

## System Check\_Body\_750MHz\_130911

### DUT: D750V3-SN:1012

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

Medium: MSL\_750\_130911 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.965$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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) = 3.04 mW/g

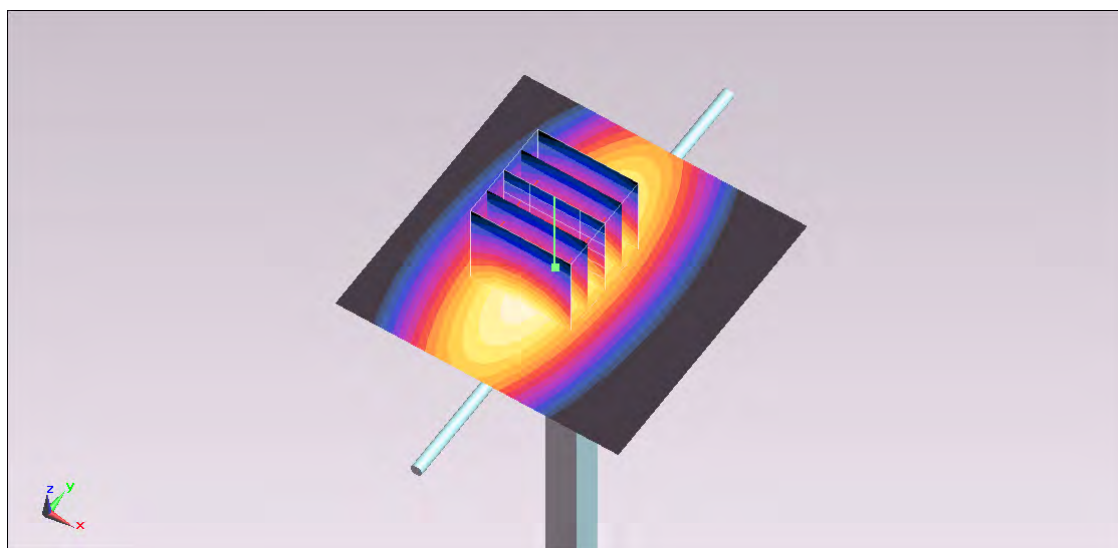
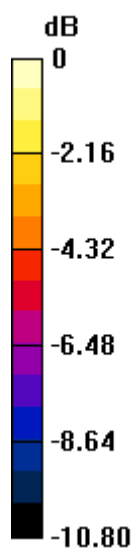
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.868 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.594 mW/g

**SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.59 mW/g**

Maximum value of SAR (measured) = 3.05 mW/g



0 dB = 3.05 mW/g = 9.69 dB mW/g

## System Check\_Body\_750MHz\_130913

**DUT: D750V3-SN:1012**

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

Medium: MSL\_750\_130913 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 54.642$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: ES3DV3 - SN3071; ConvF(5.88, 5.88, 5.88); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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) = 2.55 mW/g

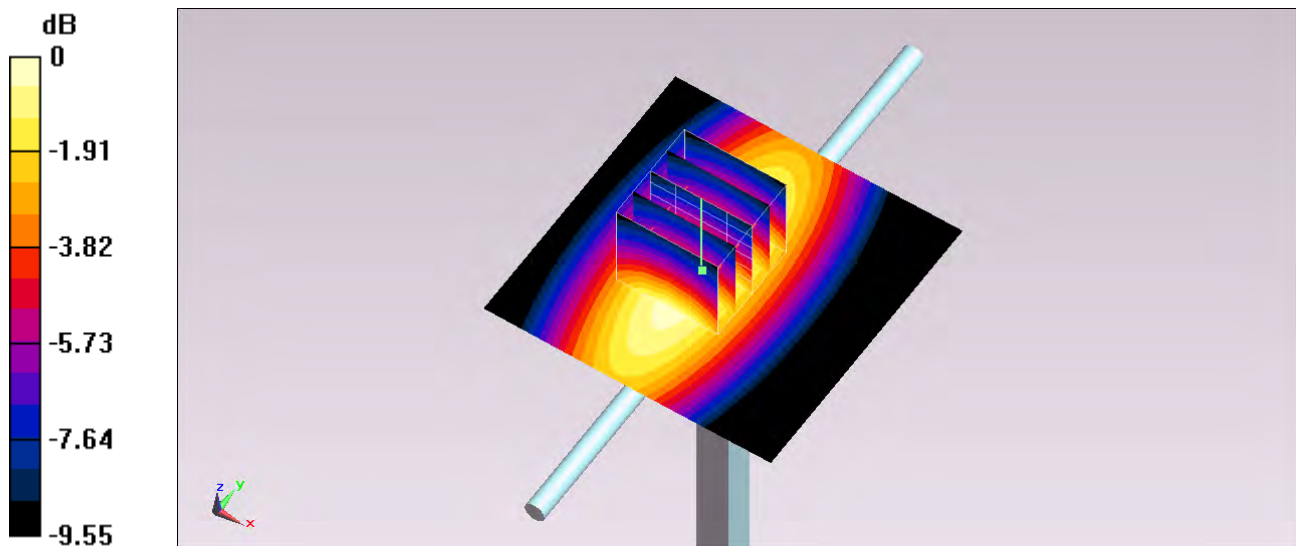
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.529 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.220 mW/g

**SAR(1 g) = 2.24 mW/g; SAR(10 g) = 1.5 mW/g**

Maximum value of SAR (measured) = 2.60 mW/g



0 dB = 2.60 mW/g = 8.30 dB mW/g

## System Check\_Body\_750MHz\_130913

**DUT: D750V3-SN:1012**

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

Medium: MSL\_750\_130913 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 54.642$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) = 2.89 mW/g

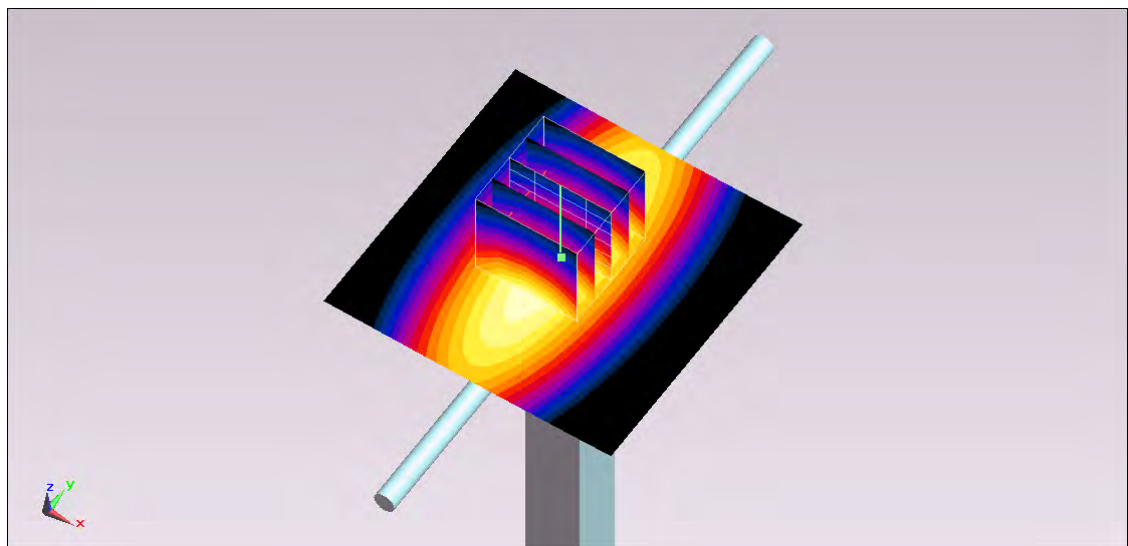
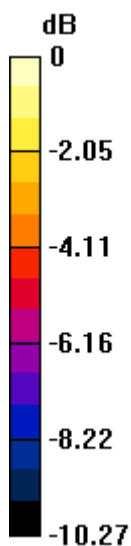
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.483 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.420 mW/g

**SAR(1 g) = 2.33 mW/g; SAR(10 g) = 1.56 mW/g**

Maximum value of SAR (measured) = 2.91 mW/g



0 dB = 2.91 mW/g = 9.28 dB mW/g

## System Check\_Body\_835MHz\_130909

**DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130909 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.995 \text{ mho/m}$ ;  $\epsilon_r = 54.886$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) =  $2.86 \text{ mW/g}$

