

System Check_Head_2450MHz

DUT: D2450V2-736

Communication System: CW; Frequency: 2450.0 MHz; Duty Cycle: 1:1

Medium: HSL_2450_221211 Medium parameters used: $f = 2450.0$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 38.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.54, 7.54, 7.54); Calibrated: 2022-07-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2022-08-25
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW, 0--

Pin=17.0dBm/Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm

SAR (1g) = 2.38 W/kg; SAR (10g) = 1.11 W/kg;

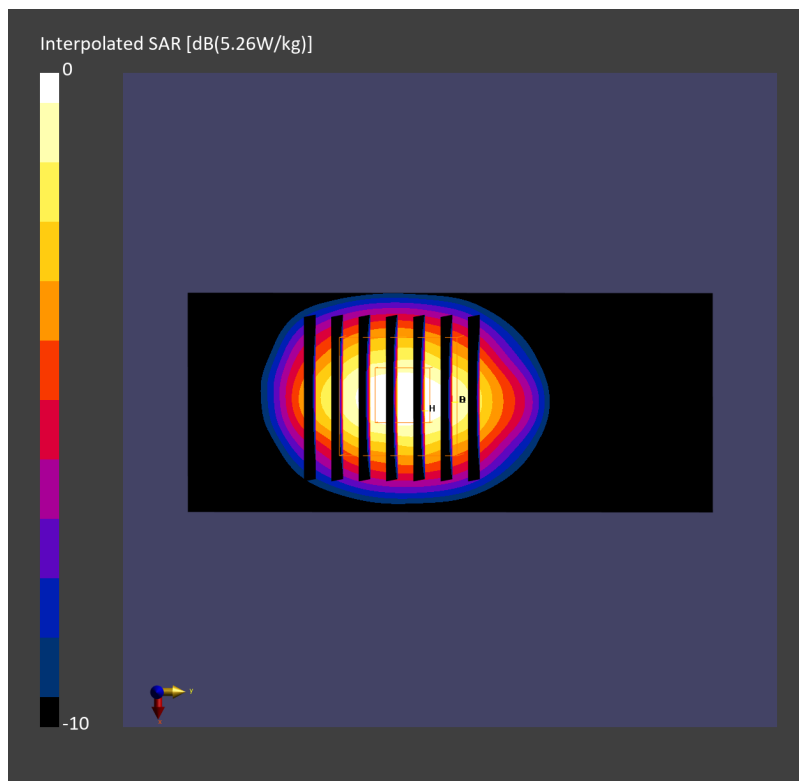
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 2.45 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.14 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 78.1 %



System Check_Head_5250MHz

DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5250.0 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221213 Medium parameters used: $f = 5250.0$ MHz; $\sigma = 4.67$ S/m; $\epsilon_r = 35.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34); Calibrated: 2022-07-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2022-08-25
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.2.1588
- 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) = 3.29 W/kg; SAR (10g) = 1.01 W/kg;

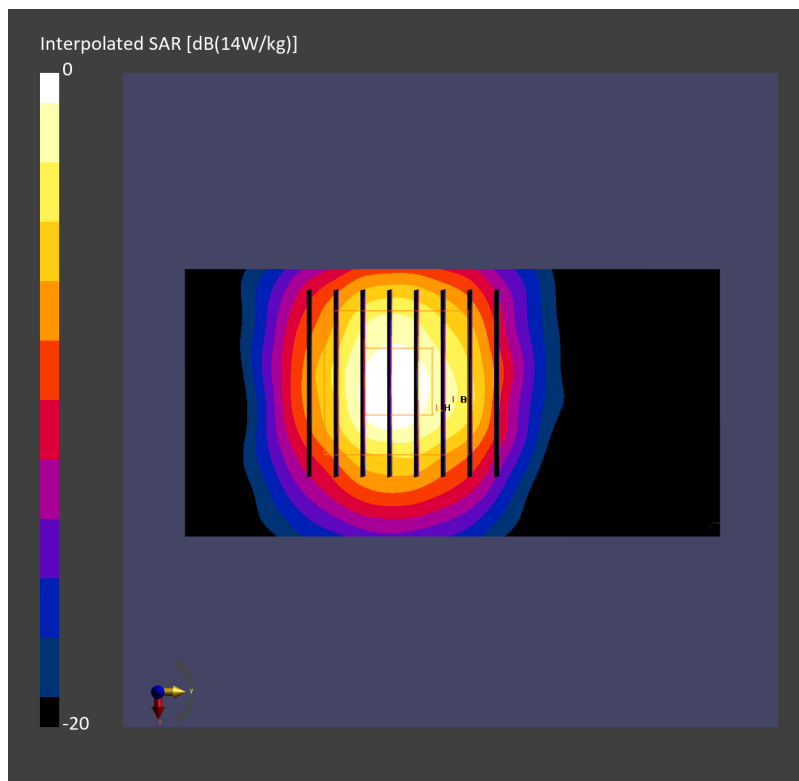
Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.00 dB

SAR (1g) = 3.71 W/kg; SAR (8g) = 1.24 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 = 64.7 %



System Check_Head_5600MHz

DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5600.0 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221213 Medium parameters used: $f = 5600.0$ MHz; $\sigma = 5.06$ S/m; $\epsilon_r = 35.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.66, 4.66, 4.66); Calibrated: 2022-07-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2022-08-25
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.2.1588
- 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) = 3.87 W/kg; SAR (10g) = 1.17 W/kg;

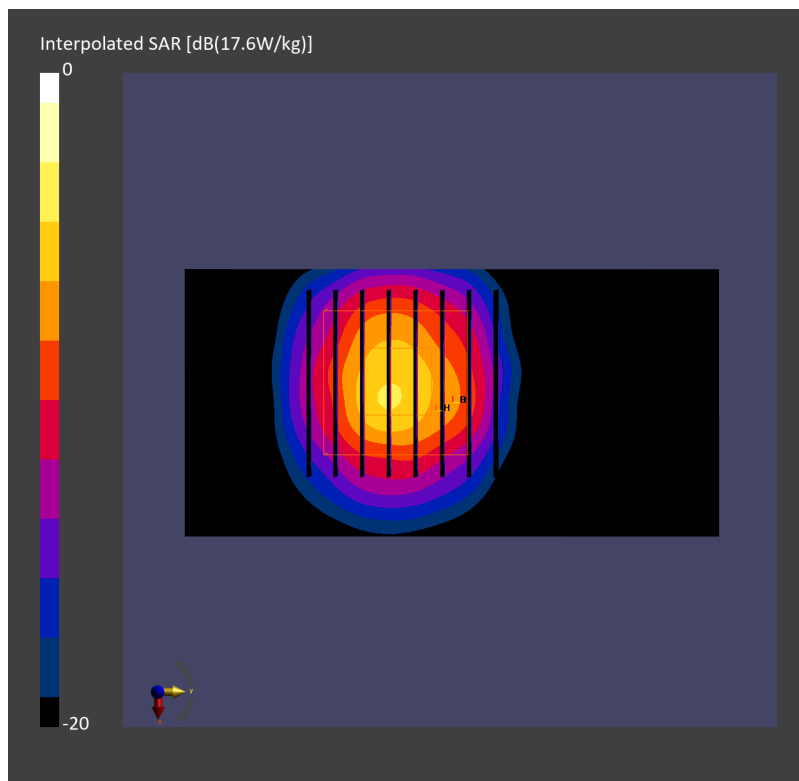
Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 4.28 W/kg; SAR (8g) = 1.44 W/kg; SAR (10g) = 1.24 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.0 %



System Check_Head_5750MHz

DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5750.0 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221213 Medium parameters used: $f = 5750.0$ MHz; $\sigma = 5.25$ S/m; $\epsilon_r = 35.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.96, 4.96, 4.96); Calibrated: 2022-07-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2022-08-25
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.2.1588
- 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) = 3.39 W/kg; SAR (10g) = 0.990 W/kg;

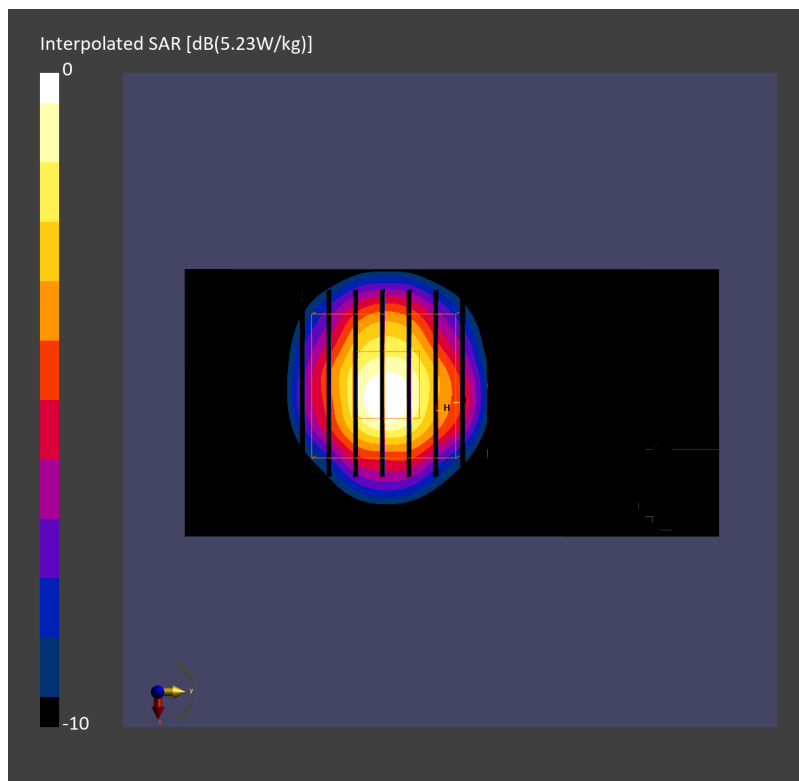
Pin=17.0dBm/Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 3.70 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.08 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.7 %



System Check_Head_6500MHz

DUT: D6.5GHzV2-1003

Communication System: CW; Frequency: 6500.0 MHz; Duty Cycle: 1:1

Medium: HSL_6G_221212 Medium parameters used: $f = 6500.0$ MHz; $\sigma = 6.16$ S/m; $\epsilon_r = 34.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.05, 5.05, 5.05); Calibrated: 2022-07-28
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1311; Calibrated: 2022-08-25
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2156; Section: Flat
- Measurement Software: 16.2.2.1588
- 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) = 26.0 W/kg; SAR (10g) = 5.28 W/kg;

Pin=20.0dBm/Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.19 dB

SAR (1g) = 29.8 W/kg; SAR (8g) = 6.85 W/kg; SAR (10g) = 5.64 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52.3 %

psAPD (1.0cm², sq) = 298 [W/m²]; psAPD (4.0cm², sq) = 137 [W/m²]

