

System Check_Head_2450MHz

DUT: D2450V2 - SN1095

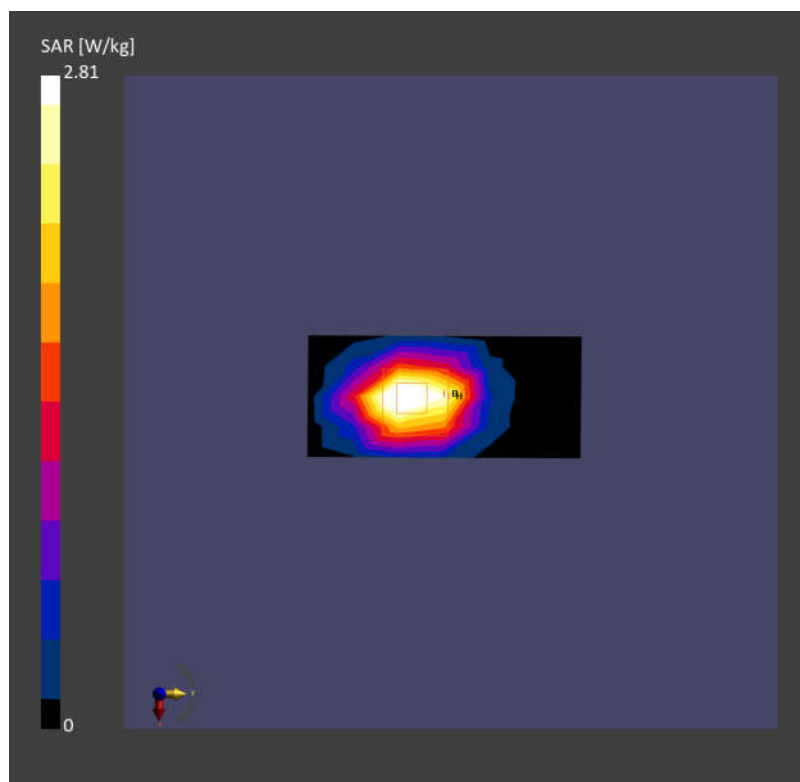
Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 37.5$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(7.47, 8.61, 7.55); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005

Pin=50mW/Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.69 W/kg; SAR (10g) = 1.27 W/kg;

Pin=50mW/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) = 2.81 W/kg; SAR (10g) = 1.30 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 80.2 %



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1113

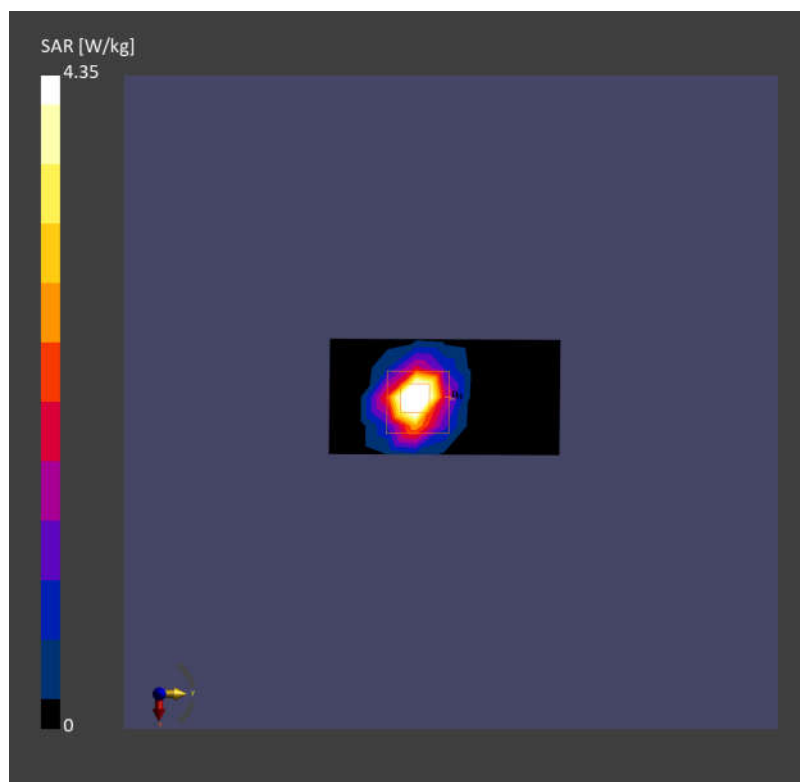
Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.58$ S/m; $\epsilon_r = 35.7$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.84, 6.82, 5.88); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.92 W/kg; SAR (10g) = 1.14 W/kg;

Pin=50mW/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) = 4.35 W/kg; SAR (10g) = 1.25 W/kg
Smallest distance from peaks to all points 3 dB below = 6.5 mm
Ratio of SAR at M2 to SAR at M1 = 65.8 %



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1113

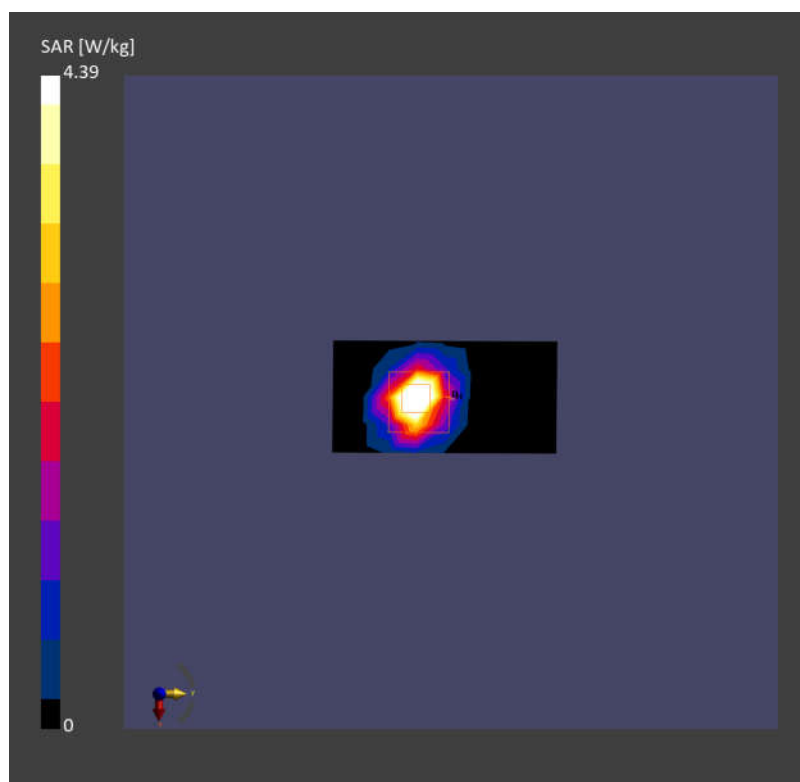
Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 5600.000$ MHz; $\sigma = 4.95$ S/m; $\epsilon_r = 35.1$
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(4.83, 5.71, 4.9); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 4.29 W/kg; SAR (10g) = 1.24 W/kg;

Pin=50mW/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 = 0.04 dB
SAR (1g) = 4.39 W/kg; SAR (10g) = 1.26 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.4 %



System Check_Head_5750MHz

DUT: D5GHzV2 - SN1113

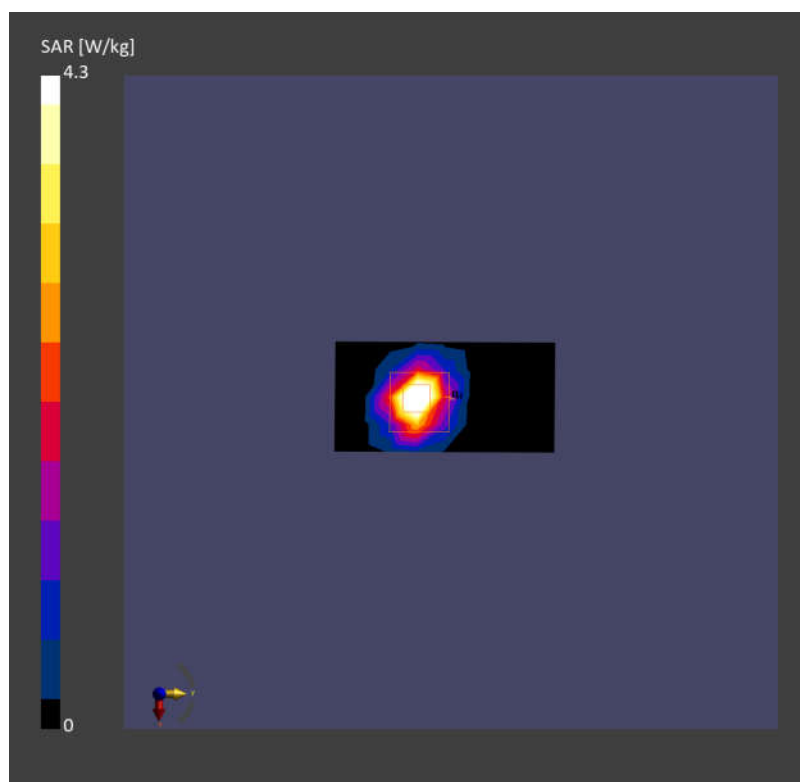
Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.11$ S/m; $\epsilon_r = 34.9$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.03, 5.88, 5.16); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.97 W/kg; SAR (10g) = 1.14 W/kg;

Pin=50mW/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 = 0.06 dB
SAR (1g) = 4.30 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.0 %



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1031

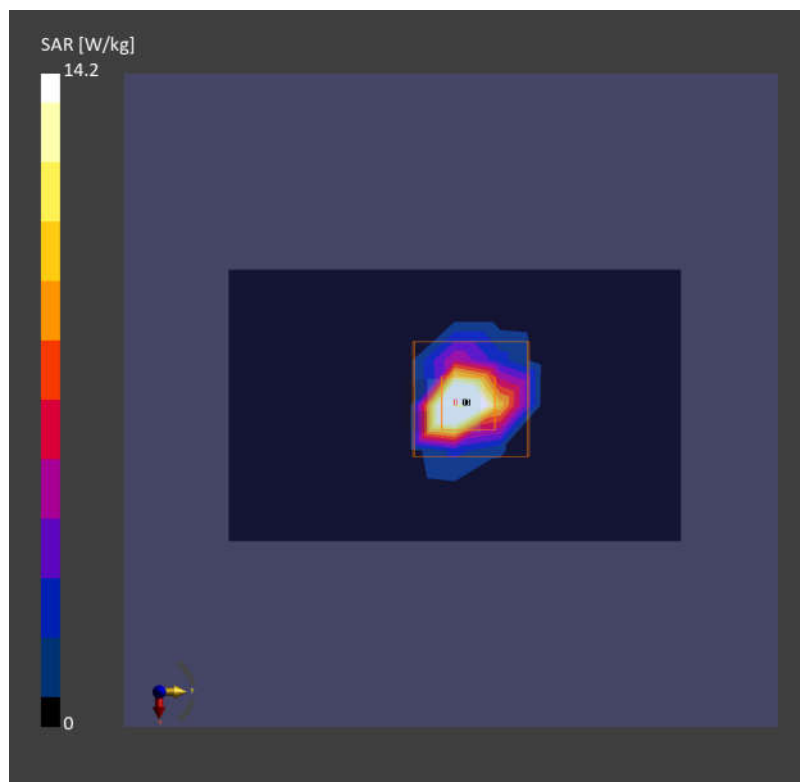
Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1
Medium: HSL Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.08$ S/m; $\epsilon_r = 34.0$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.27, 6.32, 5.24); Calibrated: 2024-01-24
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1303; Calibrated: 2023-11-20
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2135; Section: Flat
- Measurement Software: 16.4.0.5005

Pin=50mW/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;

Pin=50mW/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
Smallest distance from peaks to all points 3 dB below = 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 50.7 %
psAPD (4.0cm², sq) = 64.0 [W/m²]



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, 2023-10-18	DAE4 Sn1691, 2024-04-19

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	2024-07-08
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	61.5
psPDtot+ [W/m ²]	61.7
psPDmod+ [W/m ²]	63.6
E _{max} [V/m]	188
Power Drift [dB]	0.09