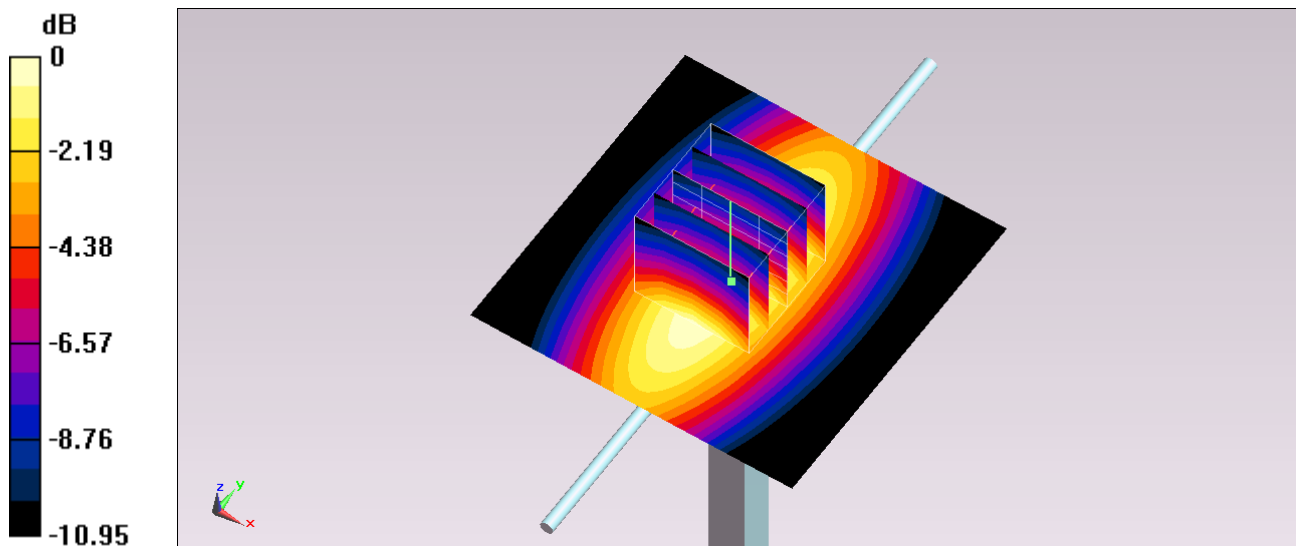
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $54.511 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $3.384 \text{ mW/g}$

**SAR(1 g) =  $2.23 \text{ mW/g}$ ; SAR(10 g) =  $1.45 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.85 \text{ mW/g}$



$0 \text{ dB} = 2.85 \text{ mW/g} = 9.10 \text{ dB mW/g}$

**System Check\_Body\_835MHz\_130913****DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130913 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 52.753$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: ES3DV3 - SN3071; ConvF(5.8, 5.8, 5.8); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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) = 2.76 mW/g

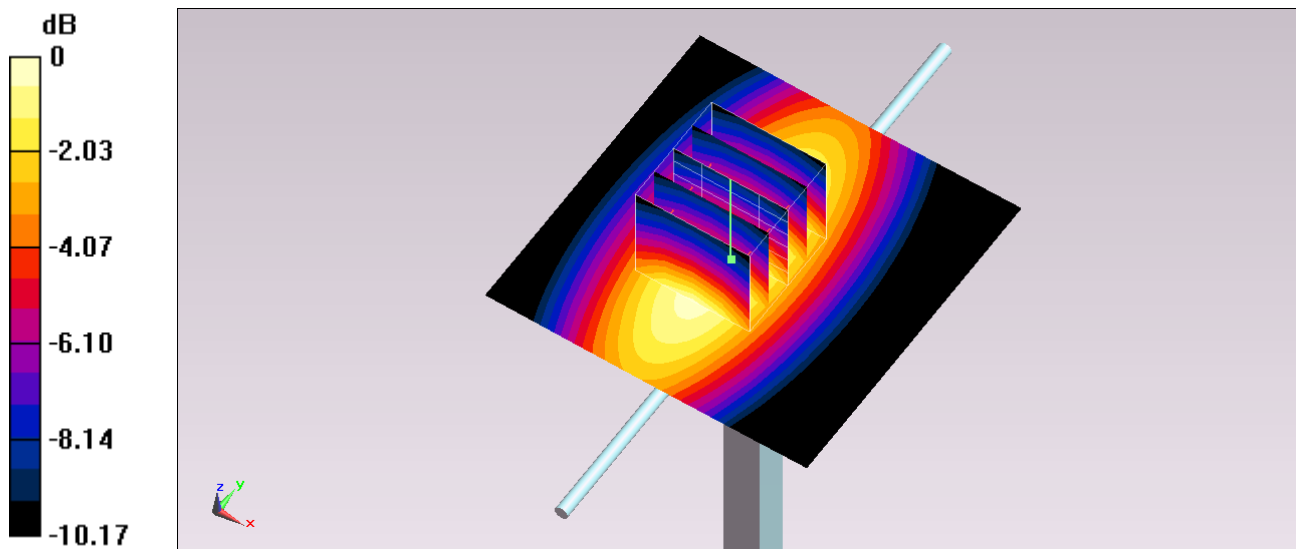
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm,  
dy=8mm, dz=5mm

Reference Value = 54.419 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.474 mW/g

**SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.58 mW/g**

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



0 dB = 2.79 mW/g = 8.91 dB mW/g

## System Check\_Body\_835MHz\_130913

**DUT: D835V2-SN:499**

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

Medium: MSL\_850\_130913 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.954 \text{ mho/m}$ ;  $\epsilon_r = 52.753$ ;  $\rho =$

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

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) =  $2.74 \text{ mW/g}$

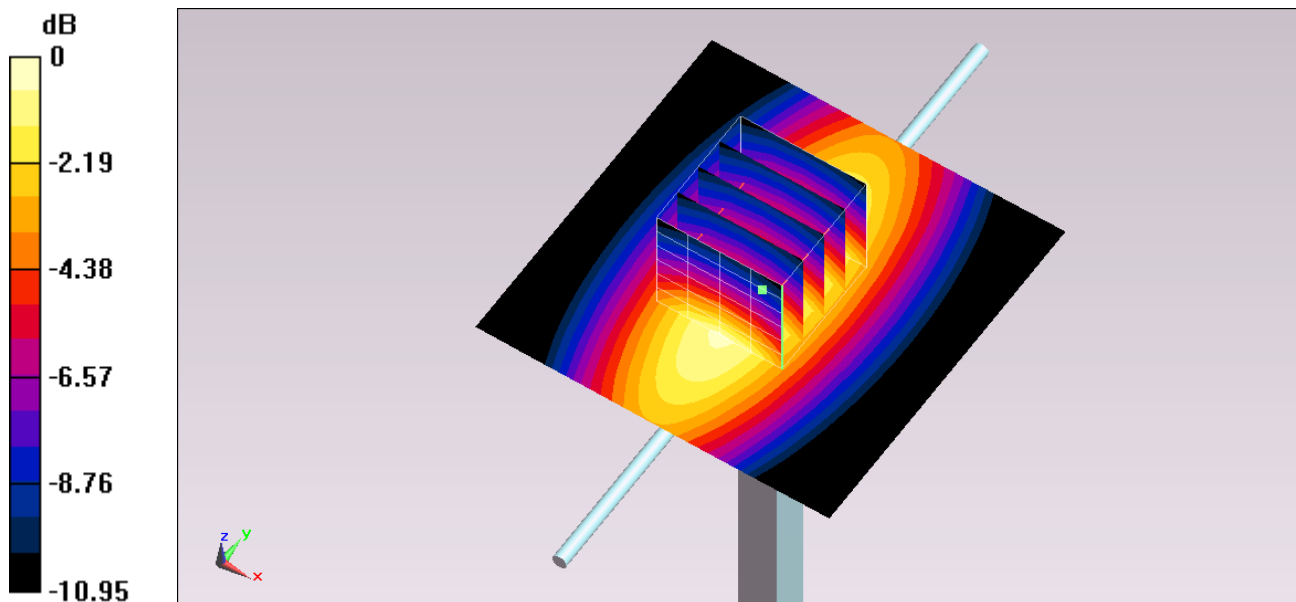
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $54.511 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$

Peak SAR (extrapolated) =  $3.428 \text{ mW/g}$

**SAR(1 g) =  $2.27 \text{ mW/g}$ ; SAR(10 g) =  $1.47 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.90 \text{ mW/g}$



$0 \text{ dB} = 2.90 \text{ mW/g} = 9.25 \text{ dB mW/g}$

## System Check\_Body\_1750MHz\_130911

### DUT: D1750V2-SN:1068

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

Medium: MSL\_1750\_130911 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.508$  mho/m;  $\epsilon_r = 52.41$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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) = 14.0 mW/g

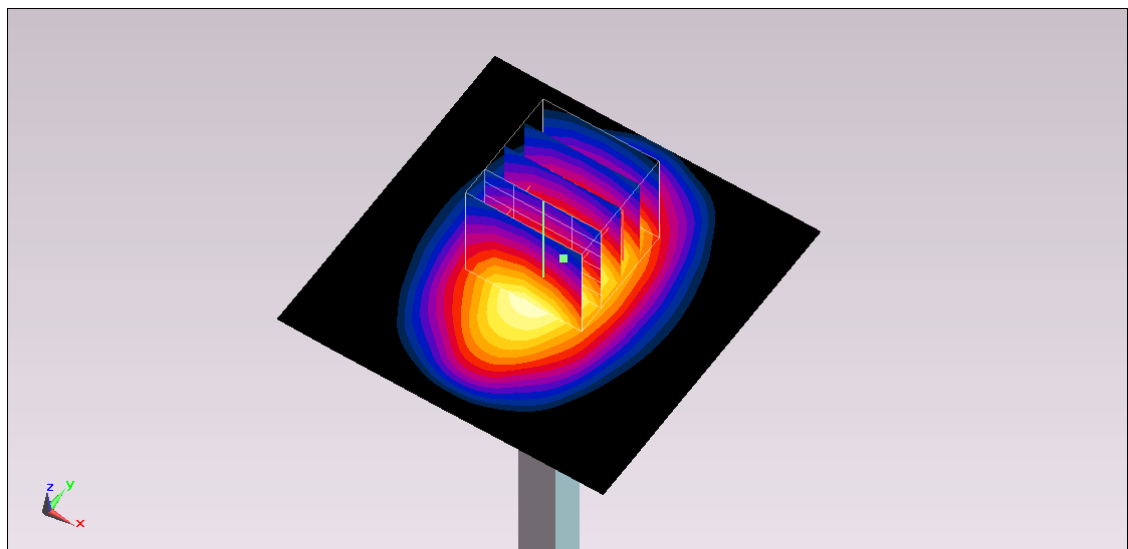
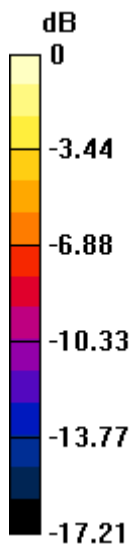
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.283 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 16.852 mW/g

**SAR(1 g) = 9.43 mW/g; SAR(10 g) = 5.14 mW/g**

Maximum value of SAR (measured) = 12.9 mW/g



0 dB = 12.9 mW/g = 22.21 dB mW/g

## System Check\_Body\_1750MHz\_130913

**DUT: D1750V2-SN:1068**

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

Medium: MSL\_1750\_130913 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.526 \text{ mho/m}$ ;  $\epsilon_r = 52.021$ ;  $\rho$

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

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:0

- Probe: ES3DV3 - SN3071; ConvF(4.49, 4.49, 4.49); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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) =  $12.3 \text{ mW/g}$

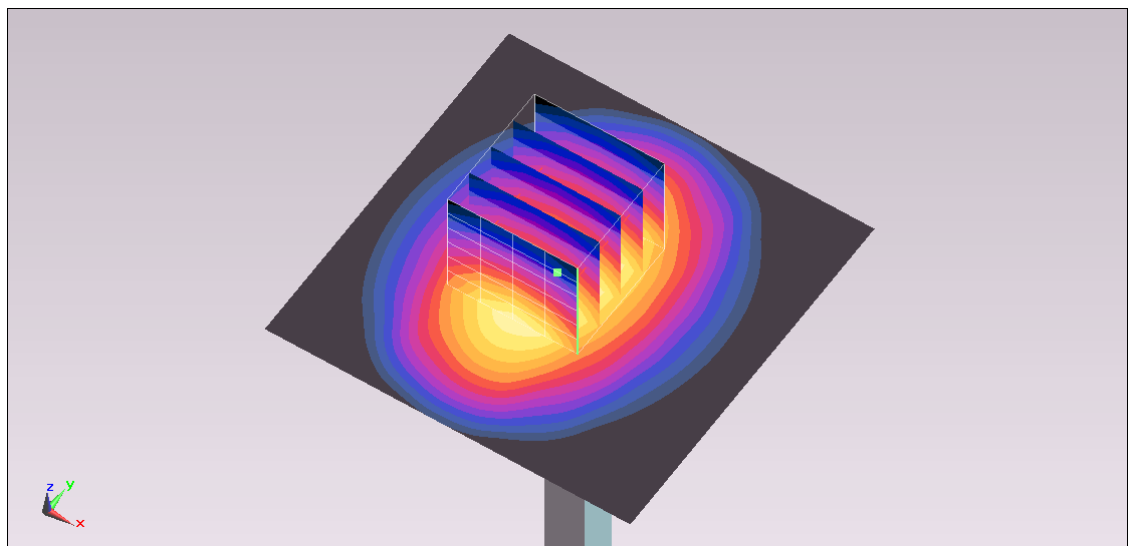
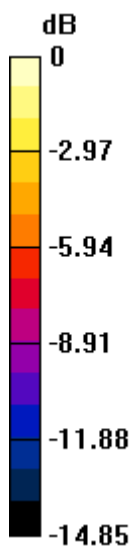
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $89.380 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $14.446 \text{ mW/g}$

**SAR(1 g) =  $9.9 \text{ mW/g}$ ; SAR(10 g) =  $6.09 \text{ mW/g}$**

Maximum value of SAR (measured) =  $12.2 \text{ mW/g}$



0 dB =  $12.2 \text{ mW/g}$  =  $21.73 \text{ dB mW/g}$



## System Check\_Body\_1900MHz\_130912

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

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

Medium: MSL\_1900\_130912 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.526$  S/m;  $\epsilon_r = 52.813$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.5 W/kg

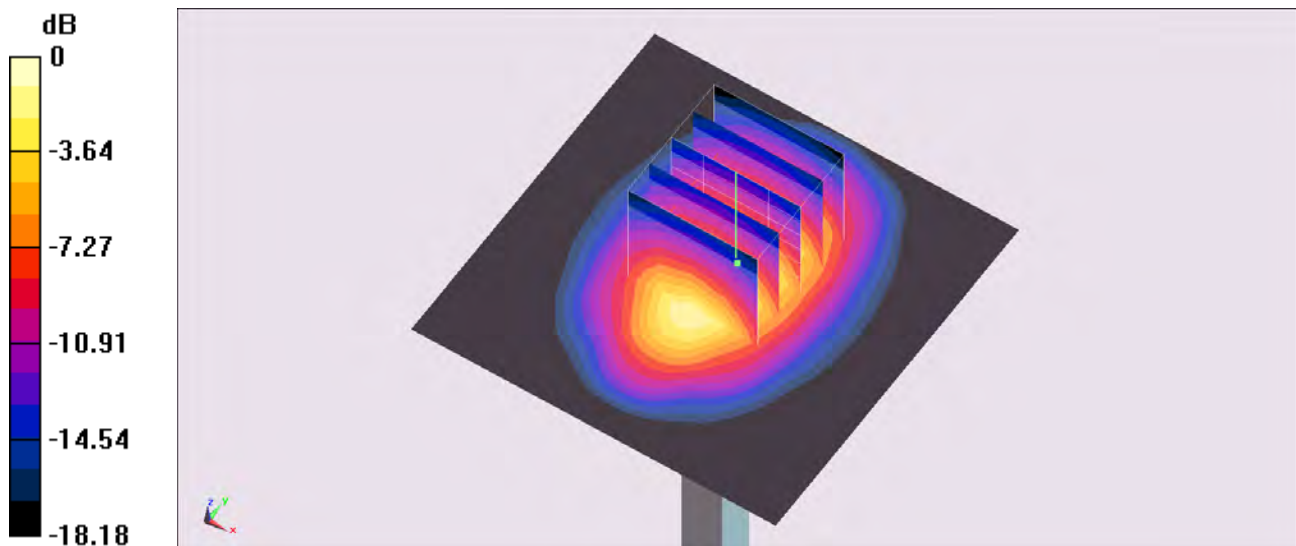
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.188 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 17.9 W/kg

