

Date: 2025-05-29

System Check_Head_2450MHz**DUT: D2450V2 - SN929**

Communication System: CW; Frequency: 2450.000 MHz

Medium: HSL_2450_250529 Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.66, 6.56, 6.78); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; 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) = 2.50 W/kg; SAR (10g) = 1.16 W/kg;

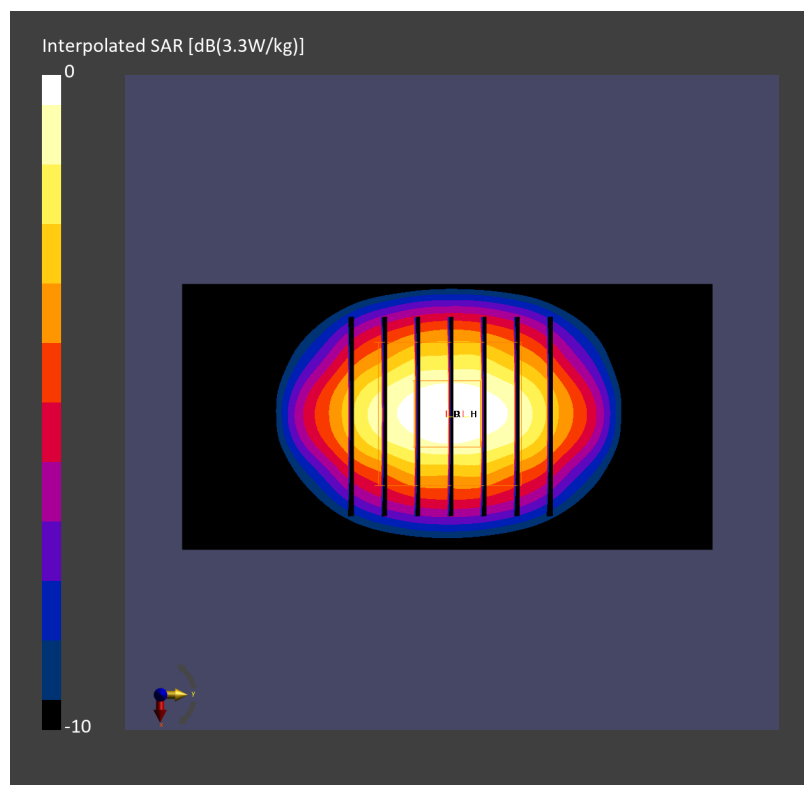
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 2.47 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.18 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 82.7 %



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

Date: 2025/5/29

System Check_Head_2450MHz

DUT: D2450V2-929

Communication System: CW; Frequency: 2450 MHz

Medium: HSL_2450_250529 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 39.977$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 6.94, 6.84) @ 2450 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- 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) = 4.07 W/kg

