

Date: 2025-01-01

System Check_Head_2450MHz

DUT: D2450V2 - SN736

Communication System: CW; Frequency: 2450.000 MHz

Medium: HSL_2450_250101 Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.76, 7.16); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 2.71 W/kg; SAR (10g) = 1.24 W/kg;

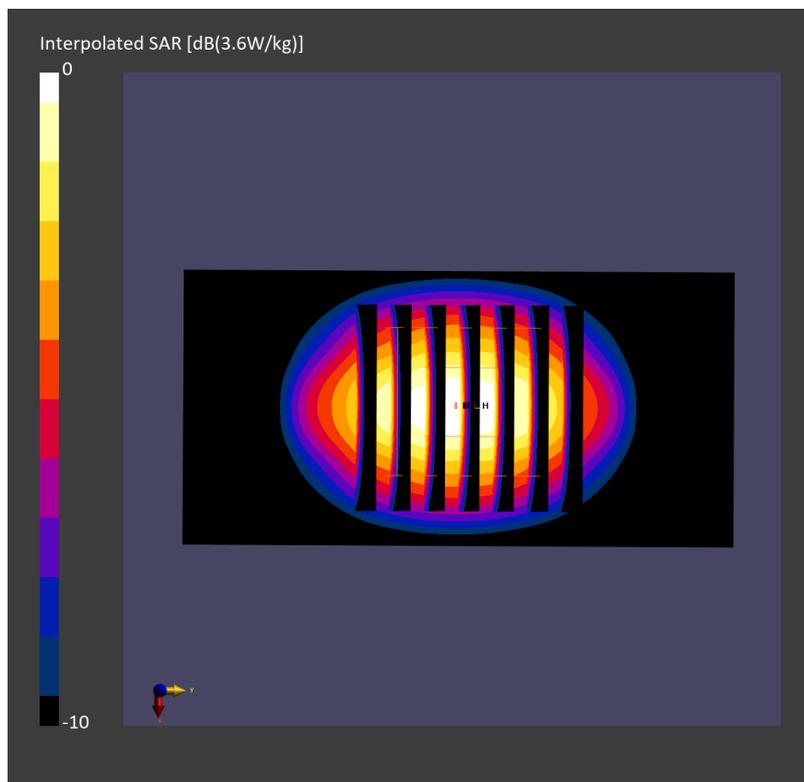
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 2.68 W/kg; SAR (8g) = 1.42 W/kg; SAR (10g) = 1.29 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



Date: 2025-01-01

System Check_Head_5250MHz

DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz

Medium: HSL_5G_250101 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.72$ S/m; $\epsilon_r = 36.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.28, 5.18, 5.48); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 3.50 W/kg; SAR (10g) = 1.07 W/kg;

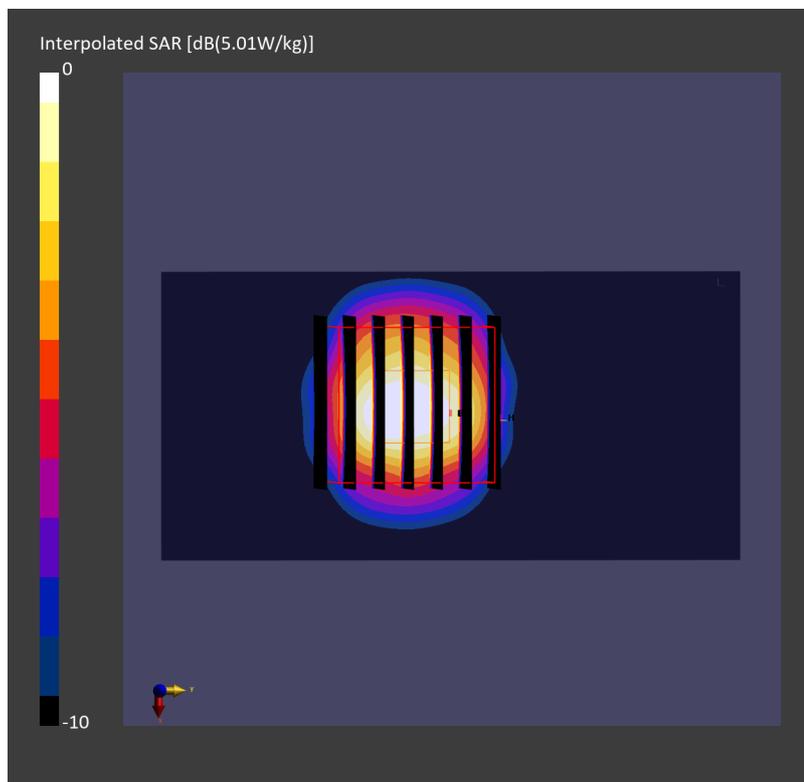
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 4.13 W/kg; SAR (8g) = 1.42 W/kg; SAR (10g) = 1.22 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 67.0 %



Date: 2025-01-01

System Check_Head_5600MHz

DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz

Medium: HSL_5G_250101 Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 35.3$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.77, 4.68, 4.95); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 3.89 W/kg; SAR (10g) = 1.18 W/kg;

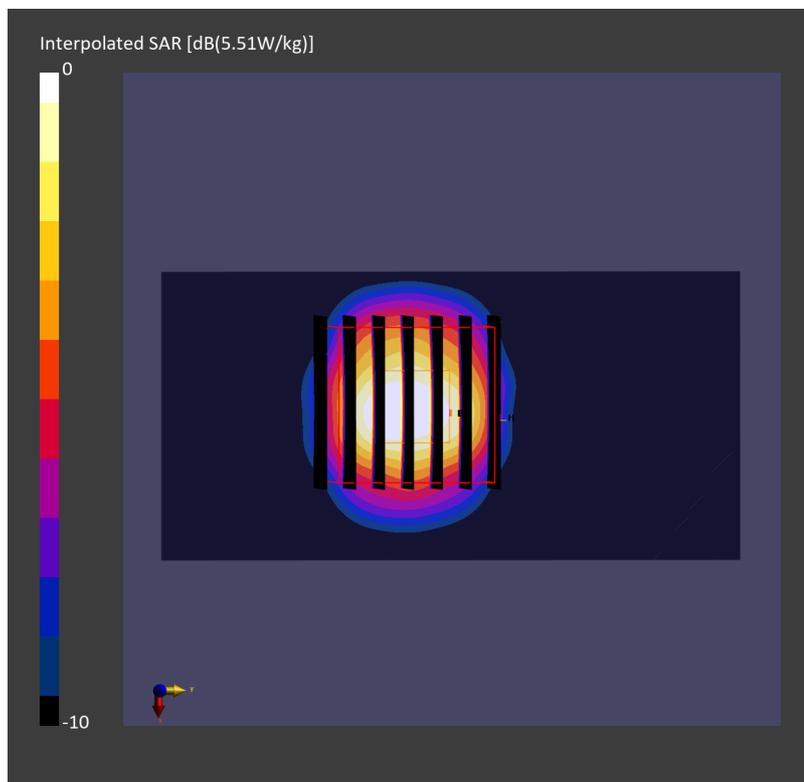
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 4.28 W/kg; SAR (8g) = 1.47 W/kg; SAR (10g) = 1.27 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.7 %



Date: 2025-01-01

System Check_Head_5800MHz

DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL_5G_250101 Medium parameters used: $f = 5800.000$ MHz; $\sigma = 5.41$ S/m; $\epsilon_r = 35.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.8, 4.71, 4.99); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 3.54 W/kg; SAR (10g) = 1.08 W/kg;

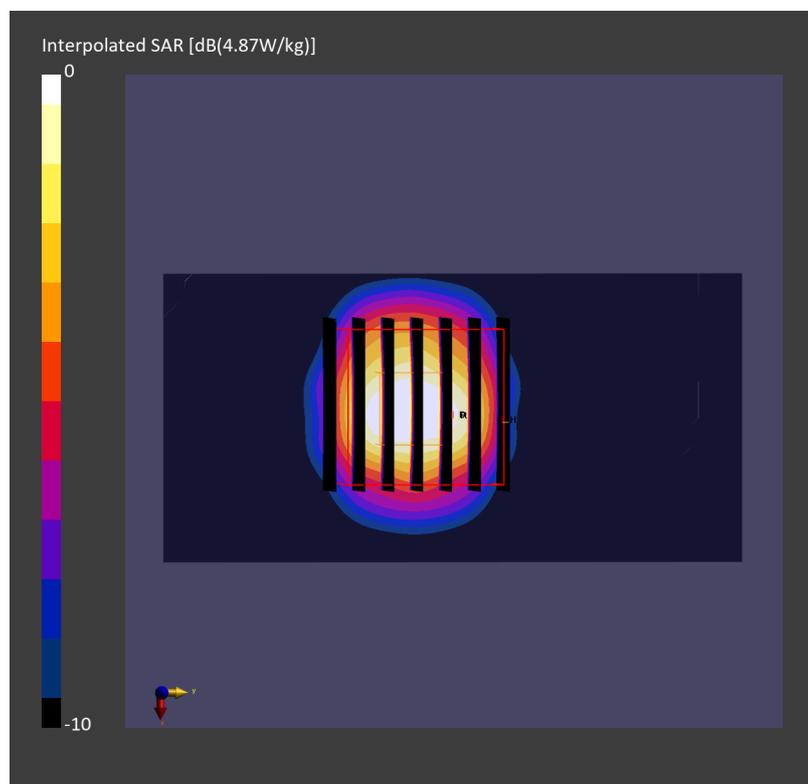
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.09 dB

SAR (1g) = 3.97 W/kg; SAR (8g) = 1.34 W/kg; SAR (10g) = 1.16 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.5 %



Date: 2025-01-01

System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_6G_250101 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.14$ S/m; $\epsilon_r = 34.9$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 28.3 W/kg; SAR (10g) = 5.32 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 = 0.03 dB

SAR (1g) = 31.1 W/kg; SAR (8g) = 6.96 W/kg; SAR (10g) = 5.70 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 51.3 %

psAPD (1.0cm², sq) = 311 [W/m²]; psAPD (4.0cm², sq) = 139 [W/m²]

