

## System Check\_Head\_750MHz\_150825

### DUT: D750V3-1012

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

Medium: HSL\_750\_150825 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.895 \text{ mho/m}$ ;  $\epsilon_r = 43.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(9.35, 9.35, 9.35); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- 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) =  $2.37 \text{ mW/g}$

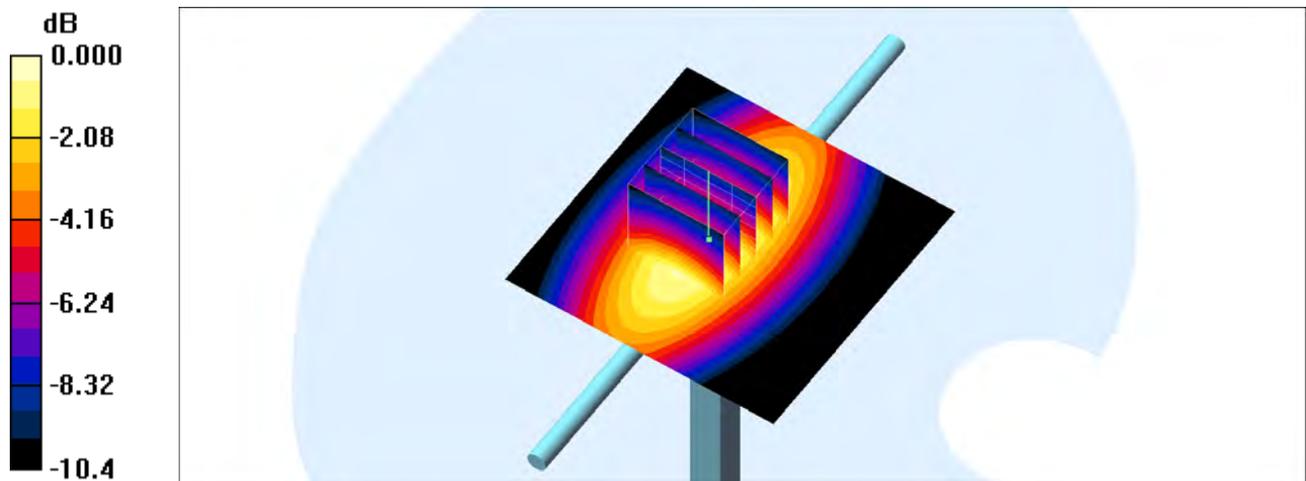
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $52.0 \text{ V/m}$ ; Power Drift =  $-0.077 \text{ dB}$

Peak SAR (extrapolated) =  $2.95 \text{ W/kg}$

**SAR(1 g) =  $2 \text{ mW/g}$ ; SAR(10 g) =  $1.33 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.51 \text{ mW/g}$



0 dB =  $2.51\text{mW/g}$

## System Check\_Body\_750MHz\_150826

### DUT: D750V3-1012

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

Medium: MSL\_750\_150826 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.971 \text{ mho/m}$ ;  $\epsilon_r = 56.3$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.83, 8.83, 8.83); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- 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) =  $2.62 \text{ mW/g}$

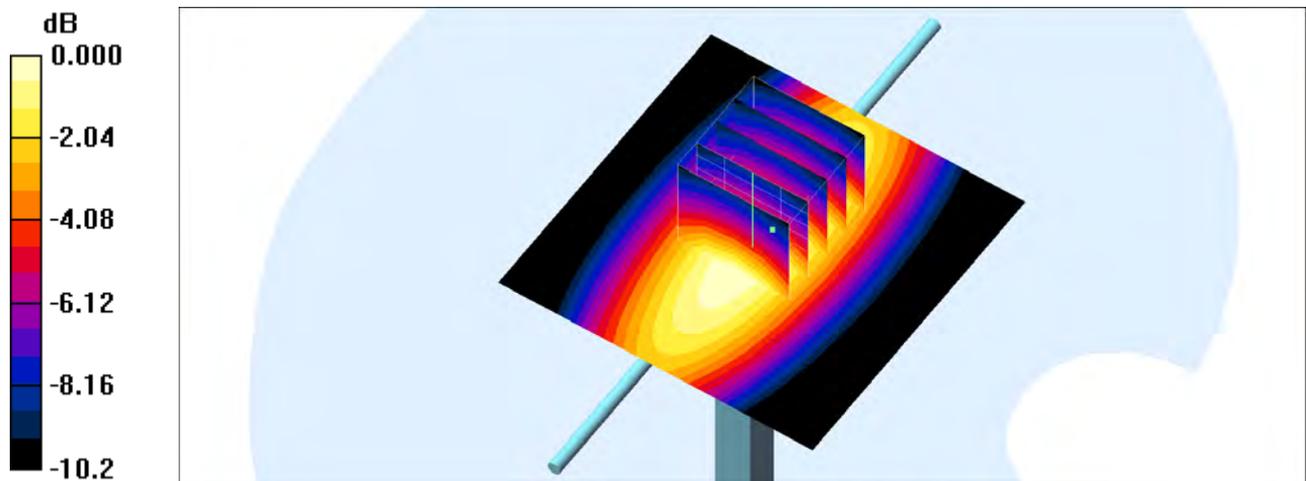
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $53.0 \text{ V/m}$ ; Power Drift =  $-0.042 \text{ dB}$

Peak SAR (extrapolated) =  $3.05 \text{ W/kg}$

**SAR(1 g) =  $2.08 \text{ mW/g}$ ; SAR(10 g) =  $1.38 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.61 \text{ mW/g}$



0 dB =  $2.61\text{mW/g}$

### System Check\_Head\_835MHz\_150825

**DUT: D835V2-499**

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

Medium: HSL\_850\_150825 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.88 \text{ mho/m}$ ;  $\epsilon_r = 42.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.93, 8.93, 8.93); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- 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) =  $2.94 \text{ mW/g}$

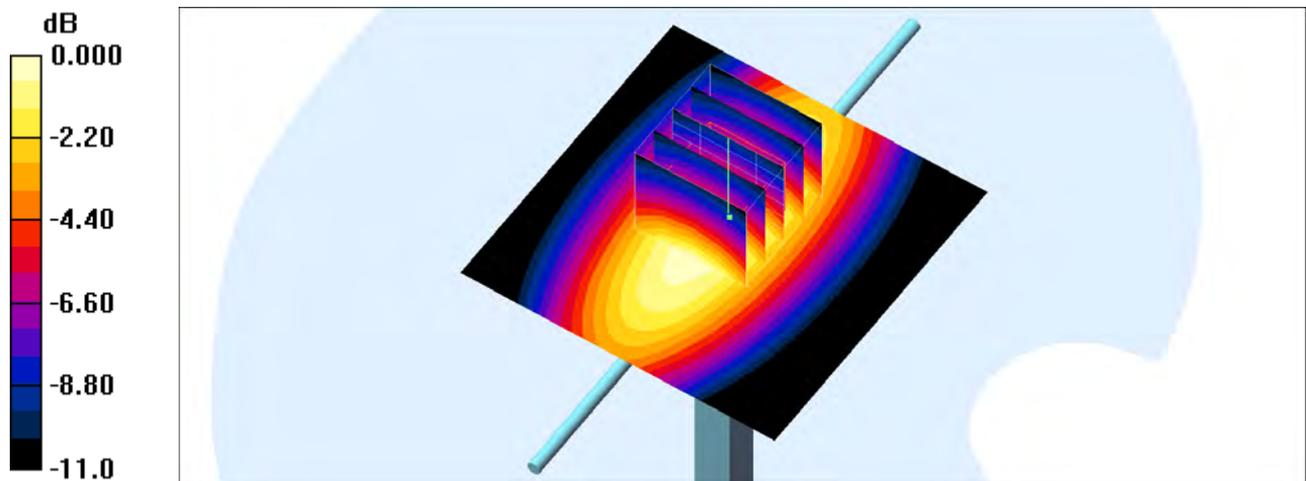
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $58.6 \text{ V/m}$ ; Power Drift =  $0.189 \text{ dB}$

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

**SAR(1 g) =  $2.32 \text{ mW/g}$ ; SAR(10 g) =  $1.51 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.96 \text{ mW/g}$



### System Check\_Head\_835MHz\_150825

**DUT: D835V2-499**

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

Medium: HSL\_850\_150825 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.88 \text{ mho/m}$ ;  $\epsilon_r = 42.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.32, 10.32, 10.32); Calibrated: 2014/9/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- 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) =  $2.91 \text{ mW/g}$

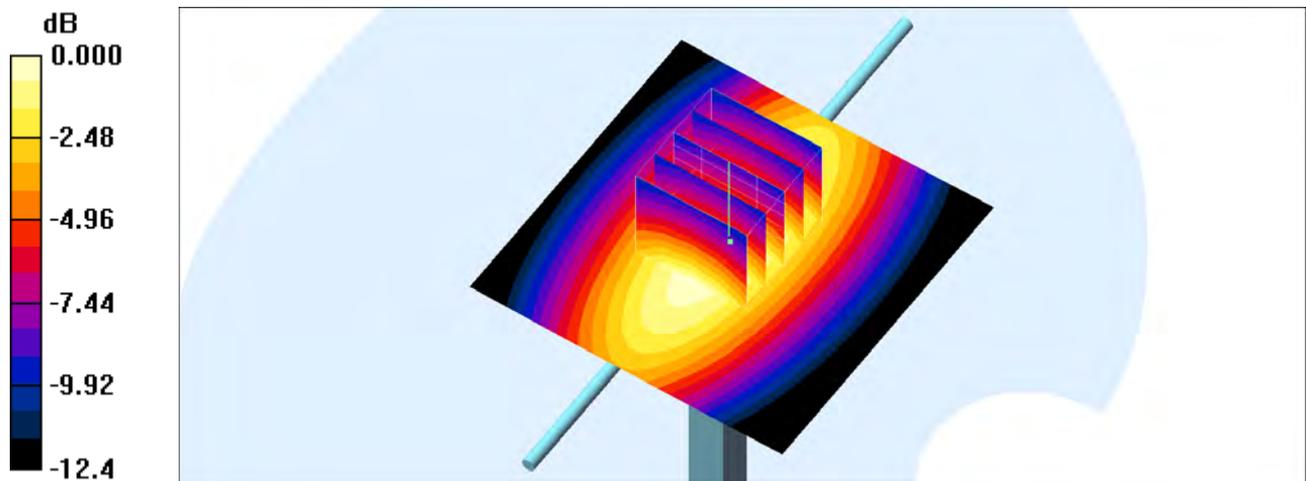
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $58.3 \text{ V/m}$ ; Power Drift =  $-0.008 \text{ dB}$

Peak SAR (extrapolated) =  $3.40 \text{ W/kg}$

**SAR(1 g) =  $2.3 \text{ mW/g}$ ; SAR(10 g) =  $1.52 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.89 \text{ mW/g}$



0 dB =  $2.89\text{mW/g}$

## System Check\_Body\_835MHz\_150826

**DUT: D835V2-499**

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

Medium: MSL\_850\_150826 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.99 \text{ mho/m}$ ;  $\epsilon_r = 54.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.75, 8.75, 8.75); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- 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) =  $3.05 \text{ mW/g}$

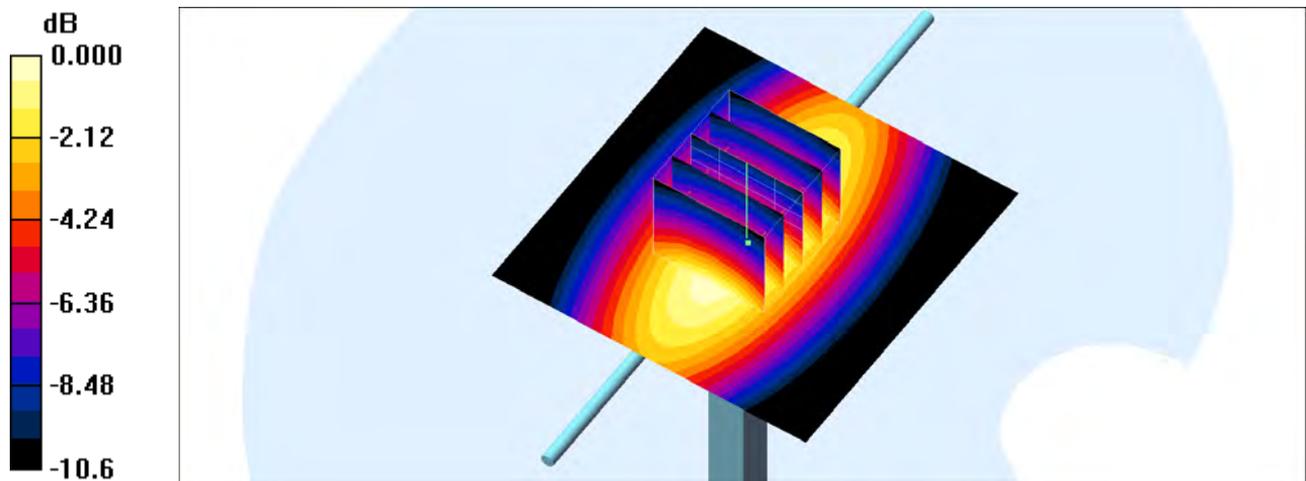
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $56.4 \text{ V/m}$ ; Power Drift =  $0.008 \text{ dB}$

Peak SAR (extrapolated) =  $3.58 \text{ W/kg}$

**SAR(1 g) =  $2.41 \text{ mW/g}$ ; SAR(10 g) =  $1.58 \text{ mW/g}$**

Maximum value of SAR (measured) =  $3.05 \text{ mW/g}$



0 dB =  $3.05\text{mW/g}$

### System Check\_Head\_1900MHz\_150826

**DUT: D1900V2-5d041**

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

Medium: HSL\_1900\_150826 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.71, 7.71, 7.71); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- 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) =  $15.7 \text{ mW/g}$

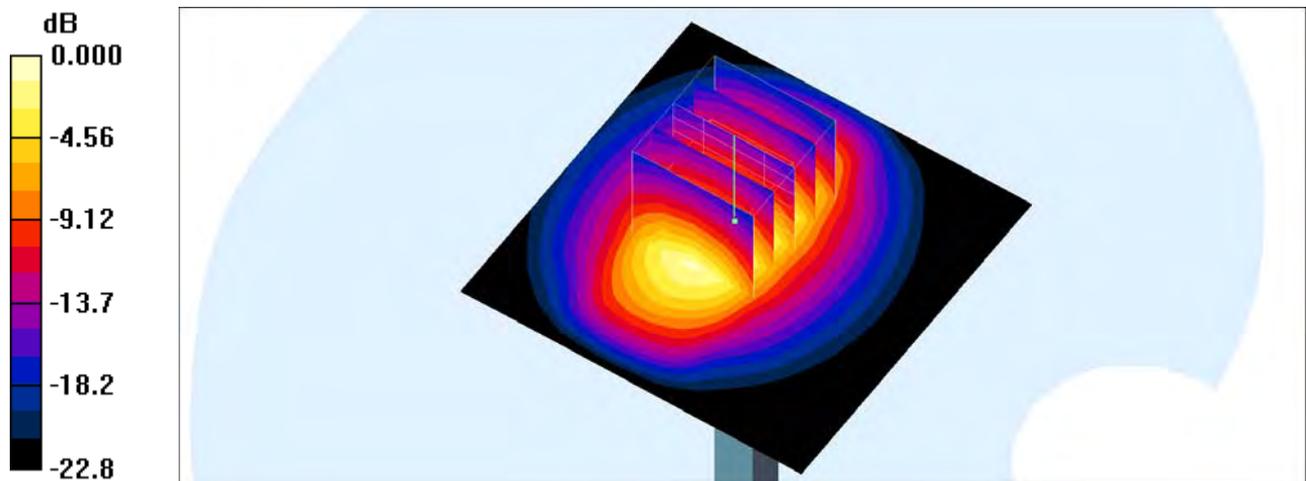
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $91.1 \text{ V/m}$ ; Power Drift =  $0.027 \text{ dB}$

Peak SAR (extrapolated) =  $19.3 \text{ W/kg}$

**SAR(1 g) =  $10.1 \text{ mW/g}$ ; SAR(10 g) =  $5.09 \text{ mW/g}$**

Maximum value of SAR (measured) =  $15.8 \text{ mW/g}$



## System Check\_Body\_1900MHz\_150825

### DUT: D1900V2-5d041

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

Medium: MSL\_1900\_150825 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 53.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- 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) = 14.3 W/kg

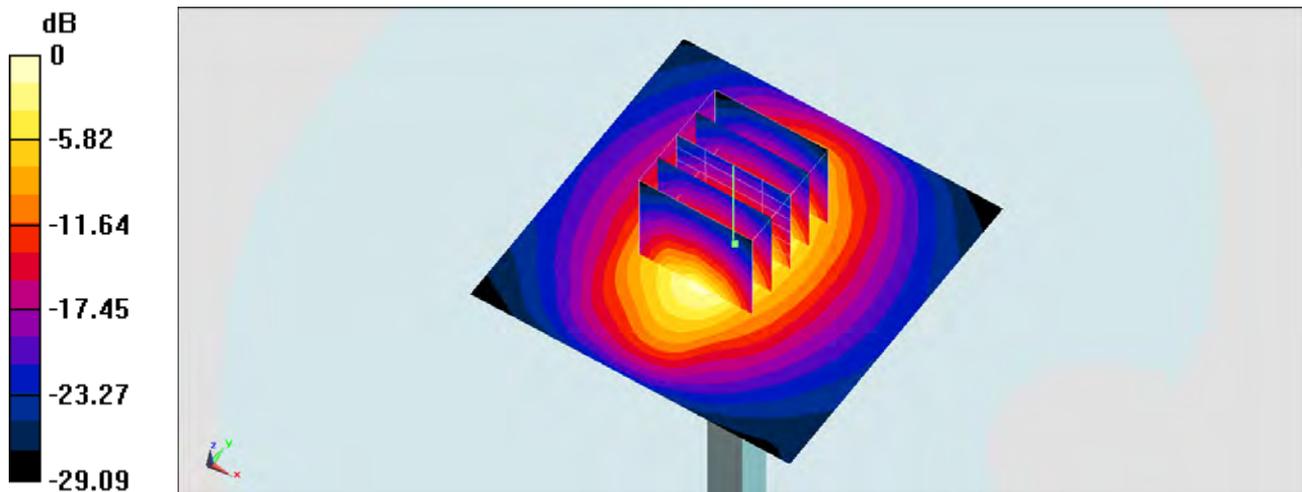
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.98 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.45 W/kg**

Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

## System Check\_Body\_1900MHz\_150825

### DUT: D1900V2-5d041

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

Medium: MSL\_1900\_150825 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.06, 7.06, 7.06); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- 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) =  $15.2 \text{ mW/g}$

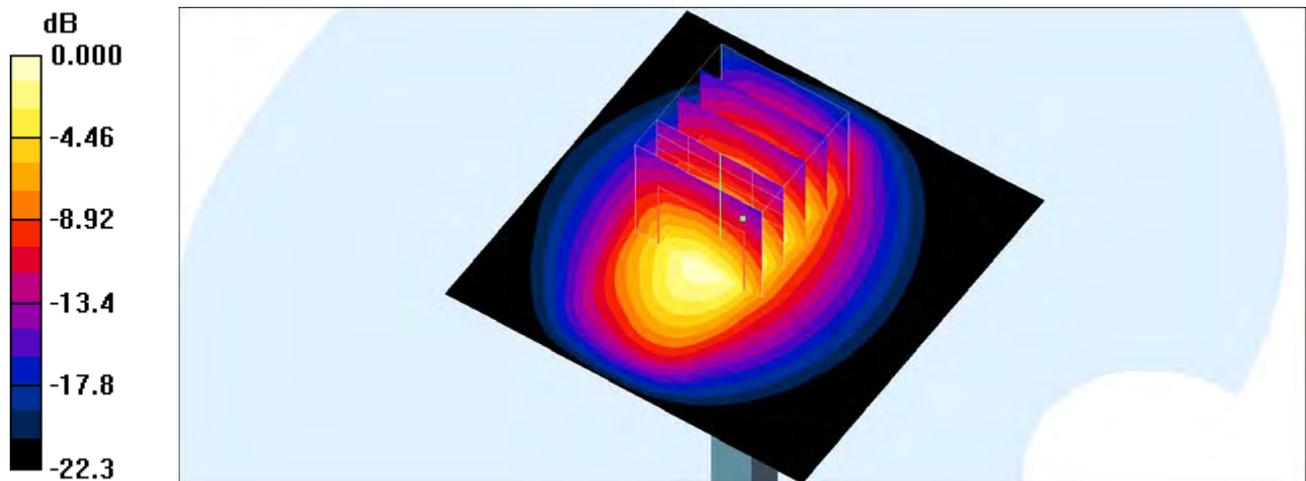
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $93.9 \text{ V/m}$ ; Power Drift =  $-0.055 \text{ dB}$

Peak SAR (extrapolated) =  $17.3 \text{ W/kg}$

**SAR(1 g) =  $9.81 \text{ mW/g}$ ; SAR(10 g) =  $5.14 \text{ mW/g}$**

Maximum value of SAR (measured) =  $14.9 \text{ mW/g}$



0 dB =  $14.9\text{mW/g}$

## System Check\_Head\_2450MHz\_150801

**DUT: D2450V2-736**

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

Medium: HSL\_2450\_150801 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.849$  S/m;  $\epsilon_r = 40.256$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.25, 7.25, 7.25); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- 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) = 22.4 W/kg

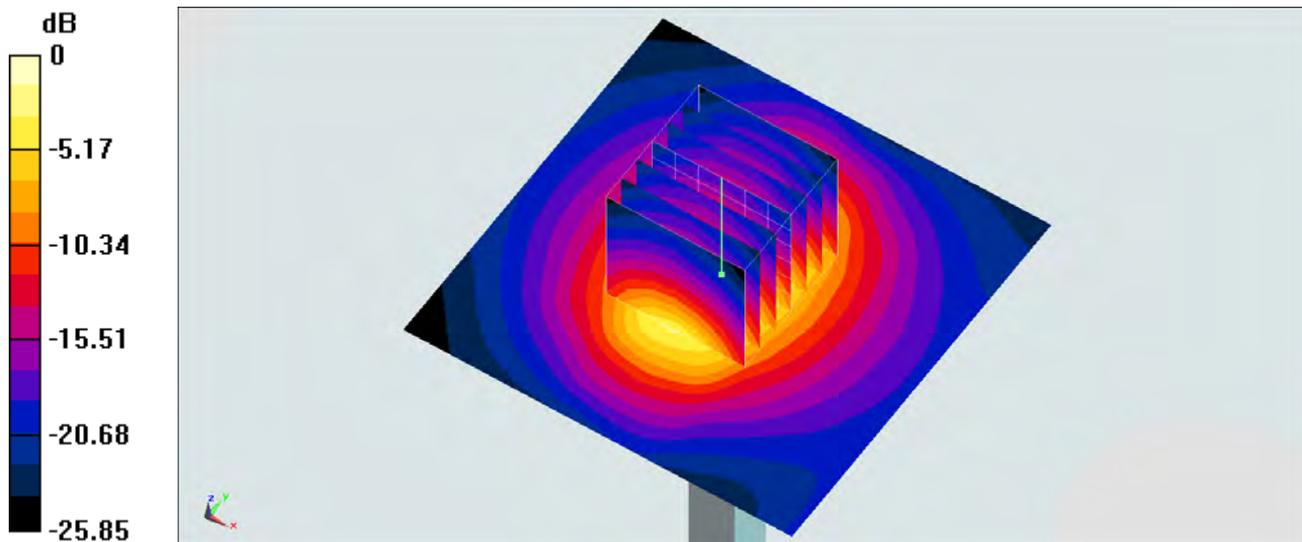
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.1 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 26.2 W/kg

**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.22 W/kg**

Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 22.4 W/kg = 13.50 dBW/kg

## System Check\_Body\_2450MHz\_150731

**DUT: D2450V2-736**

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

Medium: MSL\_2450\_150731 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.992$  S/m;  $\epsilon_r = 52.04$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.33, 7.33, 7.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- 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) = 19.1 W/kg

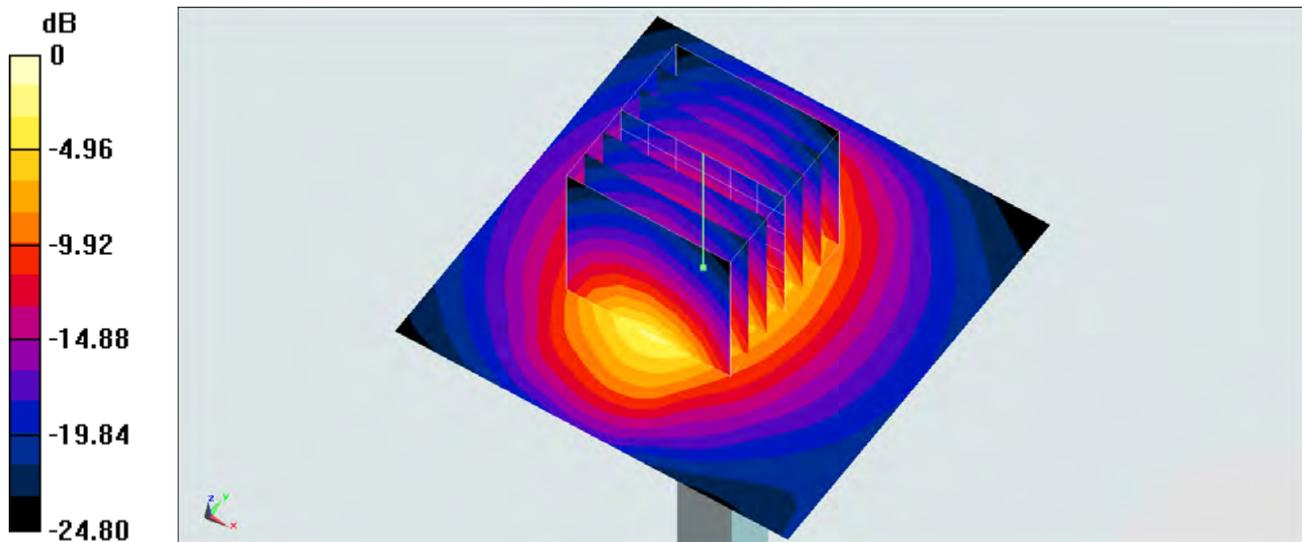
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.13 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 24.3 W/kg

**SAR(1 g) = 12.6 W/kg; SAR(10 g) = 6.05 W/kg**

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

### System Check\_Head\_2600MHz\_150827

**DUT: D2600V2-1058**

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

Medium: HSL\_2600\_150827 Medium parameters used:  $f = 2600 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 38.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.71, 6.71, 6.71); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

Maximum value of SAR (interpolated) =  $25.0 \text{ mW/g}$

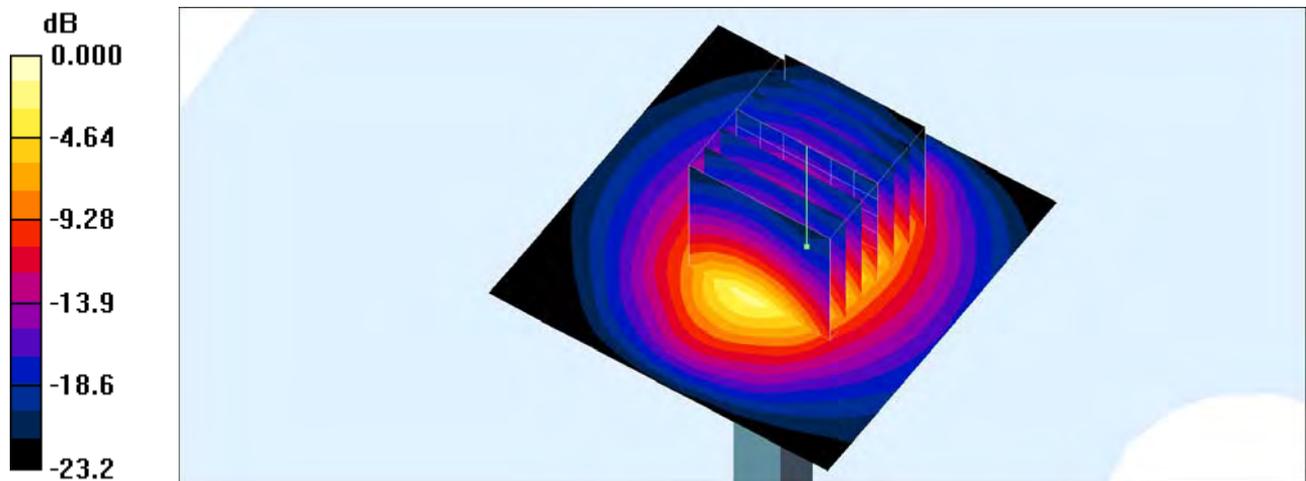
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $97.4 \text{ V/m}$ ; Power Drift =  $0.176 \text{ dB}$

Peak SAR (extrapolated) =  $30.5 \text{ W/kg}$

**SAR(1 g) =  $13.4 \text{ mW/g}$ ; SAR(10 g) =  $5.85 \text{ mW/g}$**

Maximum value of SAR (measured) =  $23.7 \text{ mW/g}$



0 dB =  $23.7\text{mW/g}$

## System Check\_Head\_2600MHz\_150911

### DUT: D2600V2-1058

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

Medium: HSL\_2600\_150911 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.02$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY4 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: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 24.2 mW/g

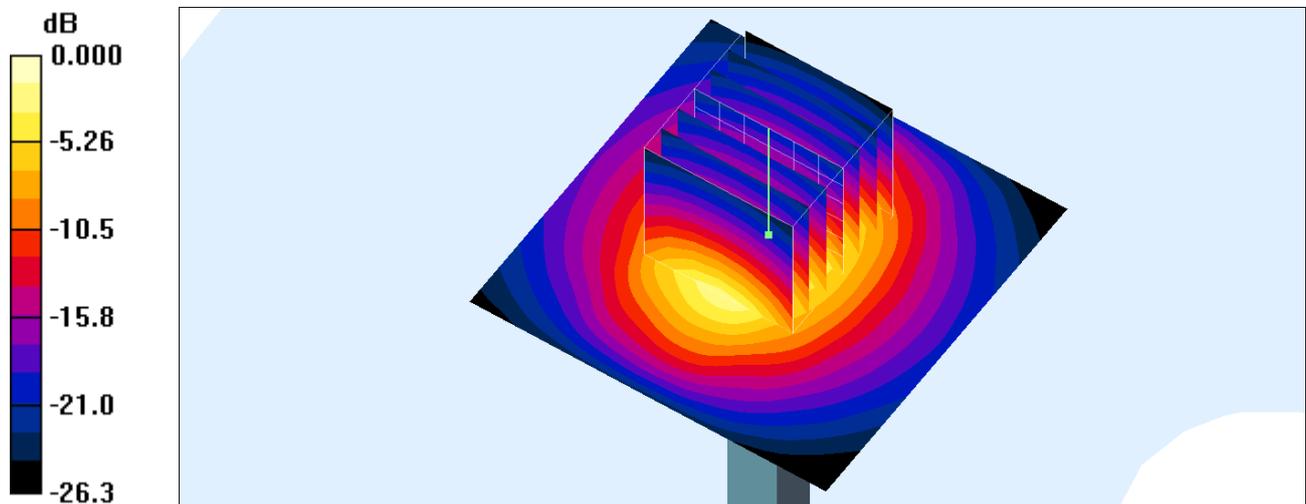
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 109.0 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 33.9 W/kg

**SAR(1 g) = 14.9 mW/g; SAR(10 g) = 6.43 mW/g**

Maximum value of SAR (measured) = 23.7 mW/g



0 dB = 23.7mW/g

## System Check\_Body\_2600MHz\_150826

### DUT: D2600V2-1058

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

Medium: MSL\_2600\_150826 Medium parameters used:  $f = 2600 \text{ MHz}$ ;  $\sigma = 2.2 \text{ mho/m}$ ;  $\epsilon_r = 52.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.63, 6.63, 6.63); Calibrated: 2014/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (interpolated) =  $25.1 \text{ mW/g}$

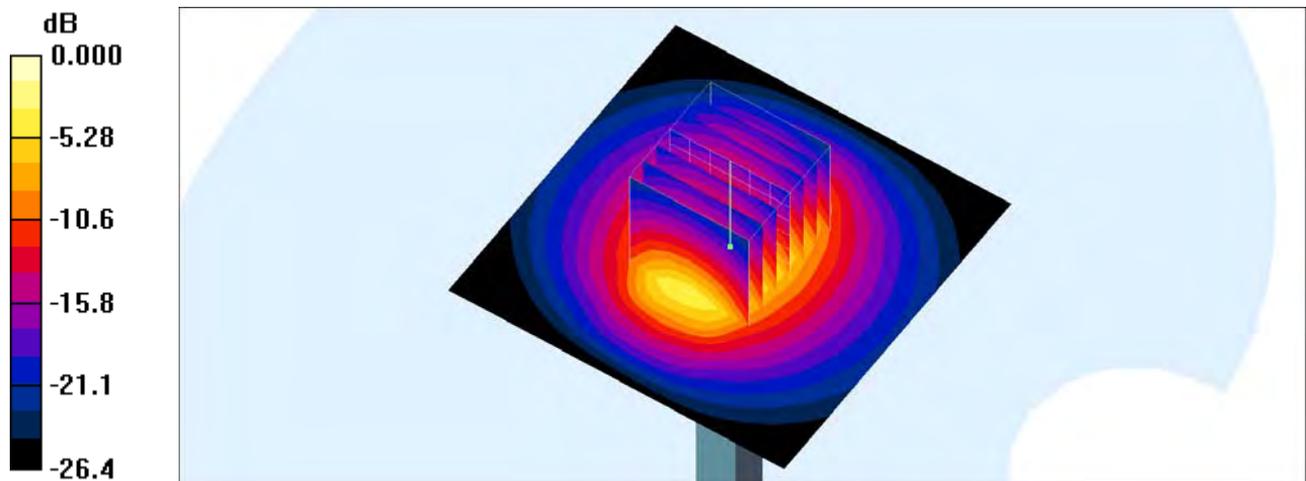
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $110.1 \text{ V/m}$ ; Power Drift =  $-0.042 \text{ dB}$

Peak SAR (extrapolated) =  $32.0 \text{ W/kg}$

**SAR(1 g) =  $14.5 \text{ mW/g}$ ; SAR(10 g) =  $6.37 \text{ mW/g}$**

Maximum value of SAR (measured) =  $25.2 \text{ mW/g}$



## System Check\_Body\_2600MHz\_150911

### DUT: D2600V2-1058

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

Medium: MSL\_2600\_150911 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.19$  mho/m;  $\epsilon_r = 52.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

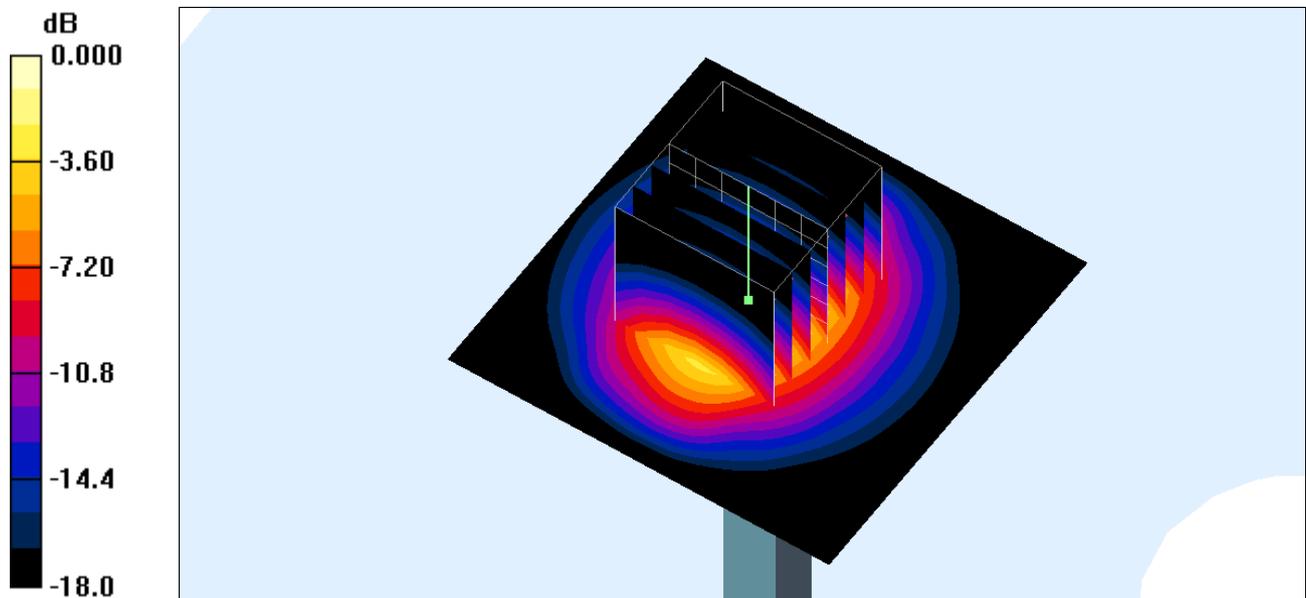
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/9/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 26.4 mW/g

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 110.7 V/m; Power Drift = -0.105 dB  
Peak SAR (extrapolated) = 33.7 W/kg  
**SAR(1 g) = 14.7 mW/g; SAR(10 g) = 6.41 mW/g**  
Maximum value of SAR (measured) = 26.1 mW/g



0 dB = 26.1mW/g

## System Check\_Head\_5300MHz\_150807

**DUT: D5GHzV2-1040-5300**

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

Medium: HSL5G\_150807 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.646$  S/m;  $\epsilon_r = 36.039$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(5.14, 5.14, 5.14); 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.3 W/kg

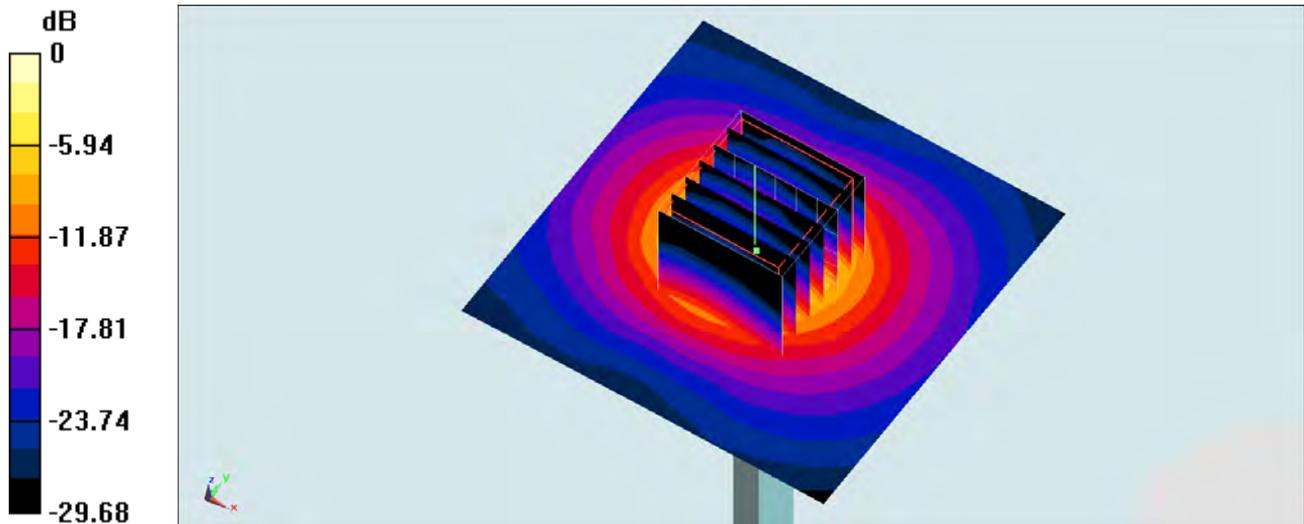
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.97 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 31.1 W/kg

**SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.25 W/kg**

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg = 12.90 dBW/kg

## System Check\_Head\_5300MHz\_150807

### DUT: D5GHzV2-1040-5300

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

Medium: HSL5G\_150807 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.646$  S/m;  $\epsilon_r = 36.039$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.92, 4.92, 4.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 21.8 W/kg

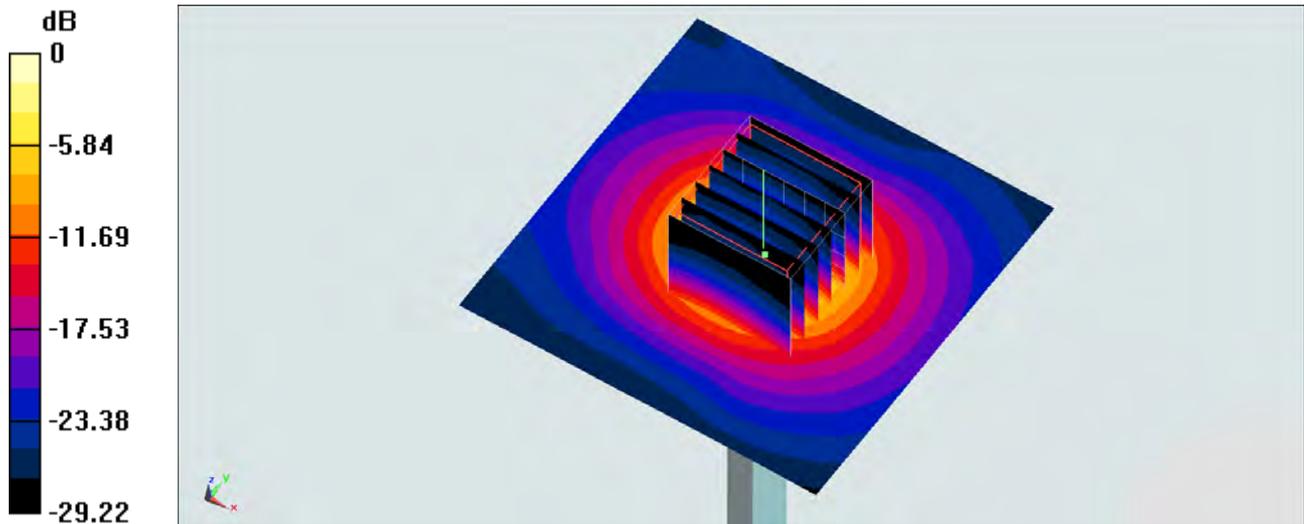
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 38.5 W/kg

**SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg

## System Check\_Body\_5300MHz\_150802

### DUT: D5GHzV2-1040-5300

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

Medium: MSL\_5G\_150802 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  S/m;  $\epsilon_r = 47.255$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 17.6 W/kg

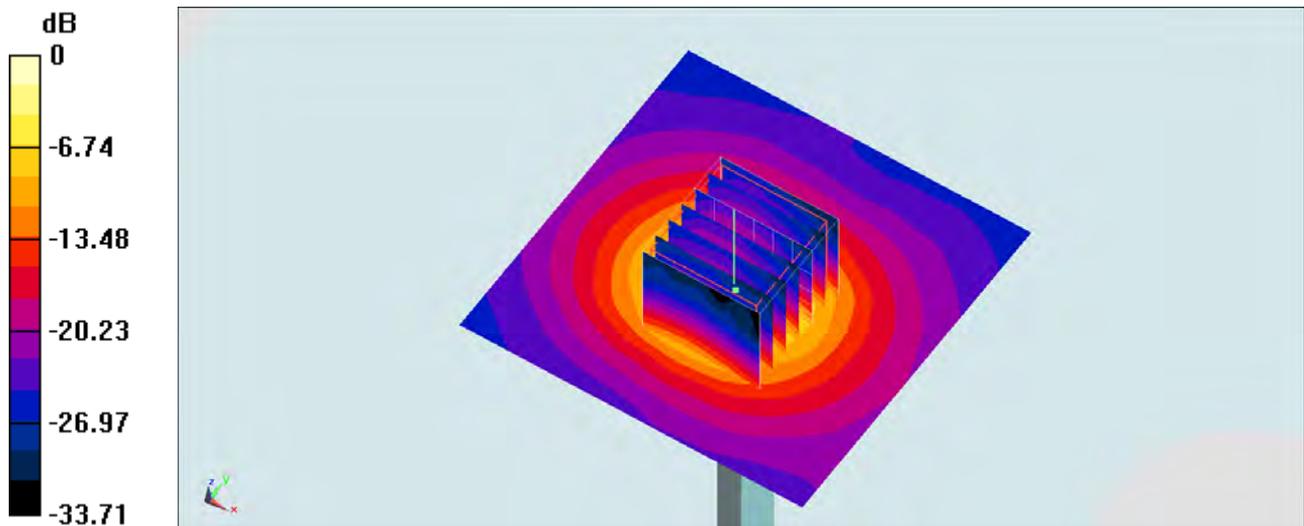
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.83 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 31.1 W/kg

**SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.05 W/kg**

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg = 12.74 dBW/kg

## System Check\_Head\_5600MHz\_150807

### DUT: D5GHzV2-1040-5600

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

Medium: HSL5G\_150807 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.939$  S/m;  $\epsilon_r = 35.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.6, 4.6, 4.6); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 22.9 W/kg

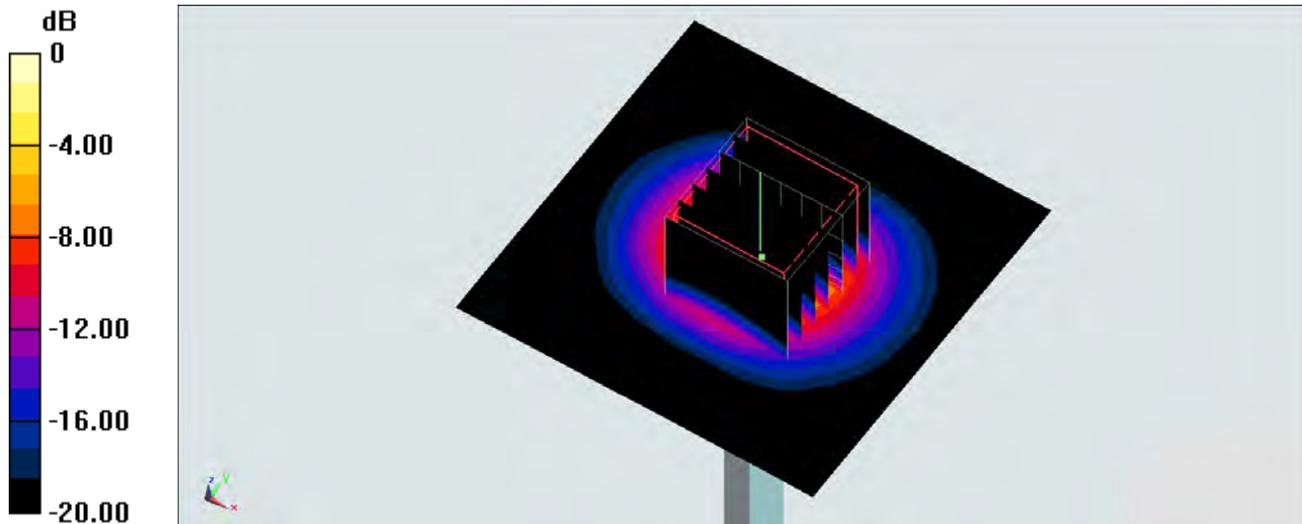
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.15 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 39.8 W/kg

**SAR(1 g) = 8.55 W/kg; SAR(10 g) = 2.36 W/kg**

Maximum value of SAR (measured) = 22.7 W/kg



0 dB = 22.7 W/kg = 13.56 dBW/kg

## System Check\_Body\_5600MHz\_150802

### DUT: D5GHzV2-1040-5600

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

Medium: MSL\_5G\_150802 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.653$  S/m;  $\epsilon_r = 46.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

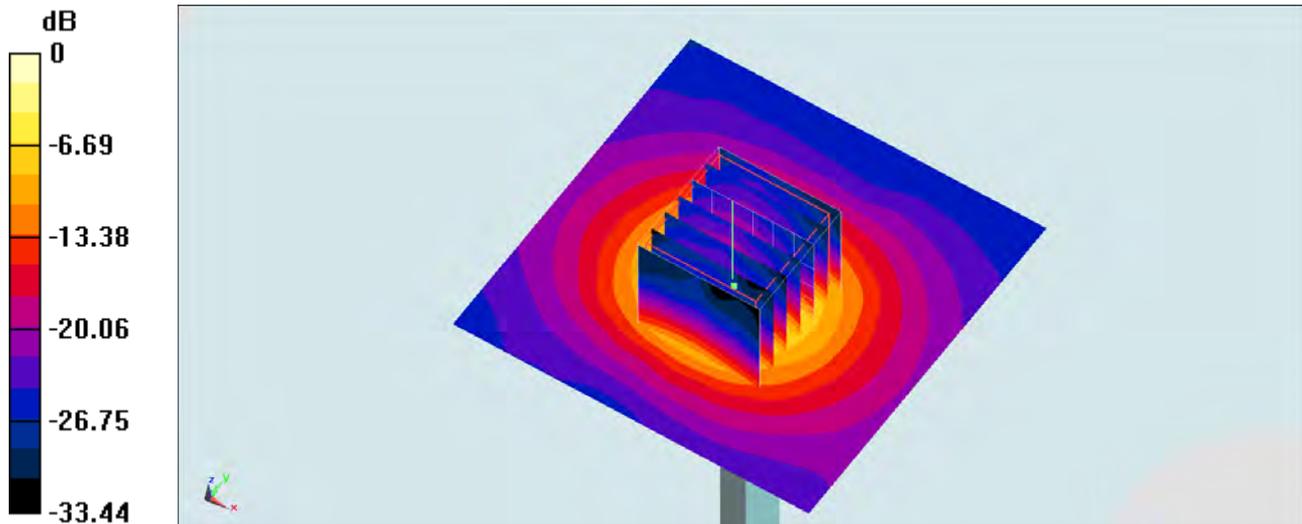
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.29 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 35.7 W/kg

**SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.26 W/kg**

Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg = 13.10 dBW/kg

## System Check\_Head\_5800MHz\_150808

### DUT: D5GHzV2-1040-5800

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

Medium: HSL5G\_150808 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.077$  S/m;  $\epsilon_r = 36.693$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.63, 4.63, 4.63); 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 21.4 W/kg

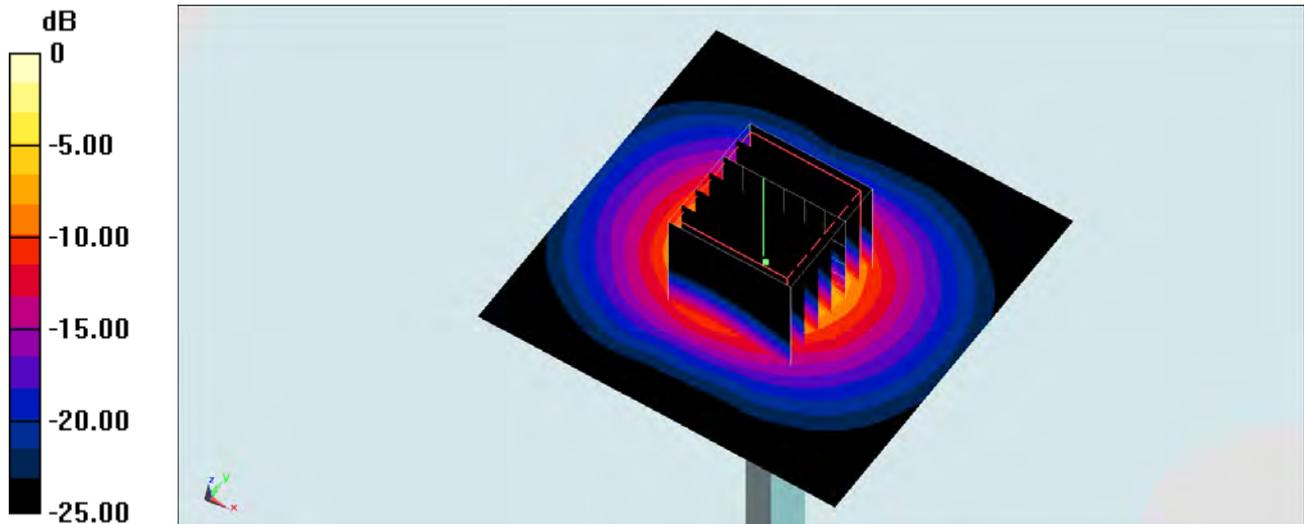
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.56 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 38.7 W/kg

**SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.24 W/kg**

Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 dBW/kg

## System Check\_Body\_5800MHz\_150802

### DUT: D5GHzV2-1040-5800

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

Medium: MSL\_5G\_150802 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.991$  S/m;  $\epsilon_r = 46.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**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

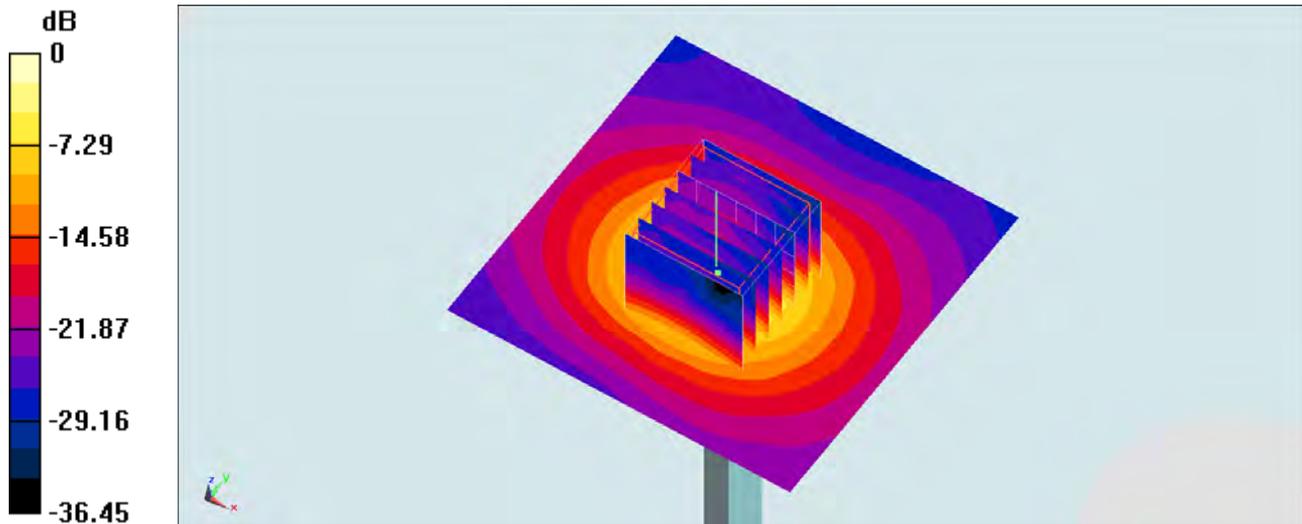
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.95 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 33.6 W/kg

**SAR(1 g) = 7.32 W/kg; SAR(10 g) = 2.02 W/kg**

Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 12.65 dBW/kg