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

Reference Value = 50.92 V/m; Power Drift = 0.05 dB

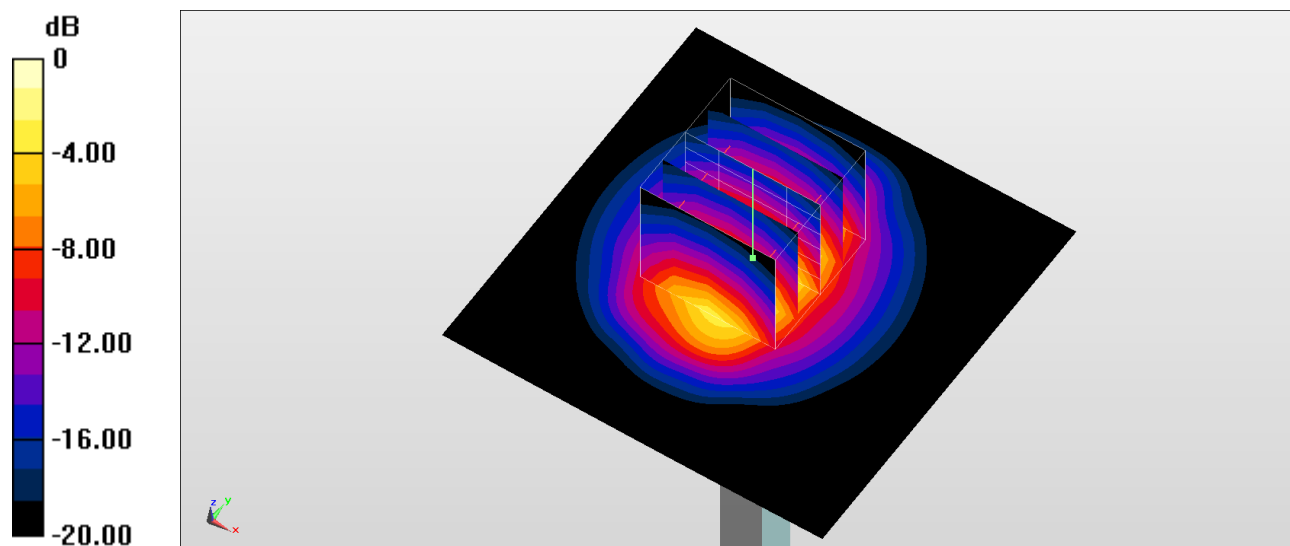
Peak SAR (extrapolated) = 5.16 W/kg

SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.27 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 4.35 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

Date: 2025-05-29

System Check_Head_5250MHz**DUT: D5GHzV2 - SN1006**

Communication System: CW; Frequency: 5250.000 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.70$ S/m; $\epsilon_r = 35.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.44, 5.36, 5.54); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; 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) = 3.65 W/kg; SAR (10g) = 1.02 W/kg;

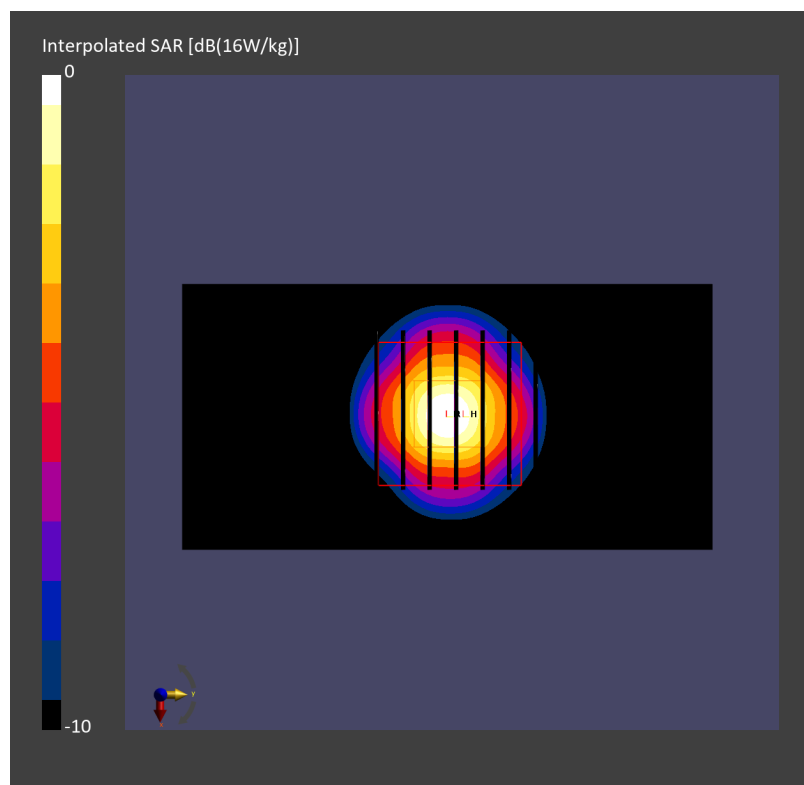
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 3.94 W/kg; SAR (8g) = 1.31 W/kg; SAR (10g) = 1.12 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.2 %



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

Date: 2025/5/29

System Check_Head_5250MHz

DUT: D5GHzV2-1006-5250

Communication System: CW; Frequency: 5250 MHz

Medium: HSL_5G_250529 Medium parameters used : $f = 5250$ MHz; $\sigma = 4.734$ S/m; $\epsilon_r = 36.278$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.49, 5.29, 5.21) @ 5250 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- 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 (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.31 W/kg

Pin=50mW/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 42.63 V/m; Power Drift = 0.02 dB

