

## System Check\_Head\_2450MHz

### DUT: D2450V2 - SN736

Communication System: CW; Frequency: 2450.000 MHz

Medium: HSL\_2450\_240509 Medium parameters used:  $f=2450.000$  MHz;  $\sigma=1.82$  S/m;  $\epsilon_r=40.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(7.12, 7.04, 7.15); Calibrated: 2023-05-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 2.56 W/kg; SAR (10g) = 1.18 W/kg;

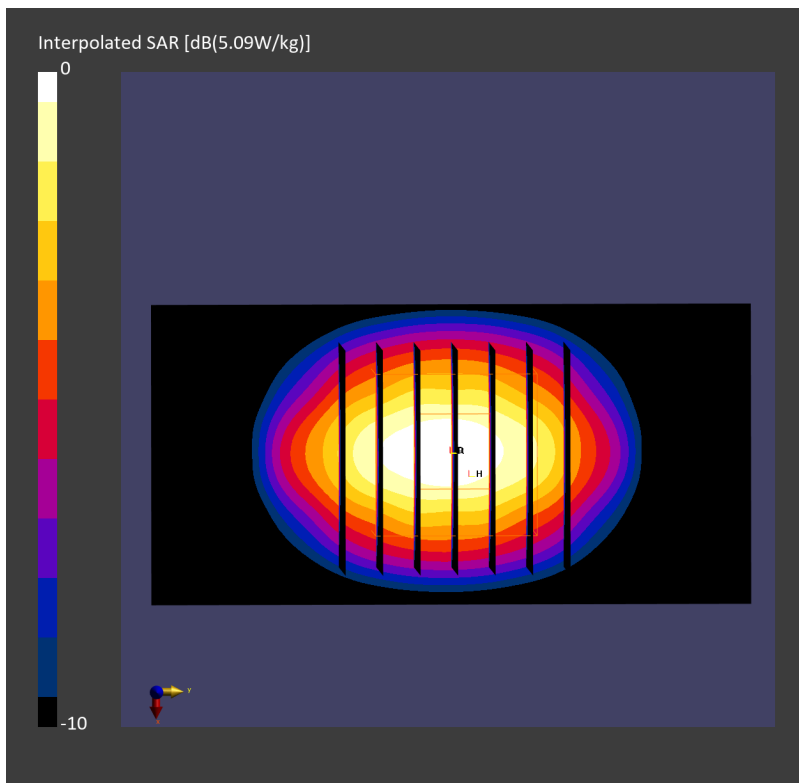
**Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm):** Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 2.50 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.18 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 - SN1006

Communication System: CW; Frequency: 5250.000 MHz

Medium: HSL\_5G\_240505 Medium parameters used:  $f = 5250.000$  MHz;  $\sigma = 4.81$  S/m;  $\epsilon_r = 36.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.51, 5.35, 5.53); Calibrated: 2023-05-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.63 W/kg; SAR (10g) = 2.15 W/kg;

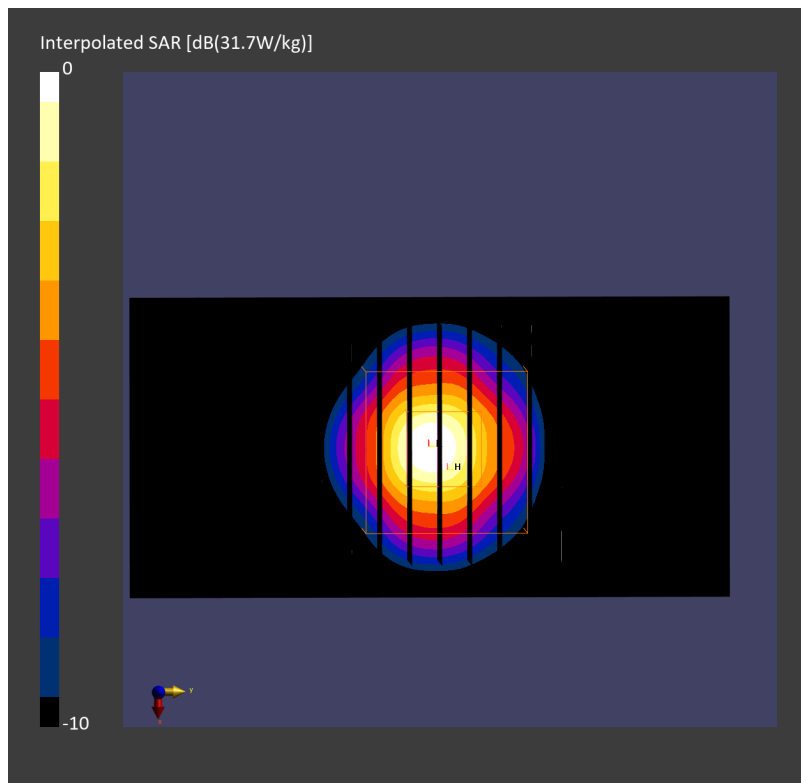
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 7.84 W/kg; SAR (8g) = 2.60 W/kg; SAR (10g) = 2.23 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.9 %



