



Appendix A. Plots of System Performance Check

The plots are shown as follows.

System Check_Body_750MHz_130116**DUT: D750V3-SN:1012**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: MSL_750_130116 Medium parameters used: $f = 750$ MHz; $\sigma = 0.965$ mho/m; $\epsilon_r = 54.725$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.42 mW/g

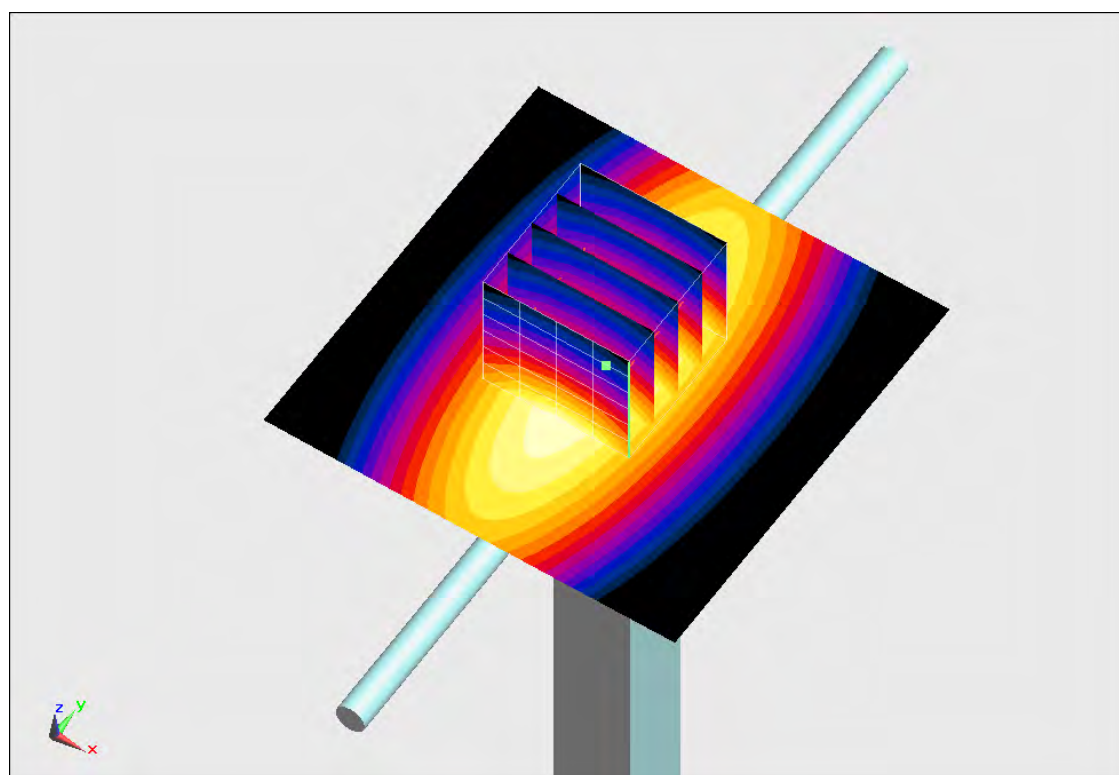
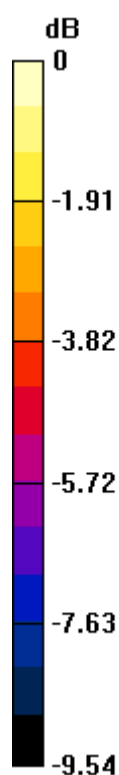
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 51.852 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.147 mW/g

SAR(1 g) = 2.24 mW/g ; SAR(10 g) = 1.51 mW/g

Maximum value of SAR (measured) = 2.41 mW/g



0 dB = 2.41 mW/g = 7.64 dB mW/g

System Check_Body_750MHz_130118**DUT: D750V3-SN:1012**

Communication System: CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: MSL_750_130118 Medium parameters used: $f = 750$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 55.754$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.52, 8.52, 8.52); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 3.17 mW/g

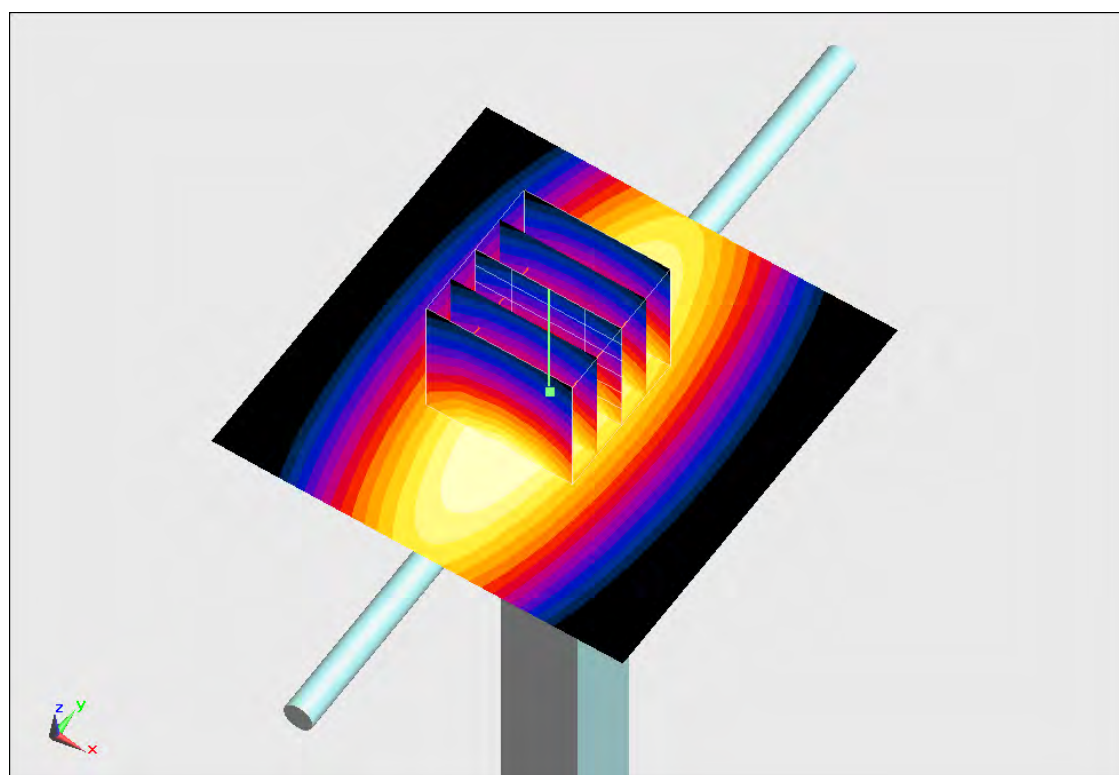
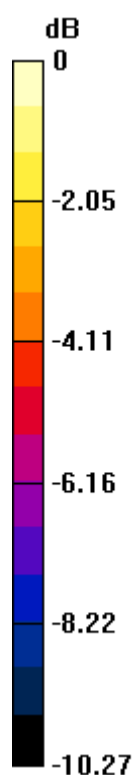
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.735 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 3.287 mW/g

SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.48 mW/g

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



0 dB = 2.80 mW/g = 8.94 dB mW/g

System Check_Body_835MHz_130112**DUT: D835V2-SN:499**

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

Medium: MSL_850_130112 Medium parameters used: $f = 835$ MHz; $\sigma = 0.968$ mho/m; $\epsilon_r = 54.858$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.82 mW/g

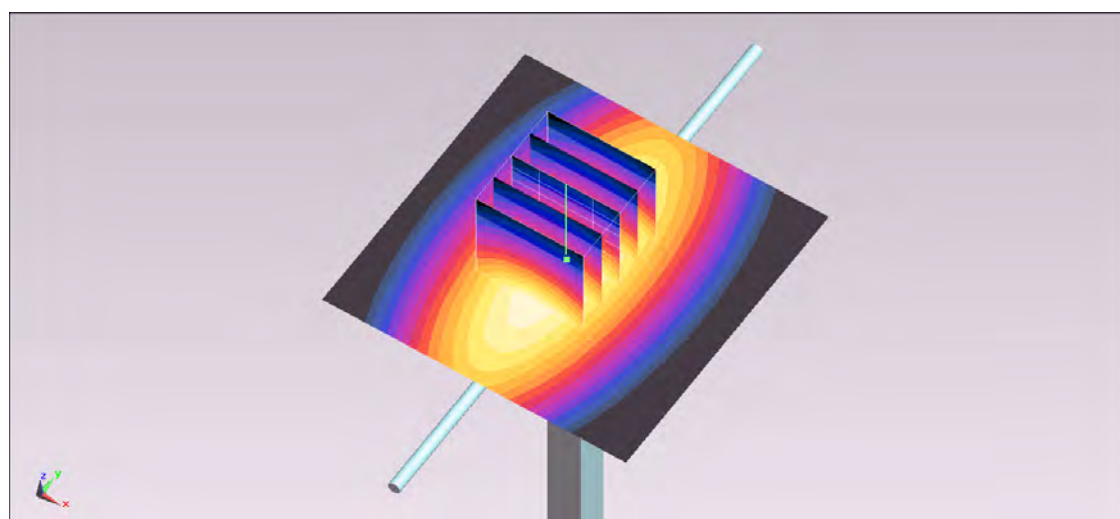
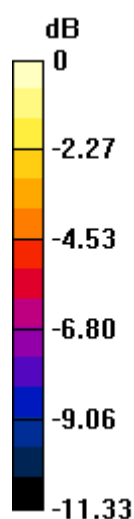
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.779 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.566 mW/g

SAR(1 g) = 2.4 mW/g ; SAR(10 g) = 1.54 mW/g

Maximum value of SAR (measured) = 2.81 mW/g



$0 \text{ dB} = 2.81 \text{ mW/g} = 8.97 \text{ dB mW/g}$

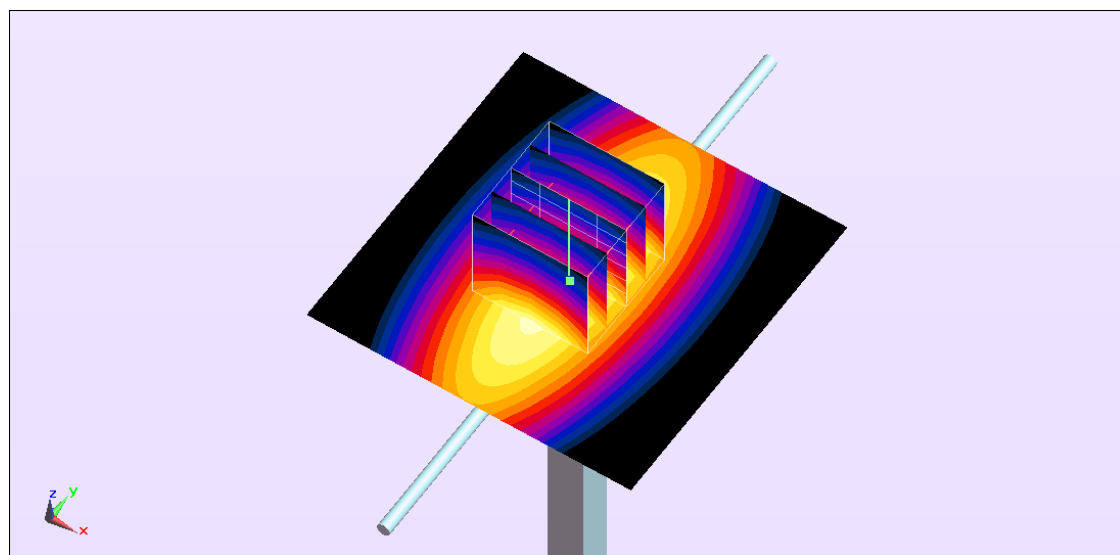
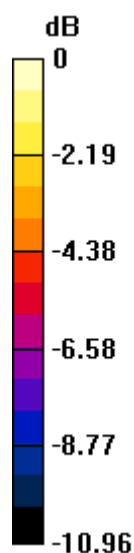
System Check_Body_835MHz_130115**DUT: D835V2-SN:499**

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

Medium: MSL_850_130115 Medium parameters used: $f = 835$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 53.02$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.84 mW/g **Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 55.201 V/m ; Power Drift = 0.024 dB Peak SAR (extrapolated) = 3.563 mW/g **SAR(1 g) = 2.35 mW/g ; SAR(10 g) = 1.52 mW/g** Maximum value of SAR (measured) = 3.00 mW/g  $0 \text{ dB} = 3.00 \text{ mW/g} = 9.54 \text{ dB mW/g}$

System Check_Body_835MHz_130220**DUT: D835V2-SN:499**

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

Medium: MSL_850_130220 Medium parameters used: $f = 835$ MHz; $\sigma = 0.953$ mho/m; $\epsilon_r = 52.613$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.7°C ; Liquid Temperature : 21.7°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.76 mW/g

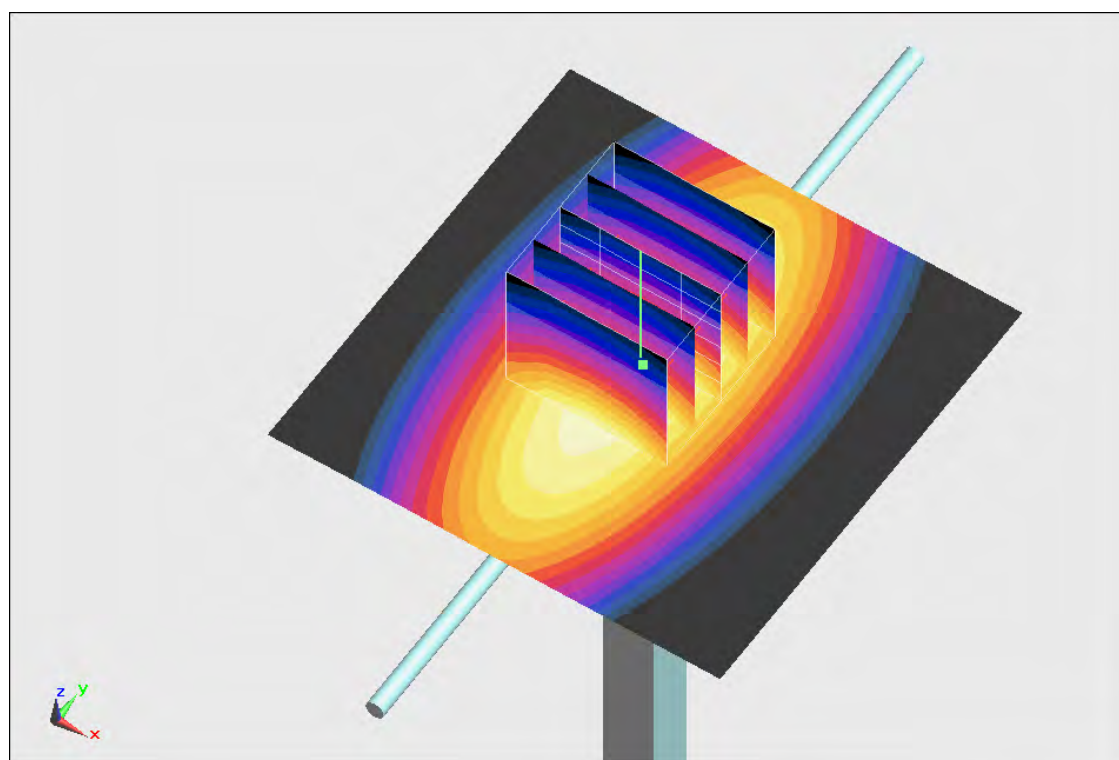
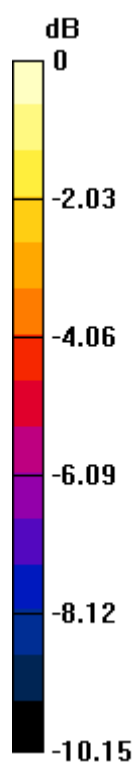
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.460 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.632 mW/g

SAR(1 g) = 2.55 mW/g ; SAR(10 g) = 1.69 mW/g

Maximum value of SAR (measured) = 2.75 mW/g



0 dB = 2.75 mW/g = 8.79 dB mW/g

System Check_Body_835MHz_130221**DUT: D835V2-SN:499**

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

Medium: MSL_850_130221 Medium parameters used: $f = 835$ MHz; $\sigma = 0.963$ mho/m; $\epsilon_r = 54.5$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.86 mW/g

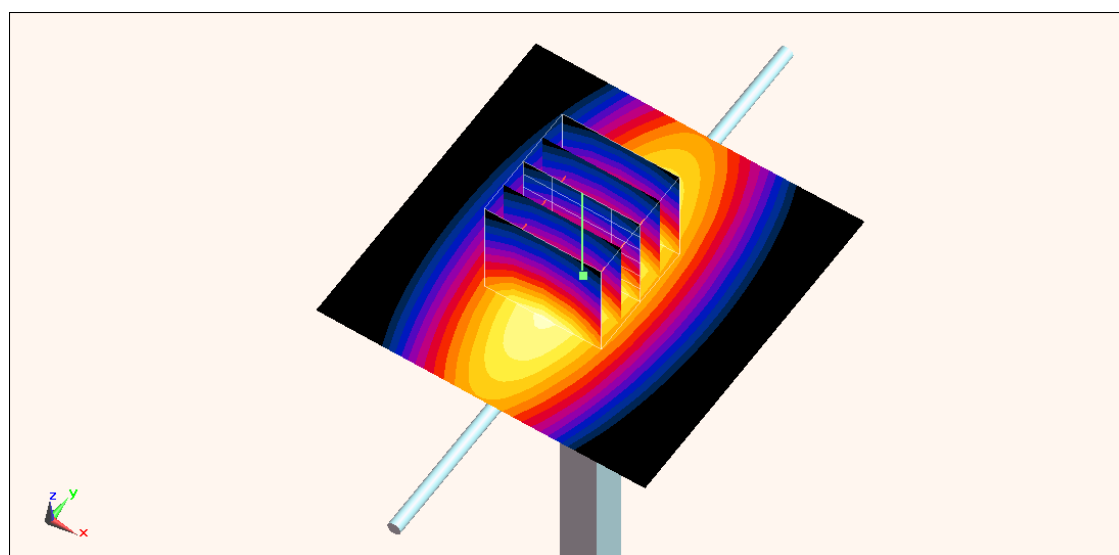
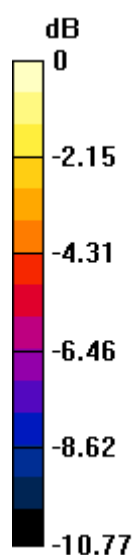
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$,
 $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.201 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.583 mW/g

SAR(1 g) = 2.36 mW/g ; SAR(10 g) = 1.53 mW/g

Maximum value of SAR (measured) = 3.02 mW/g



0 dB = 3.02 mW/g = 9.60 dB mW/g

System Check_Body_1750MHz_130117**DUT: D1750V2-SN:1068**

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

Medium: MSL_1750_130117 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 51.518$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 10.5 mW/g

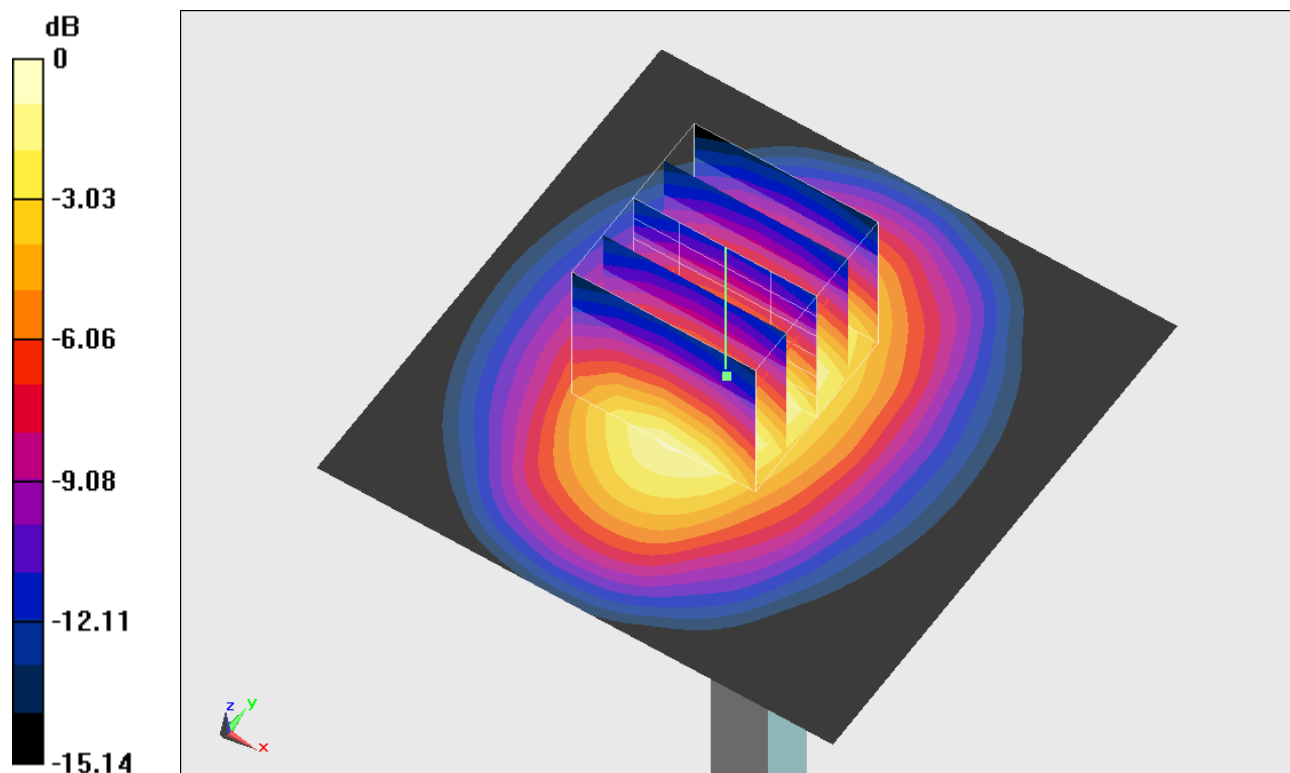
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.994 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.723 mW/g

SAR(1 g) = 9.29 mW/g; SAR(10 g) = 5.58 mW/g

Maximum value of SAR (measured) = 10.1 mW/g



0 dB = 10.1 mW/g = 20.09 dB mW/g

System Check_Body_1750MHz_130121**DUT: D1750V2-SN:1068**

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

Medium: MSL_1750_130121 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.523$ mho/m; $\epsilon_r = 51.561$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.9 mW/g

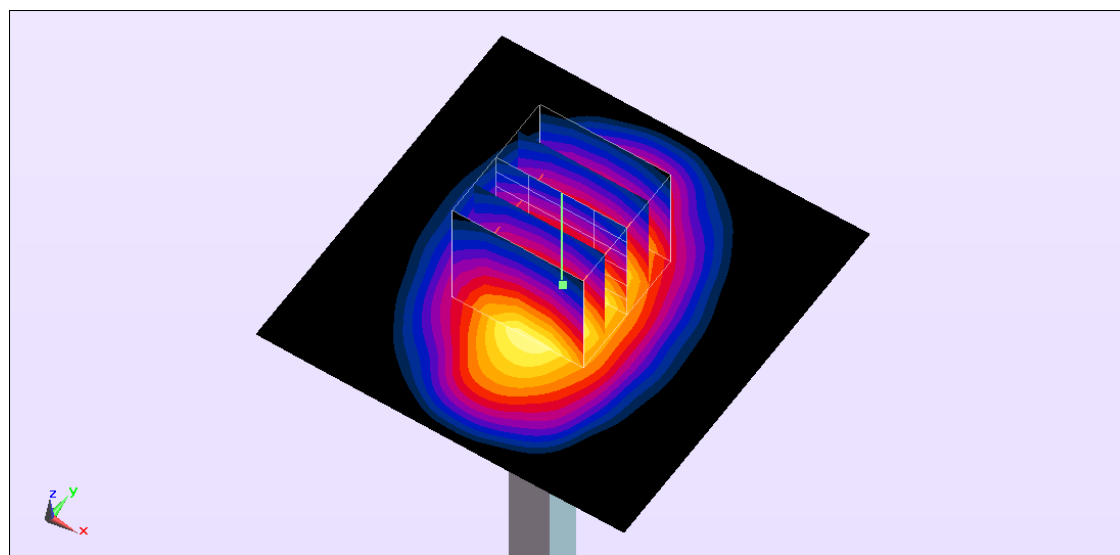
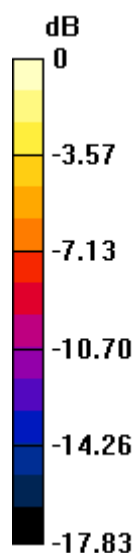
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.768 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.516 mW/g

SAR(1 g) = 9.65 mW/g; SAR(10 g) = 5.05 mW/g

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



0 dB = 13.6 mW/g = 22.67 dB mW/g

System Check_Body_1750MHz_130222**DUT: D1750V2-SN:1068**

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

Medium: MSL_1750_130122 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 52.234$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.71, 7.71, 7.71); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.8 mW/g

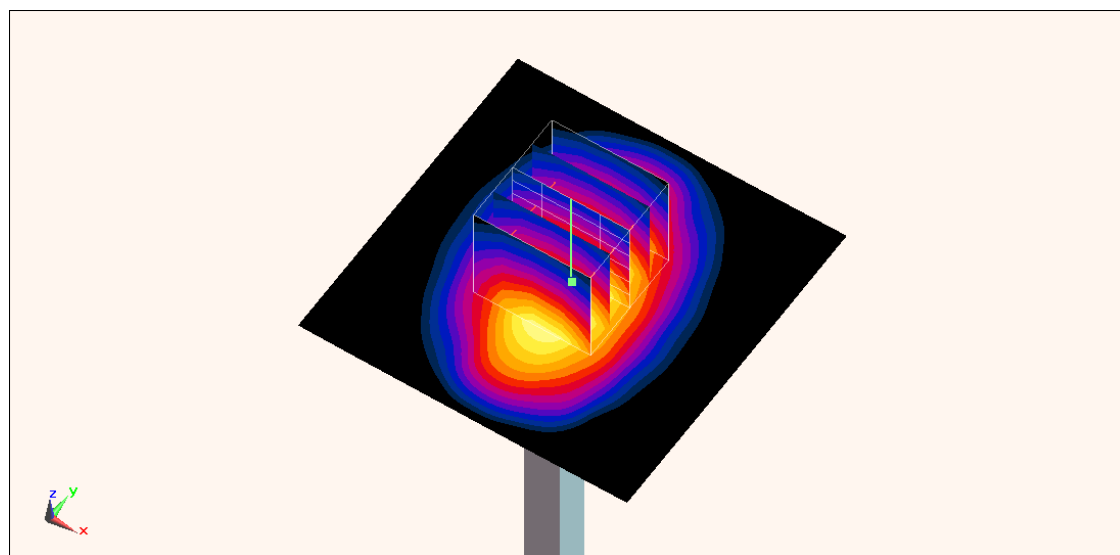
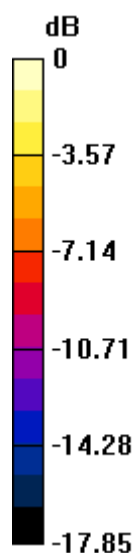
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.768 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.440 mW/g

SAR(1 g) = 9.61 mW/g; SAR(10 g) = 5.03 mW/g

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



0 dB = 13.6 mW/g = 22.67 dB mW/g

System Check_Body_1750MHz_130226**DUT: D1750V2-SN:1068**

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

Medium: MSL_1750_130226 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.541$ mho/m; $\epsilon_r = 51.611$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.1 mW/g

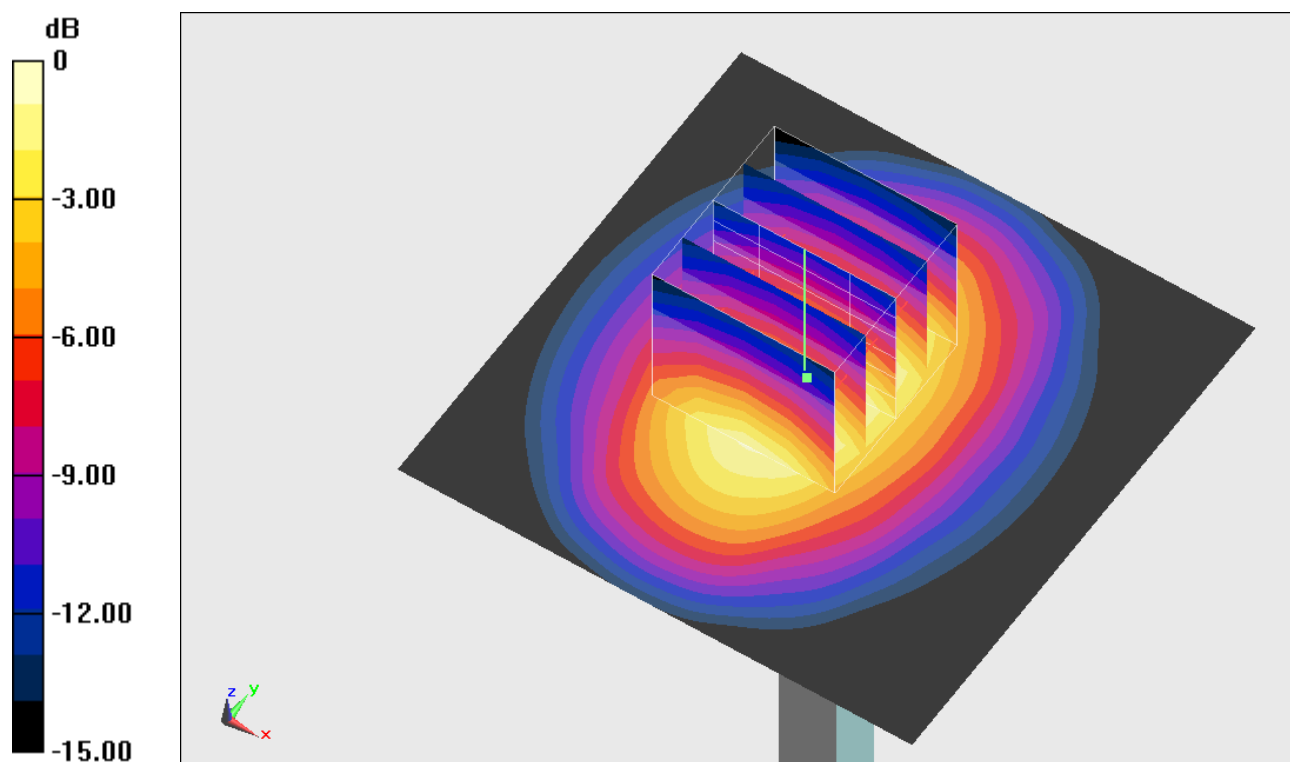
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.446 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 13.401 mW/g

SAR(1 g) = 9.78 mW/g; SAR(10 g) = 5.87 mW/g

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



0 dB = 10.7 mW/g = 20.59 dB mW/g

System Check_Body_1900MHz_130111**DUT: D1900V2-SN:5d041**

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

Medium: MSL_1900_130111 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.499$ mho/m; $\epsilon_r = 53.26$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.8 mW/g

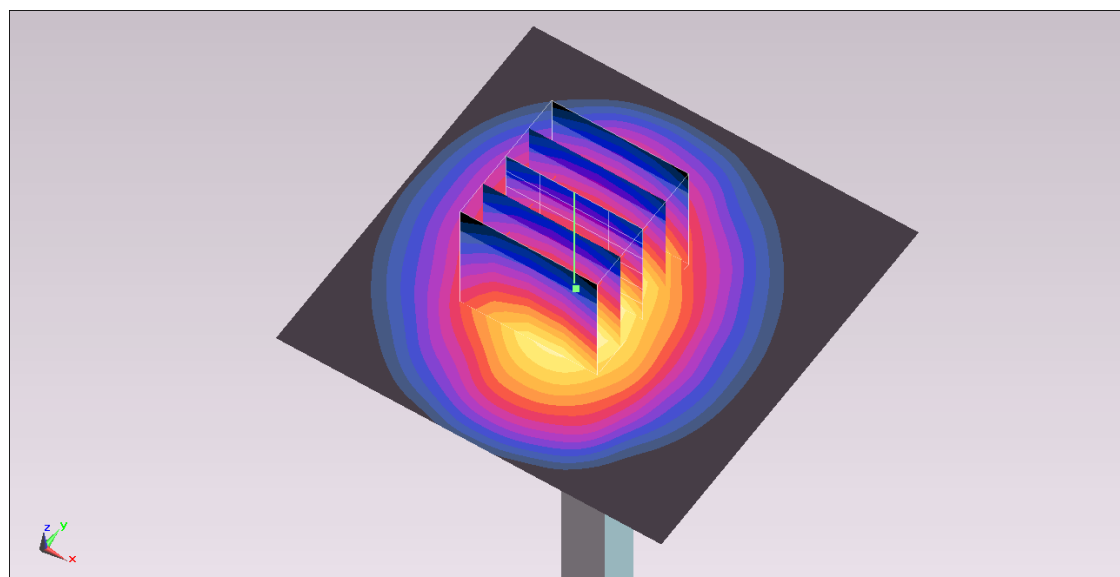
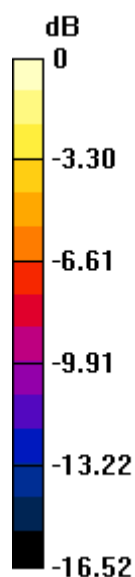
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.221 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.446 mW/g

SAR(1 g) = 9.47 mW/g; SAR(10 g) = 5.28 mW/g

Maximum value of SAR (measured) = 11.6 mW/g



0 dB = 11.6 mW/g = 21.29 dB mW/g

System Check_Body_1900MHz_130114**DUT: D1900V2-SN:5d041**

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

Medium: MSL_1900_130114 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 53.631$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.7 mW/g

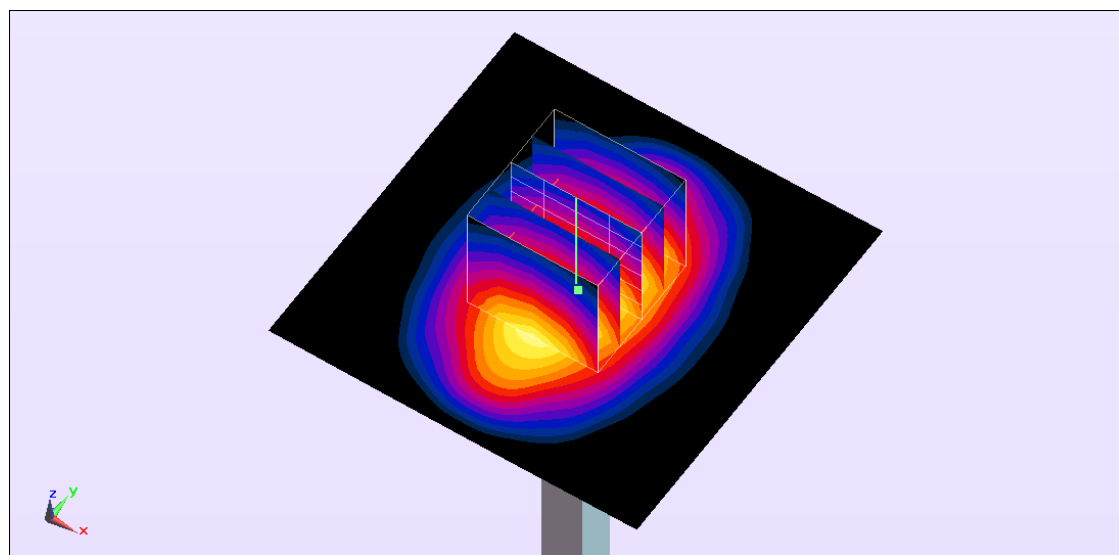
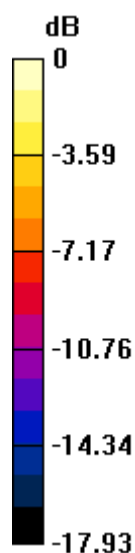
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.1 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.511 mW/g

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.35 mW/g

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



0 dB = 14.8 mW/g = 23.41 dB mW/g

System Check_Body_1900MHz_130124**DUT: D1900V2-SN:5d041**

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

Medium: MSL_1900_130124 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.526$ mho/m; $\epsilon_r = 52.813$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.8 mW/g

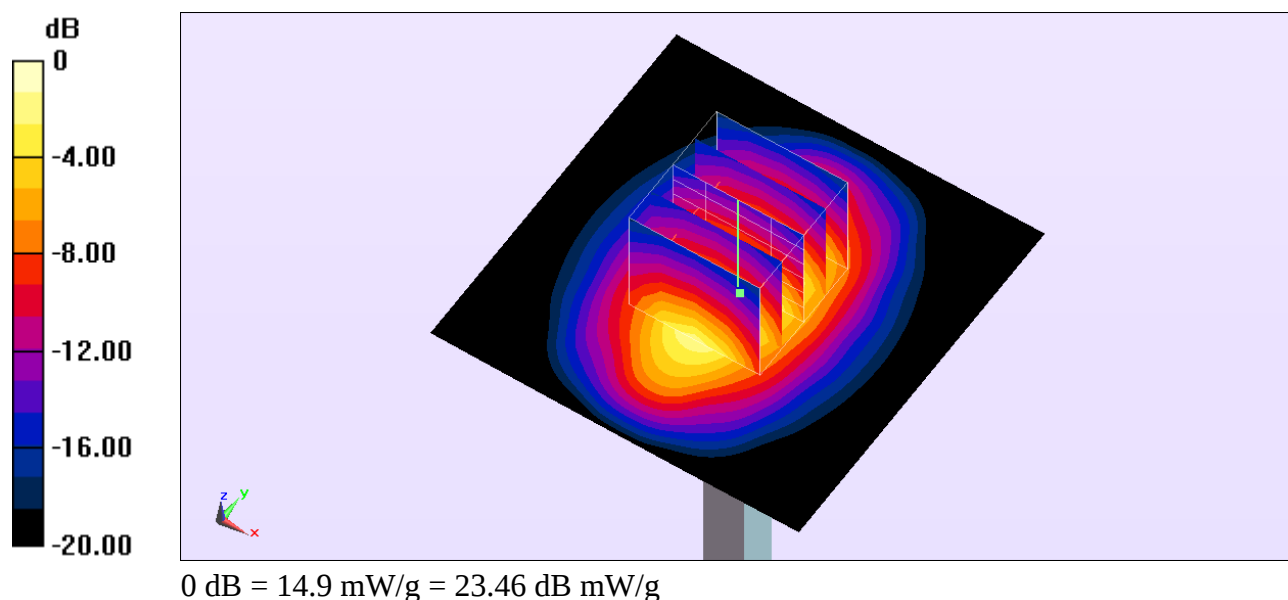
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.1 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.632 mW/g

SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.39 mW/g

Maximum value of SAR (measured) = 14.9 mW/g



System Check_Body_1900MHz_130221**DUT: D1900V2-SN:5d041**

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

Medium: MSL1900_130221 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.531$ mho/m; $\epsilon_r = 54.169$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.2 mW/g

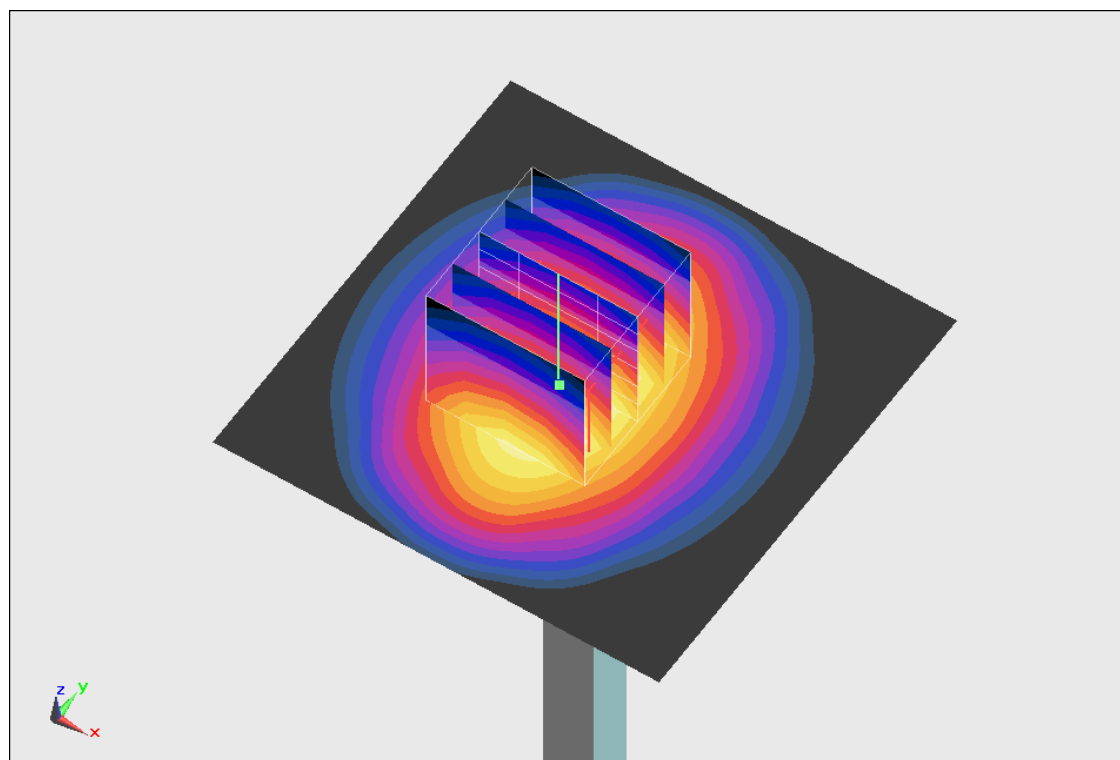
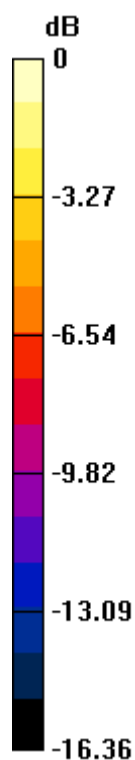
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.543 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 14.907 mW/g

SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.69 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_130222**DUT: D1900V2-SN:5d041**

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

Medium: MSL_1900_130222 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.547$ mho/m; $\epsilon_r = 50.964$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.0 mW/g

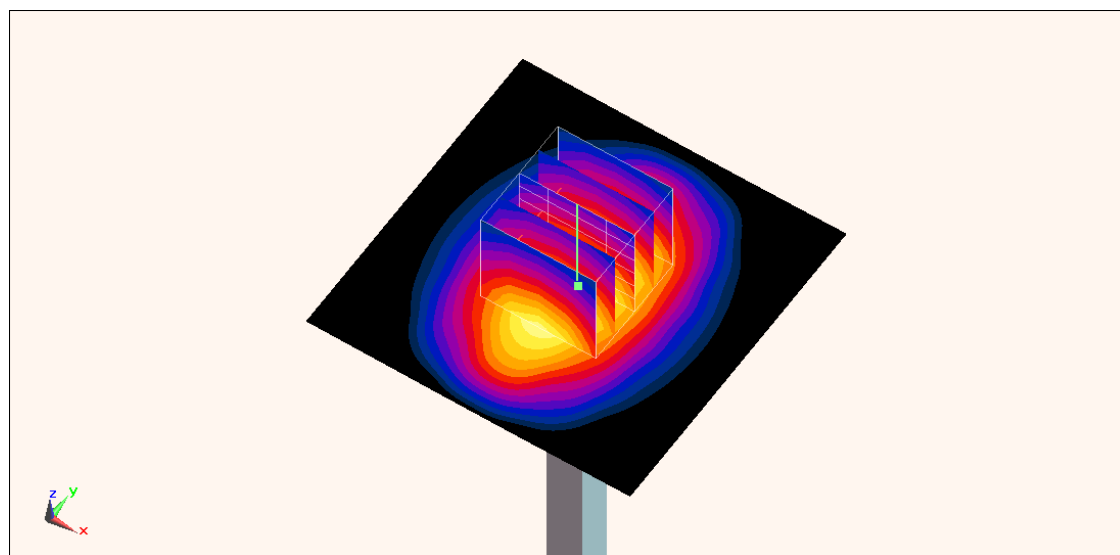
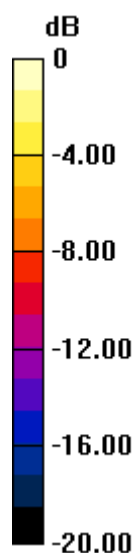
Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.1 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.898 mW/g

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.46 mW/g

Maximum value of SAR (measured) = 15.1 mW/g



0 dB = 15.1 mW/g = 23.58 dB mW/g

System Check_Body_2450MHz_130102**DUT: D2450V2-SN:736**

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

Medium: MSL_2450_130102 Medium parameters used: $f = 2450$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 53.936$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

