

System Check_Head_2450MHz

DUT: D2450V2-806

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

Medium: HSL_2450_221112 Medium parameters used: $f = 2450.0$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 38.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.58, 7.58, 7.58); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.48 W/kg; SAR (10g) = 1.15 W/kg;

Pin=50mW/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

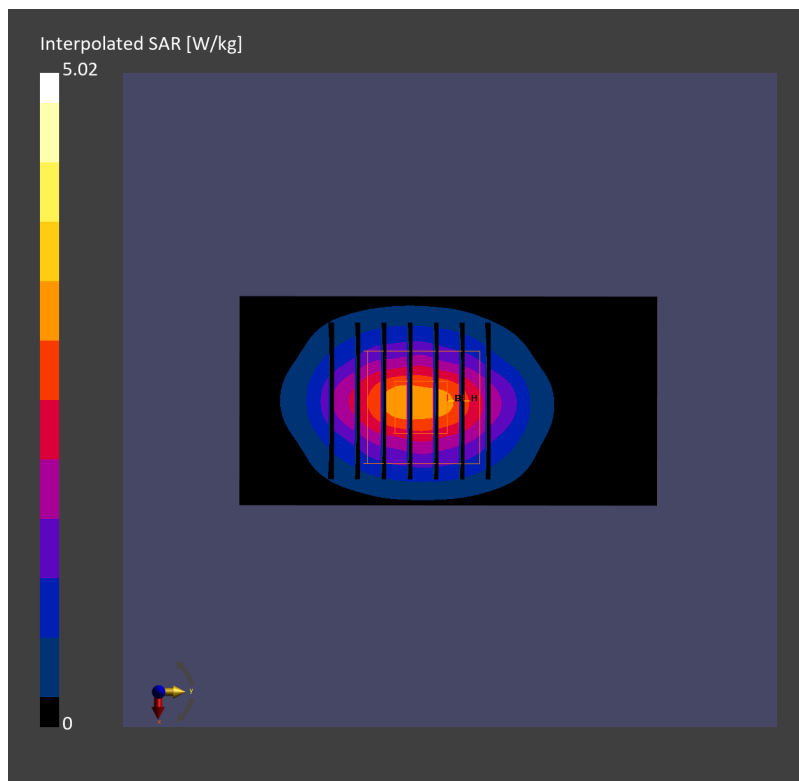
Power Drift = 0.00 dB

SAR (1g) = 2.47 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.17 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 80.8 %

psAPD (1.0cm², sq) = n/a [W/m²]; psAPD (4.0cm², sq) = n/a [W/m²]



System Check_Head_2450MHz

DUT: D2450V2-806

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450_221112 Medium parameters used : $f = 2450$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.246$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.44, 7.44, 7.44) @ 2450 MHz; Calibrated: 2022/3/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2022/2/24
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.93 W/kg

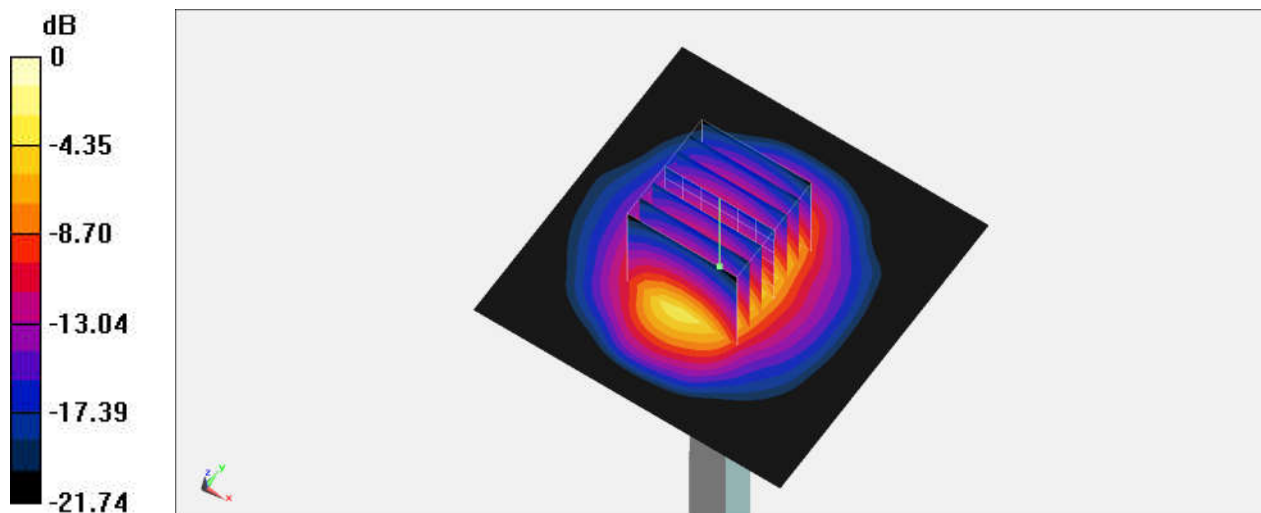
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.78 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.07 W/kg

SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 4.25 W/kg



0 dB = 4.25 W/kg = 6.28 dBW/kg

System Check_Head_5250MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_221113 Medium parameters used: $f = 5250.0$ MHz; $\sigma = 4.74$ S/m; $\epsilon_r = 36.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.62 W/kg; SAR (10g) = 1.10 W/kg;

Pin=50mW/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

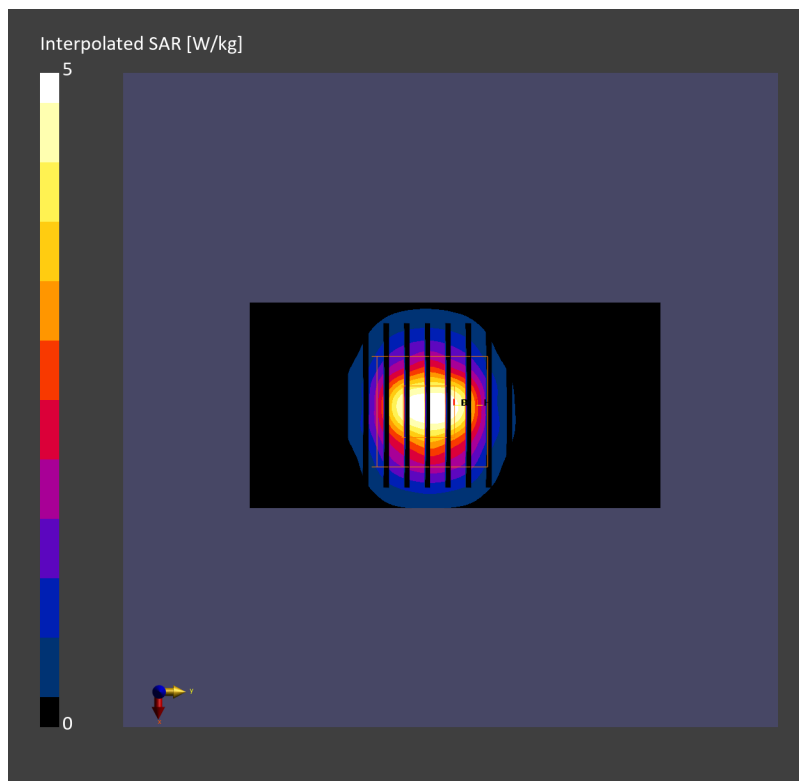
Power Drift = -0.06 dB

SAR (1g) = 4.03 W/kg; SAR (8g) = 1.35 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 = 64.5 %

psAPD (1.0cm², sq) = n/a [W/m²]; psAPD (4.0cm², sq) = n/a [W/m²]



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_221113 Medium parameters used: $f = 5600.0$ MHz; $\sigma = 5.11$ S/m; $\epsilon_r = 36.3$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 4.04 W/kg; SAR (10g) = 1.21 W/kg;

Pin=50mW/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

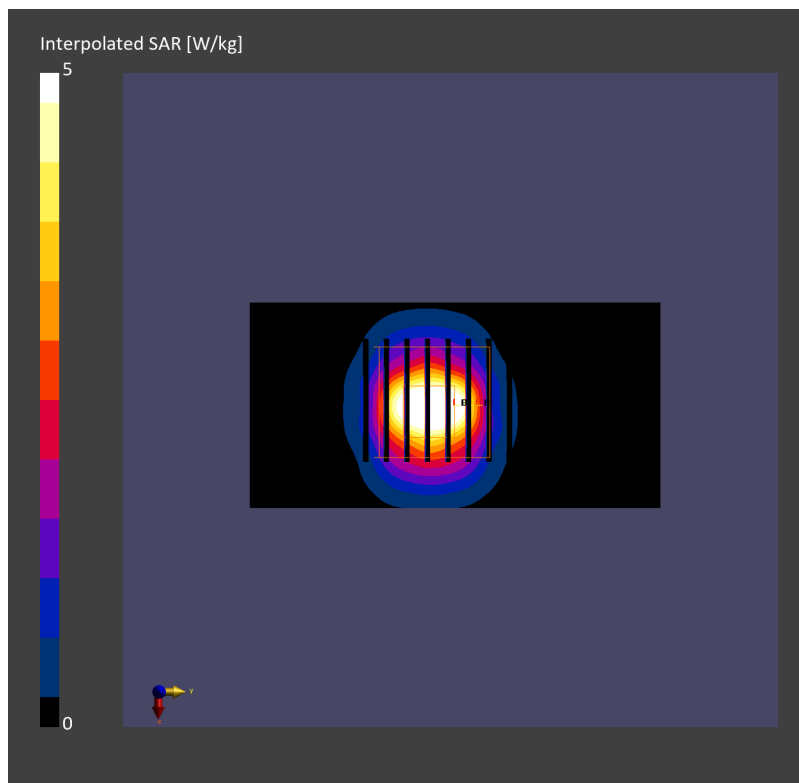
Power Drift = -0.01 dB

SAR (1g) = 4.52 W/kg; SAR (8g) = 1.49 W/kg; SAR (10g) = 1.28 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.6 %

psAPD (1.0cm², sq) = n/a [W/m²]; psAPD (4.0cm², sq) = n/a [W/m²]



System Check_Head_5600MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_221130 Medium parameters used: $f = 5600.0$ MHz; $\sigma = 5.04$ S/m; $\epsilon_r = 35.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2022-02-28
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.99 W/kg; SAR (10g) = 1.19 W/kg;

