

Date: 2025-02-11

**System Check\_Head\_2450MHz****DUT: D2450V2 - SN1095**

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

Medium: Head Simulating Liquid Medium parameters used:  $f = 2450.000$  MHz;  $\sigma = 1.82$  S/m;  $\epsilon_r = 39.2$ 

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

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 2.51 W/kg; SAR (10g) = 1.17 W/kg;

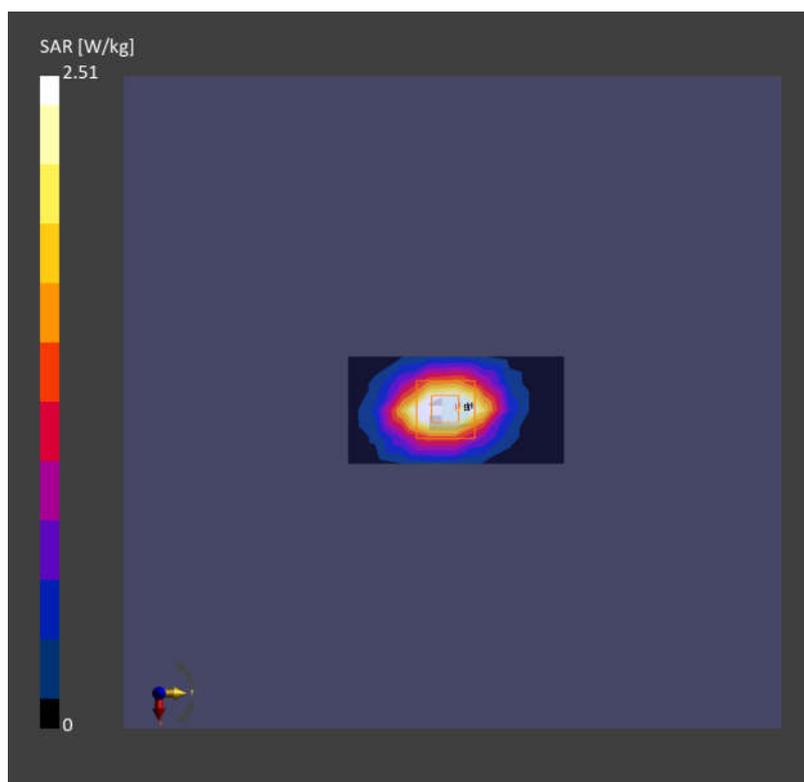
**Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 2.51 W/kg; SAR (10g) = 1.19 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 81.8 %



Date: 2025-02-12

**System Check\_Head\_5250MHz****DUT:D5GHzV2 - SN1113**

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

Medium: Head Simulating Liquid Medium parameters used:  $f=5250.000$  MHz;  $\sigma=4.56$  S/m;  $\epsilon_r=35.0$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.98, 5.87, 5.93); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 3.40 W/kg; SAR (10g) = 1.03 W/kg;

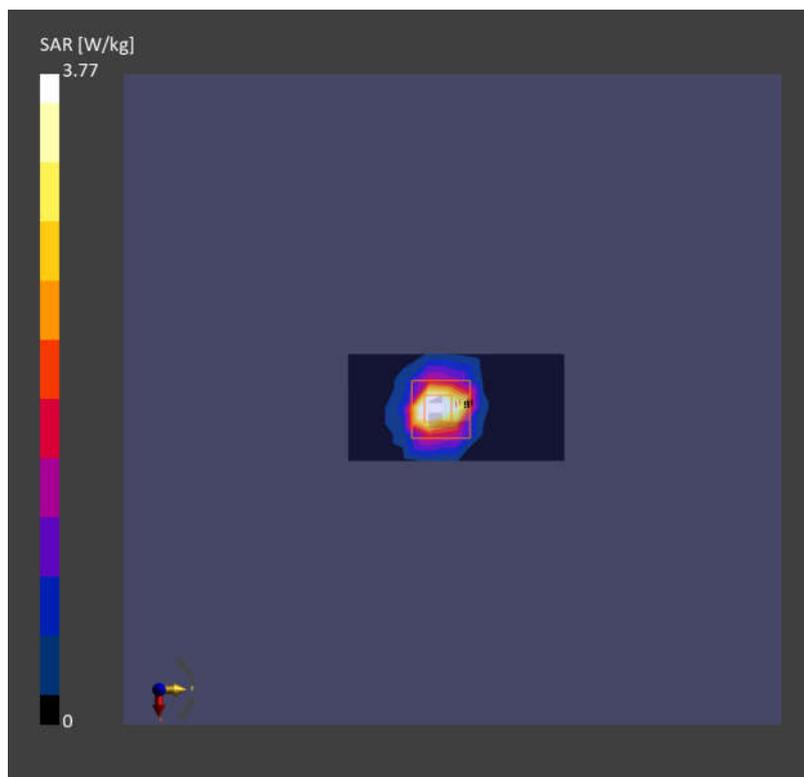
**Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.03 dB

SAR (1g) = 3.77 W/kg; SAR (10g) = 1.09 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.4 %



Date: 2025-02-13

**System Check\_Head\_5600MHz****DUT: D5GHzV2 - SN1113**

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

Medium: Head Simulating Liquid Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 4.95$  S/m;  $\epsilon_r = 34.4$ 

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

## DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.36, 5.26, 5.32); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 3.68 W/kg; SAR (10g) = 1.10 W/kg;

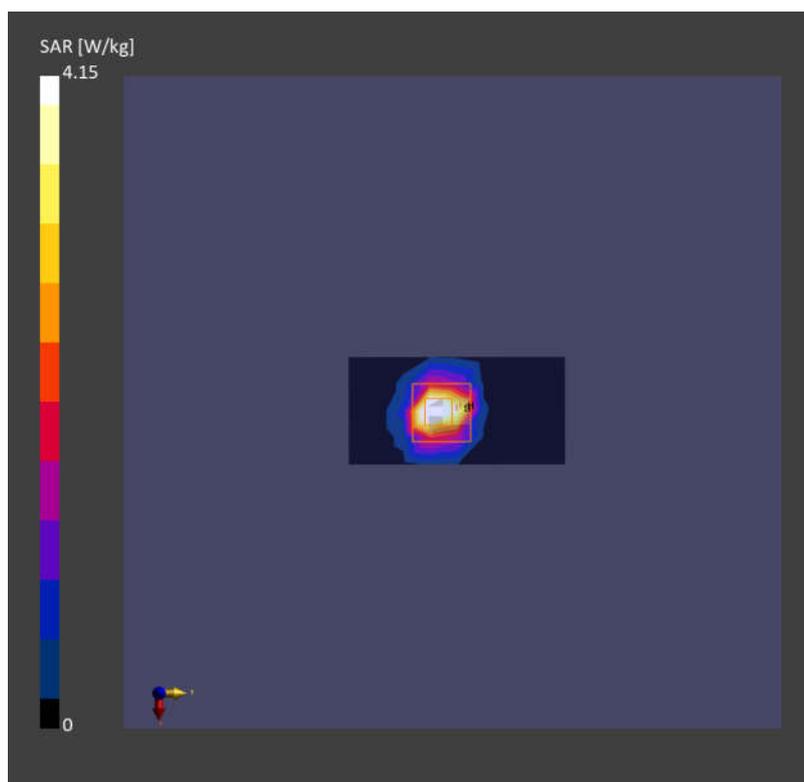
**Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.00 dB

SAR (1g) = 4.15 W/kg; SAR (10g) = 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 = 59.4 %



Date: 2025-02-14

**System Check\_Head\_5750MHz****DUT: D5GHzV2 - SN1113**

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

Medium: Head Simulating Liquid Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.12$  S/m;  $\epsilon_r = 34.1$ 

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

## DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.44, 5.34, 5.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 3.27 W/kg; SAR (10g) = 0.980 W/kg;

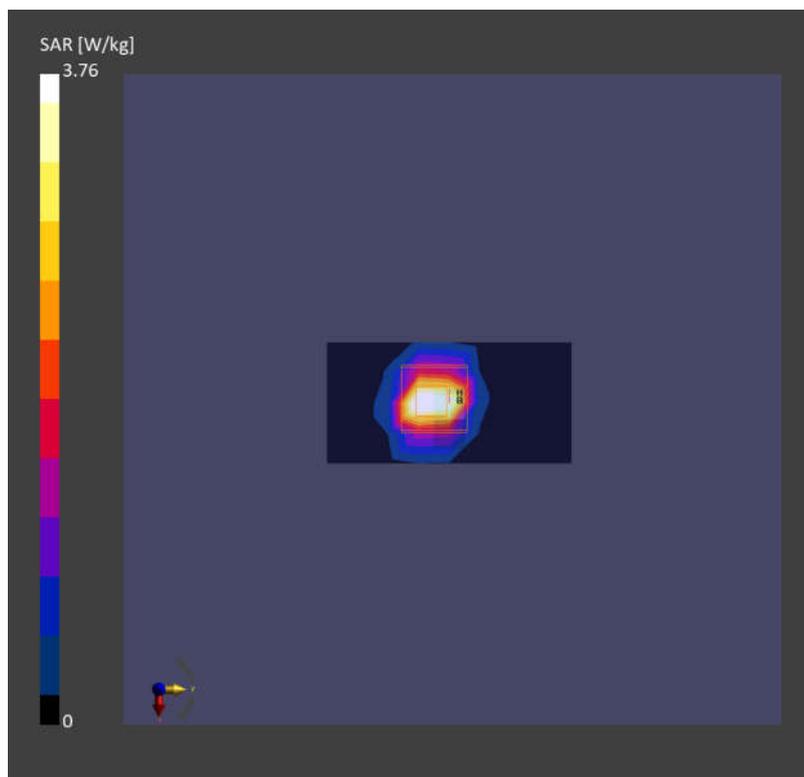
**Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 3.76 W/kg; SAR (10g) = 1.07 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.6 %



Date: 2024-02-15

**System Check\_Head\_6500MHz****DUT: D6.5GHzV2 - SN1031**

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

Medium: Head Simulating Liquid 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

## DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.74, 5.63, 5.69); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: 16.4.0.5005
- UID: CW, 0--

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

SAR (1g) = 9.96 W/kg; SAR (10g) = 2.15 W/kg;

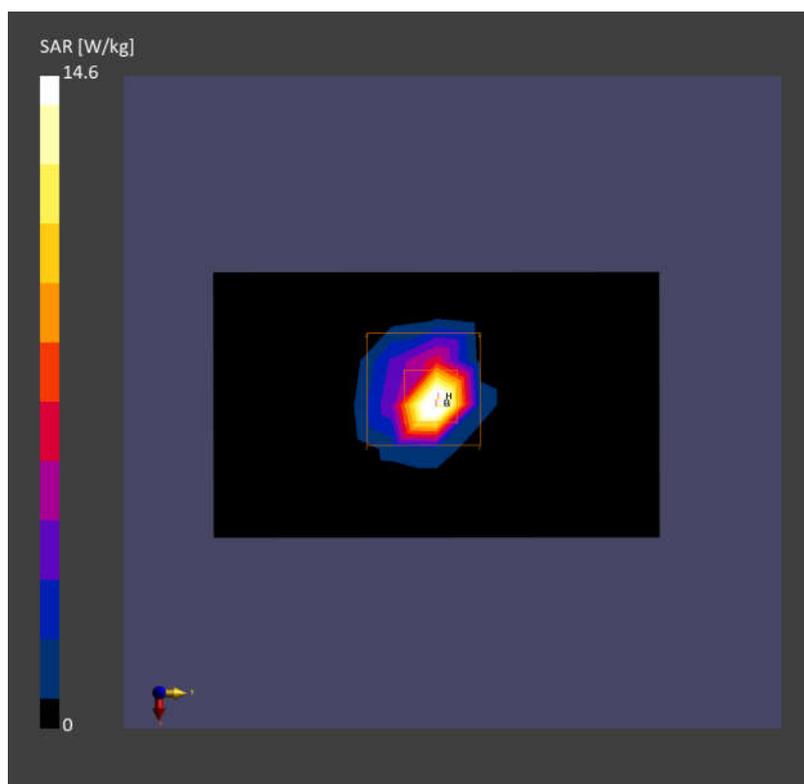
**Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 3.4 mm x 3.4mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 14.6 W/kg; SAR (10g) = 2.76 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.9 %

psAPD (4.0cm<sup>2</sup>, sq) = 66.7 [W/m<sup>2</sup>]

Measurement Report for Source 10G, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Source 10G,	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, 2024-11-15	DAE4 Sn1650, 2024-11-25

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	2025-02-09
Avg. Area [cm <sup>2</sup> ]	4.00
psPDn+ [W/m <sup>2</sup> ]	96.8
psPDtot+ [W/m <sup>2</sup> ]	97.7
psPDmod+ [W/m <sup>2</sup> ]	102
E <sub>max</sub> [V/m]	232
Power Drift [dB]	0.01