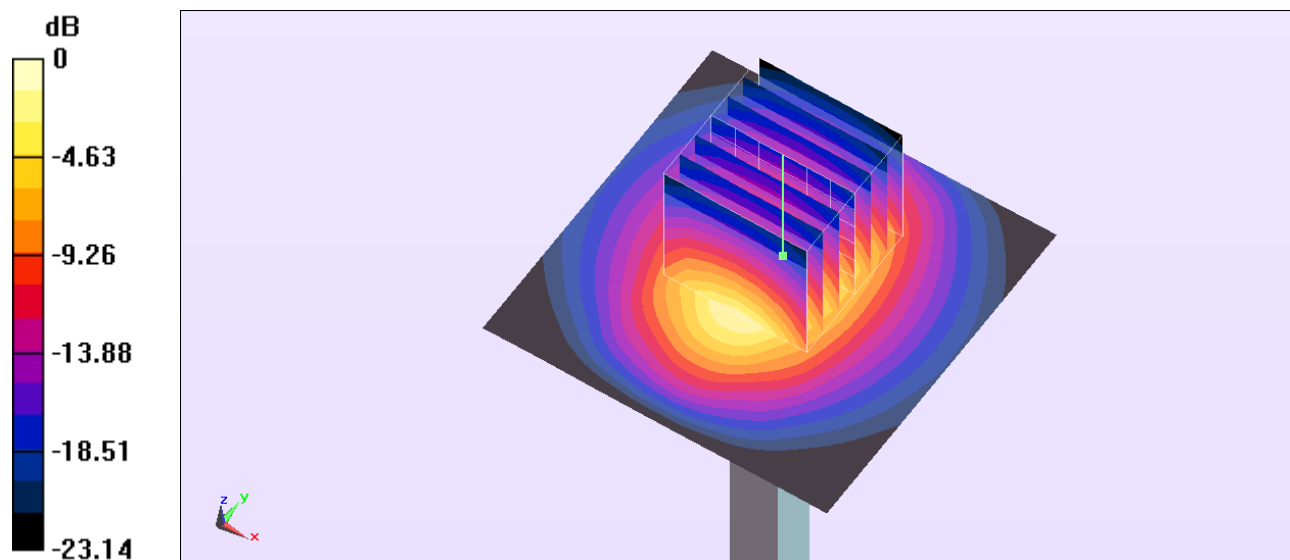
Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 21.5 mW/g**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.921 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 28.124 mW/g

SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.9 mW/g

Maximum value of SAR (measured) = 19.7 mW/g



0 dB = 19.7 mW/g = 25.89 dB mW/g

System Check_Body_2450MHz_130111**DUT: D2450V2-SN:736**

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

Medium: MSL_2450_130111 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.931$ mho/m; $\epsilon_r = 53.552$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 20.5 mW/g

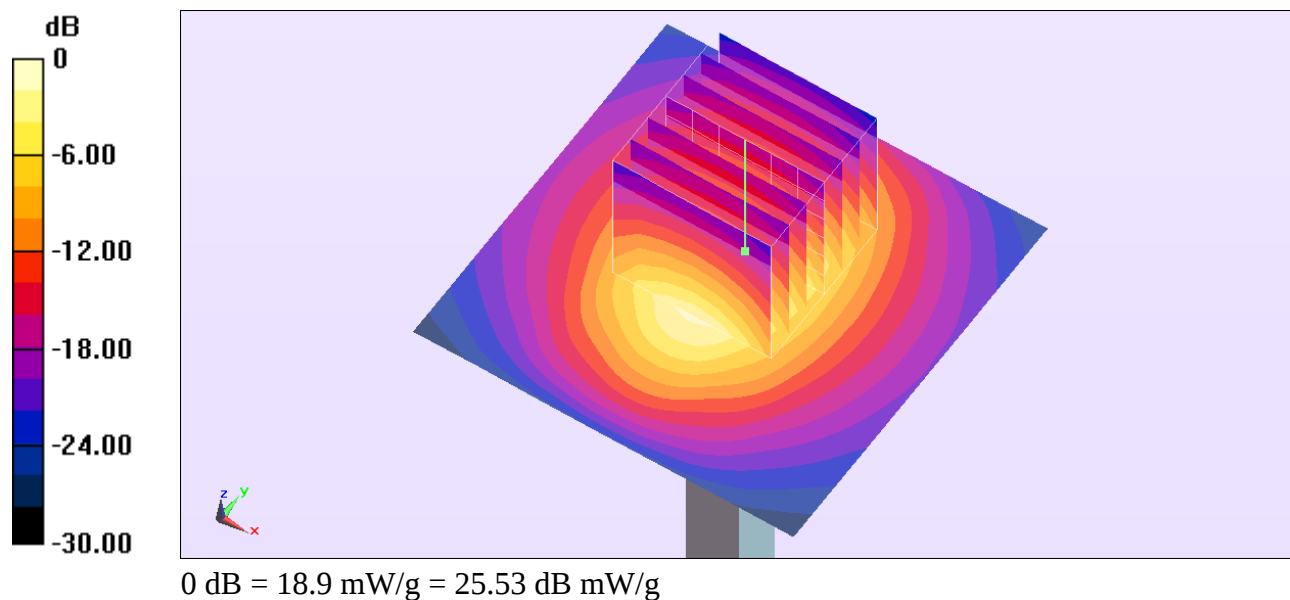
Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.921 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 26.890 mW/g

SAR(1 g) = 12.3 mW/g; SAR(10 g) = 5.64 mW/g

Maximum value of SAR (measured) = 18.9 mW/g



System Check_Body_5200MHz_130103**DUT: D5GHzV2 - SN:1006**

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

Medium: MSL_5G_130103 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.138$ mho/m; $\epsilon_r = 47.493$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.8 mW/g

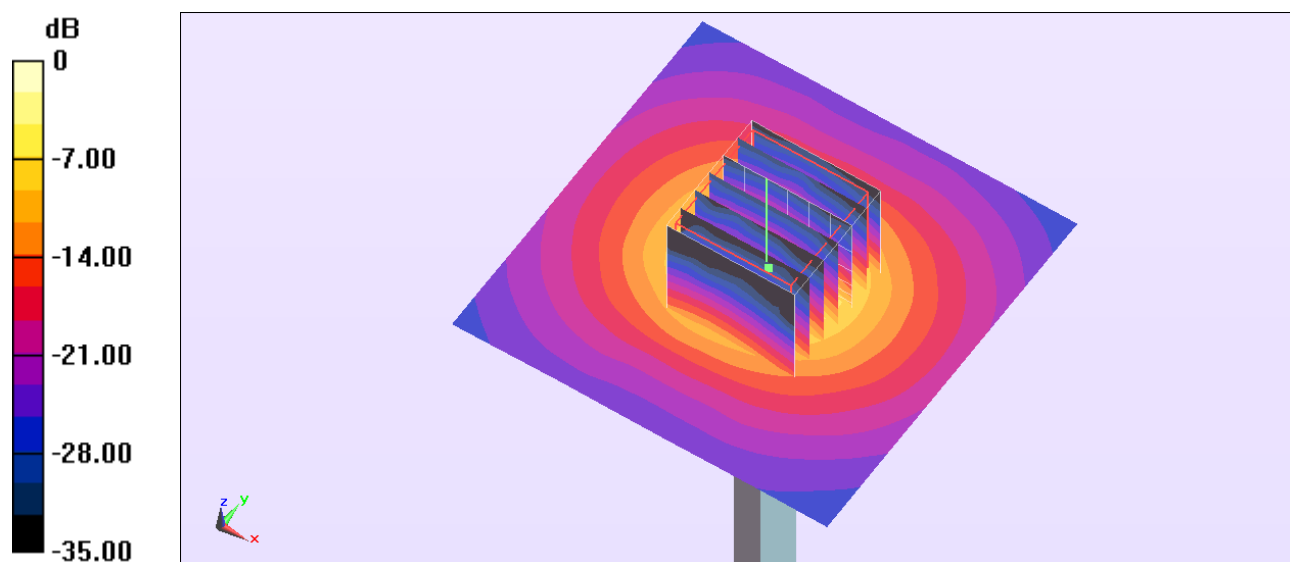
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.906 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 31.583 mW/g

SAR(1 g) = 7.08 mW/g; SAR(10 g) = 1.95 mW/g

Maximum value of SAR (measured) = 17.4 mW/g



0 dB = 17.4 mW/g = 24.81 dB mW/g

System Check_Body_5300MHz_130103**DUT: D5GHzV2 - SN:1006**

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130103 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.27$ mho/m; $\epsilon_r = 47.255$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 18.0 mW/g

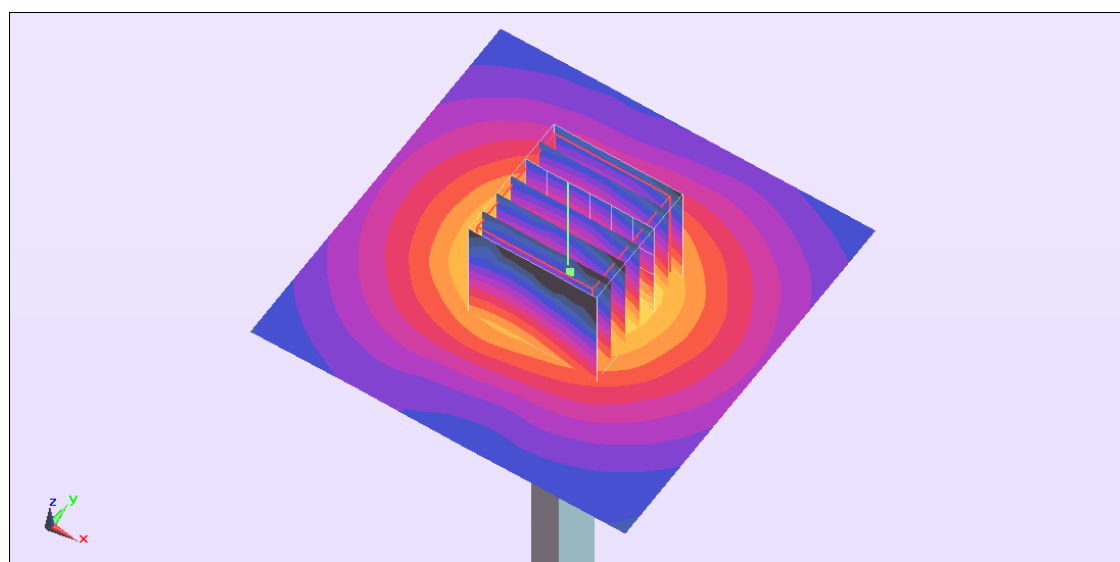
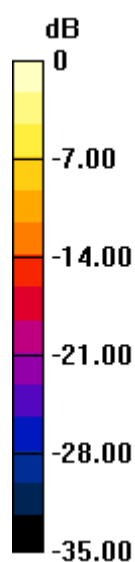
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$,
 $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 46.807 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.745 mW/g

SAR(1 g) = 7.31 mW/g ; SAR(10 g) = 2.04 mW/g

Maximum value of SAR (measured) = 17.3 mW/g



0 dB = 17.3 mW/g = 24.76 dB mW/g

System Check_Body_5600MHz_130103**DUT: D5GHzV2 - SN:1006**

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130103 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.653$ mho/m; $\epsilon_r = 46.801$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 19.6 mW/g

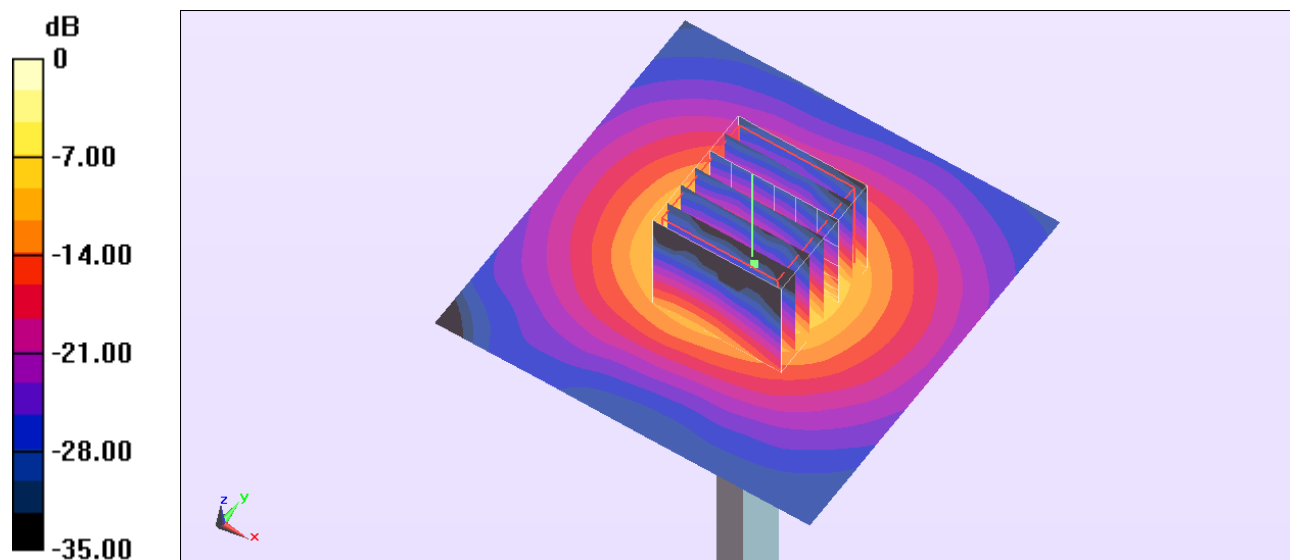
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.270 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.307 mW/g

SAR(1 g) = 8 mW/g; SAR(10 g) = 2.23 mW/g

Maximum value of SAR (measured) = 19.3 mW/g



0 dB = 19.3 mW/g = 25.71 dB mW/g

System Check_Body_5800MHz_130103**DUT: D5GHzV2 - SN:1006**

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

Medium: MSL_5G_130103 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.991$ mho/m; $\epsilon_r = 46.521$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Pin=100mW/Area Scan (71x71x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 18.2 mW/g

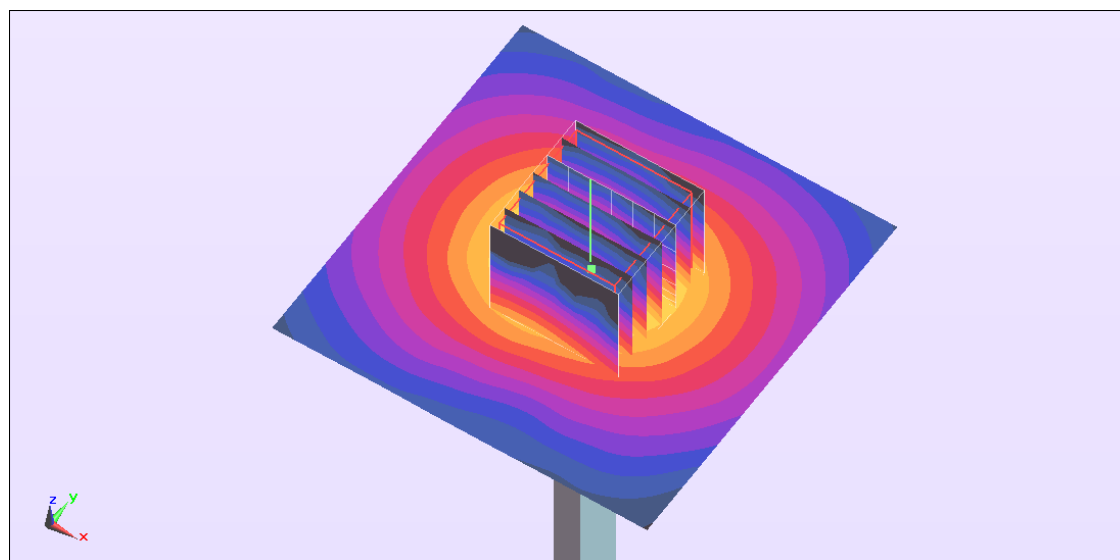
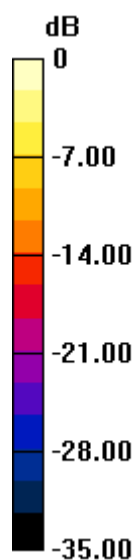
Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.301 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.745 mW/g

SAR(1 g) = 7.46 mW/g; SAR(10 g) = 2.06 mW/g

Maximum value of SAR (measured) = 18.6 mW/g



0 dB = 18.6 mW/g = 25.39 dB mW/g