Pin=50mW/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

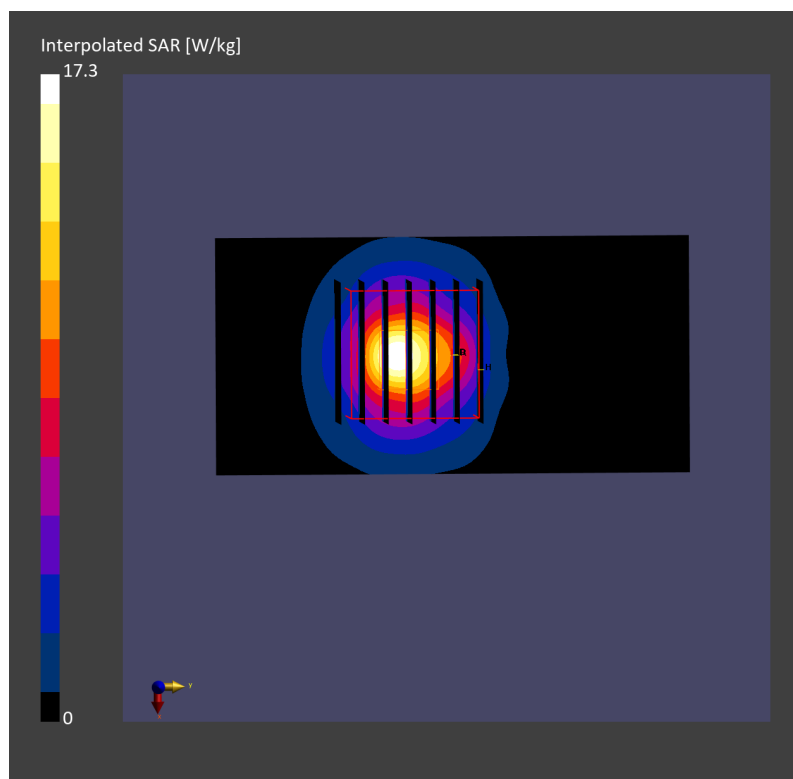
Power Drift = 0.00 dB

SAR (1g) = 4.40 W/kg; SAR (8g) = 1.59 W/kg; SAR (10g) = 1.32 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.4 %

psAPD (1.0cm², sq) = n/a [W/m²]; psAPD (4.0cm², sq) = n/a [W/m²]



System Check_Head_5750MHz

DUT: D5GHzV2 - SN1006

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

Medium: HSL_5G_221113 Medium parameters used: $f = 5750.0$ MHz; $\sigma = 5.28$ S/m; $\epsilon_r = 36.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.81, 4.81, 4.81); Calibrated: 2022-10-31
- Sensor-Surface: 1.4 mm
- Electronics: DAE3 Sn528; Calibrated: 2022-05-19
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2153; Section: Flat
- Measurement Software: 16.2.2.1588
- UID: CW

Pin=50mW/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.34 W/kg; SAR (10g) = 1.01 W/kg;

Pin=50mW/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

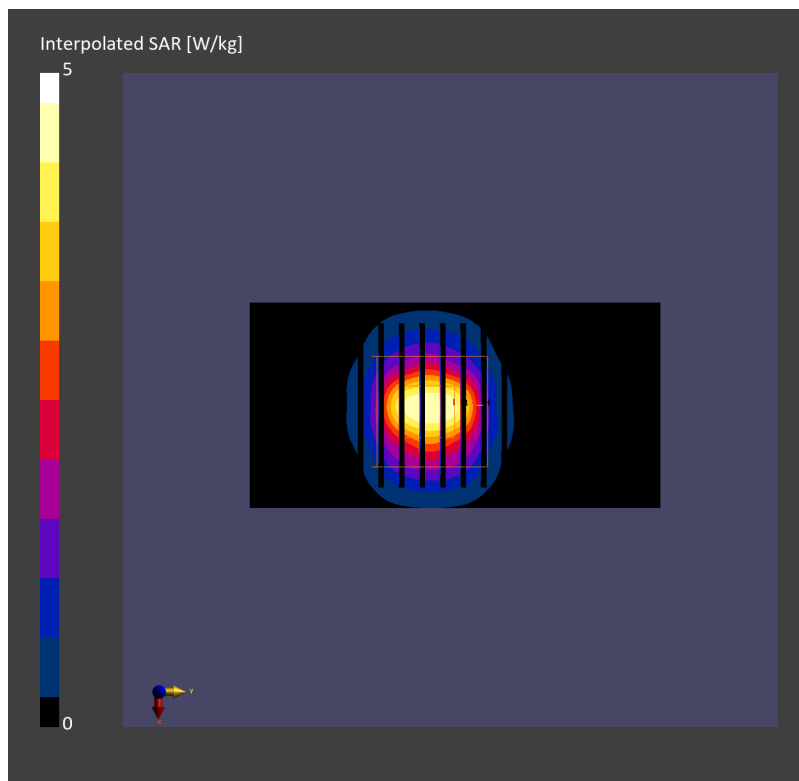
Power Drift = 0.03 dB

SAR (1g) = 3.75 W/kg; SAR (8g) = 1.25 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 = 60.6 %

psAPD (1.0cm², sq) = n/a [W/m²]; psAPD (4.0cm², sq) = n/a [W/m²]



