

## System Check\_Head\_2450MHz

**DUT: D2450V2 - SN:1095**

Communication System: ; Frequency: 2450.0

Medium: HSL. Medium parameters used:  $f= 2450.0$  MHz;  $\sigma= 1.81$  S/m;  $\epsilon_r = 38.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.25, 8.25); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

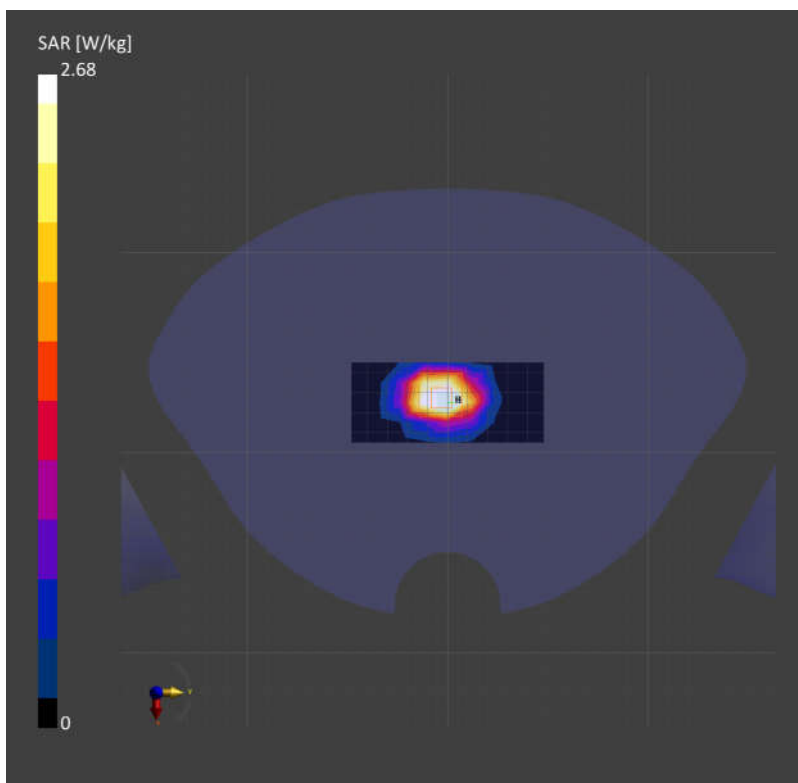
**Area Scan (40.0 mm x 96.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 2.73 W/kg; SAR (10g) = 1.29 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 2.68 W/kg; SAR (10g) = 1.25 W/kg;



## System Check\_Head\_5250MHz

**DUT: D5250V2 - SN:1113**

Communication System: ; Frequency: 5250.0

Medium: HSL. Medium parameters used:  $f= 5250.0$  MHz;  $\sigma= 4.58$  S/m;  $\epsilon_r = 36.3$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

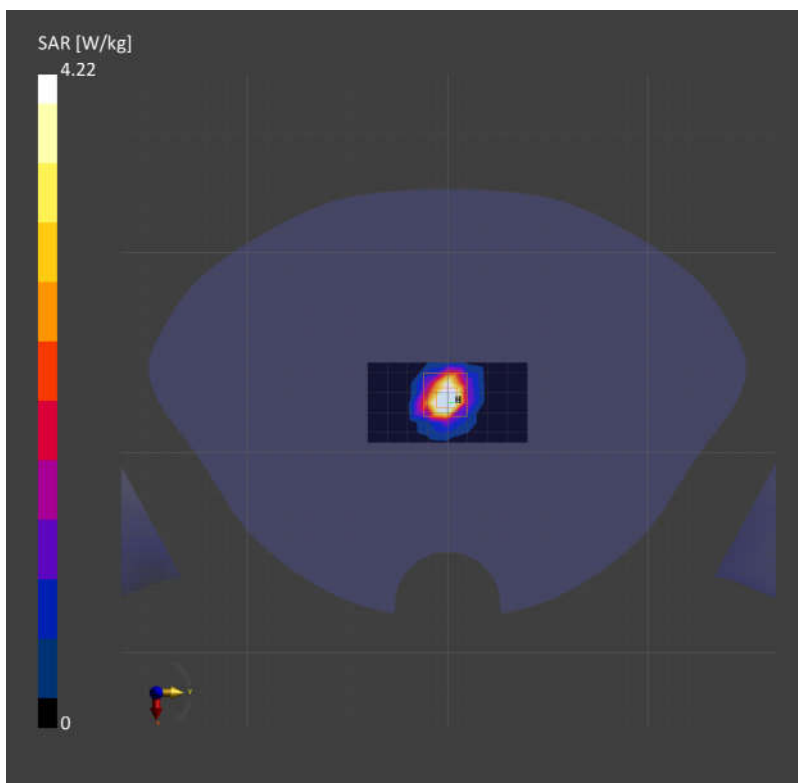
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 4.03 W/kg; SAR (10g) = 1.19 W/kg;