## System Check\_Head\_5600MHz

### DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5600.000 MHz

Medium: HSL\_5G\_240505 Medium parameters used:  $f = 5600.000$  MHz;  $\sigma = 5.18$  S/m;  $\epsilon_r = 36.1$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(4.69, 4.57, 4.78); Calibrated: 2023-05-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 8.67 W/kg; SAR (10g) = 2.42 W/kg;

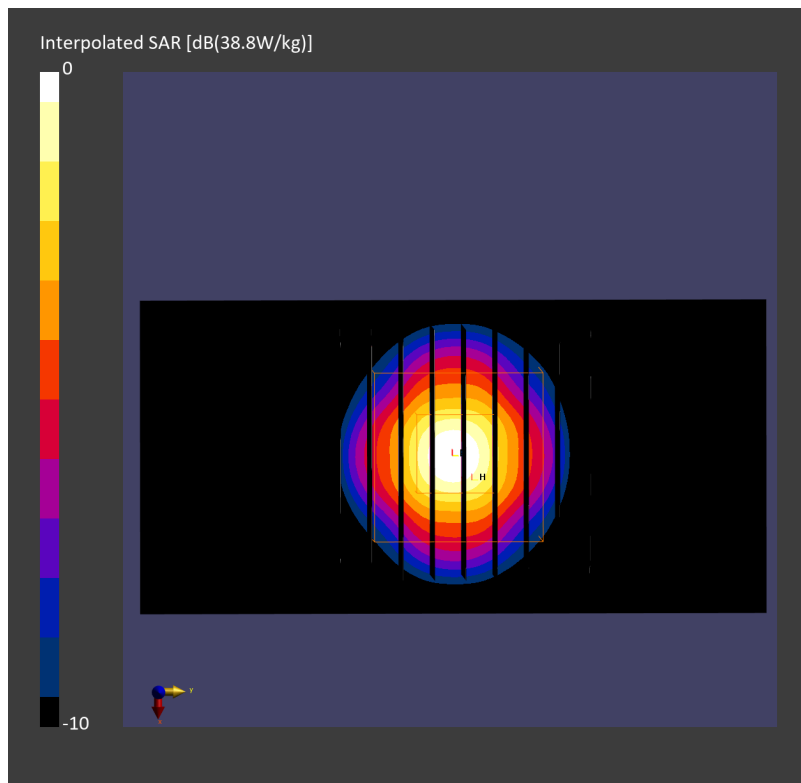
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 8.96 W/kg; SAR (8g) = 2.95 W/kg; SAR (10g) = 2.53 W/kg

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

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



## System Check\_Head\_5750MHz

### DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5750.000 MHz

Medium: HSL\_5G\_240505 Medium parameters used:  $f = 5750.000$  MHz;  $\sigma = 5.35$  S/m;  $\epsilon_r = 35.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(4.9, 4.78, 5.03); Calibrated: 2023-05-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.65 W/kg; SAR (10g) = 2.16 W/kg;

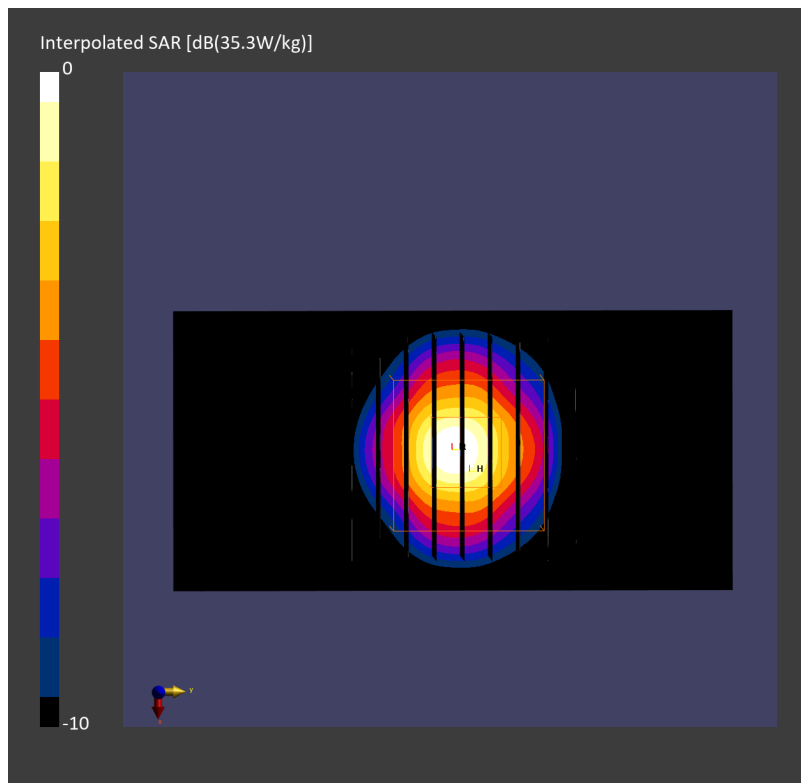
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 7.89 W/kg; SAR (8g) = 2.61 W/kg; SAR (10g) = 2.24 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.0 %



## System Check\_Head\_5800MHz

### DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL\_5G\_240507 Medium parameters used:  $f = 5800.000$  MHz;  $\sigma = 5.41$  S/m;  $\epsilon_r = 35.8$

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

#### DASY6 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(4.96, 4.83, 4.83); Calibrated: 2024-02-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm):** Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 8.02 W/kg; SAR (10g) = 2.24 W/kg;

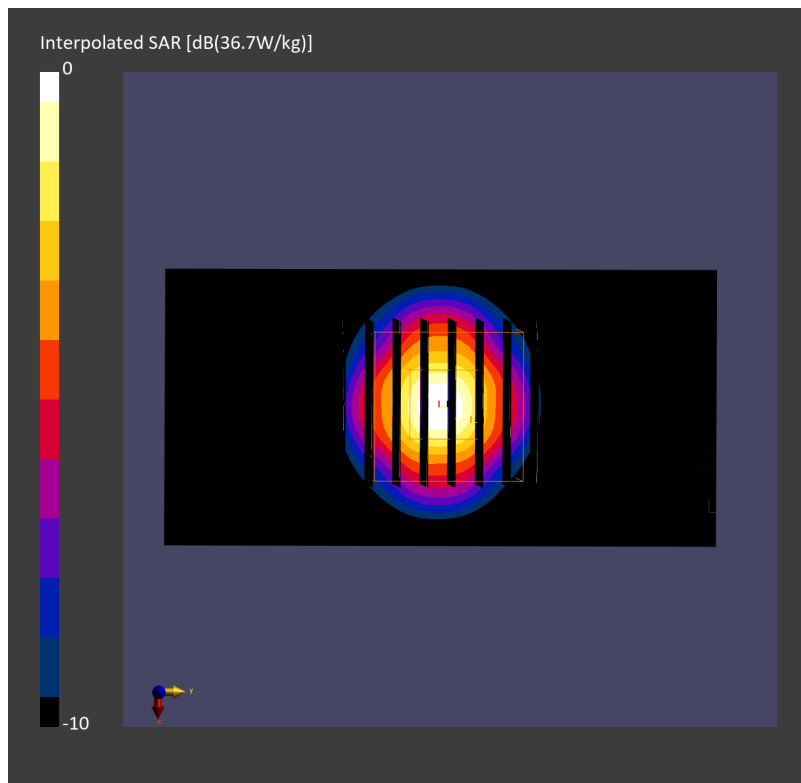
**Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm):** Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 8.25 W/kg; SAR (8g) = 2.70 W/kg; SAR (10g) = 2.32 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 %



## System Check\_Head\_6500MHz

### DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL\_6G\_240506 Medium parameters used:  $f = 6500.000$  MHz;  $\sigma = 6.11$  S/m;  $\epsilon_r = 34.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(5.13, 4.95, 5.17); Calibrated: 2023-05-30
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2024-01-18
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

**Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm):** Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 25.9 W/kg; SAR (10g) = 5.13 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 = 0.07 dB

SAR (1g) = 29.7 W/kg; SAR (8g) = 6.68 W/kg; SAR (10g) = 5.49 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.9 %

psAPD (1.0cm<sup>2</sup>, sq) = 297 [W/m<sup>2</sup>]; psAPD (4.0cm<sup>2</sup>, sq) = 134 [W/m<sup>2</sup>]