System Check_Head_5750MHz

DUT: D5GHzV2-1006

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221116 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.28$ S/m; $\epsilon_r = 36.733$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5750 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- 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) = 8.88 W/kg

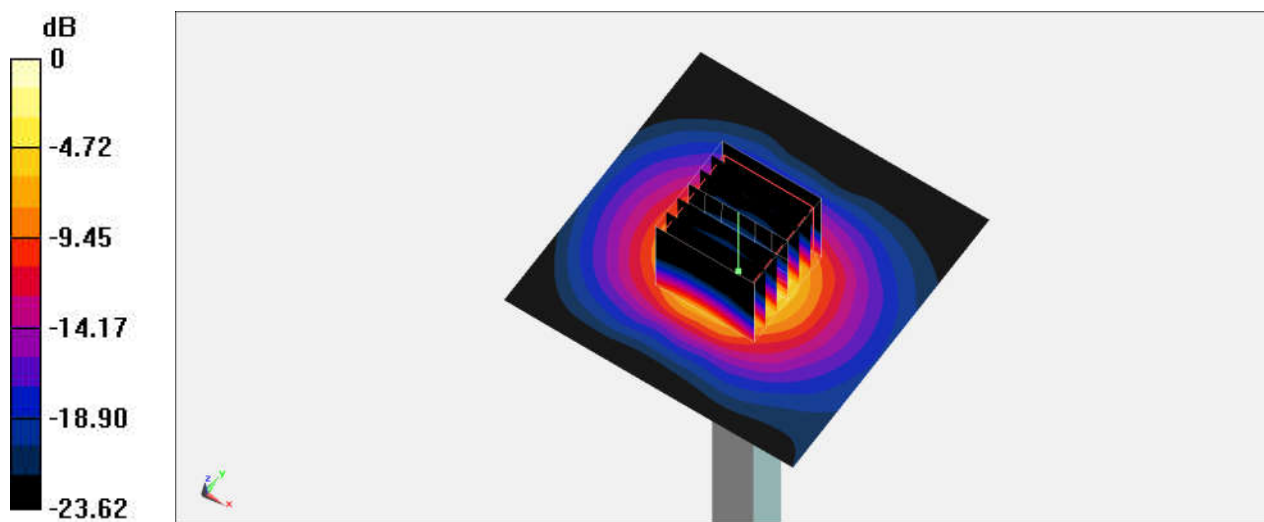
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.07 W/kg

Maximum value of SAR (measured) = 9.55 W/kg



0 dB = 7.88 W/kg = 8.97 dBW/kg

System Check_Head_5850MHz

DUT: D5GHzV2-1171

Communication System: CW; Frequency: 5850 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221113 Medium parameters used : $f = 5850$ MHz; $\sigma = 5.377$ S/m; $\epsilon_r = 35.903$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5850 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1707; Calibrated: 2022/1/12
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 23.6 W/kg

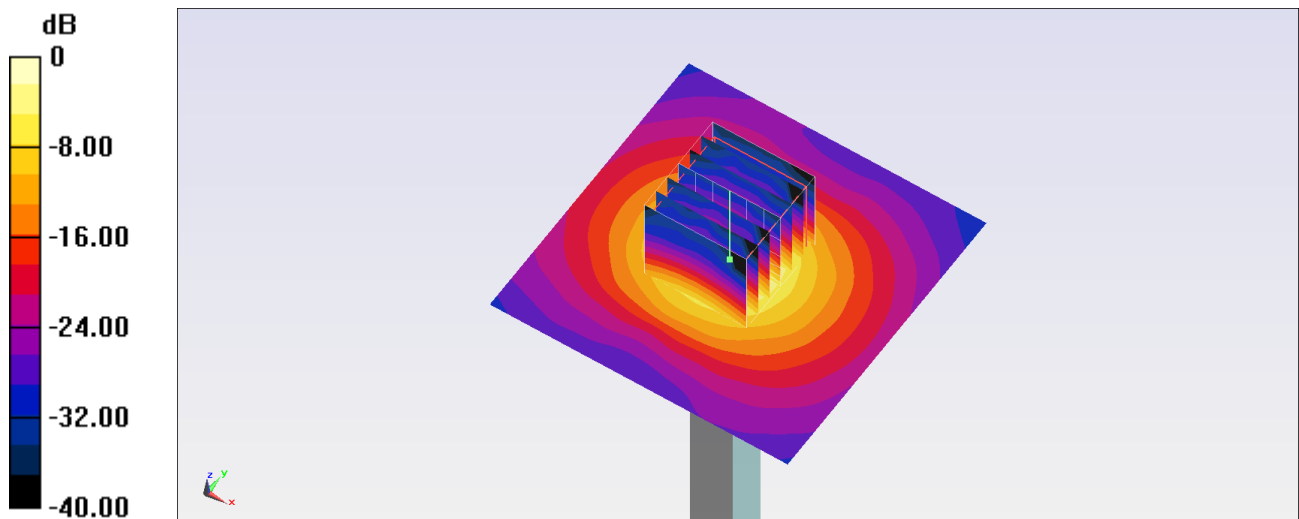
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 43.0 W/kg

SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.6 W/kg = 13.73 dBW/kg

System Check_Head_5850MHz

DUT: D5GHzV2-1171

Communication System: CW; Frequency: 5850 MHz; Duty Cycle: 1:1

Medium: HSL_5G_221116 Medium parameters used: $f = 5850$ MHz; $\sigma = 5.392$ S/m; $\epsilon_r = 36.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(4.93, 4.93, 4.93) @ 5850 MHz; Calibrated: 2022/1/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 23.6 W/kg

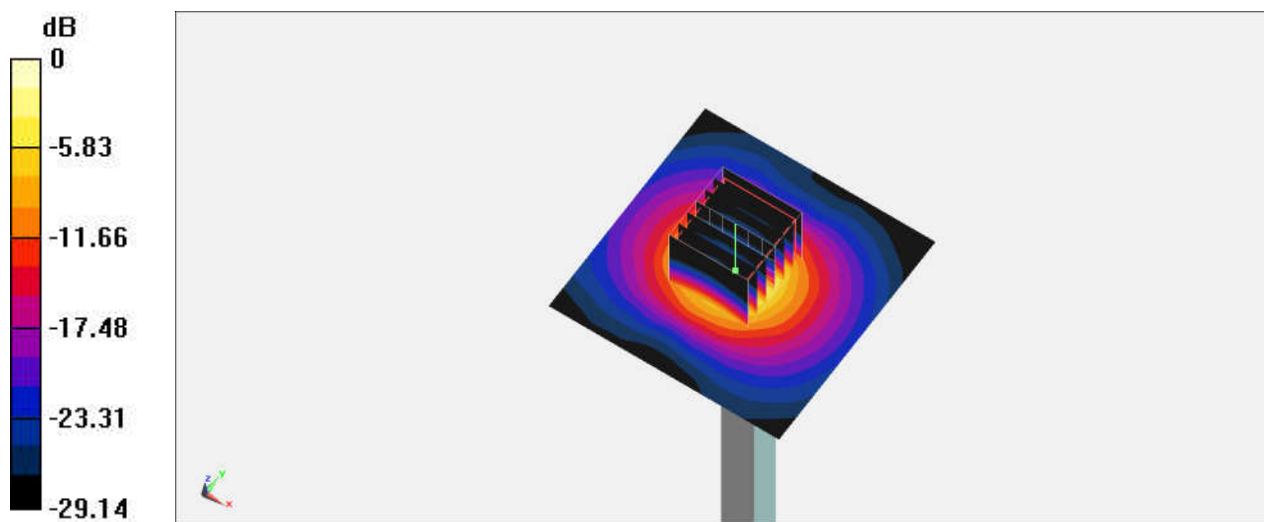
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.35 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 43.1 W/kg

SAR(1 g) = 8.48 W/kg; SAR(10 g) = 2.37 W/kg

Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.6 W/kg = 13.73 dBW/kg