



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Head_750MHz

DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750_200213 Medium parameters used: $f = 750$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 41.532$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.94, 9.94, 9.94); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.58 W/kg

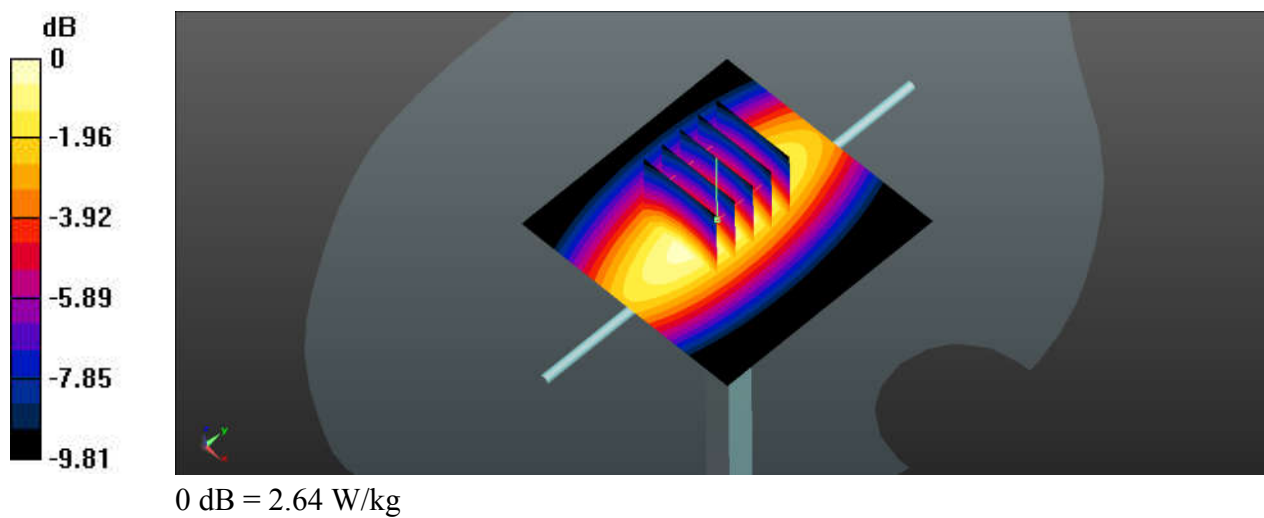
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.16 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



System Check_Head_750MHz

DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750_200301 Medium parameters used: $f = 750$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.534$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.94, 9.94, 9.94); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.43 W/kg

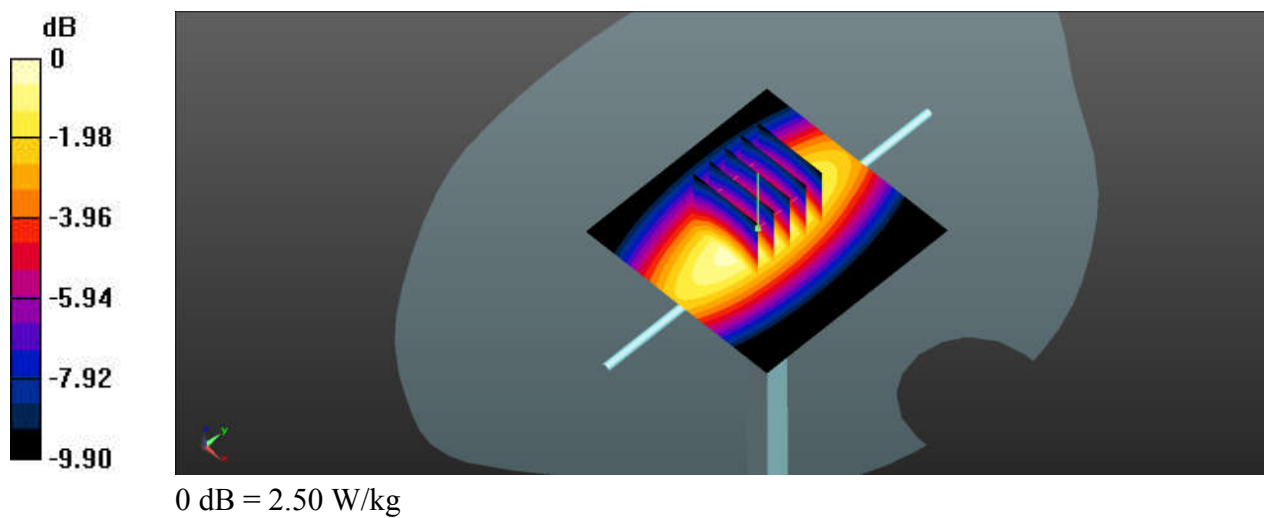
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.96 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.32 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



System Check_Head_750MHz

DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750_200313 Medium parameters used: $f = 750$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.019$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.94, 9.94, 9.94); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.79 W/kg

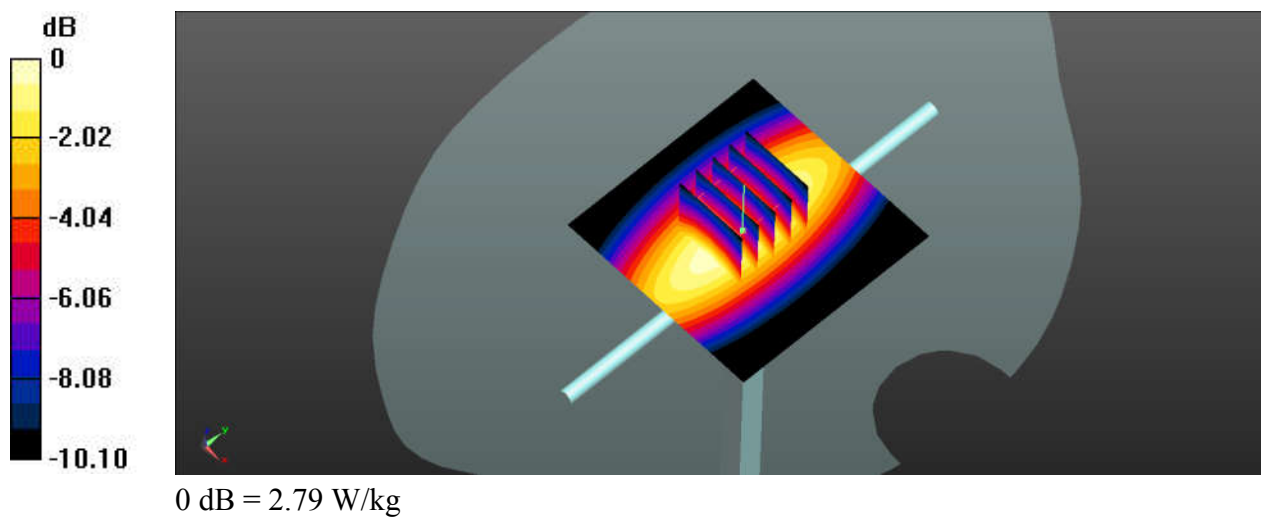
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.31 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 2.79 W/kg



System Check_Head_835MHz

DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_835_200211 Medium parameters used: $f = 835$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 40.859$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.57, 9.57, 9.57); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.16 W/kg

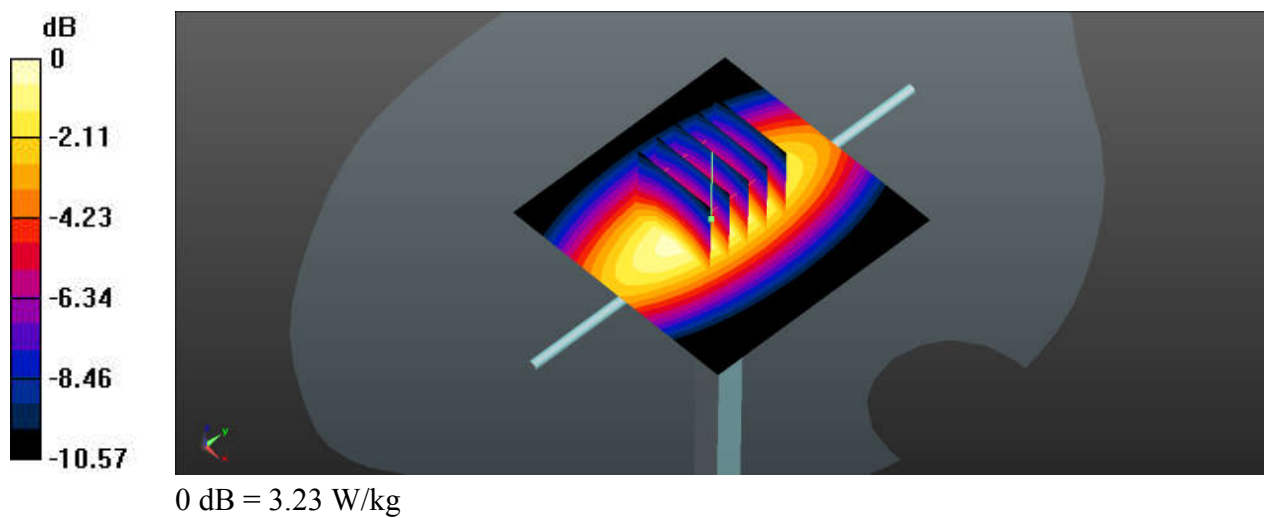
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.84 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 3.23 W/kg



System Check_Head_835MHz

DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_835_200225 Medium parameters used: $f = 835$ MHz; $\sigma = 0.897$ S/m; $\epsilon_r = 40.781$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.57, 9.57, 9.57); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.93 W/kg

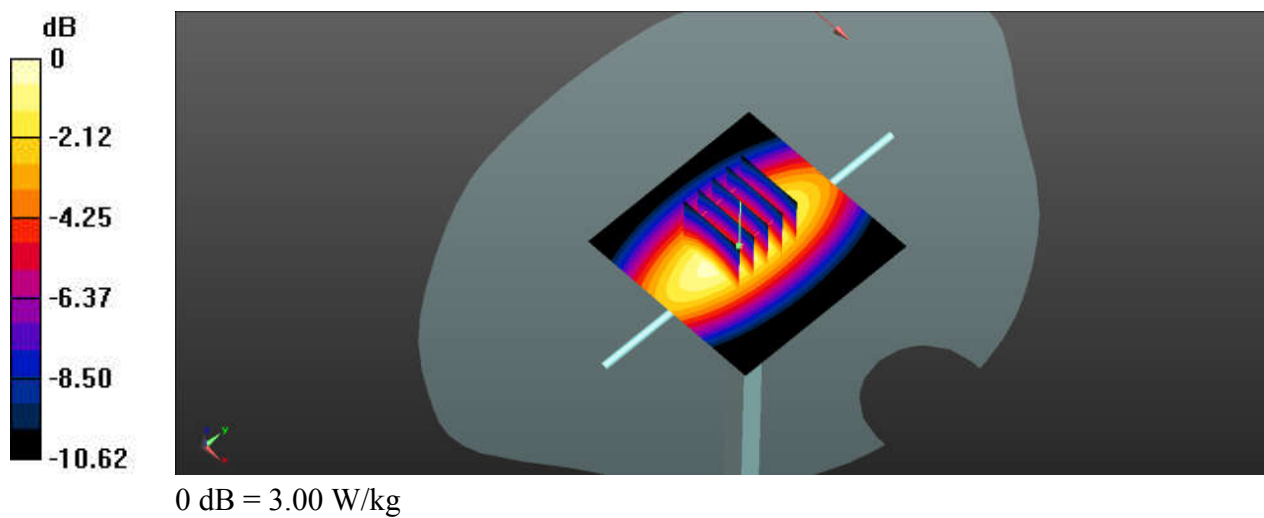
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.54 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



