

## System Check\_Head\_835MHz\_121107

**DUT: D835V2-SN:499**

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

Medium: HSL\_850\_121107 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.904 \text{ mho/m}$ ;  $\epsilon_r = 41.1$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $2.44 \text{ mW/g}$

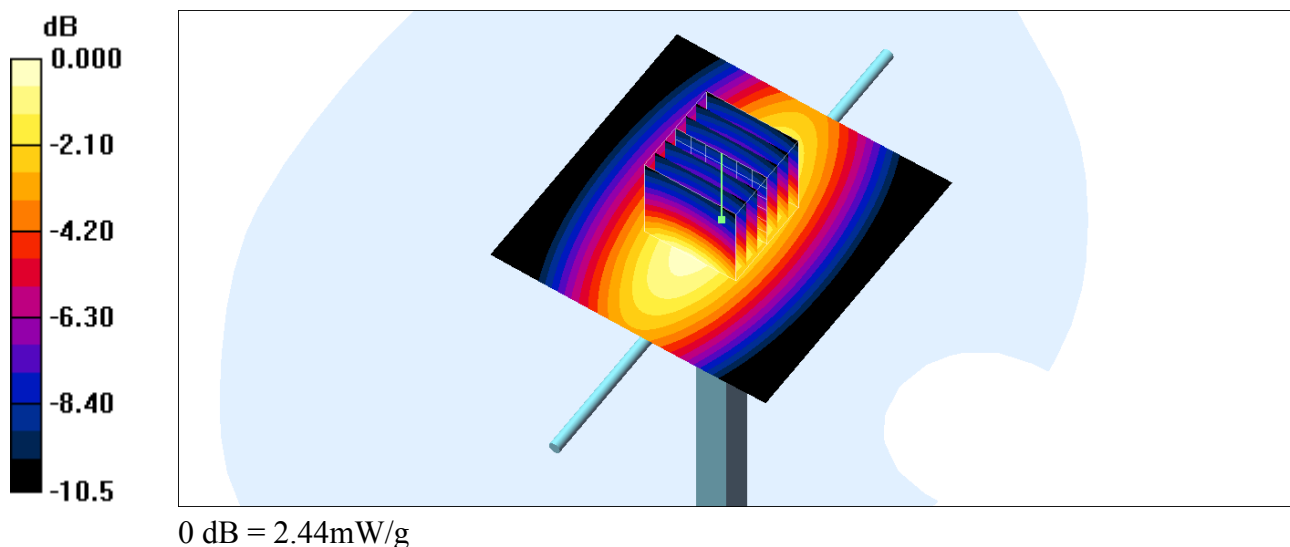
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $52.7 \text{ V/m}$ ; Power Drift =  $0.008 \text{ dB}$

Peak SAR (extrapolated) =  $3.35 \text{ W/kg}$

**SAR(1 g) =  $2.26 \text{ mW/g}$ ; SAR(10 g) =  $1.48 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.44 \text{ mW/g}$



## System Check\_Body\_835MHz\_121106

**DUT: D835V2-SN:499**

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

Medium: MSL\_850\_121106 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.786$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.82, 8.82, 8.82); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 2.60 mW/g

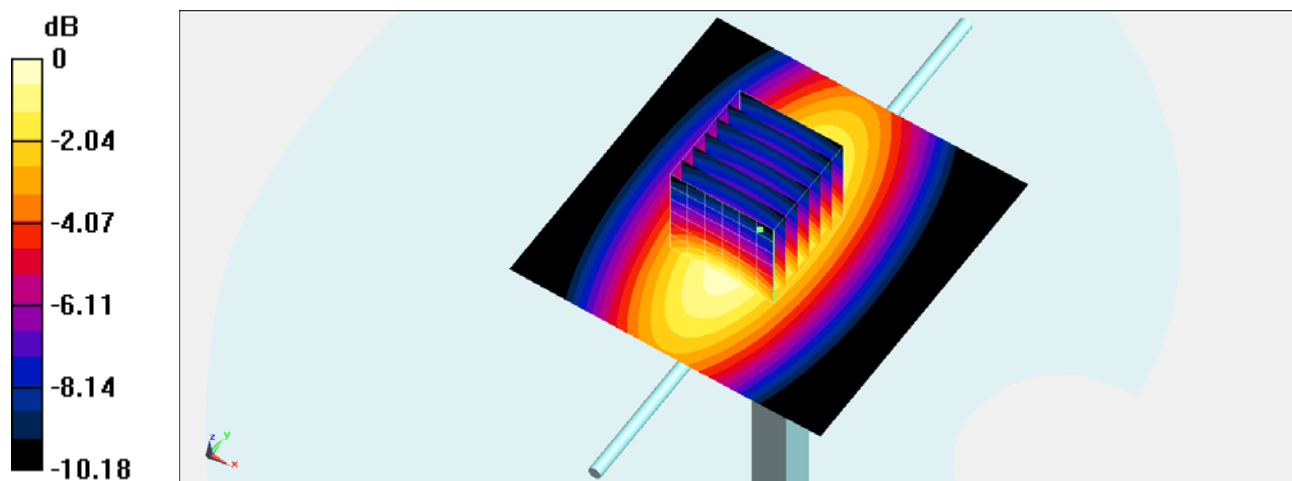
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.898 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.587 mW/g

**SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.57 mW/g**

Maximum value of SAR (measured) = 2.59 mW/g



## System Check\_Body\_835MHz\_121106

**DUT: D835V2-SN:499**

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

Medium: MSL\_850\_121106 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 54.742$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 2.62 mW/g

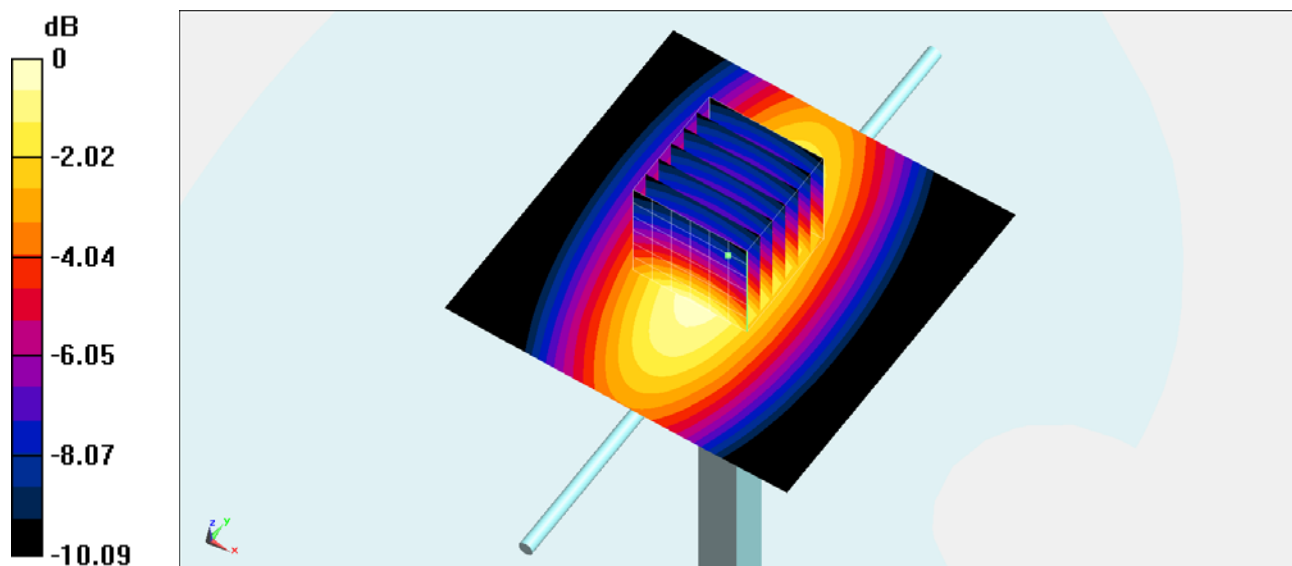
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.224 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.498 mW/g

**SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.59 mW/g**

Maximum value of SAR (measured) = 2.63 mW/g



0 dB = 2.63 mW/g = 8.40 dB mW/g

## System Check\_Body\_835MHz\_121106

**DUT: D835V2-SN:499**

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

Medium: MSL\_850\_121106 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.994 \text{ mho/m}$ ;  $\epsilon_r = 54.755$ ;  $\rho =$

$1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.92, 5.92, 5.92); Calibrated: 2012/10/23;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (1); 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) =  $2.49 \text{ mW/g}$

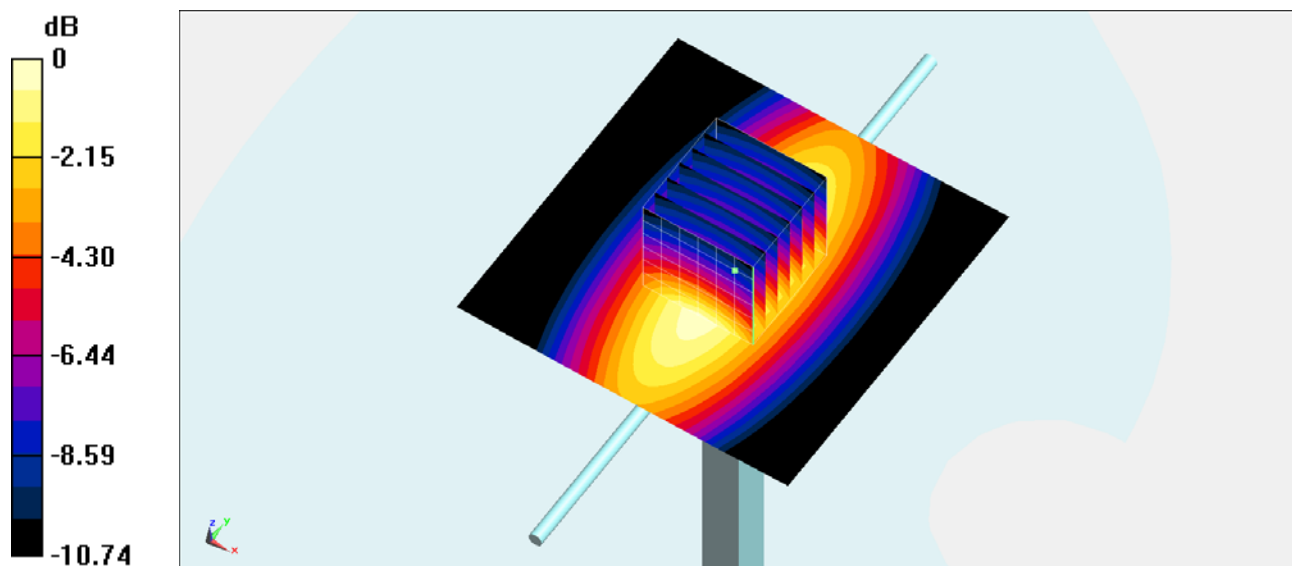
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  
 $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $51.630 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $3.554 \text{ mW/g}$

**SAR(1 g) =  $2.3 \text{ mW/g}$ ; SAR(10 g) =  $1.45 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.50 \text{ mW/g}$



## System Check\_Head\_1900MHz\_121108

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

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

Medium: HSL\_1900\_121108 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 38.1$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.65, 4.65, 4.65); Calibrated: 2012/10/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- 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 (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.3 mW/g

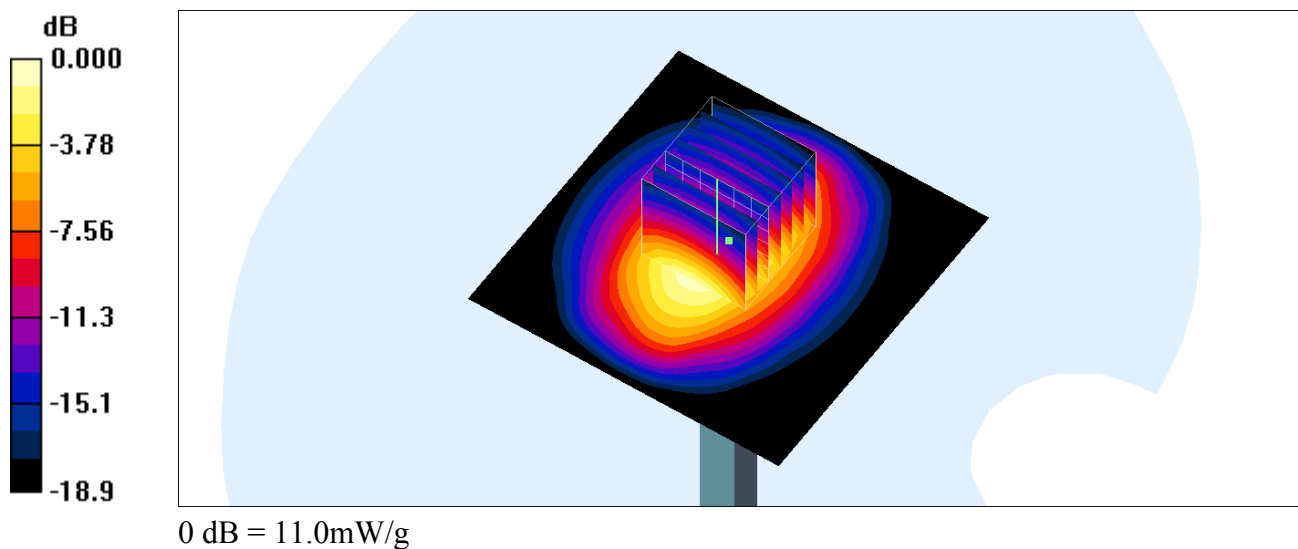
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.5 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 9.78 mW/g; SAR(10 g) = 5.08 mW/g**

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



## System Check\_Body\_1900MHz\_121107

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

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

Medium: MSL\_1900\_121107 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.544$  mho/m;  $\epsilon_r = 51.591$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 10.7 mW/g

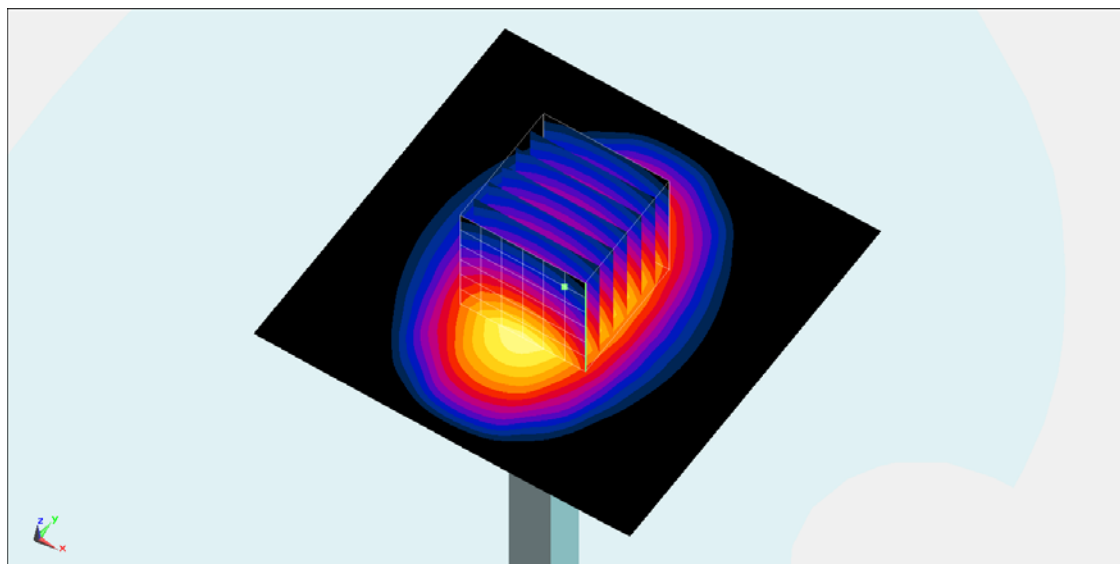
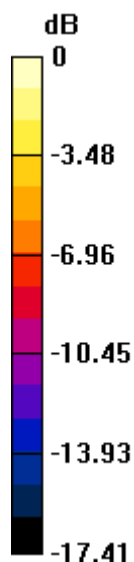
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 83.851 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.567 mW/g

**SAR(1 g) = 9.36 mW/g; SAR(10 g) = 4.81 mW/g**

Maximum value of SAR (measured) = 10.6 mW/g



0 dB = 10.6 mW/g = 20.51 dB mW/g

## System Check\_Body\_1900MHz\_121108

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

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

Medium: MSL\_1900\_121108 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.15, 4.15, 4.15); Calibrated: 2012/10/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- 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) = 11.1 mW/g

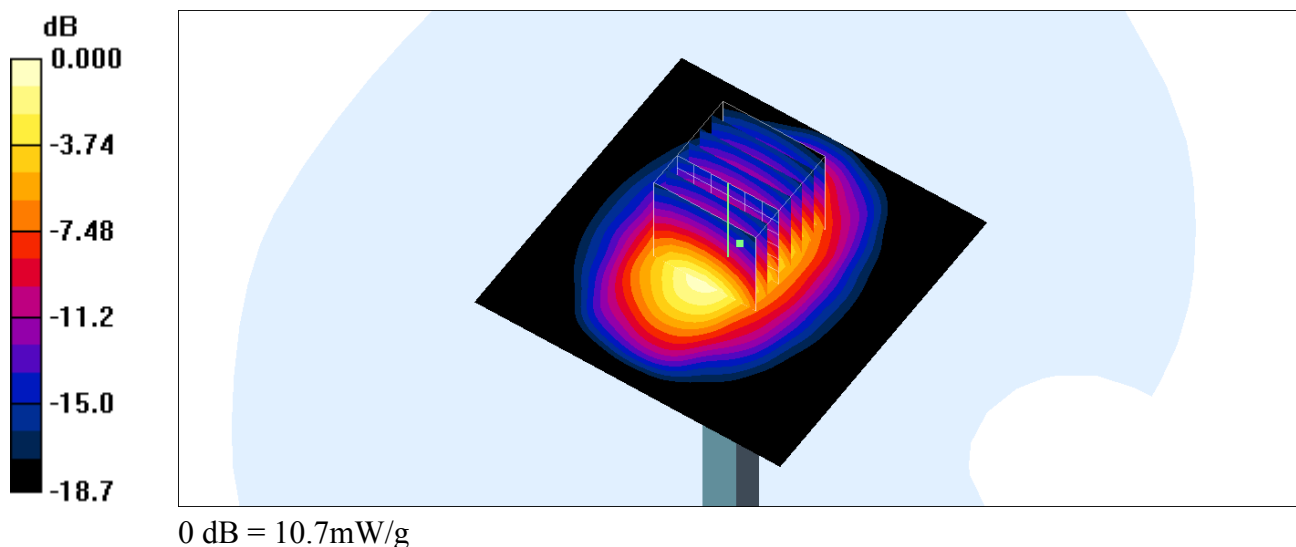
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.8 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 16.0 W/kg

**SAR(1 g) = 9.42 mW/g; SAR(10 g) = 4.9 mW/g**

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



**System Check\_Head\_2450MHz\_121108****DUT: D2450V2-SN:736**

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

Medium: HSL\_2450\_121108 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12

- 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 (61x61x1):** Measurement grid: dx=15mm, dy=15mm

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

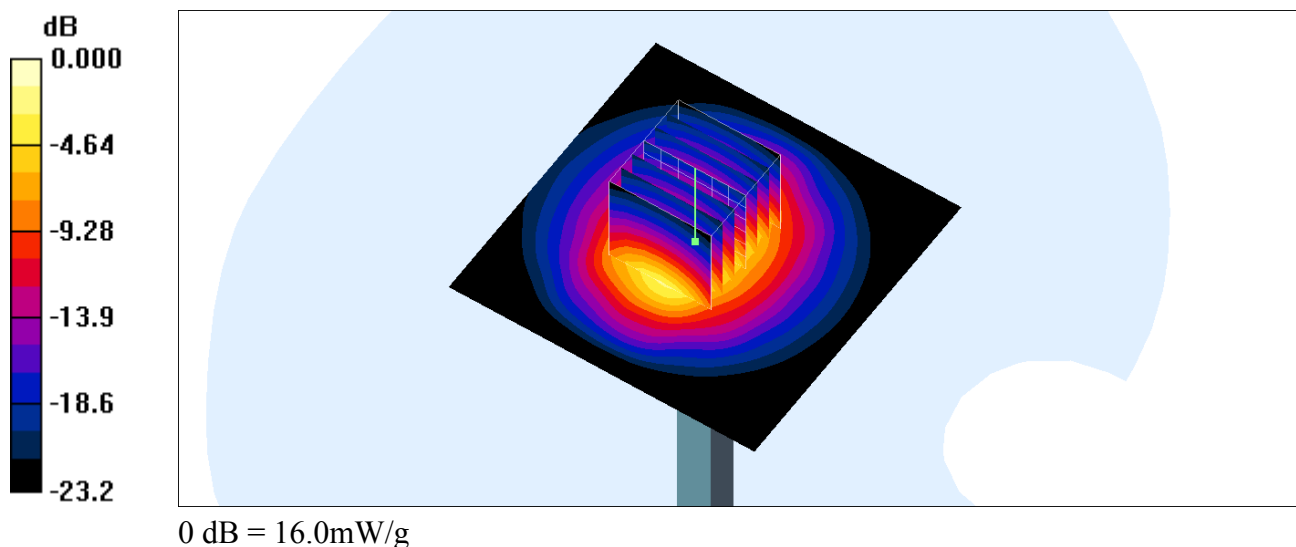
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.6 V/m; Power Drift = 0.164 dB

Peak SAR (extrapolated) = 30.5 W/kg

**SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.27 mW/g**

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





## System Check\_Body\_2450MHz\_121109

**DUT: D2450V2-SN:736**

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

Medium: MSL\_2450\_121109 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

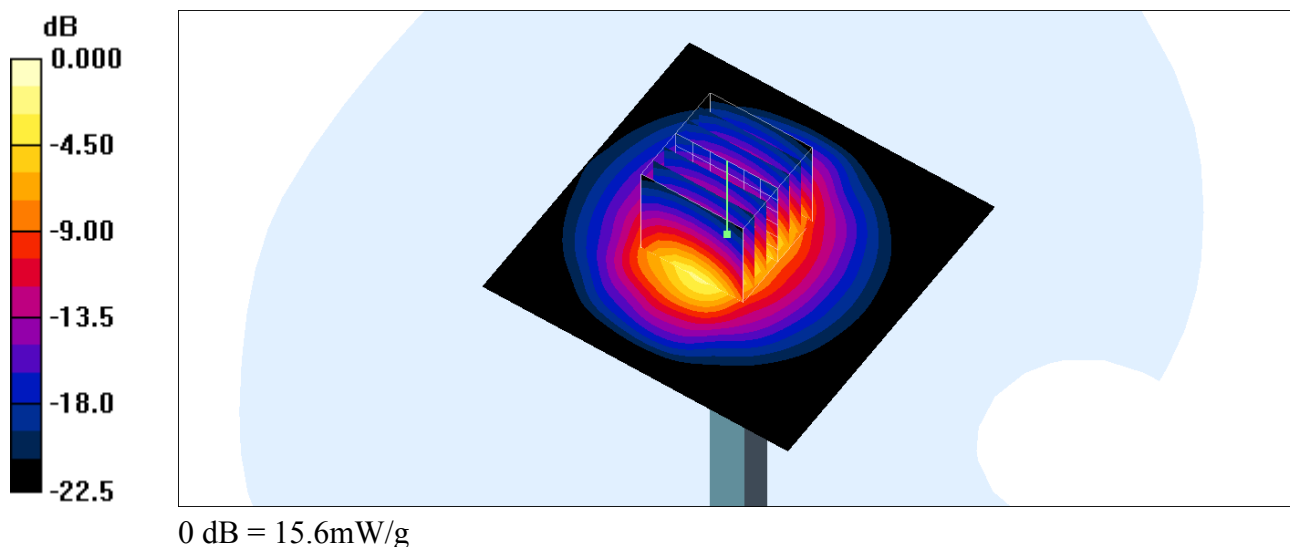
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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) = 15.5 mW/g

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 83.3 V/m; Power Drift = 0.150 dB  
 Peak SAR (extrapolated) = 29.9 W/kg  
**SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.16 mW/g**  
 Maximum value of SAR (measured) = 15.6 mW/g



## System Check\_Head\_5200MHz\_121109

### DUT: D5GHzV2-SN:1006

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

Medium: HSL\_5G\_121109 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.777$  mho/m;  $\epsilon_r = 35.313$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 33.7 mW/g

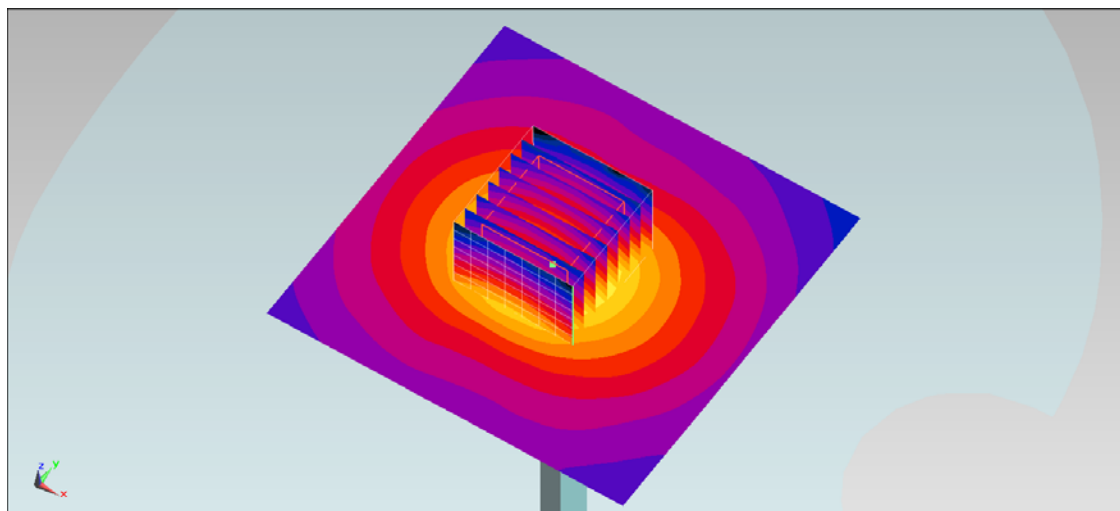
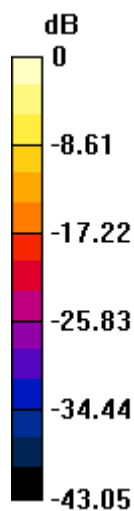
**Configuration/Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 81.998 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 76.968 mW/g

**SAR(1 g) = 20.6 mW/g; SAR(10 g) = 5.75 mW/g**

Maximum value of SAR (measured) = 29.9 mW/g



0 dB = 29.9 mW/g = 29.51 dB mW/g

## System Check\_Head\_5200MHz\_121113

**DUT: D5GHzV2-SN:1006**

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

Medium: HSL\_5G\_121113 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.772$  mho/m;  $\epsilon_r = 35.389$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.86, 4.86, 4.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 42.7 mW/g

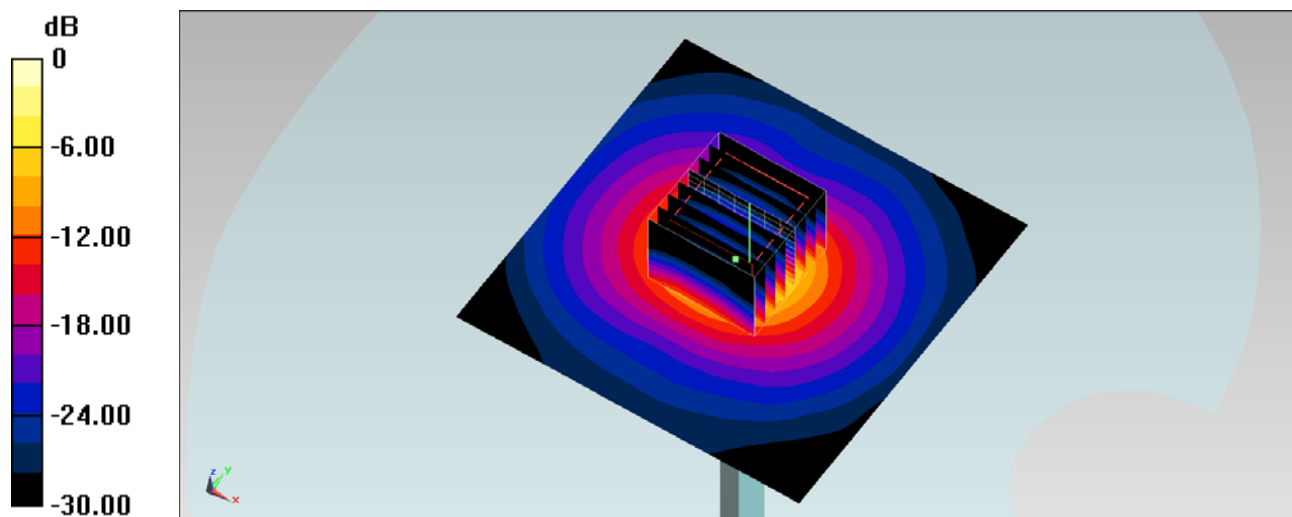
**Configuration/Pin=250mW/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 92.502 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 114.1 mW/g

**SAR(1 g) = 20 mW/g; SAR(10 g) = 5.52 mW/g**

Maximum value of SAR (measured) = 37.9 mW/g



0 dB = 37.9 mW/g = 31.57 dB mW/g

## System Check\_Body\_5200MHz\_121109

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_121109 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.257$  mho/m;  $\epsilon_r = 47.536$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- 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) = 39.4 W/kg

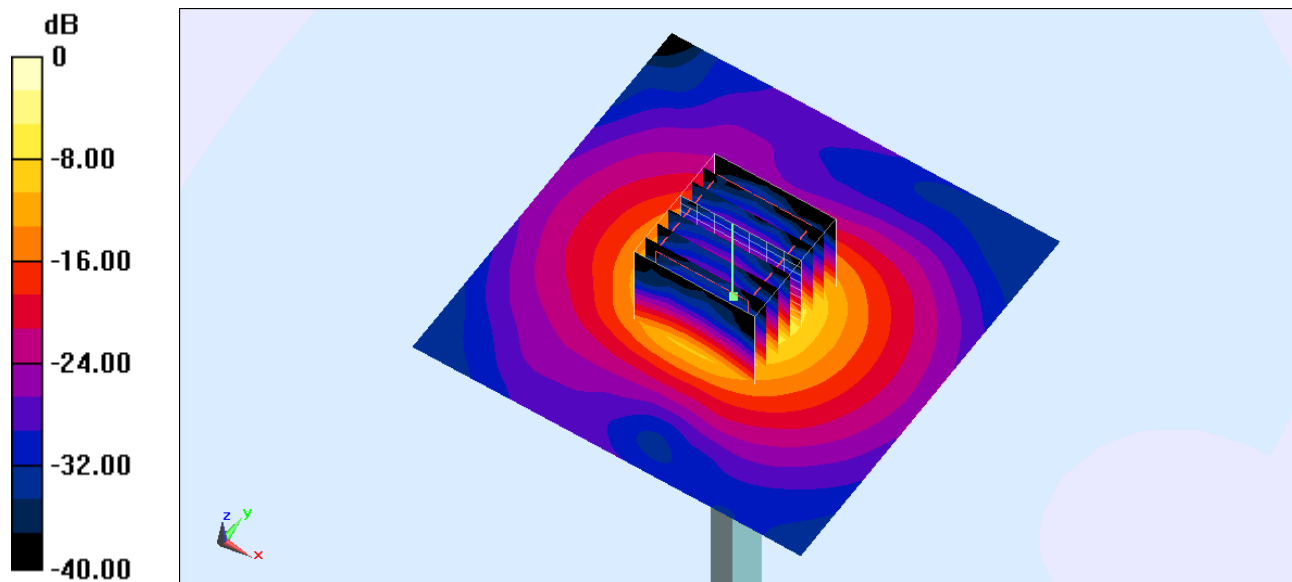
**Pin=250mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 84.373 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 83.4 W/kg

**SAR(1 g) = 18.5 W/kg; SAR(10 g) = 5.11 W/kg**

Maximum value of SAR (measured) = 37.6 W/kg



0 dB = 37.6 W/kg

## System Check\_Body\_5200MHz\_121115

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_121115 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.241$  mho/m;  $\epsilon_r = 47.528$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 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: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 35.8 W/kg

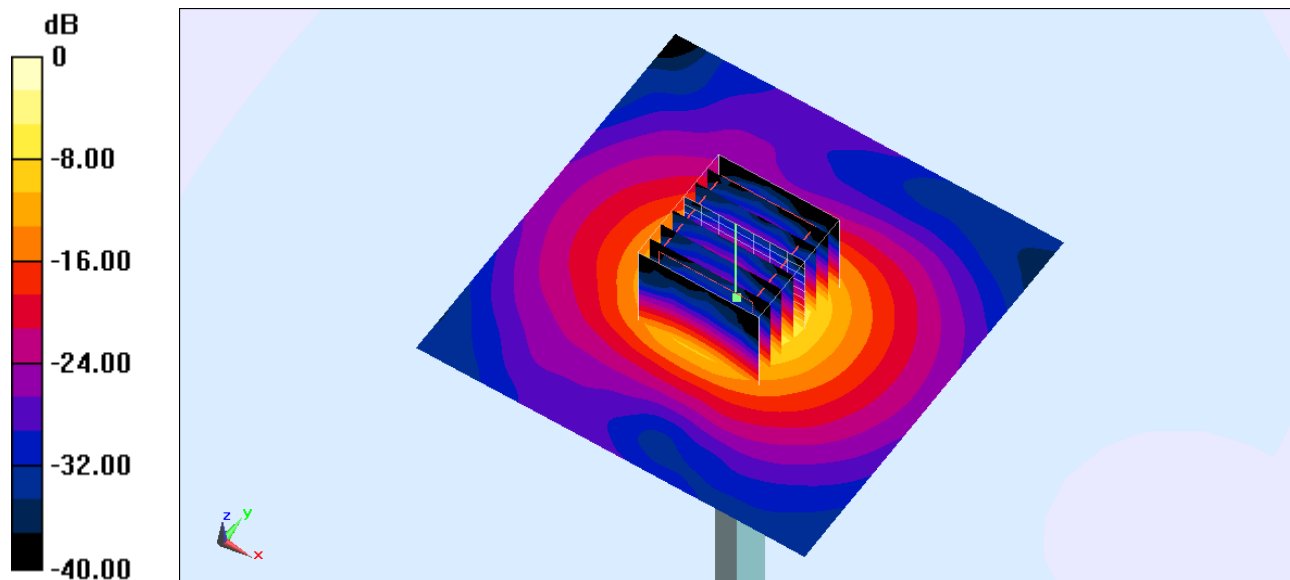
**Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 82.030 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 71.2 W/kg

**SAR(1 g) = 16.7 W/kg; SAR(10 g) = 4.63 W/kg**

Maximum value of SAR (measured) = 34.0 W/kg



0 dB = 34.0 W/kg = 15.31 dBW/kg

**System Check\_Head\_5500MHz\_121113****DUT: D5GHzV2-SN:1006**

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

Medium: HSL\_5G\_121113 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.091$  mho/m;  $\epsilon_r = 34.897$ ;  $\rho =$  $1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.6, 4.6, 4.6); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

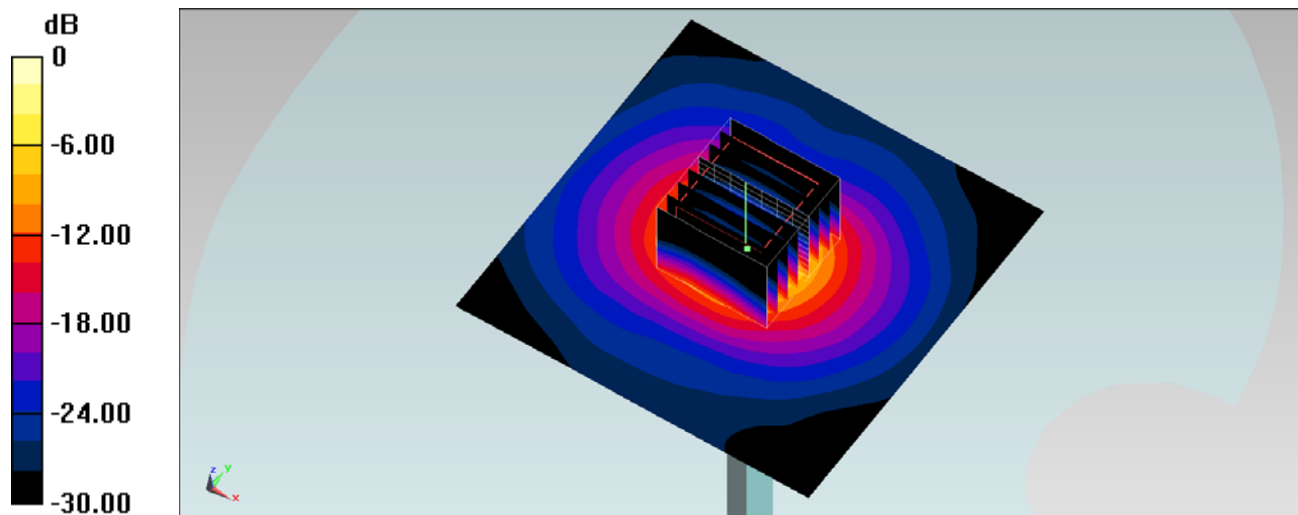
**Configuration/Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 46.6 mW/g**Configuration/Pin=250mW/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 91.040 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 133.0 mW/g

**SAR(1 g) = 22.2 mW/g; SAR(10 g) = 6.08 mW/g**

Maximum value of SAR (measured) = 43.9 mW/g



0 dB = 43.9 mW/g = 32.85 dB mW/g

## System Check\_Body\_5500MHz\_121115

**DUT: D5GHzV2-SN:1006**

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

Medium: MSL\_5G\_121109 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.645$  mho/m;  $\epsilon_r = 47.008$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 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: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 38.7 W/kg

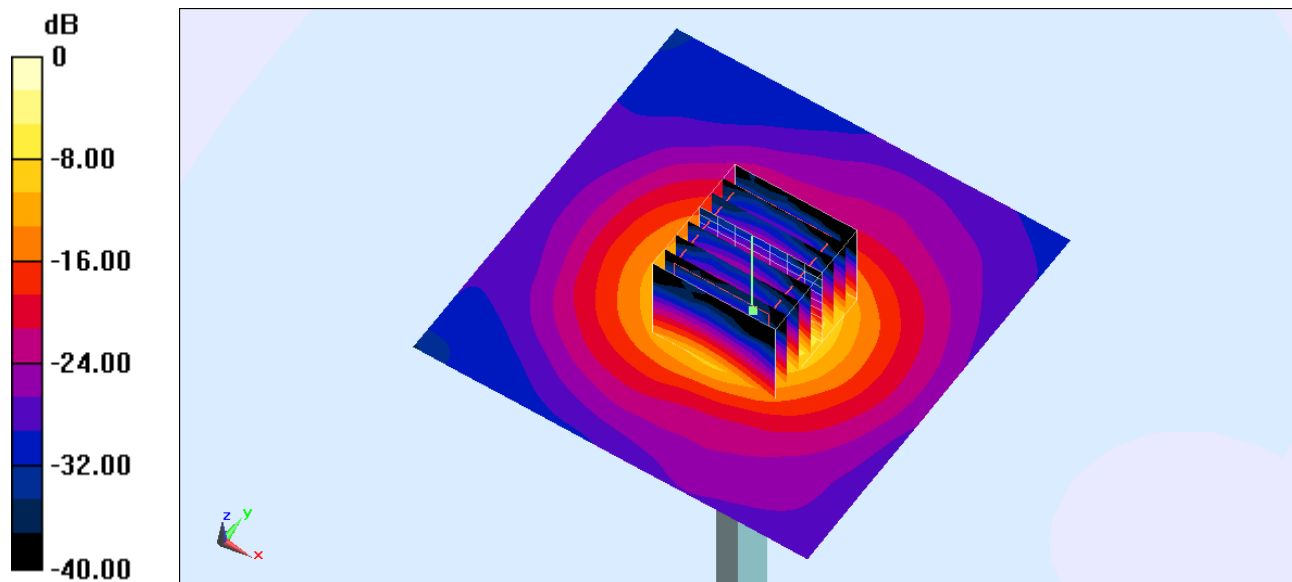
**Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 73.295 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 74.8 W/kg

**SAR(1 g) = 18.2 W/kg; SAR(10 g) = 5.03 W/kg**

Maximum value of SAR (measured) = 38.1 W/kg



0 dB = 38.1 W/kg = 15.81 dBW/kg

## System Check\_Head\_5800MHz\_121113

**DUT: D5GHzV2-SN:1006**

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

Medium: HSL\_5G\_121113 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.375$  mho/m;  $\epsilon_r = 34.281$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 47.9 mW/g

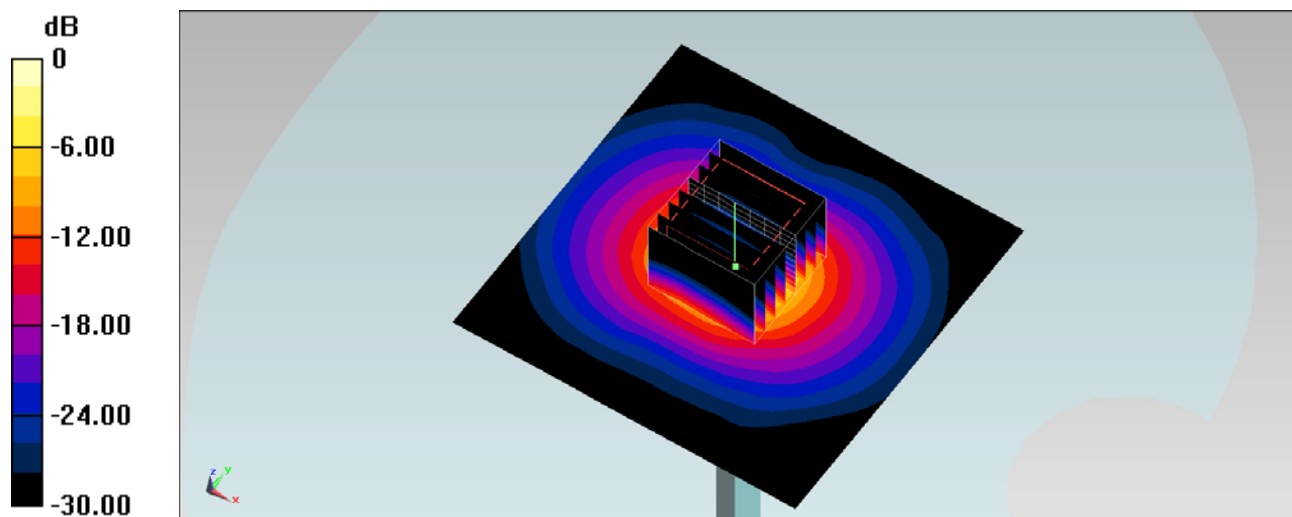
**Configuration/Pin=250mW/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 59.687 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 120.6 mW/g

**SAR(1 g) = 20.8 mW/g; SAR(10 g) = 5.76 mW/g**

Maximum value of SAR (measured) = 42.3 mW/g





## System Check\_Body\_5800MHz\_121115

**DUT: D5GHzV2-SN:1006**

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

Medium: MSL\_5G\_121115 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.144 \text{ mho/m}$ ;  $\epsilon_r = 46.492$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 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: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

**Configuration/Pin=250mW/Area Scan (91x91x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 40.8 W/kg

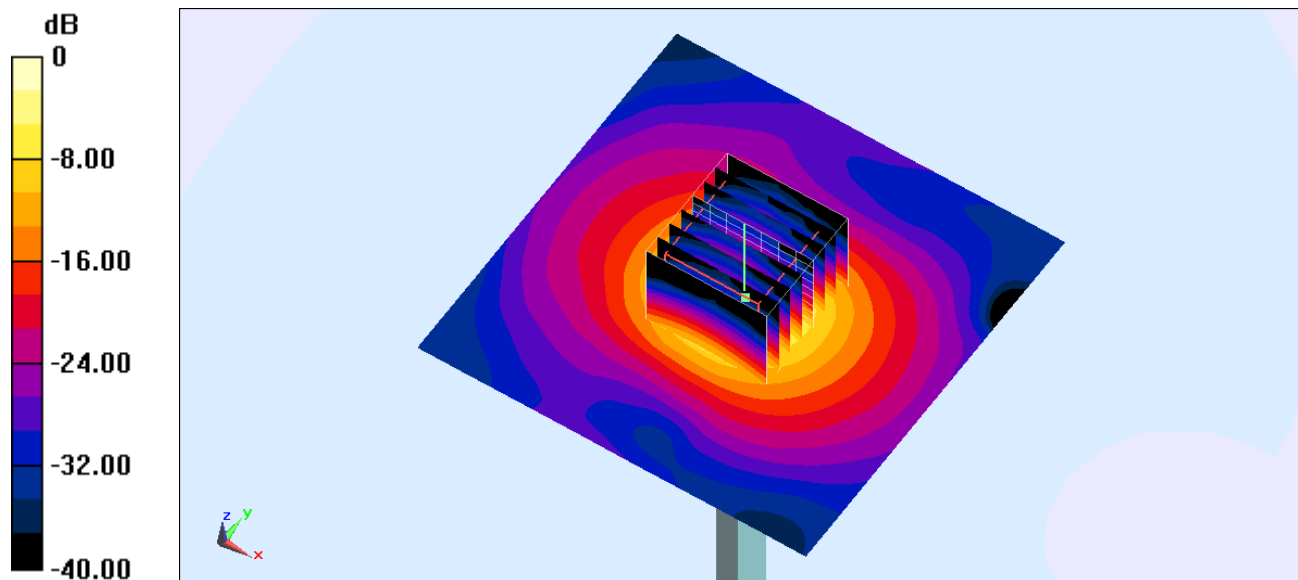
**Configuration/Pin=250mW/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 82.867 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 78.1 W/kg

**SAR(1 g) = 19.2 W/kg; SAR(10 g) = 5.33 W/kg**

Maximum value of SAR (measured) = 39.9 W/kg



0 dB = 39.9 W/kg = 16.01 dBW/kg