

## System Check\_Head\_2450MHz

### DUT: D2450V2 - SN929

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

Medium: HSL\_2450\_240116 Medium parameters used:  $f=2450.000$  MHz;  $\sigma=1.80$  S/m;  $\epsilon_r=38.7$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.5, 7.5, 7.5); Calibrated: 2023-03-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2023-02-21
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227\_0mm; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

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

SAR (1g) = 2.70 W/kg; SAR (10g) = 1.24 W/kg;

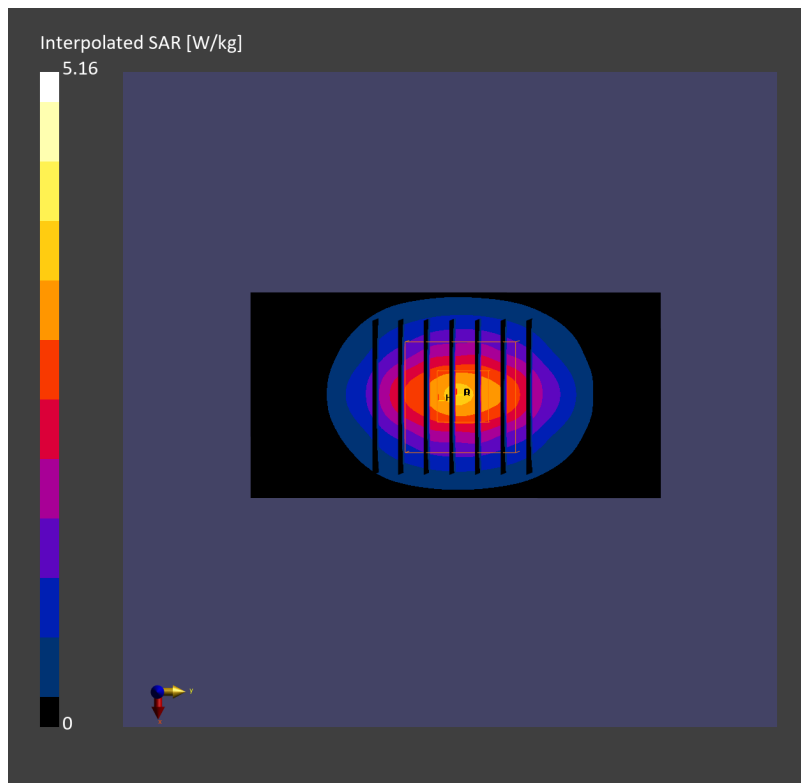
**Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.10 dB

SAR (1g) = 2.51 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.17 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 81.4 %



## System Check\_Head\_5250MHz

### DUT: D5GHzV2 - SN1171

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

Medium: HSL\_5G\_240116 Medium parameters used:  $f = 5250.000$  MHz;  $\sigma = 4.60$  S/m;  $\epsilon_r = 36.1$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.34, 5.34, 5.34); Calibrated: 2023-03-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2023-02-21
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227\_0mm; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

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

SAR (1g) = 3.53 W/kg; SAR (10g) = 1.00 W/kg;

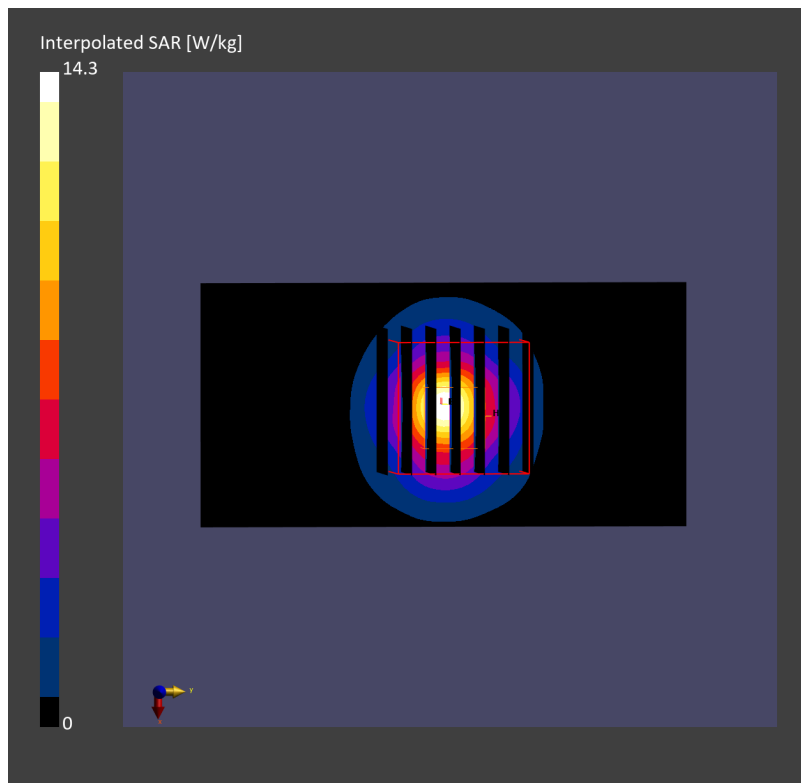
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 3.71 W/kg; SAR (8g) = 1.17 W/kg; SAR (10g) = 1.07 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.6 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1171

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

Medium: HSL\_5G\_240116 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 4.95$  S/m;  $\epsilon_r = 35.6$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(4.78, 4.78, 4.78); Calibrated: 2023-03-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2023-02-21
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227\_0mm; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

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

SAR (1g) = 3.84 W/kg; SAR (10g) = 1.08 W/kg;

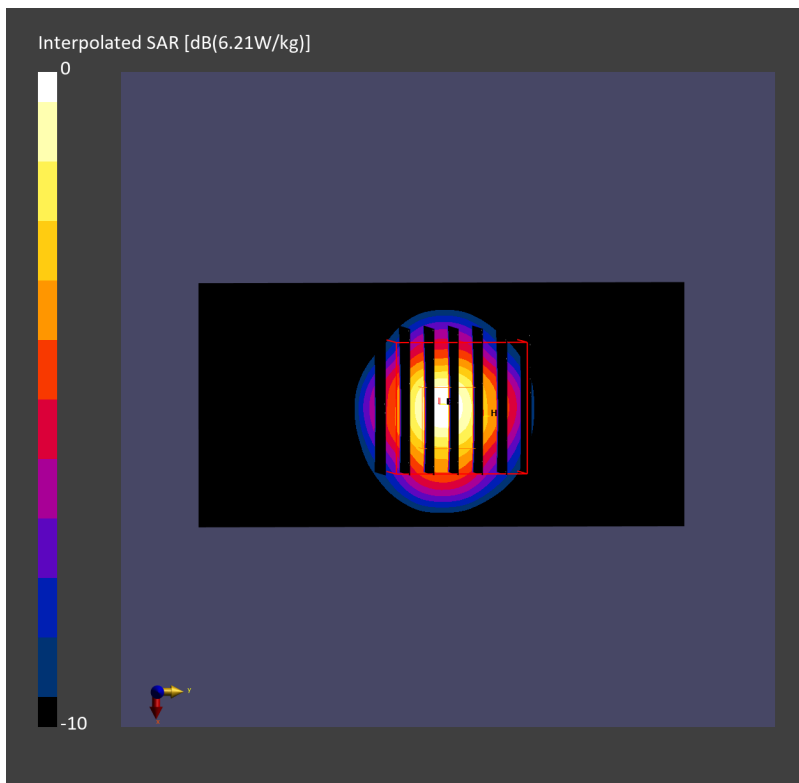
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 3.89 W/kg; SAR (8g) = 1.28 W/kg; SAR (10g) = 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 = 61.7 %



## System Check\_Head\_5800MHz

### DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_240116 Medium parameters used:  $f = 5800.000$  MHz;  $\sigma = 5.15$  S/m;  $\epsilon_r = 35.3$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02); Calibrated: 2023-03-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2023-02-21
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227\_0mm; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0--

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

SAR (1g) = 3.38 W/kg; SAR (10g) = 0.963 W/kg;

