

System Check_Head_2450MHz

DUT: D2450V2 - SN929

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

Medium: HSL_2450_231229 Medium parameters used: $f=2450.000$ MHz; $\sigma=1.84$ S/m; $\epsilon_r=40.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(7.27, 7.37, 7.98); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2023-10-23
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; 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) = 2.39 W/kg; SAR (10g) = 1.11 W/kg;

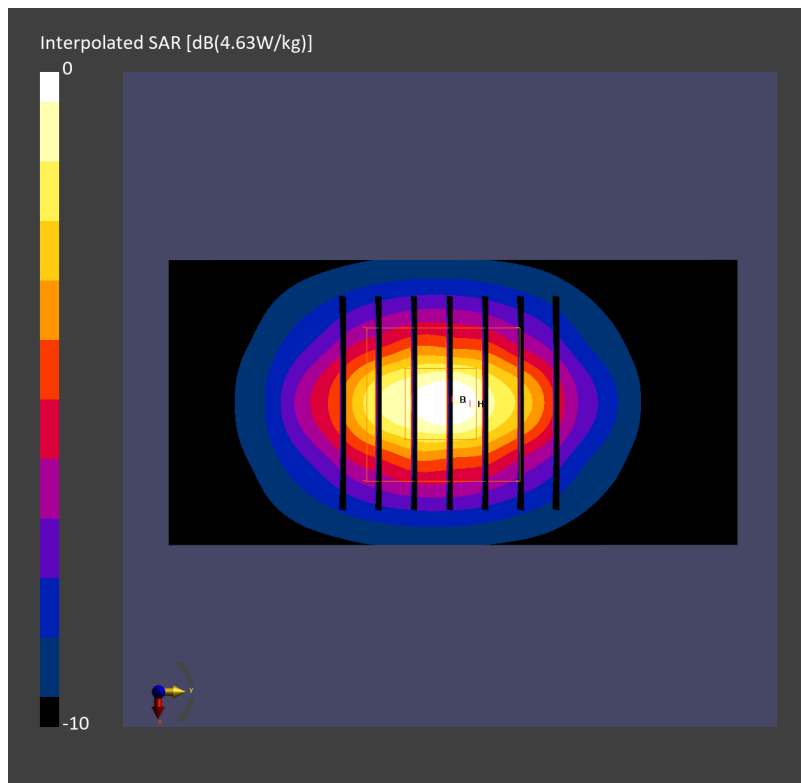
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 2.40 W/kg; SAR (8g) = 1.26 W/kg; SAR (10g) = 1.15 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 83.1 %



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_231230 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 36.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.72, 5.86, 6.29); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2023-10-23
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; 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) = 3.27 W/kg; SAR (10g) = 0.964 W/kg;

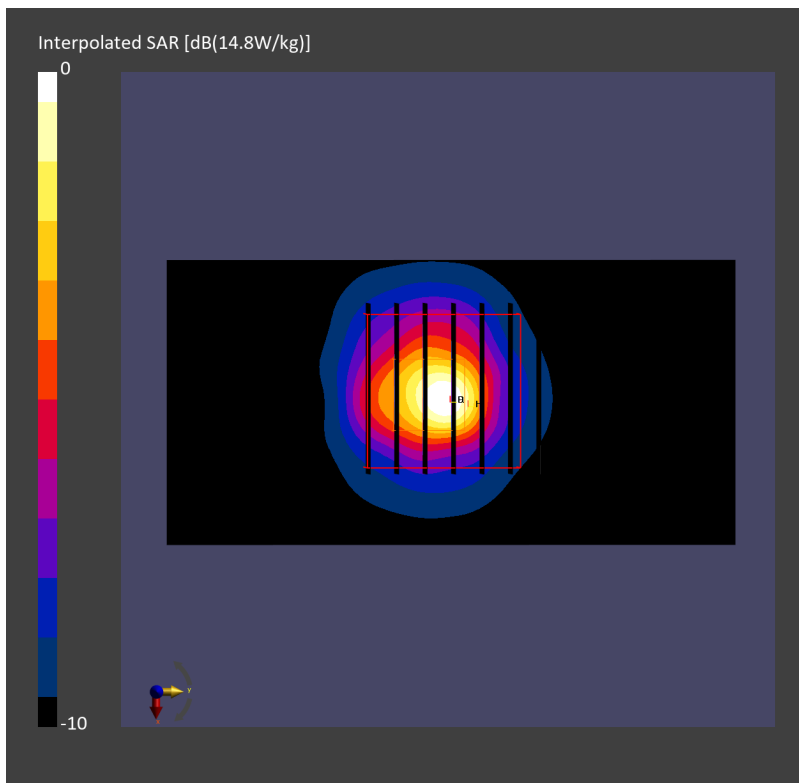
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 3.72 W/kg; SAR (8g) = 1.24 W/kg; SAR (10g) = 1.05 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.2 %



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_231230 Medium parameters used: $f = 5600.000$ MHz; $\sigma = 4.98$ S/m; $\epsilon_r = 35.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(4.88, 4.99, 5.44); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2023-10-23
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; 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) = 3.92 W/kg; SAR (10g) = 1.14 W/kg;

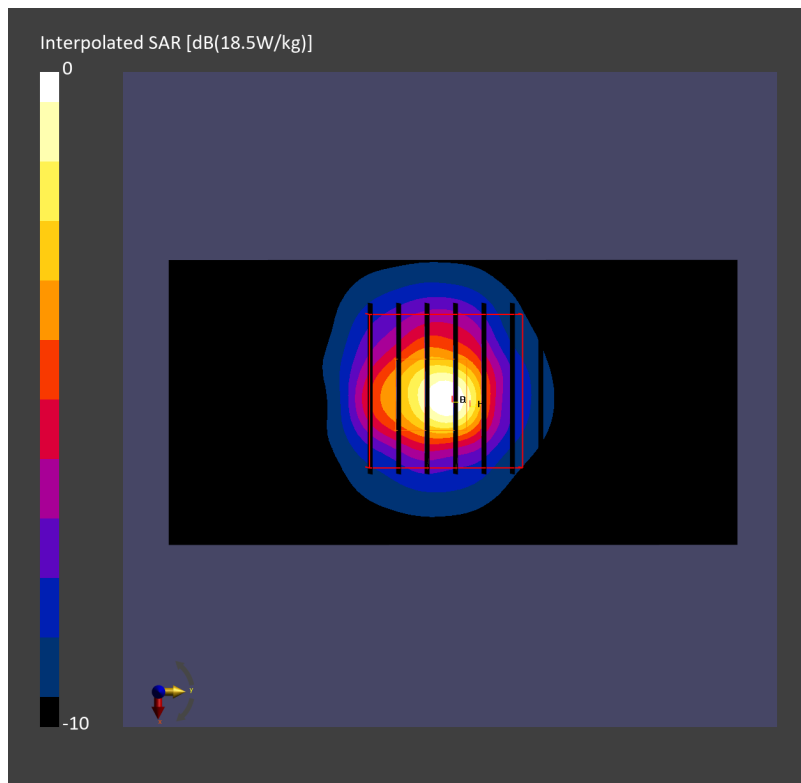
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 4.43 W/kg; SAR (8g) = 1.47 W/kg; SAR (10g) = 1.25 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.6 %



System Check_Head_5750MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_231230 Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 35.5$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.03, 5.13, 5.6); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2023-10-23
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; 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) = 3.33 W/kg; SAR (10g) = 0.967 W/kg;

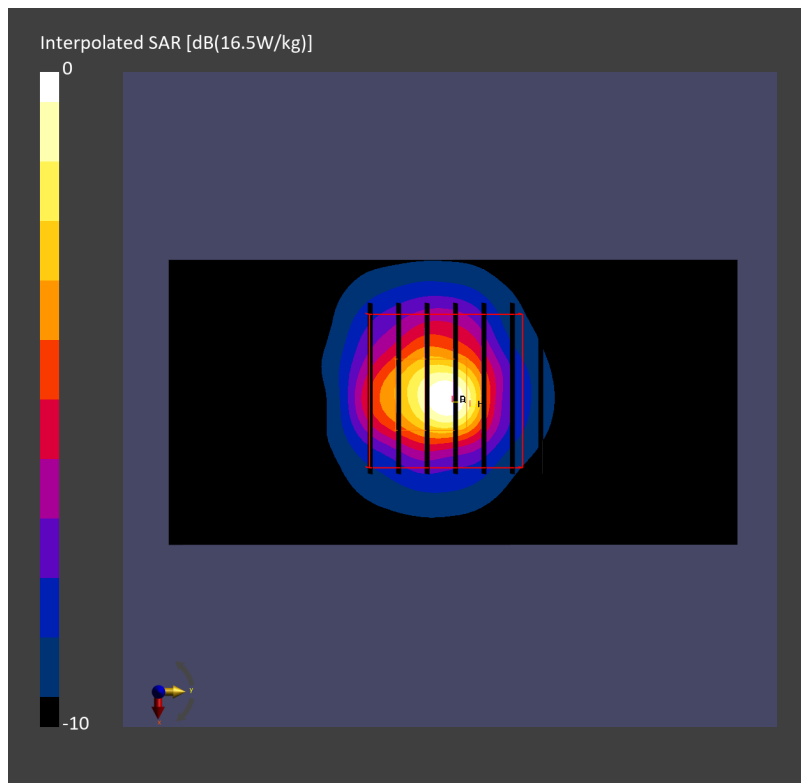
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 3.79 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.06 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.7 %



System Check_Head_5850MHz

DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1

Medium: HSL_5G_231230 Medium parameters used: $f = 5850.000$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 35.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.58, 4.58, 4.58); Calibrated: 2023-03-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; 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) = 3.49 W/kg; SAR (10g) = 1.03 W/kg;

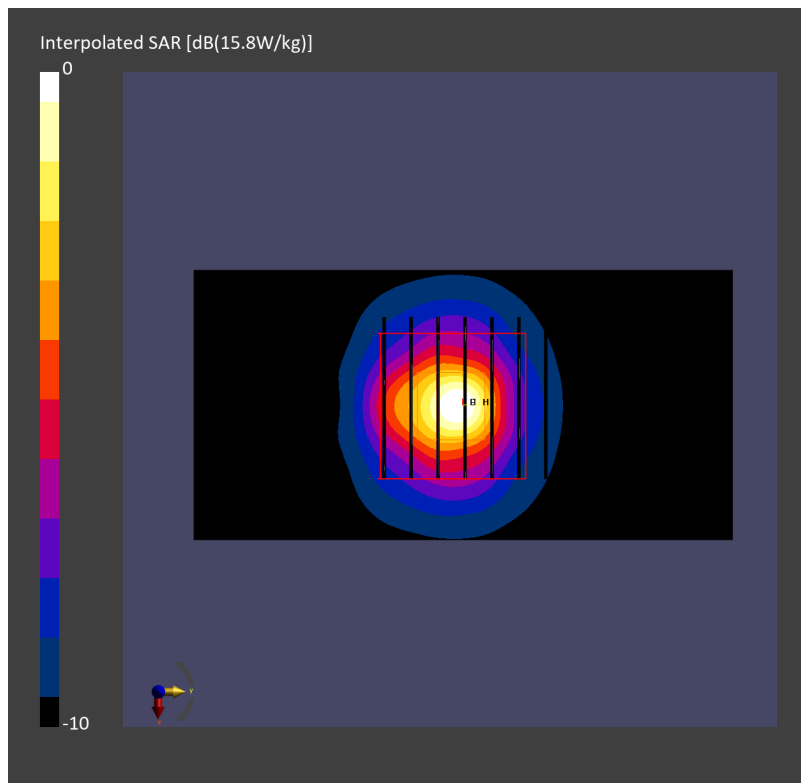
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 3.74 W/kg; SAR (8g) = 1.27 W/kg; SAR (10g) = 1.08 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.4 %



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

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

Medium: HSL_6G_231231 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.15$ S/m; $\epsilon_r = 34.8$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7695; ConvF(5.13, 5.21, 5.71); Calibrated: 2023-05-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1696; Calibrated: 2023-10-23
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2205; 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) = 20.7 W/kg; SAR (10g) = 4.72 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 = -0.01 dB

SAR (1g) = 26.9 W/kg; SAR (8g) = 6.20 W/kg; SAR (10g) = 5.09 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 52.0 %

psAPD (1.0cm², sq) = 269 [W/m²]; psAPD (4.0cm², sq) = 124 [W/m²]

