

System Check_Head_835MHz_120819

DUT: D835V2-SN:499

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

Medium: HSL_835_120819 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.921 \text{ mho/m}$; $\epsilon_r = 41.254$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.3 \text{ }^\circ\text{C}$; Liquid Temperature : $21.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 2.71 W/kg

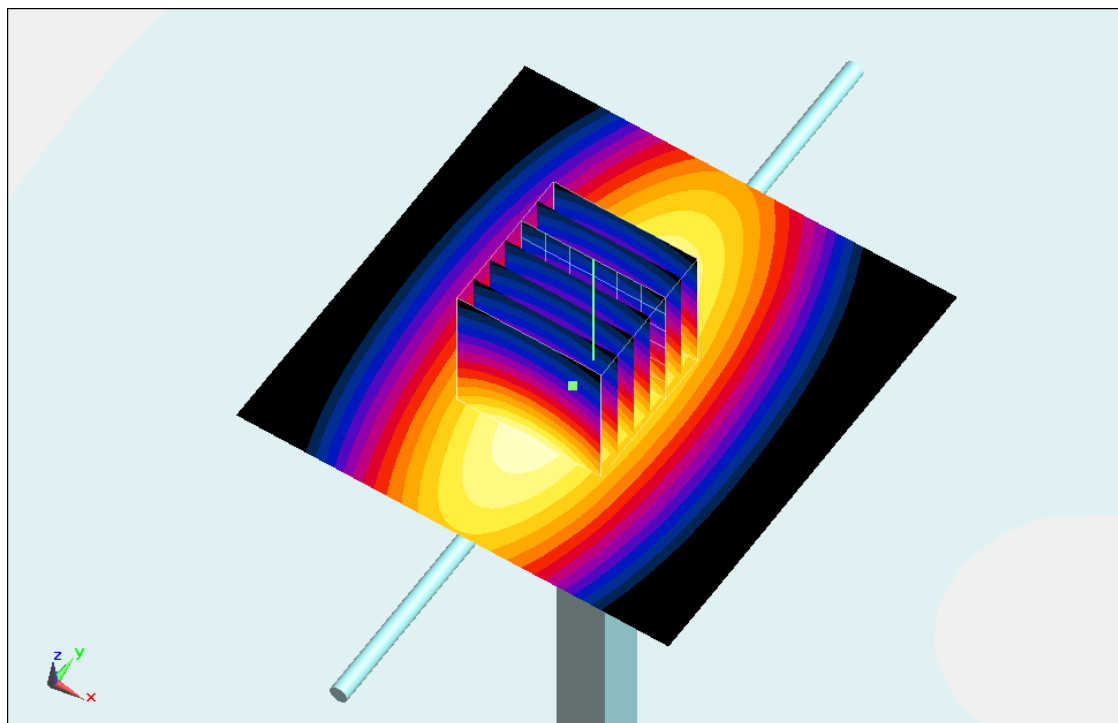
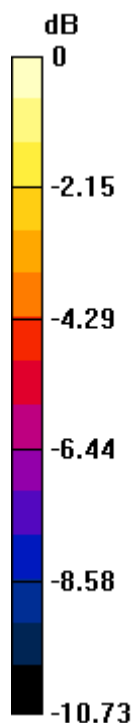
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 54.675 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.808 mW/g

SAR(1 g) = 2.5 mW/g ; SAR(10 g) = 1.62 mW/g

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 8.60 dB W/kg

System Check_Head_835MHz_120824

DUT: D835V2-SN:499

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

Medium: HSL_835_120824 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41.661$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.8, 5.8, 5.8); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 2.80 mW/g

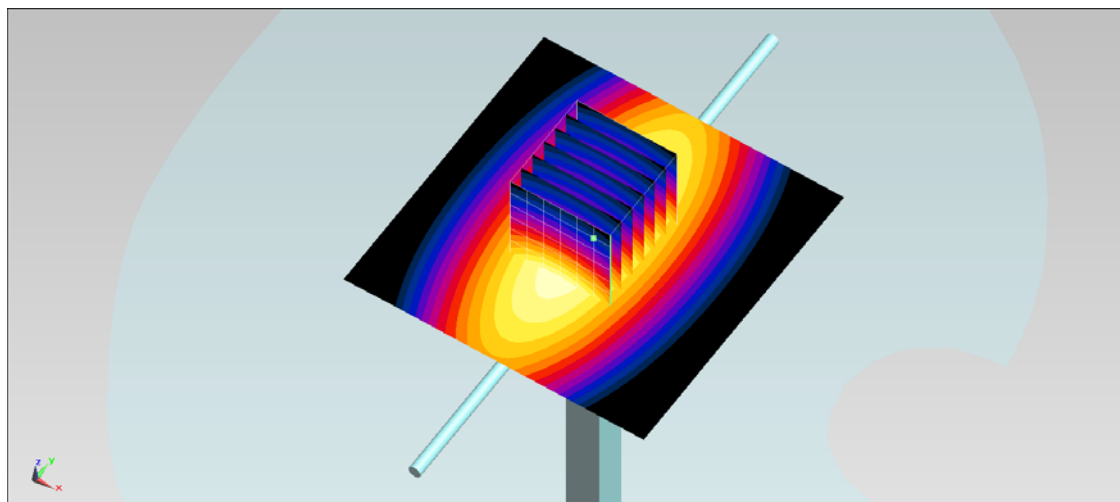
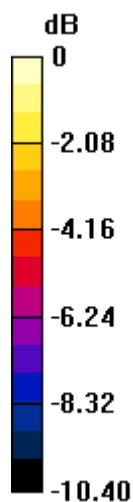
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.229 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.713 mW/g

SAR(1 g) = 2.58 mW/g ; SAR(10 g) = 1.7 mW/g

Maximum value of SAR (measured) = 2.79 mW/g



0 dB = $2.79 \text{ mW/g} = 8.91 \text{ dB mW/g}$

System Check_Body_835MHz_120819

DUT: D835V2-SN:499

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

Medium: MSL_835_120819 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.532$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 2.75 W/kg

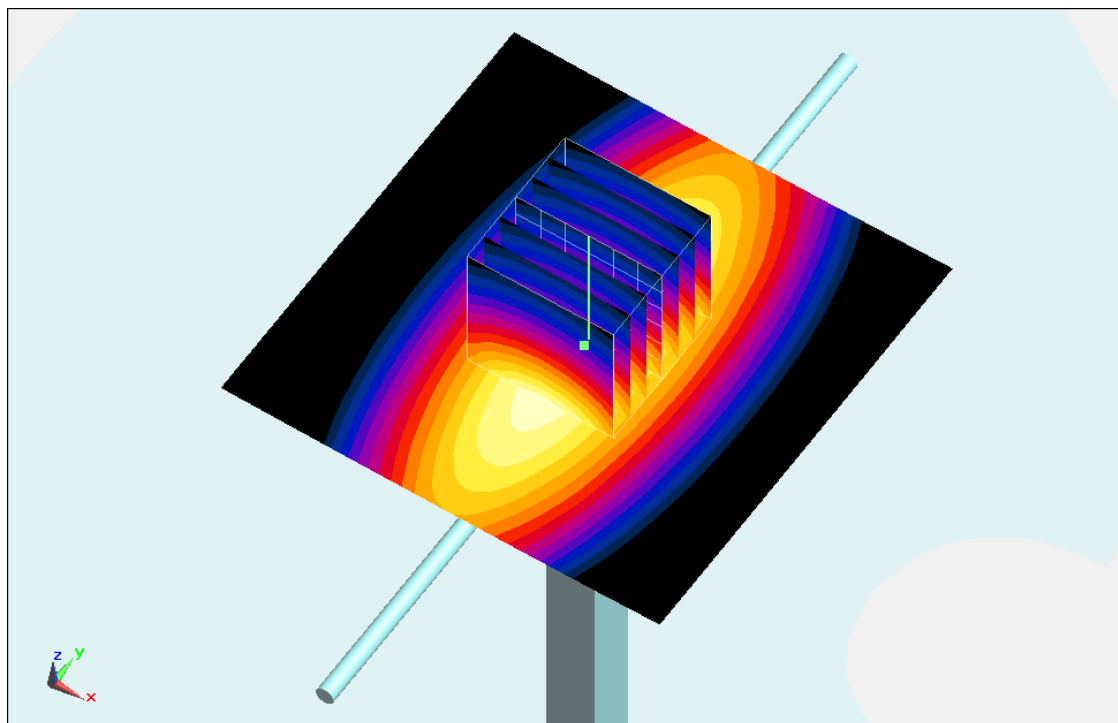
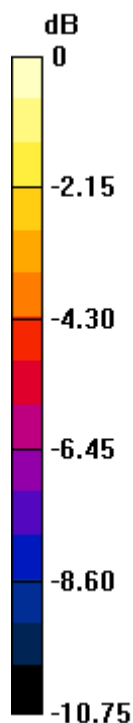
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 54.896 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.911 mW/g

SAR(1 g) = 2.53 mW/g ; SAR(10 g) = 1.59 mW/g

Maximum value of SAR (measured) = 2.76 W/kg



0 dB = 2.76 W/kg = 8.82 dB W/kg

System Check_Body_835MHz_120820**DUT: D835V2-SN:499**

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

Medium: MSL_835_120820 Medium parameters used: $f = 835$ MHz; $\sigma = 0.985$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- 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) = 2.58 mW/g

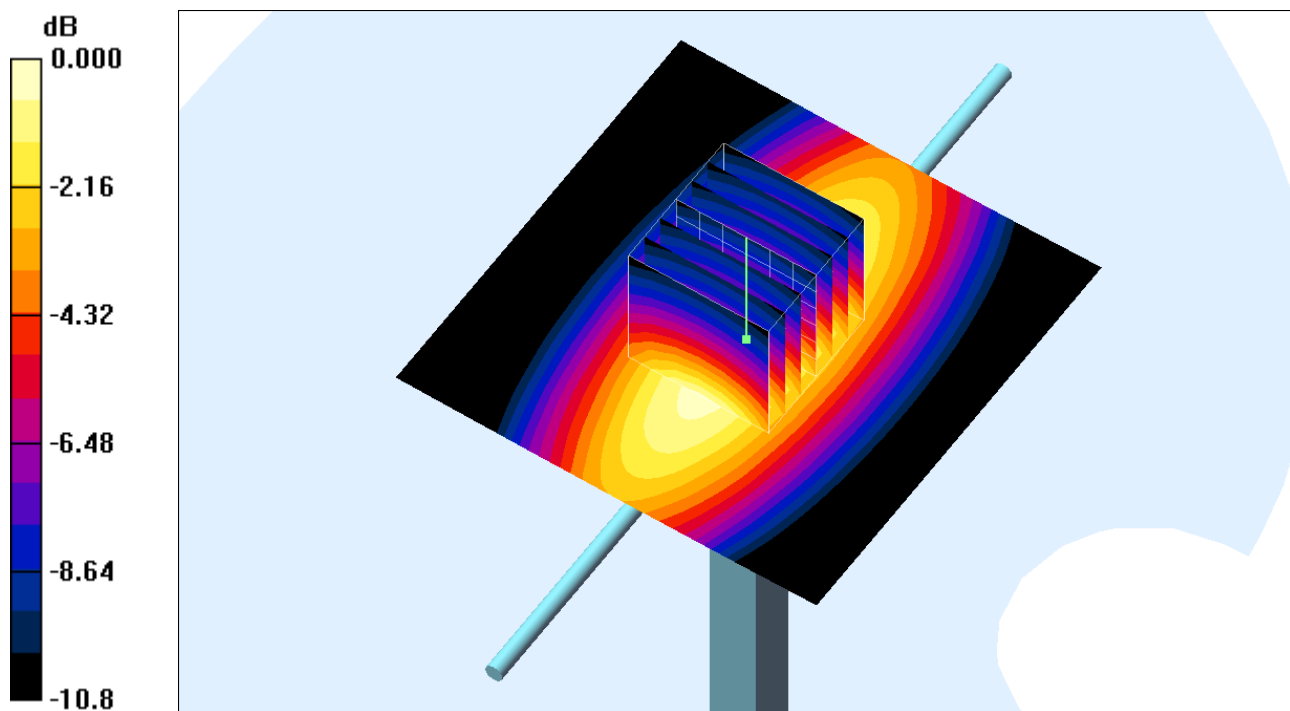
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.8 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.5 mW/g

Maximum value of SAR (measured) = 2.61 mW/g



0 dB = 2.61mW/g

System Check_Body_835MHz_120825

DUT: D835V2-SN:499

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

Medium: MSL_835_120825 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.996 \text{ mho/m}$; $\epsilon_r = 55.38$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 2.49 mW/g

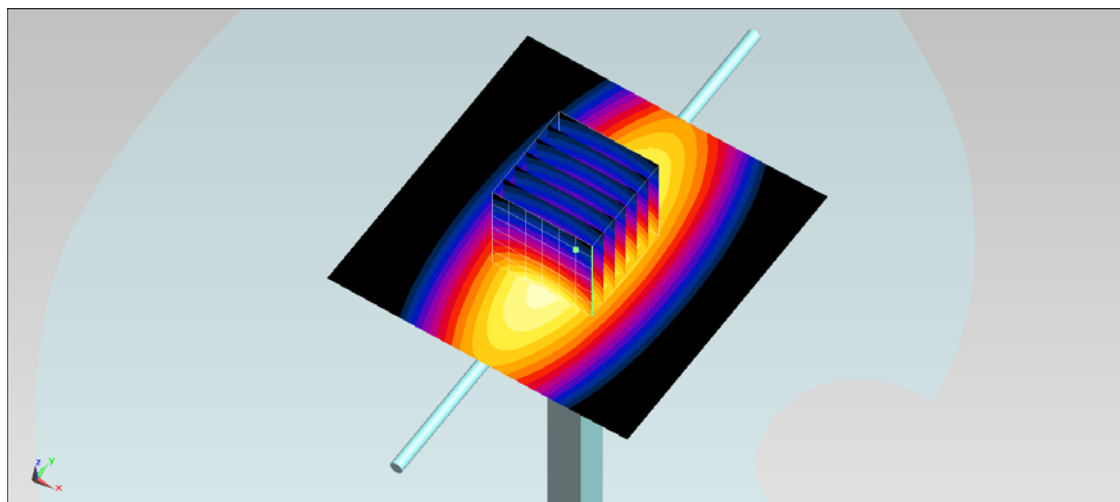
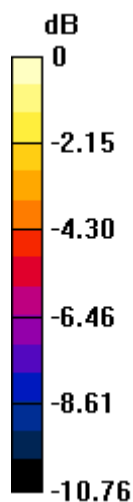
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 51.589 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.570 mW/g

SAR(1 g) = 2.3 mW/g ; SAR(10 g) = 1.45 mW/g

Maximum value of SAR (measured) = 2.51 mW/g



0 dB = $2.51 \text{ mW/g} = 7.99 \text{ dB mW/g}$

System Check_Body_835MHz_120905**DUT: D835V2-SN:499**

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

Medium: MSL_835_120905 Medium parameters used: $f = 835$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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) = 2.58 mW/g

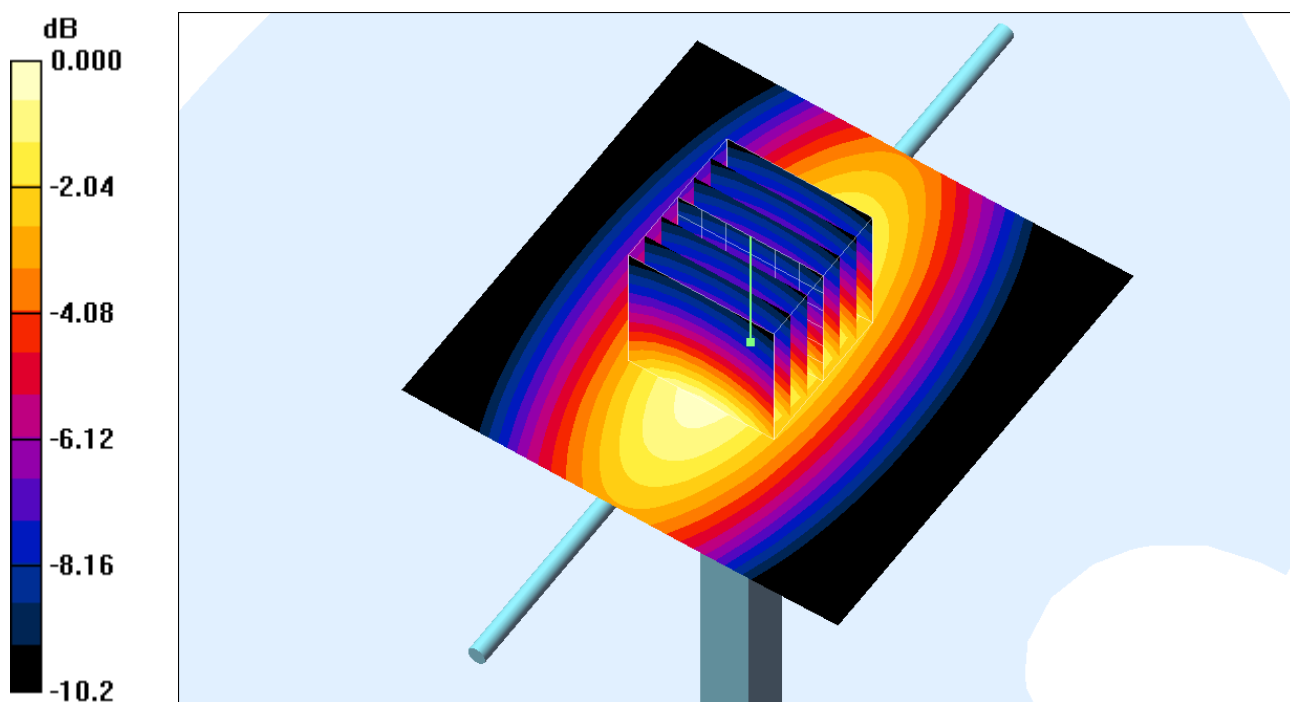
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.6 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.57 mW/g

Maximum value of SAR (measured) = 2.58 mW/g



System Check_Head_1900MHz_120819

DUT: D1900V2-SN:5d041

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

Medium: HSL_1900_120819 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.427$ mho/m; $\epsilon_r = 39.815$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 12.5 W/kg

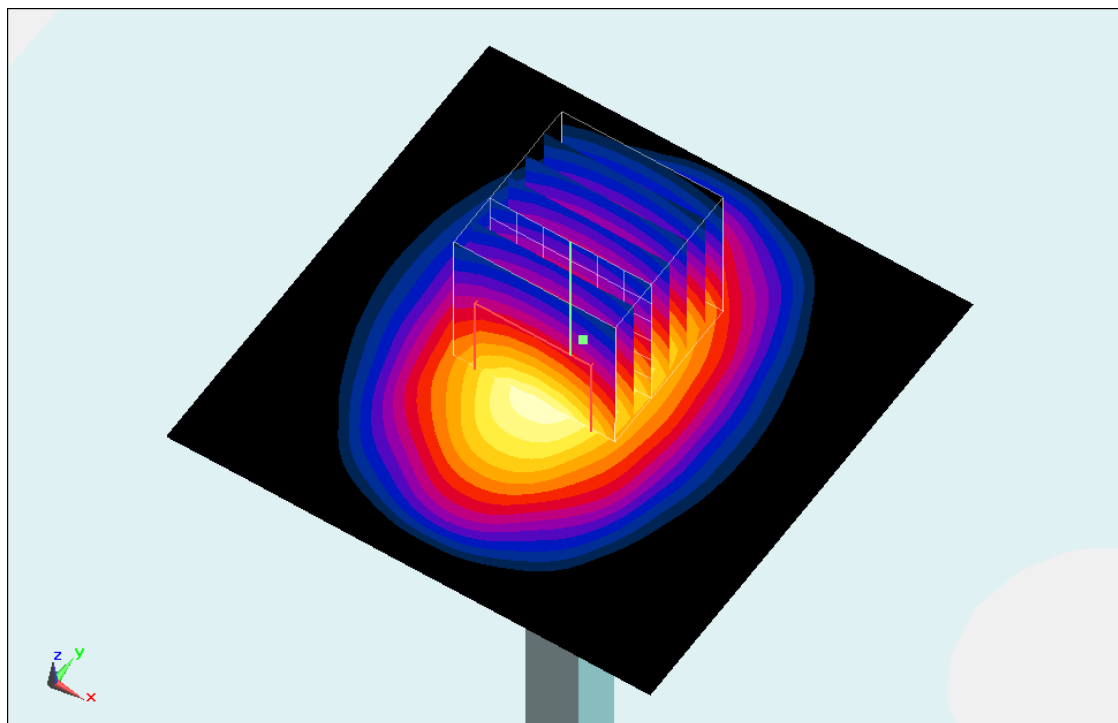
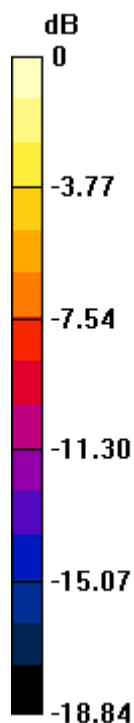
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.577 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 19.826 mW/g

SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.33 mW/g

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



0 dB = 11.9 W/kg = 21.51 dB W/kg

System Check_Head_1900MHz_120824

DUT: D1900V2-SN:5d041

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

Medium: HSL_1900_120824 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.435$ mho/m; $\epsilon_r = 38.114$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 11.1 mW/g

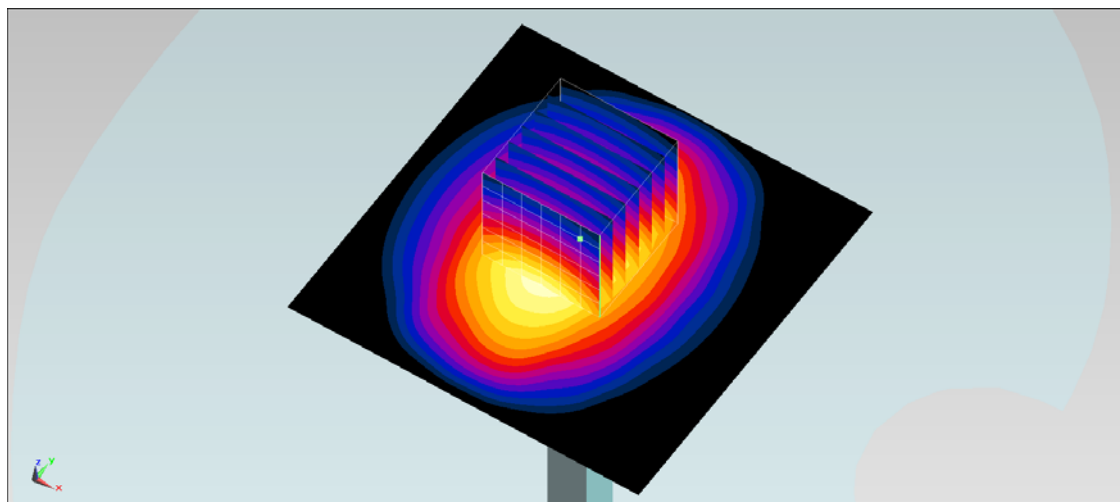
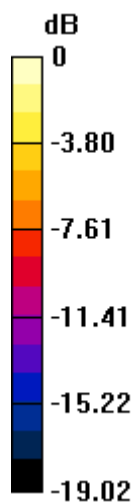
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.573 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 17.137 mW/g

SAR(1 g) = 9.69 mW/g; SAR(10 g) = 5.02 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.9 mW/g = 20.75 dB mW/g

System Check_Body_1900MHz_120819

DUT: D1900V2-SN:5d041

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

Medium: MSL_1900_120819 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.559$ mho/m; $\epsilon_r = 51.962$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

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

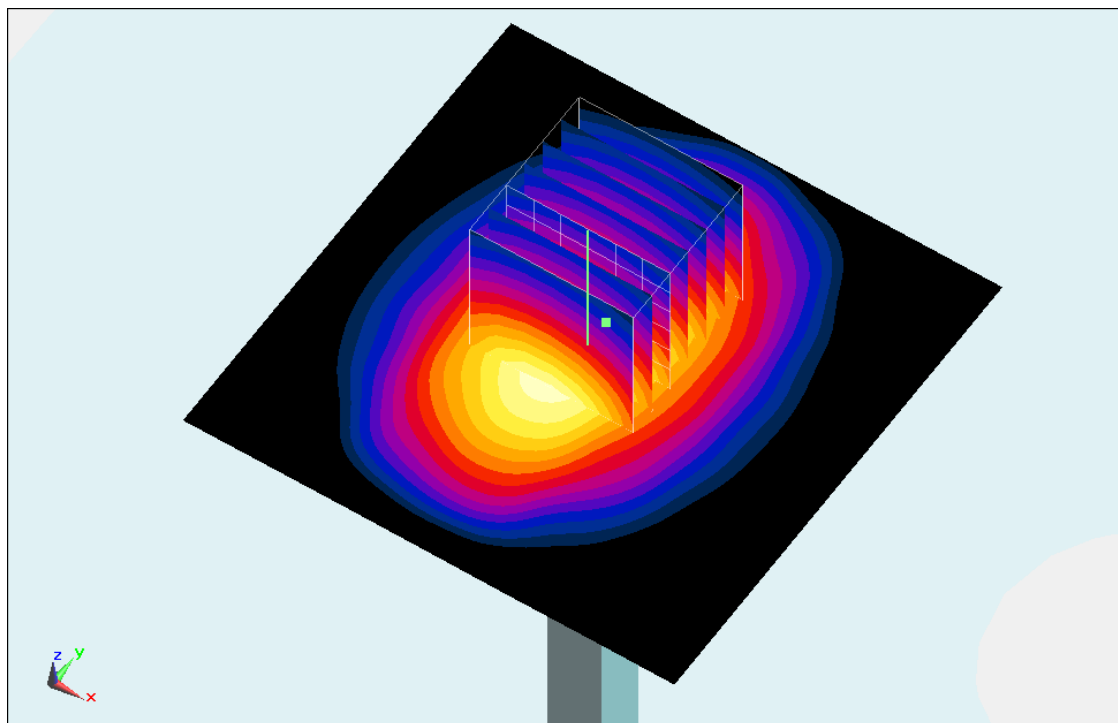
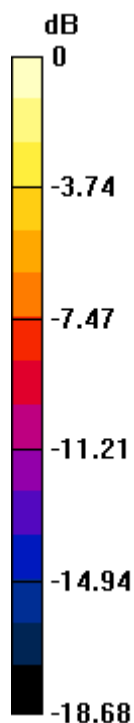
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.663 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 15.482 mW/g

SAR(1 g) = 9.56 mW/g; SAR(10 g) = 5.02 mW/g

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



0 dB = 10.9 W/kg = 20.75 dB W/kg

System Check_Body_1900MHz_120820

DUT: D1900V2-SN:5d041

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

Medium: MSL_1900_120820 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- 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) = 10.9 mW/g

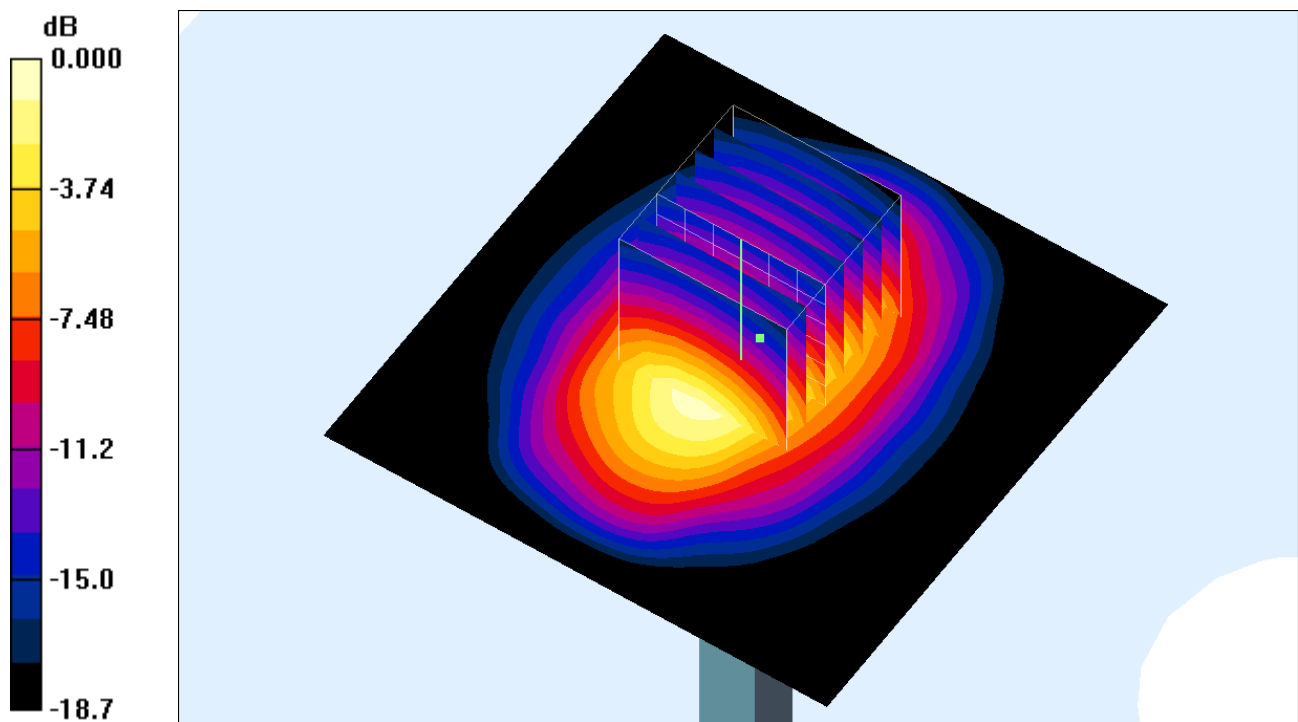
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.7 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 9.24 mW/g; SAR(10 g) = 4.84 mW/g

Maximum value of SAR (measured) = 10.5 mW/g



0 dB = 10.5mW/g

System Check_Body_1900MHz_120825

DUT: D1900V2-SN:5d041

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

Medium: MSL_1900_120825 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.501$ mho/m; $\epsilon_r = 54.839$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 10.7 mW/g

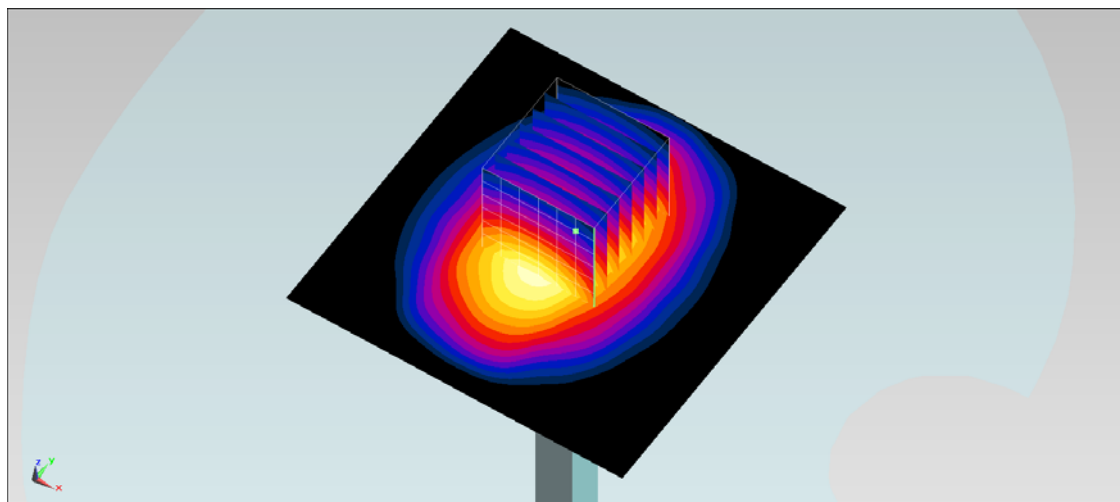
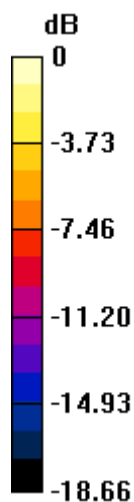
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.695 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 14.849 mW/g

SAR(1 g) = 9.35 mW/g; SAR(10 g) = 5.2 mW/g

Maximum value of SAR (measured) = 10.3 mW/g



0 dB = 10.3 mW/g = 20.26 dB mW/g

System Check_Body_1900MHz_120905

DUT: D1900V2-SN:5d041

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

Medium: MSL_1900_120905 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.0 mW/g

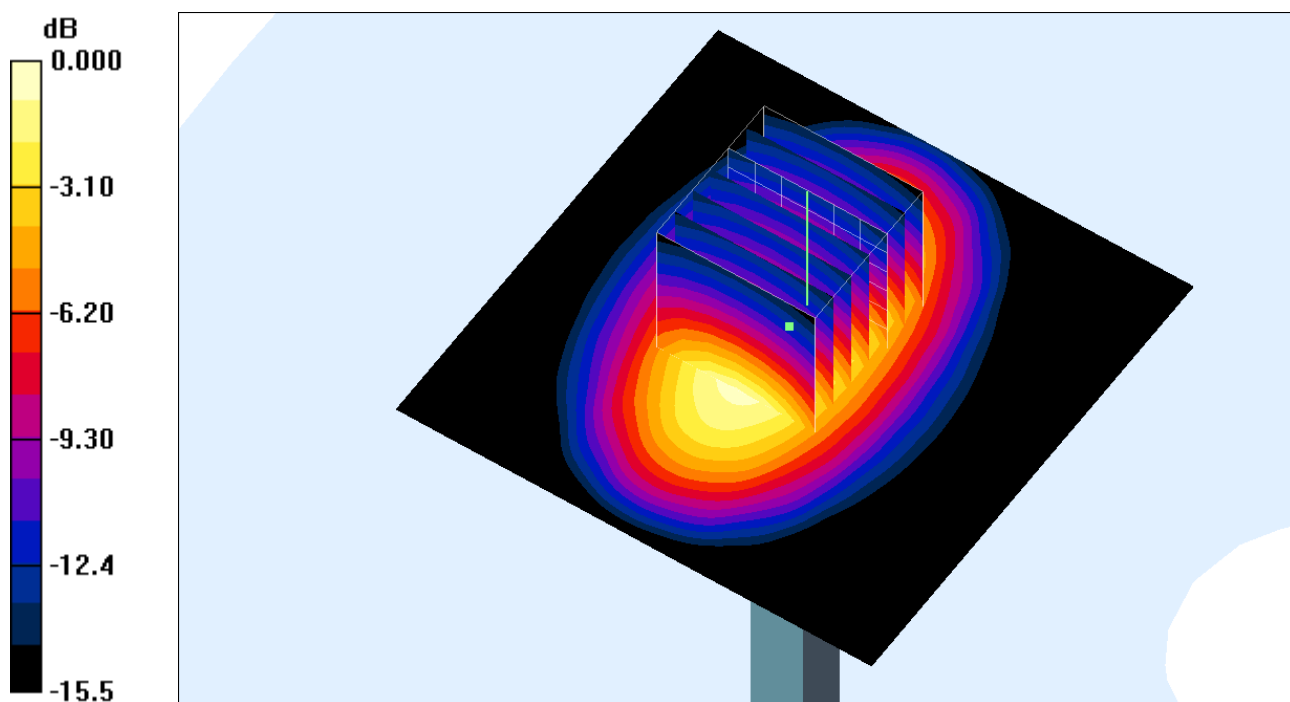
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.6 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.5 mW/g

Maximum value of SAR (measured) = 10.9 mW/g



0 dB = 10.9mW/g

System Check_Head_2450MHz_120903

DUT: D2450V2-SN:736

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

Medium: HSL_2450_120903 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

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

Maximum value of SAR (interpolated) = 15.9 mW/g

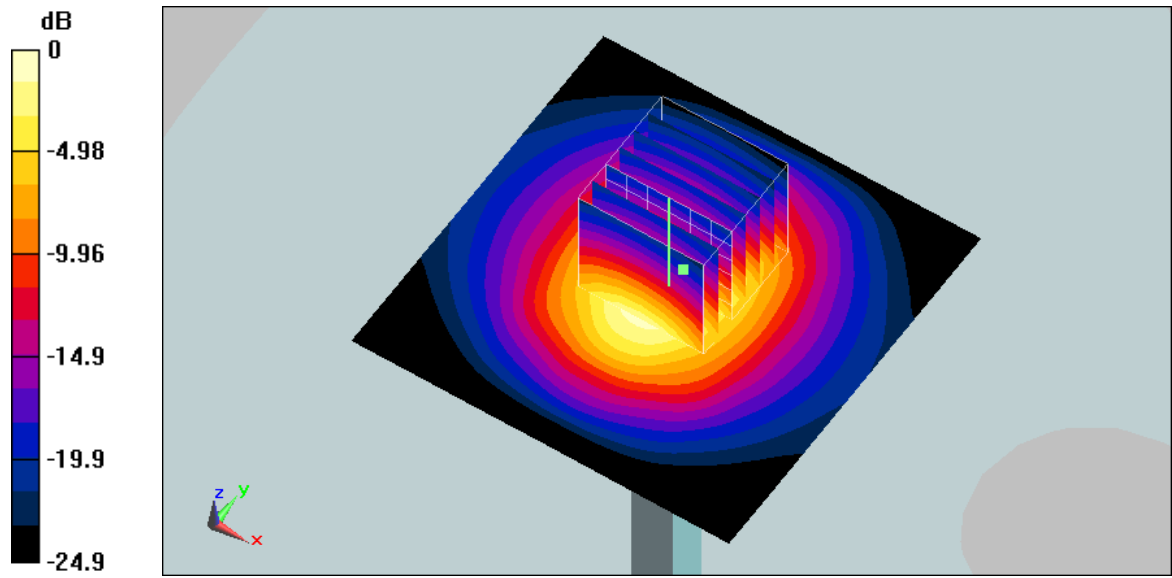
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.1 V/m; Power Drift = 0.00583 dB

Peak SAR (extrapolated) = 29.7 W/kg

SAR(1 g) = 13.1 mW/g; SAR(10 g) = 5.86 mW/g

Maximum value of SAR (measured) = 14.6 mW/g



0 dB = 14.6mW/g

System Check_Head_2450MHz_120905

DUT: D2450V2-SN:736

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

Medium: HSL_2450_120905 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 16.0 mW/g

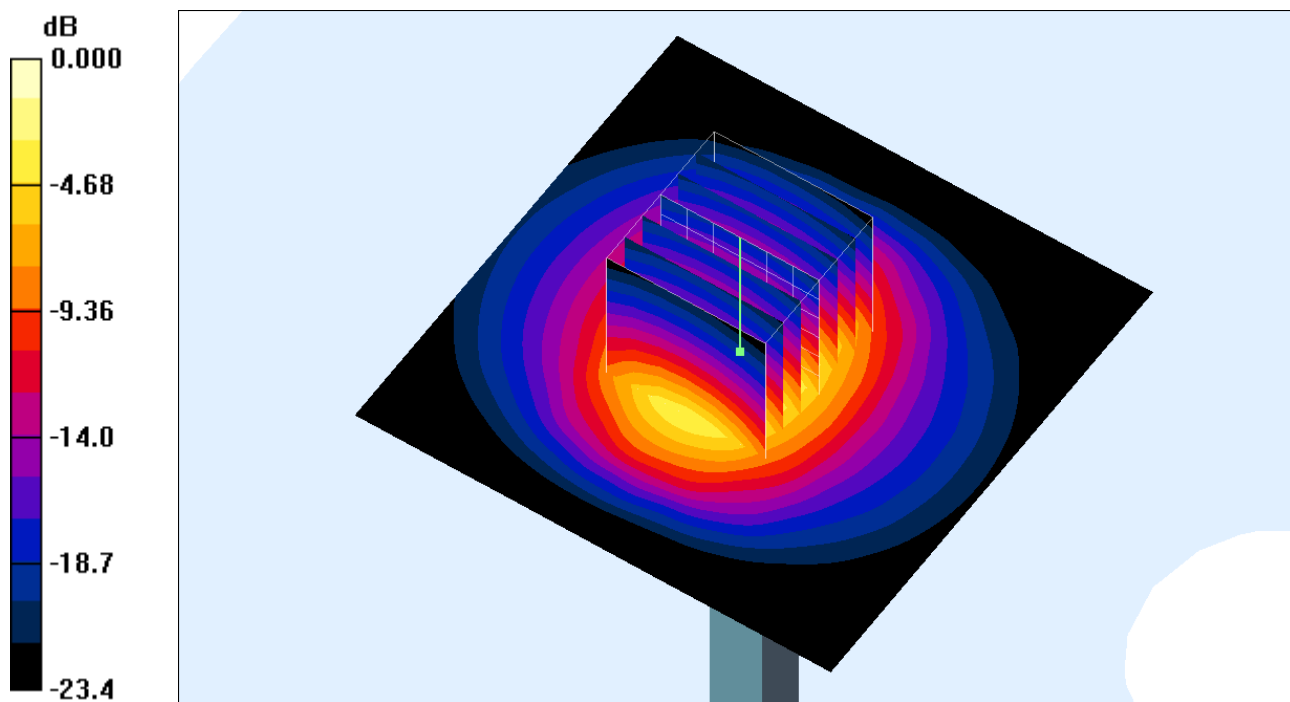
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.7 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 31.0 W/kg

SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.11 mW/g

Maximum value of SAR (measured) = 15.6 mW/g



0 dB = 15.6mW/g

System Check_Body_2450MHz_120903

DUT: D2450V2-SN:736

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

Medium: MSL_2450_120903 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 13.5 mW/g

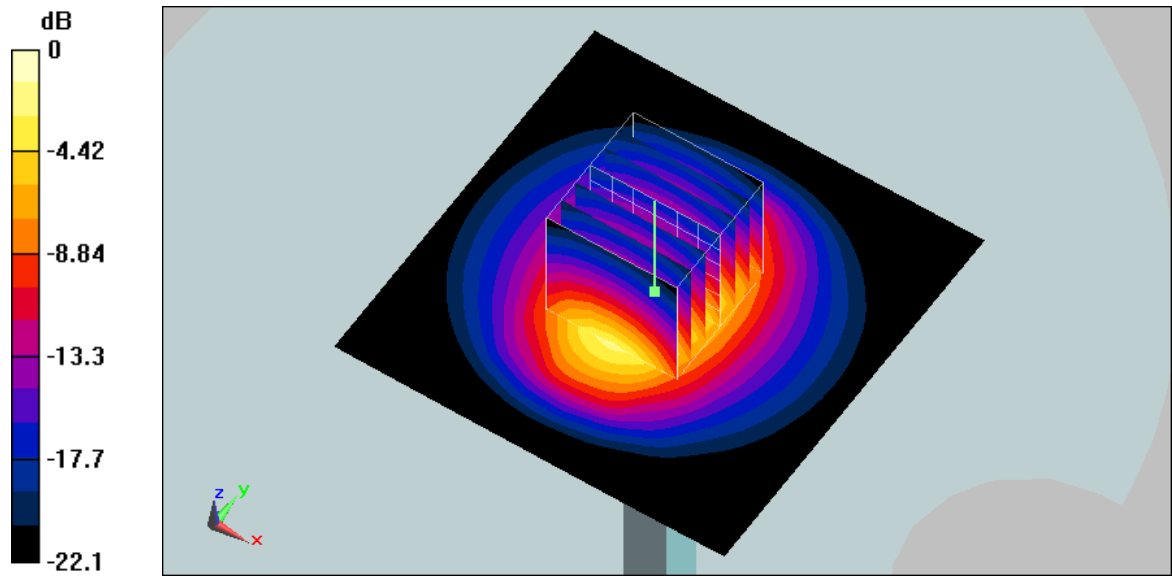
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 80.5 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 24.7 W/kg

SAR(1 g) = 12.4 mW/g; SAR(10 g) = 5.69 mW/g

Maximum value of SAR (measured) = 13.2 mW/g



0 dB = 13.2mW/g

System Check_Body_2450MHz_120905

DUT: D2450V2-SN:736

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

Medium: MSL_2450_120905 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 14.3 mW/g

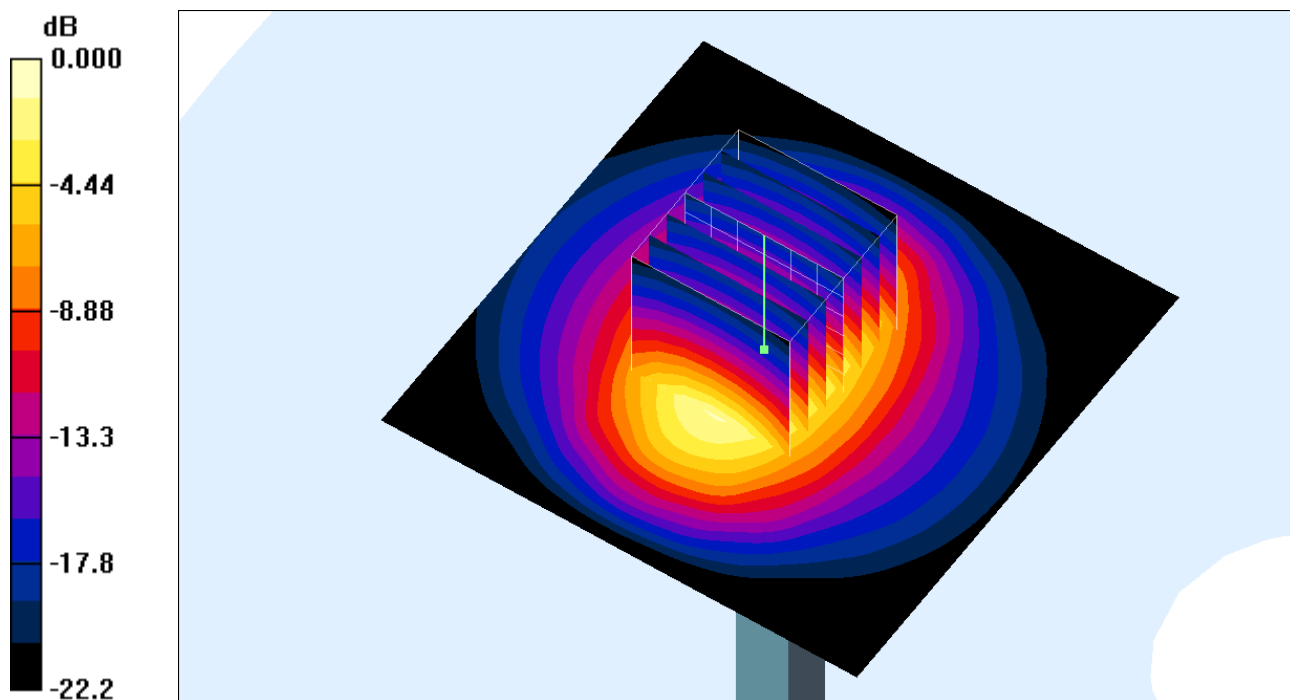
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 83.2 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 27.5 W/kg

SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.98 mW/g

Maximum value of SAR (measured) = 14.0 mW/g



0 dB = 14.0mW/g

System Check_Head_5200MHz_120827**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120827 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.8$ mho/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 36.9 mW/g

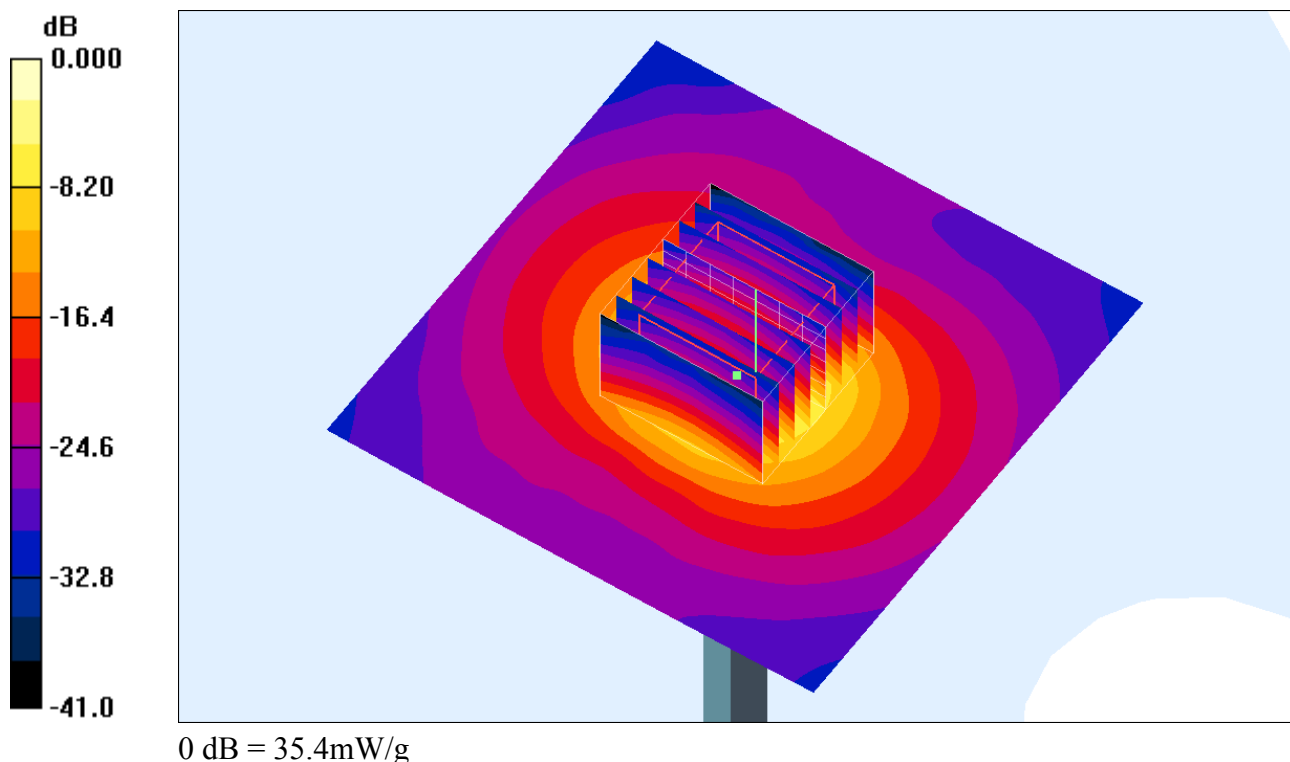
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 94.4 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 79.5 W/kg

SAR(1 g) = 21.2 mW/g; SAR(10 g) = 6.03 mW/g

Maximum value of SAR (measured) = 35.4 mW/g



System Check_Body_5200MHz_120826

DUT: D5GHzV2-SN:1006

Communication System: 0; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120826 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.284$ mho/m; $\epsilon_r = 47.499$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 43.7 W/kg

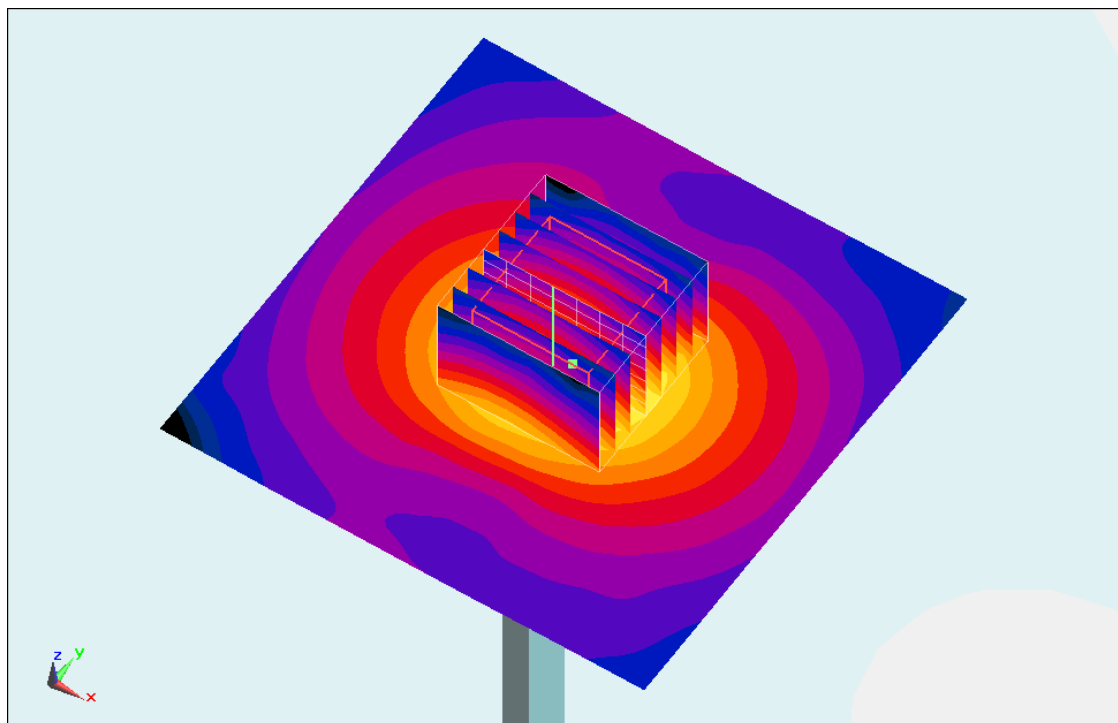
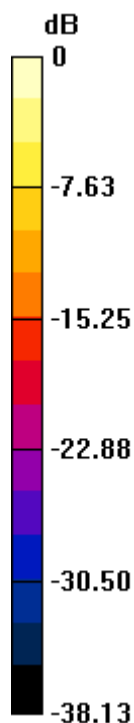
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 99.107 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 61.328 mW/g

SAR(1 g) = 19 mW/g; SAR(10 g) = 5.57 mW/g

Maximum value of SAR (measured) = 32.0 W/kg



0 dB = 32.0 W/kg = 30.10 dB W/kg

System Check_Body_5200MHz_120829**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120829 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.14$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 28.4 mW/g

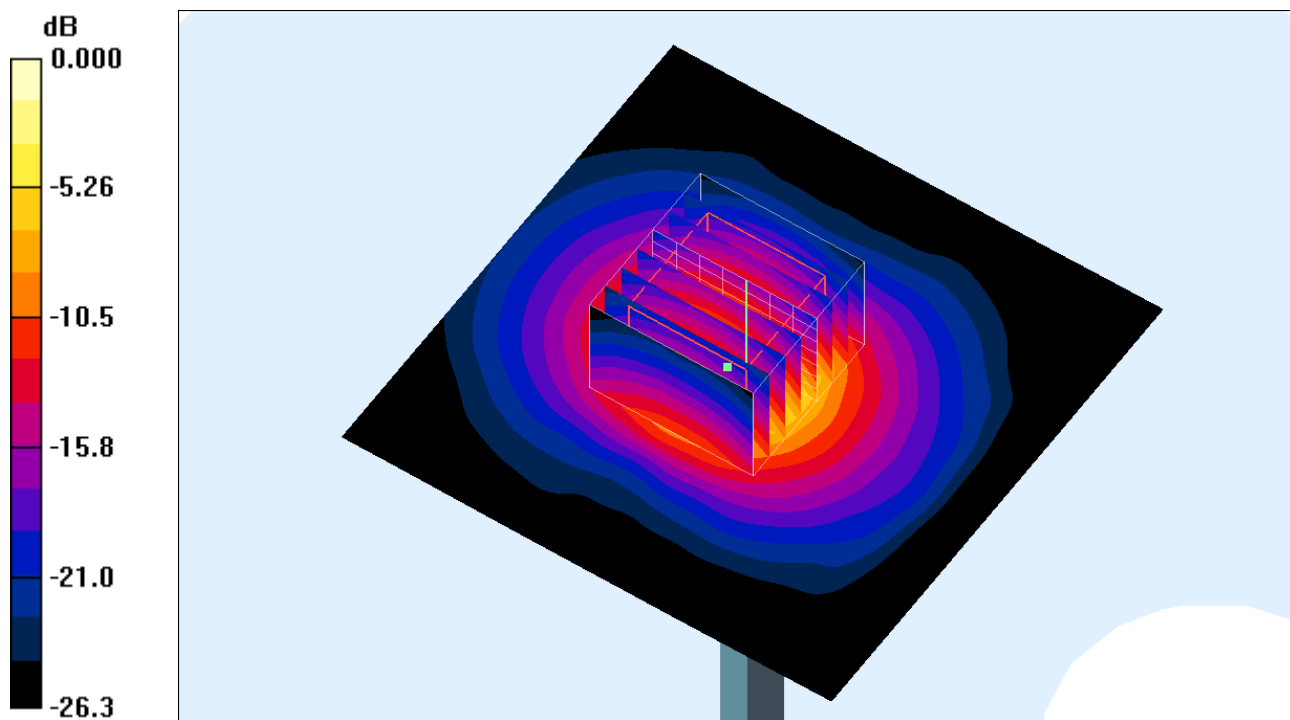
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 0.588 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 40.8 W/kg

SAR(1 g) = 19.1 mW/g; SAR(10 g) = 5.35 mW/g

Maximum value of SAR (measured) = 25.3 mW/g



0 dB = 25.3mW/g

System Check_Body_5200MHz_120905

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120905 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.11$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 32.4 mW/g

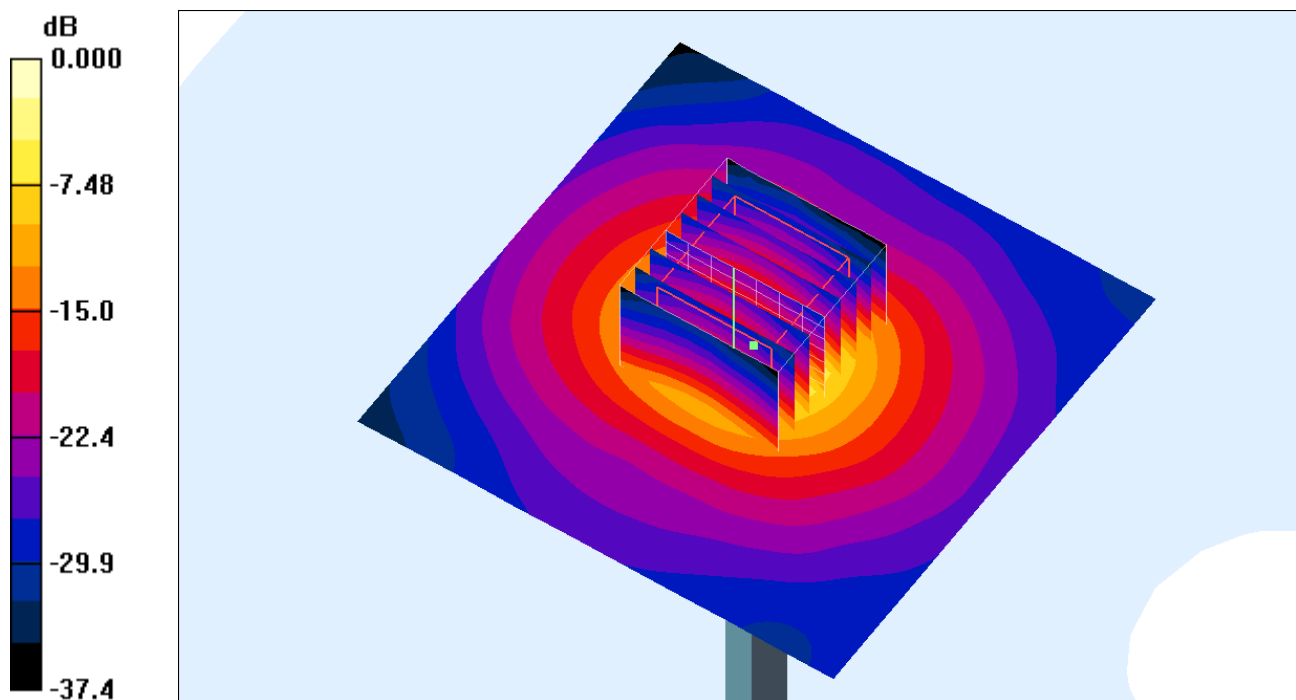
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 82.7 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 60.0 W/kg

SAR(1 g) = 18.1 mW/g; SAR(10 g) = 5.13 mW/g

Maximum value of SAR (measured) = 30.1 mW/g



0 dB = 30.1mW/g

System Check_Head_5500MHz_120827

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120827 Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.12 \text{ mho/m}$; $\epsilon_r = 35$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (91x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 40.6 mW/g

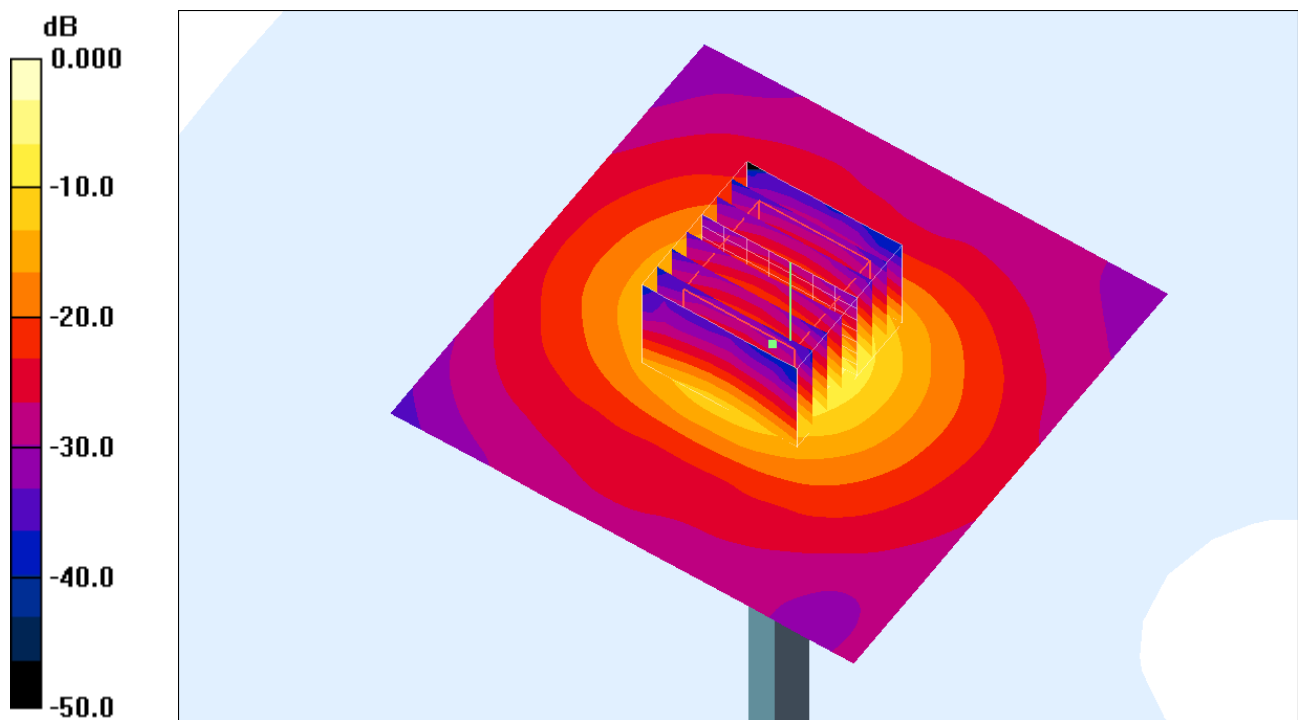
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 90.2 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 91.2 W/kg

SAR(1 g) = 22.2 mW/g; SAR(10 g) = 6.12 mW/g

Maximum value of SAR (measured) = 38.3 mW/g



0 dB = 38.3mW/g

System Check_Body_5500MHz_120826

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120826 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.677$ mho/m; $\epsilon_r = 46.97$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Pin=250mW/Area Scan (91x91x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 37.3 W/kg

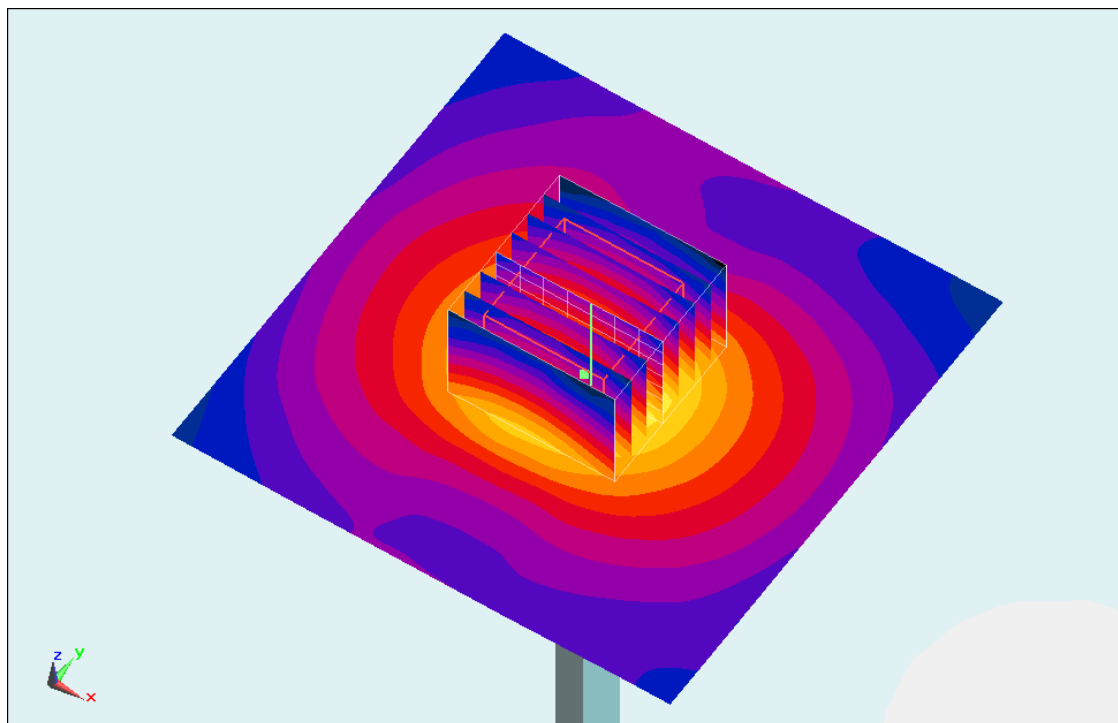
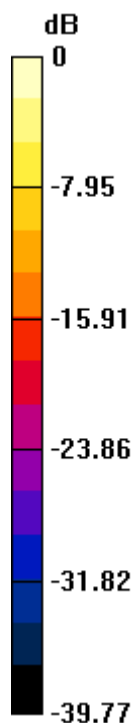
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 87.317 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 63.075 mW/g

SAR(1 g) = 20.5 mW/g; SAR(10 g) = 5.93 mW/g

Maximum value of SAR (measured) = 34.5 W/kg



0 dB = 34.5 W/kg = 30.76 dB W/kg

System Check_Body_5500MHz_120829**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120829 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.52$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 30.8 mW/g

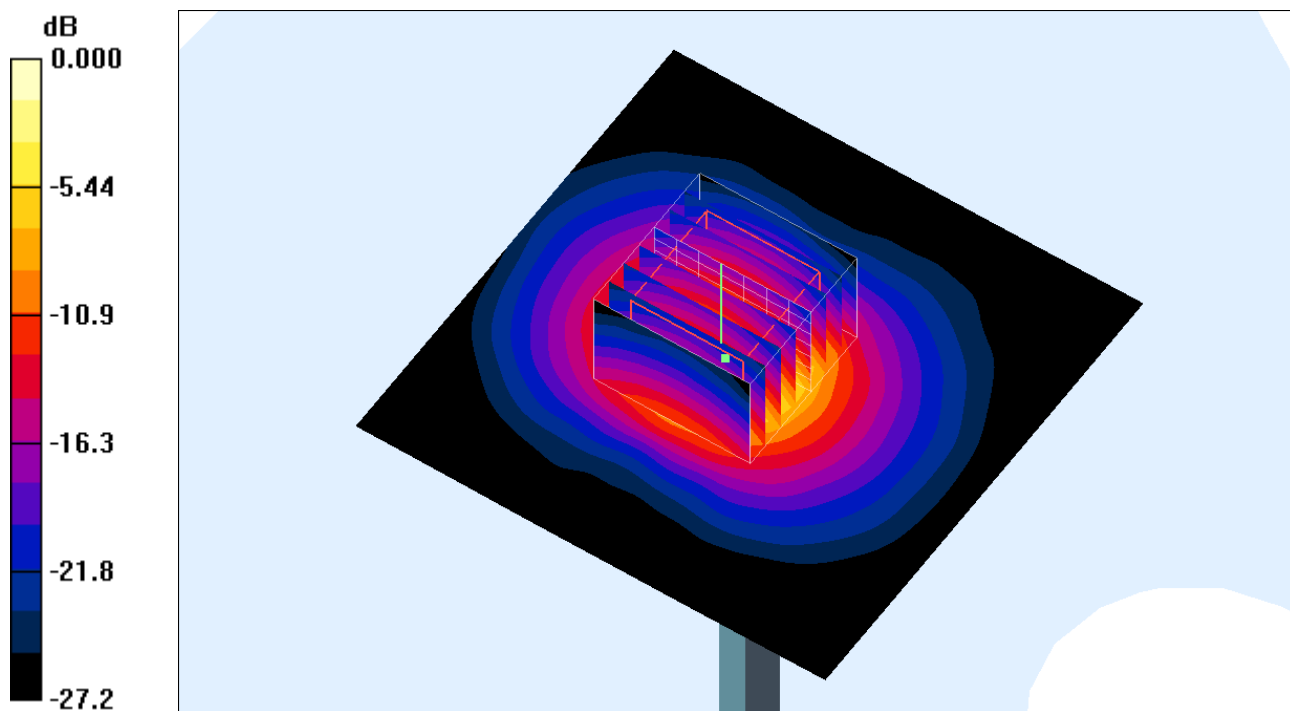
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 74.0 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 45.1 W/kg

SAR(1 g) = 18.6 mW/g; SAR(10 g) = 6.14 mW/g

Maximum value of SAR (measured) = 28.6 mW/g



0 dB = 28.6mW/g

System Check_Body_5500MHz_120905

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120905 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 40.0 mW/g

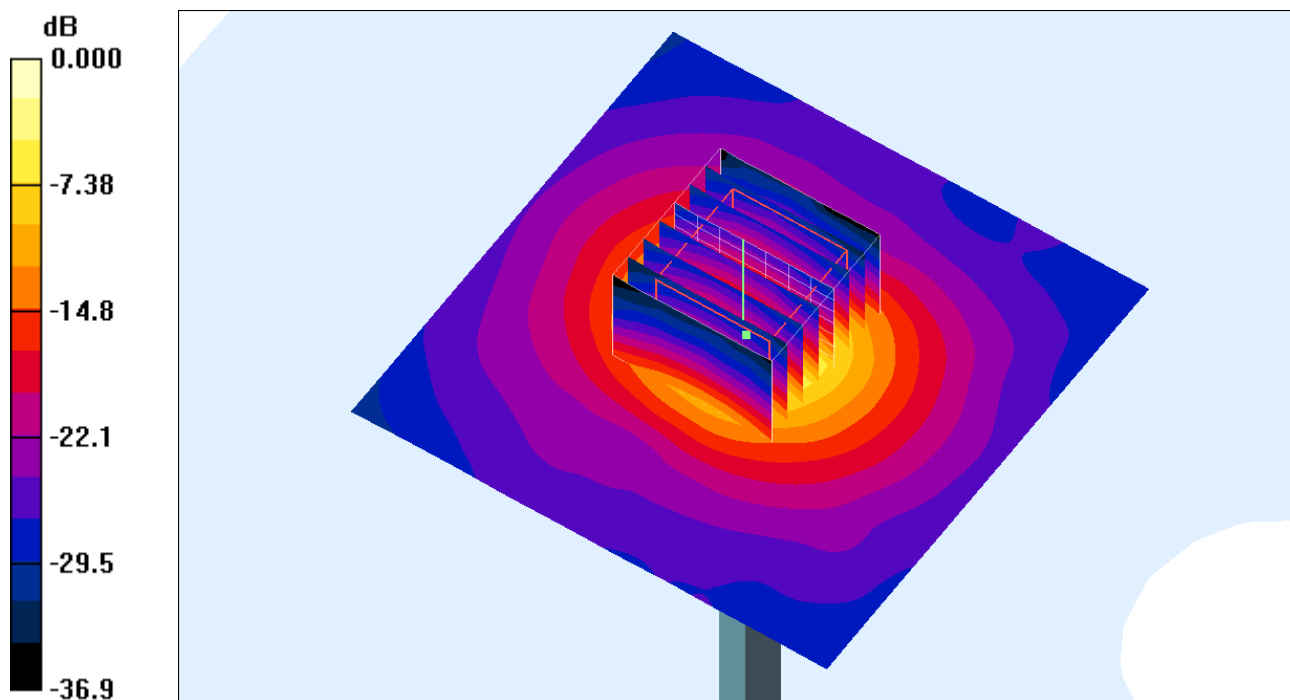
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 86.5 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 68.2 W/kg

SAR(1 g) = 19.9 mW/g; SAR(10 g) = 5.71 mW/g

Maximum value of SAR (measured) = 34.2 mW/g



0 dB = 34.2mW/g

System Check_Head_5800MHz_120827**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120827 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 40.1 mW/g

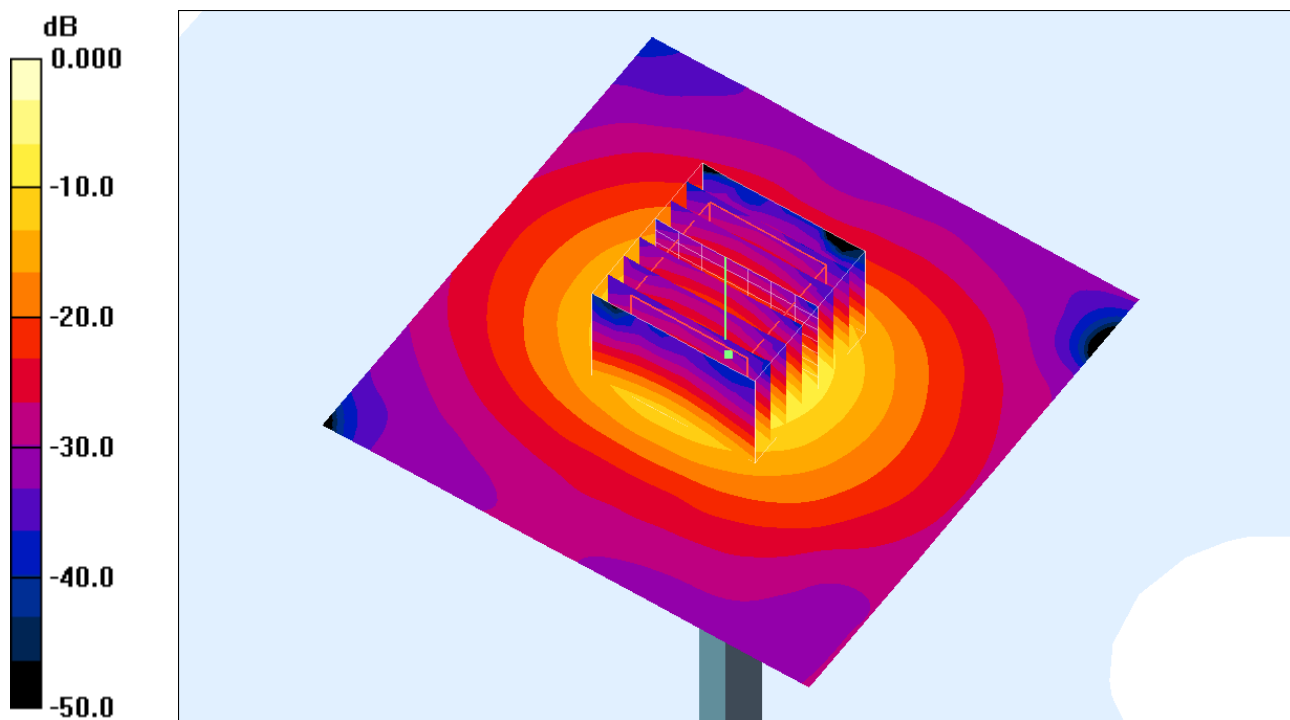
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 91.7 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 93.7 W/kg

SAR(1 g) = 21.1 mW/g; SAR(10 g) = 6.01 mW/g

Maximum value of SAR (measured) = 38.9 mW/g



0 dB = 38.9mW/g

System Check_Body_5800MHz_120829

DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120829 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.99$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 41.7 mW/g

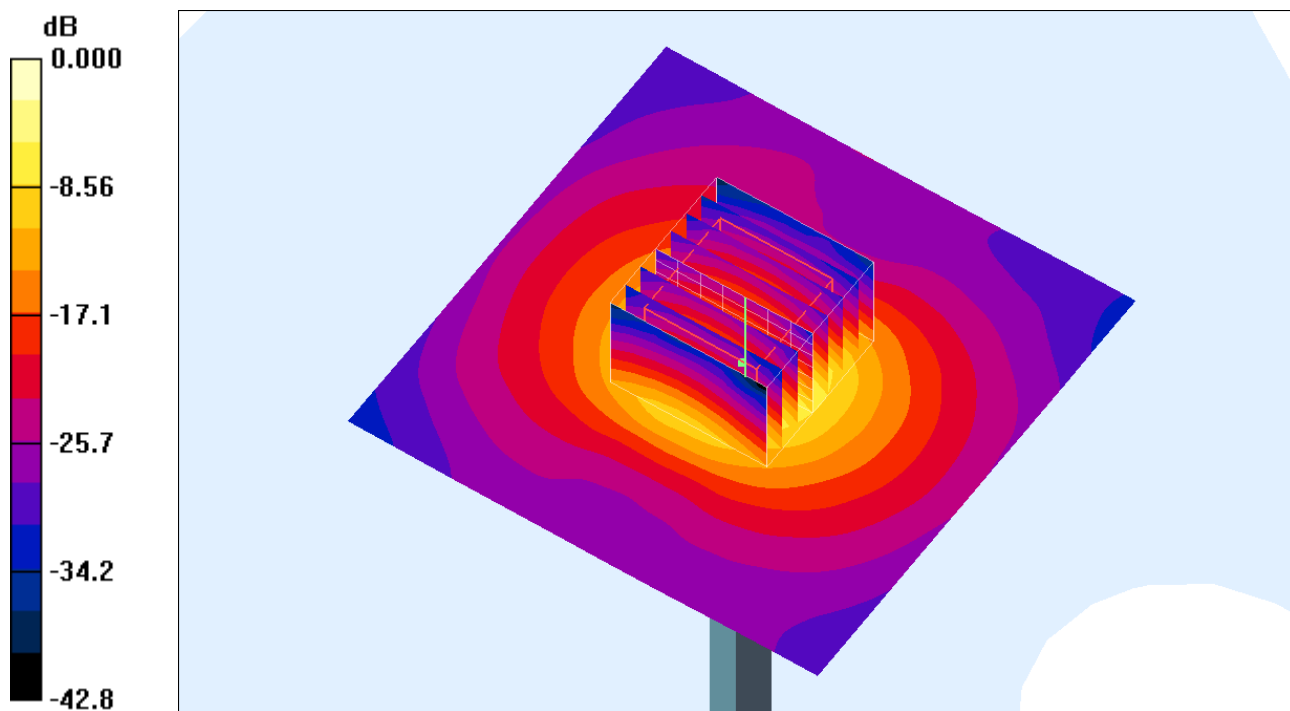
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 90.4 V/m; Power Drift = 0.030 dB

Peak SAR (extrapolated) = 66.7 W/kg

SAR(1 g) = 19.7 mW/g; SAR(10 g) = 6.59 mW/g

Maximum value of SAR (measured) = 38.7 mW/g



0 dB = 38.7mW/g

System Check_Body_5800MHz_120905**DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120905 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.96$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- 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 (91x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 33.8 mW/g

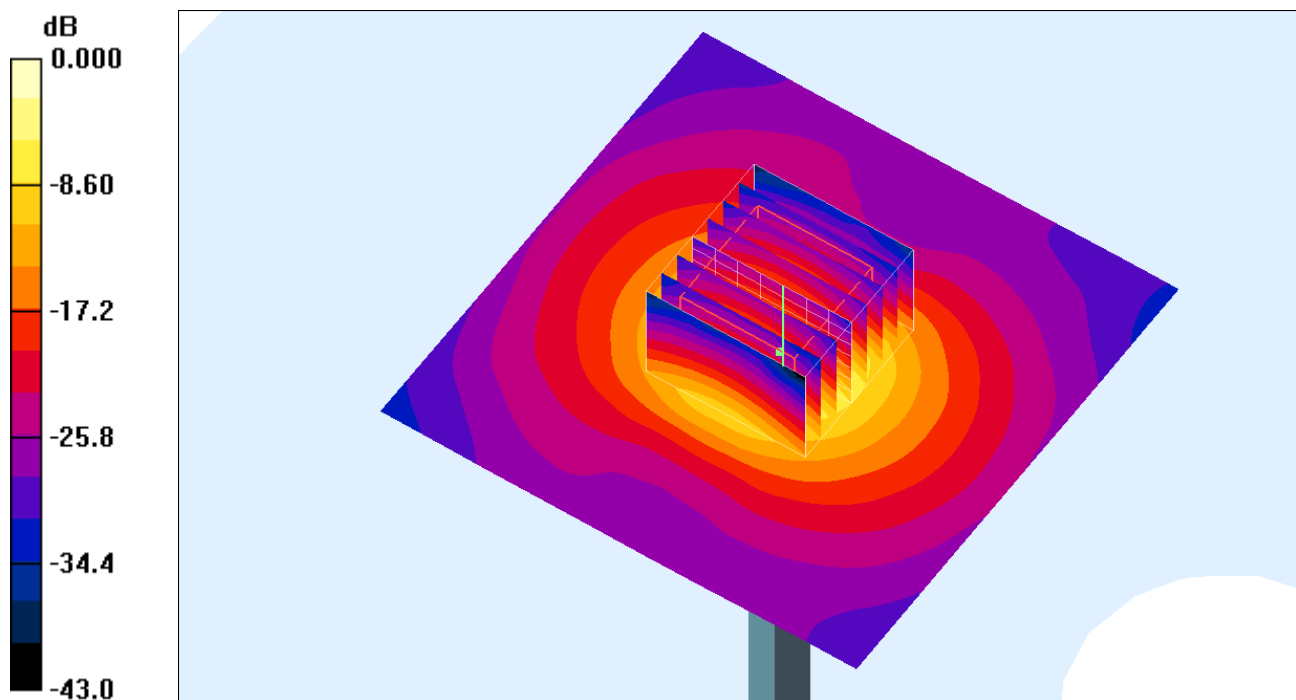
Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 81.5 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 53.9 W/kg

SAR(1 g) = 18.4 mW/g; SAR(10 g) = 5.32 mW/g

Maximum value of SAR (measured) = 31.3 mW/g



0 dB = 31.3mW/g