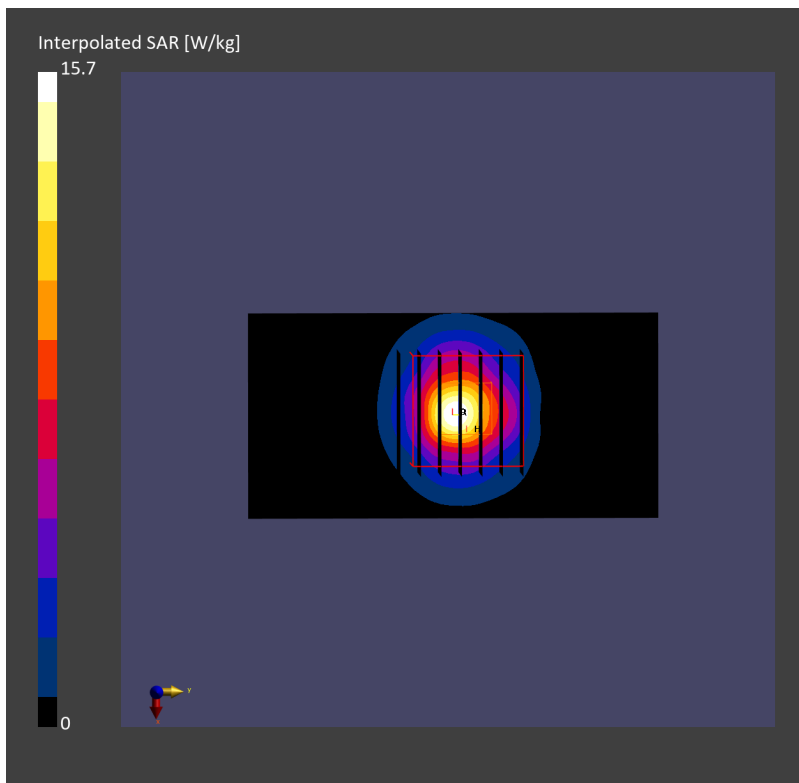
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 3.69 W/kg; SAR (8g) = 1.11 W/kg; SAR (10g) = 1.050 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.6 %



## System Check\_Head\_5800MHz

### DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz; Duty Cycle: 1:1

Medium: HSL\_5800\_240116 Medium parameters used:  $f=5800.000$  MHz;  $\sigma=5.15$  S/m;  $\epsilon_r=35.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°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, 0--

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

SAR (1g) = 3.38 W/kg; SAR (10g) = 0.970 W/kg;

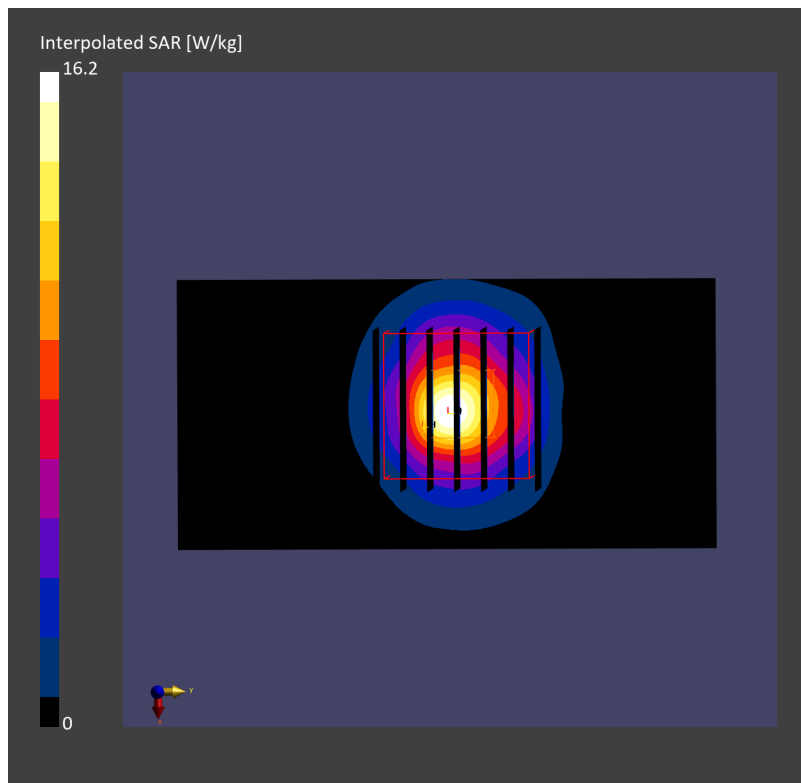
**Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 3.61 W/kg; SAR (8g) = 1.14 W/kg; SAR (10g) = 1.02 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.3 %



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1003

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

Medium: HSL\_6G\_240115 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 5.83$  S/m;  $\epsilon_r = 35.5$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(4.8, 4.6, 4.93); Calibrated: 2023-03-08
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2196; 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) = 24.4 W/kg; SAR (10g) = 4.86 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) = 27.2 W/kg; SAR (8g) = 6.36 W/kg; SAR (10g) = 5.23 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.8 %

psAPD (1.0cm<sup>2</sup>, sq) = 272 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 127 [W/m<sup>2</sup>]

