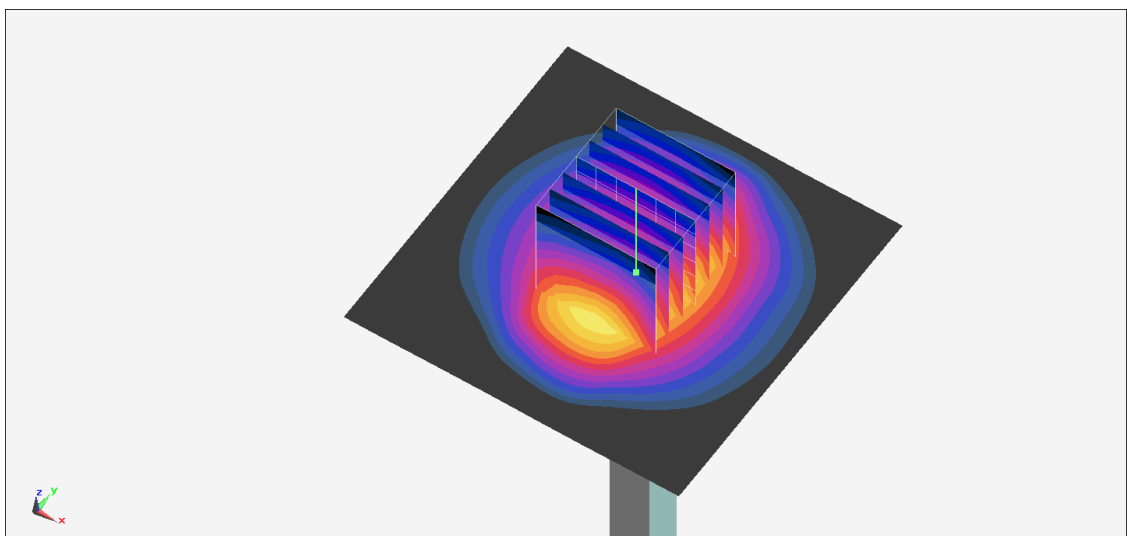
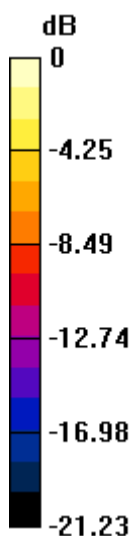
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.20 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.85 W/kg

**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.18 W/kg**

Maximum value of SAR (measured) = 3.99 W/kg



0 dB = 3.99 W/kg = 6.01 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_221215 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.694$  S/m;  $\epsilon_r = 36.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(5.21, 5.21, 5.21) @ 5250 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- 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

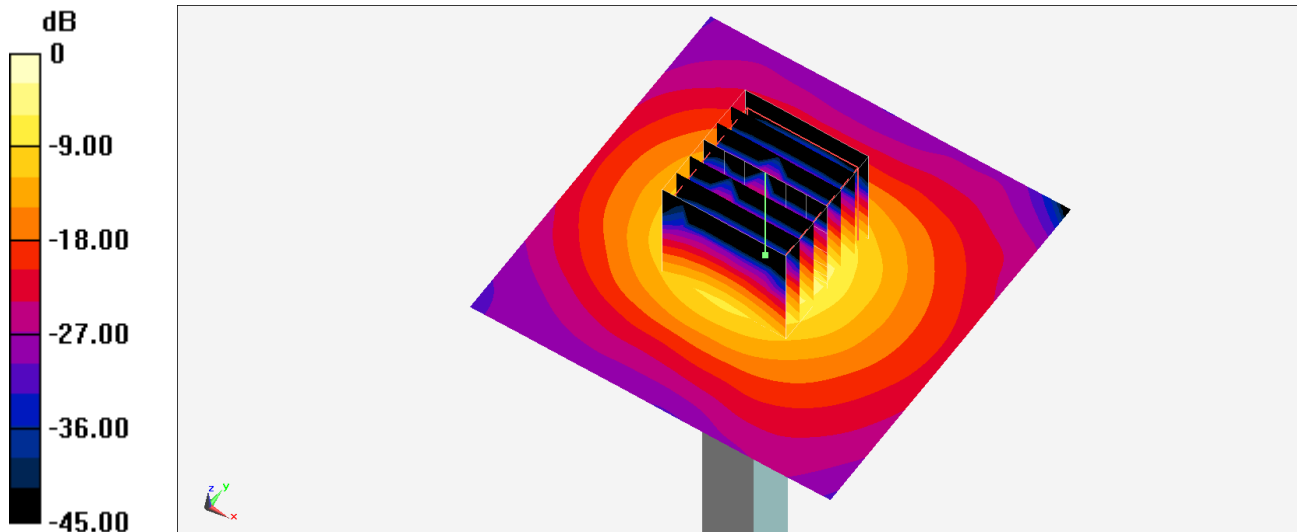
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.77 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.4 W/kg

**SAR(1 g) = 3.96 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\_221215 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.038$  S/m;  $\epsilon_r = 36.062$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.59, 4.59, 4.59) @ 5600 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- 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) = 11.4 W/kg

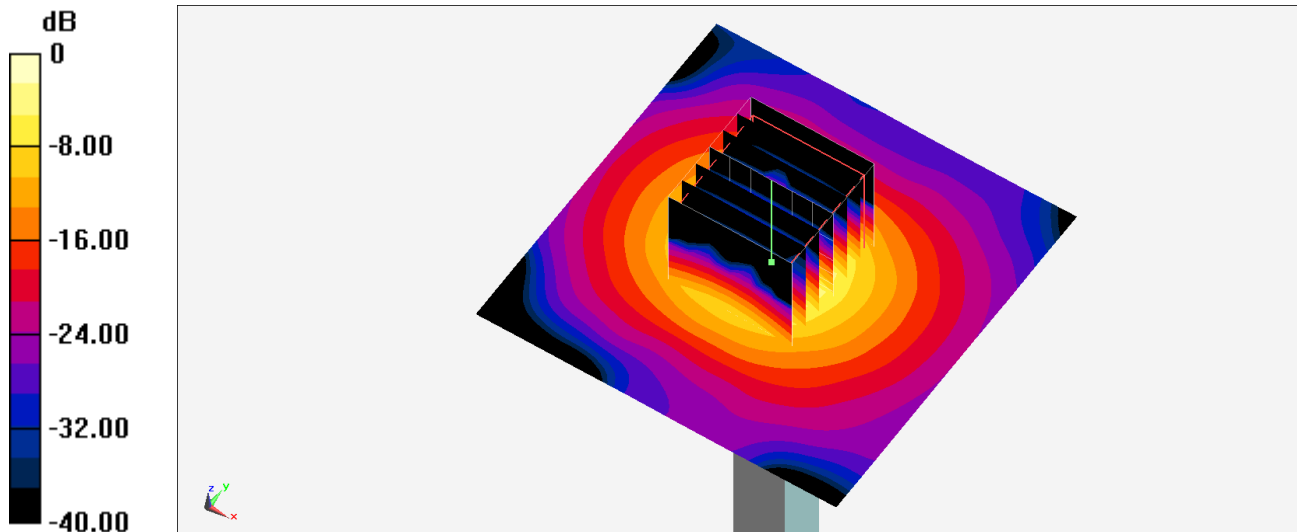
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.04 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(1 g) = 4.14 W/kg; SAR(10 g) = 1.15 W/kg**

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_221215 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.213$  S/m;  $\epsilon_r = 35.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(4.8, 4.8, 4.8) @ 5750 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2022/5/17
- Phantom: ELI v4.0\_Mid; Type: QDOVA001AA; Serial: TP:1026
- 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

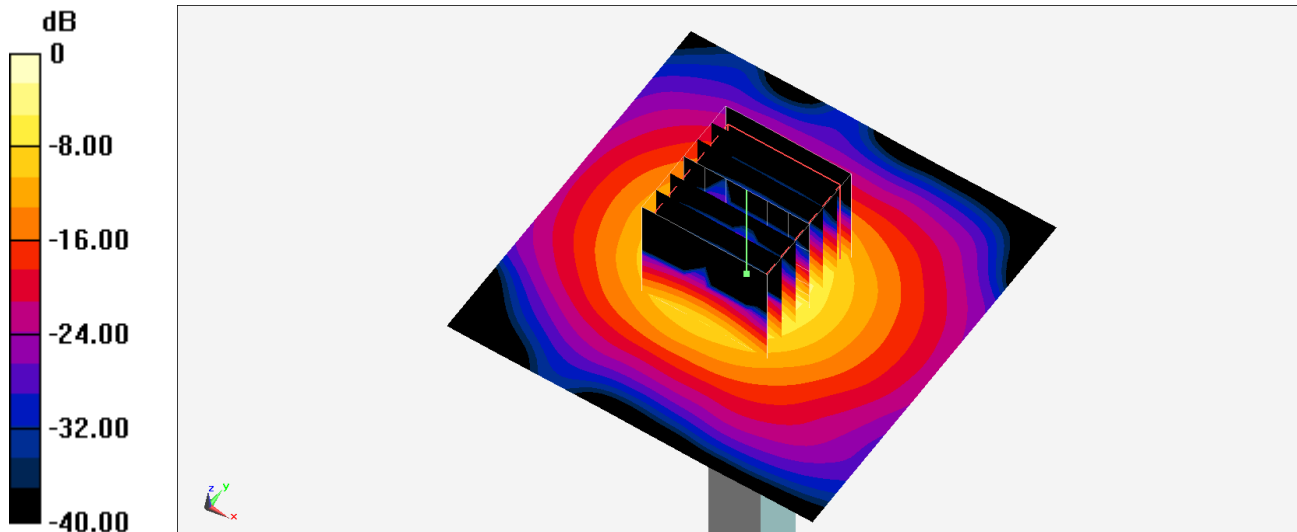
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.61 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.04 W/kg**

Maximum value of SAR (measured) = 9.92 W/kg



0 dB = 9.92 W/kg = 9.97 dBW/kg

## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1003

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

Medium: HSL\_6G\_221215 Medium parameters used:  $f = 6500.0$  MHz;  $\sigma = 6.07$  S/m;  $\epsilon_r = 35.3$

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 Sn854; Calibrated: 2022-08-24
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: , 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 21.8 W/kg; SAR (10g) = 4.84 W/kg;

**Pin=20.0dBm/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 = -0.07 dB

SAR (1g) = 28.1 W/kg; SAR (8g) = 6.31 W/kg; SAR (10g) = 5.27 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.7 %

psAPD (1.0cm<sup>2</sup>, sq) = 281 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 127 [W/m<sup>2</sup>]

