

System Check_Head_835MHz_140514**DUT: D835V2-4d162**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_850_140514 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.928 \text{ mho/m}$; $\epsilon_r = 43$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.87, 9.87, 9.87); Calibrated: 2013/9/10
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 3.19 mW/g

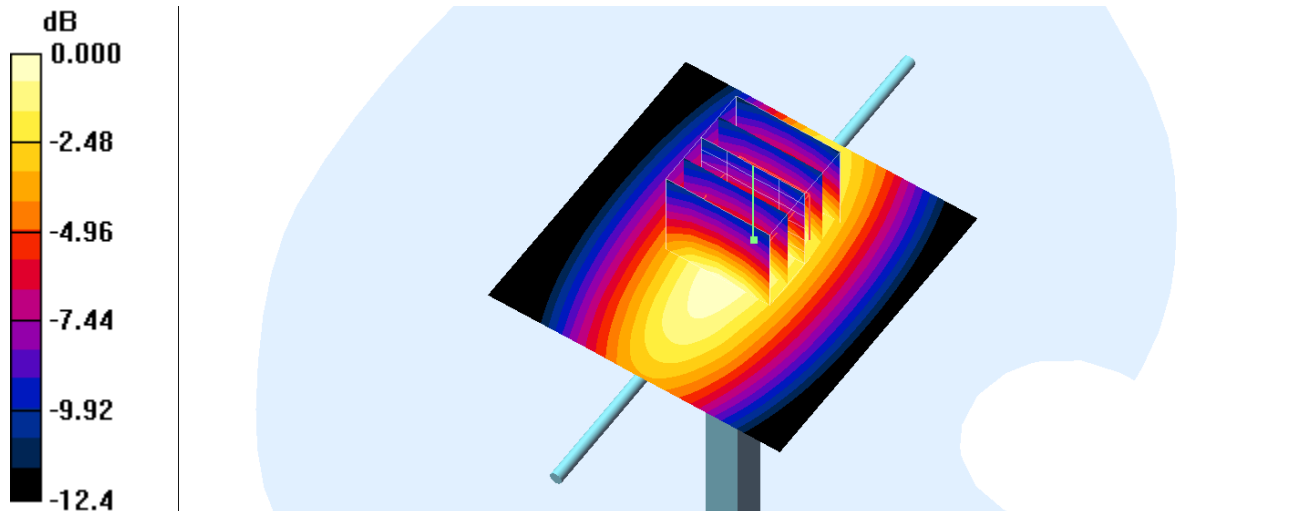
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.5 V/m ; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 2.51 mW/g ; SAR(10 g) = 1.62 mW/g

Maximum value of SAR (measured) = 3.19 mW/g



0 dB = 3.19 mW/g

System Check_Body_835MHz_140513**DUT: D835V2-4d162**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_850_140513 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.955 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.66, 9.66, 9.66); Calibrated: 2013/9/10
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 3.11 mW/g

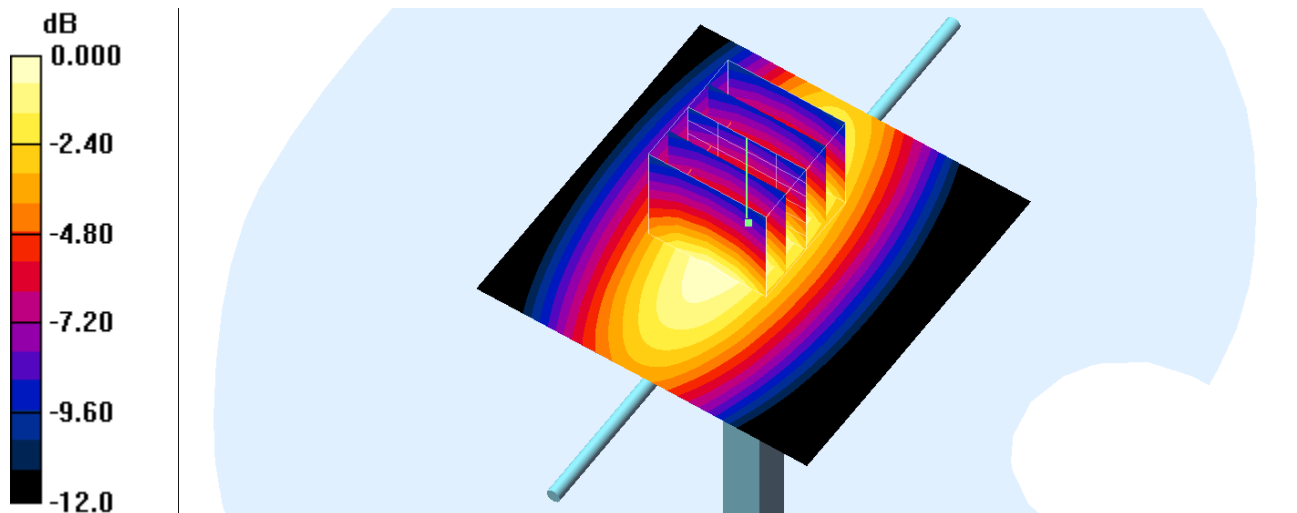
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.7 V/m ; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 2.43 mW/g ; SAR(10 g) = 1.61 mW/g

Maximum value of SAR (measured) = 3.06 mW/g



0 dB = 3.06 mW/g

System Check_Head_1900MHz_140513**DUT: D1900V2-5d041**

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

Medium: HSL_1900_140513 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.5 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.4, 8.4, 8.4); Calibrated: 2013/9/10
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 16.3 mW/g

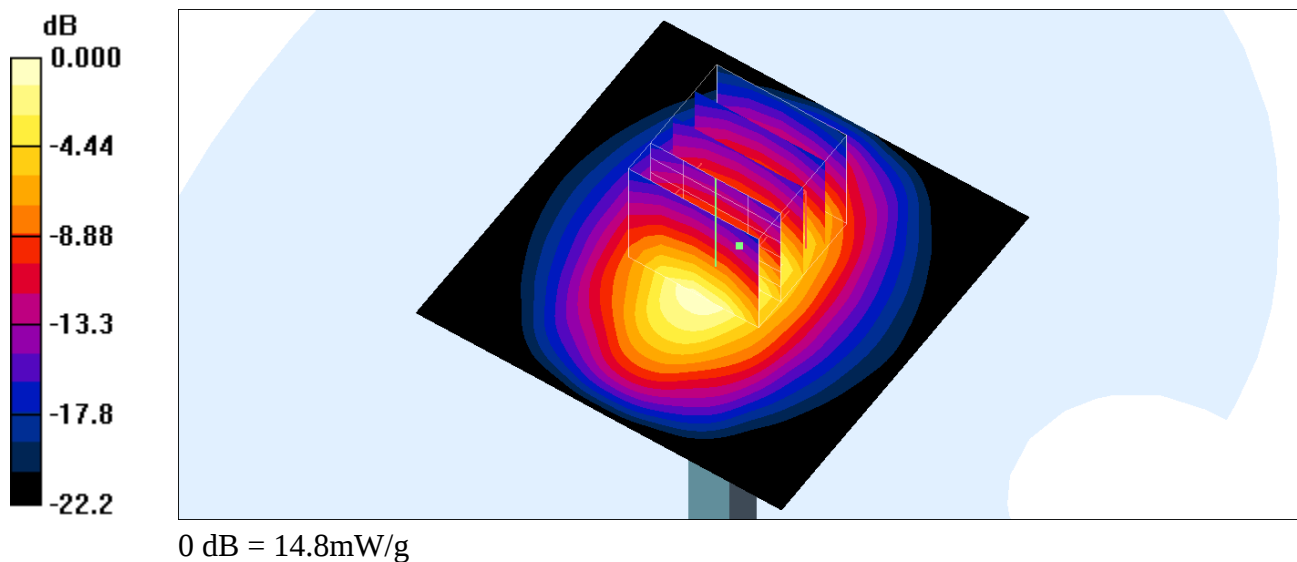
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 104.5 V/m ; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 10.6 mW/g ; SAR(10 g) = 5.42 mW/g

Maximum value of SAR (measured) = 14.8 mW/g



System Check_Body_1900MHz_140512**DUT: D1900V2-SN:5d041**

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

Medium: MSL_1900_140512 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.61, 7.61, 7.61); Calibrated: 2013/9/10
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 14.5 mW/g

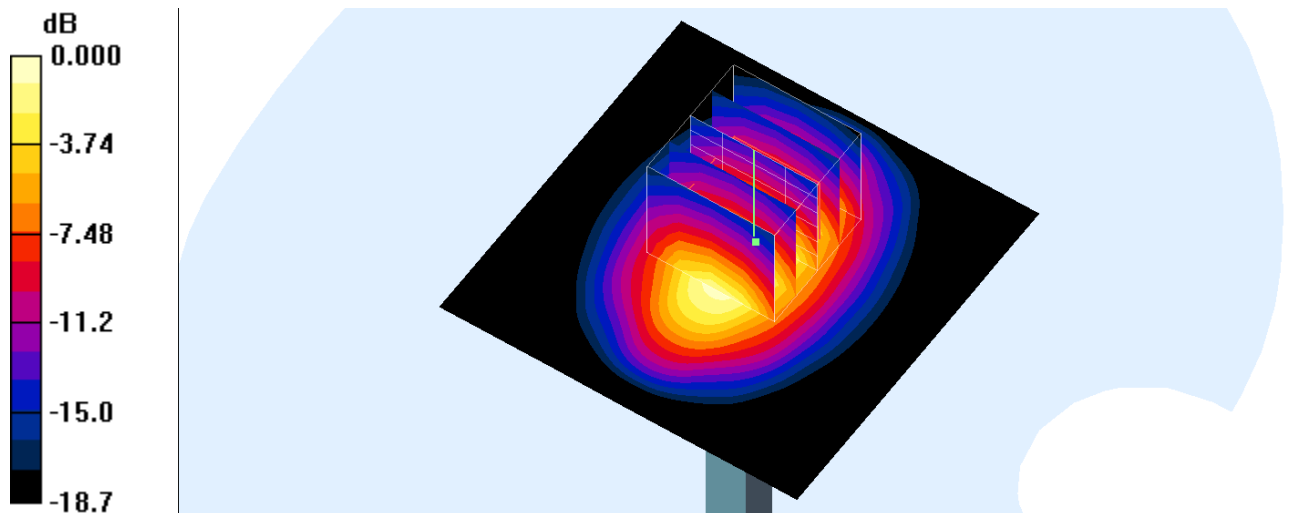
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.7 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 9.83 mW/g; SAR(10 g) = 5.07 mW/g

Maximum value of SAR (measured) = 13.6 mW/g



0 dB = 13.6mW/g

System Check_Head_2450MHz_140518

DUT: D2450V2-924

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

Medium: HSL_2450_140518 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 38.594$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.59, 7.59, 7.59); Calibrated: 2013/9/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 21.8 W/kg

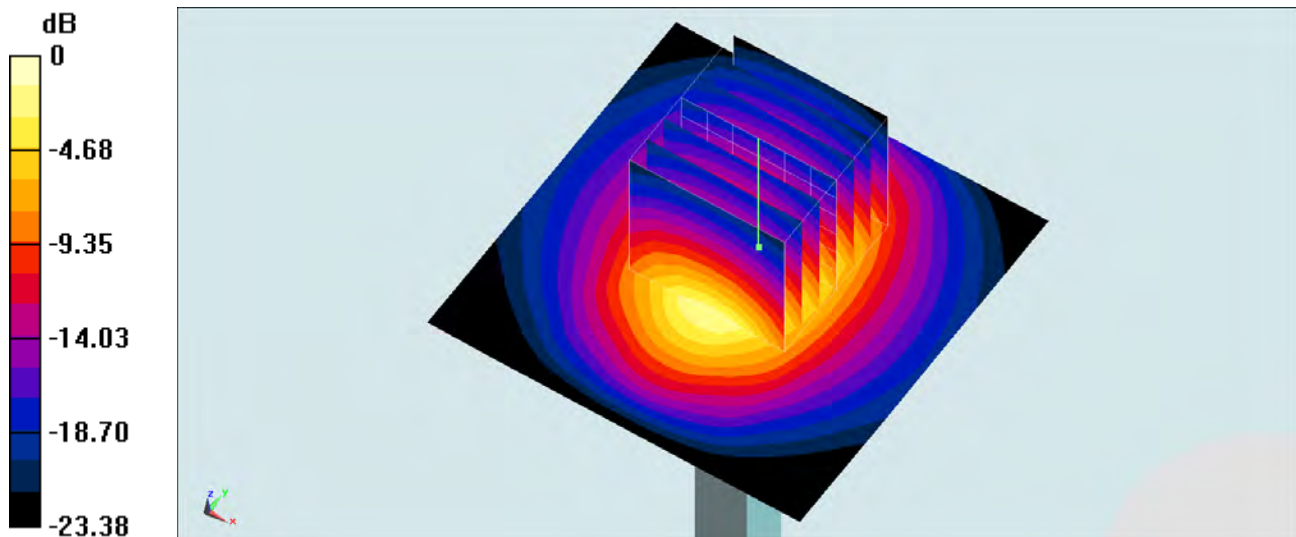
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.4 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 27.7 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.99 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

System Check_Head_2450MHz-140523

DUT: D2450V2-924

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

Medium: HSL_2450_140523 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.845$ S/m; $\epsilon_r = 39.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.97, 6.97, 6.97); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: SAM RIGHT; Type: SAM; Serial: 1801
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 21.1 W/kg

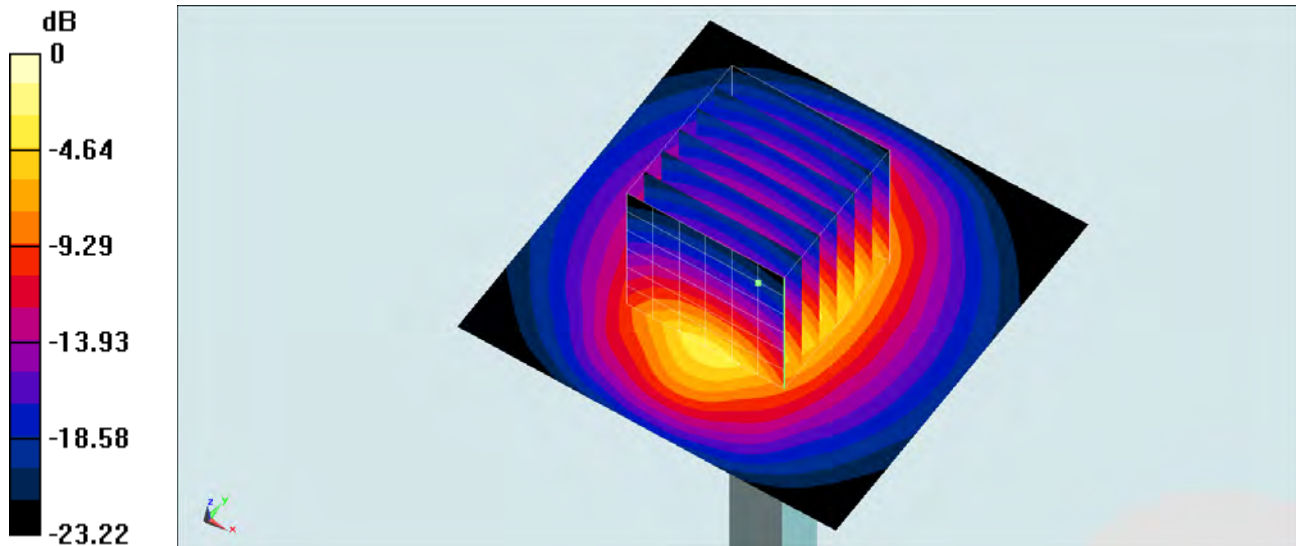
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.09 W/kg

Maximum value of SAR (measured) = 20.8 W/kg



0 dB = 20.8 W/kg = 13.18 dBW/kg

System Check_Body_2450MHz_140517

DUT: D2450V2-924

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

Medium: MSL_2450_140517 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 53.832$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.24, 7.24, 7.24); Calibrated: 2013/9/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

