

System Check_Head_2450MHz

DUT: D2450V2-736

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_600-7200_260730 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 39.726$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.54, 6.53, 6.24) @ 2450 MHz; Calibrated: 2025/11/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2025/10/15
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.26 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.03 V/m; Power Drift = 0.02 dB

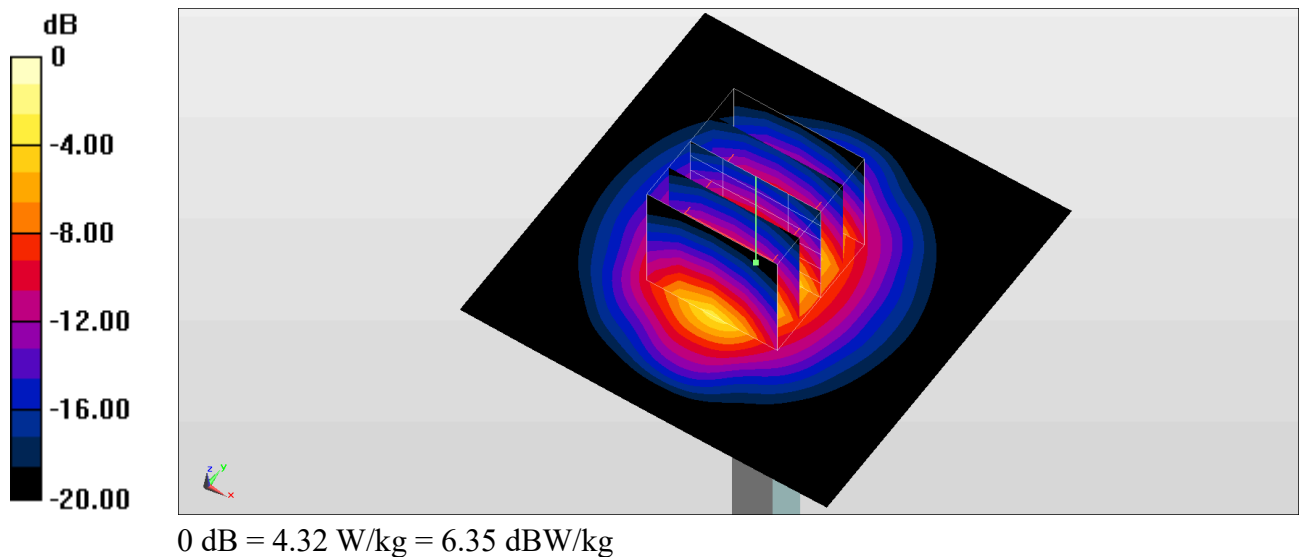
Peak SAR (extrapolated) = 5.16 W/kg

SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.25 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.6 mm

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

Maximum value of SAR (measured) = 4.32 W/kg



System Check_Head_5250MHz

DUT: D5GHzV2 - SN1006

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL_600-7200_260731 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.589$ S/m; $\epsilon_r = 34.902$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.98, 4.97, 4.75) @ 5250 MHz; Calibrated: 2025/11/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2025/10/15
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.49 V/m; Power Drift = -0.05 dB

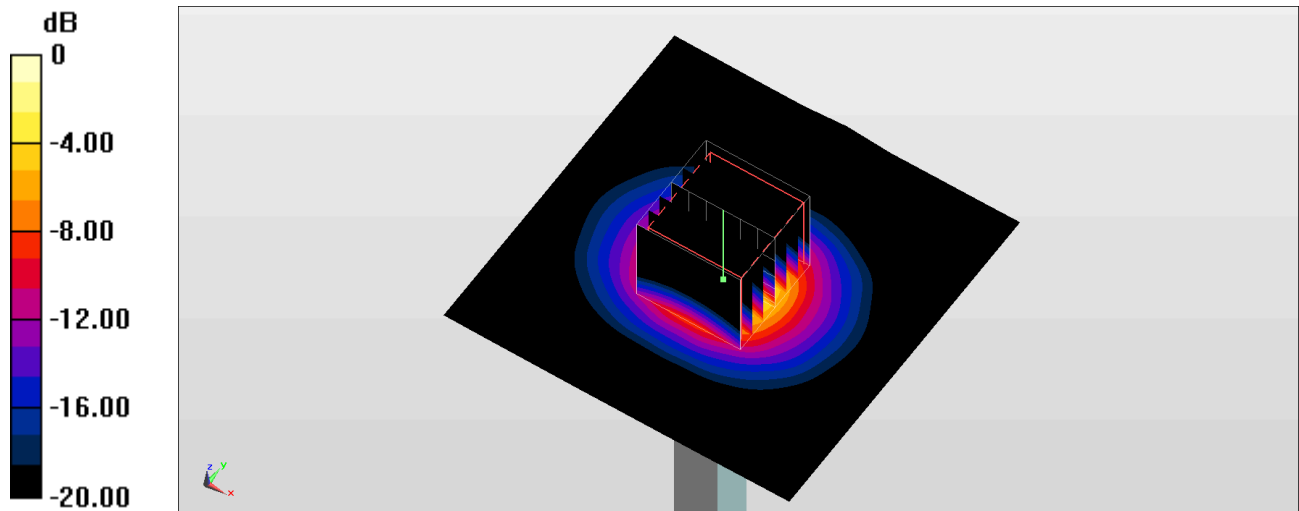
Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

System Check_Head_5600MHz

DUT: D5GHzV2-1006

Communication System: UID 0, CW ; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL_600-7200_260731 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.968$ S/m; $\epsilon_r = 34.182$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.61, 4.6, 4.4) @ 5600 MHz; Calibrated: 2025/11/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2025/10/15
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.95 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.93 V/m; Power Drift = -0.14 dB

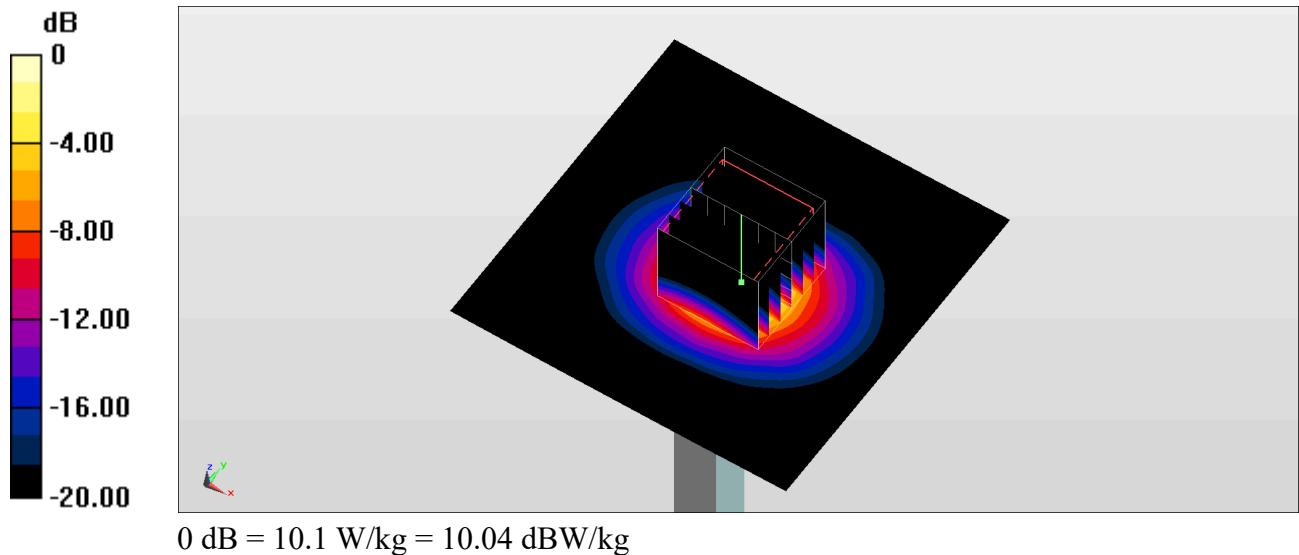
Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 10.1 W/kg



