

**System Check\_Head\_750MHz\_130310**

**DUT: D750V2 - SN:1065**

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

Medium: HSL\_750\_130310 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 40.918$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.25, 9.25, 9.25); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.698 mW/g

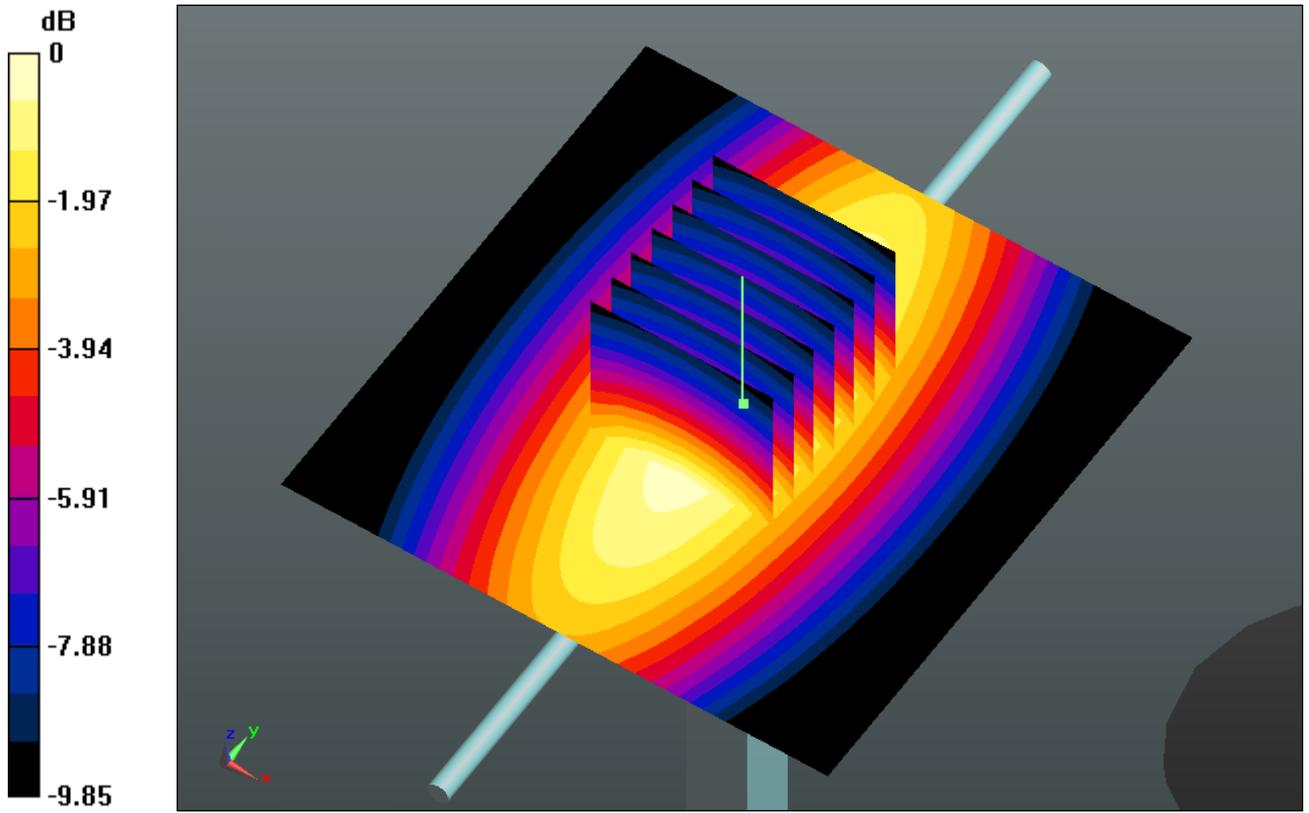
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.828 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.158 W/kg

**SAR(1 g) = 2.13 mW/g; SAR(10 g) = 1.42 mW/g**

Maximum value of SAR (measured) = 2.685 mW/g



0 dB = 2.680mW/g

**System Check\_Head\_835MHz\_130310**

**DUT: D835V2 - SN:4d091**

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

Medium: HSL\_835\_130310 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 40.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.457 mW/g

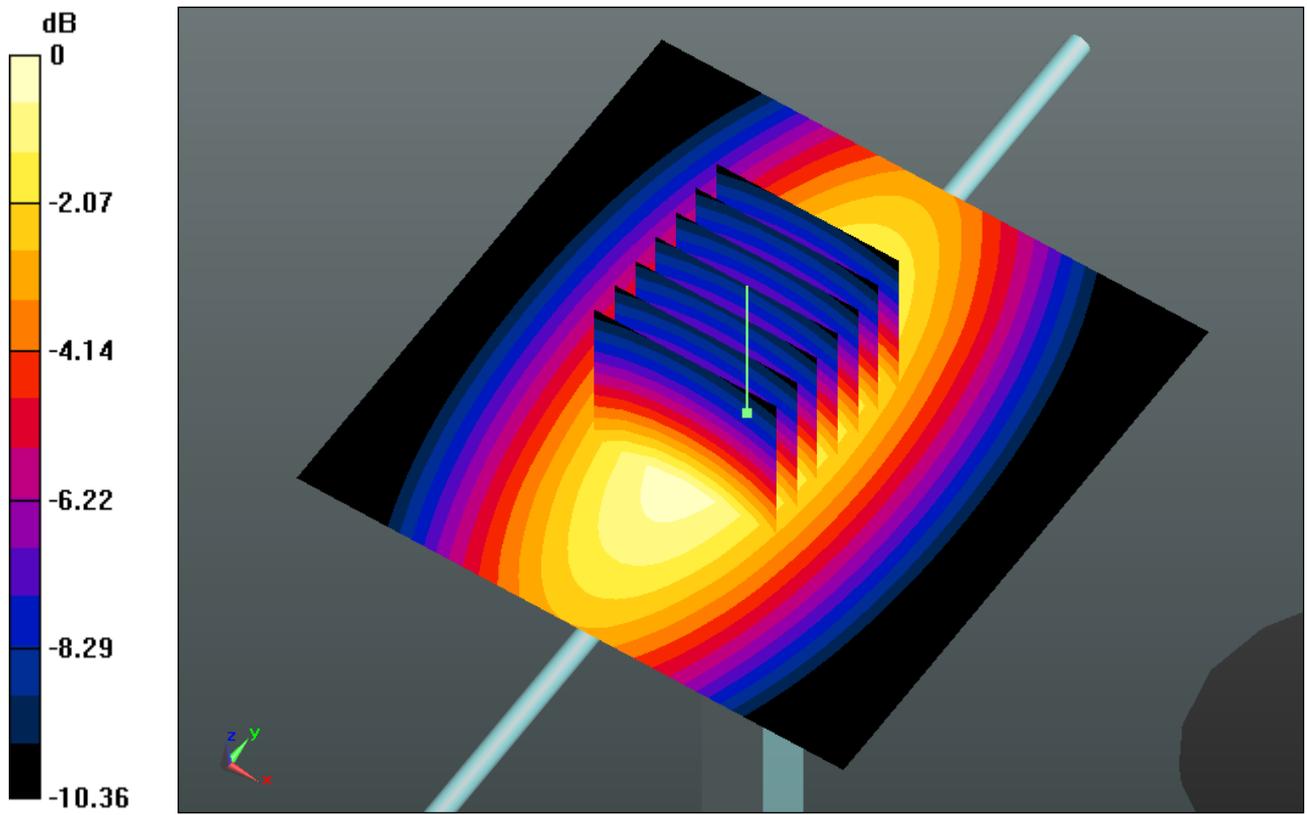
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.386 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.299 W/kg

**SAR(1 g) = 2.28 mW/g; SAR(10 g) = 1.5 mW/g**

Maximum value of SAR (measured) = 2.460 mW/g



0 dB = 2.460mW/g

**System Check\_Head\_1750MHz\_130308**

**DUT: D1750V2 - SN:1069**

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

Medium: HSL\_1750\_130308 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.373$  mho/m;  $\epsilon_r =$

41.392;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.14, 8.14, 8.14); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 10.268 mW/g

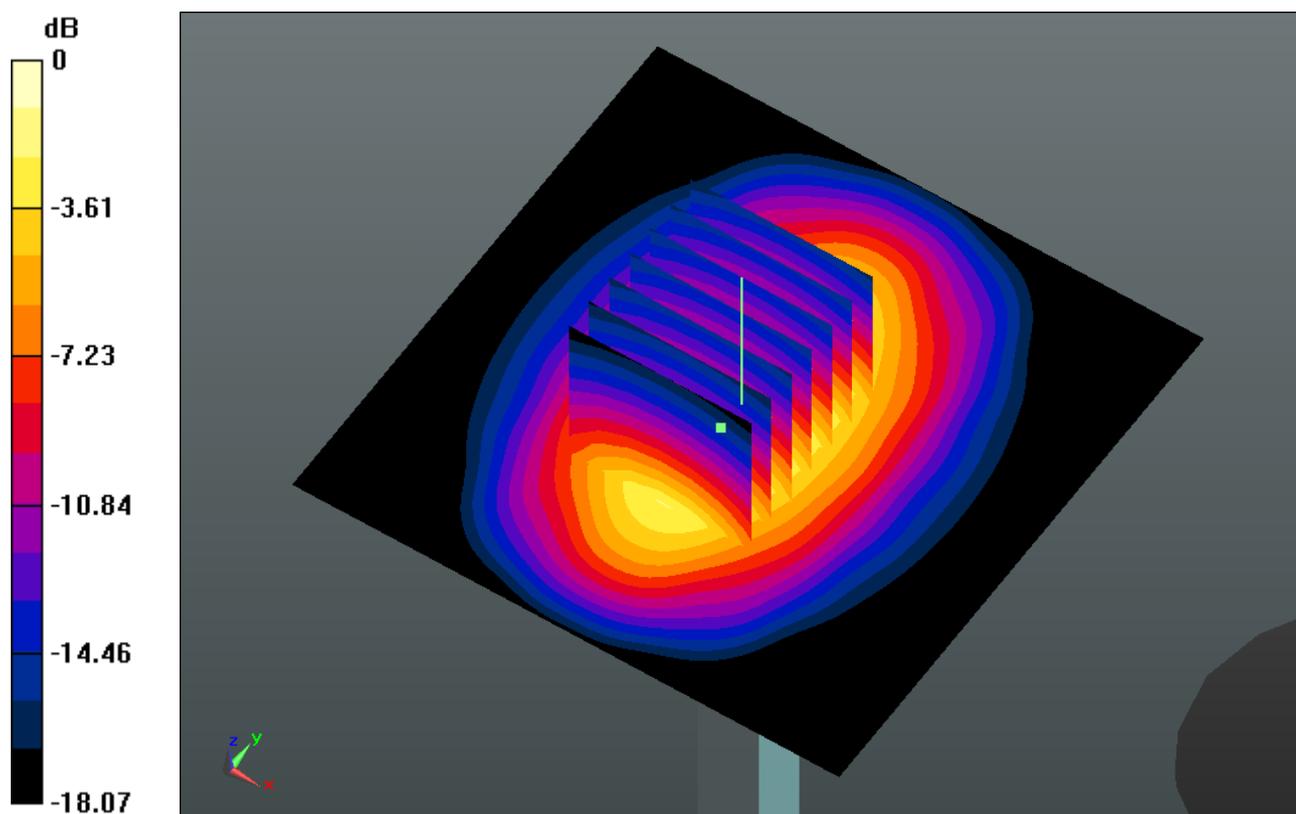
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.386 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 17.190 W/kg

**SAR(1 g) = 9.17 mW/g; SAR(10 g) = 4.79 mW/g**

Maximum value of SAR (measured) = 10.254 mW/g



0 dB = 10.250mW/g

**System Check\_Head\_1900MHz\_130308**

**DUT: D1900V2 - SN:5d118**

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

Medium: HSL\_1900\_130308 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r =$

$38.906$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 11.399 mW/g

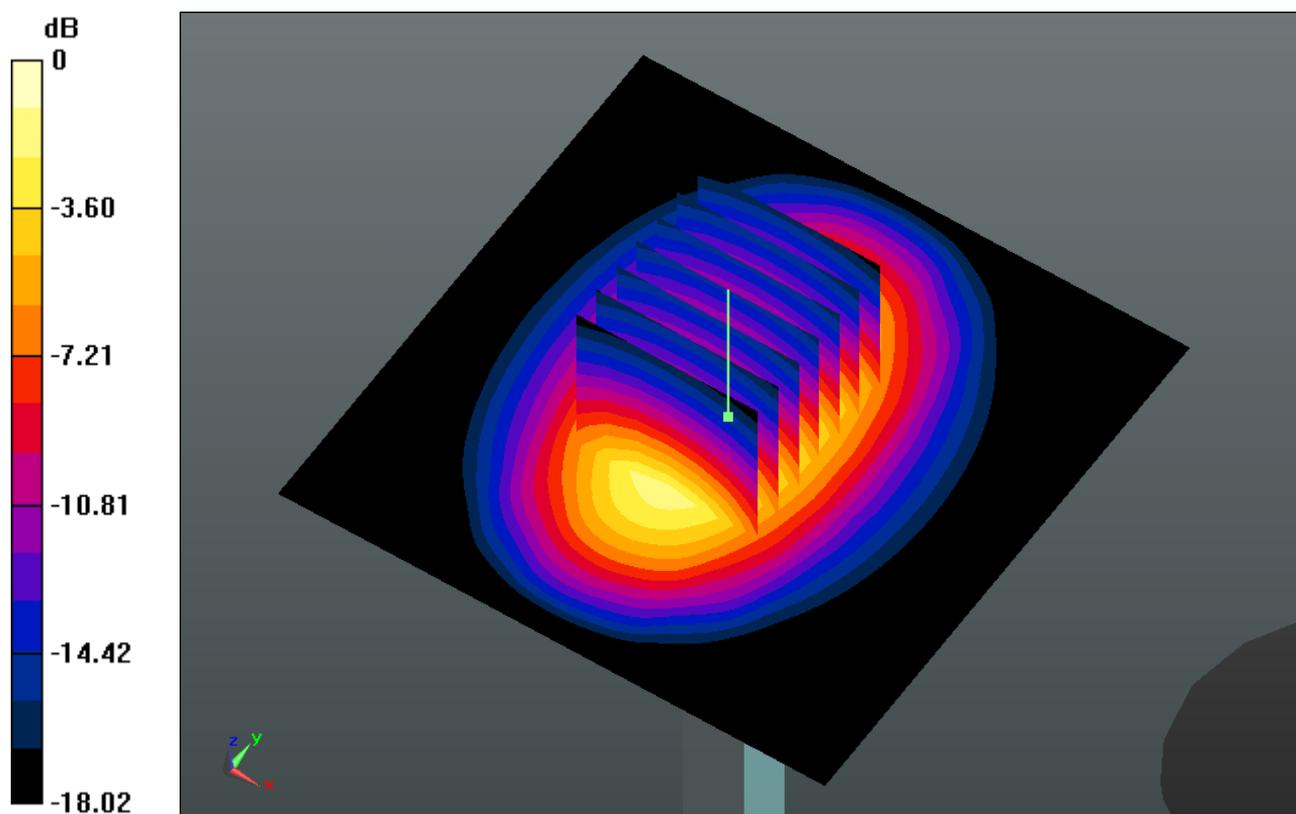
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.662 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 18.979 W/kg

**SAR(1 g) = 10 mW/g; SAR(10 g) = 5.15 mW/g**

Maximum value of SAR (measured) = 11.294 mW/g



0 dB = 11.290mW/g

## System Check\_Head\_2450MHz\_130301

### DUT: D2450V2 - SN:736

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

Medium: HSL\_2450\_130301 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.842$  mho/m;  $\epsilon_r =$

$39.923$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 21.565 mW/g

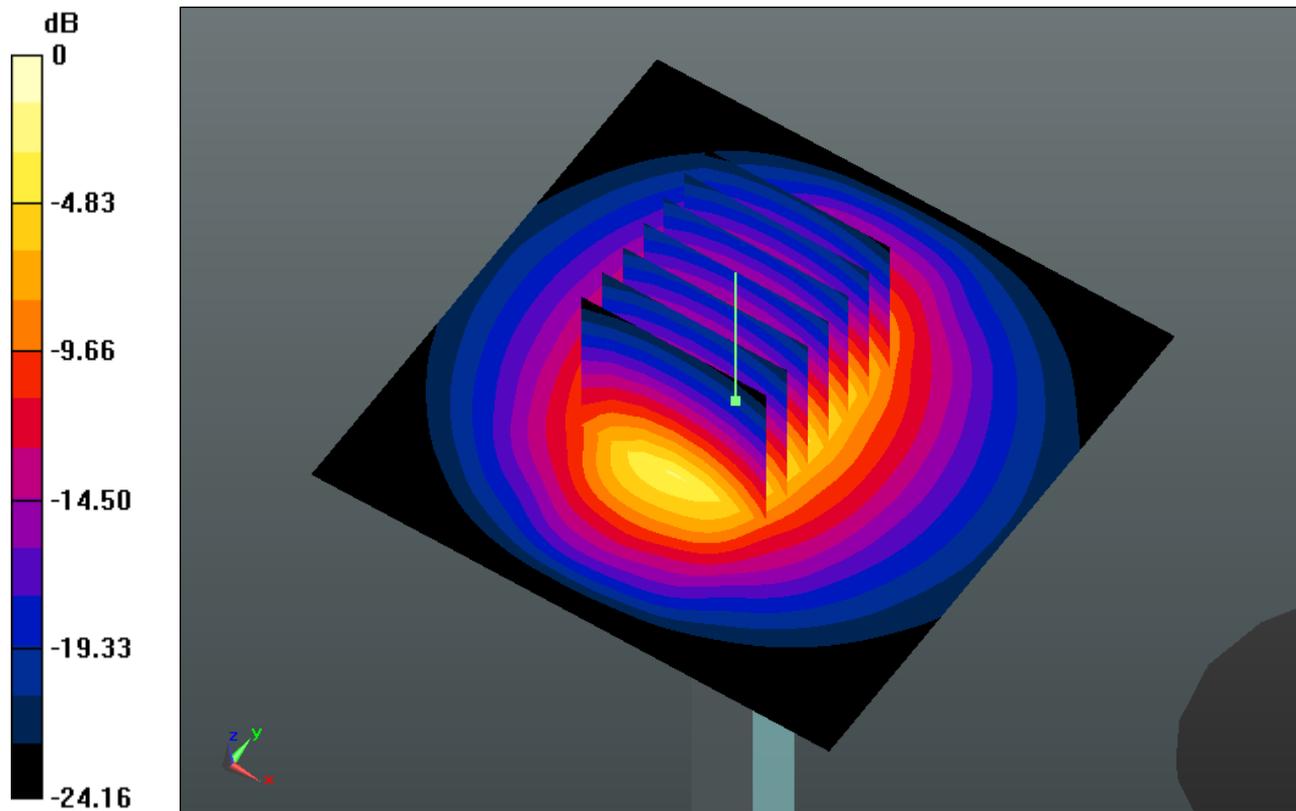
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.910 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 28.739 W/kg

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.08 mW/g**

Maximum value of SAR (measured) = 21.054 mW/g



0 dB = 21.050mW/g

**System Check\_Body\_750MHz\_130225**

**DUT: D750V2 - SN:1065**

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

Medium: MSL\_750\_130225 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 54.646$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.18, 9.18, 9.18); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.763 mW/g

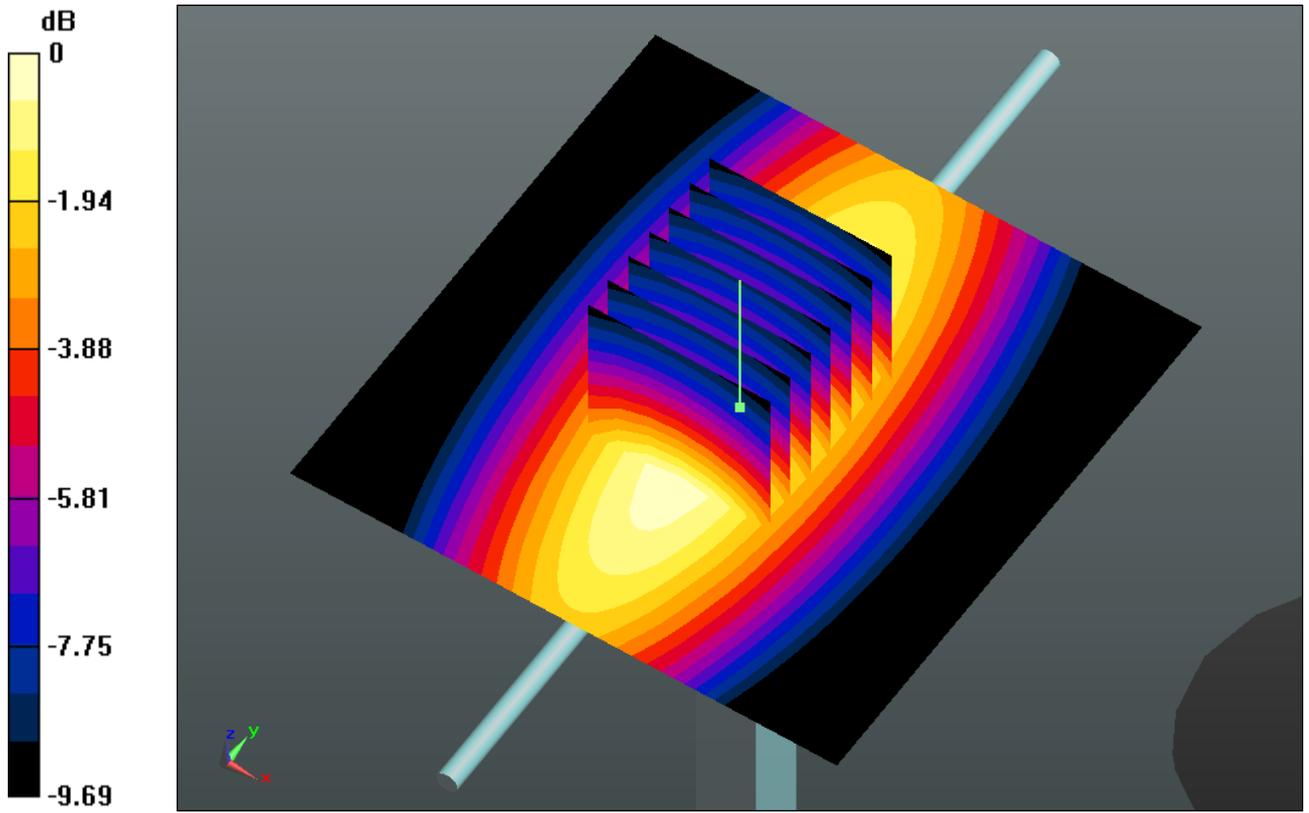
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.777 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.221 W/kg

**SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.49 mW/g**

Maximum value of SAR (measured) = 2.774 mW/g



0 dB = 2.770mW/g

**System Check\_Body\_835MHz\_130225**

**DUT: D835V2 - SN:4d091**

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

Medium: MSL\_835\_130225 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.848$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.436 mW/g

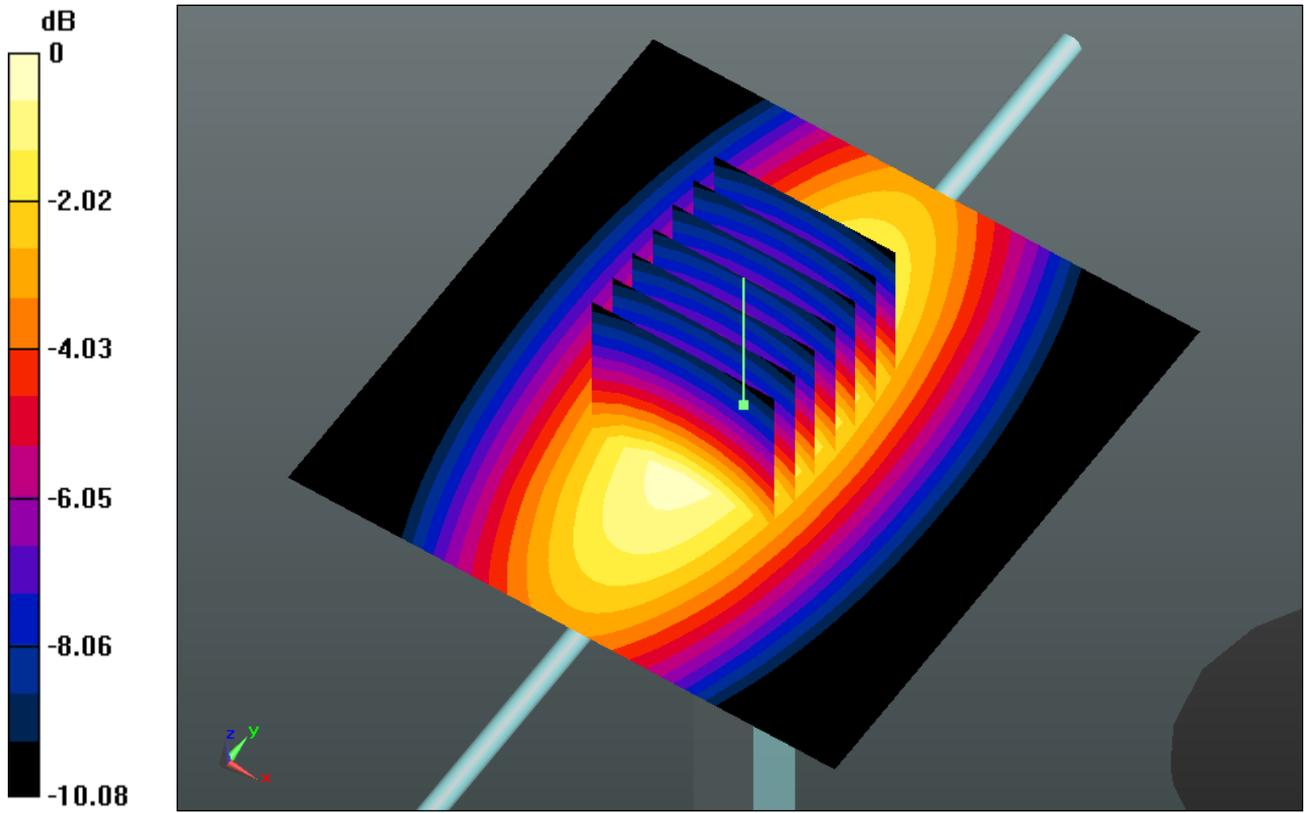
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.214 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.263 W/kg

**SAR(1 g) = 2.26 mW/g; SAR(10 g) = 1.5 mW/g**

Maximum value of SAR (measured) = 2.439 mW/g



0 dB = 2.440mW/g

## System Check\_Body\_835MHz\_130412

### DUT: D835V2 - SN:4d091

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

Medium: MSL\_835\_130412 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 55.176$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.0 °C ; Liquid Temperature : 21.0 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 2.438 mW/g

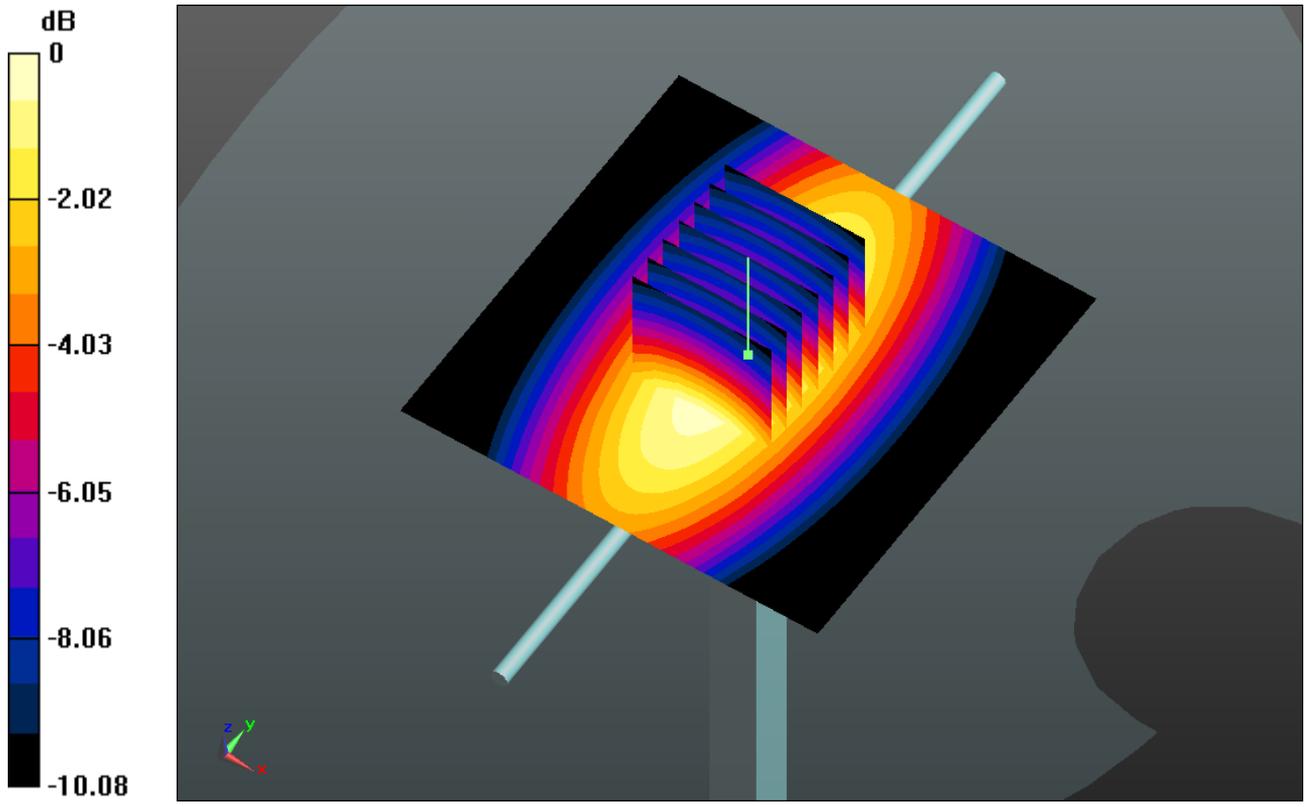
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.214 V/m; Power Drift = 0.0046 dB

Peak SAR (extrapolated) = 3.265 W/kg

**SAR(1 g) = 2.27 mW/g; SAR(10 g) = 1.51 mW/g**

Maximum value of SAR (measured) = 2.441 mW/g



0 dB = 2.440mW/g

**System Check\_Body\_1750MHz\_130307**

**DUT: D1750V2 - SN:1069**

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

Medium: MSL\_1750\_130307 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.512$  mho/m;  $\epsilon_r =$

$55.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.68, 7.68, 7.68); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 10.236 mW/g

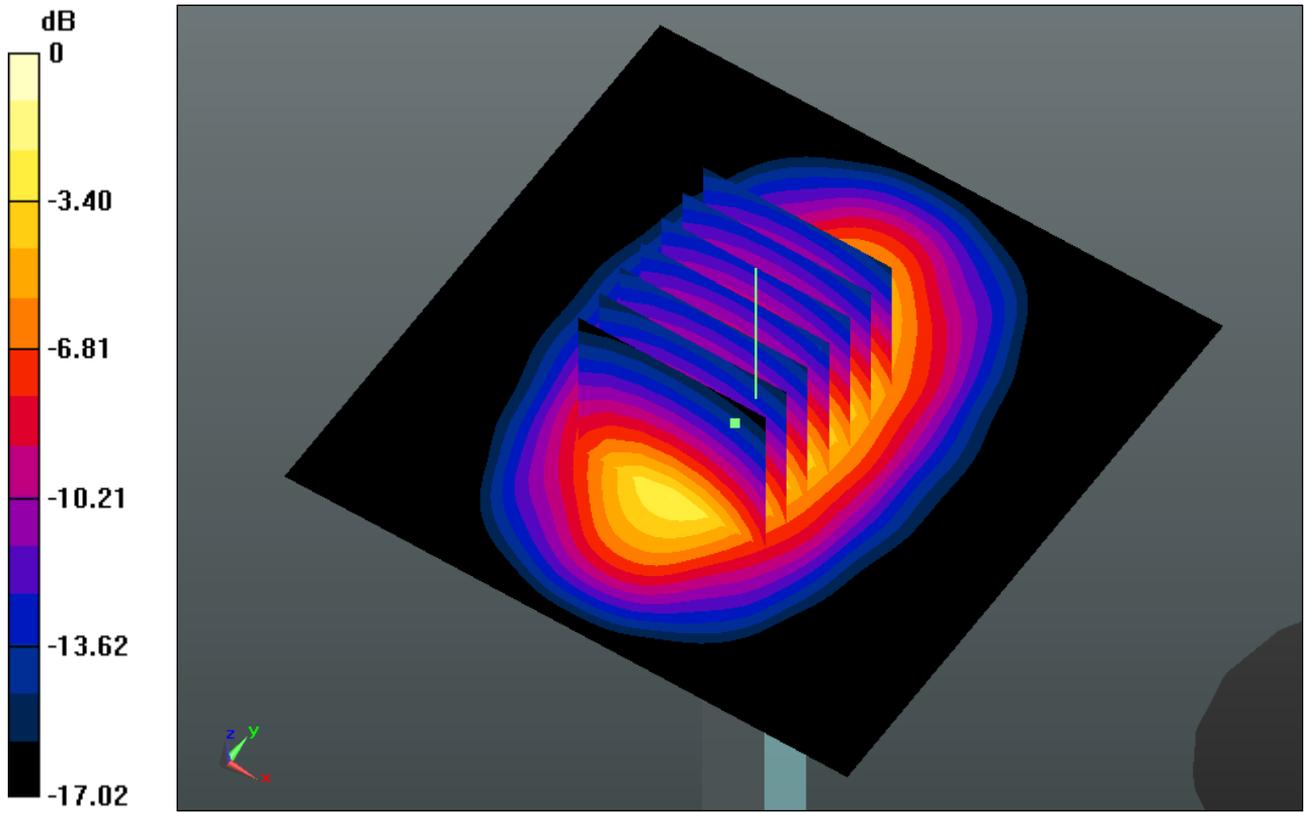
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.557 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 16.051 W/kg

**SAR(1 g) = 8.98 mW/g; SAR(10 g) = 4.78 mW/g**

Maximum value of SAR (measured) = 10.129 mW/g



0 dB = 10.130mW/g

**System Check\_Body\_1900MHz\_130306**

**DUT: D1900V2 - SN:5d118**

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

Medium: MSL\_1900\_130306 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.551$  mho/m;  $\epsilon_r =$

53.249;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 11.960 mW/g

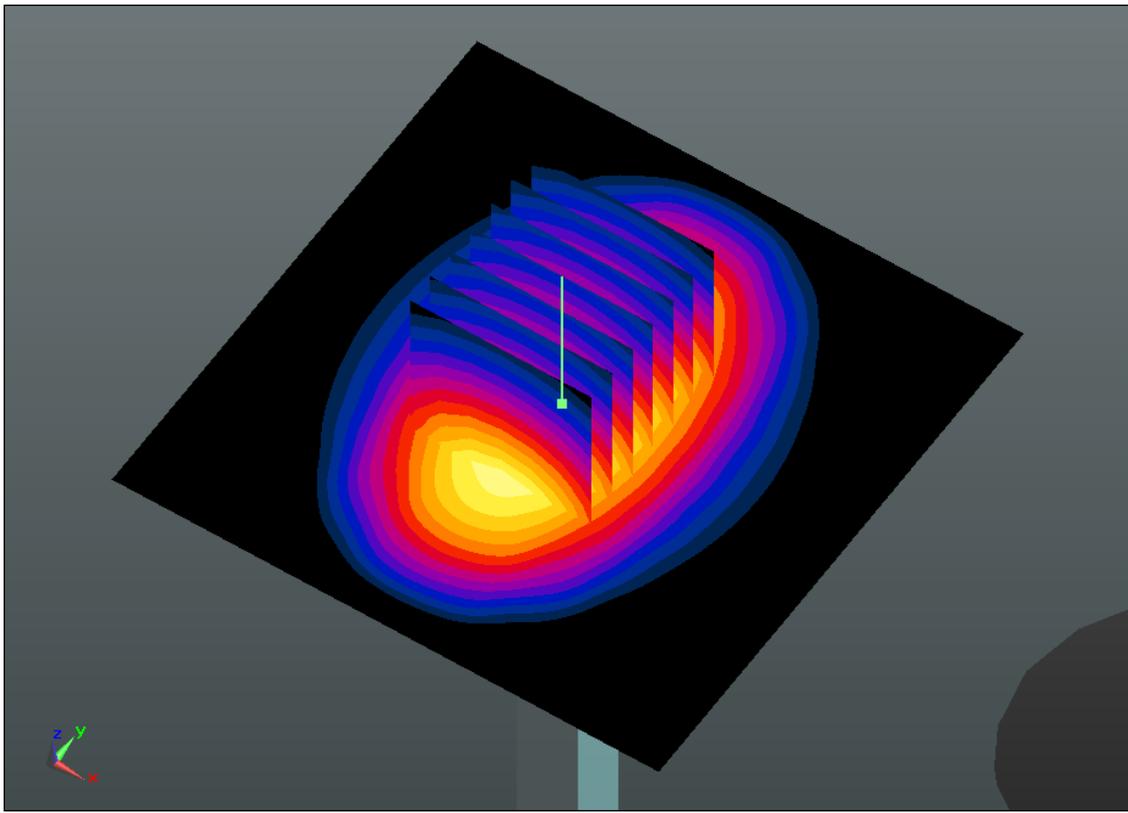
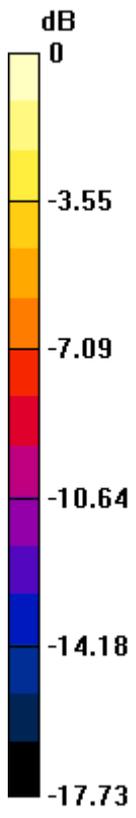
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.094 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.817 W/kg

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

Maximum value of SAR (measured) = 11.783 mW/g



0 dB = 11.780mW/g

**System Check\_Body\_1900MHz\_130412**

**DUT: D1900V2 - SN:5d118**

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

Medium: MSL\_1900\_130412 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.551$  mho/m;  $\epsilon_r =$

$53.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 11.960 mW/g

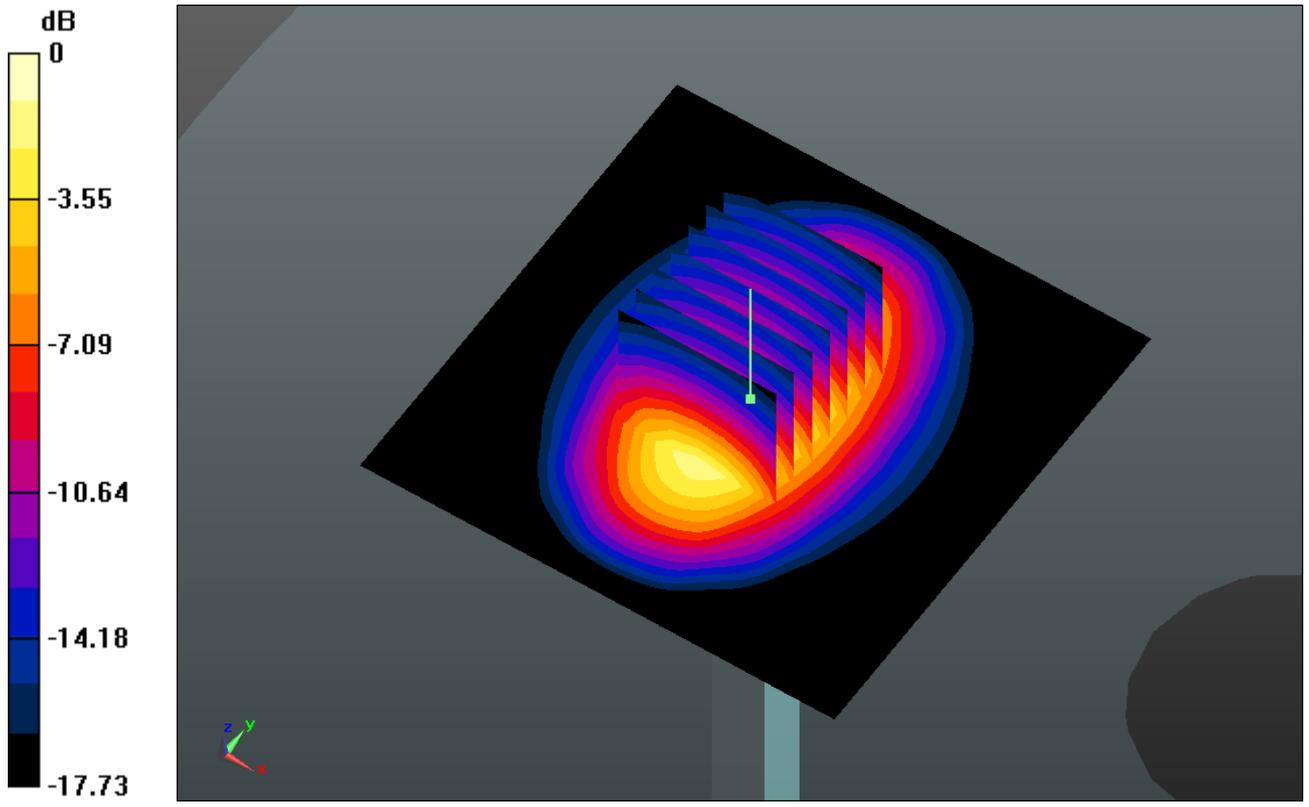
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.094 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.817 W/kg

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.3 mW/g**

Maximum value of SAR (measured) = 11.783 mW/g



0 dB = 11.780mW/g

**System Check\_Body\_2450MHz\_130301**

**DUT: D2450V2 - SN:736**

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

Medium: MSL\_2450\_130301 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.949$  mho/m;  $\epsilon_r =$

53.894;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 20.754 mW/g

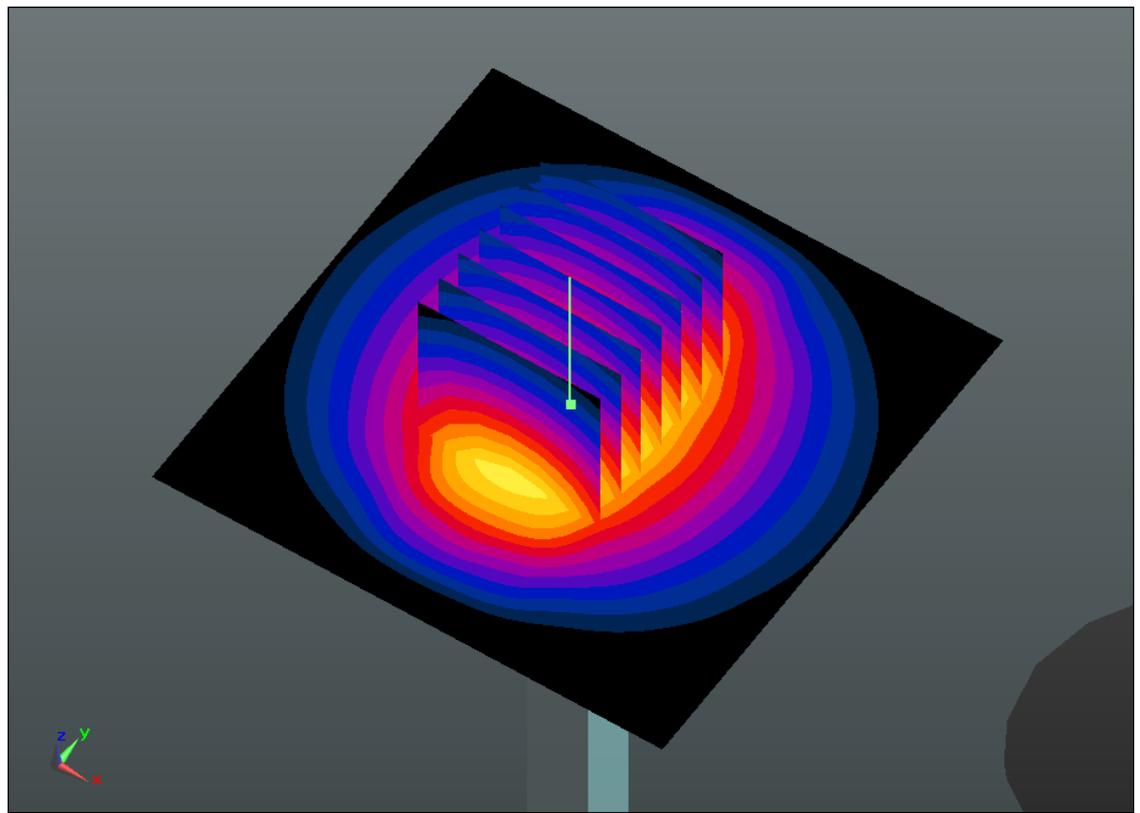
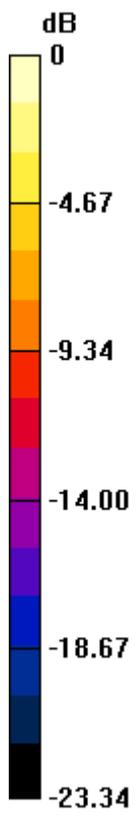
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.361 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 28.243 W/kg

**SAR(1 g) = 13.1 mW/g; SAR(10 g) = 5.93 mW/g**

Maximum value of SAR (measured) = 20.299 mW/g



0 dB = 20.300mW/g