

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_231017 Medium parameters used:  $f=2450.000$  MHz;  $\sigma=1.81$  S/m;  $\epsilon_r=39.3$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(6.6, 7.35, 6.64); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1794; Calibrated: 2023-02-01
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.52 W/kg; SAR (10g) = 1.17 W/kg;

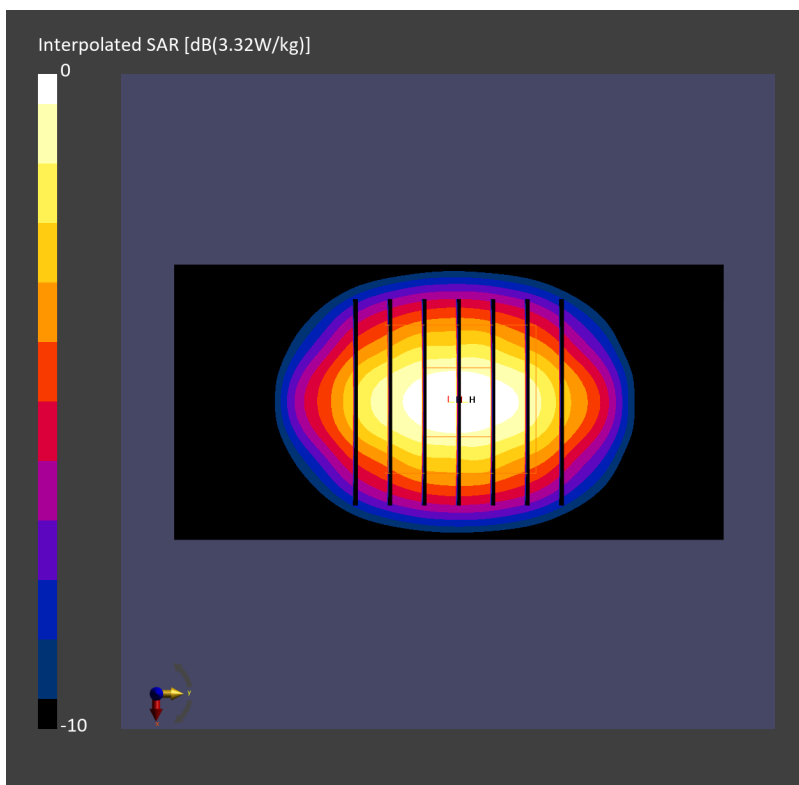
**Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 2.52 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.17 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 79.0 %



## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_231018 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.786$  S/m;  $\epsilon_r = 38.995$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.72, 4.72, 4.72) @ 2450 MHz; Calibrated: 2023/9/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2023/2/21
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 3.47 W/kg

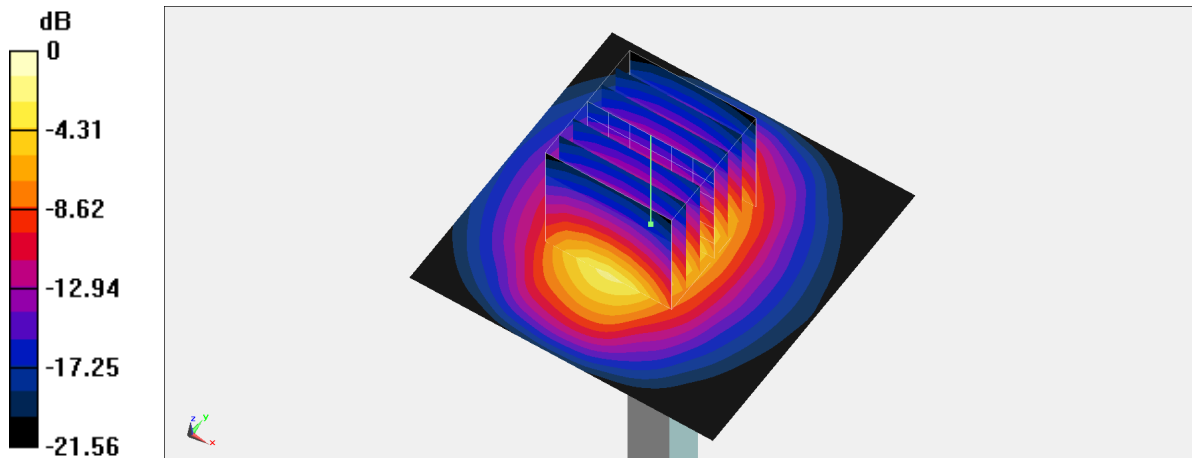
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.36 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.24 W/kg

**SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.21 W/kg**

Maximum value of SAR (measured) = 3.41 W/kg



0 dB = 3.47 W/kg = 5.41 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-806

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

Medium: HSL\_2450\_231019 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 39.747$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.92, 7.92, 7.92) @ 2450 MHz; Calibrated: 2023/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- 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 (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.83 W/kg

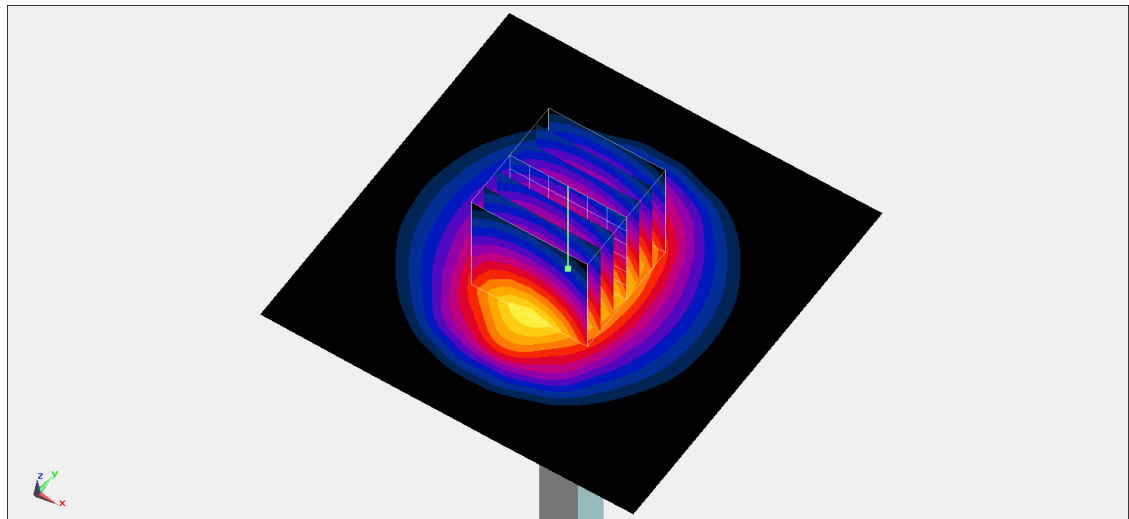
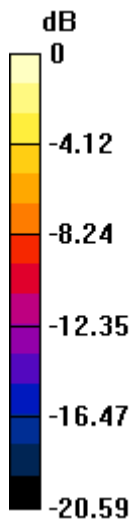
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.13 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.63 W/kg

**SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.14 W/kg**

Maximum value of SAR (measured) = 3.86 W/kg



0 dB = 3.83 W/kg = 5.83 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_231206 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.759$  S/m;  $\epsilon_r = 39.001$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7813; ConvF(7.12, 7.44, 7.23) @ 2450 MHz; Calibrated: 2023/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 4.17 W/kg

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

Reference Value = 50.47 V/m; Power Drift = -0.02 dB

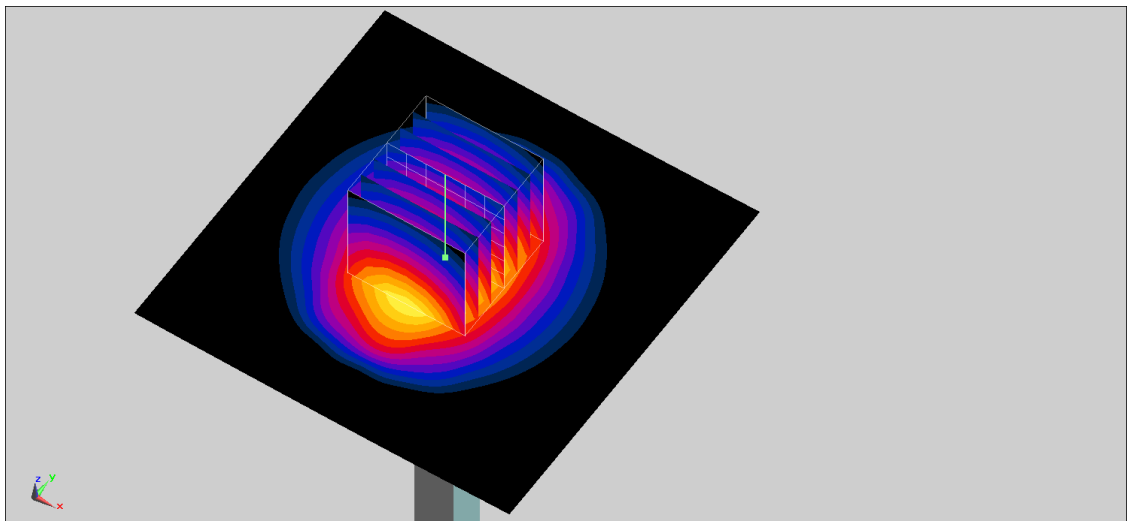
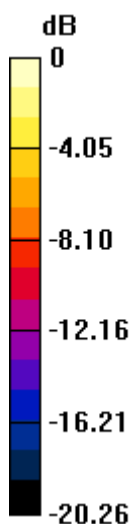
Peak SAR (extrapolated) = 4.98 W/kg

**SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.25 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 4.16 W/kg



0 dB = 4.16 W/kg = 6.19 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_231214 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.764$  S/m;  $\epsilon_r = 38.624$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7813; ConvF(7.12, 7.44, 7.23) @ 2450 MHz; Calibrated: 2023/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 4.18 W/kg

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

Reference Value = 50.47 V/m; Power Drift = -0.02 dB

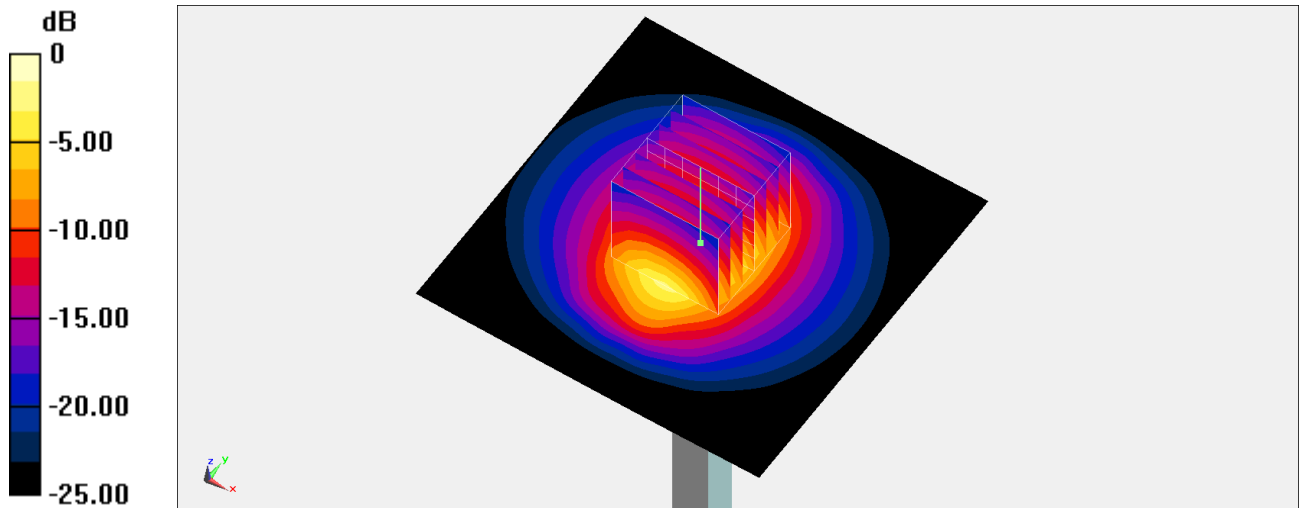
Peak SAR (extrapolated) = 4.99 W/kg

**SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.25 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 4.17 W/kg



0 dB = 4.17 W/kg = 6.20 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5250.000$  MHz;  $\sigma = 4.67$  S/m;  $\epsilon_r = 36.9$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.93, 5.47, 4.85); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1794; Calibrated: 2023-02-01
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.62 W/kg; SAR (10g) = 1.04 W/kg;

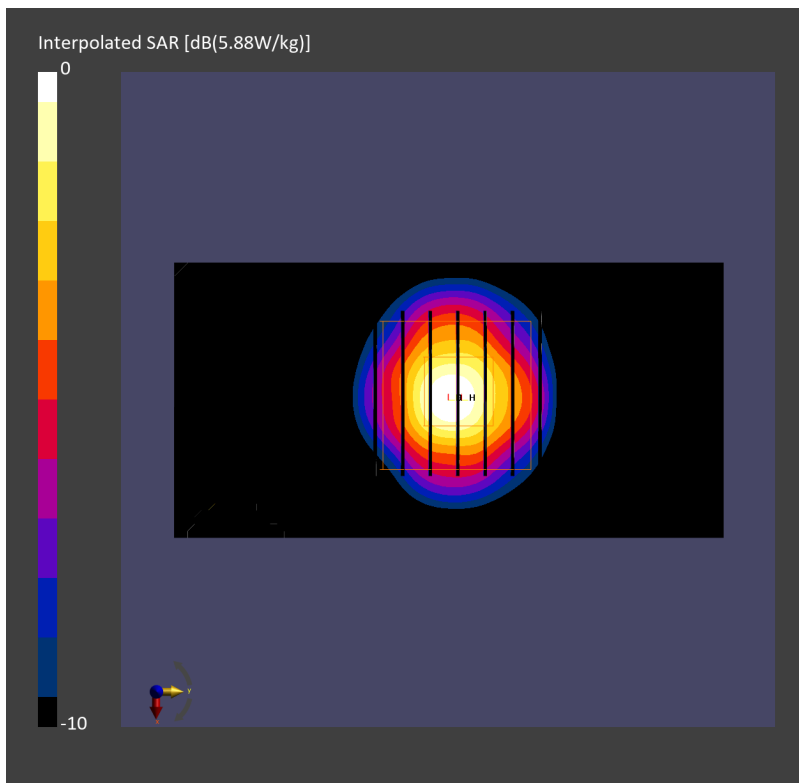
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 3.91 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.12 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.8 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1128

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

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.707$  S/m;  $\epsilon_r = 35.818$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2023/1/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- 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 (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.93 W/kg

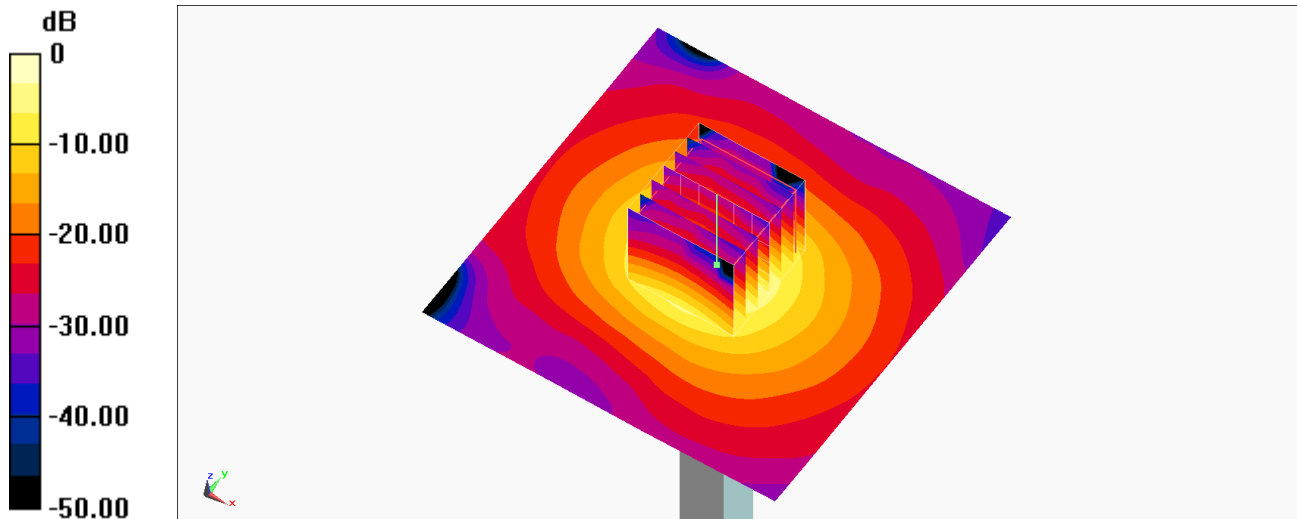
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.60 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.9 W/kg

**SAR(1 g) = 3.63 W/kg; SAR(10 g) = 1.05 W/kg**

Maximum value of SAR (measured) = 9.00 W/kg



0 dB = 9.00 W/kg = 9.54 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1128

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

Medium: HSL\_5G\_231103 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.723$  S/m;  $\epsilon_r =$

$35.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 18.6 W/kg

**Pin=100mW/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.23 V/m; Power Drift = 0.01 dB

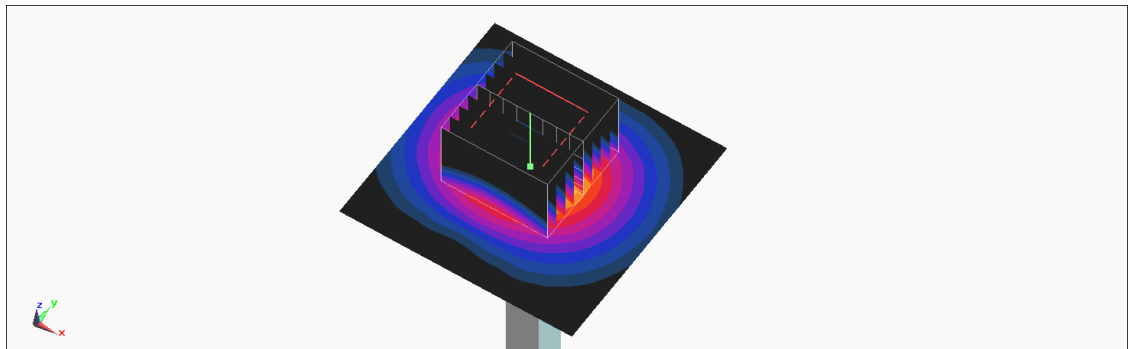
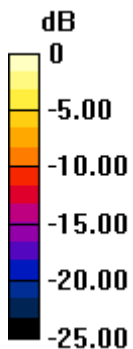
Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 7.74 W/kg; SAR(10 g) = 2.2 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.1%

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg



## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_231214 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.729$  S/m;  $\epsilon_r =$

$36.536$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7813; ConvF(5.45, 5.73, 5.49) @ 5250 MHz; Calibrated: 2023/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- 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 (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 50.76 V/m; Power Drift = 0.06 dB

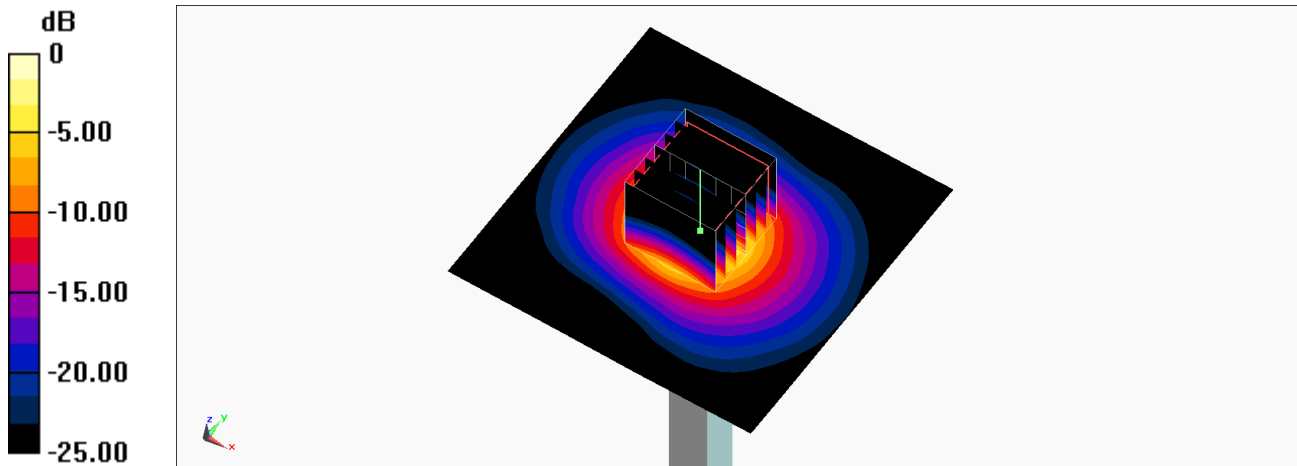
Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 3.75 W/kg; SAR(10 g) = 1.06 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 64%

Maximum value of SAR (measured) = 9.18 W/kg



0 dB = 9.18 W/kg = 9.63 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 5.05$  S/m;  $\epsilon_r = 36.4$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.35, 4.72, 4.41); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1794; Calibrated: 2023-02-01
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.95 W/kg; SAR (10g) = 1.13 W/kg;

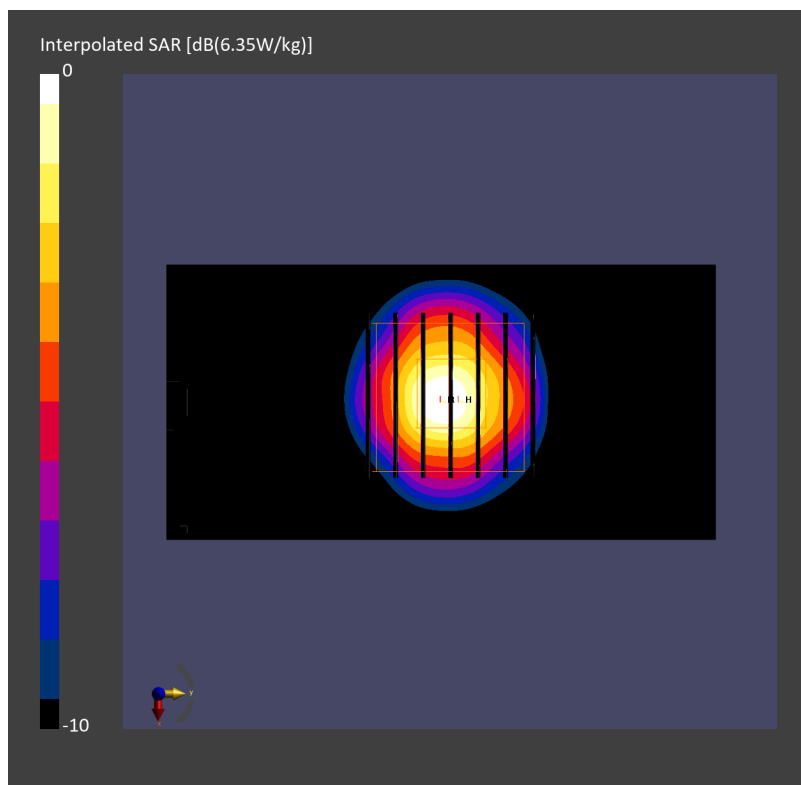
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 4.28 W/kg; SAR (8g) = 1.41 W/kg; SAR (10g) = 1.22 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.8 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1128

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

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.034$  S/m;  $\epsilon_r = 35.304$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.88, 4.88, 4.88) @ 5600 MHz; Calibrated: 2023/1/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- 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 (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.0 W/kg

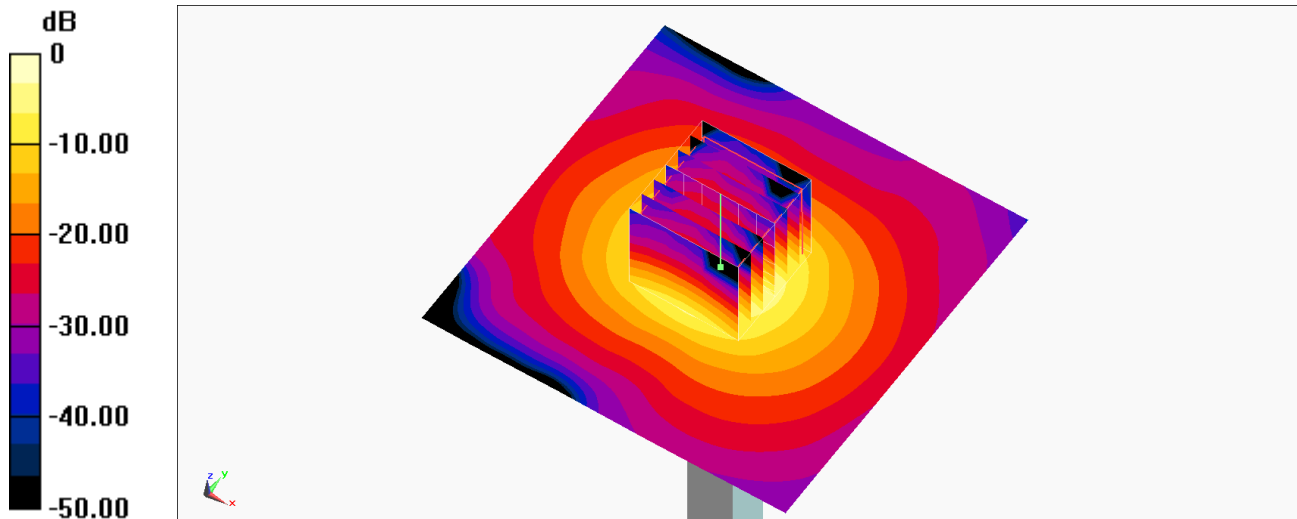
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.57 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 3.96 W/kg; SAR(10 g) = 1.12 W/kg**

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



0 dB = 10.0 W/kg = 10.00 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_231214 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.101$  S/m;  $\epsilon_r = 36.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7813; ConvF(4.75, 4.99, 4.76) @ 5600 MHz; Calibrated: 2023/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- 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 (81x81x1):** 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 = 50.22 V/m; Power Drift = -0.07 dB

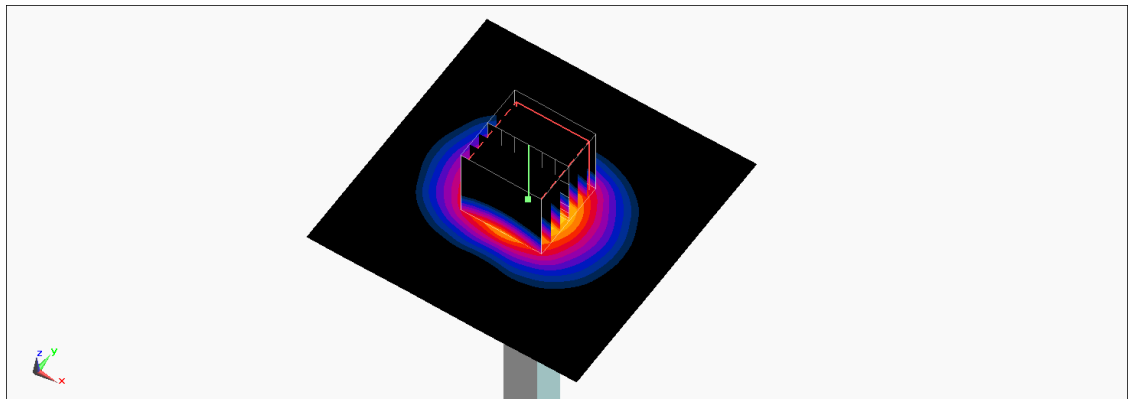
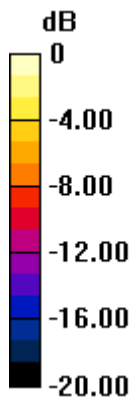
Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.14 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.8%

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 - SN1128

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.19$  S/m;  $\epsilon_r = 36.2$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7791; ConvF(4.44, 4.92, 4.4); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1794; Calibrated: 2023-02-01
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.58 W/kg; SAR (10g) = 1.02 W/kg;

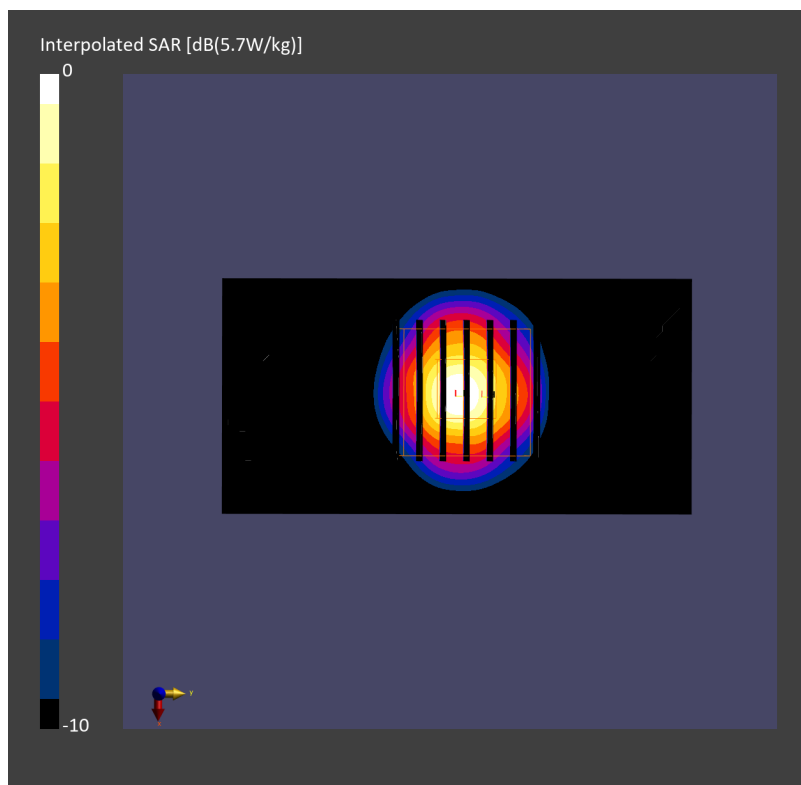
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 3.89 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.4 %



## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1128

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

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.207$  S/m;  $\epsilon_r = 35.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2023/1/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- 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 (81x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

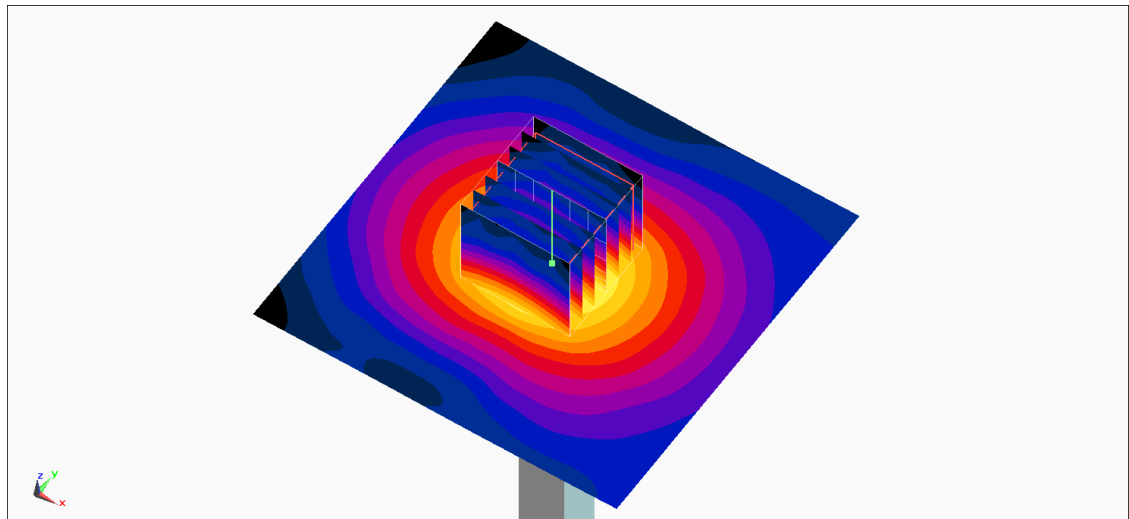
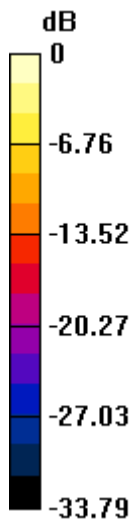
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.63 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 16.0 W/kg

**SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.09 W/kg**

Maximum value of SAR (measured) = 9.62 W/kg



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

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_231214 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.267$  S/m;  $\epsilon_r = 35.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7813; ConvF(4.96, 5.2, 5) @ 5750 MHz; Calibrated: 2023/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2023/2/22
- 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 (81x81x1):** 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 = 47.65 V/m; Power Drift = 0.01 dB

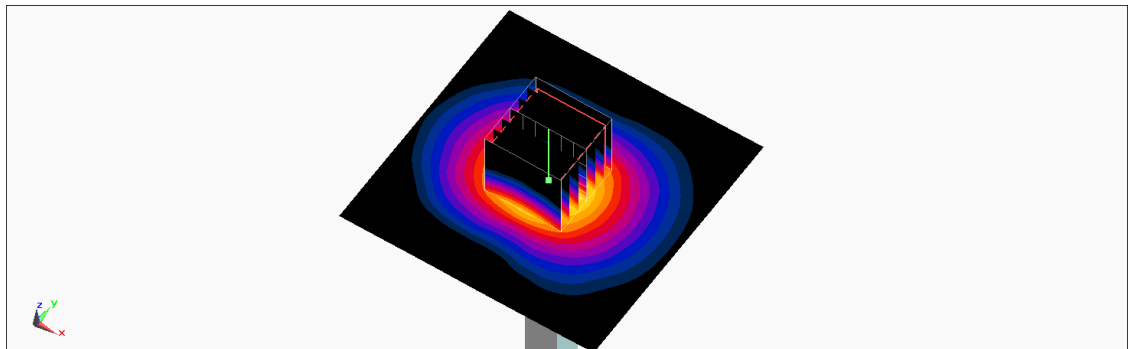
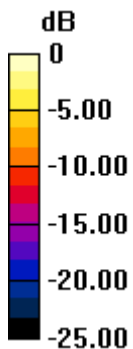
Peak SAR (extrapolated) = 16.9 W/kg

**SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.09 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 9.69 W/kg



0 dB = 9.69 W/kg = 9.86 dBW/kg

## System Check\_Head\_5850MHz

### DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5850 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231018 Medium parameters used:  $f = 5850$  MHz;  $\sigma = 5.306$  S/m;  $\epsilon_r = 34.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95) @ 5850 MHz; Calibrated: 2023/1/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2023/1/9
- 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=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.87 W/kg

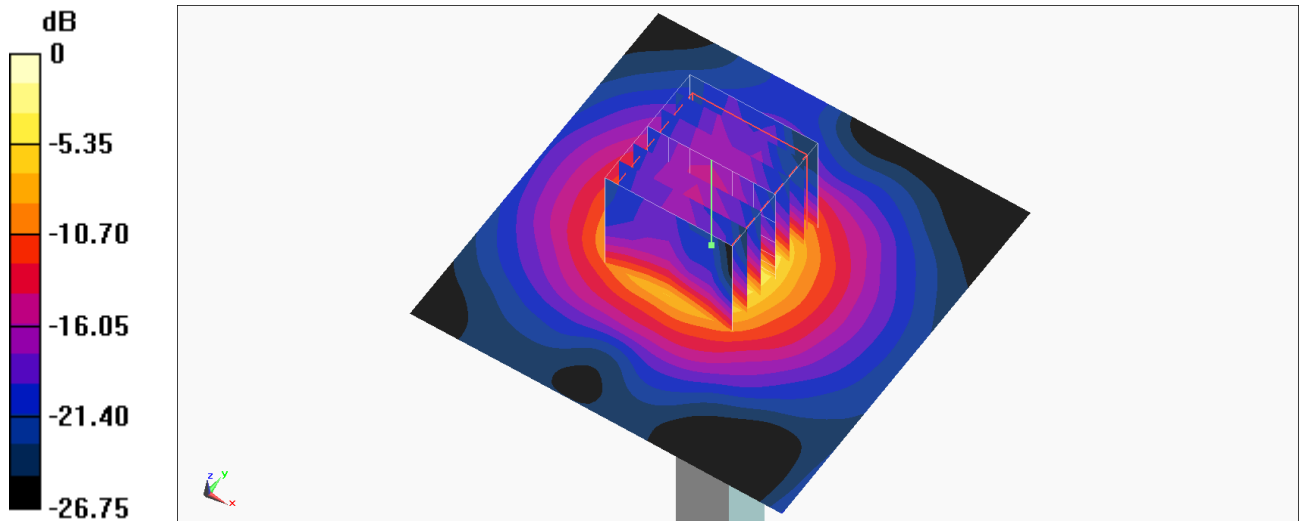
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.35 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.19 W/kg**

Maximum value of SAR (measured) = 9.87 W/kg



0 dB = 9.87 W/kg = 9.94 dBW/kg



## System Check\_Head\_5850MHz

### DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_231218 Medium parameters used:  $f = 5850.000$  MHz;  $\sigma = 5.38$  S/m;  $\epsilon_r = 35.7$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.72, 4.72, 4.72); Calibrated: 2023-03-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227\_0mm; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.14 W/kg; SAR (10g) = 2.03 W/kg;

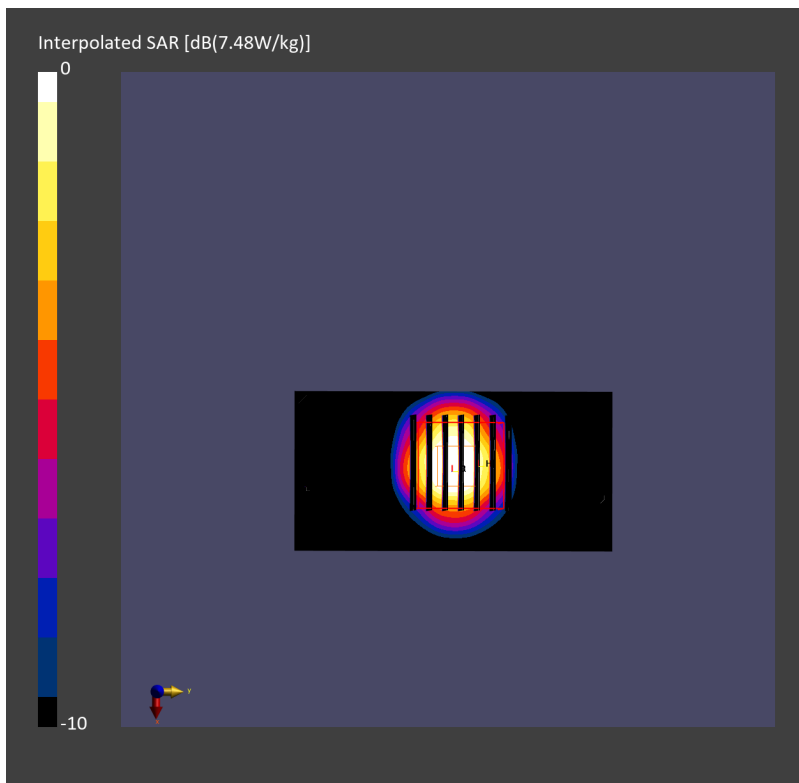
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 7.48 W/kg; SAR (8g) = 2.44 W/kg; SAR (10g) = 2.09 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.0 %



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2-1083

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1

Medium: HSL\_6G\_231020 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.21$  S/m;  $\epsilon_r = 34.8$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2023-01-23
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 26.9 W/kg; SAR (10g) = 5.29 W/kg;

**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

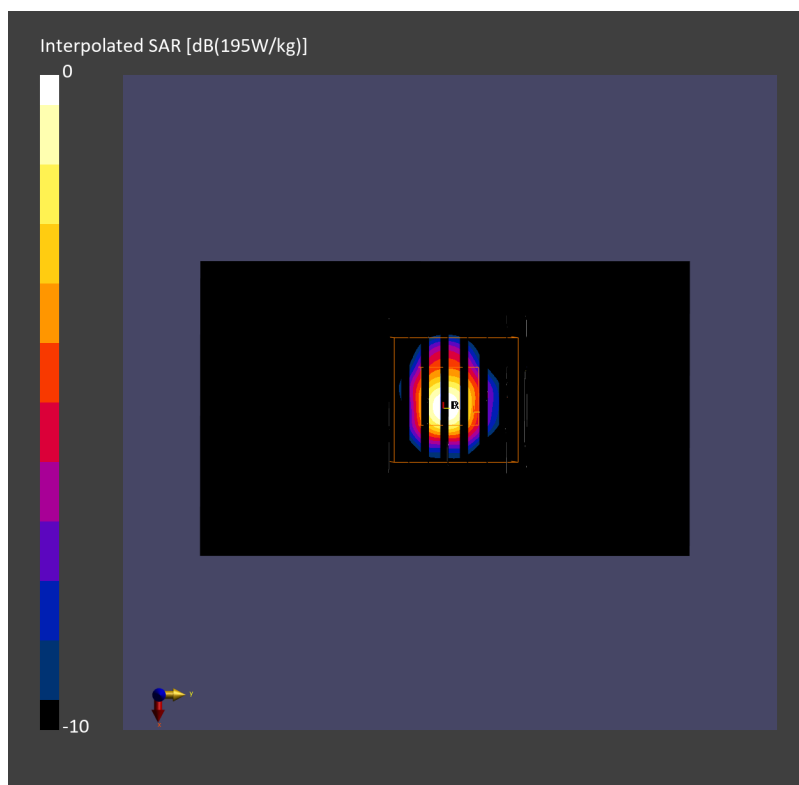
Power Drift = -0.09 dB

SAR (1g) = 31.5 W/kg; SAR (8g) = 7.10 W/kg; SAR (10g) = 5.84 W/kg

Smallest distance from peaks to all points 3 dB below = 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 50.6 %

psAPD (1.0cm<sup>2</sup>, sq) = 315 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 142 [W/m<sup>2</sup>]



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1

Medium: HSL\_6G\_231218 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.18$  S/m;  $\epsilon_r = 34.1$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7813; ConvF(5.15, 5.39, 5.13); Calibrated: 2023-05-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2023-02-22
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 23.2 W/kg; SAR (10g) = 4.96 W/kg;

**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 27.5 W/kg; SAR (8g) = 6.19 W/kg; SAR (10g) = 5.09 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.1 %

psAPD (1.0cm<sup>2</sup>, sq) = 275 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 124 [W/m<sup>2</sup>]