System Check_Head_5800MHz

DUT: D5GHzV2 - SN1006

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_600-7200_260731 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.218$ S/m; $\epsilon_r = 33.886$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.55, 4.54, 4.34) @ 5800 MHz; Calibrated: 2025/11/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1694; Calibrated: 2025/10/15
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.0 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.81 V/m; Power Drift = 0.17 dB

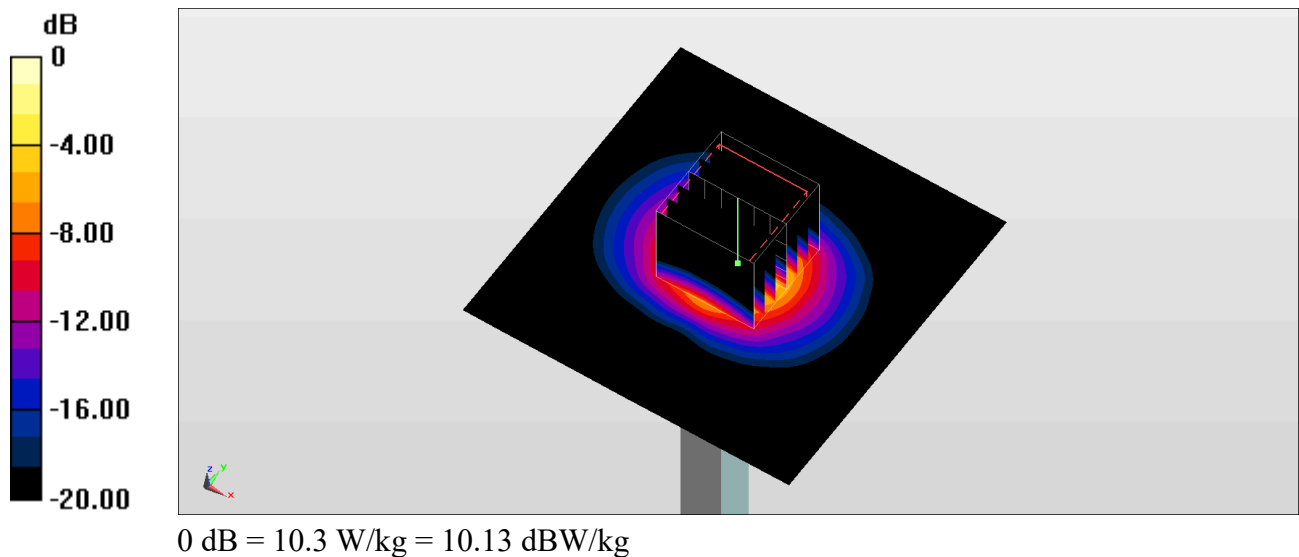
Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.09 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 10.3 W/kg



System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz

Medium: HSL_600-7200_260731 Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.04$ S/m; $\epsilon_r = 32.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.36, 5.21, 5.21); Calibrated: 2026-03-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1805; Calibrated: 2026-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_0mm; Section: Flat
- Measurement Software: 16.4.0.5005
- 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) = 21.3 W/kg; SAR (10g) = 4.73 W/kg;

TSL Correction: Positive only

Pin=20.0dBm/Zoom Scan (27.2 mm x 27.2 mm x 22.9 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 28.5 W/kg; SAR (8g) = 6.34 W/kg; SAR (10g) = 5.24 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 49.6 %

psAPD (1.0cm², sq) = 285 [W/m²]; psAPD (4.0cm², sq) = 127 [W/m²]

TSL Correction: Positive only