**Zoom Scan (24.0 mm x 24.0 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) = 4.22 W/kg; SAR (10g) = 1.21 W/kg;



## System Check\_Head\_5600MHz

**DUT: D5600V2 - SN:1113**

Communication System: ; Frequency: 5600.0

Medium: HSL. Medium parameters used:  $f= 5600.0$  MHz;  $\sigma= 4.95$  S/m;  $\epsilon_r = 35.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(4.9, 4.9, 4.9); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

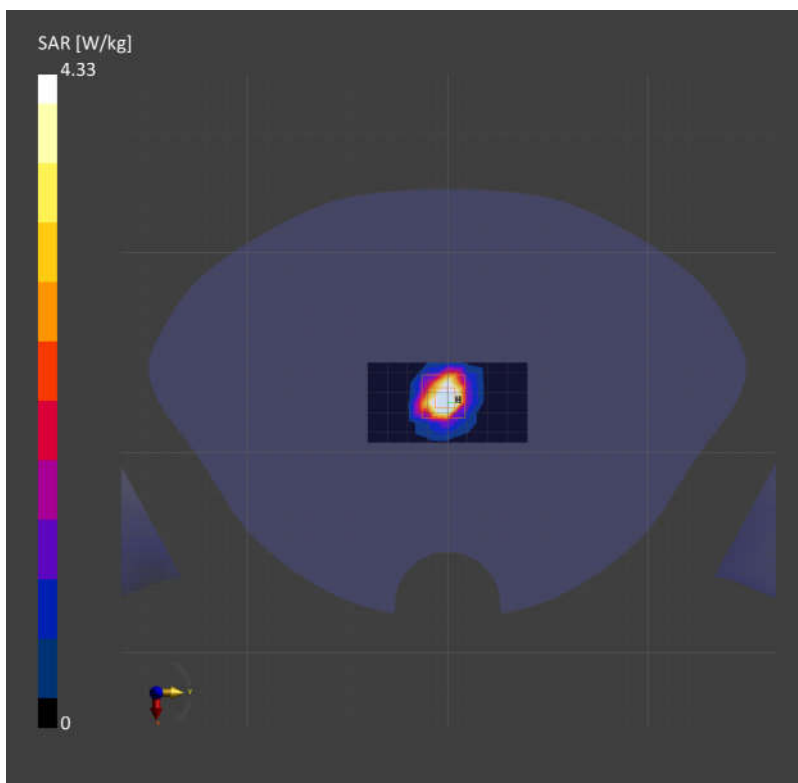
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 4.43 W/kg; SAR (10g) = 1.30 W/kg;

**Zoom Scan (24.0 mm x 24.0 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) = 4.33 W/kg; SAR (10g) = 1.21 W/kg;



## System Check\_Head\_5750MHz

**DUT: D5750V2 - SN:1113**

Communication System: ; Frequency: 5750.0

Medium: HSL. Medium parameters used:  $f= 5750.0$  MHz;  $\sigma= 5.13$  S/m;  $\epsilon_r = 35.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.1, 5.1, 5.1); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

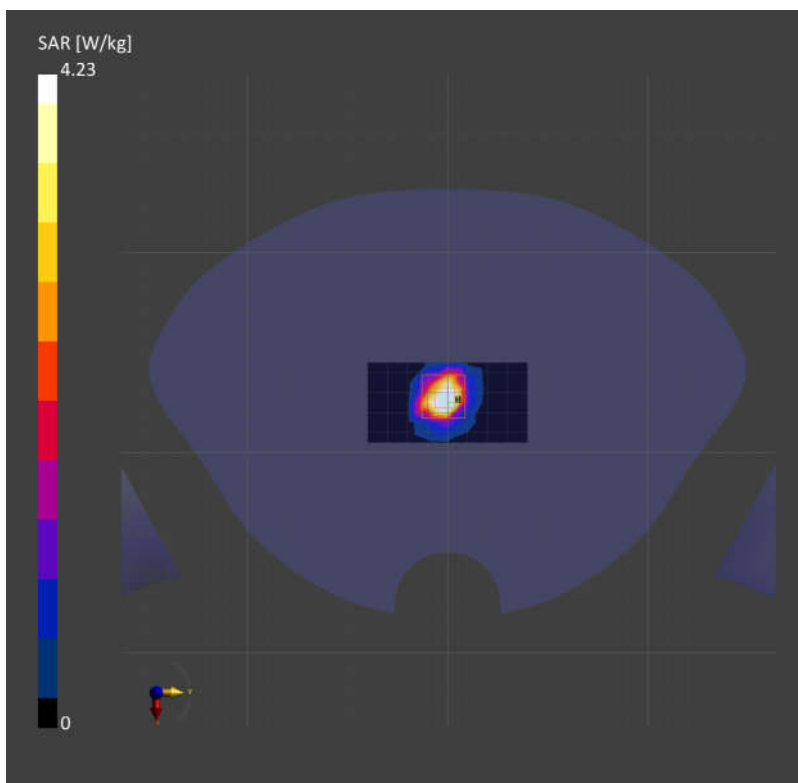
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.98 W/kg; SAR (10g) = 1.18 W/kg;

**Zoom Scan (24.0 mm x 24.0 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) = 4.23 W/kg; SAR (10g) = 1.20 W/kg;



## System Check\_Head\_6500MHz

**DUT: D6.5GHzV2 - SN:1031**

Communication System: ; Frequency: 6500.0

Medium: HSL. Medium parameters used:  $f= 6500.0$  MHz;  $\sigma= 6.16$  S/m;  $\epsilon_r = 34.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

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

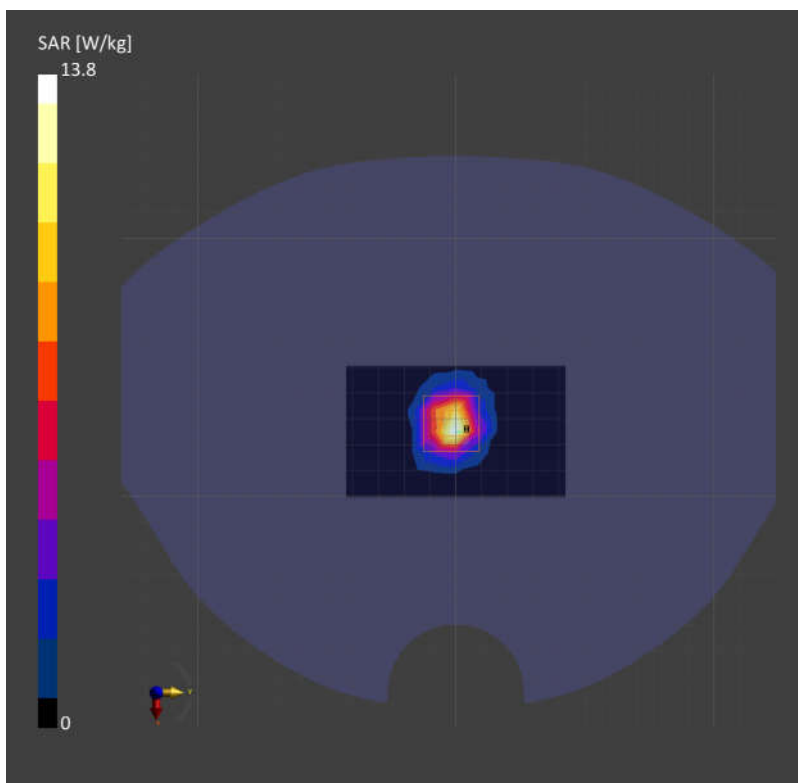
SAR (1g) = 8.37 W/kg; SAR (10g) = 2.85 W/kg;

**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) = 13.8 W/kg; SAR (10g) = 2.49 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 60.9[W/m<sup>2</sup>]



## System Check\_Head\_2450MHz

**DUT:D2450V2 - SN:1095**

Communication System: ; Frequency: 2450.0

Medium: HSL. Medium parameters used:  $f= 2450.0$  MHz;  $\sigma= 1.83$  S/m;  $\epsilon_r = 37.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.25, 8.25); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

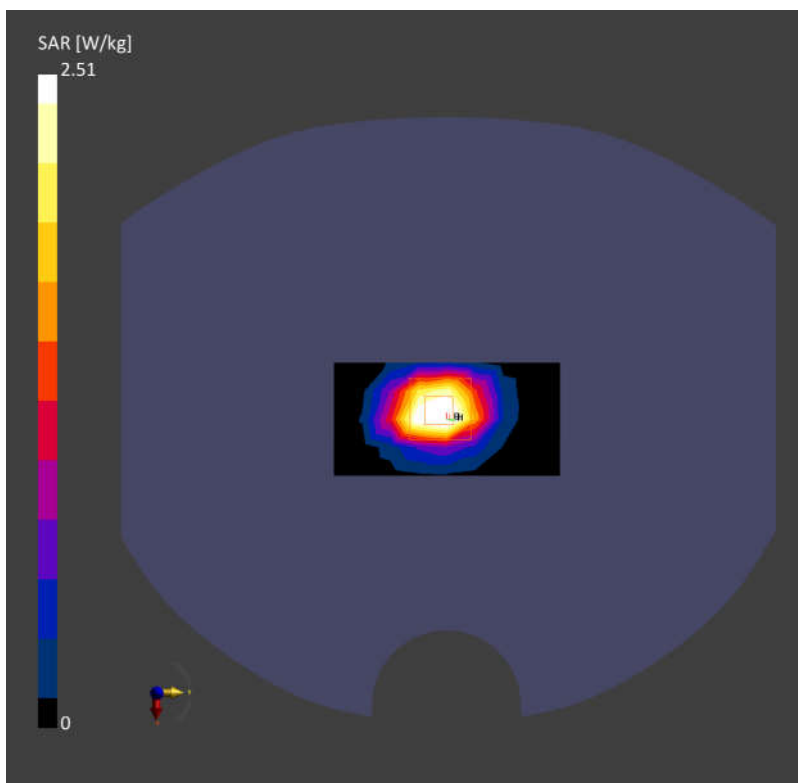
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 2.40 W/kg; SAR (10g) = 1.11 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

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



## System Check\_Head\_2450MHz

**DUT:D2450V2 - SN:1095**

Communication System: ; Frequency: 2450.0

Medium: HSL. Medium parameters used:  $f= 2450.0$  MHz;  $\sigma= 1.79$  S/m;  $\epsilon_r = 40.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.25, 8.25); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

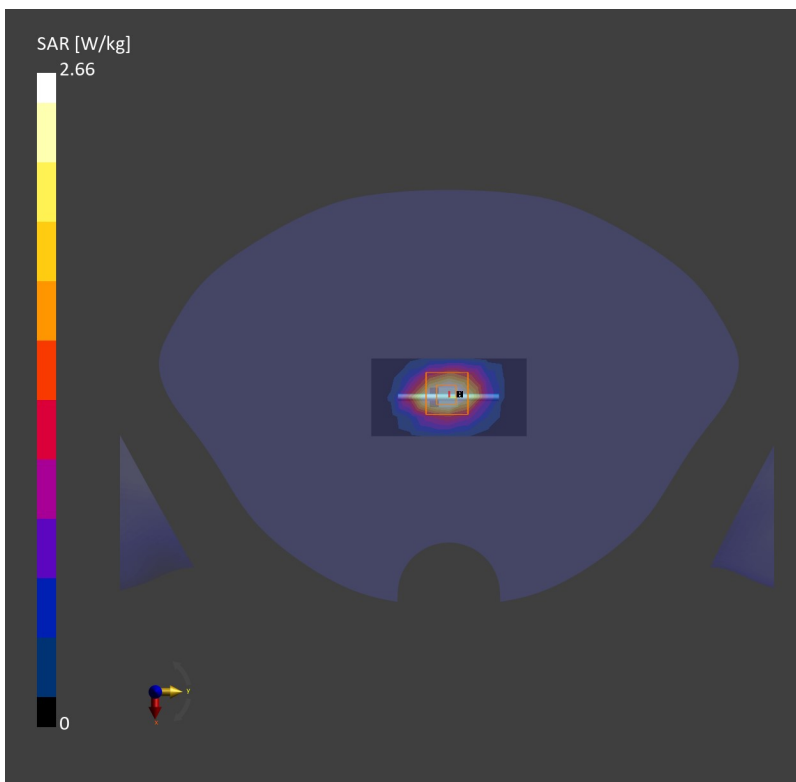
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 2.64 W/kg; SAR (10g) = 1.18 W/kg;

**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.09 dB

SAR (1g) = 2.66 W/kg; SAR (10g) = 1.23 W/kg;



## System Check\_Head\_5250MHz

**DUT:D5GHzV2 - SN:1113**

Communication System: ; Frequency: 5250.0

Medium: HSL. Medium parameters used:  $f= 5250.0$  MHz;  $\sigma= 4.67$  S/m;  $\epsilon_r = 36.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.65, 5.65, 5.65); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

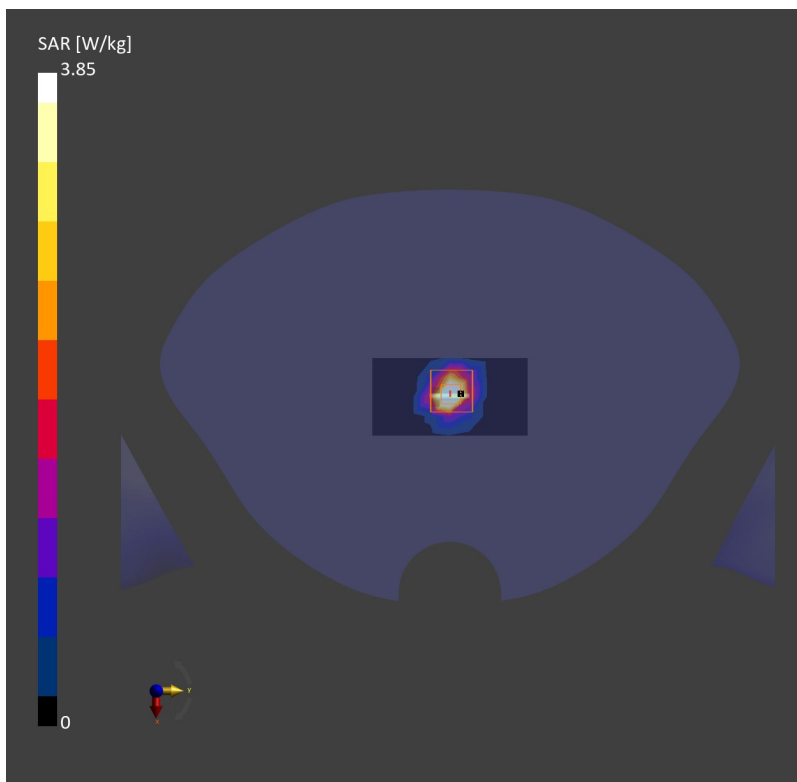
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.72 W/kg; SAR (10g) = 1.18 W/kg;

**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 = 0.08 dB

SAR (1g) = 3.85 W/kg; SAR (10g) = 1.21 W/kg;





## System Check\_Head\_5600MHz

**DUT:D5GHzV2 - SN:1113**

Communication System: ; Frequency: 5600.0

Medium: HSL. Medium parameters used:  $f= 5600.0$  MHz;  $\sigma= 5.08$  S/m;  $\epsilon_r = 36.0$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(4.9, 4.9, 4.9); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

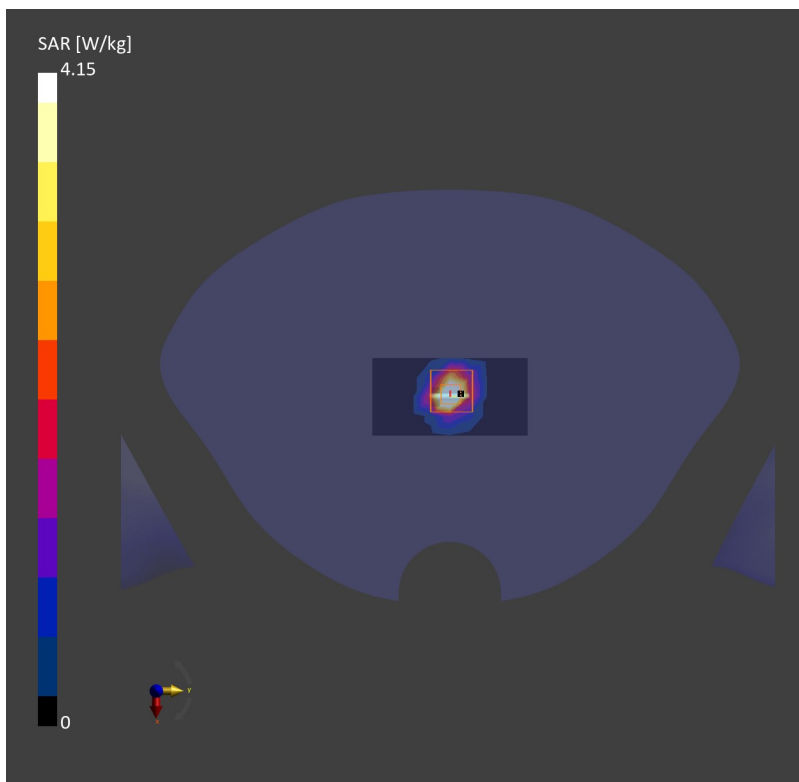
**Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.81 W/kg; SAR (10g) = 1.15 W/kg;

**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 = 0.05 dB

SAR (1g) = 4.15 W/kg; SAR (10g) = 1.21 W/kg;



## System Check\_Head\_6500MHz

**DUT:D6.5GHzV2 - SN:1031**

Communication System: ; Frequency: 6500.000

Medium: HSL. Medium parameters used:  $f= 6500.000$  MHz;  $\sigma= 6.06$  S/m;  $\epsilon_r = 34.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2022-09-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1356; Calibrated: 2022-06-30
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1644
- Measurement Software: cDASY6 V6.6.0.13926

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

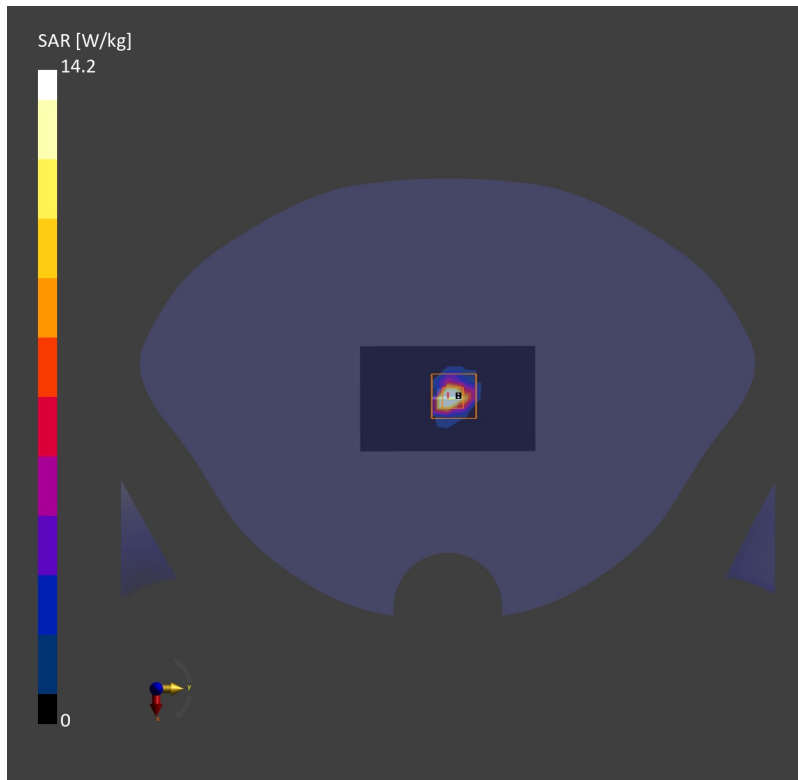
SAR (1g) = 12.0 W/kg; SAR (10g) = 2.46 W/kg;

**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 = -0.01 dB

SAR (1g) = 14.2 W/kg; SAR (10g) = 2.63 W/kg;

psAPD (4.0cm<sup>2</sup>, sq) = 62.2[W/m<sup>2</sup>]



Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	100.0 x 100.0 x 105.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2022-09-09	DAE4 Sn1356, 2022-06-30

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-06-29
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	57.0
psPDtot+ [W/m <sup>2</sup> ]	57.3
psPDmod+ [W/m <sup>2</sup> ]	58.9
E <sub>max</sub> [V/m]	182
Power Drift [dB]	-0.17

