

## System Check\_Head\_835MHz\_141126

**DUT: D835V2-4d092**

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

Medium: HSL\_850\_141126 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.32, 10.32, 10.32); Calibrated: 2014/9/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- 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) = 3.05 mW/g

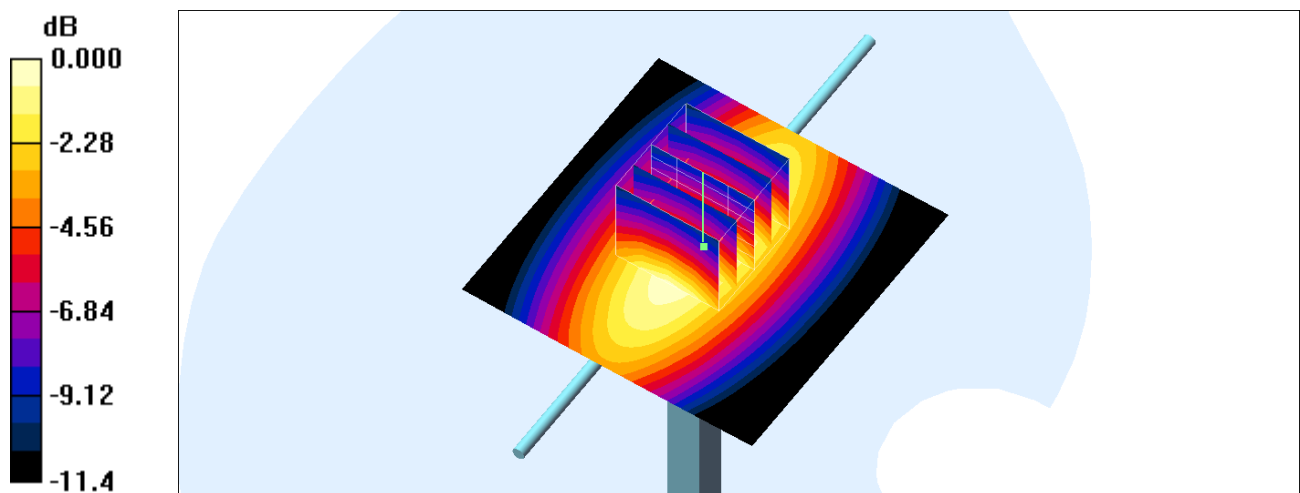
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.3 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 3.56 W/kg

**SAR(1 g) = 2.4 mW/g; SAR(10 g) = 1.59 mW/g**

Maximum value of SAR (measured) = 3.03 mW/g



0 dB = 3.03mW/g

### System Check\_Head\_835MHz\_141204

**DUT: D835V2-4d092**

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

Medium: HSL\_850\_141204 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.903 \text{ mho/m}$ ;  $\epsilon_r = 41$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.59, 8.59, 8.59); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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) = 3.07 mW/g

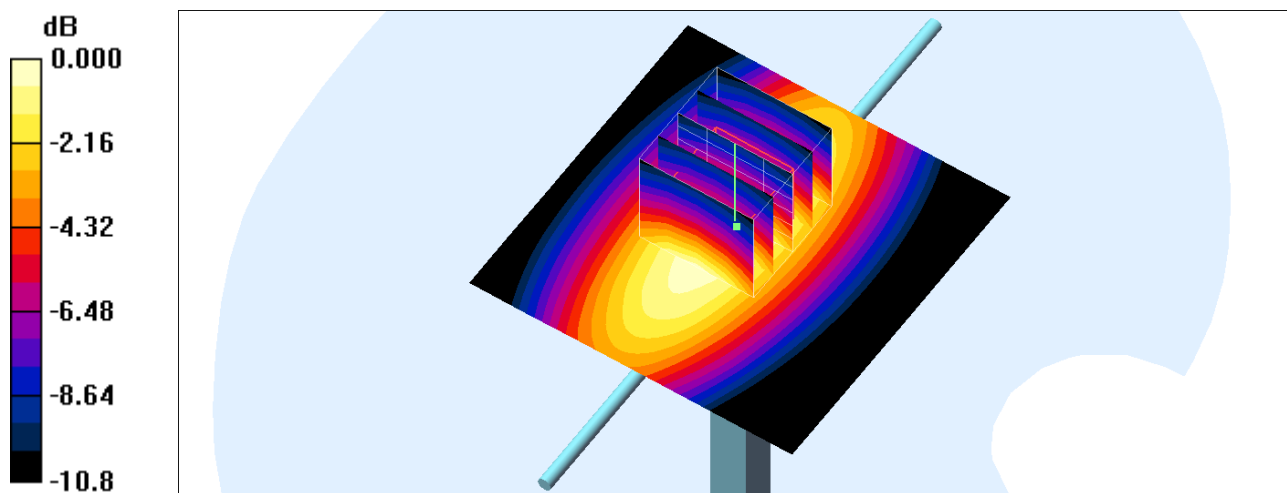
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.5 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 3.64 W/kg

**SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.59 mW/g**

Maximum value of SAR (measured) = 3.09 mW/g



0 dB = 3.09mW/g

## System Check\_Body\_835MHz\_141126

**DUT: D835V2-4d092**

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

Medium: MSL\_850\_141126 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.996$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25
- Sensor-Surface: 2mm (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=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.00 mW/g

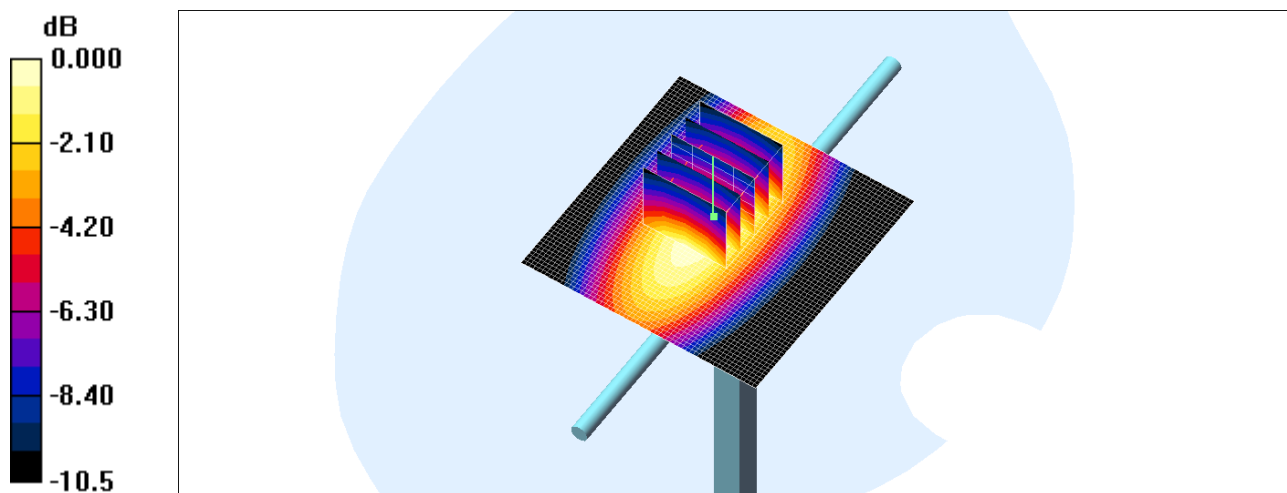
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.8 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 3.51 W/kg

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

Maximum value of SAR (measured) = 2.99 mW/g



0 dB = 2.99mW/g

## System Check\_Body\_835MHz\_141204

**DUT: D835V2-4d092**

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

Medium: MSL\_850\_141204 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.993 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(8.48, 8.48, 8.48); Calibrated: 2014/6/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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) =  $3.15 \text{ mW/g}$

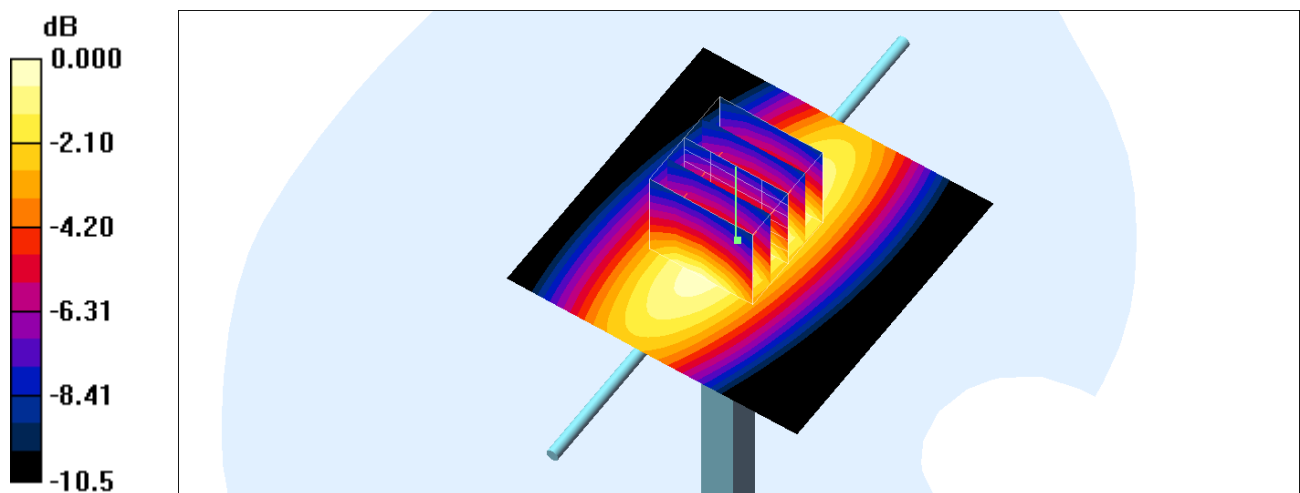
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $57.3 \text{ V/m}$ ; Power Drift =  $0.006 \text{ dB}$

Peak SAR (extrapolated) =  $3.64 \text{ W/kg}$

**SAR(1 g) =  $2.51 \text{ mW/g}$ ; SAR(10 g) =  $1.71 \text{ mW/g}$**

Maximum value of SAR (measured) =  $3.16 \text{ mW/g}$



0 dB =  $3.16 \text{ mW/g}$

## System Check\_Head\_1900MHz\_141126

**DUT: D1900V2-5d018**

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

Medium: HSL\_1900\_141126 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.17, 8.17, 8.17); Calibrated: 2014/9/25
- Sensor-Surface: 2mm (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) =  $16.3 \text{ mW/g}$

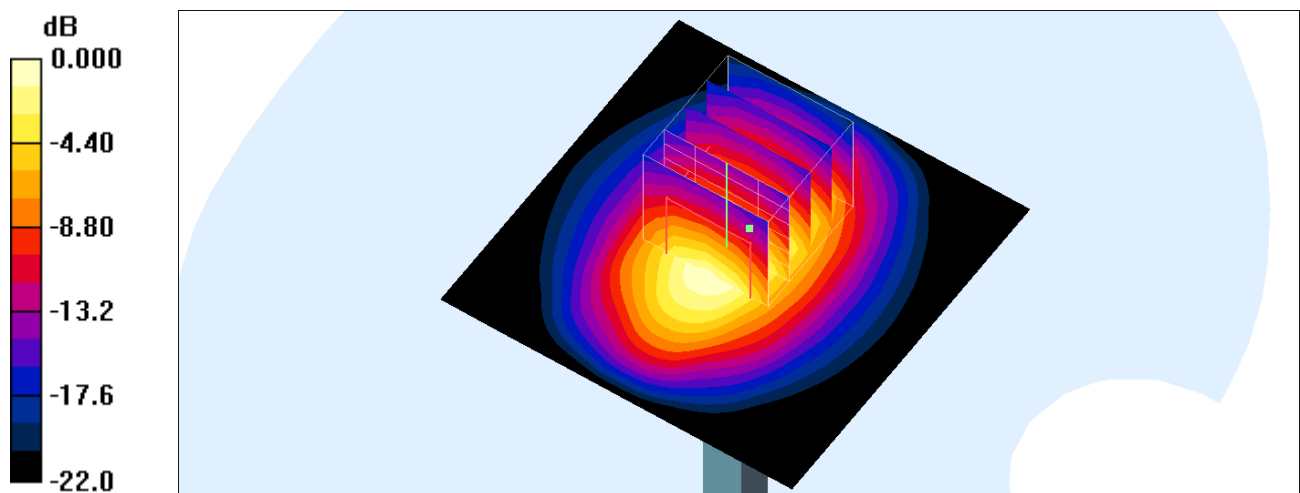
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $104.3 \text{ V/m}$ ; Power Drift =  $0.009 \text{ dB}$

Peak SAR (extrapolated) =  $19.4 \text{ W/kg}$

**SAR(1 g) =  $10.5 \text{ mW/g}$ ; SAR(10 g) =  $5.42 \text{ mW/g}$**

Maximum value of SAR (measured) =  $15.0 \text{ mW/g}$



0 dB =  $15.0\text{mW/g}$

## System Check\_Body\_1900MHz\_141125

### DUT: D1900V2-5d018

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

Medium: MSL\_1900\_141125 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25
- Sensor-Surface: 2mm (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=15mm, dy=15mm

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

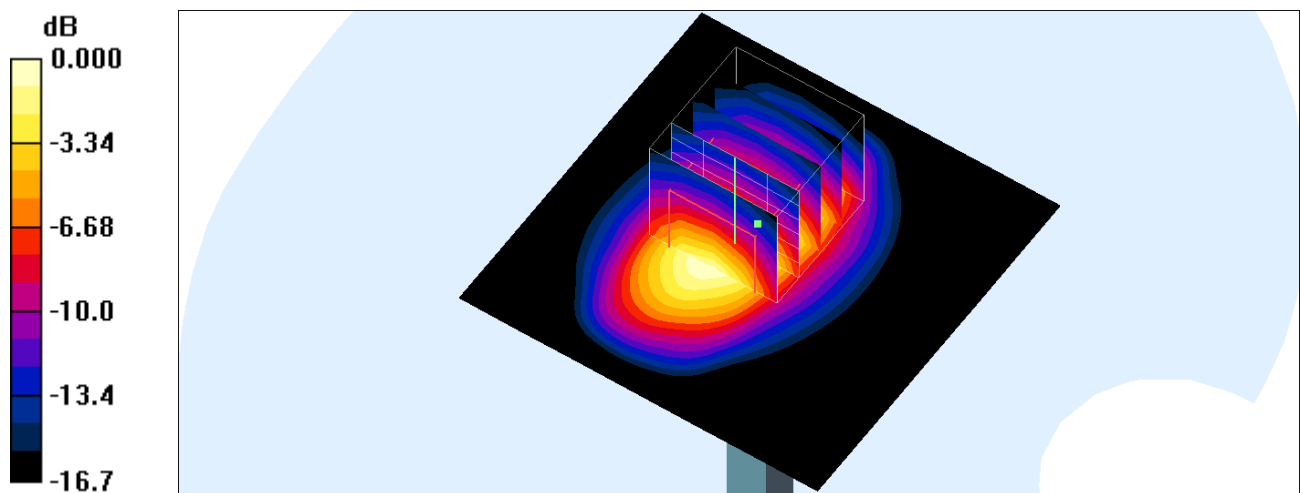
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.7 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 18.8 W/kg

**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.44 mW/g**

Maximum value of SAR (measured) = 14.9 mW/g



## System Check\_Head\_2450MHz\_141129

### DUT: D2450V2-869

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

Medium: HSL\_2450\_141129 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 39.275$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.52, 4.52, 4.52); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 19.4 W/kg

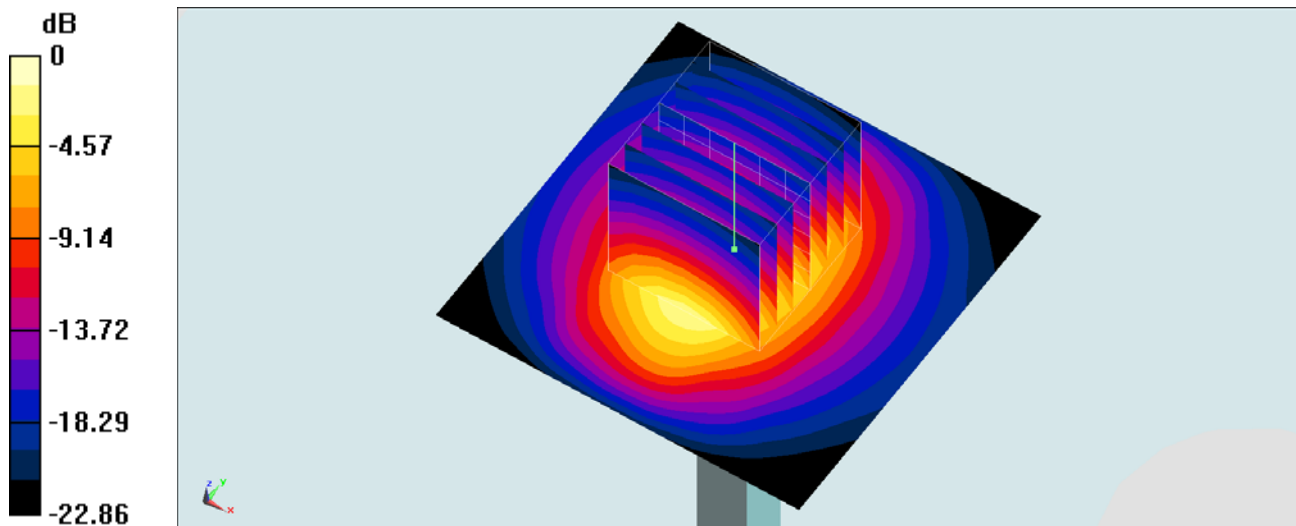
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.6 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 30.0 W/kg

**SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.47 W/kg**

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

## System Check\_Body\_2450MHz\_141130

### DUT: D2450V2-869

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

Medium: MSL\_2450\_141130 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.02$  S/m;  $\epsilon_r = 53.886$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: SAM\_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

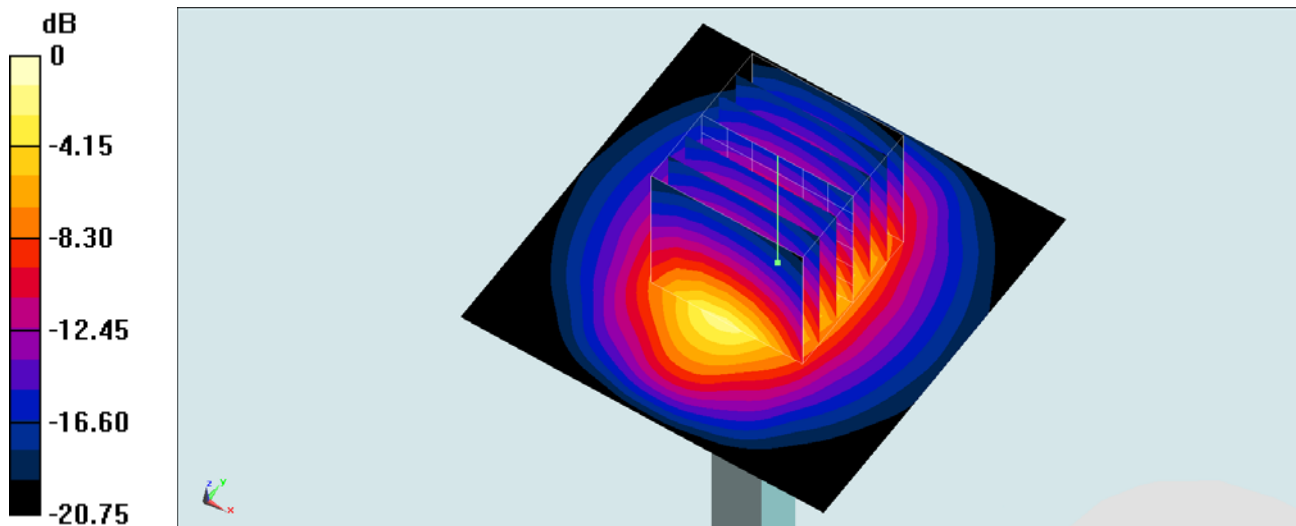
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.347 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 27.6 W/kg

**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.15 W/kg**

Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg