

## System Check\_Head\_3900MHz

### DUT: D3900V2-1017

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

Medium: HSL\_3900\_240326 Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.376$  S/m;  $\epsilon_r = 37.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(6.88, 7.01, 7.55) @ 3900 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 14.8 W/kg

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

Reference Value = 69.75 V/m; Power Drift = 0.05 dB

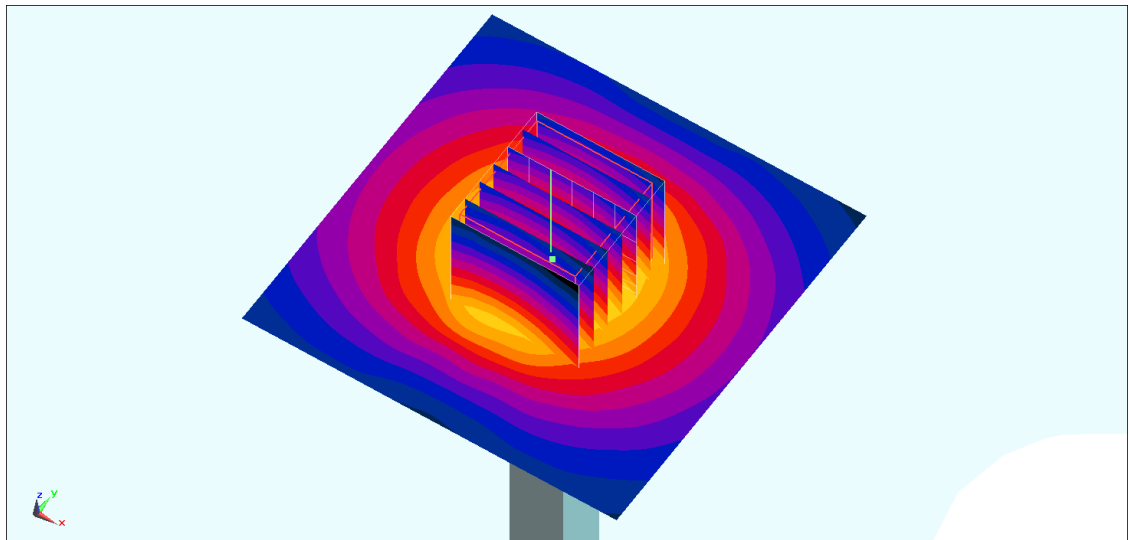
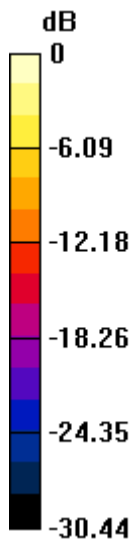
Peak SAR (extrapolated) = 20.8 W/kg

**SAR(1 g) = 7.32 W/kg; SAR(10 g) = 2.48 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 73.9%

Maximum value of SAR (measured) = 14.8 W/kg



## System Check\_Head\_3900MHz

### DUT: D3900V2-1017

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

Medium: HSL\_3900\_240328 Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.395$  S/m;  $\epsilon_r = 37.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(6.88, 7.01, 7.55) @ 3900 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 6.59 W/kg

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

Reference Value = 42.40 V/m; Power Drift = 0.03 dB

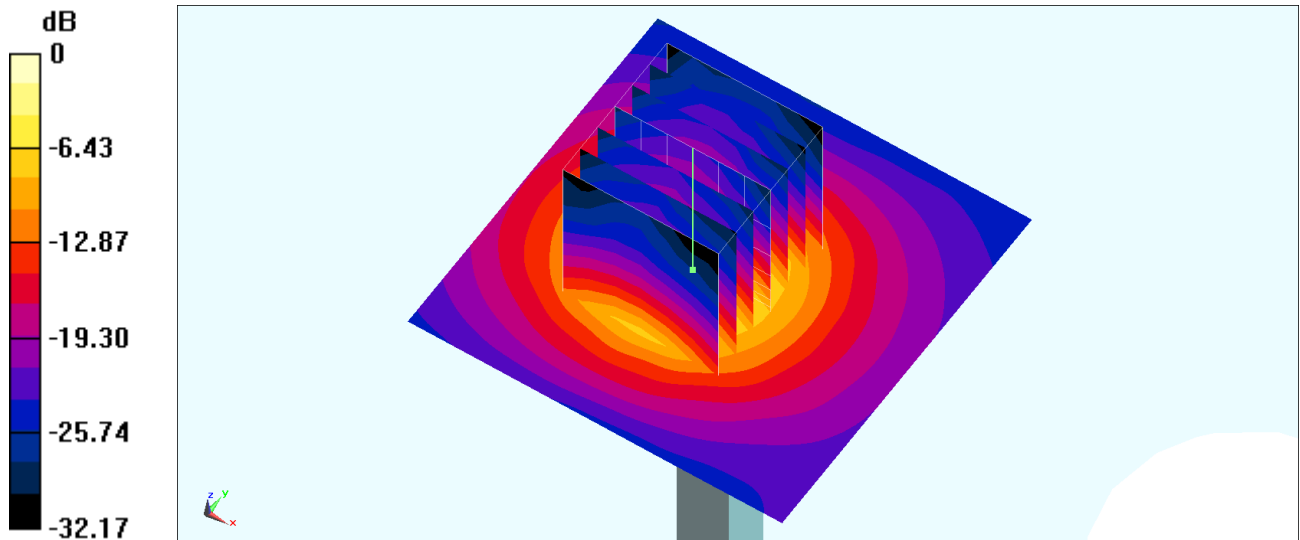
Peak SAR (extrapolated) = 9.35 W/kg

**SAR(1 g) = 3.4 W/kg; SAR(10 g) = 1.22 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 74.6%

Maximum value of SAR (measured) = 6.90 W/kg



0 dB = 6.90 W/kg = 8.39 dBW/kg

## System Check\_Head\_3900MHz

### DUT: D3900V2-1017

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

Medium: HSL\_3900\_240329 Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.371$  S/m;  $\epsilon_r = 37.266$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(6.88, 7.01, 7.55) @ 3900 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 6.14 W/kg

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

Reference Value = 41.77 V/m; Power Drift = 0.08 dB

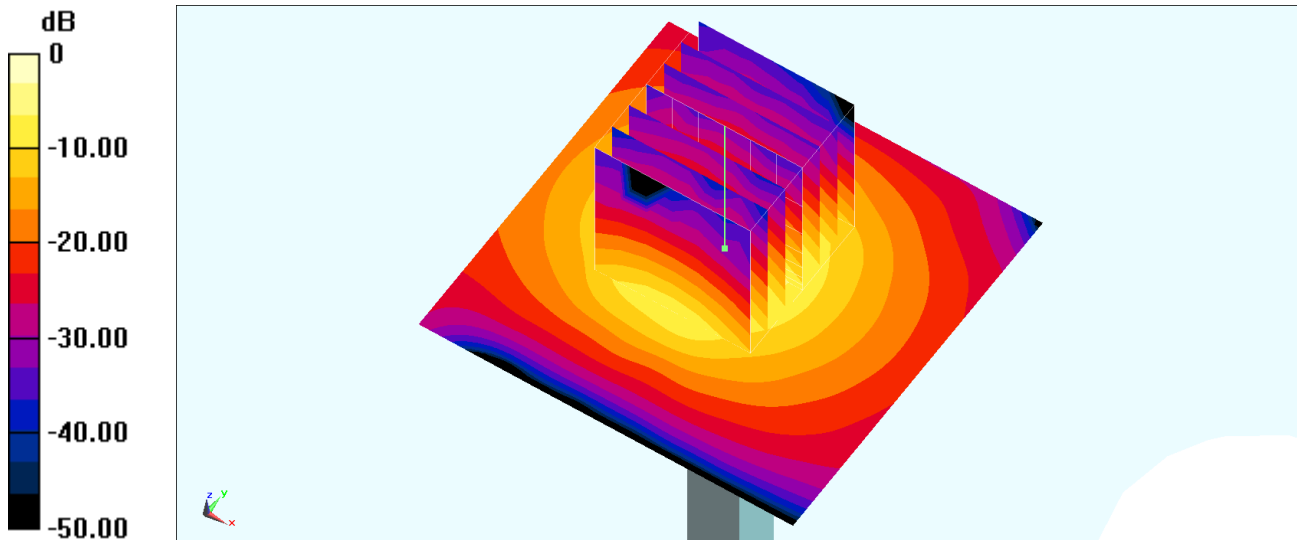
Peak SAR (extrapolated) = 8.68 W/kg

**SAR(1 g) = 3.11 W/kg; SAR(10 g) = 1.08 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 74.4%

Maximum value of SAR (measured) = 6.43 W/kg



0 dB = 6.43 W/kg = 8.08 dBW/kg

## System Check\_Head\_3900MHz

### DUT: D3900V2-1017

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

Medium: HSL\_3900\_240331 Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.258$  S/m;  $\epsilon_r = 37.588$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(6.88, 7.01, 7.55) @ 3900 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 6.00 W/kg

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

Reference Value = 46.81 V/m; Power Drift = -0.01 dB

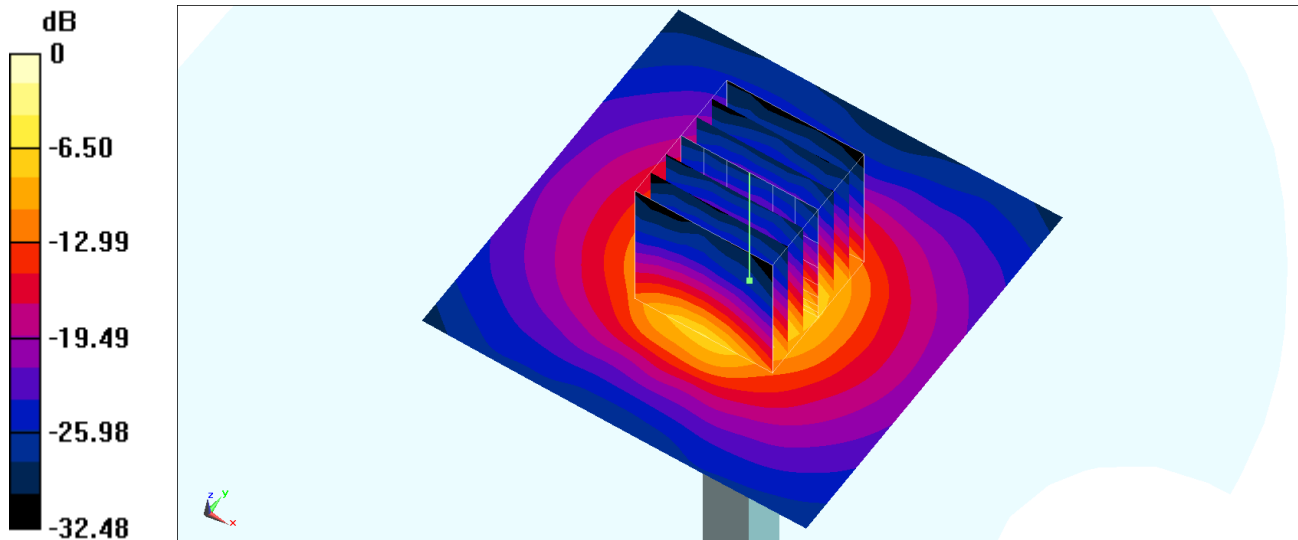
Peak SAR (extrapolated) = 8.49 W/kg

**SAR(1 g) = 3.13 W/kg; SAR(10 g) = 1.11 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 75.2%

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



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

## System Check\_Head\_13MHz

### DUT: CLA-13

Communication System: CW; Frequency: 13 MHz; Duty Cycle: 1:1

Medium: HSL\_13\_240219 Medium parameters used:  $f = 13$  MHz;  $\sigma = 0.728$  S/m;  $\epsilon_r = 54.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(16.9, 16.9, 16.9) @ 13 MHz; Calibrated: 2023/7/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2023/7/14
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.190 W/kg

**Pin=250mW/Zoom Scan (8x10x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 15.93 V/m; Power Drift = -0.00 dB

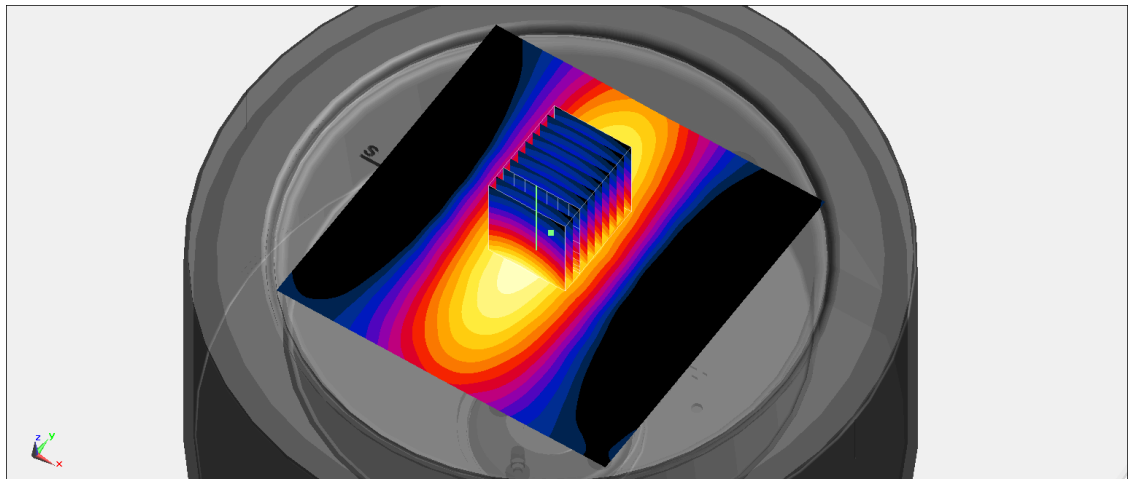
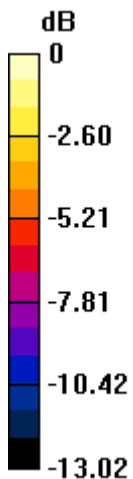
Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.090 W/kg**

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 77.5%

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_240304 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.853$  S/m;  $\epsilon_r = 38.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42) @ 2450 MHz; Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2023/12/6
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 4.72 W/kg

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

Reference Value = 46.71 V/m; Power Drift = -0.10 dB

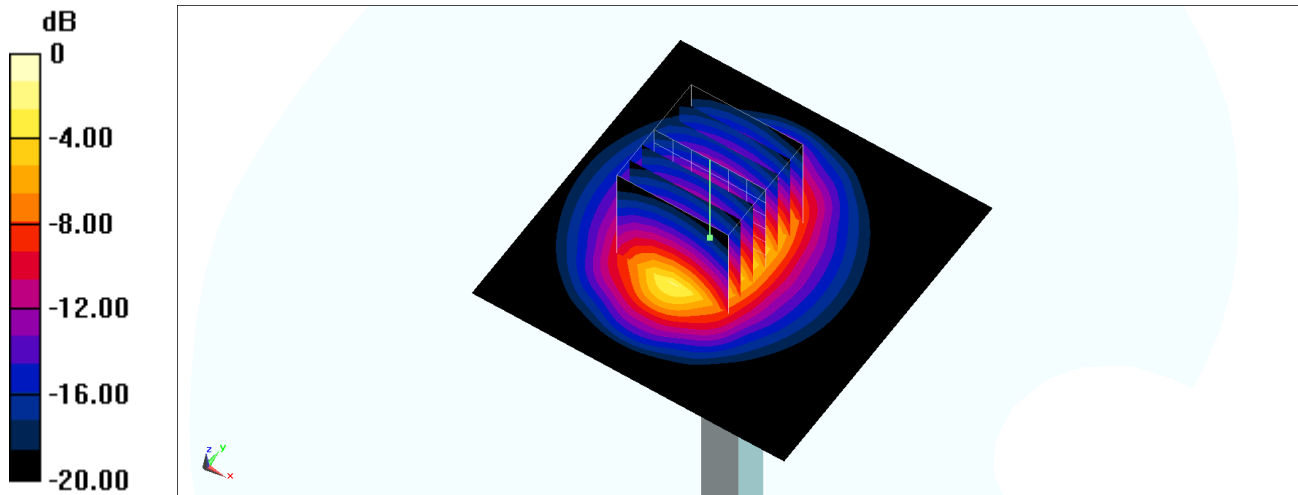
Peak SAR (extrapolated) = 5.19 W/kg

**SAR(1 g) = 2.64 W/kg; SAR(10 g) = 1.24 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 4.30 W/kg



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

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_240305 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.782$  S/m;  $\epsilon_r = 38.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42) @ 2450 MHz; Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2023/12/6
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 4.13 W/kg

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

Reference Value = 43.87 V/m; Power Drift = 0.08 dB

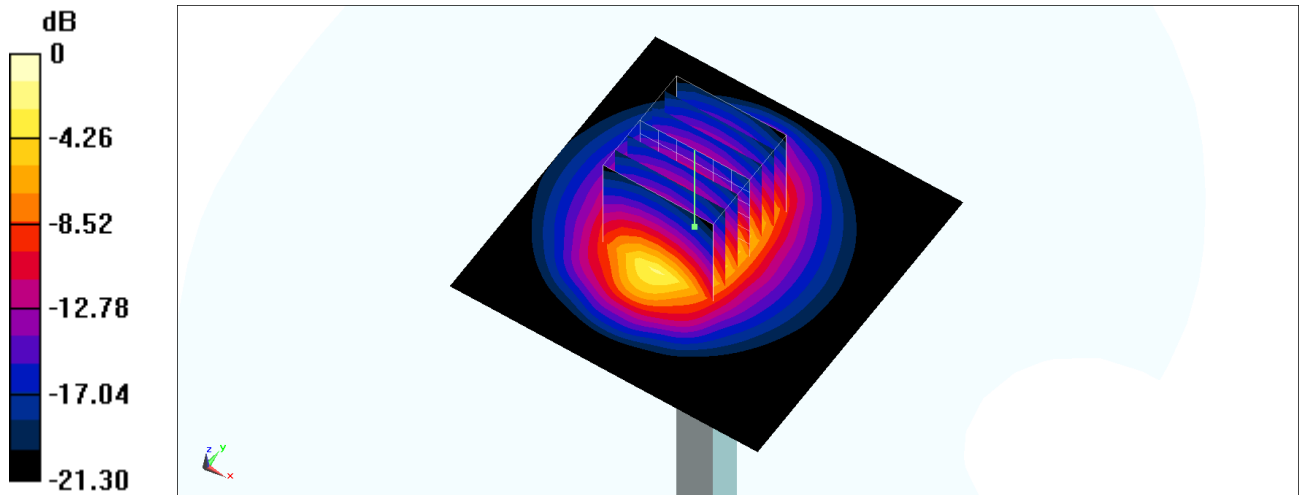
Peak SAR (extrapolated) = 4.88 W/kg

**SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.17 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 4.07 W/kg



0 dB = 4.07 W/kg = 6.10 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_240306 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.87$  S/m;  $\epsilon_r = 38.494$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42) @ 2450 MHz; Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2023/12/6
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 3.78 W/kg

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

Reference Value = 47.24 V/m; Power Drift = 0.03 dB

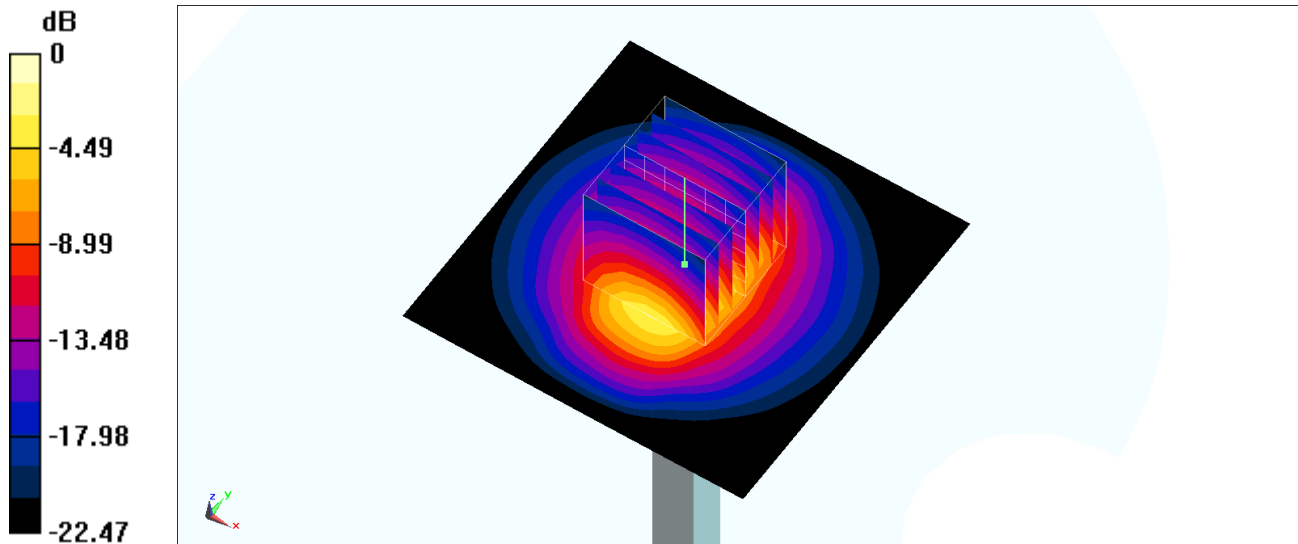
Peak SAR (extrapolated) = 5.02 W/kg

**SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.15 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 4.25 W/kg



0 dB = 4.25 W/kg = 6.28 dBW/kg



## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_240308 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.803$  S/m;  $\epsilon_r = 39.063$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(7.12, 7.04, 7.15) @ 2450 MHz; Calibrated: 2023/5/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2024/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 23.9 W/kg

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

Reference Value = 114.6 V/m; Power Drift = 0.10 dB

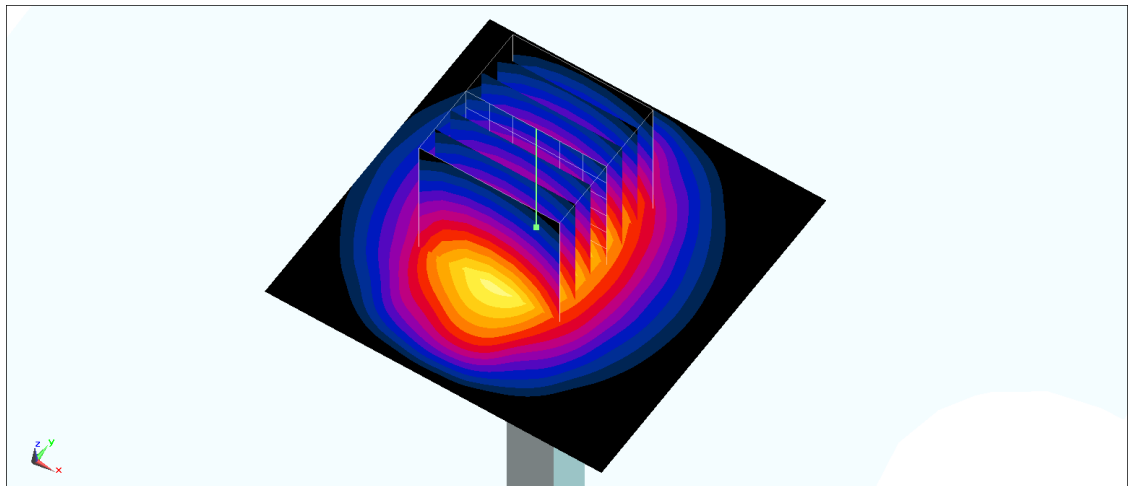
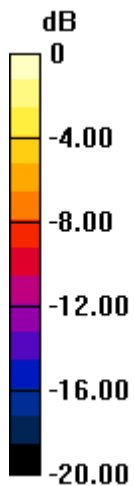
Peak SAR (extrapolated) = 28.9 W/kg

**SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.94 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 23.9 W/kg



0 dB = 23.9 W/kg = 13.78 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_240309 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 39.042$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(7.27, 7.37, 7.98) @ 2450 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 4.45 W/kg

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

Reference Value = 51.13 V/m; Power Drift = 0.08 dB

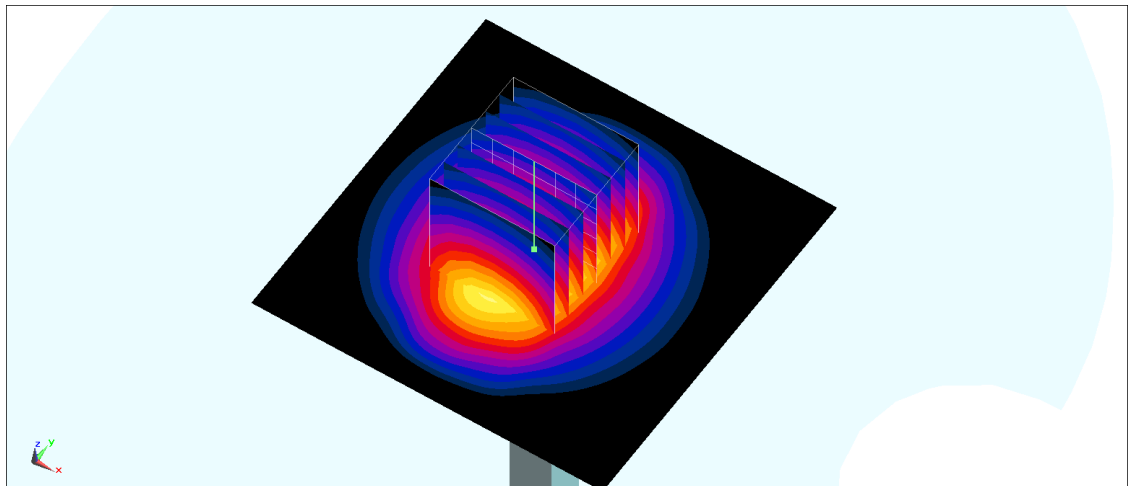
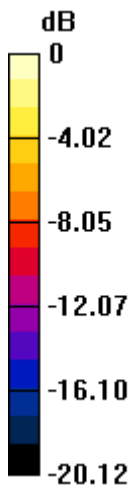
Peak SAR (extrapolated) = 5.21 W/kg

**SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.3 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 4.36 W/kg



0 dB = 4.36 W/kg = 6.39 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_240321 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.783$  S/m;  $\epsilon_r = 38.38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(7.27, 7.37, 7.98) @ 2450 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 4.14 W/kg

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

Reference Value = 44.48 V/m; Power Drift = 0.12 dB

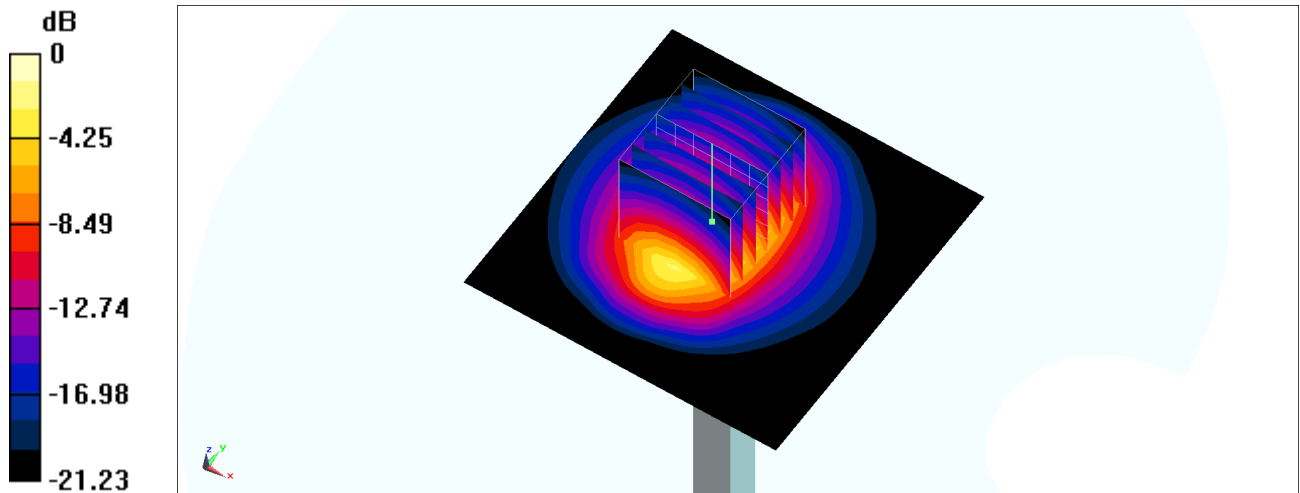
Peak SAR (extrapolated) = 4.92 W/kg

**SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.17 W/kg**

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

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

Maximum value of SAR (measured) = 4.09 W/kg



0 dB = 4.09 W/kg = 6.12 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240303 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.735$  S/m;  $\epsilon_r = 35.097$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29) @ 5250 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 9.37 W/kg

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

Reference Value = 48.17 V/m; Power Drift = -0.03 dB

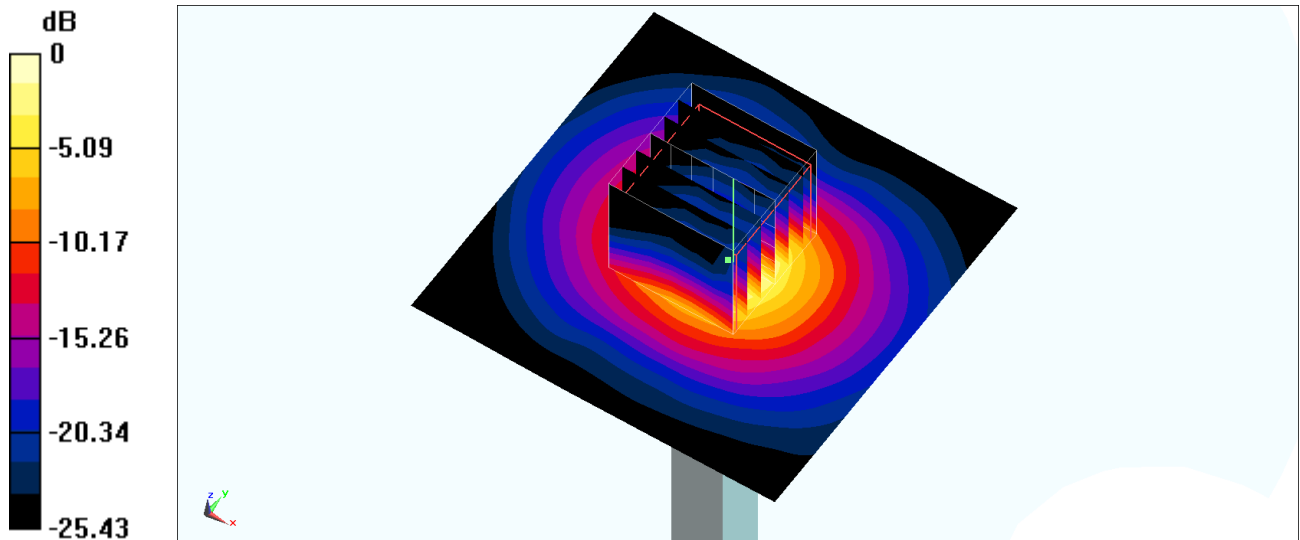
Peak SAR (extrapolated) = 14.5 W/kg

**SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.08 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 9.14 W/kg



0 dB = 9.14 W/kg = 9.61 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5250\_240307 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.671$  S/m;  $\epsilon_r = 36.227$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.51, 5.35, 5.53) @ 5250 MHz; Calibrated: 2023/5/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2024/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.9 W/kg

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

Reference Value = 69.04 V/m; Power Drift = -0.18 dB

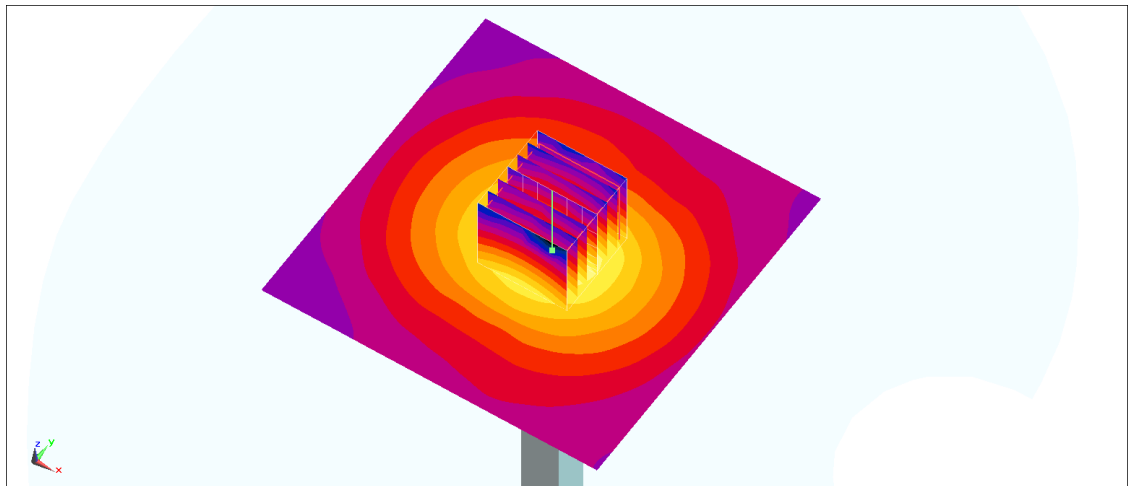
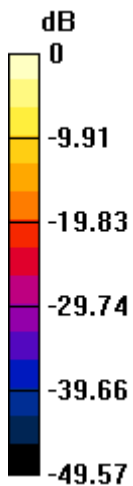
Peak SAR (extrapolated) = 33.6 W/kg

**SAR(1 g) = 7.88 W/kg; SAR(10 g) = 2.21 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 18.9 W/kg = 12.77 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1171

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

Medium: HSL\_5250\_240307 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.671$  S/m;  $\epsilon_r = 36.227$ ;  $\rho = 1000$  kg/m<sup>3</sup>

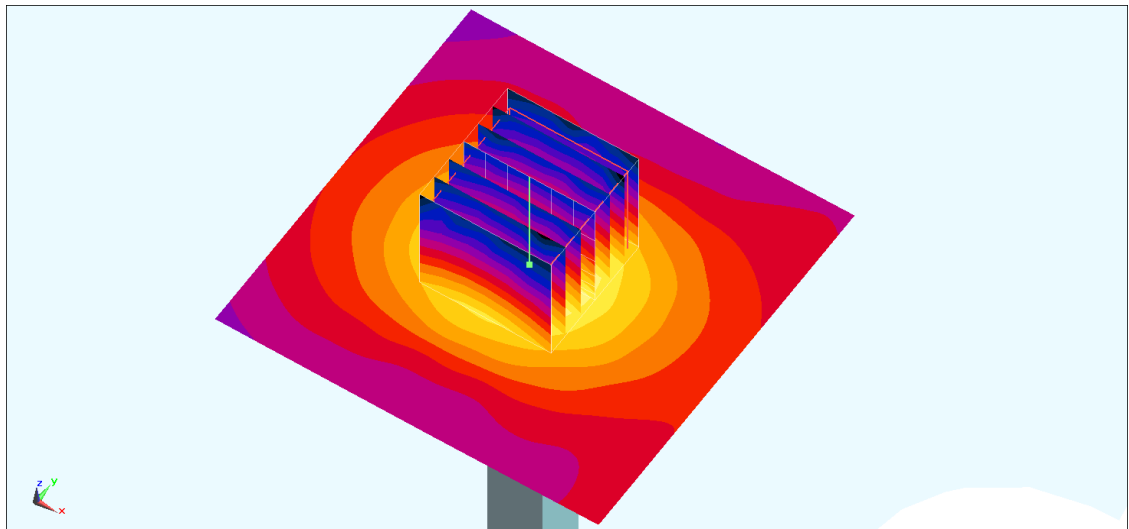
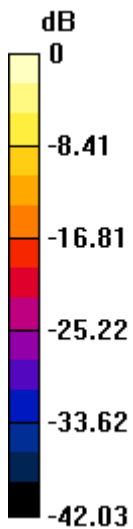
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29) @ 5250 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 10.4 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 52.40 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 17.3 W/kg  
**SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.19 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 7.2 mm  
 Ratio of SAR at M2 to SAR at M1 = 63.9%  
 Maximum value of SAR (measured) = 10.7 W/kg



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

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240310 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.602$  S/m;  $\epsilon_r = 35.517$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29) @ 5250 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 19.4 W/kg

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

Reference Value = 54.61 V/m; Power Drift = 0.05 dB

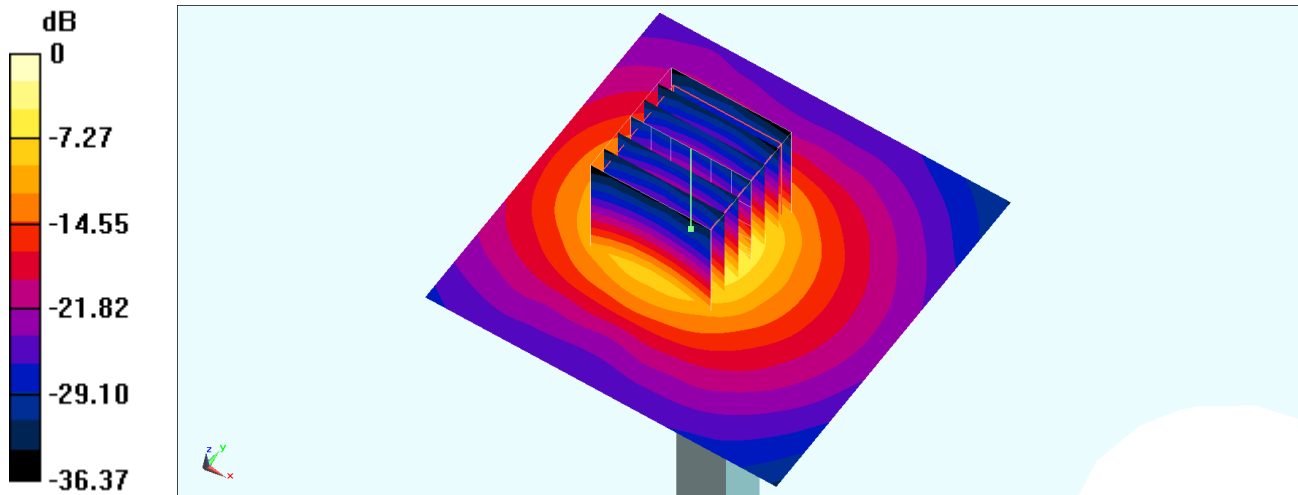
Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.25 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1006

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

Medium: HSL\_5G\_240311 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.616$  S/m;  $\epsilon_r = 35.567$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29) @ 5250 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 19.4 W/kg

**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 54.61 V/m; Power Drift = 0.05 dB

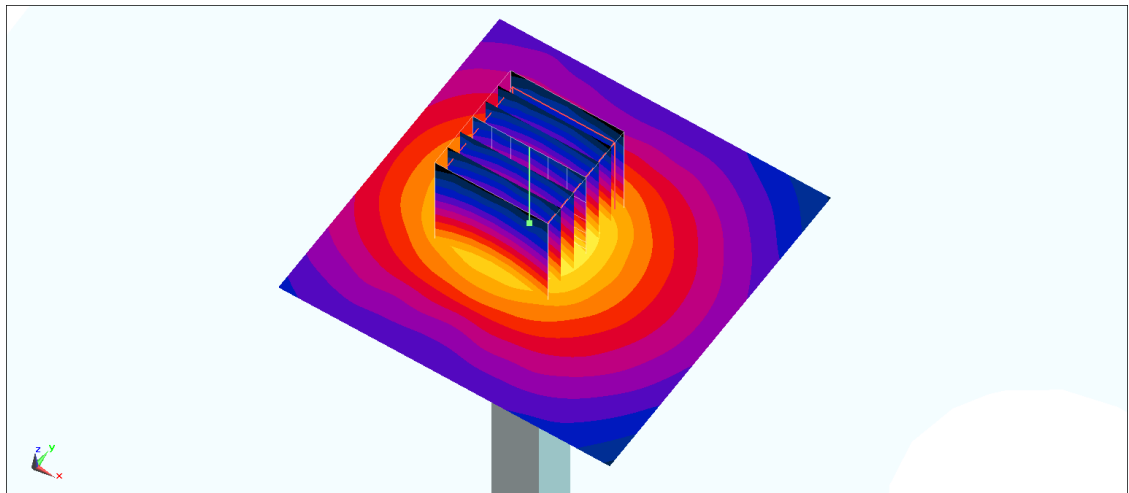
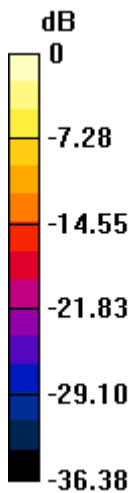
Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.26 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 20.3 W/kg



0 dB = 20.3 W/kg = 13.07 dBW/kg



## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240322 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.828$  S/m;  $\epsilon_r = 36.057$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29) @ 5250 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.5 W/kg

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

Reference Value = 65.16 V/m; Power Drift = -0.03 dB

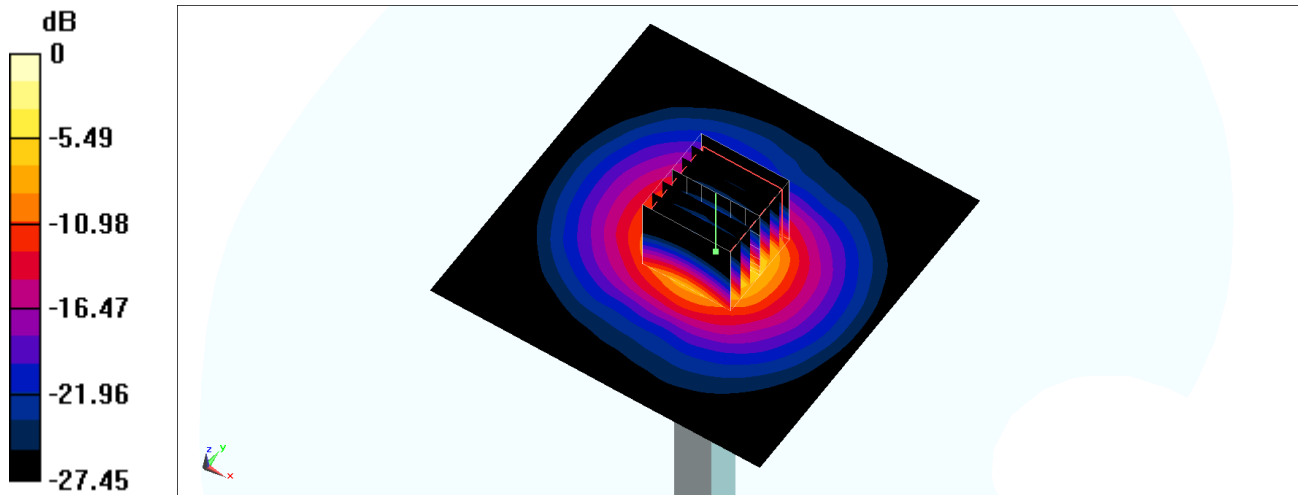
Peak SAR (extrapolated) = 31.4 W/kg

**SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.11 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240303 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.107$  S/m;  $\epsilon_r = 34.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(4.88, 4.99, 5.44) @ 5600 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 12.3 W/kg

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

Reference Value = 54.47 V/m; Power Drift = -0.17 dB

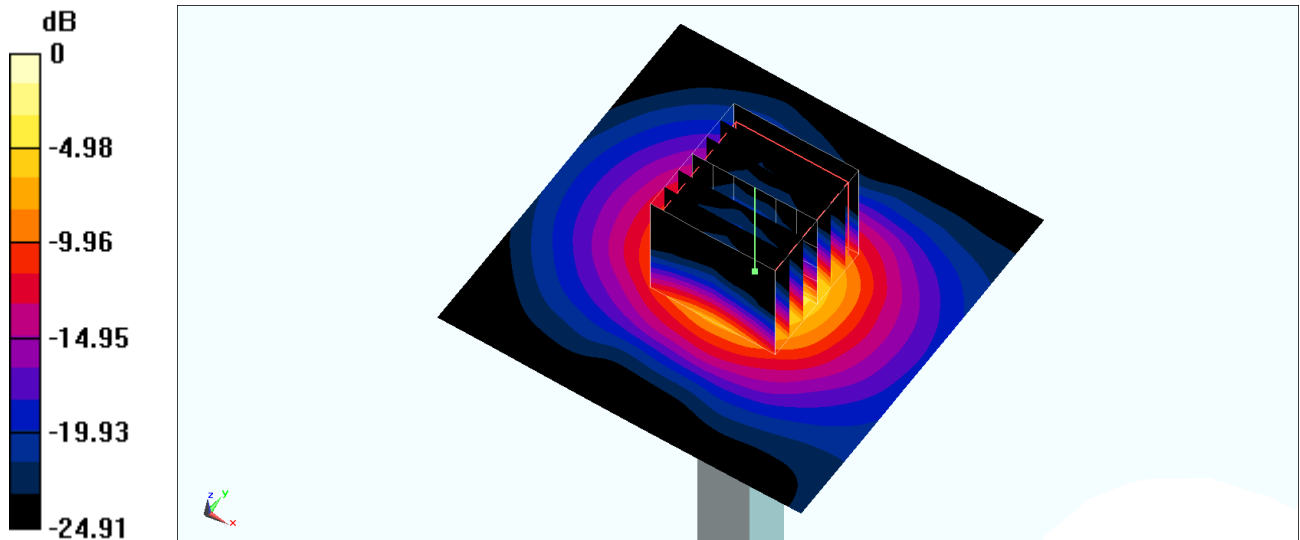
Peak SAR (extrapolated) = 19.0 W/kg

**SAR(1 g) = 4.42 W/kg; SAR(10 g) = 1.28 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.5%

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240307 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.038$  S/m;  $\epsilon_r = 35.716$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(4.69, 4.57, 4.78) @ 5600 MHz; Calibrated: 2023/5/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2024/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 20.7 W/kg

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

Reference Value = 72.27 V/m; Power Drift = -0.16 dB

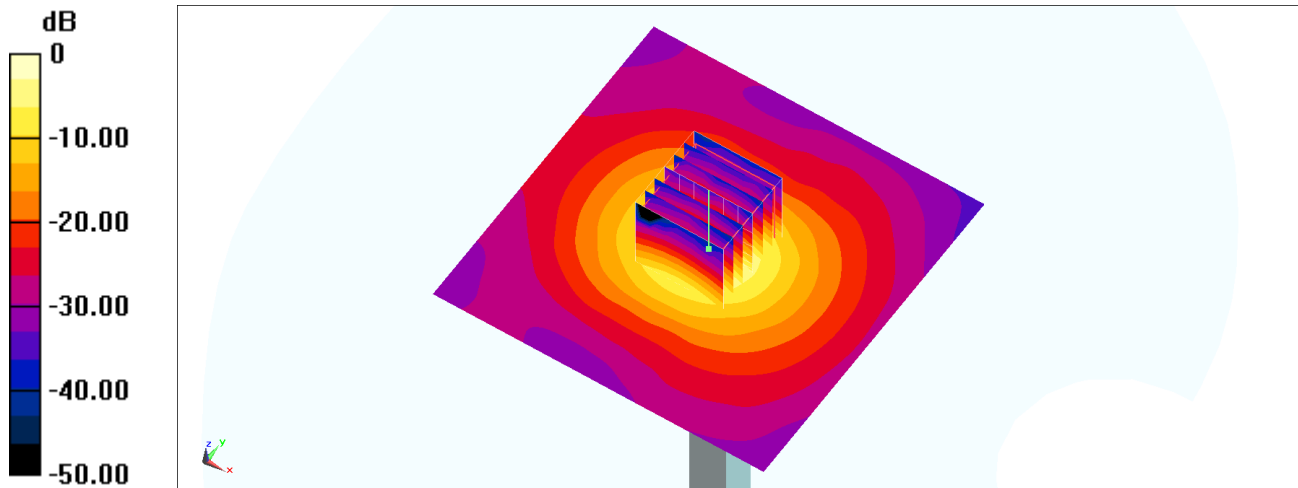
Peak SAR (extrapolated) = 37.4 W/kg

**SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.34 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 20.7 W/kg = 13.15 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240310 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.995$  S/m;  $\epsilon_r = 34.912$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(4.88, 4.99, 5.44) @ 5600 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 11.2 W/kg

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

Reference Value = 53.45 V/m; Power Drift = 0.06 dB

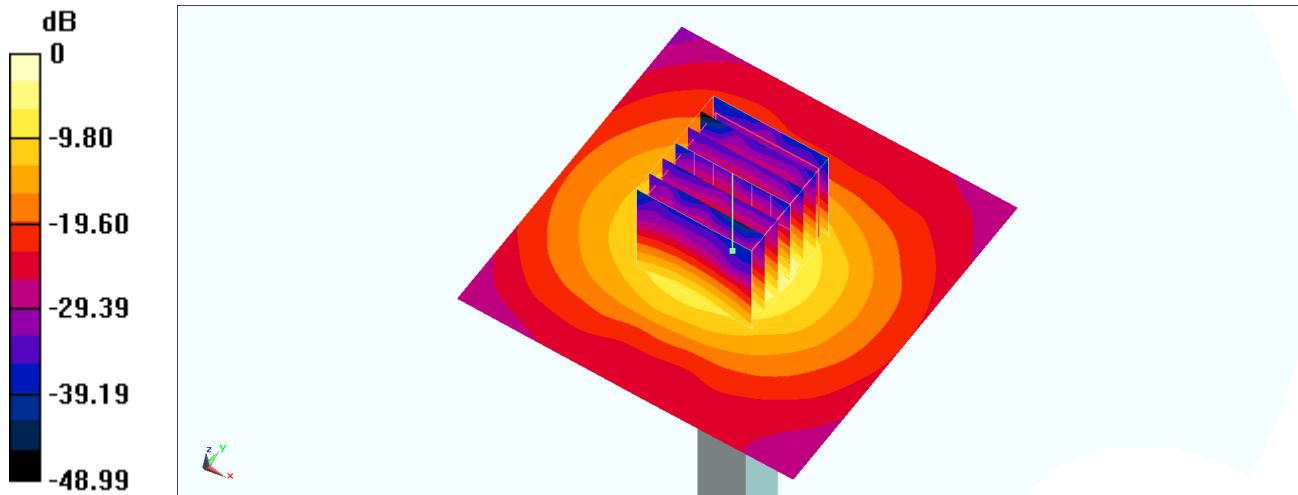
Peak SAR (extrapolated) = 19.2 W/kg

**SAR(1 g) = 4.51 W/kg; SAR(10 g) = 1.27 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%

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1006

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

Medium: HSL\_5G\_240311 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.011$  S/m;  $\epsilon_r = 34.962$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(4.88, 4.99, 5.44) @ 5600 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 20.5 W/kg

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

Reference Value = 55.25 V/m; Power Drift = 0.17 dB

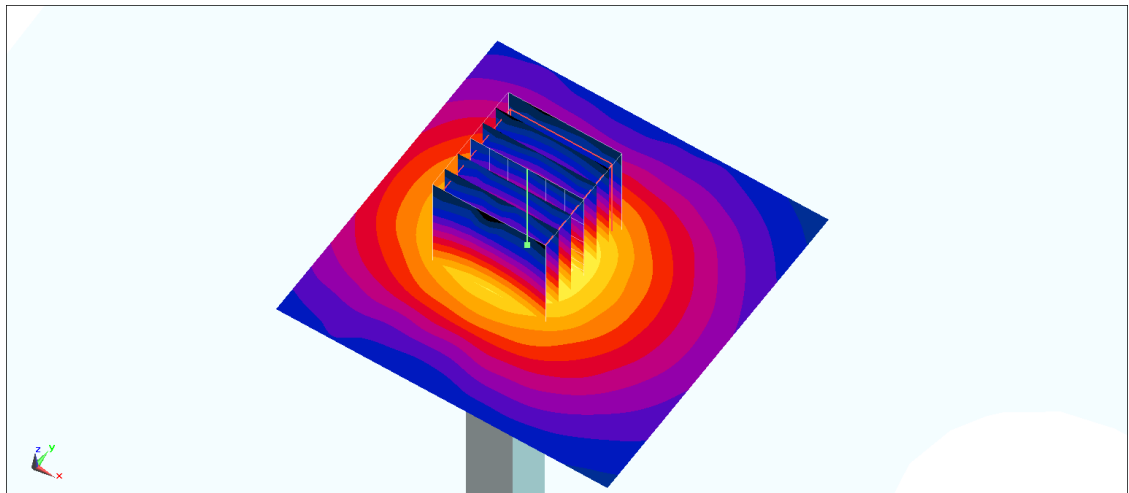
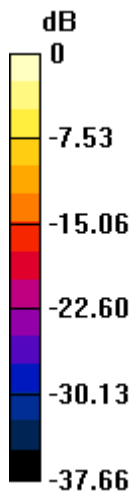
Peak SAR (extrapolated) = 35.6 W/kg

**SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.31 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 61.9%

Maximum value of SAR (measured) = 21.2 W/kg



## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240322 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.206$  S/m;  $\epsilon_r = 35.546$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(4.88, 4.99, 5.44) @ 5600 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Pin=100mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.8 W/kg

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

Reference Value = 68.73 V/m; Power Drift = -0.06 dB

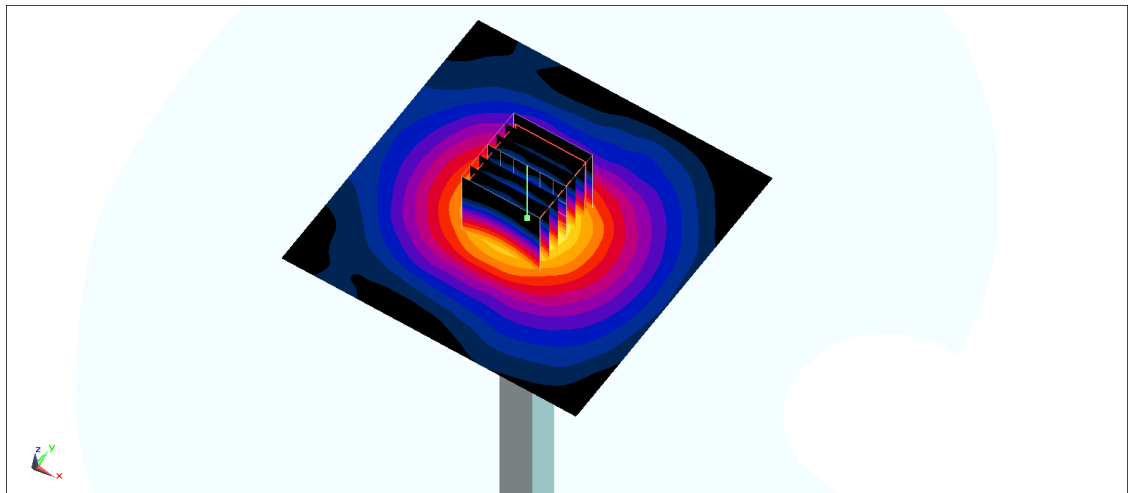
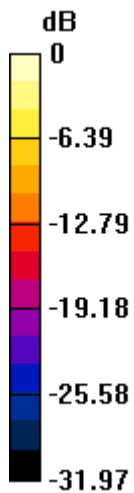
Peak SAR (extrapolated) = 33.8 W/kg

**SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.24 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240302 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.178$  S/m;  $\epsilon_r = 35.403$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36) @ 5750 MHz; Calibrated: 2023/11/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2023/12/6
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 8.91 W/kg

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

Reference Value = 43.77 V/m; Power Drift = -0.08 dB

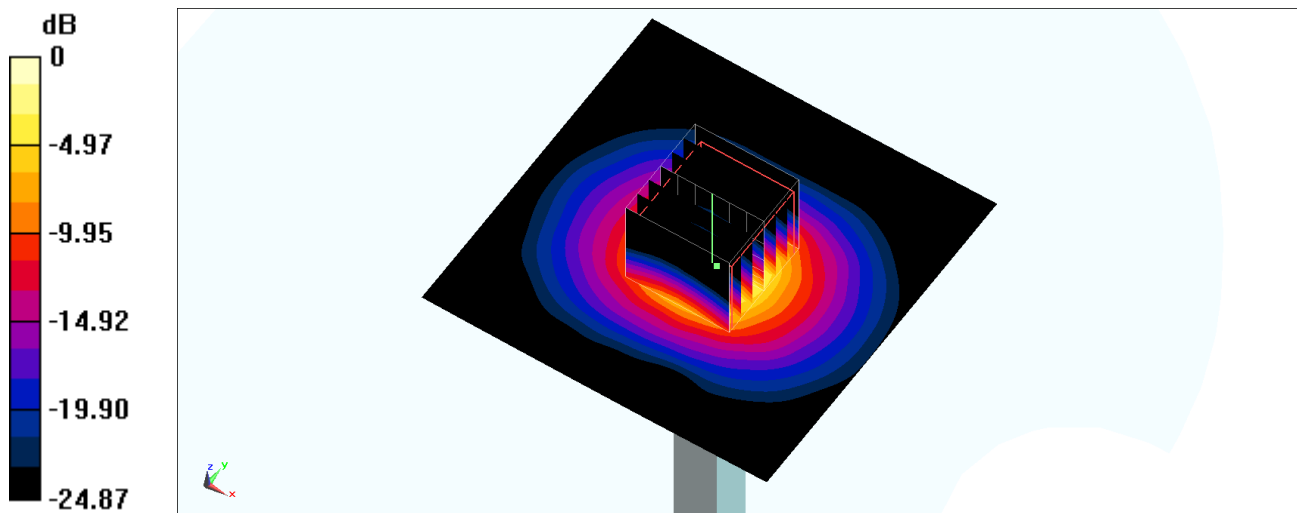
Peak SAR (extrapolated) = 16.0 W/kg

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

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

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 9.52 W/kg



0 dB = 9.52 W/kg = 9.79 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1171

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

Medium: HSL\_5750\_240303 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.273$  S/m;  $\epsilon_r = 34.403$ ;  $\rho = 1000$  kg/m<sup>3</sup>

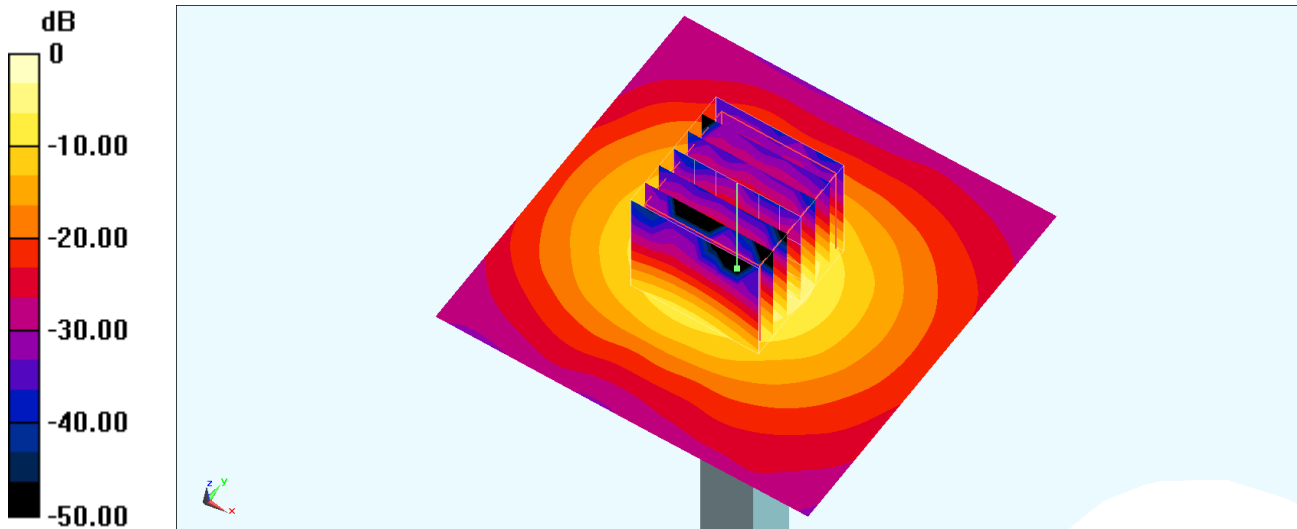
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.03, 5.13, 5.6) @ 5750 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 10.6 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 49.61 V/m; Power Drift = 0.06 dB  
 Peak SAR (extrapolated) = 18.8 W/kg  
**SAR(1 g) = 4.23 W/kg; SAR(10 g) = 1.21 W/kg**  
 Smallest distance from peaks to all points 3 dB below = 7.5 mm  
 Ratio of SAR at M2 to SAR at M1 = 61.3%  
 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\_240307 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.203$  S/m;  $\epsilon_r = 35.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(4.9, 4.78, 5.03) @ 5750 MHz; Calibrated: 2023/5/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2024/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 19.6 W/kg

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

Reference Value = 68.99 V/m; Power Drift = -0.12 dB

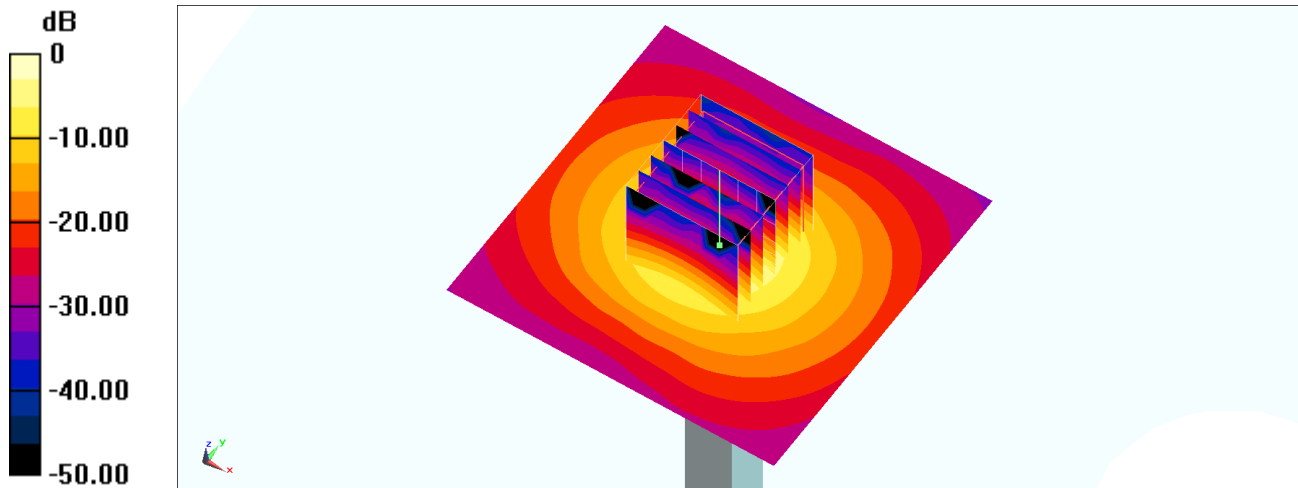
Peak SAR (extrapolated) = 35.8 W/kg

**SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.16 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 20.6 W/kg



## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240310 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.178$  S/m;  $\epsilon_r = 34.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.03, 5.13, 5.6) @ 5750 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 10.4 W/kg

**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 49.61 V/m; Power Drift = 0.06 dB

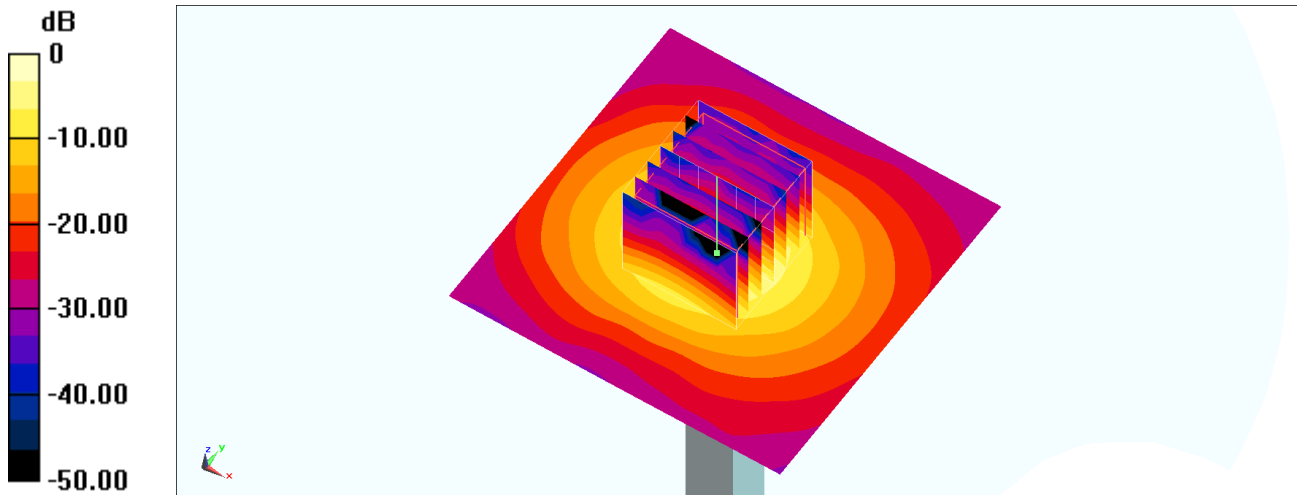
Peak SAR (extrapolated) = 18.4 W/kg

**SAR(1 g) = 4.15 W/kg; SAR(10 g) = 1.19 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1006

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

Medium: HSL\_5G\_240311 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.194$  S/m;  $\epsilon_r = 34.644$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.03, 5.13, 5.6) @ 5750 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 21.7 W/kg

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

Reference Value = 55.86 V/m; Power Drift = 0.08 dB

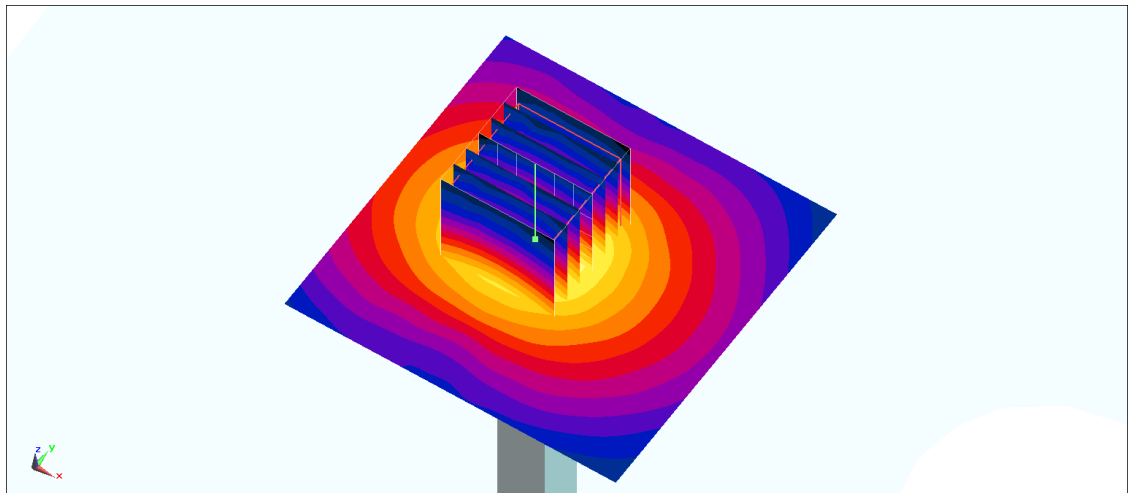
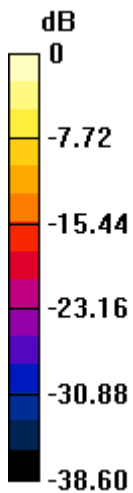
Peak SAR (extrapolated) = 36.2 W/kg

**SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.26 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_240322 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.375$  S/m;  $\epsilon_r = 35.363$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.03, 5.13, 5.6) @ 5750 MHz; Calibrated: 2023/5/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1697; Calibrated: 2023/11/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- 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) = 18.3 W/kg

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

Reference Value = 65.68 V/m; Power Drift = -0.03 dB

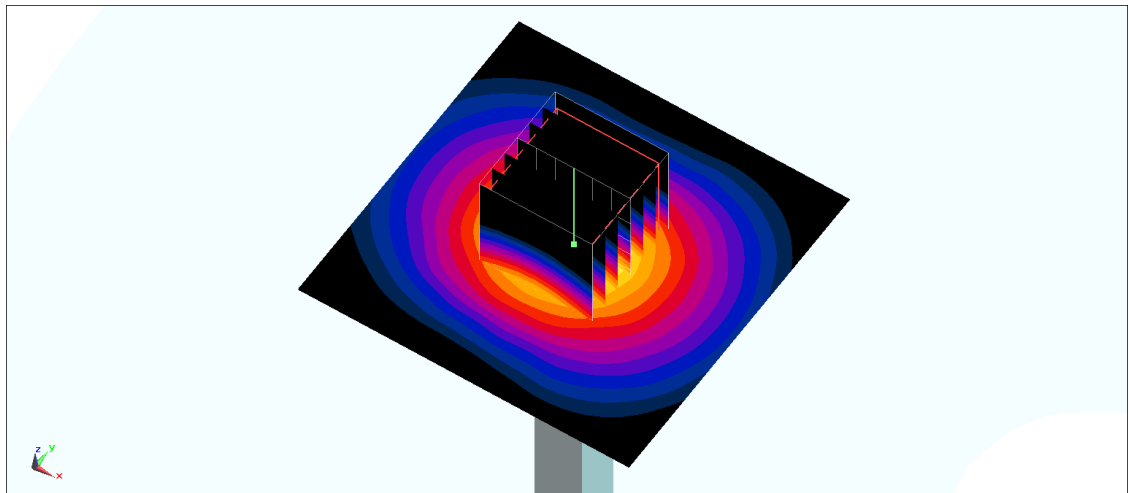
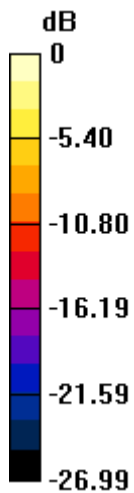
Peak SAR (extrapolated) = 33.3 W/kg

**SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.09 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 60.8%

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz;  
Medium: HSL\_6G\_240308 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.16$  S/m;  $\epsilon_r = 34.7$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.13, 5.21, 5.71); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2023-11-20
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2145; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm  
SAR (1g) = 22.7 W/kg; SAR (10g) = 4.43 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

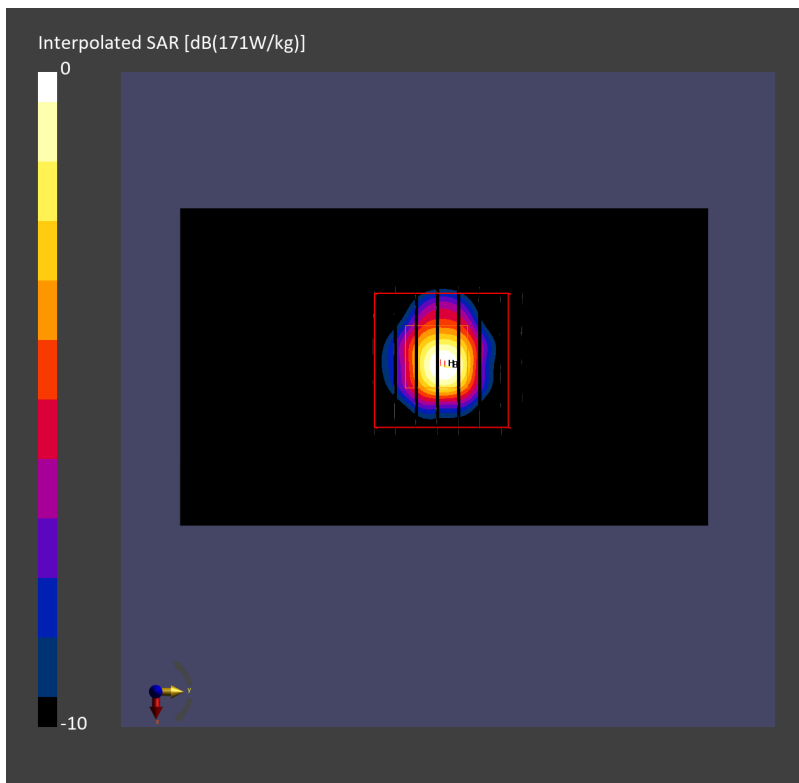
Power Drift = -0.03 dB

SAR (1g) = 27.0 W/kg; SAR (8g) = 6.08 W/kg; SAR (10g) = 4.99 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50.8 %

psAPD (1.0cm<sup>2</sup>, sq) = 270 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 122 [W/m<sup>2</sup>]



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz;

Medium: HSL\_6G\_240323 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.27$  S/m;  $\epsilon_r = 34.6$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.13, 5.21, 5.71); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1697; Calibrated: 2023-11-20
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2145; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0--

**Pin=20.0dBm/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) = 4.89 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

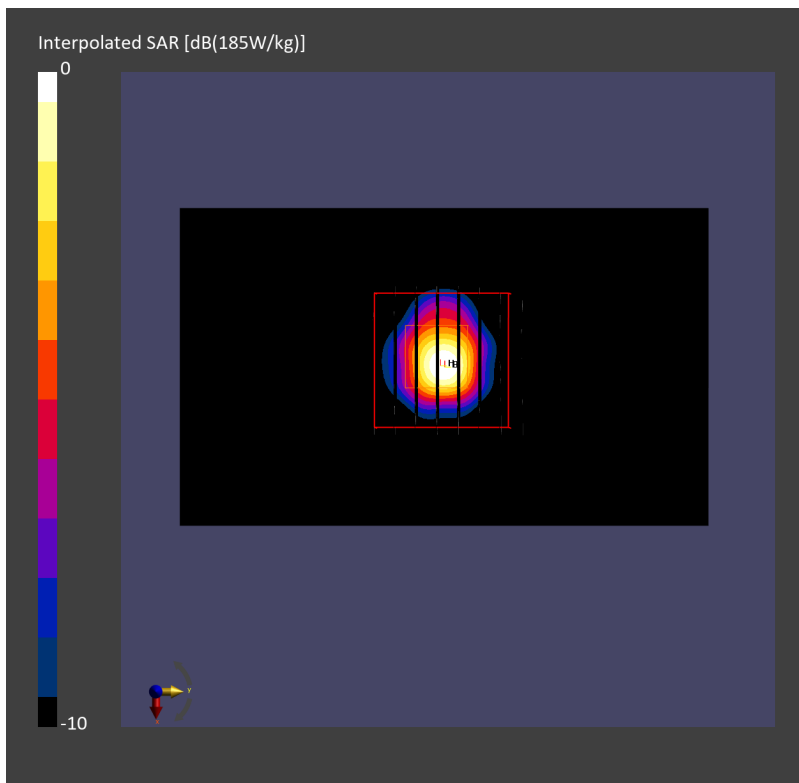
Power Drift = -0.02 dB

SAR (1g) = 28.9 W/kg; SAR (8g) = 6.50 W/kg; SAR (10g) = 5.34 W/kg

Smallest distance from peaks to all points 3 dB below = 4.4 mm

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

psAPD (1.0cm<sup>2</sup>, sq) = 289 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 130 [W/m<sup>2</sup>]



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2-1083

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1  
Medium: HSL\_6G\_Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.21$  S/m;  $\epsilon_r = 34.8$   
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(4.75, 4.82, 4.91); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2079; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0--

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm  
SAR (1g) = 25.4 W/kg; SAR (10g) = 5.19 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

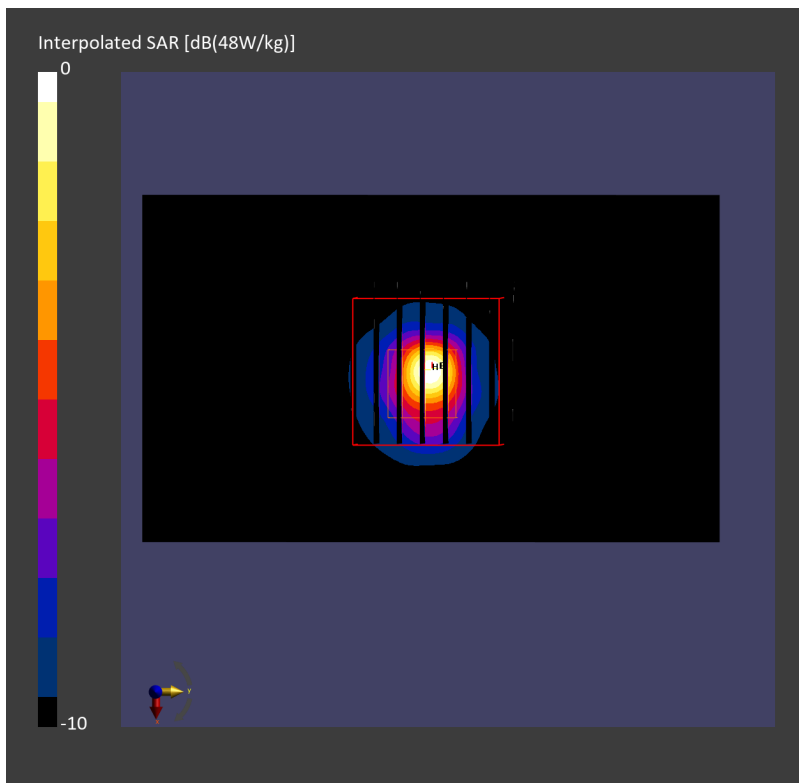
Power Drift = 0.03 dB

SAR (1g) = 28.9 W/kg; SAR (8g) = 6.87 W/kg; SAR (10g) = 5.63 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 60.7 %

psAPD (1.0cm<sup>2</sup>, sq) = 289 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 137 [W/m<sup>2</sup>]



## Measurement Report for Device

### Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	70.0 x 50.0 x 8.0	3.2.0.1840	5G Verification Source

### Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	10000.0	1.0

### Hardware Setup

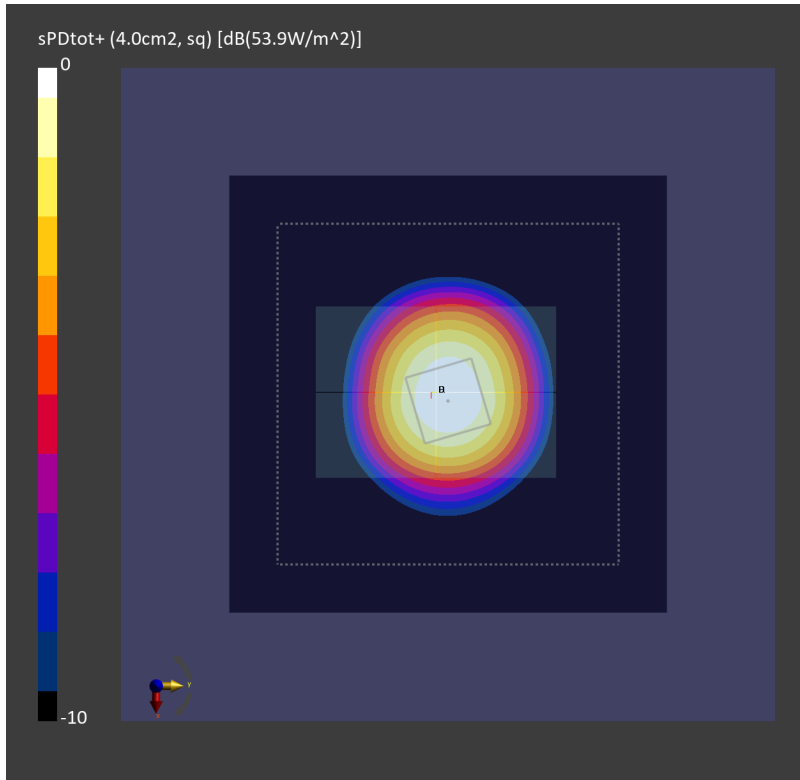
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1109	Air -	EUmmWV3 - SN9424_F1-55GHz, 2023-03-21	DAE4 Sn1647, 2023-12-27

### Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

### Measurement Results

Date	2024-02-23
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	53.7
psPDtot+ [W/m <sup>2</sup> ]	53.9
H <sub>max</sub> [A/m]	0.424
E <sub>max</sub> [V/m]	150
max <sub>(Stot)</sub> [W/m <sup>2</sup> ]	63.2
Power Drift [dB]	0.15





## Measurement Report for Device

### Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	70.0 x 50.0 x 8.0	3.2.0.1840	5G Verification Source

### Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	10000.0	1.0

### Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1044	Air -	EUmmWV4 - SN9441_F1-55GHz, 2023-11-17	DAE4 Sn661, 2023-05-23

### Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

### Measurement Results

Date	2024-03-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	49.9
psPDtot+ [W/m <sup>2</sup> ]	50.0
H <sub>max</sub> [A/m]	0.388
E <sub>max</sub> [V/m]	147
max <sub>(Stot)</sub> [W/m <sup>2</sup> ]	56.2
Power Drift [dB]	0.08