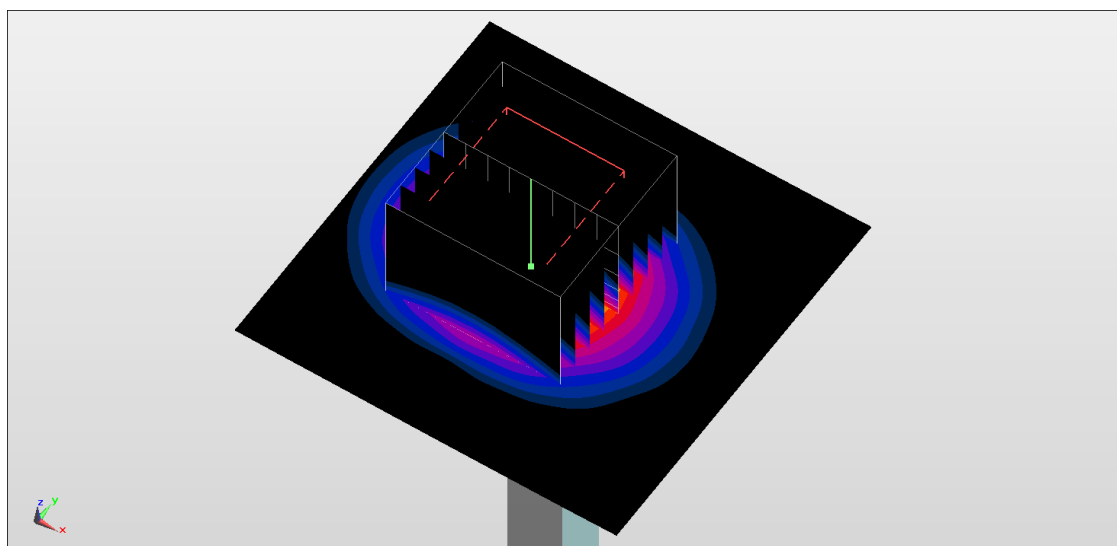
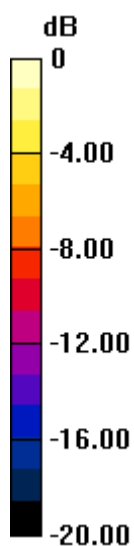
Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 3.63 W/kg; SAR(10 g) = 1.04 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.2%

Maximum value of SAR (measured) = 9.07 W/kg



0 dB = 9.07 W/kg = 9.58 dBW/kg

Date: 2025-05-29

System Check_Head_5600MHz**DUT: D5GHzV2 - SN1006**

Communication System: CW; Frequency: 5600.000 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.10$ S/m; $\epsilon_r = 35.2$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.89, 4.82, 4.98); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; 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) = 4.08 W/kg; SAR (10g) = 1.13 W/kg;

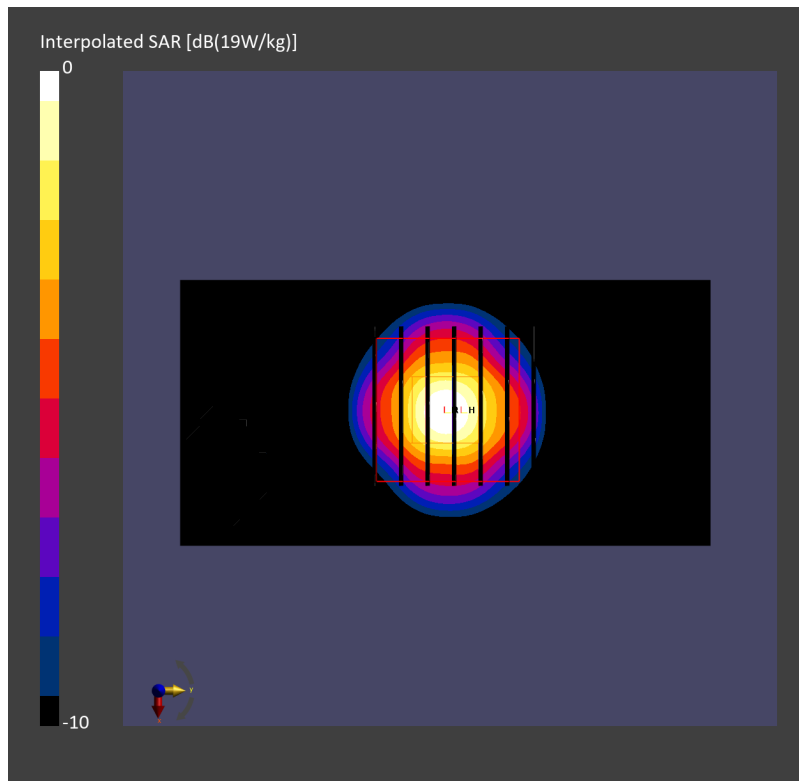
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 4.36 W/kg; SAR (8g) = 1.45 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 = 60.4 %



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

Date: 2025/5/29

System Check_Head_5600MHz

DUT: D5GHzV2-1006-5600

Communication System: CW; Frequency: 5600 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.063$ S/m; $\epsilon_r = 35.763$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.11, 4.92, 4.85) @ 5600 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- 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 (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Pin=50mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.88 V/m; Power Drift = 0.05 dB

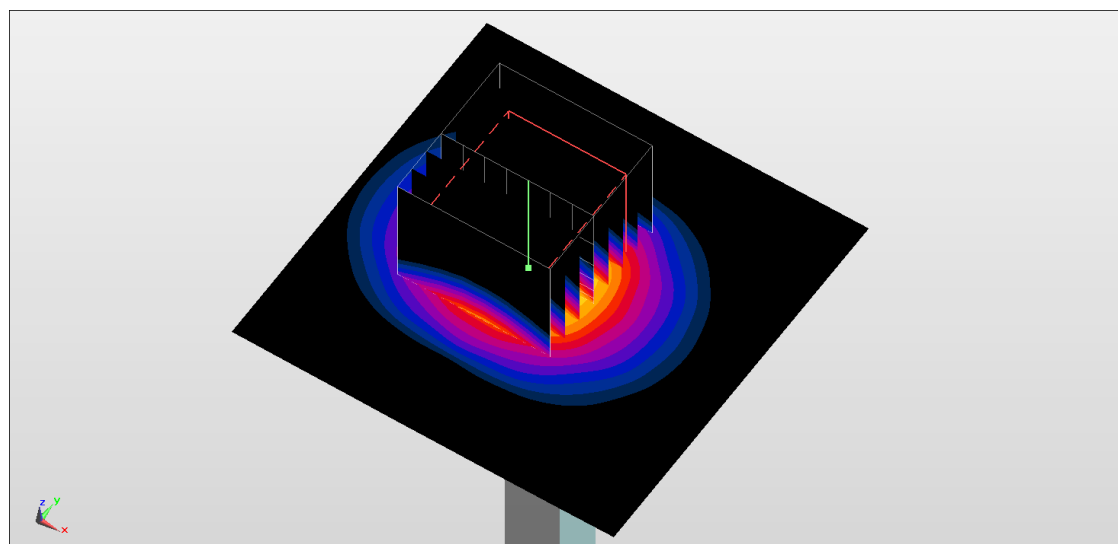
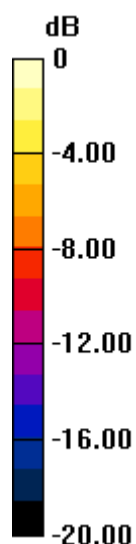
Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.08 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.1%

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



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

Date: 2025-05-29

System Check_Head_5800MHz**DUT: D5GHzV2 - SN1006**

Communication System: CW; Frequency: 5800.000 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5800.000$ MHz; $\sigma = 5.35$ S/m; $\epsilon_r = 34.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.86, 4.78, 4.94); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; 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) = 3.59 W/kg; SAR (10g) = 1.00 W/kg;

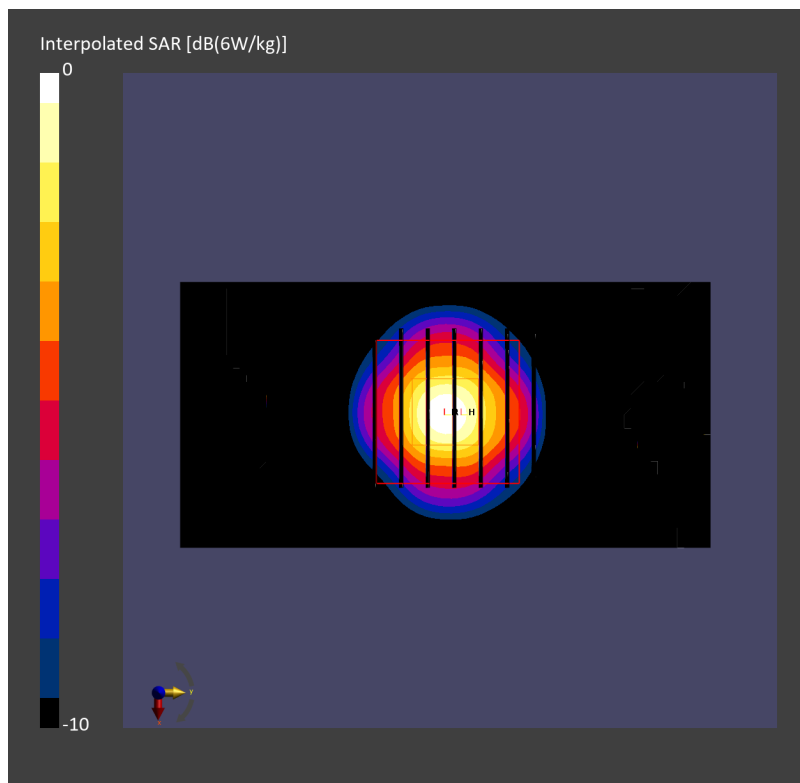
Pin=17.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 3.91 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 58.2 %



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

Date: 2025/5/29

System Check_Head_5800MHz

DUT: D5GHzV2-1006-5800

Communication System: CW; Frequency: 5800 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.264$ S/m; $\epsilon_r = 35.491$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.01, 4.83, 4.76) @ 5800 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- 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 (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Pin=50mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 41.11 V/m; Power Drift = 0.04 dB

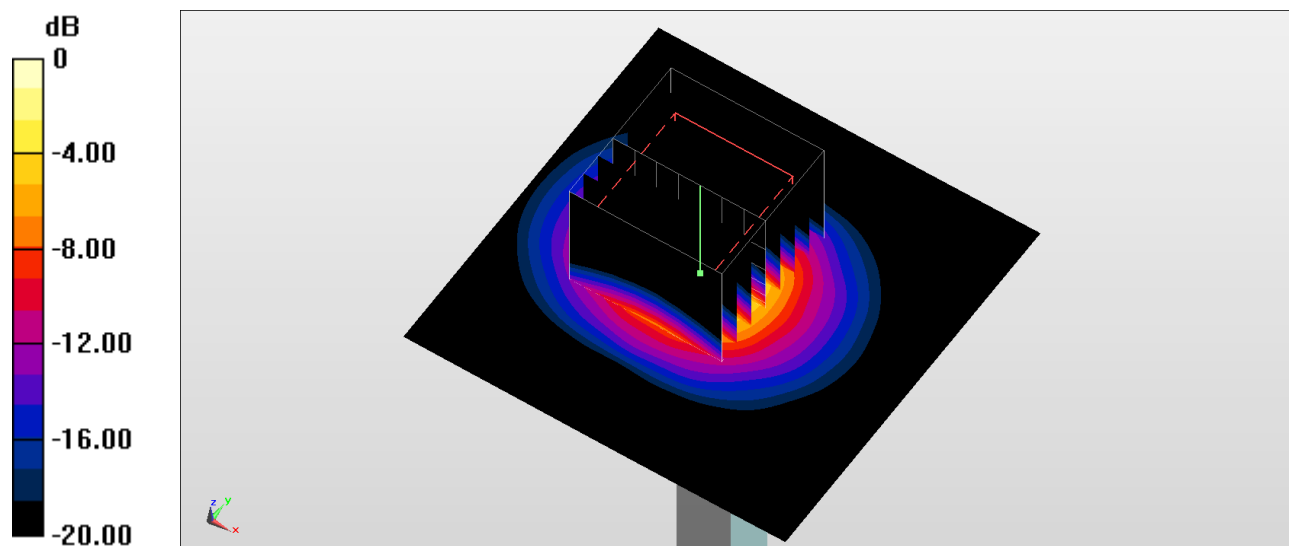
Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 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 = 57%

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



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