

System Check_Head_2450MHz

DUT: D2450V2 - SN929

Communication System: CW; Frequency: 2450.000 MHz

Medium: HSL_2450_240524 Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.3$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.39, 7.39, 7.39); Calibrated: 2024-03-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; 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) = 2.26 W/kg; SAR (10g) = 1.10 W/kg;

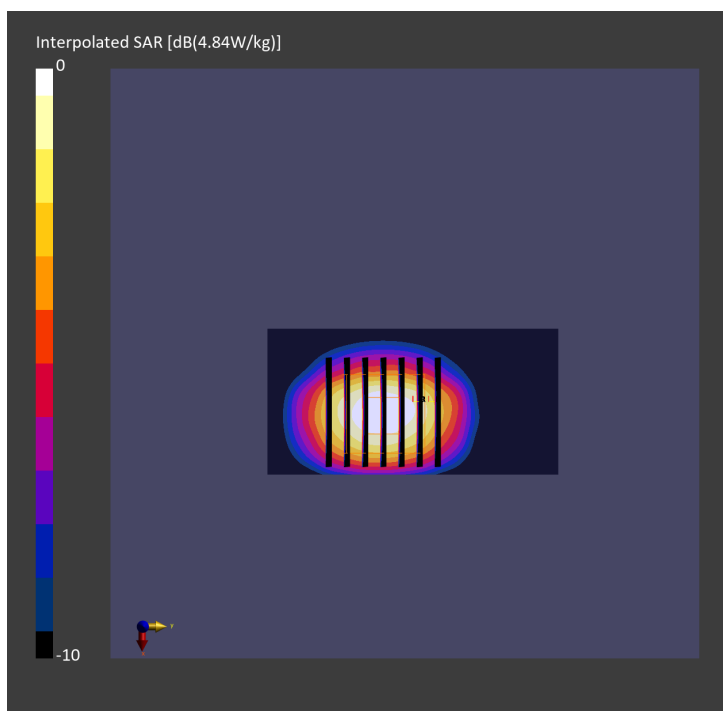
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 2.36 W/kg; SAR (8g) = 1.22 W/kg; SAR (10g) = 1.12 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.3 %



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5250.000 MHz

Medium: HSL_5G_240524 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.67$ S/m; $\epsilon_r = 36.9$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.1, 5.1, 5.1); Calibrated: 2024-03-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; 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) = 3.30 W/kg; SAR (10g) = 1.05 W/kg;

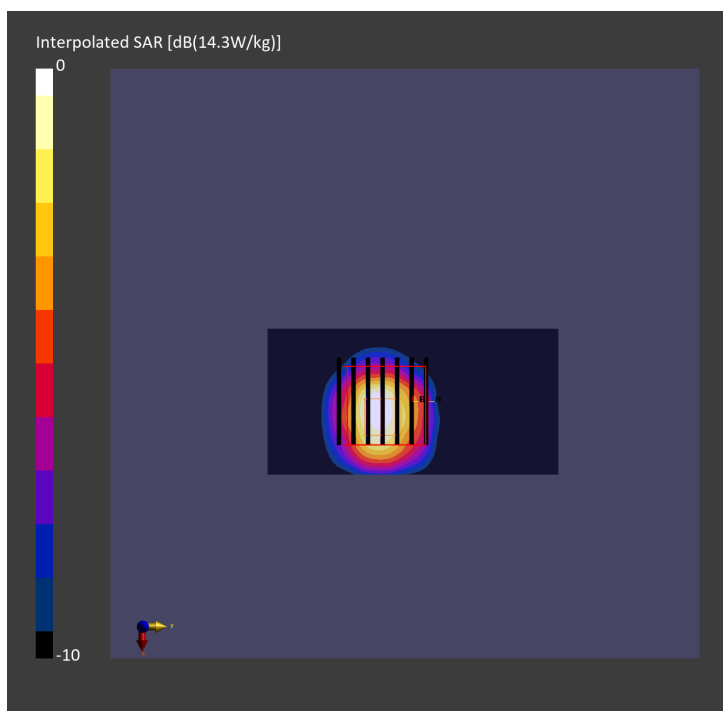
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 3.81 W/kg; SAR (8g) = 1.35 W/kg; SAR (10g) = 1.17 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.2 %



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5600.000 MHz

Medium: HSL_5G_240524 Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.04$ S/m; $\epsilon_r = 36.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.3, 4.3, 4.3); Calibrated: 2024-03-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; 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) = 3.69 W/kg; SAR (10g) = 1.16 W/kg;

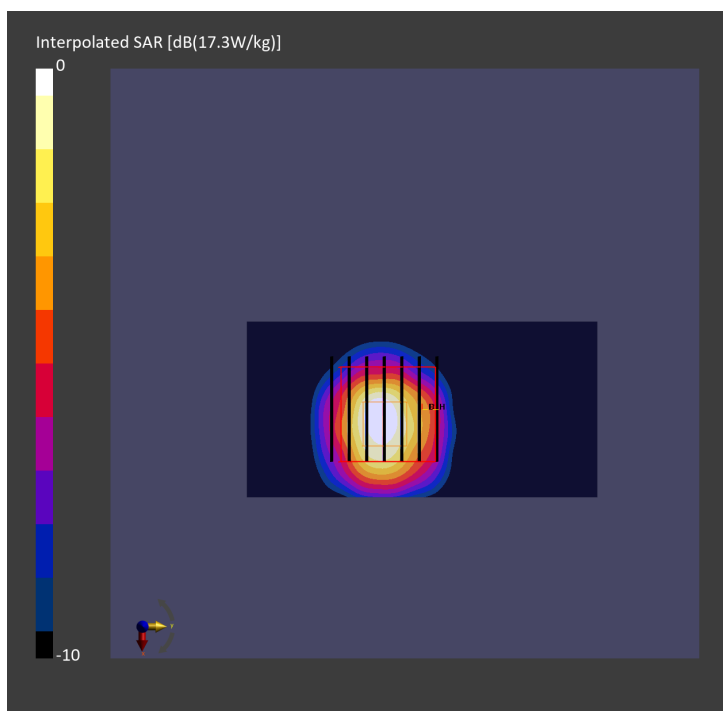
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 4.27 W/kg; SAR (8g) = 1.53 W/kg; SAR (10g) = 1.33 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.3 %



System Check_Head_5800MHz

DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL_5G_240524 Medium parameters used: $f = 5800.000$ MHz; $\sigma = 5.25$ S/m; $\epsilon_r = 36.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.46, 4.46, 4.46); Calibrated: 2024-03-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; 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) = 3.61 W/kg; SAR (10g) = 1.06 W/kg;

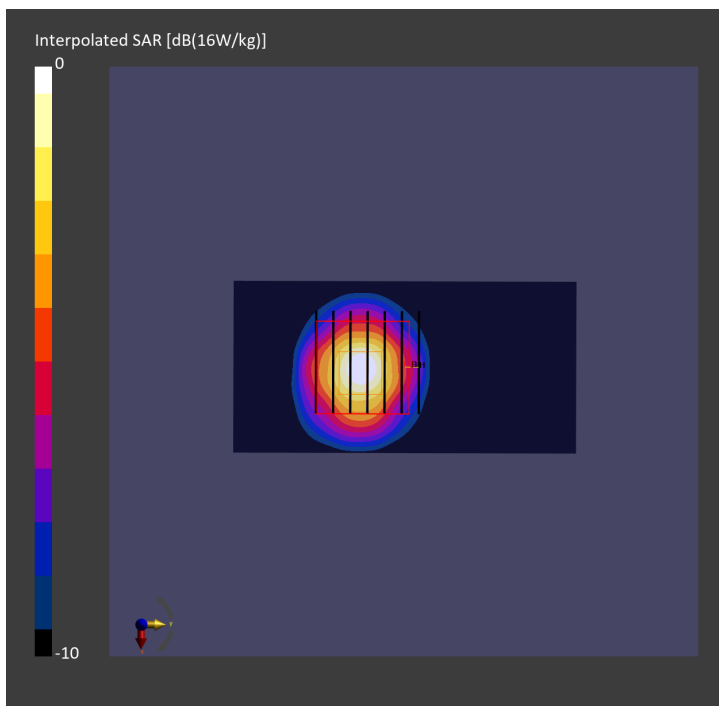
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 3.90 W/kg; SAR (8g) = 1.42 W/kg; SAR (10g) = 1.22 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.7 %



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_6G_240525 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 34.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.85, 4.85, 4.85); Calibrated: 2024-03-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn699; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; 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) = 20.1 W/kg; SAR (10g) = 4.25 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 = 0.04 dB

SAR (1g) = 27.9 W/kg; SAR (8g) = 5.98 W/kg; SAR (10g) = 5.15 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.4 %

psAPD (1.0cm², sq) = 279 [W/m²]; psAPD (4.0cm², sq) = 131 [W/m²]