System Check_Head_835MHz

DUT: D835V2-SN:4d162

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_835_200314 Medium parameters used: $f = 835$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.212$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.57, 9.57, 9.57); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.19 W/kg

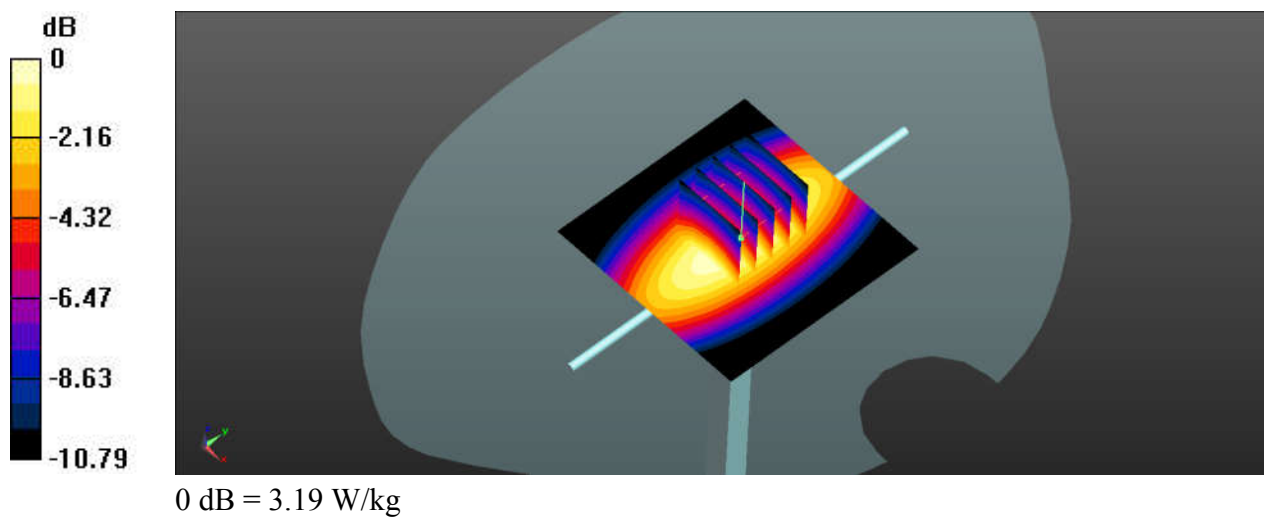
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.39 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.64 W/kg

Maximum value of SAR (measured) = 3.19 W/kg



System Check_Head_1750MHz

DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200122 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 38.395$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.6 W/kg

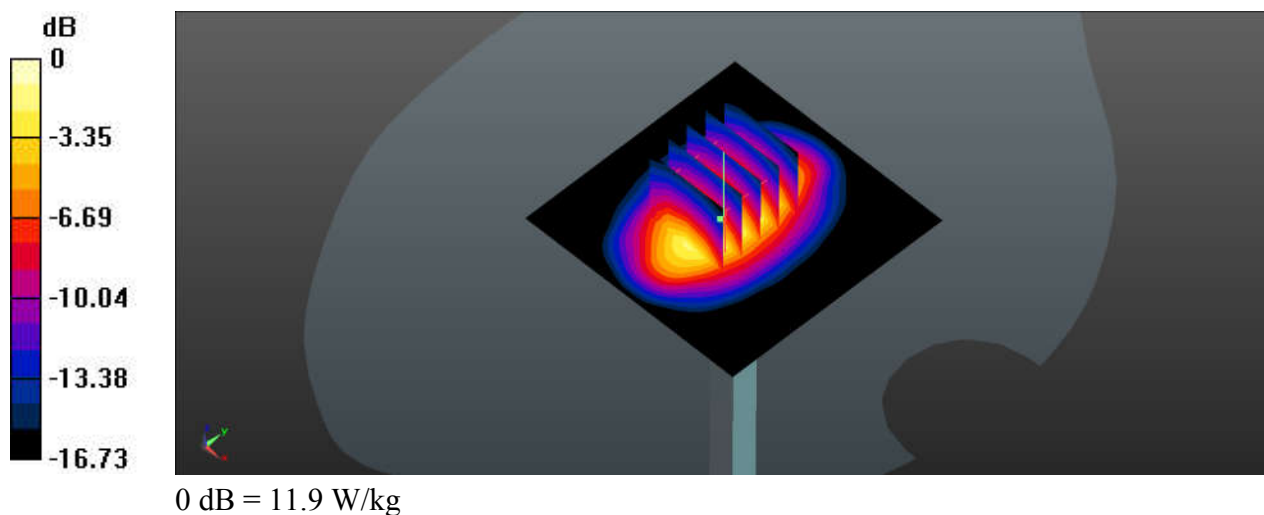
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.93 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 8.54 W/kg; SAR(10 g) = 4.65 W/kg

Maximum value of SAR (measured) = 11.9 W/kg



System Check_Head_1750MHz

DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200303 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 39.952$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 10.9 W/kg

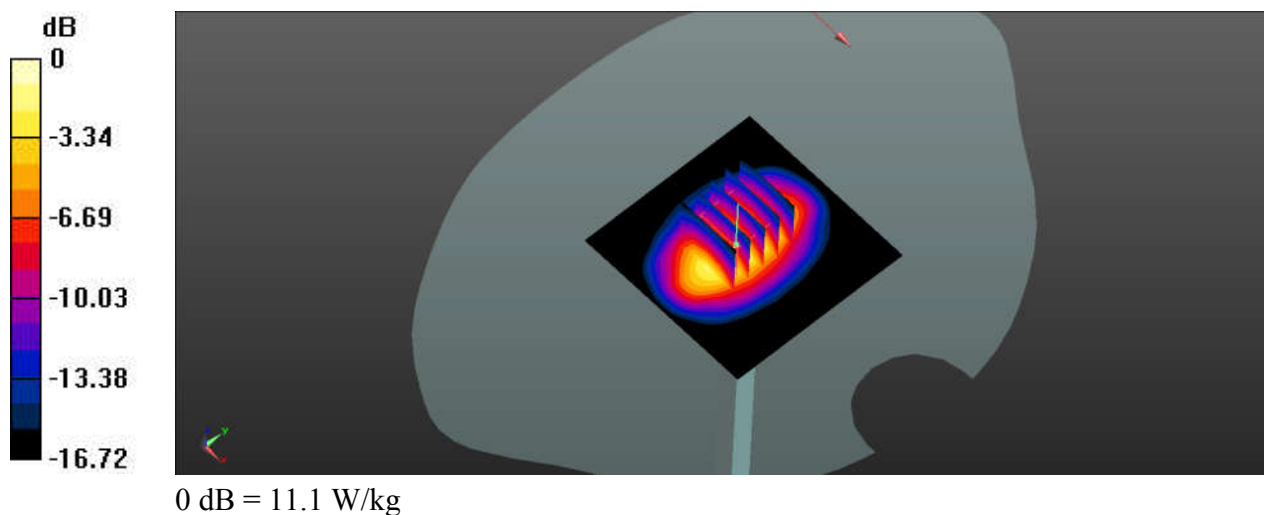
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.48 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 8.51 W/kg; SAR(10 g) = 4.65 W/kg

Maximum value of SAR (measured) = 11.1 W/kg



System Check_Head_1750MHz

DUT: D1750V2-SN:1137

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200309 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 41.34$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.34, 8.34, 8.34); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.1 W/kg

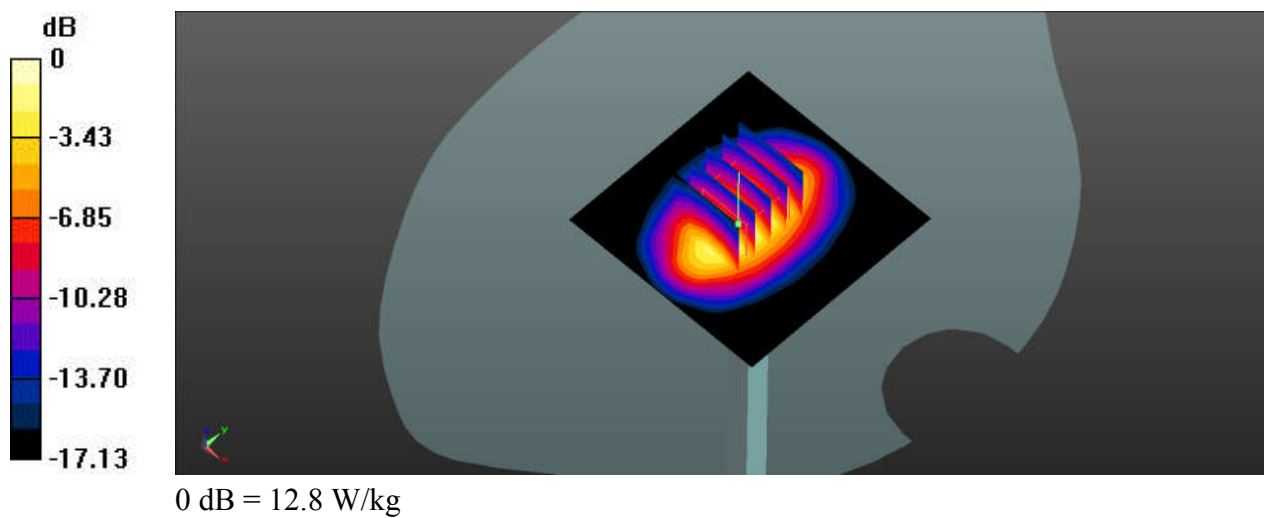
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.11 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 9.18 W/kg; SAR(10 g) = 4.55 W/kg

Maximum value of SAR (measured) = 12.8 W/kg



System Check_Head_1900MHz

DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200123 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.053$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.88, 7.88, 7.88); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.6 W/kg

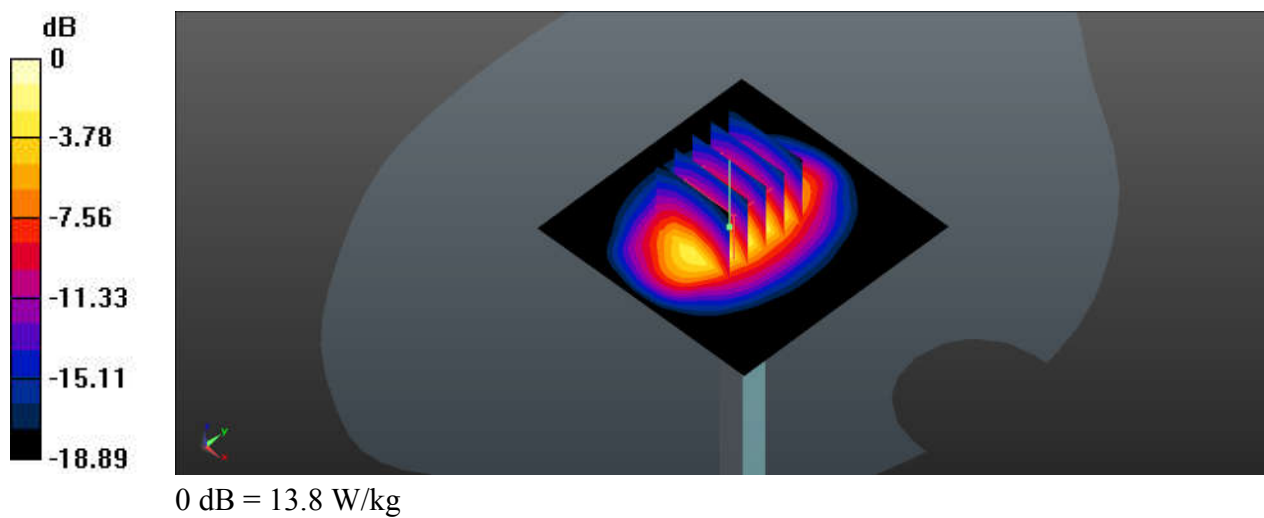
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.78 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 9.45 W/kg; SAR(10 g) = 4.82 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



System Check_Head_1900MHz

DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200304 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 40.346$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.88, 7.88, 7.88); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.1 W/kg

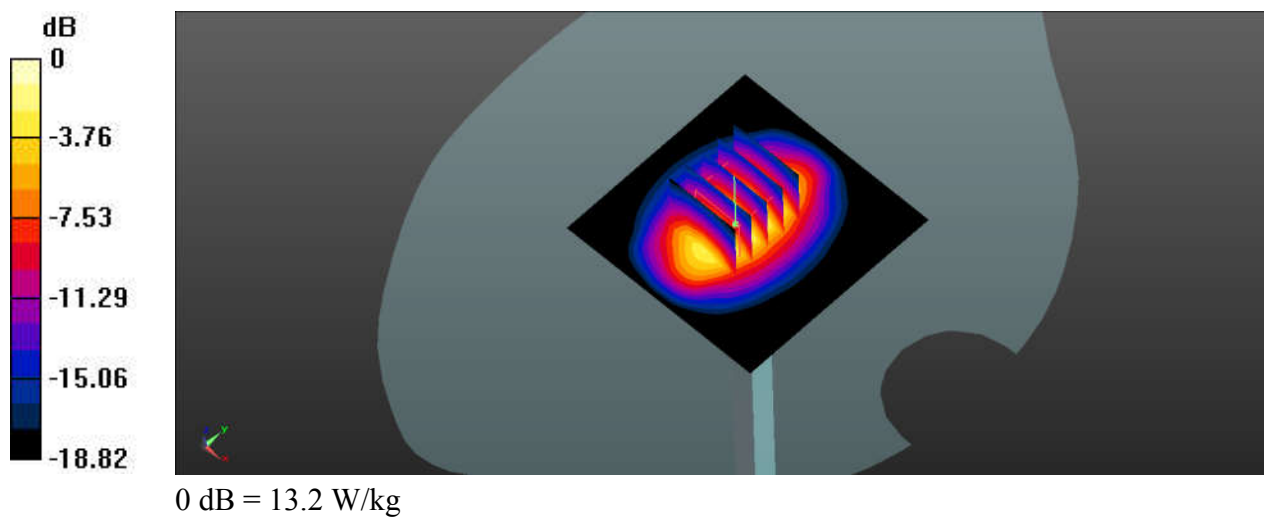
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.90 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.11 W/kg; SAR(10 g) = 4.76 W/kg

Maximum value of SAR (measured) = 13.2 W/kg



System Check_Head_1900MHz

DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200307 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 39.038$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.88, 7.88, 7.88); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.3 W/kg

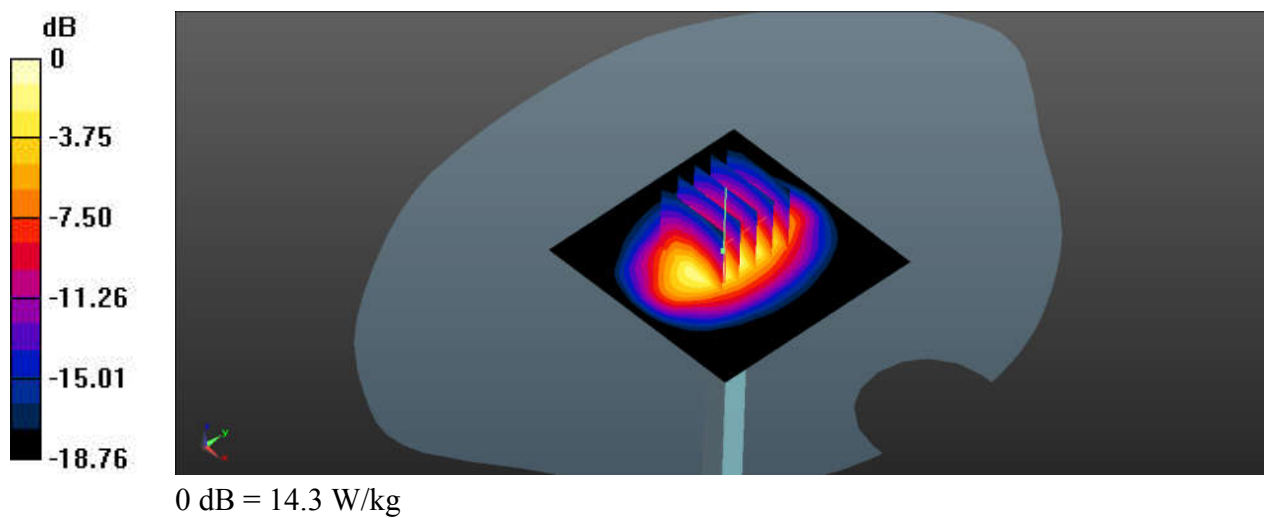
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.9 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 10 W/kg; SAR(10 g) = 5.15 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



System Check_Head_2300MHz

DUT: D2300V2-SN:1056

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: HSL_2300_200124 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.604$ S/m; $\epsilon_r = 40.037$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.7, 7.7, 7.7); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 18.3 W/kg

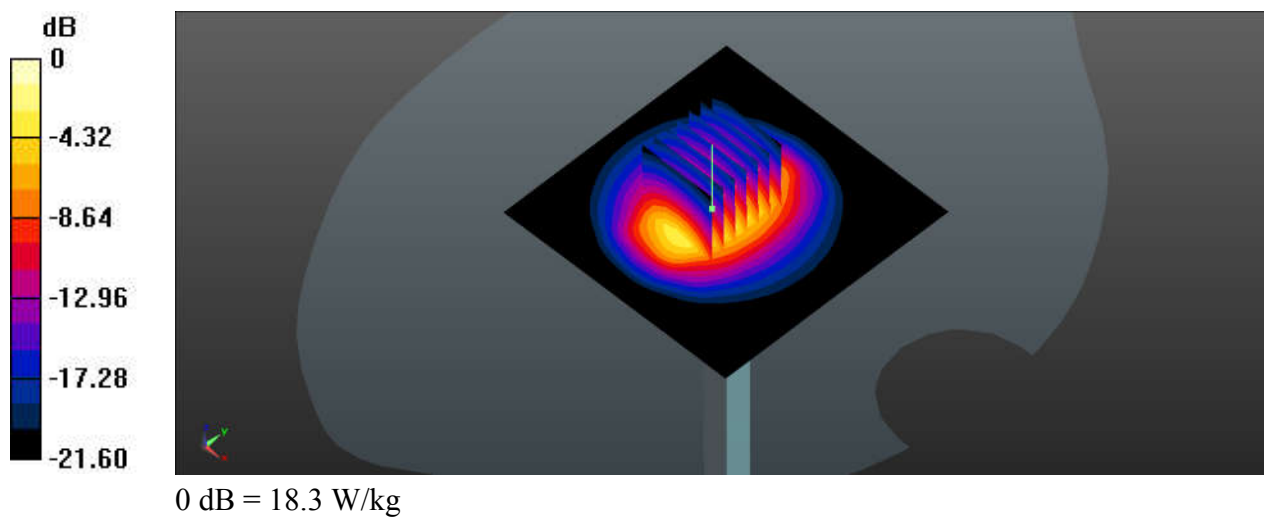
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.6 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 25.1 W/kg

SAR(1 g) = 12 W/kg; SAR(10 g) = 5.58 W/kg

Maximum value of SAR (measured) = 18.4 W/kg



System Check_Head_2300MHz

DUT: D2300V2-SN:1056

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: HSL_2300_200310 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.678$ S/m; $\epsilon_r = 38.25$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.7, 7.7, 7.7); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 17.1 W/kg

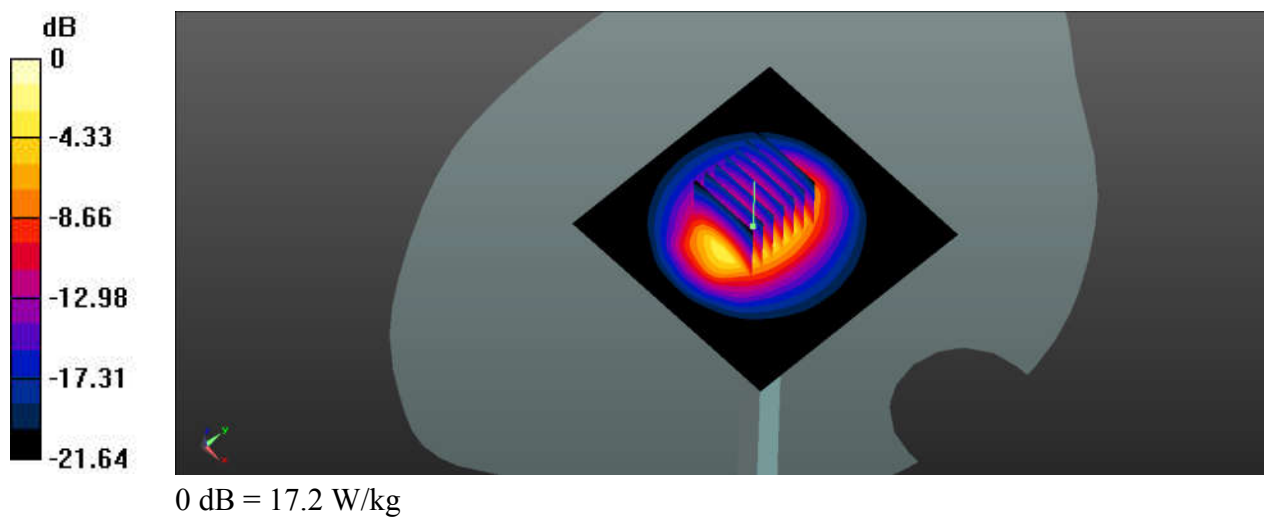
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.25 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 23.3 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.22 W/kg

Maximum value of SAR (measured) = 17.2 W/kg



System Check_Head_2450MHz

DUT: D2450V2-SN:924

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

Medium: HSL_2450_200215 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.878$ S/m; $\epsilon_r = 40.464$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.4, 7.4, 7.4); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.7 W/kg

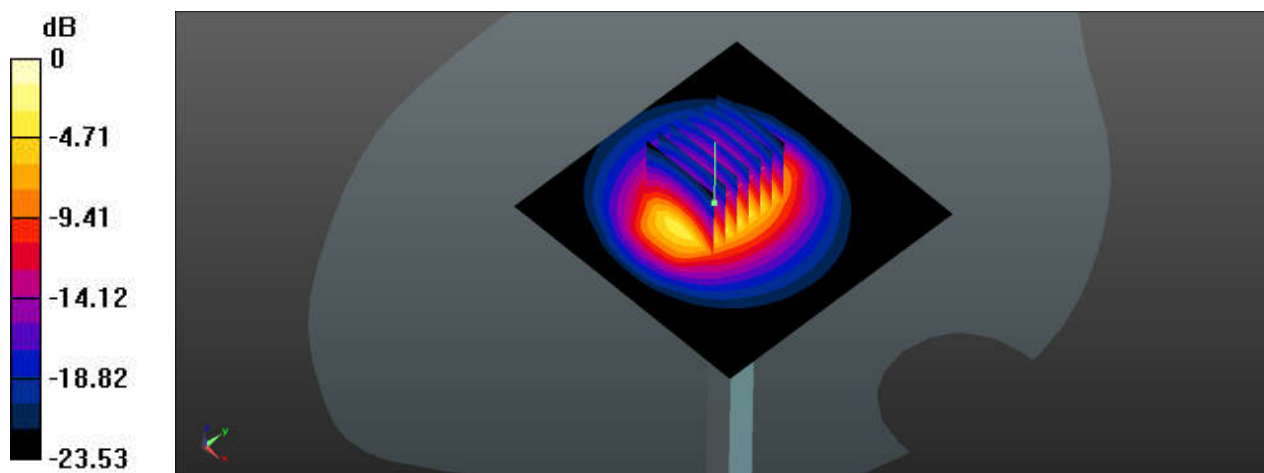
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.21 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 31.4 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.34 W/kg

Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 22.3 W/kg = 13.48 dBW/kg

System Check_Head_2450MHz

DUT: D2450V2-SN:924

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

Medium: HSL_2450_200228 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 39.386$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.4, 7.4, 7.4); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 18.3 W/kg

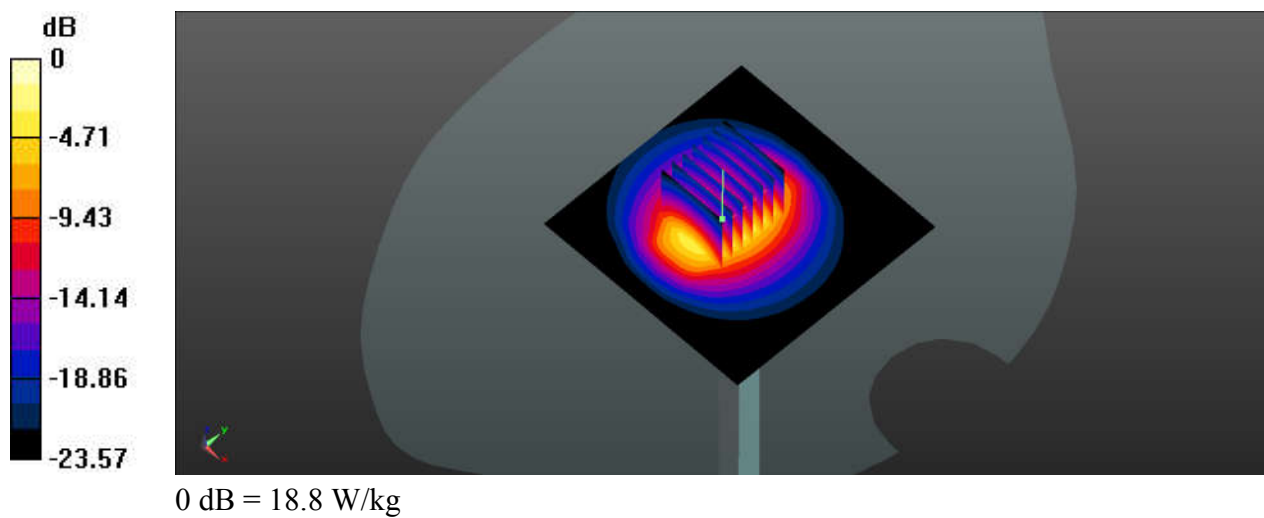
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 77.93 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 26.3 W/kg

SAR(1 g) = 12 W/kg; SAR(10 g) = 6.11 W/kg

Maximum value of SAR (measured) = 18.8 W/kg



System Check_Head_2600MHz

DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200125 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 38.814$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.25, 7.25, 7.25); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.6 W/kg

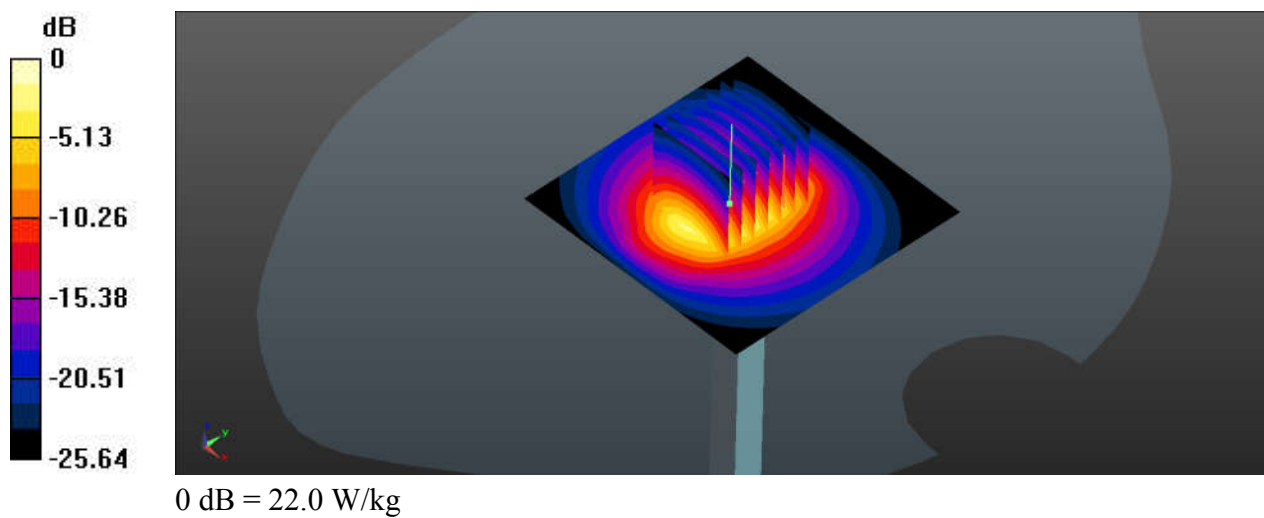
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 103.9 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 31.7 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.85 W/kg

Maximum value of SAR (measured) = 22.0 W/kg



System Check_Head_2600MHz

DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200307 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.992$ S/m; $\epsilon_r = 40.445$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.25, 7.25, 7.25); Calibrated: 2019/4/30
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 19.8 W/kg

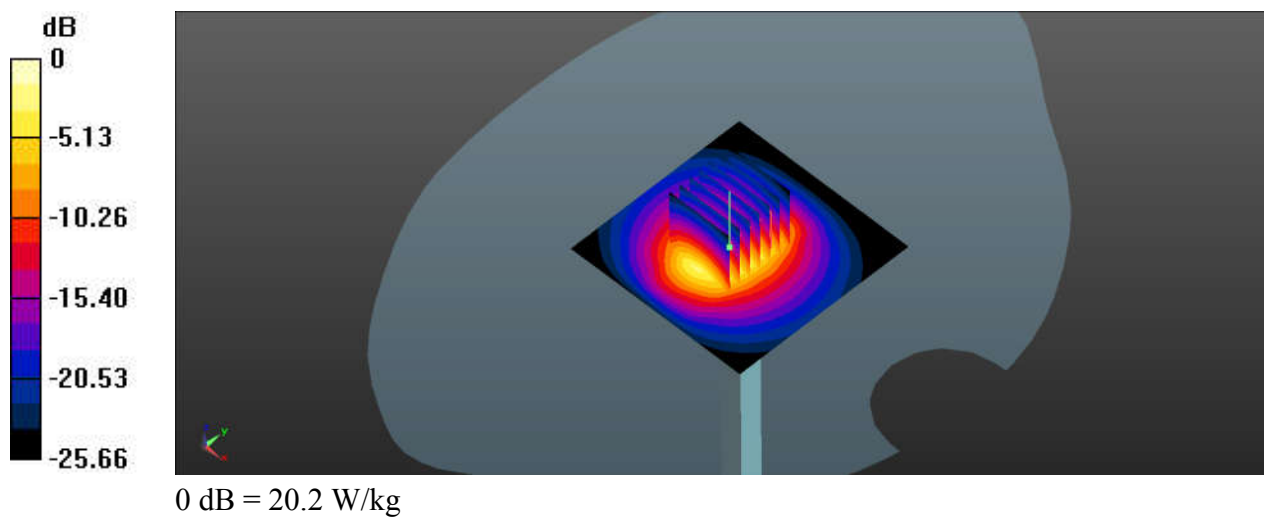
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.00 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 29.2 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 7.02 W/kg

Maximum value of SAR (measured) = 20.2 W/kg



System Check_Head_3500MHz**DUT: D3500V2-SN:1076**

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL_3500-3700_200210 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.909$ S/m; $\epsilon_r = 38.635$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2019/3/1
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 13.0 W/kg

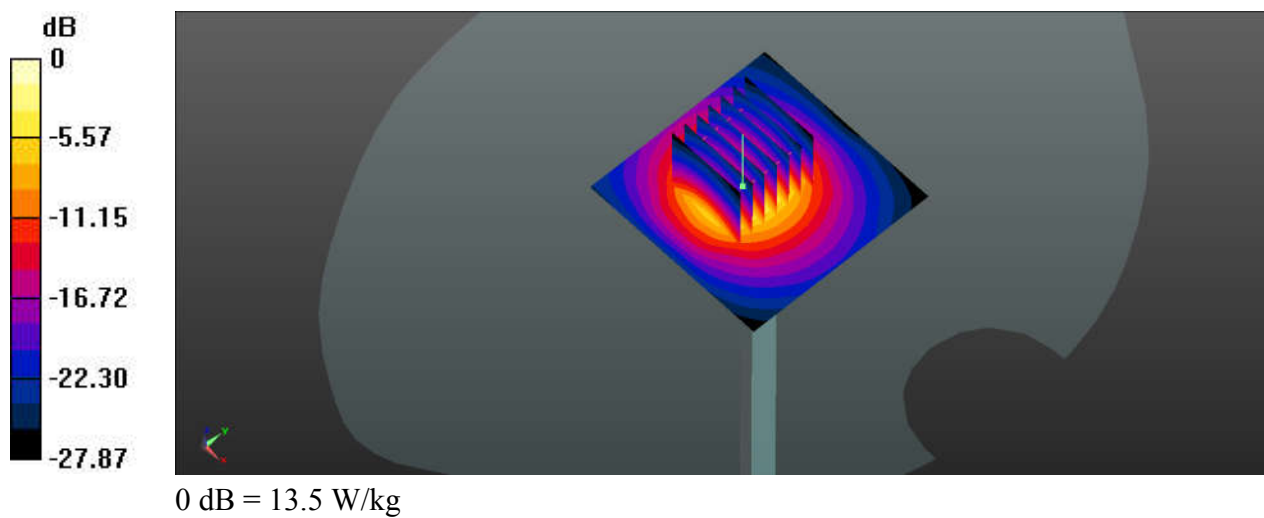
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 53.88 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 13.5 W/kg



System Check_Head_3500MHz

DUT: D3500V2-SN:1076

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL_3500-3700_200228 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.933$ S/m; $\epsilon_r = 39.225$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.89, 6.89, 6.89); Calibrated: 2019/3/1
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 18.5 W/kg

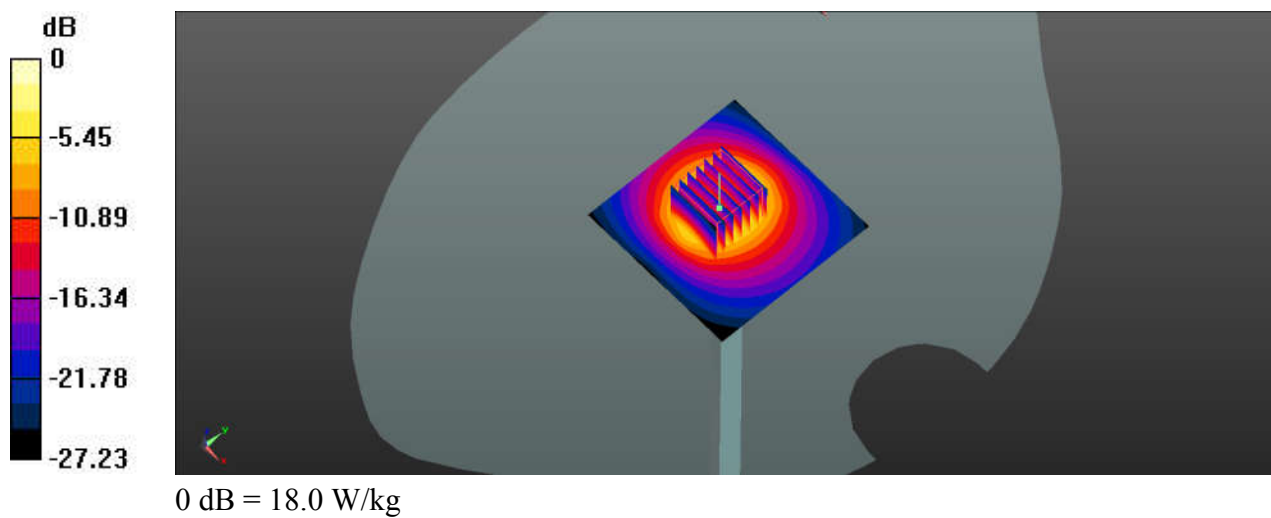
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.58 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 24.8 W/kg

SAR(1 g) = 6.89 W/kg; SAR(10 g) = 2.51 W/kg

Maximum value of SAR (measured) = 18.0 W/kg



System Check_Head_3700MHz

DUT: D3700V2-SN:1037

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL_3500-3700_200210 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.063$ S/m; $\epsilon_r = 39.332$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.67, 6.67, 6.67); Calibrated: 2019/3/1
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 14.4 W/kg

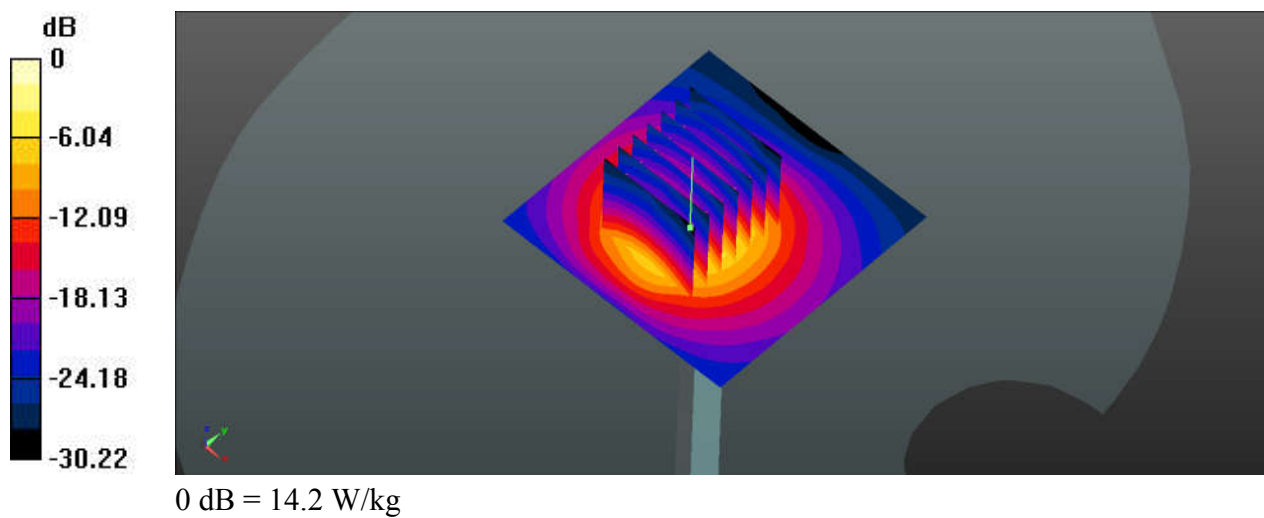
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 57.09 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 20.5 W/kg

SAR(1 g) = 6.87 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 14.2 W/kg



System Check_Head_3700MHz

DUT: D3700V2-SN:1037

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL_3500-3700_200228 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.67, 6.67, 6.67); Calibrated: 2019/3/1
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 11.3 W/kg

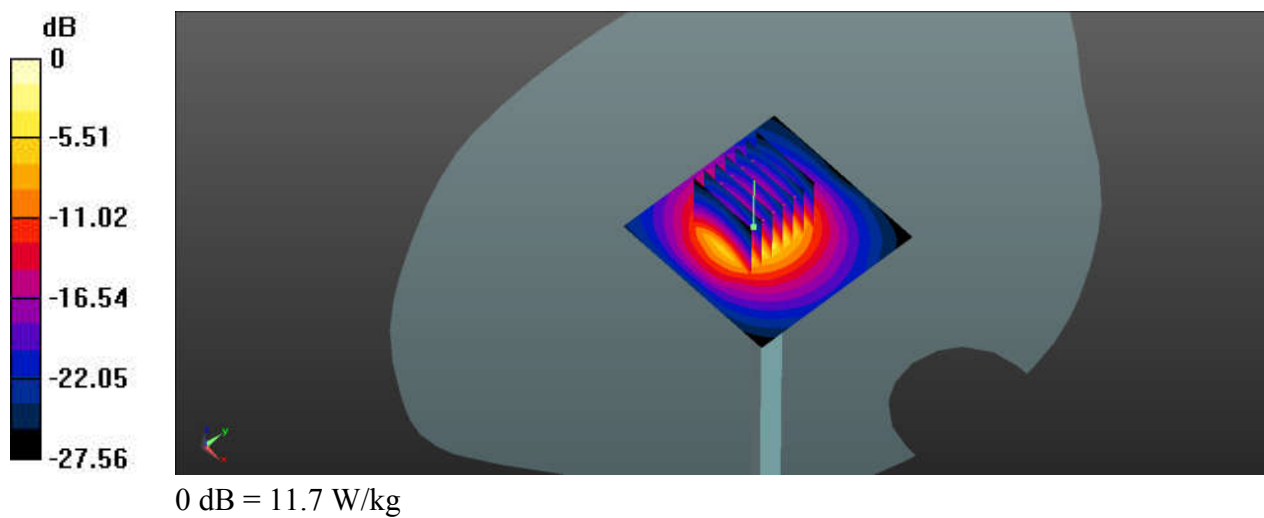
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 51.79 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 6.44 W/kg; SAR(10 g) = 2.65 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



System Check_Head_5250MHz

DUT: D5GHzV2-SN:1167

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

Medium: HSL_5250_200222 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.597$ S/m; $\epsilon_r = 36.241$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.27, 5.27, 5.27); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 21.6 W/kg

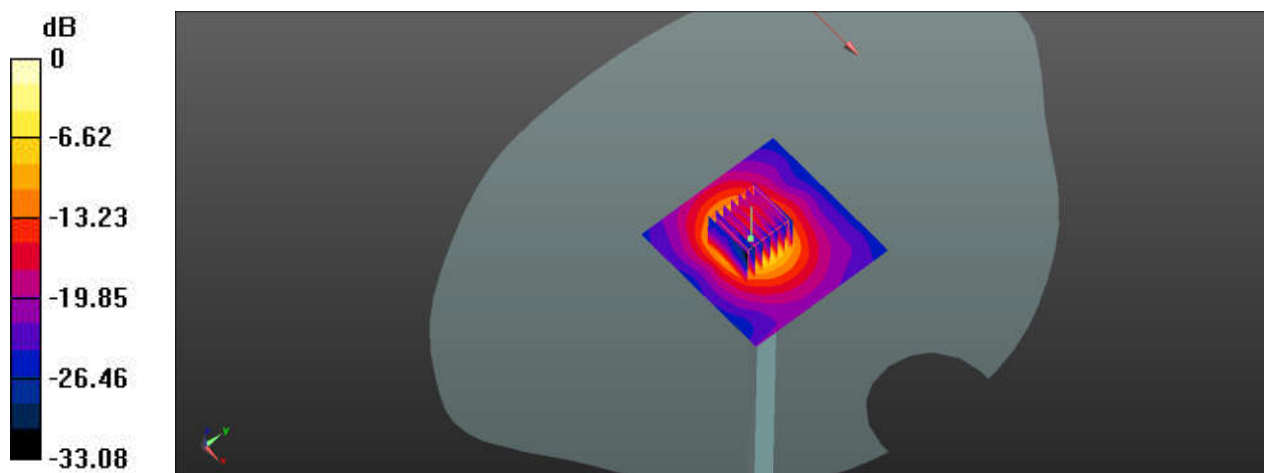
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.76 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg

System Check_Head_5250MHz

DUT: D5GHzV2-SN:1167

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

Medium: HSL_5250_200305 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.593$ S/m; $\epsilon_r = 36.239$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.27, 5.27, 5.27); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 21.6 W/kg

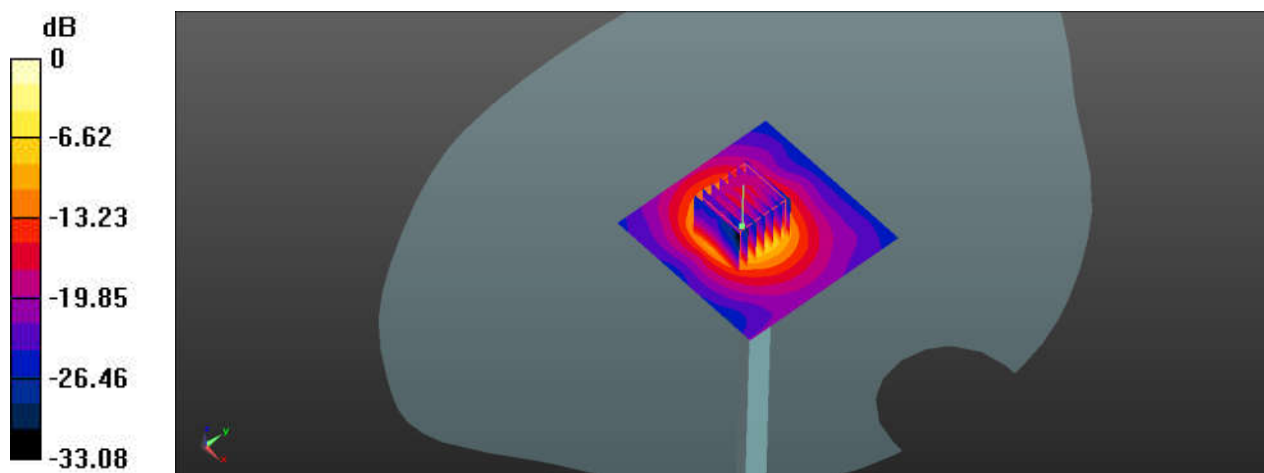
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.76 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.13 W/kg

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg

System Check_Head_5250MHz

DUT: D5GHzV2-SN:1167

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

Medium: HSL_5250_200308 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.628$ S/m; $\epsilon_r = 36.705$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.27, 5.27, 5.27); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 18.7 W/kg

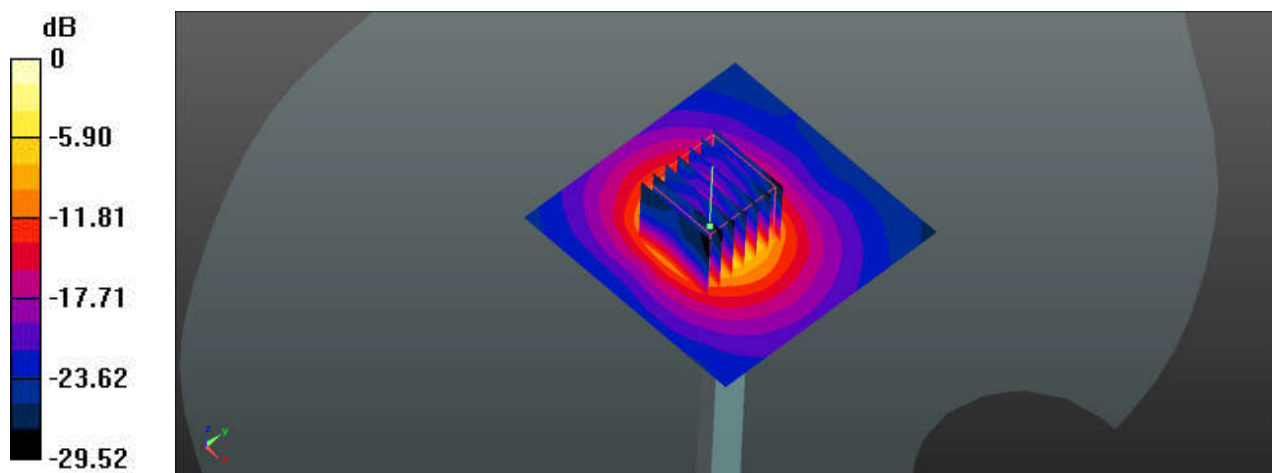
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.39 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 31.7 W/kg

SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.14 W/kg

Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 19.0 W/kg

System Check_Head_5600MHz

DUT: D5GHzV2-SN:1167

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

Medium: HSL_5600_200221 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.954$ S/m; $\epsilon_r = 35.793$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.7, 4.7, 4.7); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.4 W/kg

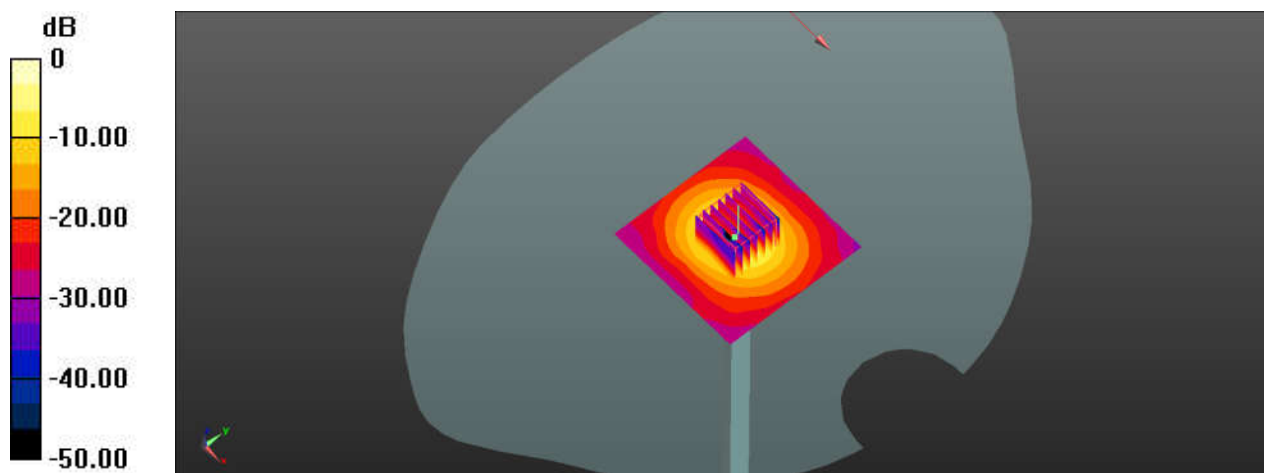
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.76 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 22.0 W/kg

SAR(1 g) = 7.55 W/kg; SAR(10 g) = 2.41 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg

System Check_Head_5600MHz

DUT: D5GHzV2-SN:1167

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

Medium: HSL_5600_200311 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.956$ S/m; $\epsilon_r = 35.795$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.7, 4.7, 4.7); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.4 W/kg

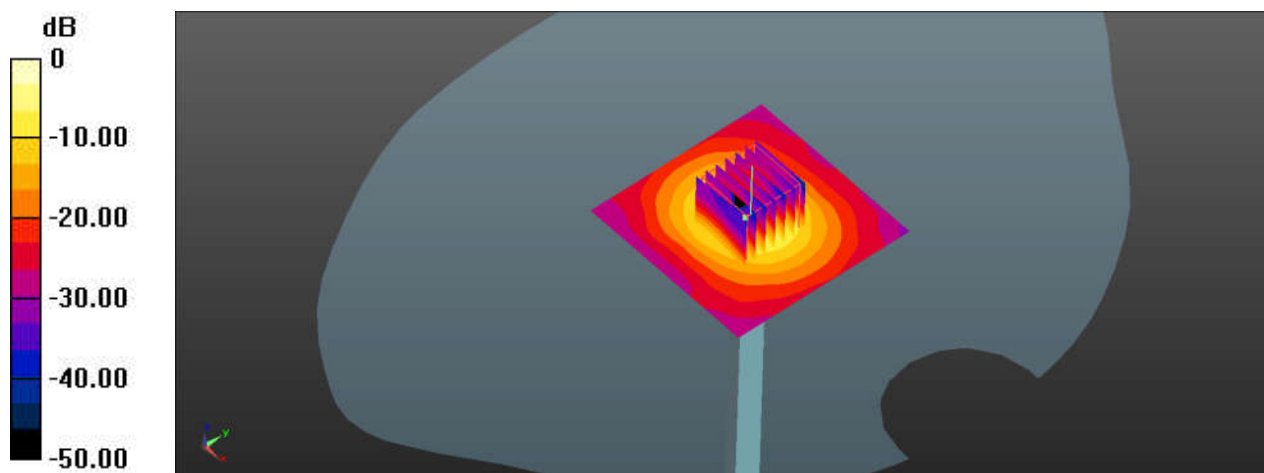
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.76 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 22.0 W/kg

SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.14 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg

System Check_Head_5600MHz

DUT: D5GHzV2-SN:1167

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

Medium: HSL_5600_200312 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.004$ S/m; $\epsilon_r = 36.093$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.7, 4.7, 4.7); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 20.4 W/kg

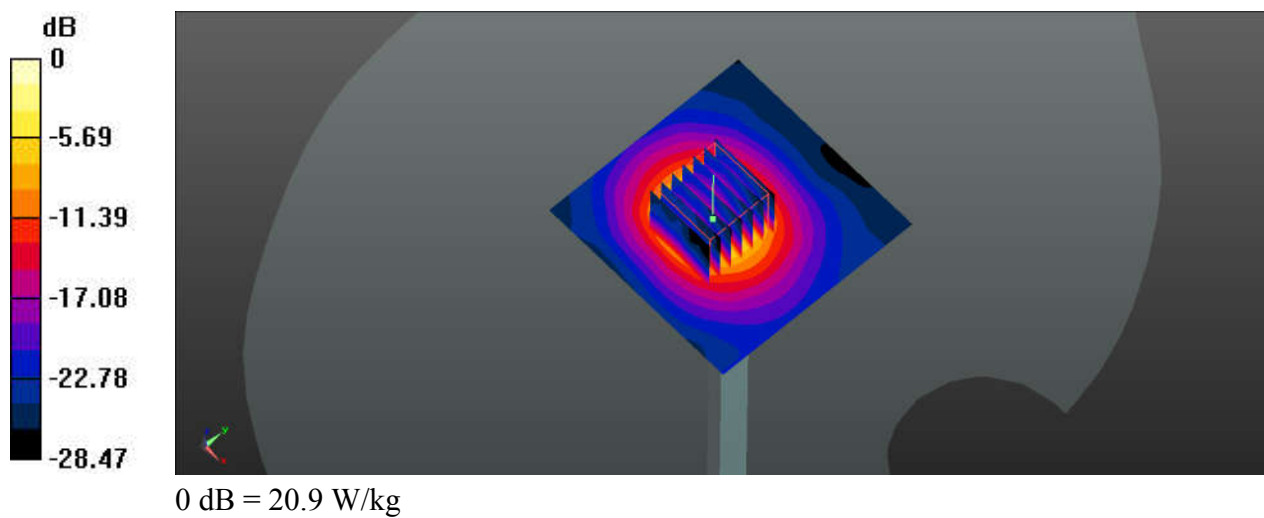
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.96 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 36.9 W/kg

SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.25 W/kg

Maximum value of SAR (measured) = 20.9 W/kg



System Check_Head_5750MHz

DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5750_200223 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.119$ S/m; $\epsilon_r = 35.497$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.75, 4.75, 4.75); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 9.42 W/kg

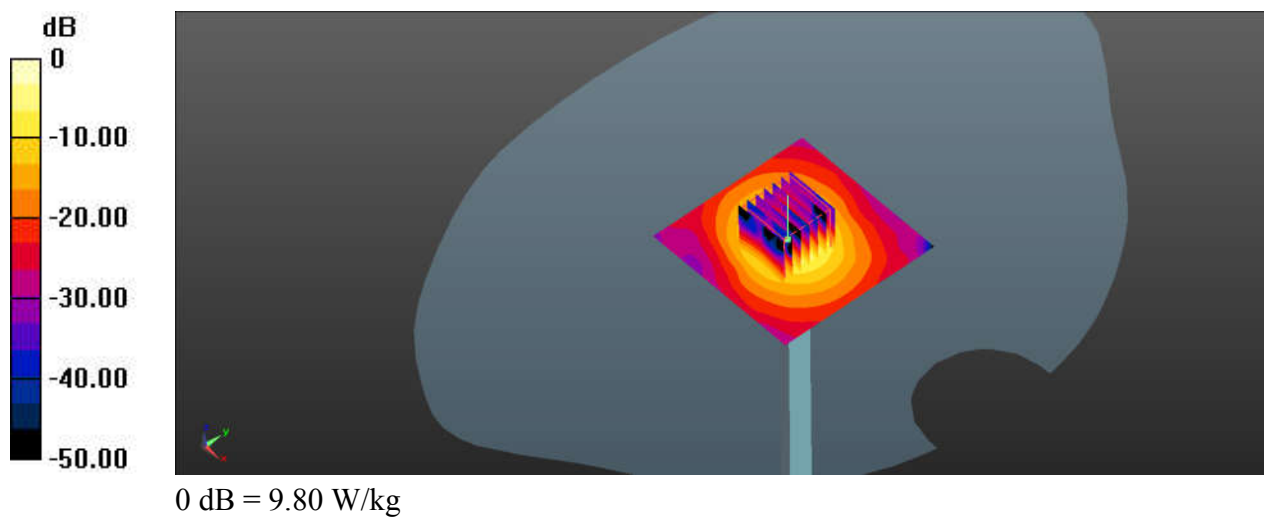
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.89 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 7.23 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 9.80 W/kg



System Check_Head_5750MHz

DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5750_200306 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.385$ S/m; $\epsilon_r = 35.954$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.75, 4.75, 4.75); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 9.91 W/kg

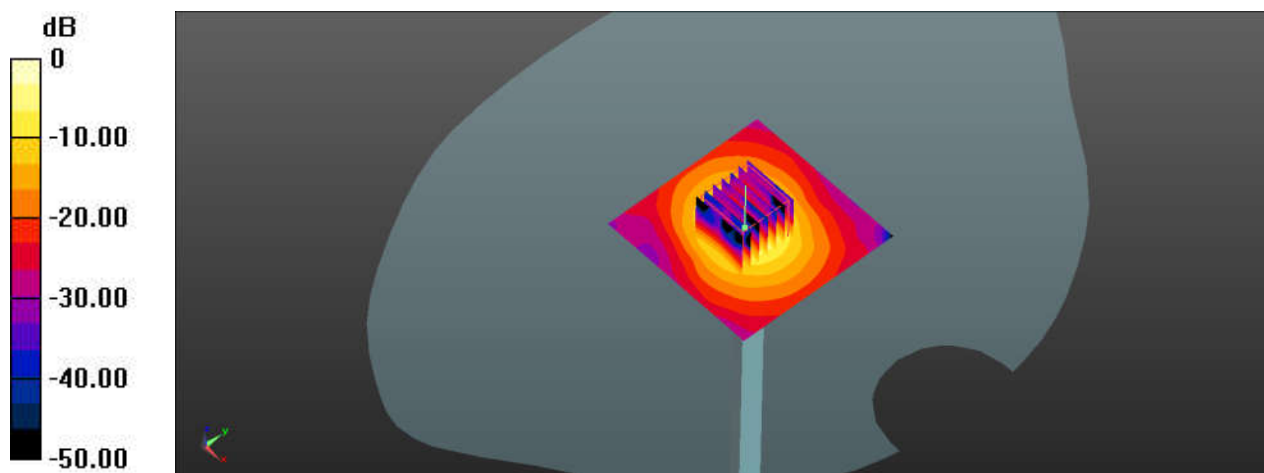
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 37.89 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 7.14 W/kg; SAR(10 g) = 2.09 W/kg

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



0 dB = 10.3 W/kg

System Check_Head_5750MHz

DUT: D5GHzV2-SN:1167

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5750_200313 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.173$ S/m; $\epsilon_r = 35.826$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.75, 4.75, 4.75); Calibrated: 2019/4/30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1437; Calibrated: 2019/11/19
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 20.6 W/kg

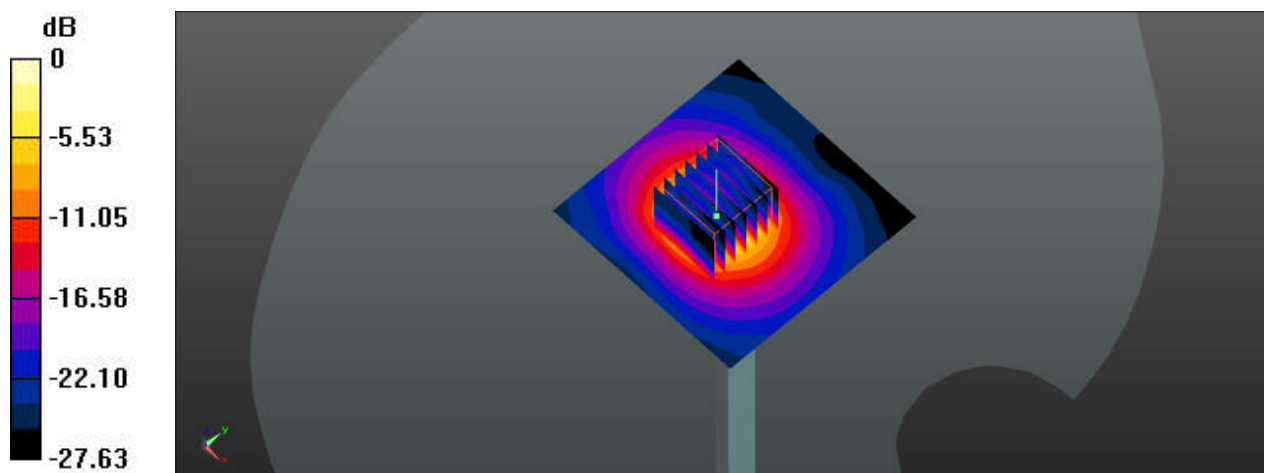
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.50 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 37.0 W/kg

SAR(1 g) = 8.14 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg

System Check_Head_1750MHz

DUT: D1750V2-1112

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200303 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.357$ S/m; $\epsilon_r = 40.774$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1750 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.6 W/kg

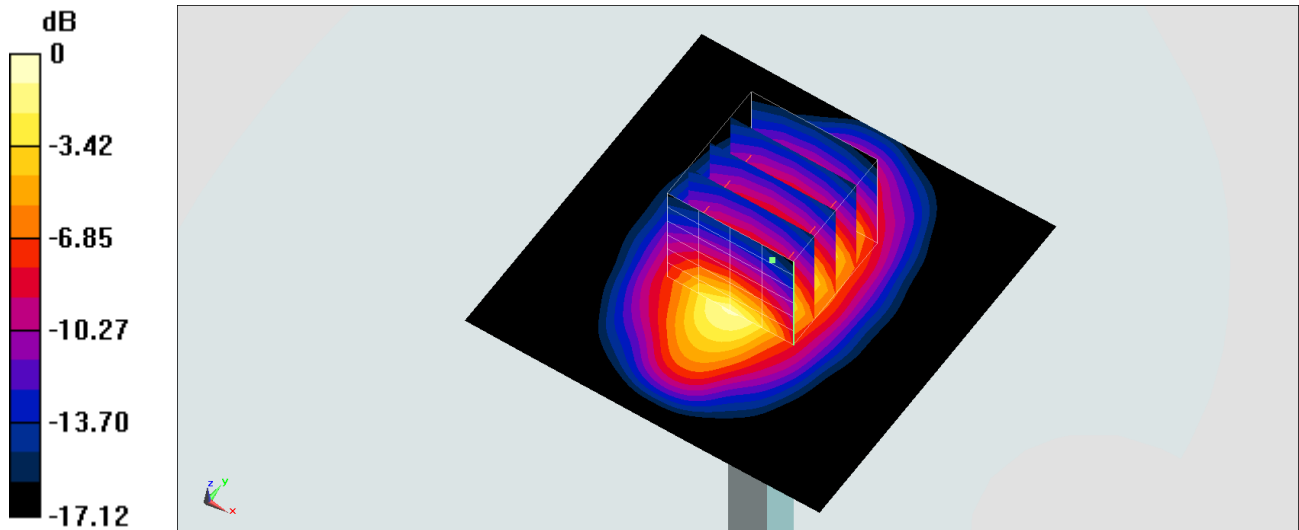
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.4 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.41 W/kg; SAR(10 g) = 5.01 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

System Check_Head_1750MHz

DUT: D1750V2-1112

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200310 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51) @ 1750 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.0 W/kg

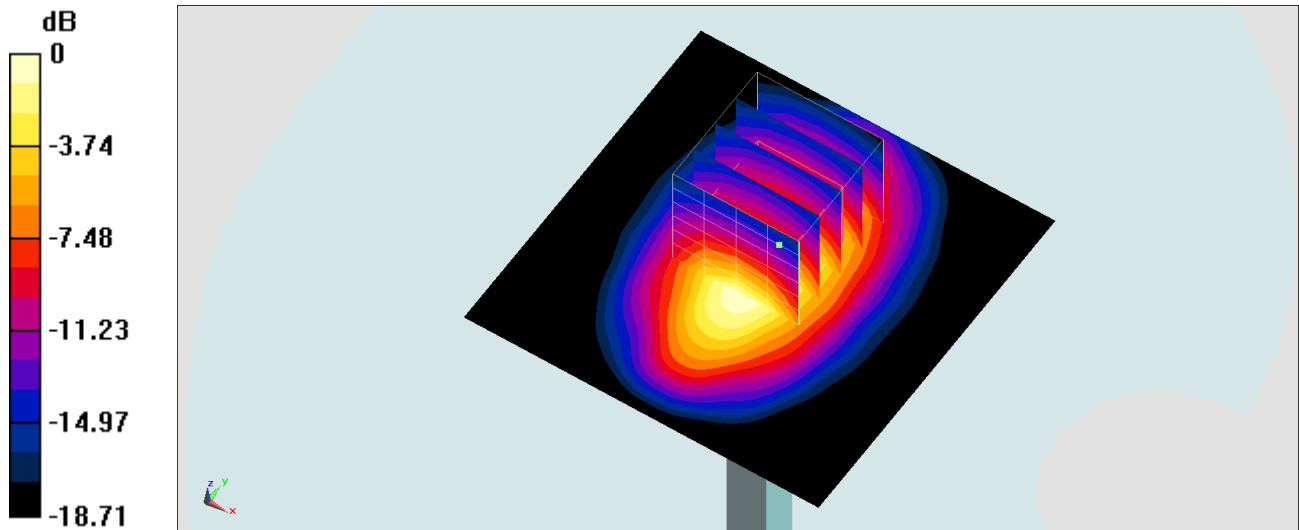
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 9.04 W/kg; SAR(10 g) = 4.65 W/kg

Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

System Check_Head_1900MHz

DUT: D1900V2-5d041

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200303 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 40.614$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1900 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.2 W/kg

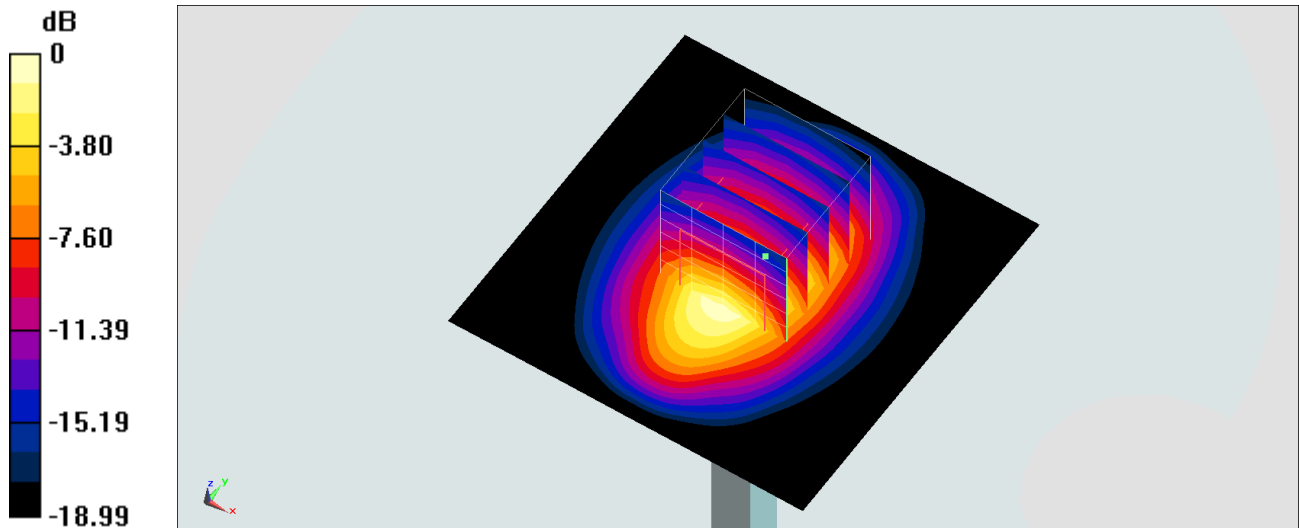
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.6 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.5 W/kg; SAR(10 g) = 4.95 W/kg

Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg = 11.61 dBW/kg

System Check_Head_1900MHz

DUT: D1900V2-5d041

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200310 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 39.048$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 17.2 W/kg

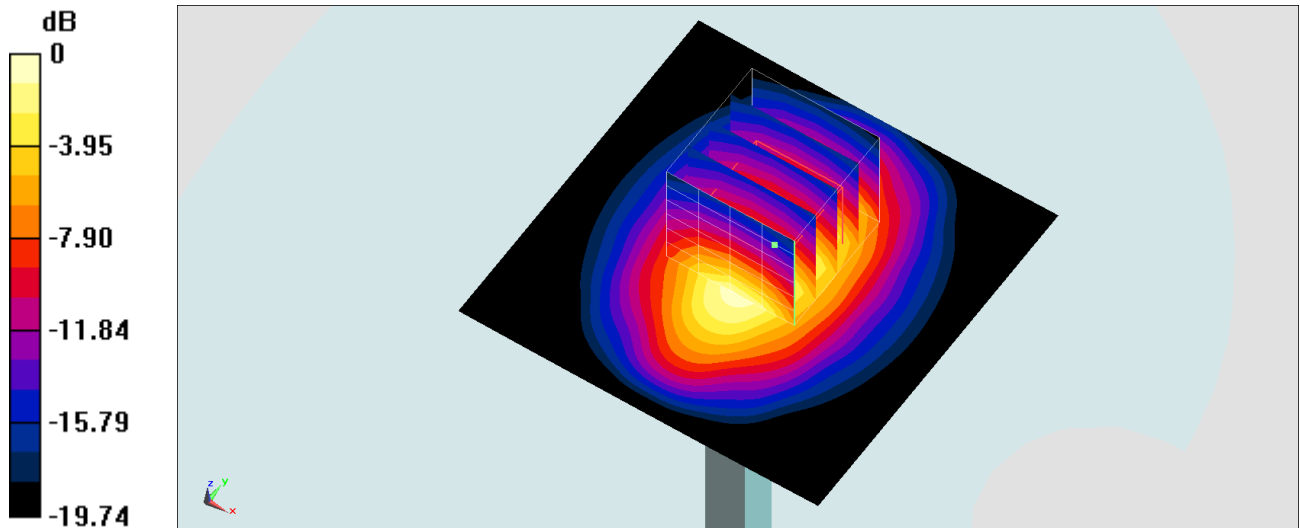
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.0 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 20.7 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.4 W/kg

Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.3 W/kg = 12.12 dBW/kg

System Check_Head_2600MHz

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200303 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.982$ S/m; $\epsilon_r = 39.221$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2600 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.9 W/kg

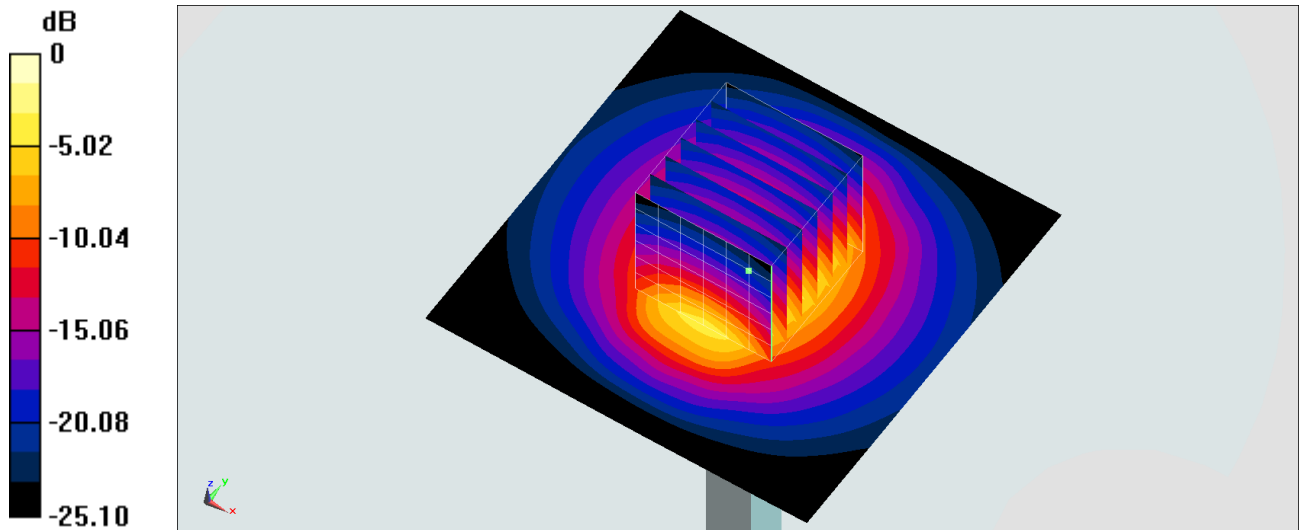
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.9 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 31.4 W/kg

SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.34 W/kg

Maximum value of SAR (measured) = 25.0 W/kg



0 dB = 25.0 W/kg = 13.98 dBW/kg

System Check_Head_2600MHz

DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200310 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.001$ S/m; $\epsilon_r = 40.002$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3) @ 2600 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 27.6 W/kg

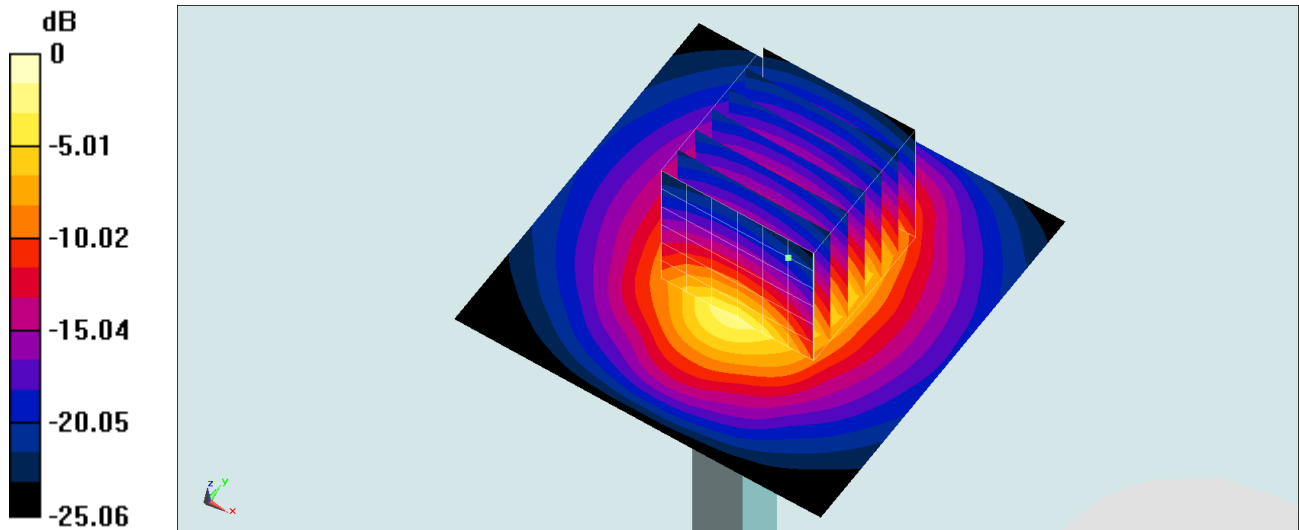
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.7 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 34.4 W/kg

SAR(1 g) = 15.1 W/kg; SAR(10 g) = 6.58 W/kg

Maximum value of SAR (measured) = 26.7 W/kg



0 dB = 26.7 W/kg = 14.27 dBW/kg