**SAR(1 g) = 9.92 W/kg; SAR(10 g) = 5.16 W/kg**

Maximum value of SAR (measured) = 14.1 W/kg



0 dB = 14.1 W/kg = 11.49 dBW/kg

## System Check\_Body\_1900MHz\_130912

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

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

Medium: MSL\_1900\_130912 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 52.813$ ;  $\rho$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) = 14.3 mW/g

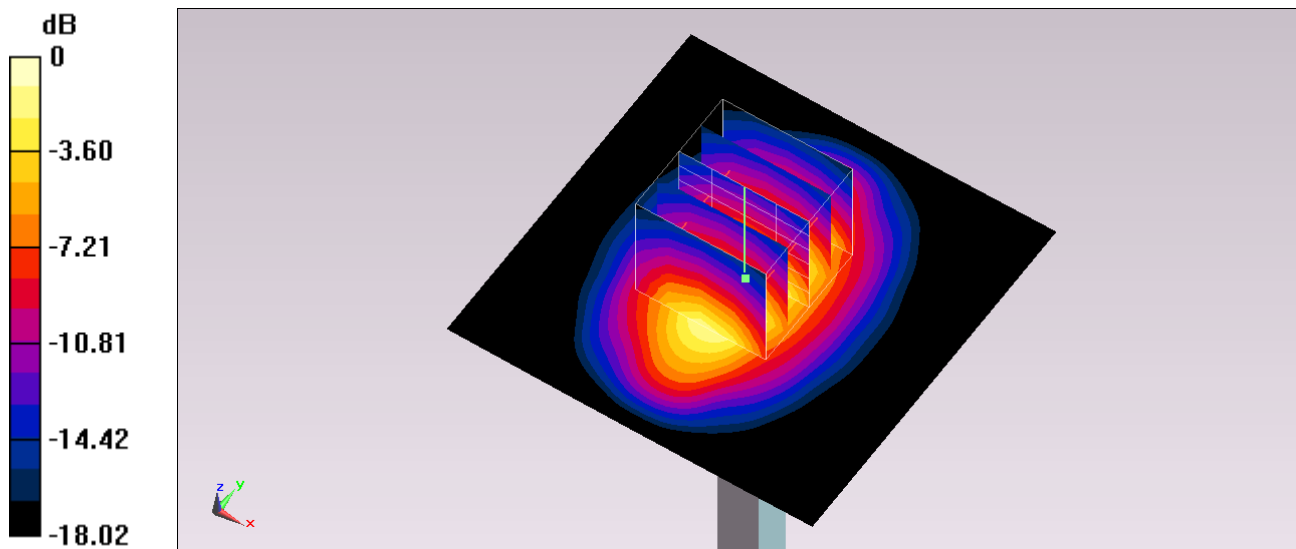
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.647 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 17.893 mW/g

**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.25 mW/g**

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



0 dB = 14.0 mW/g = 22.92 dB mW/g

## System Check\_Body\_1900MHz\_130917

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

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

Medium: MSL\_1900\_130917 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.532 \text{ mho/m}$ ;  $\epsilon_r = 52.328$ ;  $\rho$

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

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/6/18;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- 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) =  $15.0 \text{ mW/g}$

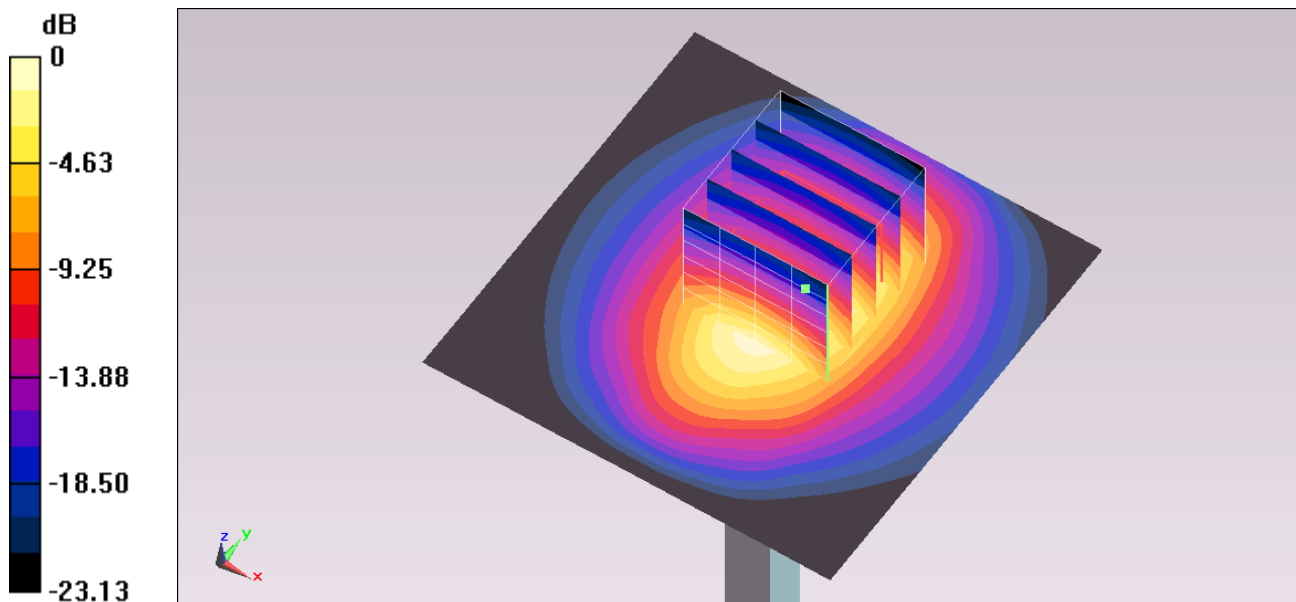
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $93.035 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $21.132 \text{ mW/g}$

**SAR(1 g) =  $10.9 \text{ mW/g}$ ; SAR(10 g) =  $5.19 \text{ mW/g}$**

Maximum value of SAR (measured) =  $14.1 \text{ mW/g}$



0 dB =  $14.1 \text{ mW/g} = 22.98 \text{ dB mW/g}$

## System Check\_Body\_2450MHz\_130729

### DUT: D2450V2-SN:869

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 53.849$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) = 21.9 mW/g

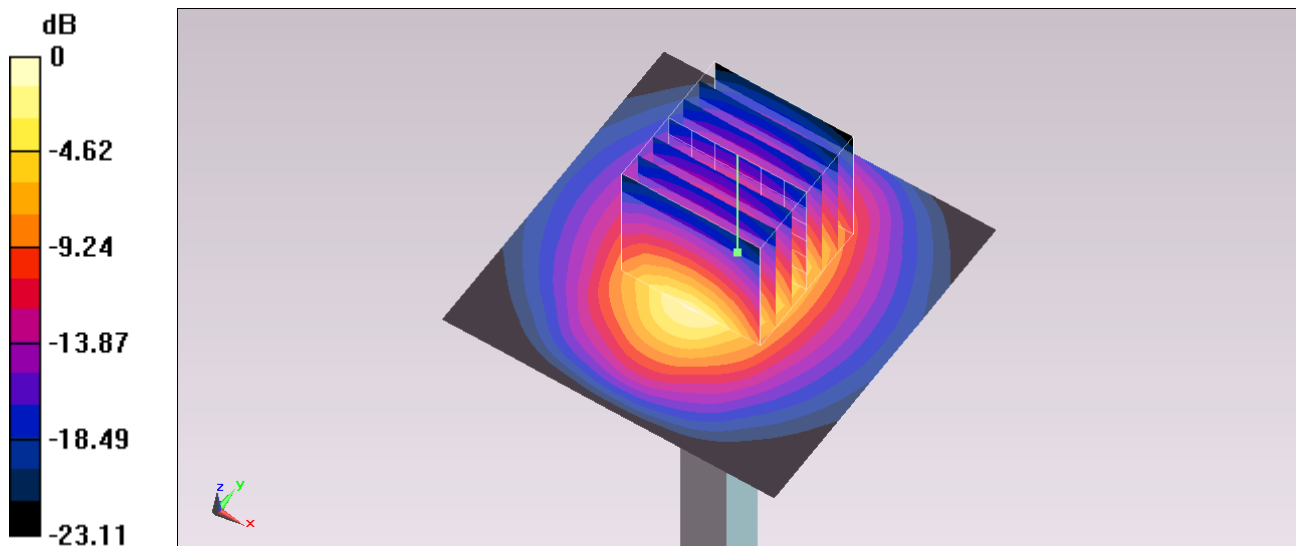
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.215 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 27.931 mW/g

**SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.89 mW/g**

Maximum value of SAR (measured) = 19.6 mW/g



0 dB = 19.6 mW/g = 25.85 dB mW/g

## System Check\_Body\_2450MHz\_130801

### DUT: D2450V2-SN:869

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

Medium: MSL\_2450\_130801 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.968$  S/m;  $\epsilon_r = 50.766$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); 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 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 18.0 W/kg

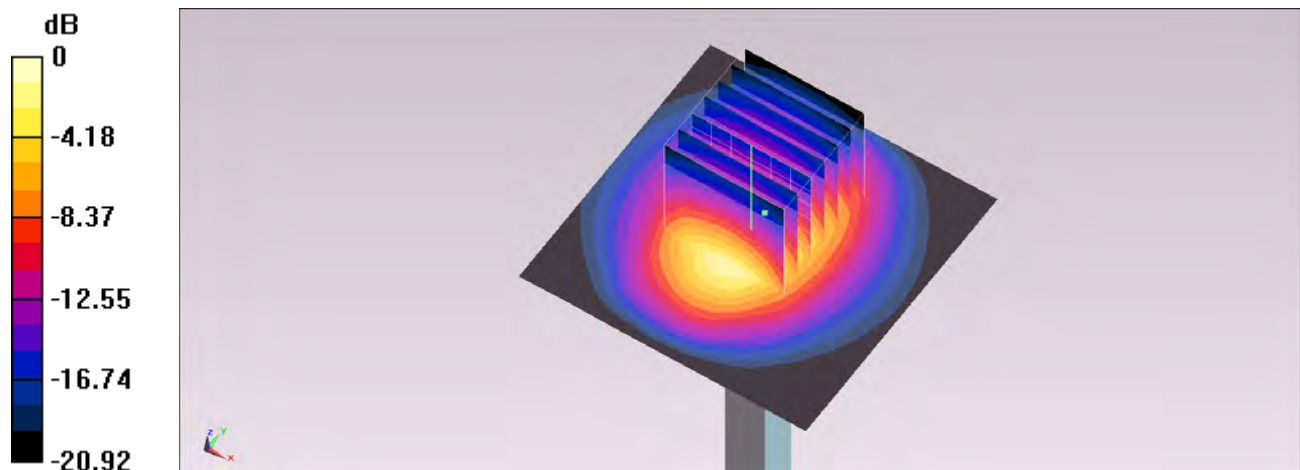
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.762 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 27.3 W/kg

**SAR(1 g) = 13 W/kg; SAR(10 g) = 6.06 W/kg**

Maximum value of SAR (measured) = 16.9 W/kg



0 dB = 16.9 W/kg = 12.28 dBW/kg

## System Check\_Body\_5200MHz\_130726

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.131 \text{ mho/m}$ ;  $\epsilon_r = 47.488$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.41, 4.41, 4.41); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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) =  $18.2 \text{ mW/g}$

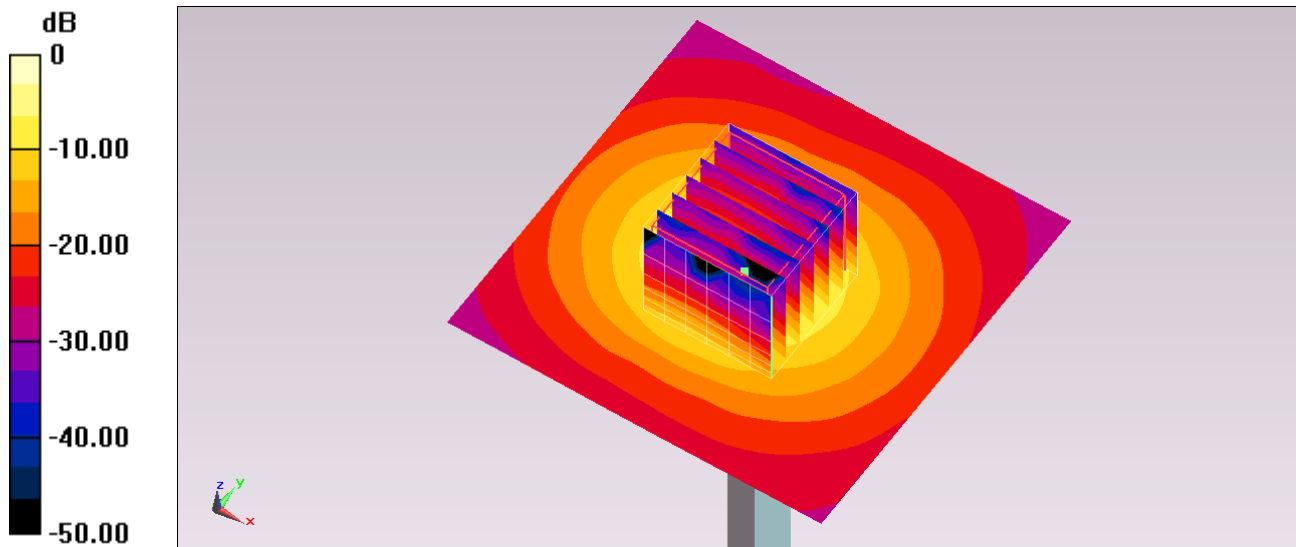
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  
 $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $47.568 \text{ V/m}$ ; Power Drift =  $0.17 \text{ dB}$

Peak SAR (extrapolated) =  $32.531 \text{ mW/g}$

**SAR(1 g) =  $7.58 \text{ mW/g}$ ; SAR(10 g) =  $2.07 \text{ mW/g}$**

Maximum value of SAR (measured) =  $19.0 \text{ mW/g}$



0 dB =  $19.0 \text{ mW/g} = 25.58 \text{ dB mW/g}$

## System Check\_Body\_5200MHz\_130802

### DUT: D5GHzV2 - SN:1006

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

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.346$  S/m;  $\epsilon_r = 47.813$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.1 W/kg

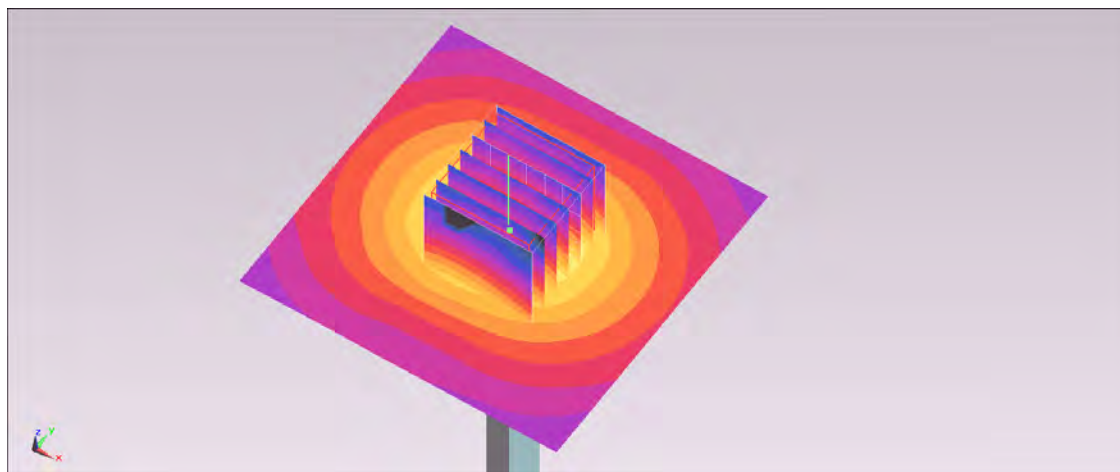
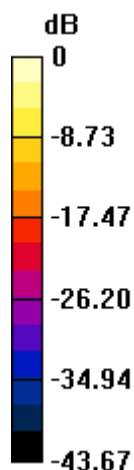
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.110 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 33.8 W/kg

**SAR(1 g) = 6.9 W/kg; SAR(10 g) = 1.88 W/kg**

Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg

## System Check\_Body\_5300MHz\_130726

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.264 \text{ mho/m}$ ;  $\epsilon_r = 47.249$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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) =  $19.2 \text{ mW/g}$

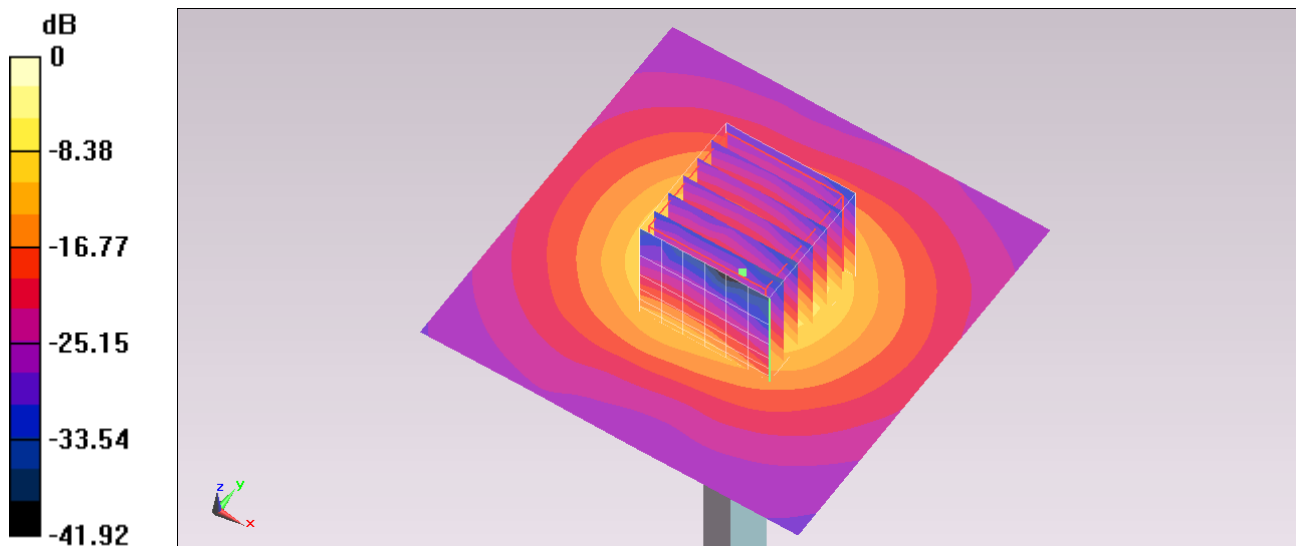
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  
 $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $46.983 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $31.672 \text{ mW/g}$

**SAR(1 g) =  $7.68 \text{ mW/g}$ ; SAR(10 g) =  $2.13 \text{ mW/g}$**

Maximum value of SAR (measured) =  $18.6 \text{ mW/g}$



$0 \text{ dB} = 18.6 \text{ mW/g} = 25.39 \text{ dB mW/g}$



## System Check\_Body\_5300MHz\_130727

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130727 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.244 \text{ mho/m}$ ;  $\epsilon_r = 47.199$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) =  $18.3 \text{ mW/g}$

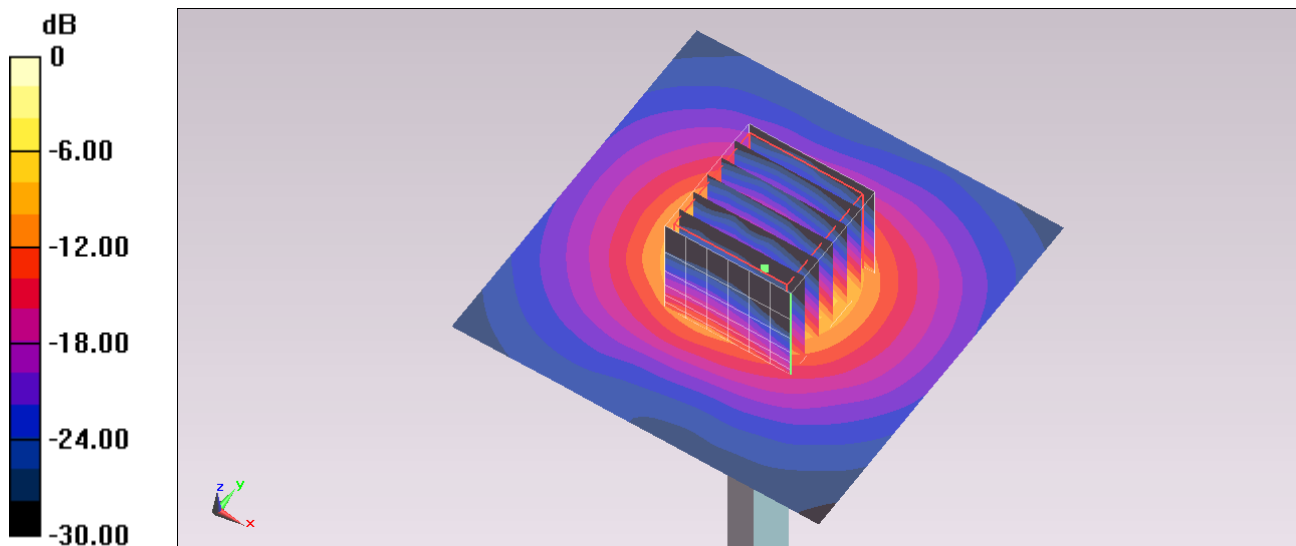
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  
 $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $47.069 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $29.016 \text{ mW/g}$

**SAR(1 g) =  $7.4 \text{ mW/g}$ ; SAR(10 g) =  $2.07 \text{ mW/g}$**

Maximum value of SAR (measured) =  $17.6 \text{ mW/g}$



$0 \text{ dB} = 17.6 \text{ mW/g} = 24.91 \text{ dB mW/g}$

## System Check\_Body\_5300MHz\_130802

### DUT: D5GHzV2 - SN:1006

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

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.47 \text{ S/m}$ ;  $\epsilon_r = 47.643$ ;  $\rho =$

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

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $18.4 \text{ W/kg}$

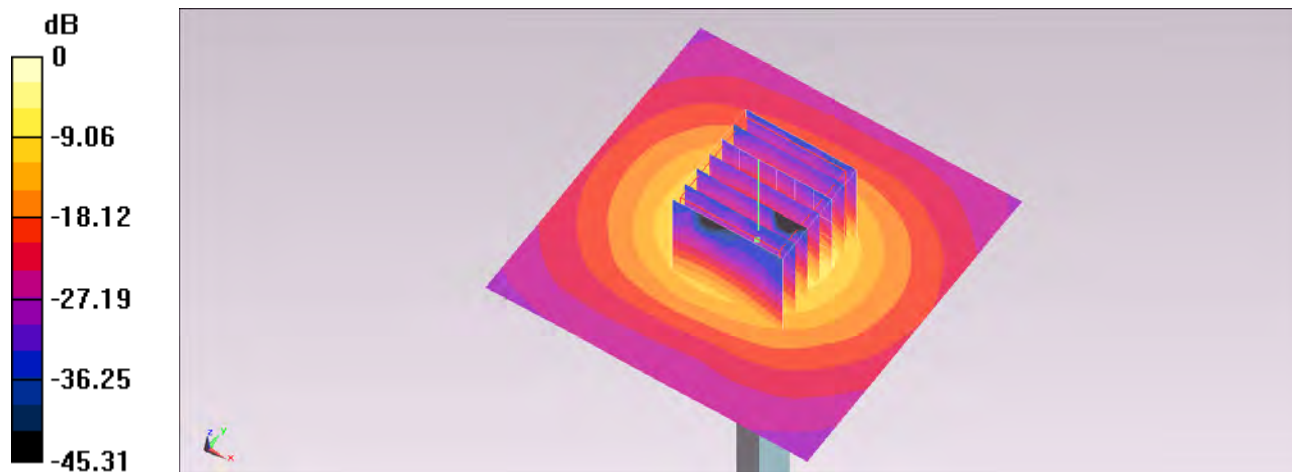
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $43.670 \text{ V/m}$ ; Power Drift =  $0.05 \text{ dB}$

Peak SAR (extrapolated) =  $35.9 \text{ W/kg}$

**SAR(1 g) =  $7 \text{ W/kg}$ ; SAR(10 g) =  $1.89 \text{ W/kg}$**

Maximum value of SAR (measured) =  $18.0 \text{ W/kg}$



0 dB =  $18.0 \text{ W/kg} = 12.55 \text{ dBW/kg}$

## System Check\_Body\_5600MHz\_130726

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.642$  S/m;  $\epsilon_r = 46.786$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

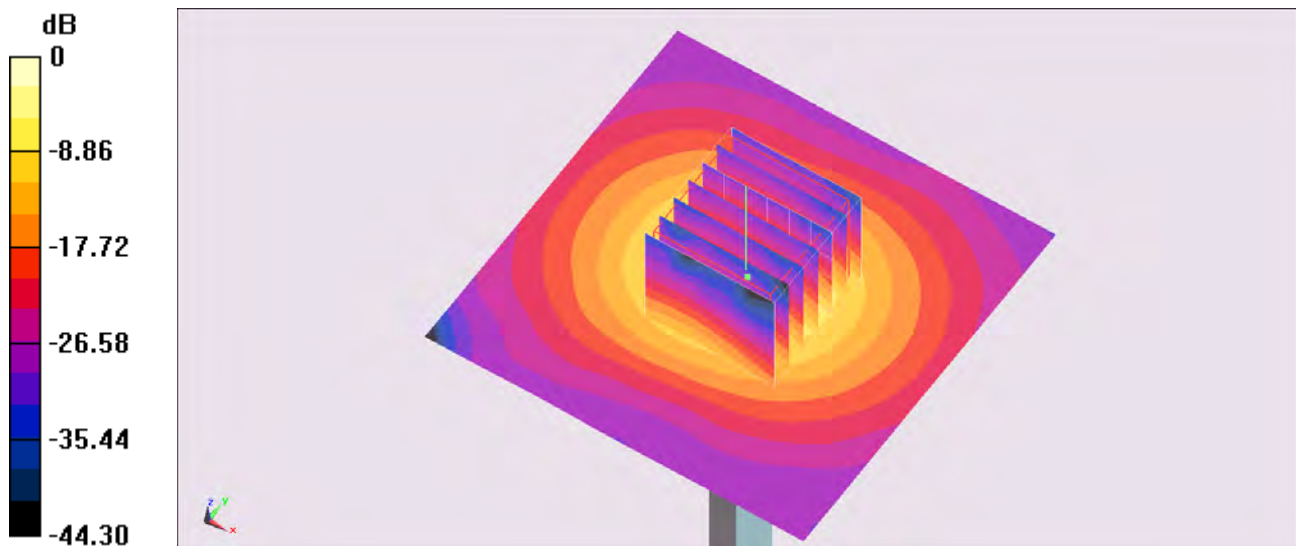
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.090 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 34.7 W/kg

**SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

**System Check\_Body\_5600MHz\_130727****DUT: D5GHzV2-SN:1006**

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

Medium: MSL\_5G\_130727 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.623$  mho/m;  $\epsilon_r = 46.749$ ;  $\rho =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) = 19.3 mW/g

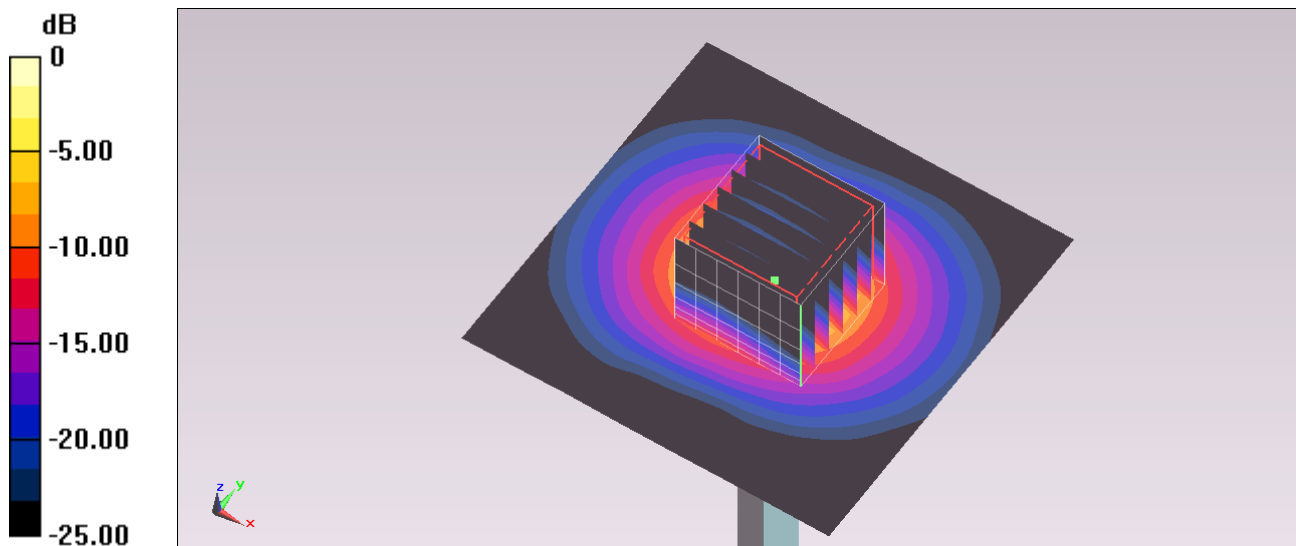
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm,  
dy=4mm, dz=1.4mm

Reference Value = 45.287 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 35.675 mW/g

**SAR(1 g) = 7.79 mW/g; SAR(10 g) = 2.14 mW/g**

Maximum value of SAR (measured) = 19.6 mW/g



## System Check\_Body\_5600MHz\_130802

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 47.179$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 21.0 W/kg

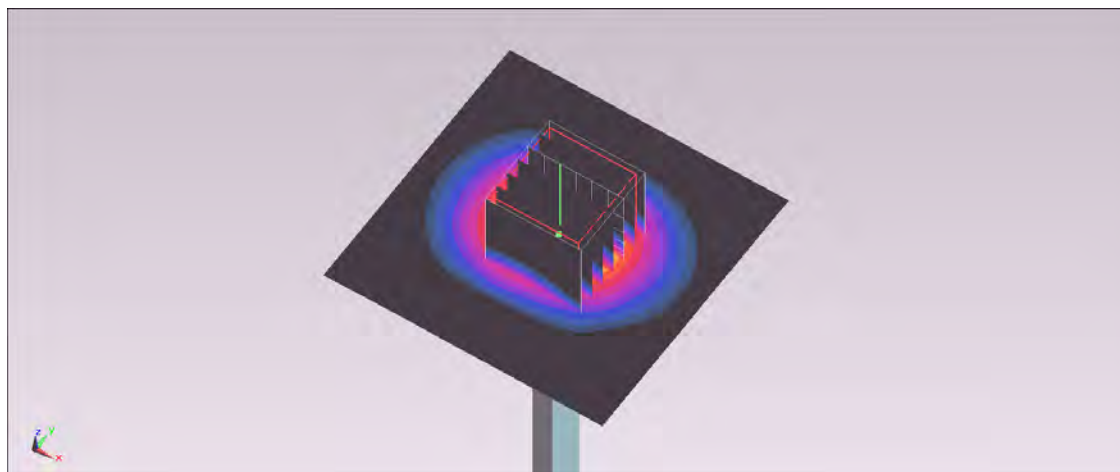
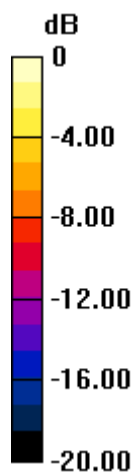
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.714 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 44.4 W/kg

**SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.12 W/kg**

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

## System Check\_Body\_5800MHz\_130726

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.981 \text{ mho/m}$ ;  $\epsilon_r = 46.515$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4, 4, 4); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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) =  $19.1 \text{ mW/g}$

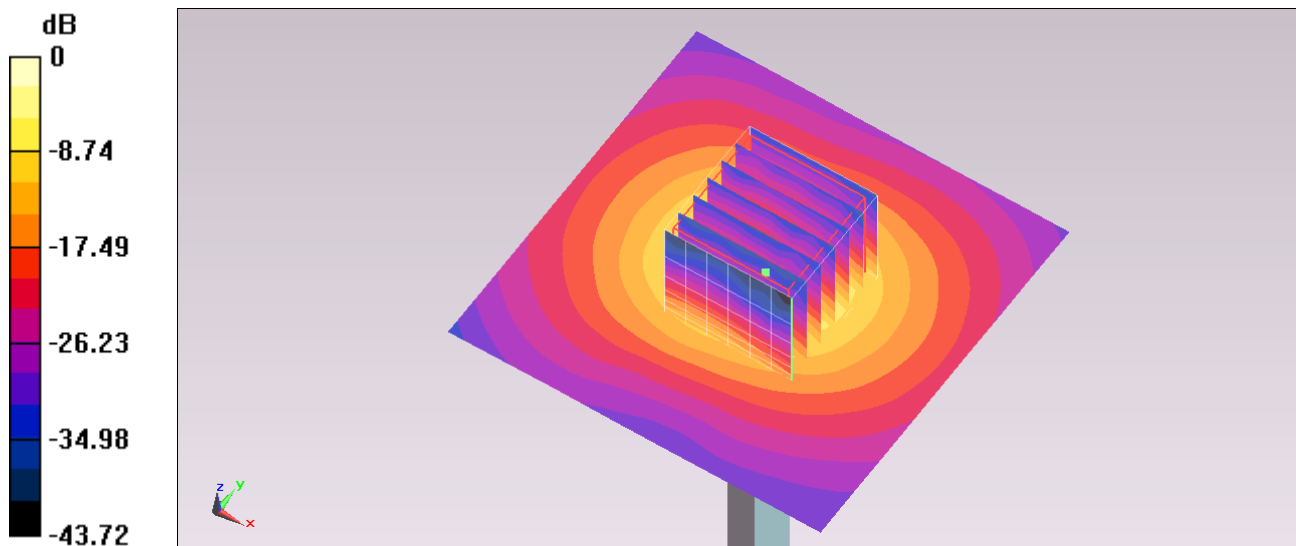
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  
 $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $44.304 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $34.886 \text{ mW/g}$

**SAR(1 g) =  $7.6 \text{ mW/g}$ ; SAR(10 g) =  $2.08 \text{ mW/g}$**

Maximum value of SAR (measured) =  $19.4 \text{ mW/g}$



0 dB =  $19.4 \text{ mW/g} = 25.76 \text{ dB mW/g}$

## System Check\_Body\_5800MHz\_130727

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130727 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.956 \text{ mho/m}$ ;  $\epsilon_r = 46.473$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- 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) =  $19.1 \text{ mW/g}$

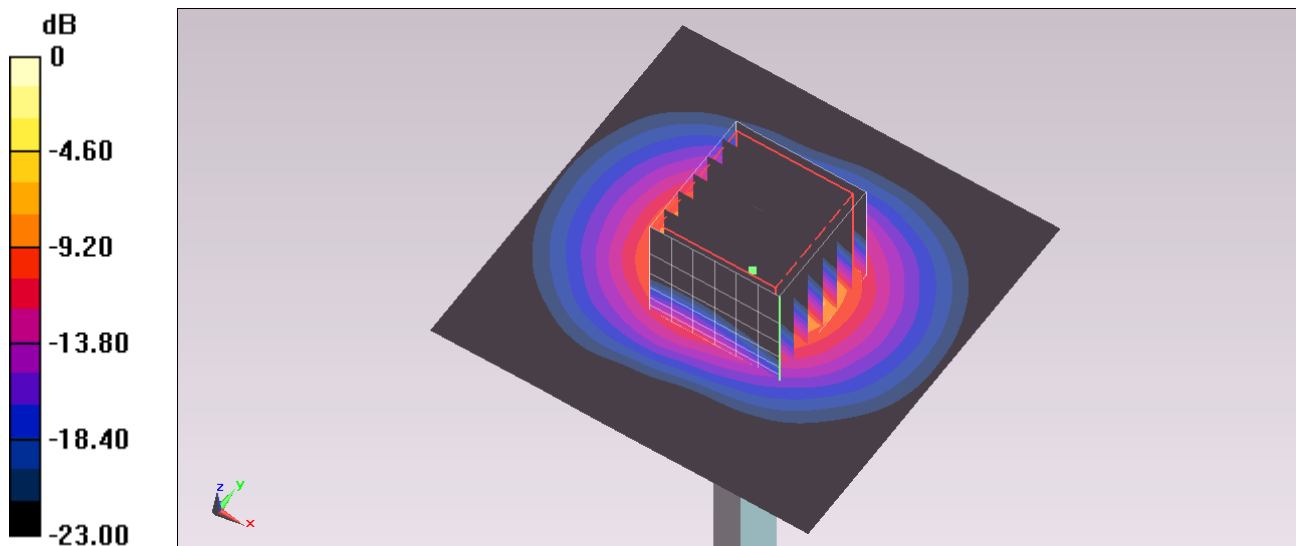
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  
 $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $44.938 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $34.377 \text{ mW/g}$

**SAR(1 g) =  $7.68 \text{ mW/g}$ ; SAR(10 g) =  $2.11 \text{ mW/g}$**

Maximum value of SAR (measured) =  $19.5 \text{ mW/g}$



$0 \text{ dB} = 19.5 \text{ mW/g} = 25.80 \text{ dB mW/g}$

## System Check\_Body\_5800MHz\_130804

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130804 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.113$  S/m;  $\epsilon_r = 47.156$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.5 W/kg

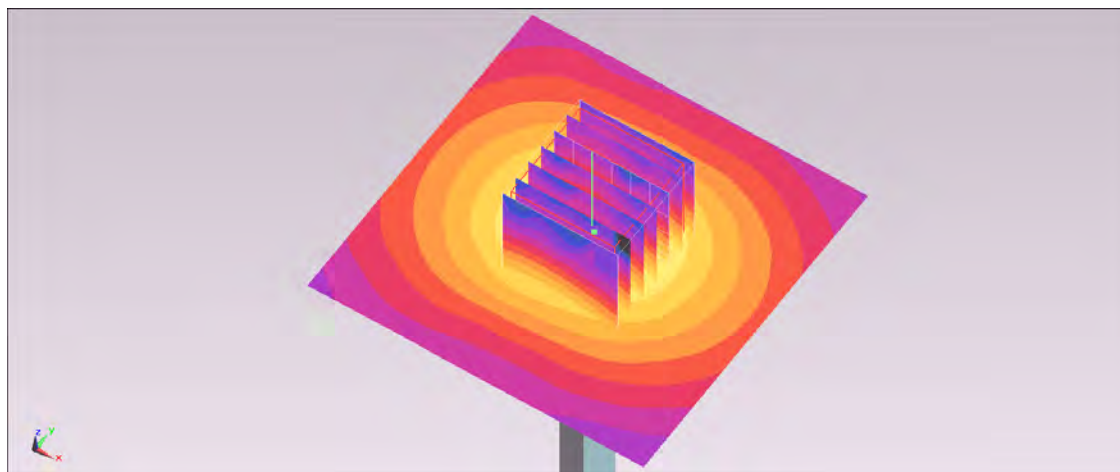
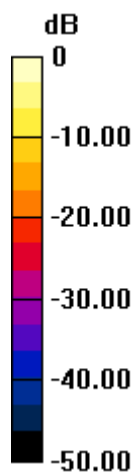
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 40.568 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 38.2 W/kg

**SAR(1 g) = 6.88 W/kg; SAR(10 g) = 1.86 W/kg**

Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg