

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/4/15

System Check_Head_2450MHz

DUT: D2450V2-929

Communication System: UID 0, CW; Frequency: 2450 MHz

Medium: HSL_2450_250415 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.864$ S/m; $\epsilon_r = 39.332$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.66, 6.56, 6.78) @ 2450 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- 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=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.82 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.99 V/m; Power Drift = -0.07 dB

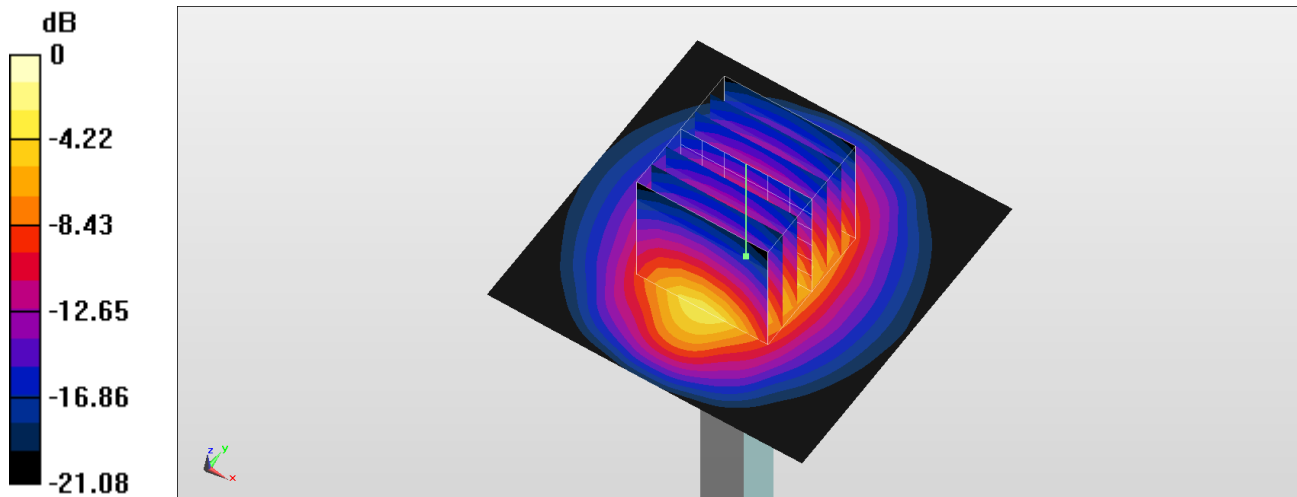
Peak SAR (extrapolated) = 5.82 W/kg

SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.33 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 4.87 W/kg



0 dB = 4.87 W/kg = 6.88 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/4/15

System Check_Head_5250MHz

DUT: D5GHzV2-1171

Communication System: UID 0, CW; Frequency: 5250 MHz

Medium: HSL_5G_250415 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.798$ S/m; $\epsilon_r = 36.336$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.44, 5.36, 5.54) @ 5250 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- 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) = 9.75 W/kg

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

Reference Value = 48.01 V/m; Power Drift = -0.01 dB

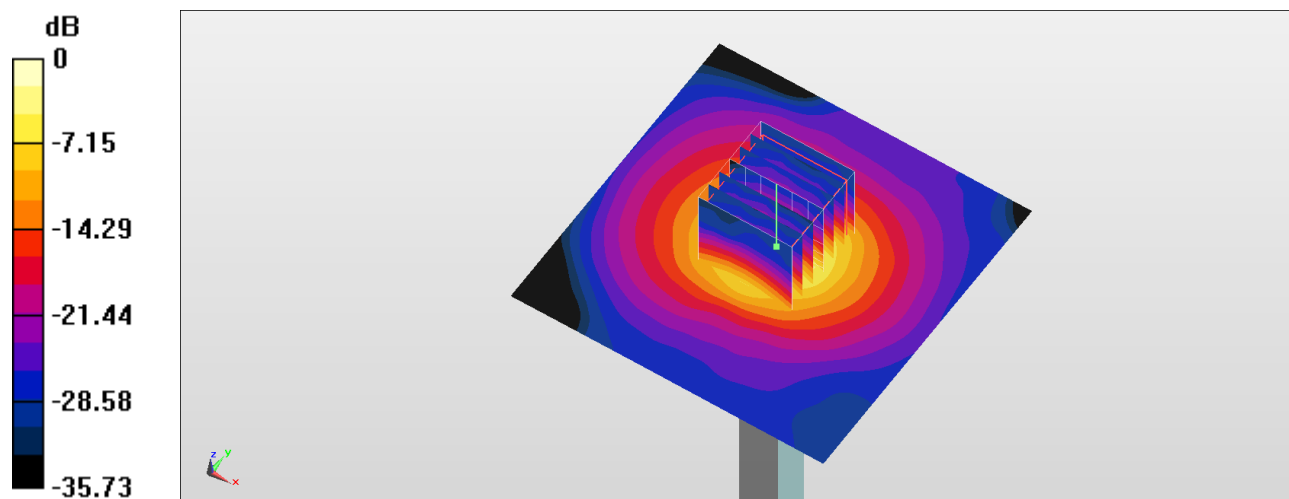
Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 3.84 W/kg; SAR(10 g) = 1.09 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 9.94 W/kg



0 dB = 9.94 W/kg = 9.97 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/4/15

System Check_Head_5600MHz

DUT: D5GHzV2-1171

Communication System: UID 0, CW; Frequency: 5600 MHz

Medium: HSL_5G_250415 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.183$ S/m; $\epsilon_r = 35.801$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.89, 4.82, 4.98) @ 5600 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- 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) = 10.8 W/kg

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

Reference Value = 45.94 V/m; Power Drift = 0.00 dB

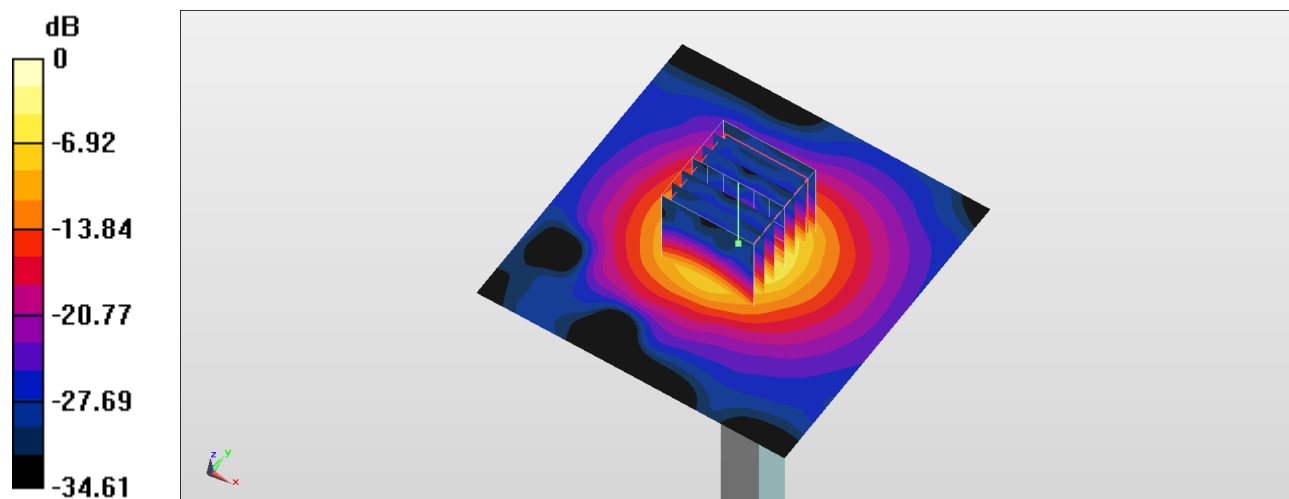
Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 4.17 W/kg; SAR(10 g) = 1.18 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.8%

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

Test Laboratory: Sperton International Inc. SAR/HAC Testing Lab

Date: 2025/4/15

System Check_Head_5800MHz

DUT: D5GHzV2-1171

Communication System: UID 0, CW; Frequency: 5800 MHz

Medium: HSL_5G_250415 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.397$ S/m; $\epsilon_r = 35.564$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.86, 4.78, 4.94) @ 5800 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- 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) = 11.1 W/kg

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

Reference Value = 44.26 V/m; Power Drift = 0.17 dB

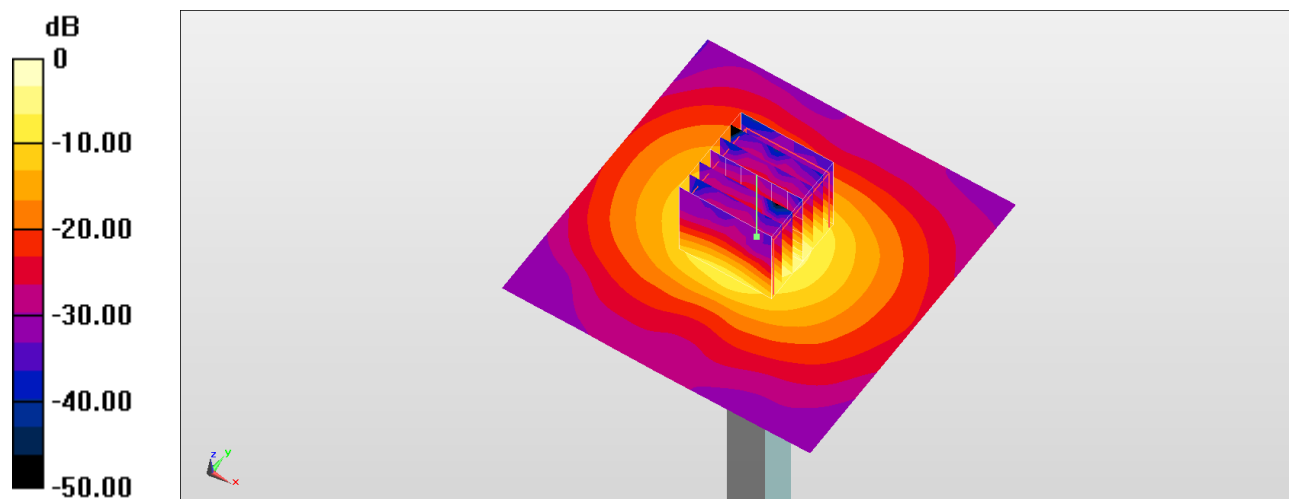
Peak SAR (extrapolated) = 21.1 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.18 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg