

## System Check\_Head\_750MHz\_151224

### DUT: D750V3-1012

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

Medium: HSL\_750\_151224 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.891 \text{ mho/m}$ ;  $\epsilon_r = 42.919$ ;  
 $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.13, 9.13, 9.13); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) = 2.41 mW/g

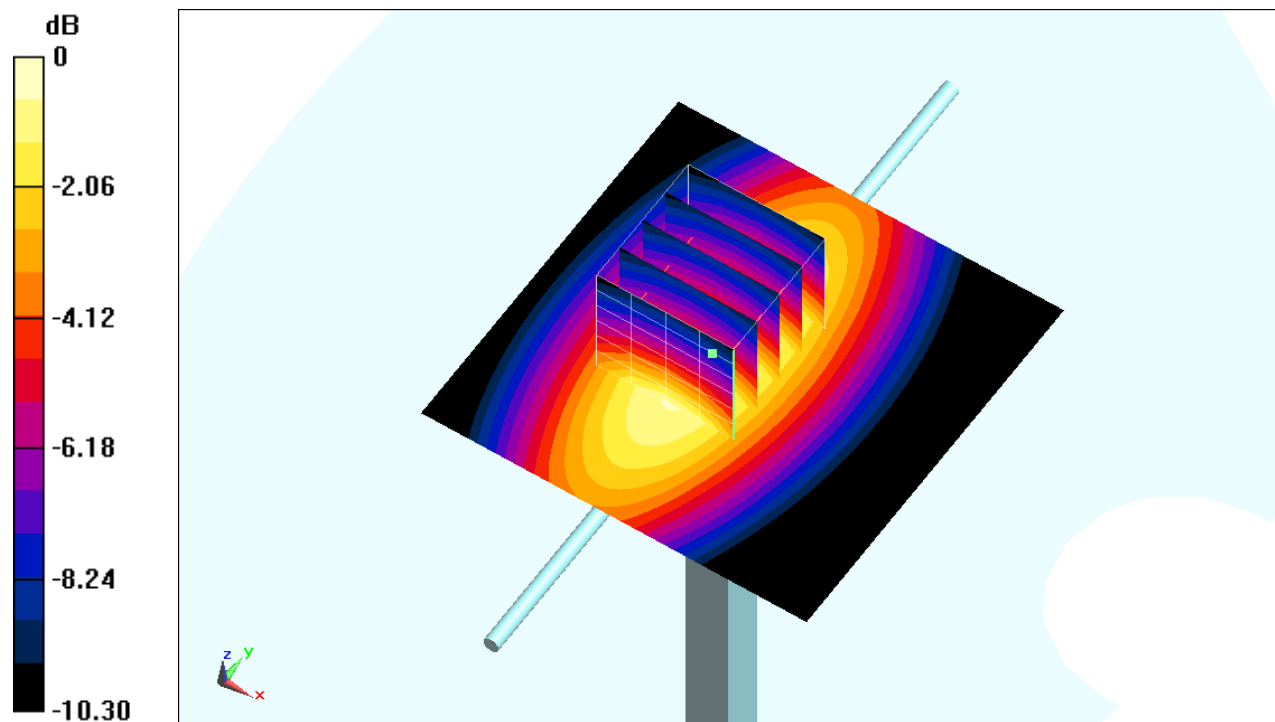
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.983 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.974 mW/g

**SAR(1 g) = 2.04 mW/g; SAR(10 g) = 1.36 mW/g**

Maximum value of SAR (measured) = 2.55 mW/g



0 dB = 2.55 mW/g = 8.13 dB mW/g

## System Check\_Body\_750MHz\_151105

### DUT: D750V3-1012

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

Medium: MSL750\_151105 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.976 \text{ S/m}$ ;  $\epsilon_r = 55.627$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.16, 10.16, 10.16); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.06 \text{ W/kg}$

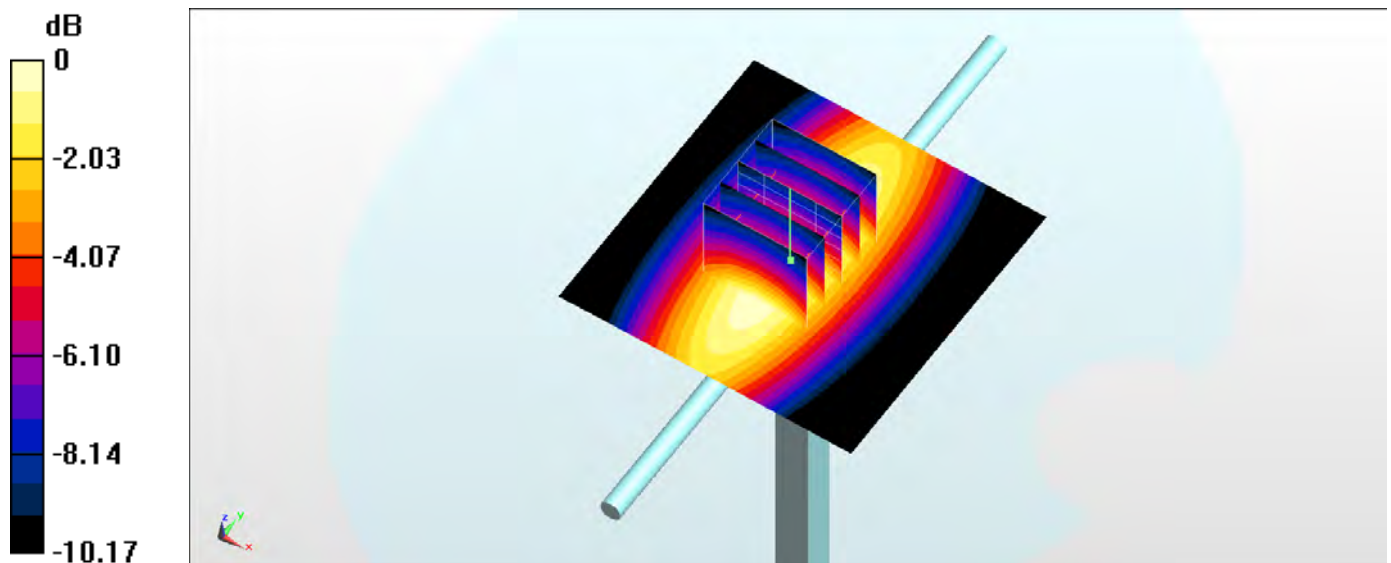
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $58.30 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $3.48 \text{ W/kg}$

**SAR(1 g) =  $2.3 \text{ W/kg}$ ; SAR(10 g) =  $1.53 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.06 \text{ W/kg}$



0 dB =  $3.06 \text{ W/kg} = 4.86 \text{ dBW/kg}$

## System Check\_Body\_750MHz\_151223

### DUT: D750V3-1012

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

Medium: MSL750\_151223 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 55.933$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.96, 8.96, 8.96); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) = 2.63 mW/g

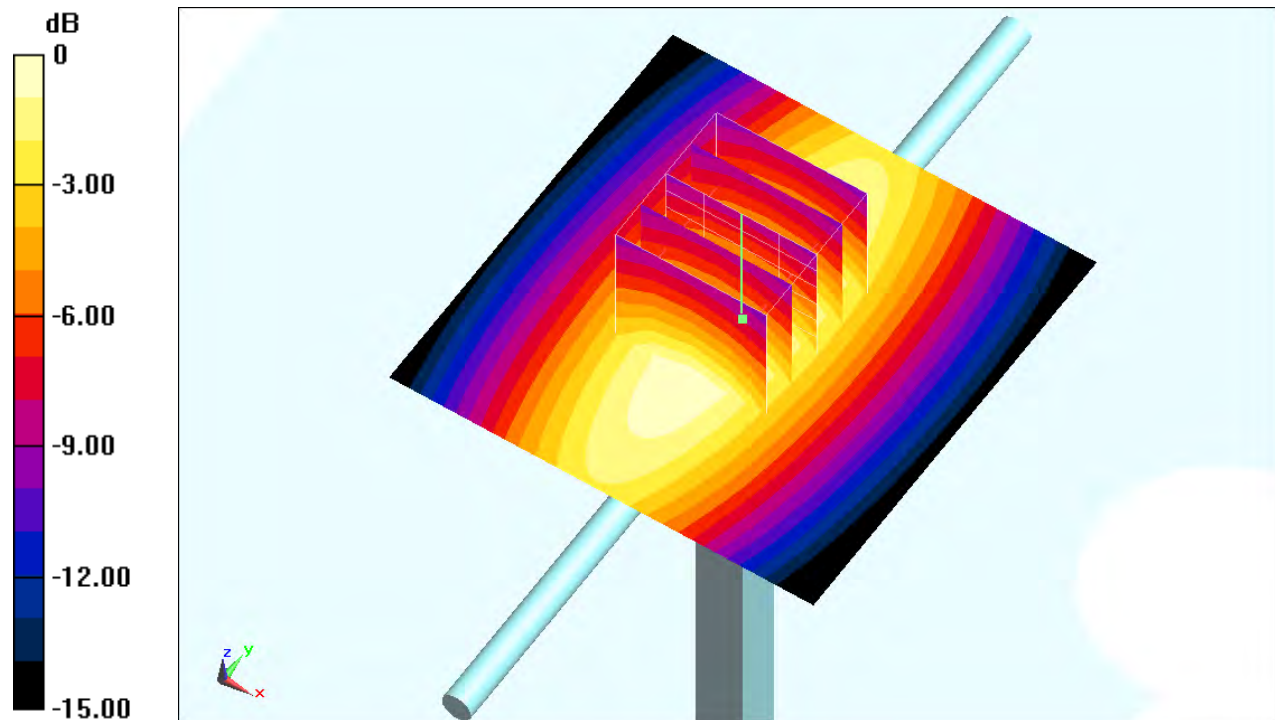
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.738 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.901 mW/g

**SAR(1 g) = 1.99 mW/g; SAR(10 g) = 1.34 mW/g**

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



### System Check\_Head\_835MHz\_151106

**DUT: D835V2-499**

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

Medium: HSL\_850\_151106 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.936 \text{ mho/m}$ ;  $\epsilon_r = 42.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.76, 8.76, 8.76); Calibrated: 2015/9/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2015/9/25
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) =  $2.93 \text{ mW/g}$

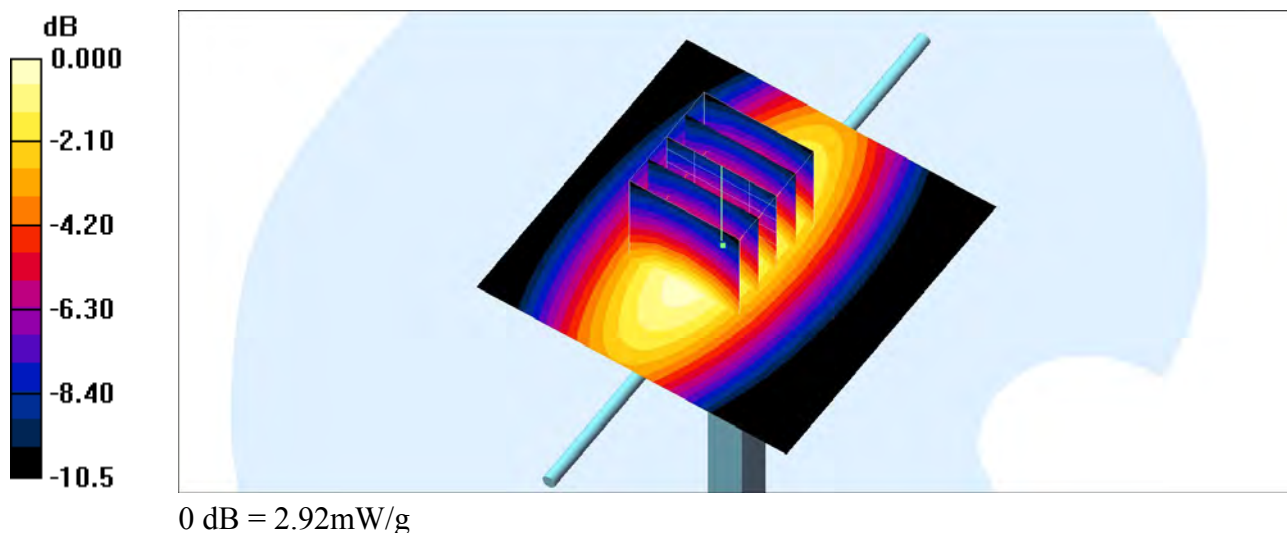
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $57.2 \text{ V/m}$ ; Power Drift =  $-0.091 \text{ dB}$

Peak SAR (extrapolated) =  $3.39 \text{ W/kg}$

**SAR(1 g) =  $2.33 \text{ mW/g}$ ; SAR(10 g) =  $1.54 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.92 \text{ mW/g}$



## System Check\_Body\_835MHz\_151102

**DUT: D835V2-499**

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

Medium: MSL\_850\_151102 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.979 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.9, 8.9, 8.9); Calibrated: 2015/9/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2015/9/25
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) =  $3.29 \text{ mW/g}$

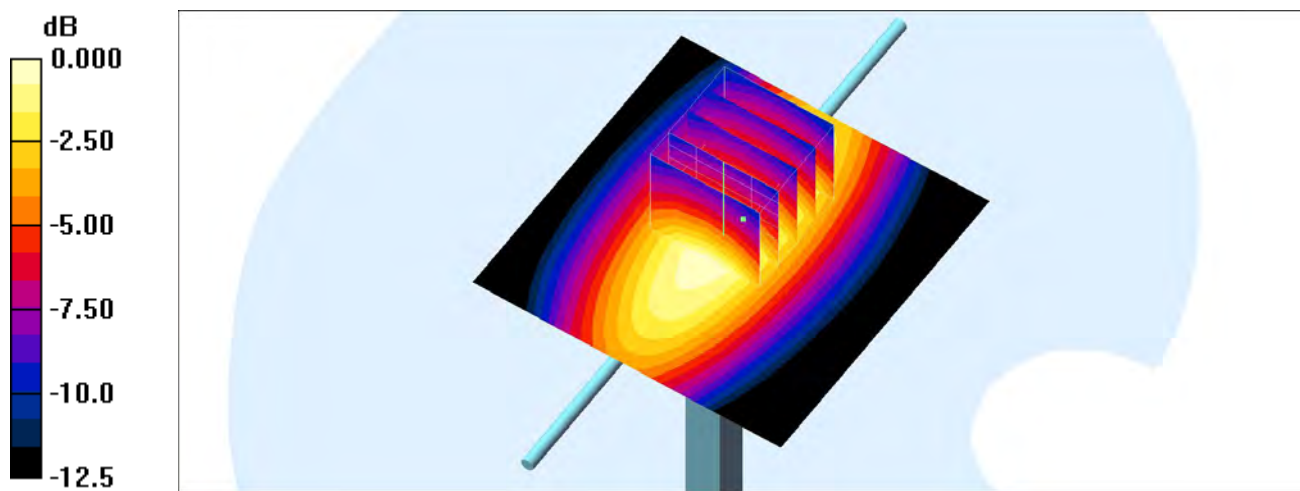
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $57.1 \text{ V/m}$ ; Power Drift =  $0.035 \text{ dB}$

Peak SAR (extrapolated) =  $3.73 \text{ W/kg}$

**SAR(1 g) =  $2.5 \text{ mW/g}$ ; SAR(10 g) =  $1.65 \text{ mW/g}$**

Maximum value of SAR (measured) =  $3.34 \text{ mW/g}$



0 dB =  $3.34\text{mW/g}$

## System Check\_Body\_835MHz\_151222

### DUT: D835V2-499

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

Medium: MSL\_850\_151222 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.981 \text{ mho/m}$ ;  $\epsilon_r = 56.585$ ;  
 $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.9, 8.9, 8.9); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) = 3.11 mW/g

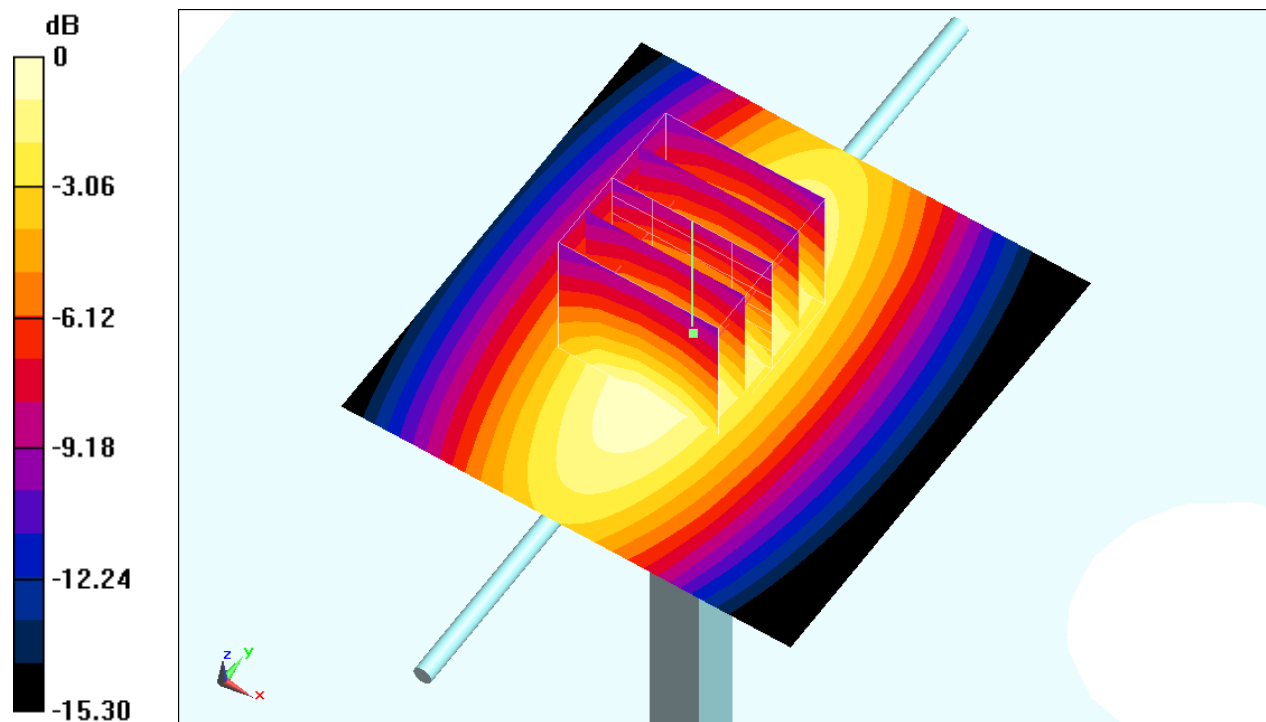
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.974 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.554 mW/g

**SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.62 mW/g**

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



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

## System Check\_Head\_1750MHz\_151224

### DUT: D1750V2\_1068

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_151224 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.417 \text{ mho/m}$ ;  $\epsilon_r = 39.536$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.73, 7.73, 7.73); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) = 14.4 mW/g

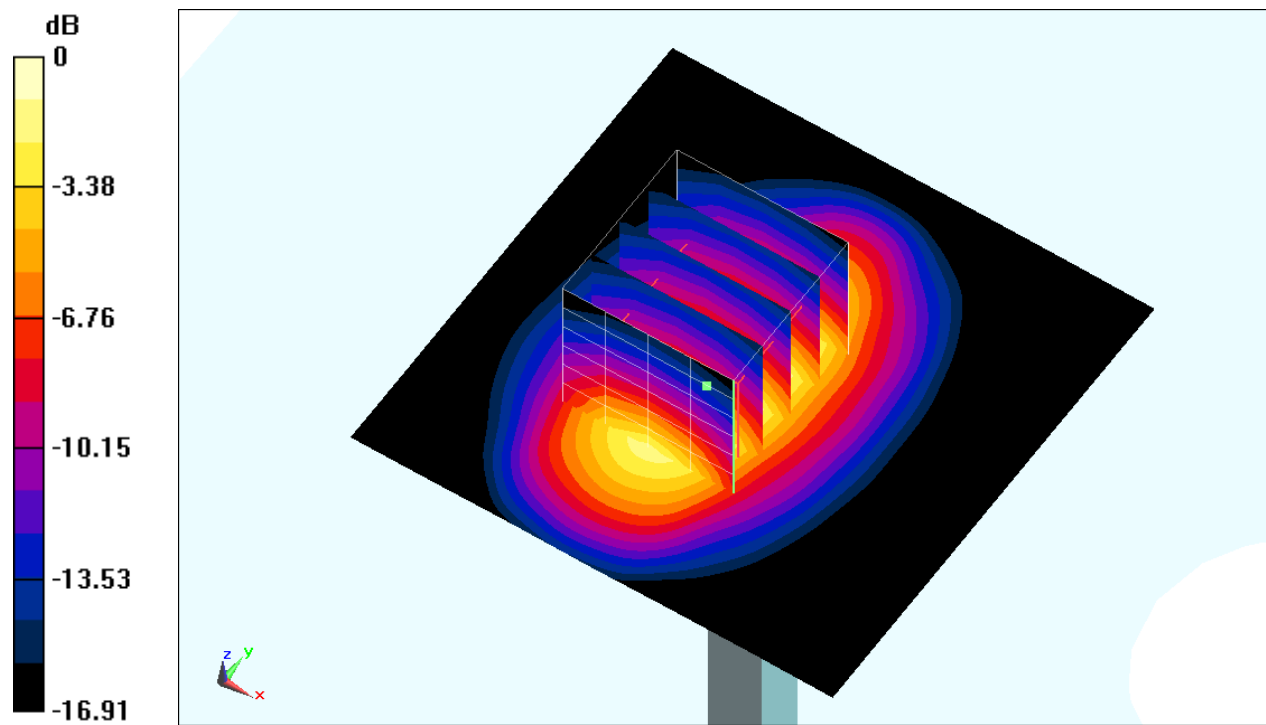
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.209 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 17.370 mW/g

**SAR(1 g) = 9.64 mW/g; SAR(10 g) = 5.1 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\_151105

### DUT: D1750V2-1068

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

Medium: MSL\_1750\_151105 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.471$  S/m;  $\epsilon_r = 55.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(8.34, 8.34, 8.34); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

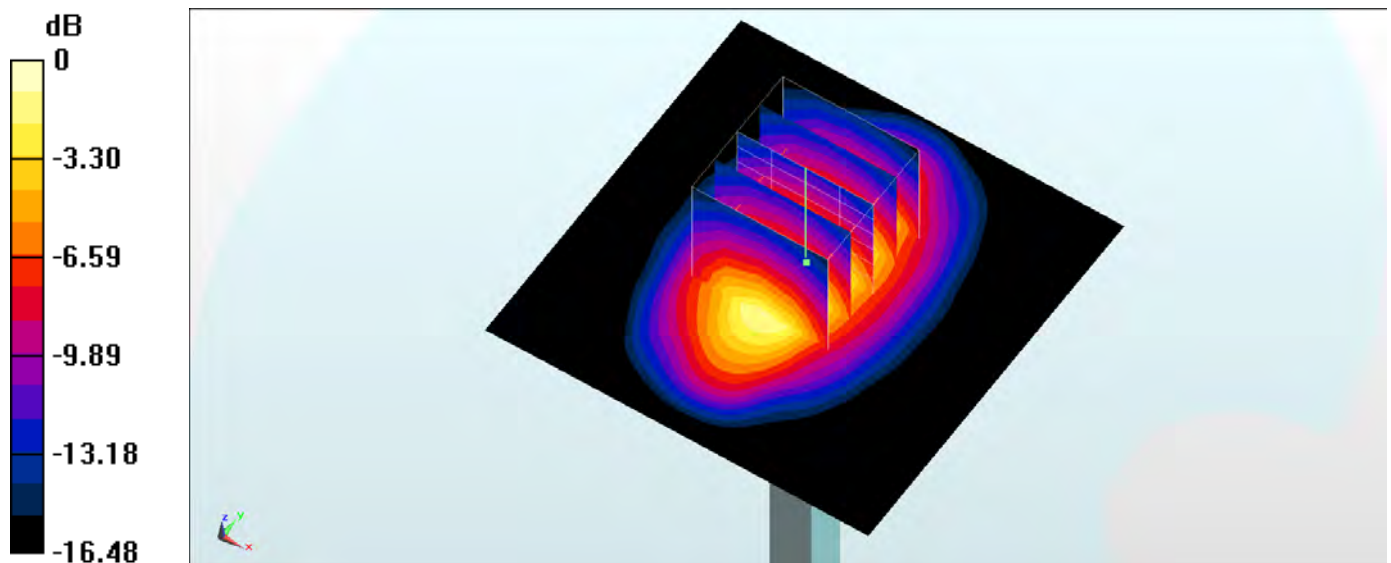
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.72 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 8.97 W/kg; SAR(10 g) = 4.85 W/kg**

Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg



## System Check\_Body\_1750MHz\_151222

### DUT: D1750V2\_1068

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

Medium: MSL\_1750\_151222 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 54.427$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.34, 7.34, 7.34); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) = 14.3 mW/g

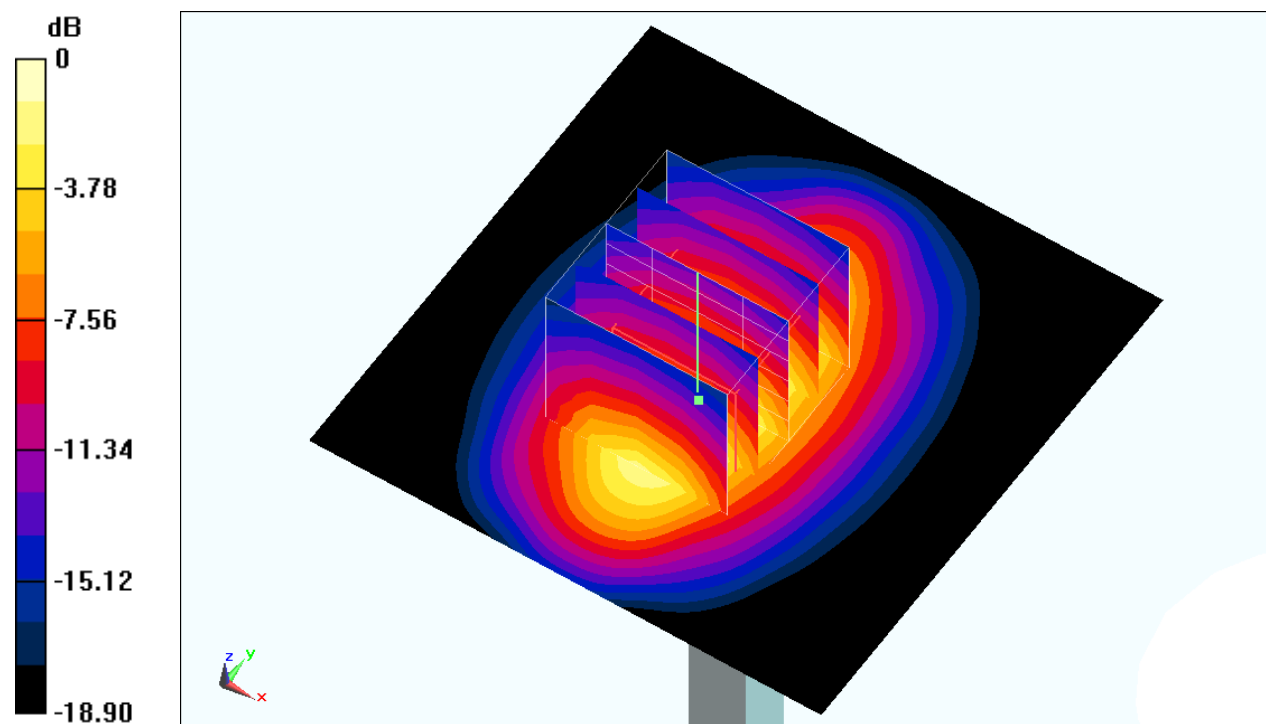
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.016 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 16.498 mW/g

**SAR(1 g) = 9.45 mW/g; SAR(10 g) = 5.07 mW/g**

Maximum value of SAR (measured) = 13.1 mW/g



0 dB = 13.1 mW/g = 22.35 dB mW/g

### System Check\_Head\_1900MHz\_151105

**DUT: D1900V2-5d185**

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

Medium: HSL\_1900\_151105 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2015/9/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2015/9/25
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 16.5 mW/g

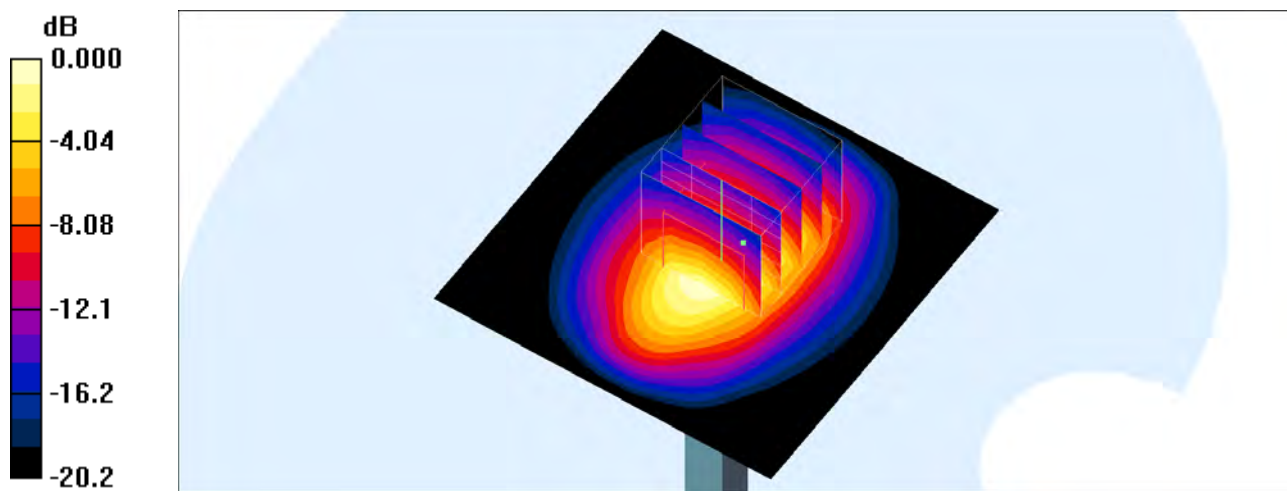
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.4 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 19.4 W/kg

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.29 mW/g**

Maximum value of SAR (measured) = 16.3 mW/g



0 dB = 16.3mW/g

## System Check\_Head\_1900MHz\_151109

**DUT: D1900V2-5d185**

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

Medium: HSL\_1900\_151109 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2015/9/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2015/9/25
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) = 16.9 mW/g

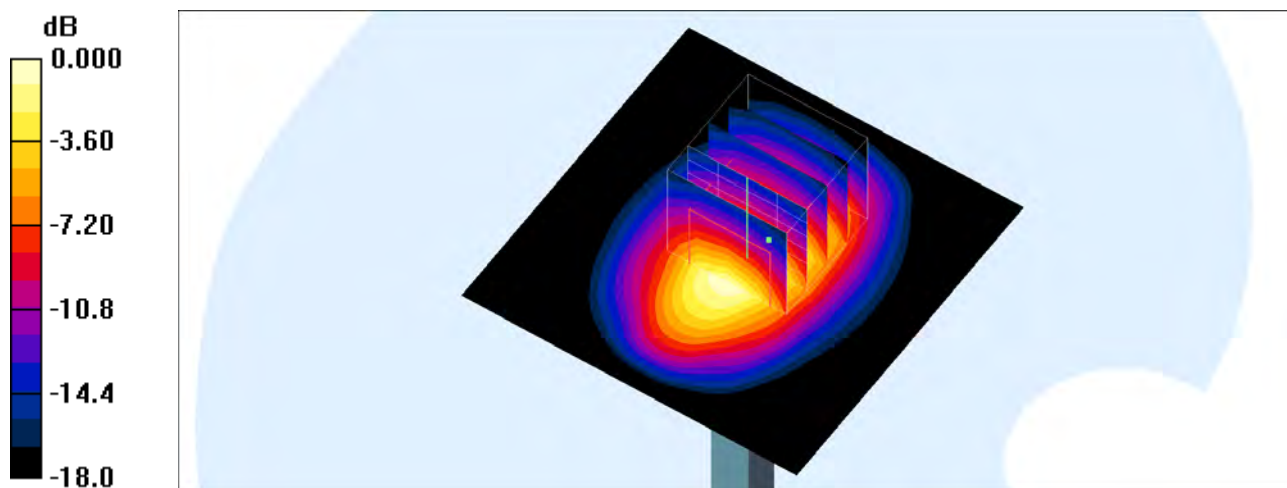
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.4 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 19.8 W/kg

**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.4 mW/g**

Maximum value of SAR (measured) = 16.6 mW/g



## System Check\_Head\_1900MHz\_151223

### DUT: D1900V2-5d185

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

Medium: HSL\_1900\_151223 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.516$ ;  
 $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) =  $14.8 \text{ mW/g}$

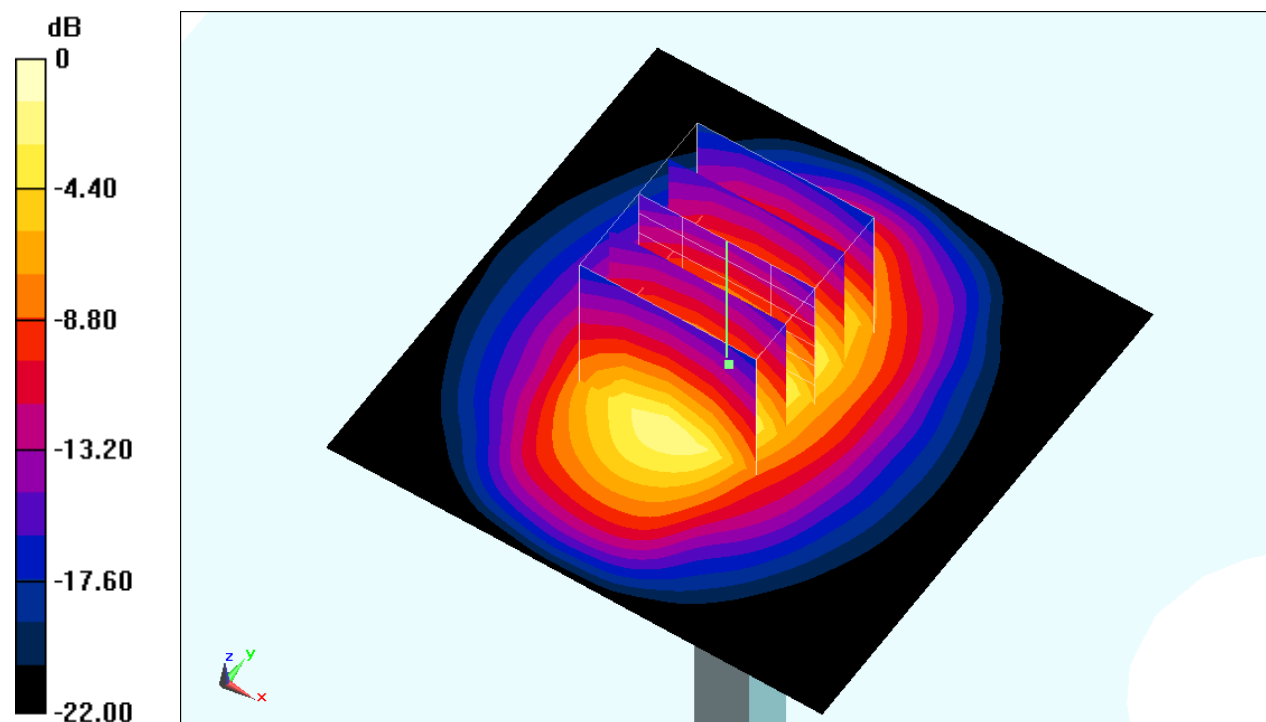
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  
 $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $102.4 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$

Peak SAR (extrapolated) =  $18.845 \text{ mW/g}$

**SAR(1 g) =  $10.3 \text{ mW/g}$ ; SAR(10 g) =  $5.32 \text{ mW/g}$**

Maximum value of SAR (measured) =  $14.5 \text{ mW/g}$



0 dB =  $14.5 \text{ mW/g} = 23.23 \text{ dB mW/g}$

### System Check\_Body\_1900MHz\_151103

**DUT: D1900V2-5d185**

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

Medium: MSL\_1900\_151103 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/9/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2015/9/25
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) =  $16.3 \text{ mW/g}$

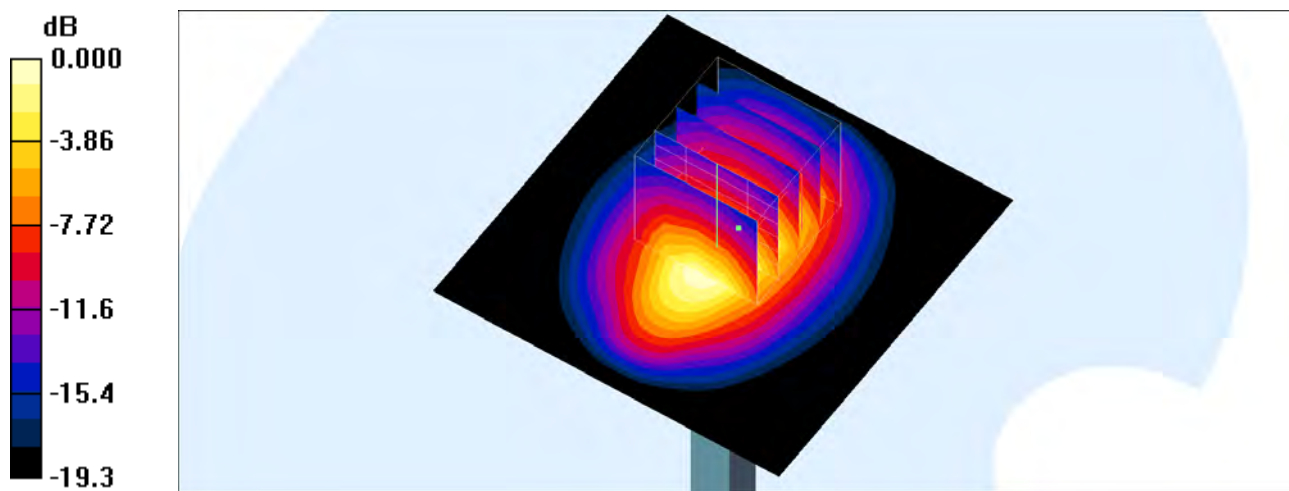
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $105.4 \text{ V/m}$ ; Power Drift =  $-0.088 \text{ dB}$

Peak SAR (extrapolated) =  $18.2 \text{ W/kg}$

**SAR(1 g) =  $10.2 \text{ mW/g}$ ; SAR(10 g) =  $5.29 \text{ mW/g}$**

Maximum value of SAR (measured) =  $15.1 \text{ mW/g}$



0 dB =  $15.1 \text{ mW/g}$

## System Check\_Body\_1900MHz\_151104

### DUT: D1900V2-5d185

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

Medium: MSL\_1900\_151104 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.541$  S/m;  $\epsilon_r = 53.549$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.4 W/kg

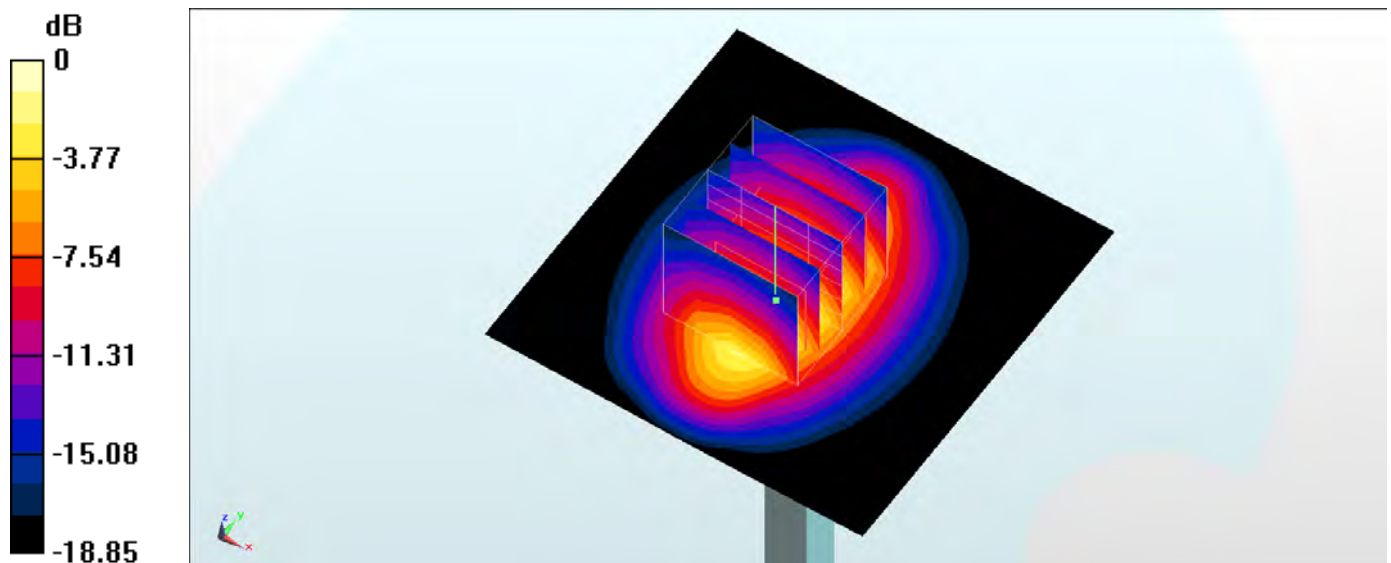
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.8 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.9 W/kg

**SAR(1 g) = 9.59 W/kg; SAR(10 g) = 5.02 W/kg**

Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg



## System Check\_Body\_1900MHz\_151223

### DUT: D1900V2-5d185

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

Medium: MSL\_1900\_151223 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54.709$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- 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) = 15.4 mW/g

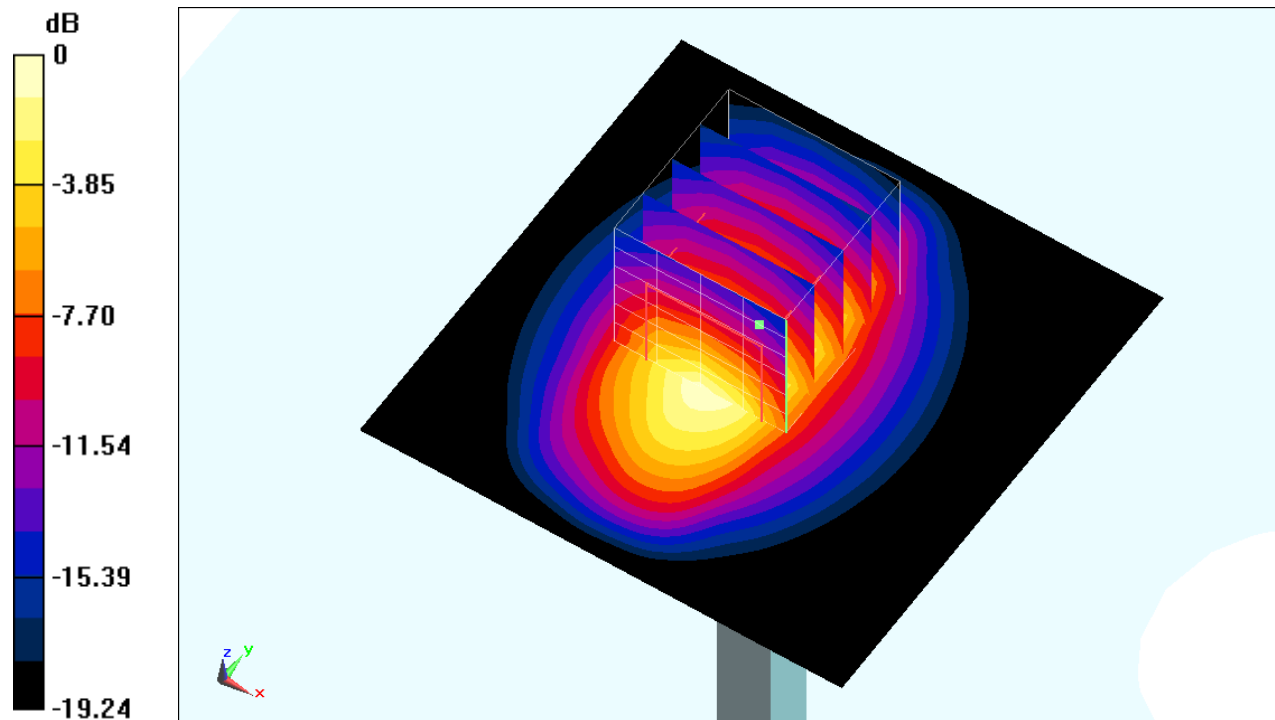
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.727 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 17.491 mW/g

**SAR(1 g) = 9.93 mW/g; SAR(10 g) = 5.21 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\_1900MHz\_151227

### DUT: D1900V2-5d185

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

Medium: MSL\_1900\_151227 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.581$  S/m;  $\epsilon_r = 53.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.0 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.0 W/kg

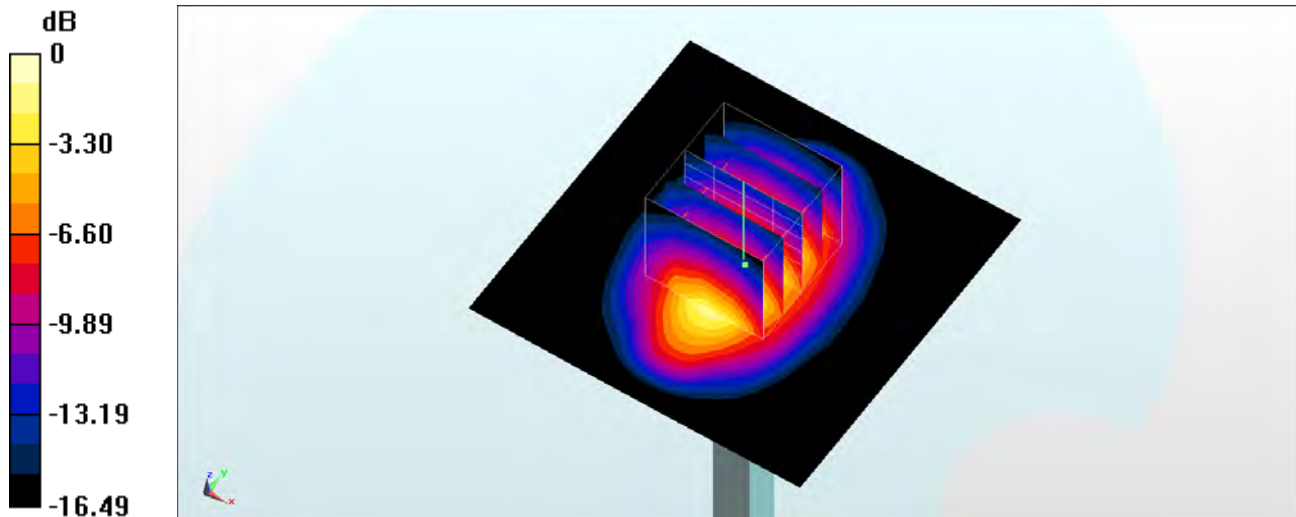
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.8 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 9.81 W/kg; SAR(10 g) = 5.13 W/kg**

Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.7 W/kg = 11.67 dBW/kg

## System Check\_Head\_2450MHz\_151230

**DUT: D2450V2-926**

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

Medium: HSL\_2450\_151230 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.801$  S/m;  $\epsilon_r = 39.109$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.75, 6.75, 6.75); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 22.3 W/kg

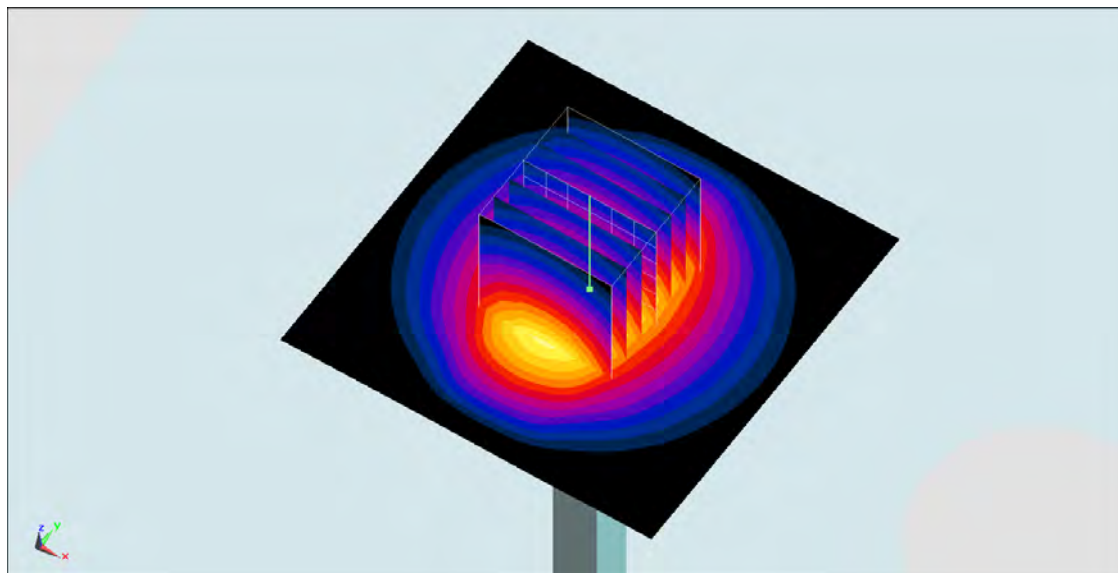
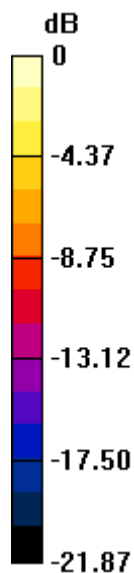
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.7 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 27.6 W/kg

**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.01 W/kg**

Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg = 13.46 dBW/kg

## System Check\_Body\_2450MHz\_151229

**DUT: D2450V2-926**

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

Medium: MSL\_2450\_151229 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.036$  S/m;  $\epsilon_r = 54.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.9, 6.9, 6.9); Calibrated: 2015/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 19.6 W/kg

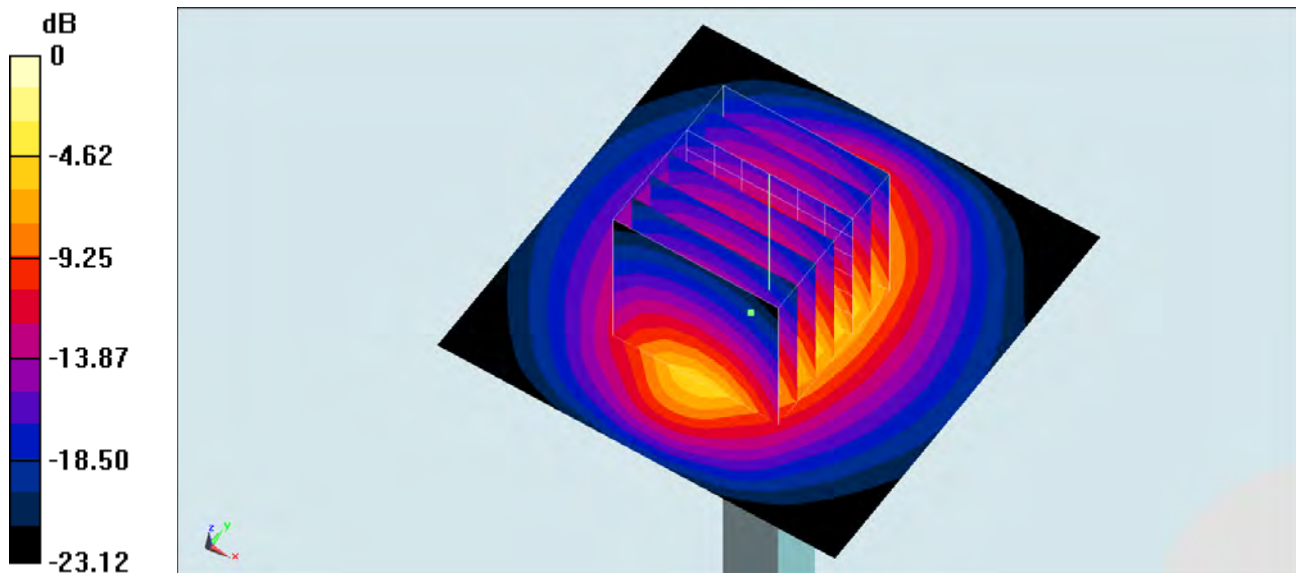
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.8 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 23.7 W/kg

**SAR(1 g) = 11.8 W/kg; SAR(10 g) = 5.48 W/kg**

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

## System Check\_Head\_2600MHz\_151228

### DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_151228 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 39.863$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.17, 7.17, 7.17); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 24.7 W/kg

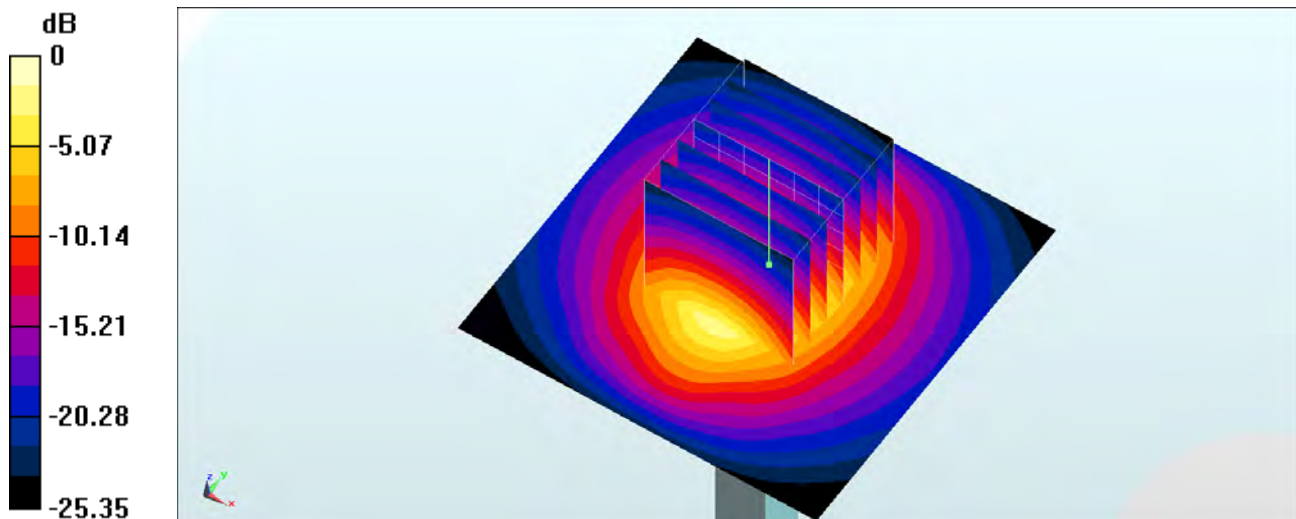
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.8 W/kg

**SAR(1 g) = 14 W/kg; SAR(10 g) = 6.11 W/kg**

Maximum value of SAR (measured) = 24.3 W/kg



0 dB = 24.3 W/kg = 13.86 dBW/kg

## System Check\_Body\_2600MHz\_151223

### DUT: D2600V2-1008

Communication System: CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_151223 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.224$  mho/m;  $\epsilon_r = 51.037$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.27, 4.27, 4.27); Calibrated: 2015/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2015/8/25
- Phantom: SAM\_Front; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 20.6 mW/g

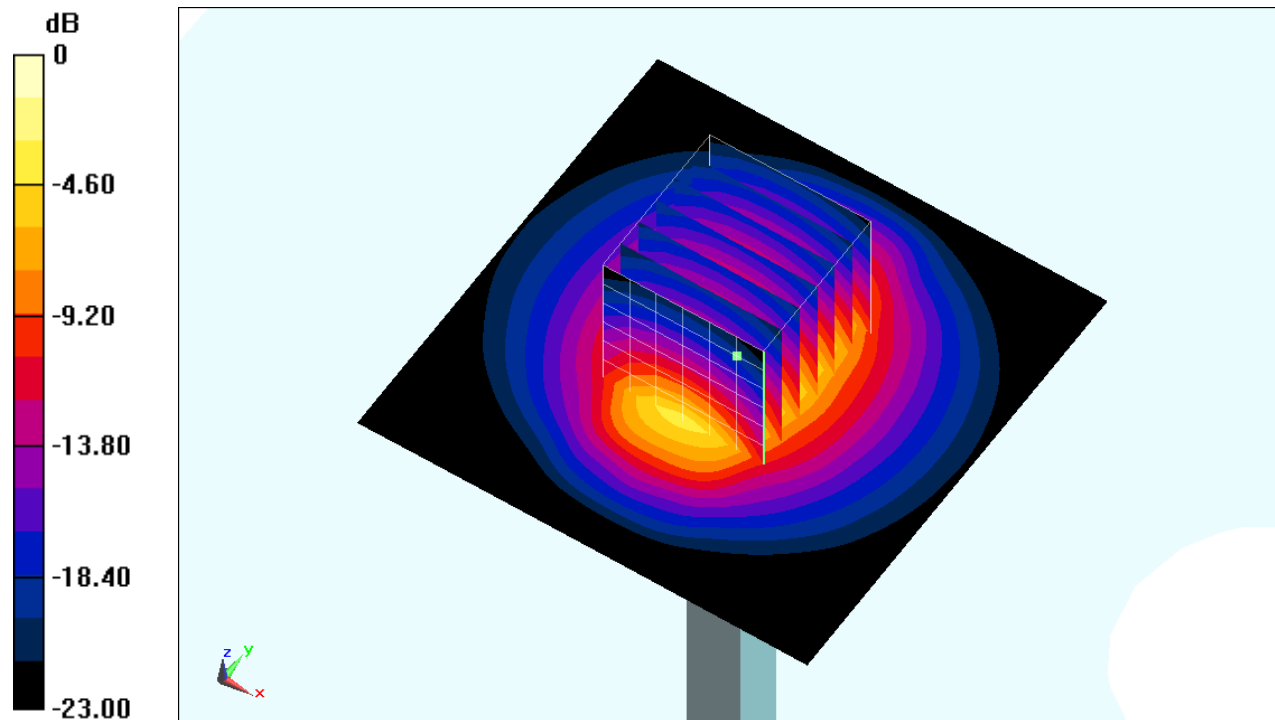
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 29.295 mW/g

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.05 mW/g**

Maximum value of SAR (measured) = 21.1 mW/g



0 dB = 21.1 mW/g = 26.49 dB mW/g