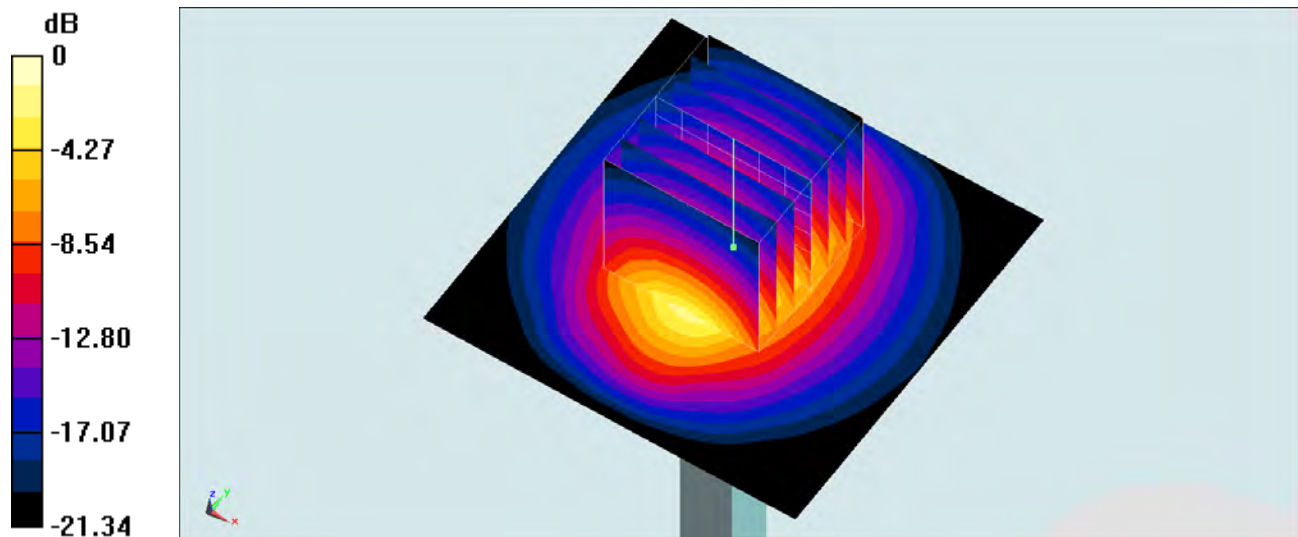
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.417 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

System Check_Body_2450MHz_140518

DUT: D2450V2-924

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

Medium: MSL_2450_140518 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 53.849$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.24, 7.24, 7.24); Calibrated: 2013/9/10;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2014/3/3
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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

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

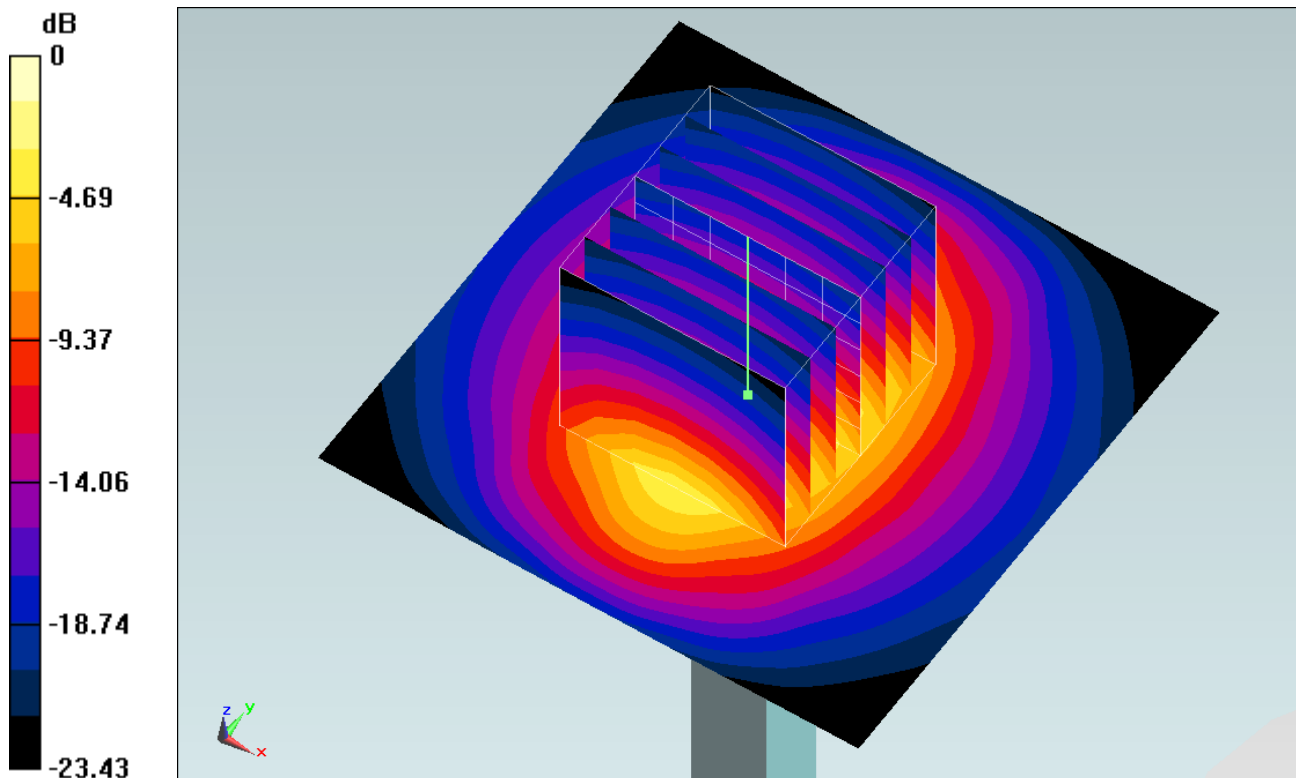
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.622 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 12 W/kg; SAR(10 g) = 5.45 W/kg

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



0 dB = 18.7 W/kg = 12.72 dBW/kg

System Check_Body_2450MHz-140523

DUT: D2450V2-924

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

Medium: MSL_2450_140523 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 53.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.15, 7.15, 7.15); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

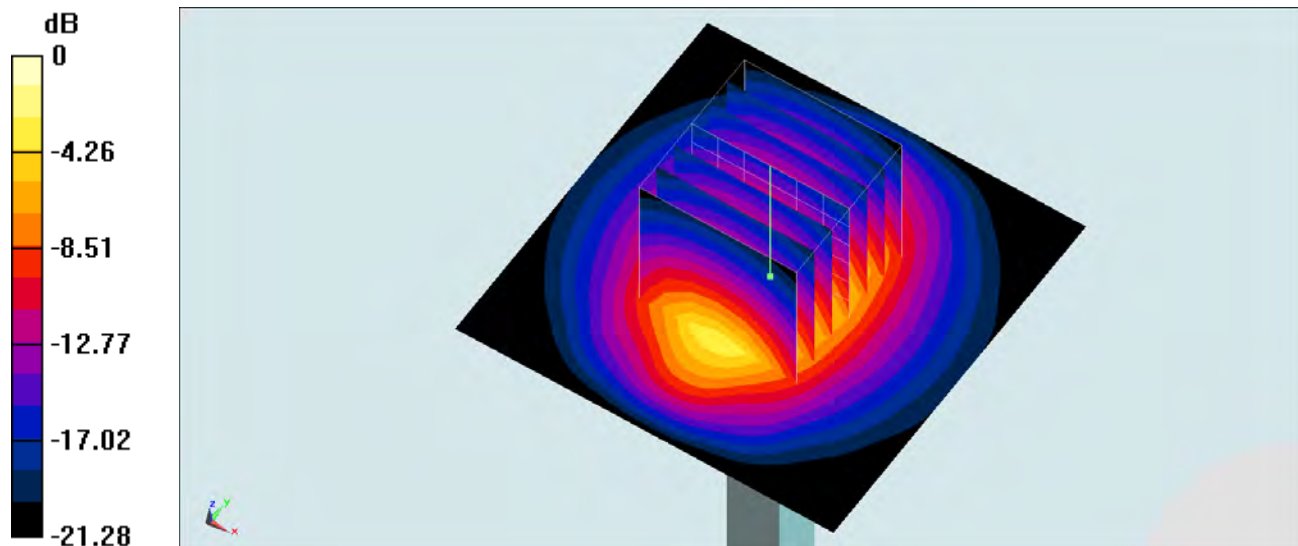
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 103.2 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 26.7 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.16 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg