

### System Check\_Head\_750MHz

**DUT: D750V3-1078**

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

Medium: HSL\_750\_160531 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.891 \text{ mho/m}$ ;  $\epsilon_r = 42.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(10.22, 10.22, 10.22); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Right; Type: SAM\_Right; 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) =  $2.43 \text{ mW/g}$

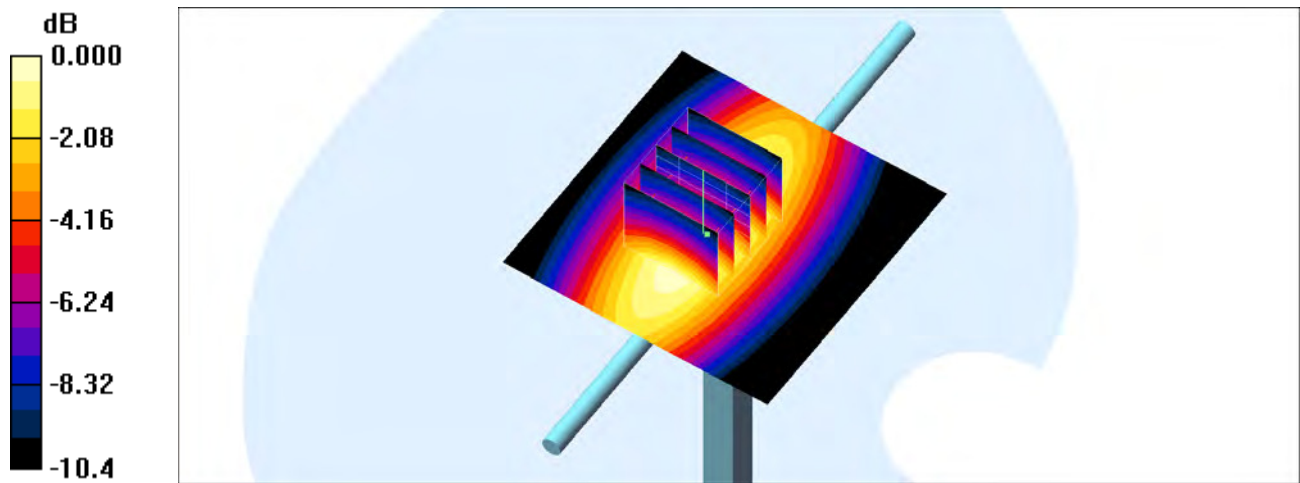
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $52.9 \text{ V/m}$ ; Power Drift =  $0.026 \text{ dB}$

Peak SAR (extrapolated) =  $2.85 \text{ W/kg}$

**SAR(1 g) =  $1.97 \text{ mW/g}$ ; SAR(10 g) =  $1.3 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.48 \text{ mW/g}$



0 dB =  $2.48\text{mW/g}$

## System Check\_Body\_750MHz

DUT: D750V3-1078

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

Medium: MSL\_750\_160523 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.961$  S/m;  $\epsilon_r = 54.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.36, 10.36, 10.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 2.93 W/kg

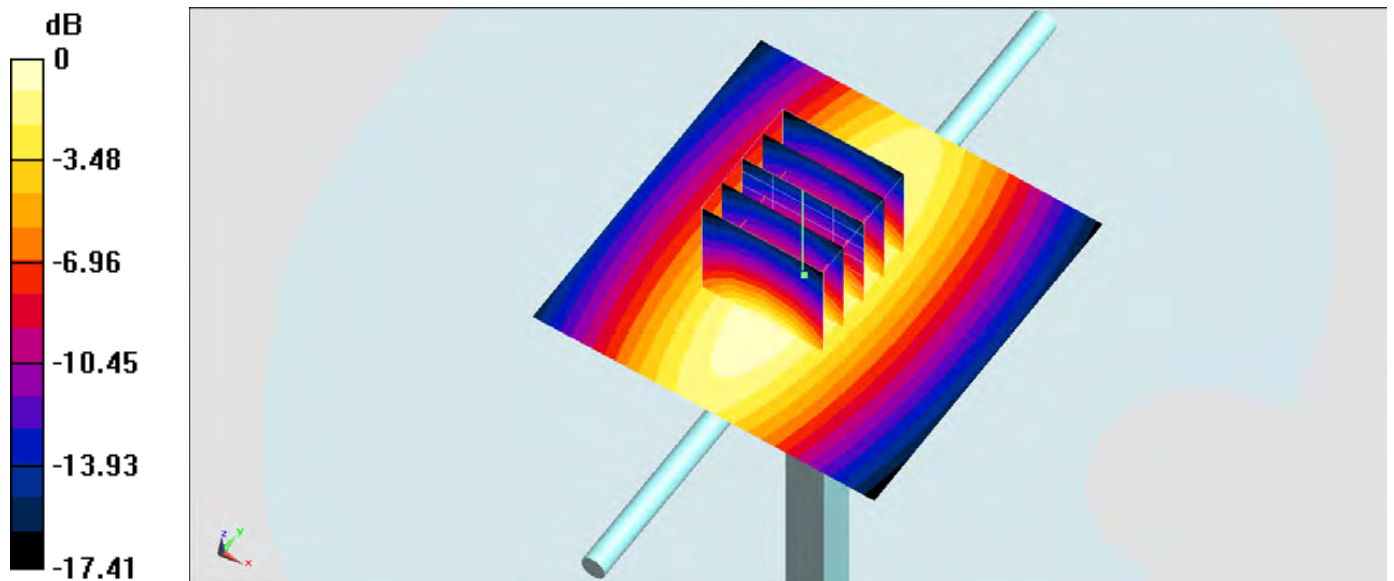
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.73 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.93 W/kg = 4.67 dBW/kg

### System Check\_Head\_835MHz

**DUT: D835V2-499**

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

Medium: HSL\_850\_160531 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(9.8, 9.8, 9.8); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Right; Type: SAM\_Right; 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) =  $3.41 \text{ mW/g}$

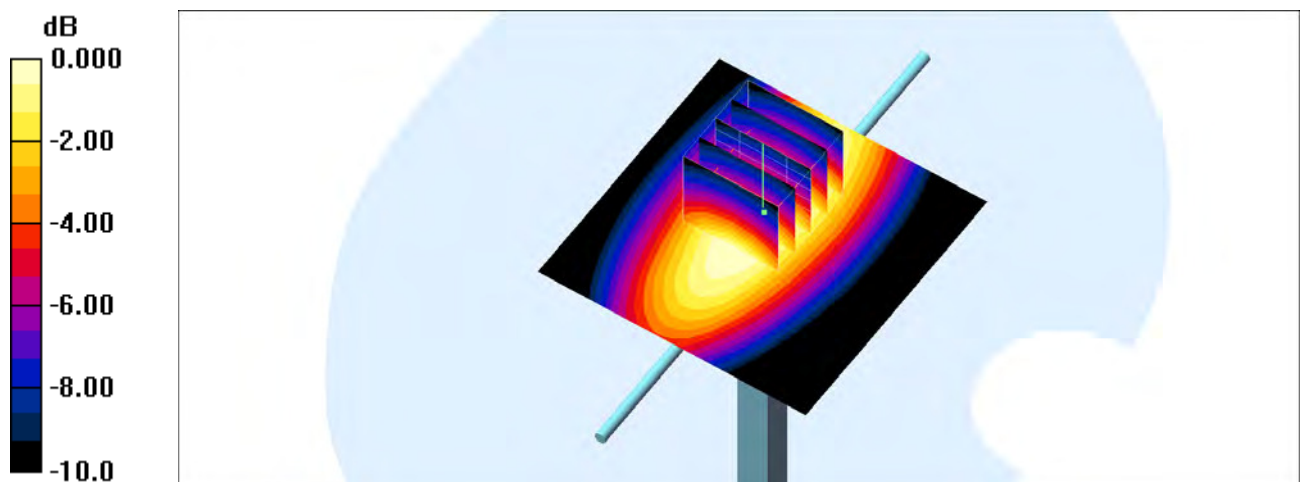
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $61.9 \text{ V/m}$ ; Power Drift =  $-0.064 \text{ dB}$

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

**SAR(1 g) =  $2.38 \text{ mW/g}$ ; SAR(10 g) =  $1.58 \text{ mW/g}$**

Maximum value of SAR (measured) =  $3.06 \text{ mW/g}$



0 dB =  $3.06\text{mW/g}$

## System Check\_Body\_835MHz

DUT: D835V2-499

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

Medium: MSL\_850\_160523 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.979 \text{ S/m}$ ;  $\epsilon_r = 56.64$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(10.08, 10.08, 10.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) =  $3.33 \text{ W/kg}$

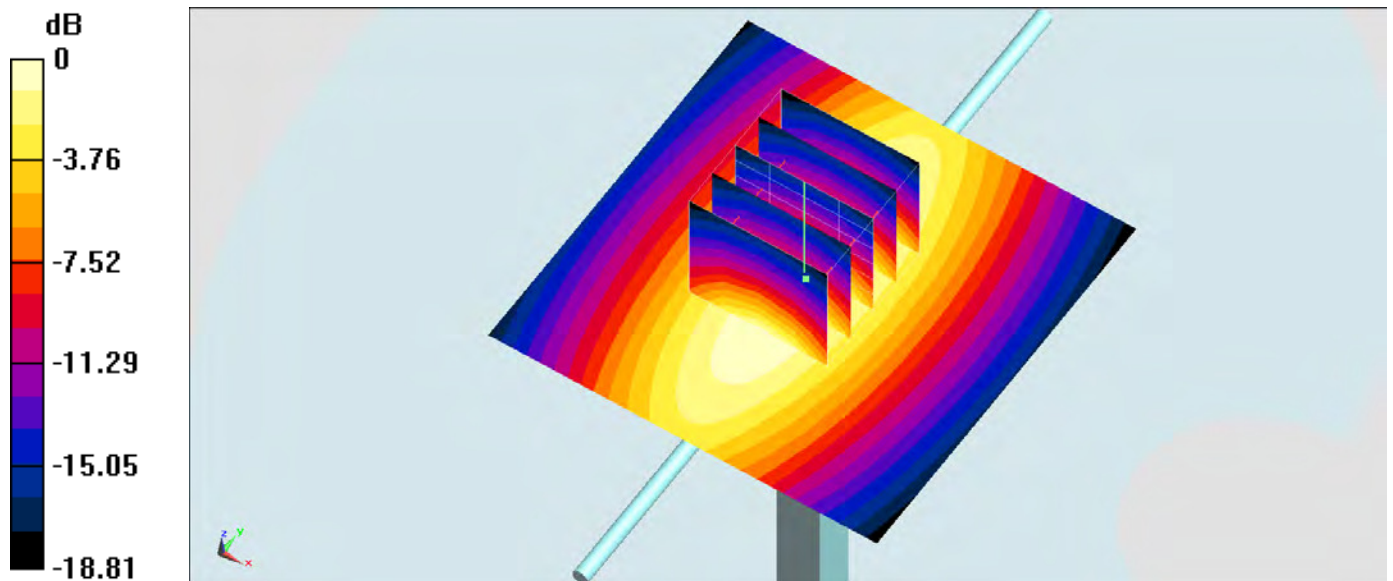
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $60.69 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $3.75 \text{ W/kg}$

SAR(1 g) =  $2.52 \text{ W/kg}$ ; SAR(10 g) =  $1.66 \text{ W/kg}$

Maximum value of SAR (measured) =  $3.31 \text{ W/kg}$



0 dB =  $3.33 \text{ W/kg} = 5.22 \text{ dBW/kg}$

## System Check\_Head\_1750MHz

**DUT: D1750V2-1068**

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

Medium: HSL\_1750\_160531 Medium parameters used:  $f = 1750 \text{ MHz}$ ;  $\sigma = 1.38 \text{ mho/m}$ ;  $\epsilon_r = 40.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.6, 8.6, 8.6); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;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) =  $13.9 \text{ mW/g}$

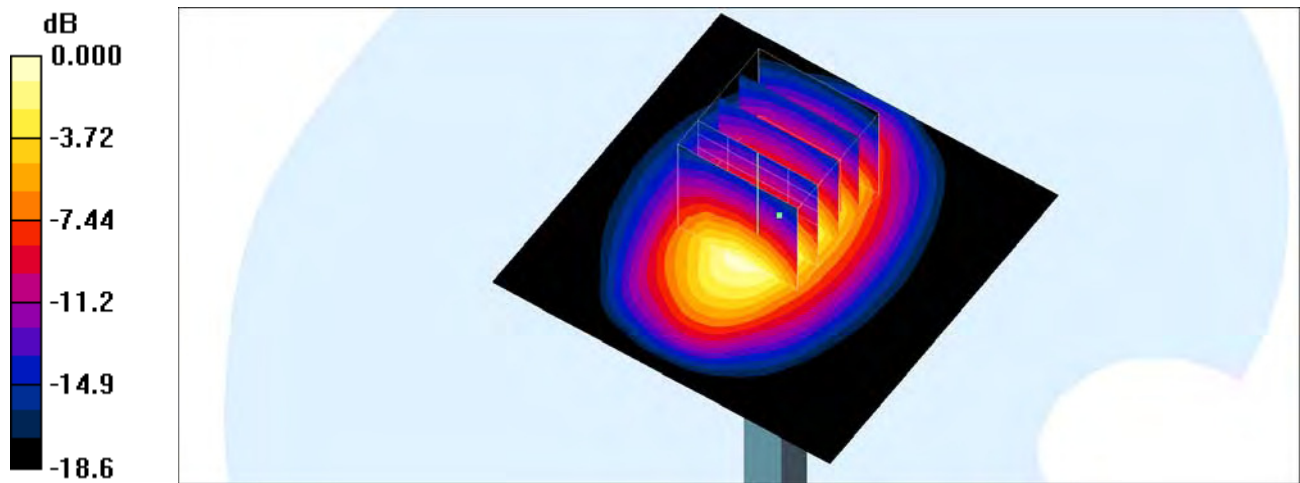
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $95.6 \text{ V/m}$ ; Power Drift =  $0.006 \text{ dB}$

Peak SAR (extrapolated) =  $16.5 \text{ W/kg}$

**SAR(1 g) =  $9.04 \text{ mW/g}$ ; SAR(10 g) =  $4.75 \text{ mW/g}$**

Maximum value of SAR (measured) =  $12.7 \text{ mW/g}$



0 dB =  $12.7\text{mW/g}$

## System Check\_Body\_1750MHz

**DUT: D1750V2-1068**

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

Medium: MSL\_1750\_160522 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.45$  S/m;  $\epsilon_r = 52.371$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(8.25, 8.25, 8.25); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

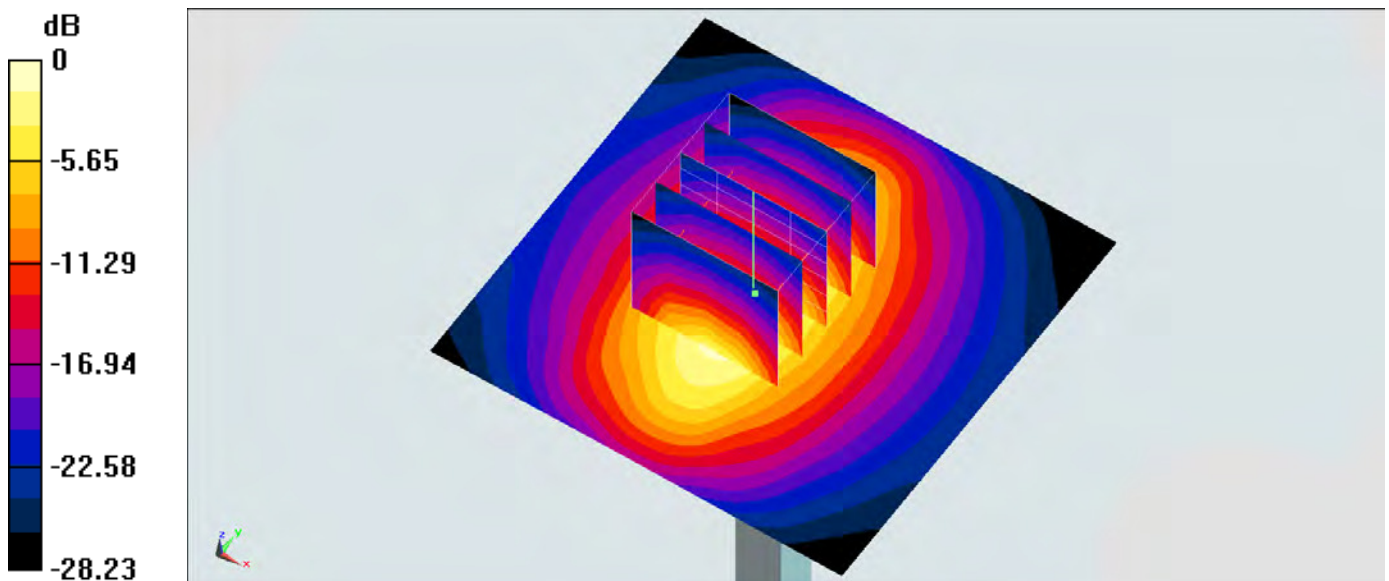
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.56 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 16.2 W/kg

**SAR(1 g) = 9.32 W/kg; SAR(10 g) = 5.01 W/kg**

Maximum value of SAR (measured) = 13.0 W/kg



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

## System Check\_Body\_1750MHz

**DUT: D1750V2-1068**

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

Medium: MSL\_1750\_160525 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.502$  S/m;  $\epsilon_r = 55.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(8.25, 8.25, 8.25); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 13.7 W/kg

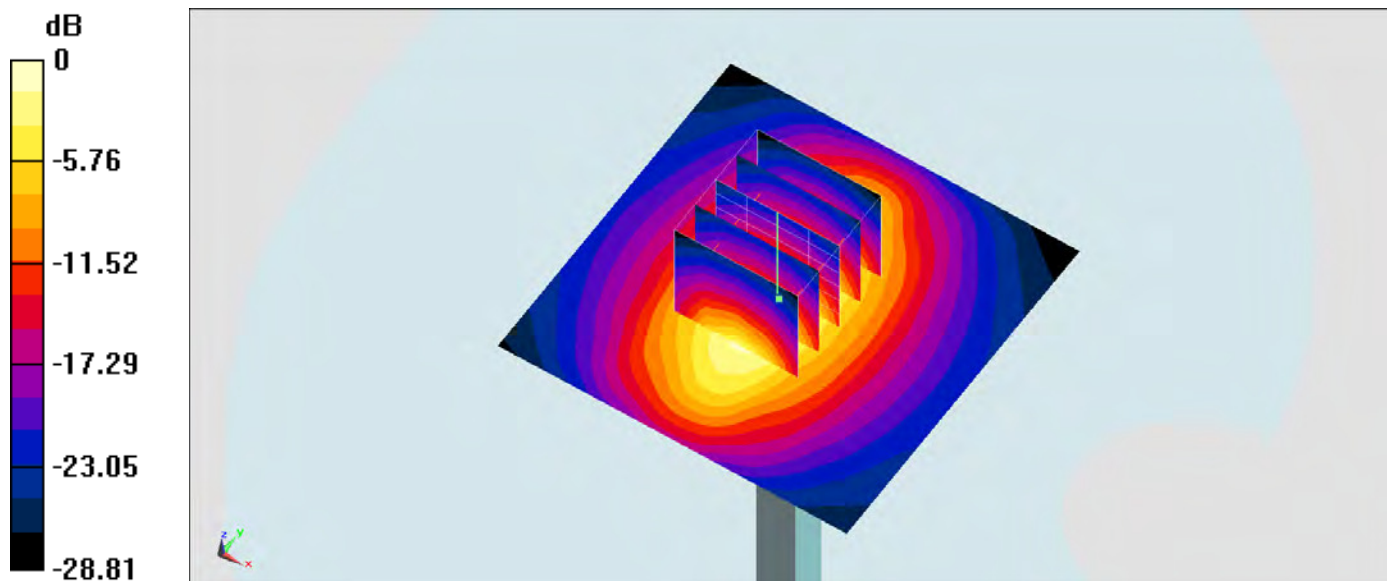
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.53 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 16.0 W/kg

**SAR(1 g) = 9.12 W/kg; SAR(10 g) = 4.9 W/kg**

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

### System Check\_Head\_1900MHz

**DUT: D1900V2-5d041**

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

Medium: HSL\_1900\_160531 Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(8.33, 8.33, 8.33); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Left; Type: QD 000 P40 C; Serial: TP-1150
- ;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) =  $16.1 \text{ mW/g}$

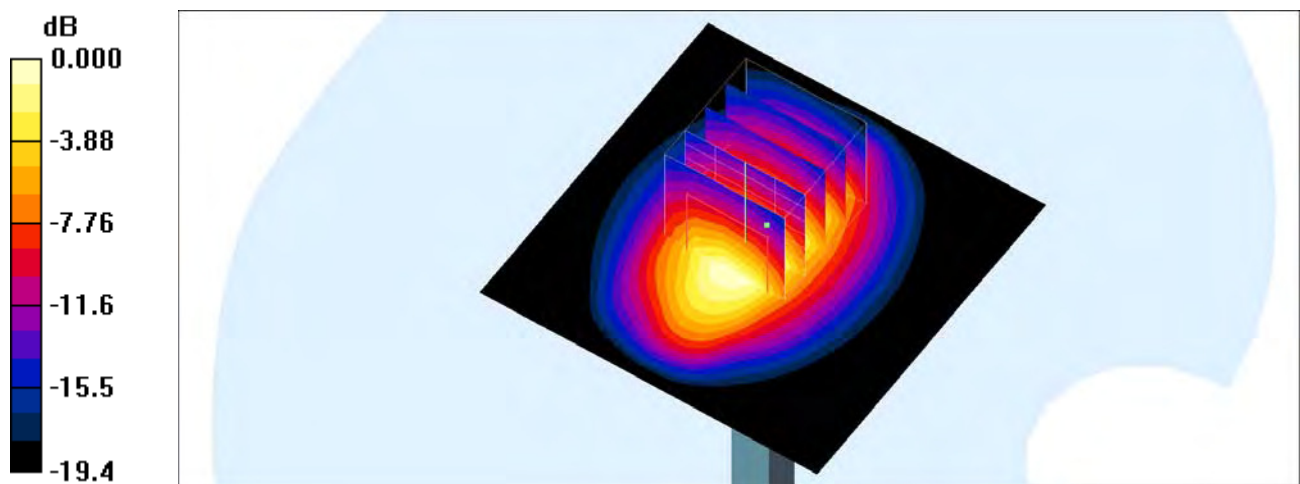
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $106.6 \text{ V/m}$ ; Power Drift =  $0.143 \text{ dB}$

Peak SAR (extrapolated) =  $17.9 \text{ W/kg}$

**SAR(1 g) =  $9.98 \text{ mW/g}$ ; SAR(10 g) =  $5.25 \text{ mW/g}$**

Maximum value of SAR (measured) =  $14.8 \text{ mW/g}$



0 dB =  $14.8\text{mW/g}$



## System Check\_Body\_1900MHz

### DUT: D1900V2-5d041

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

Medium: MSL\_1900\_160522 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 54.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 16.4 W/kg

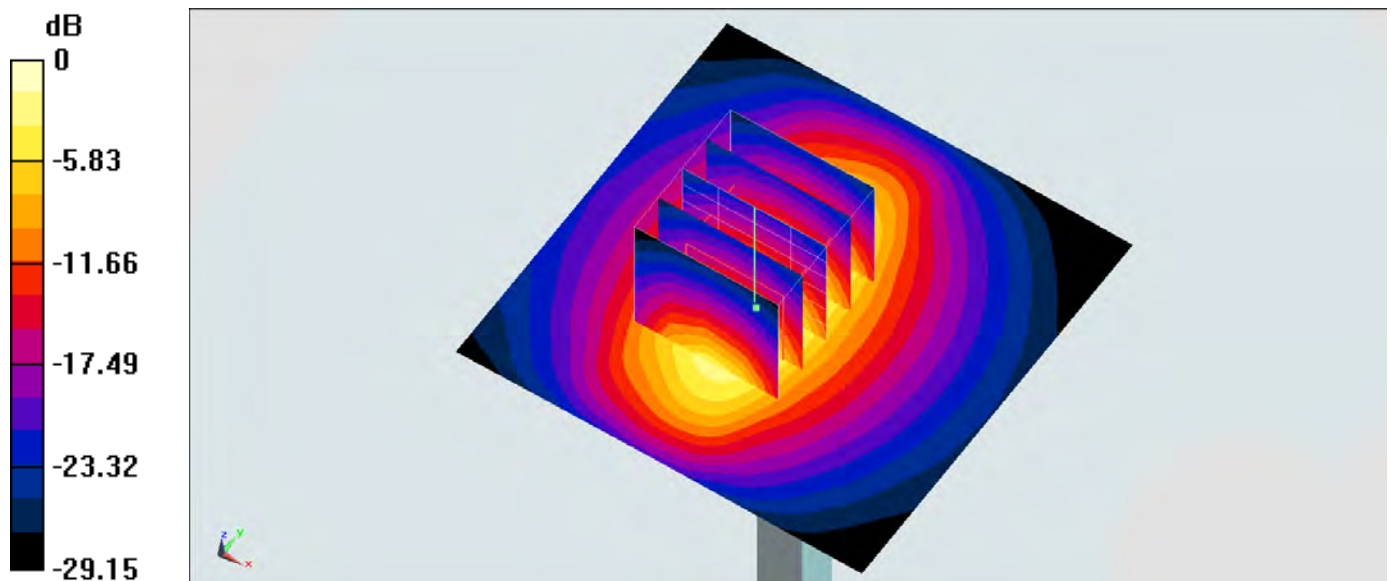
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.62 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.23 W/kg**

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 16.4 W/kg = 12.15 dBW/kg

## System Check\_Body\_1900MHz

DUT: D1900V2-5d041

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

Medium: MSL\_1900\_160530 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 55.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

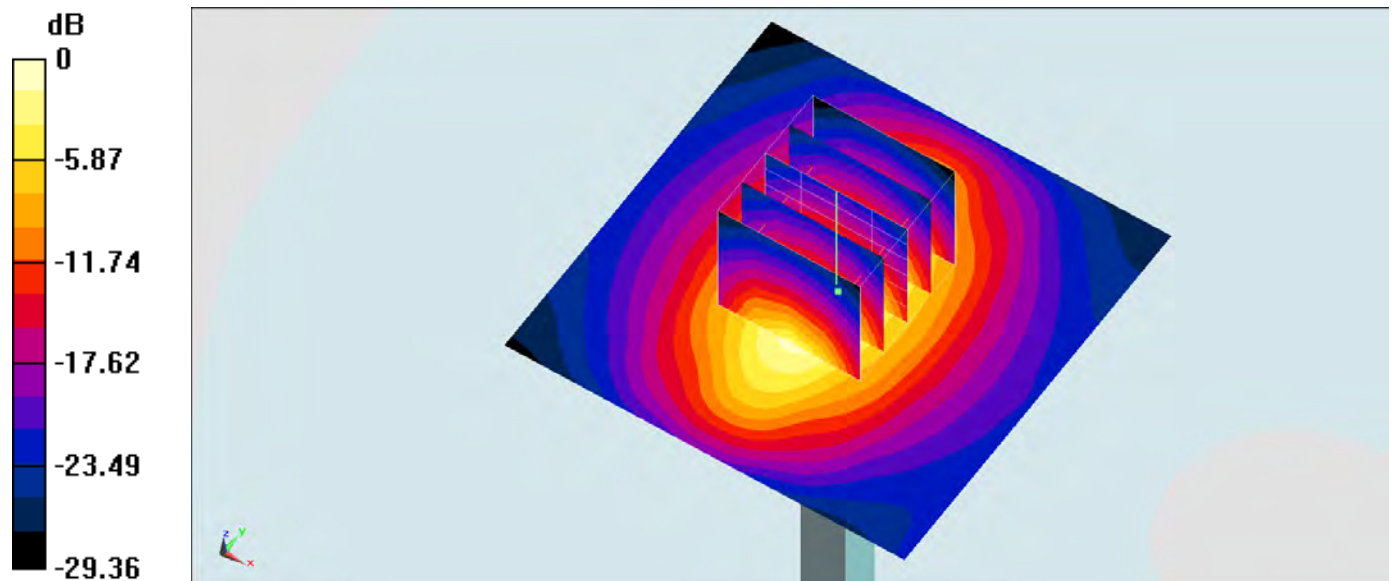
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.1 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.68 W/kg; SAR(10 g) = 5.08 W/kg

Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

## System Check\_Body\_1900MHz

DUT: **D1900V2-5d041**

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

Medium: MSL\_1900\_160530 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.522$  S/m;  $\epsilon_r = 55.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 15.1 W/kg

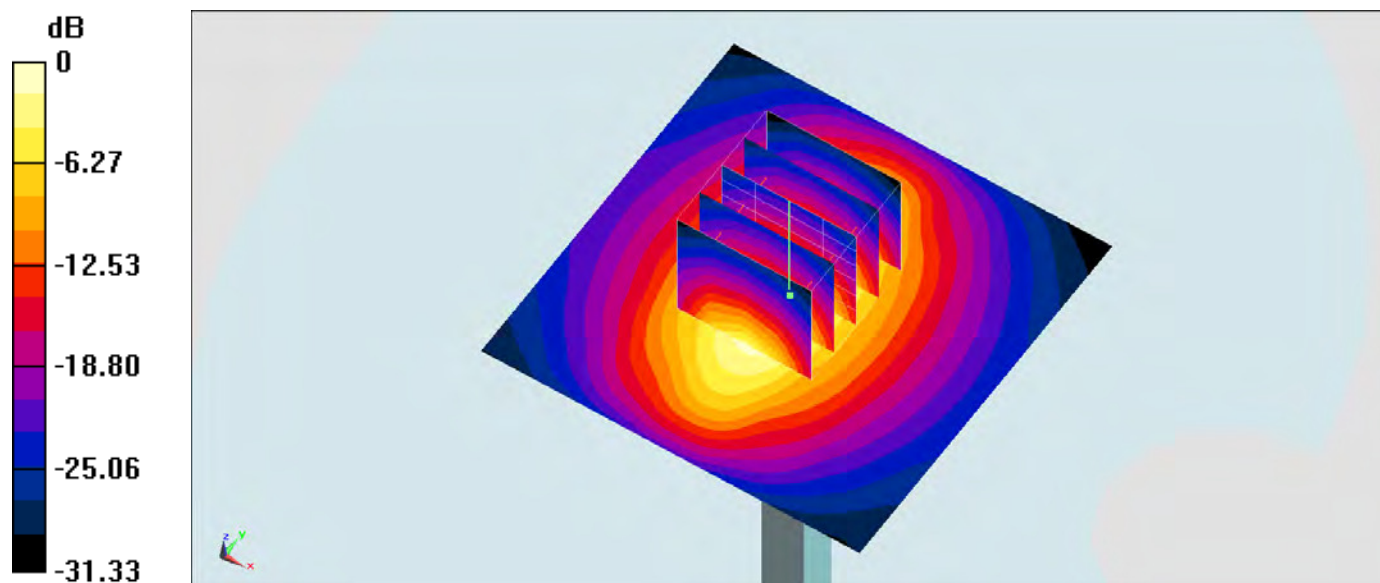
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.7 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 18.0 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.26 W/kg**

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



0 dB = 15.1 W/kg = 11.79 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_160529 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.797$  S/m;  $\epsilon_r = 37.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.51, 7.51, 7.51); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 20.7 W/kg

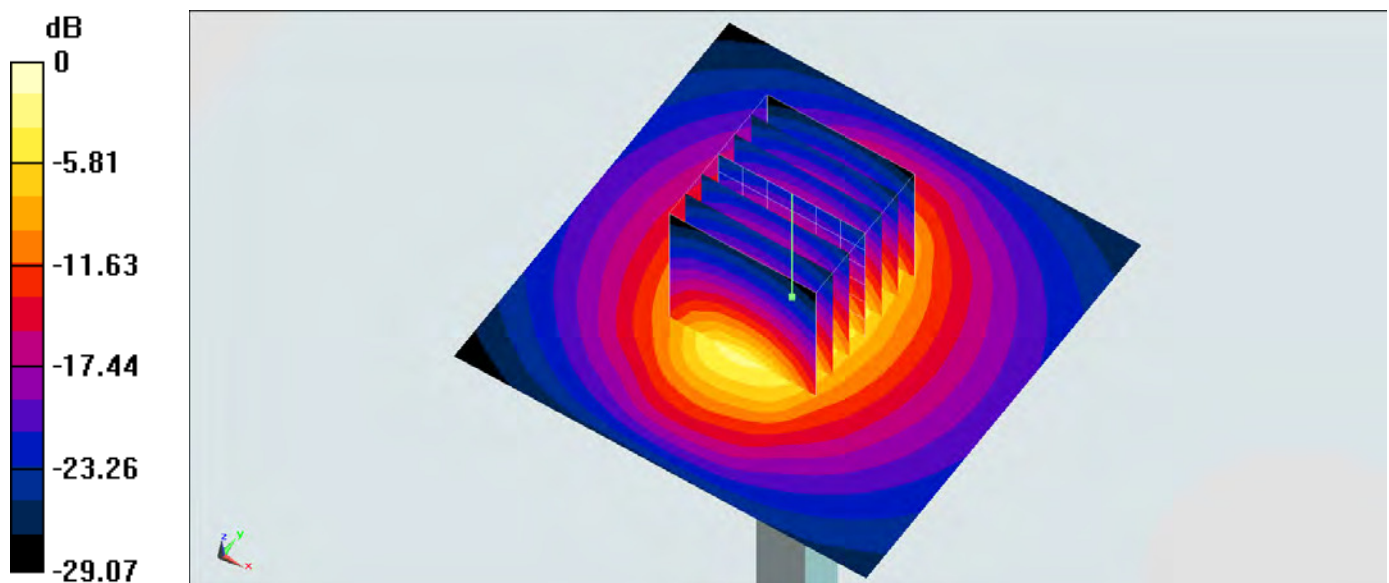
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.5 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 25.2 W/kg

**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.82 W/kg**

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.7 W/kg = 13.16 dBW/kg

## System Check\_Body\_2450MHz

### DUT: D2450V2-736

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

Medium: MSL\_2450\_160601 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.43, 7.43, 7.43); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Right; Type: SAM\_Right; 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) =  $22.5 \text{ mW/g}$

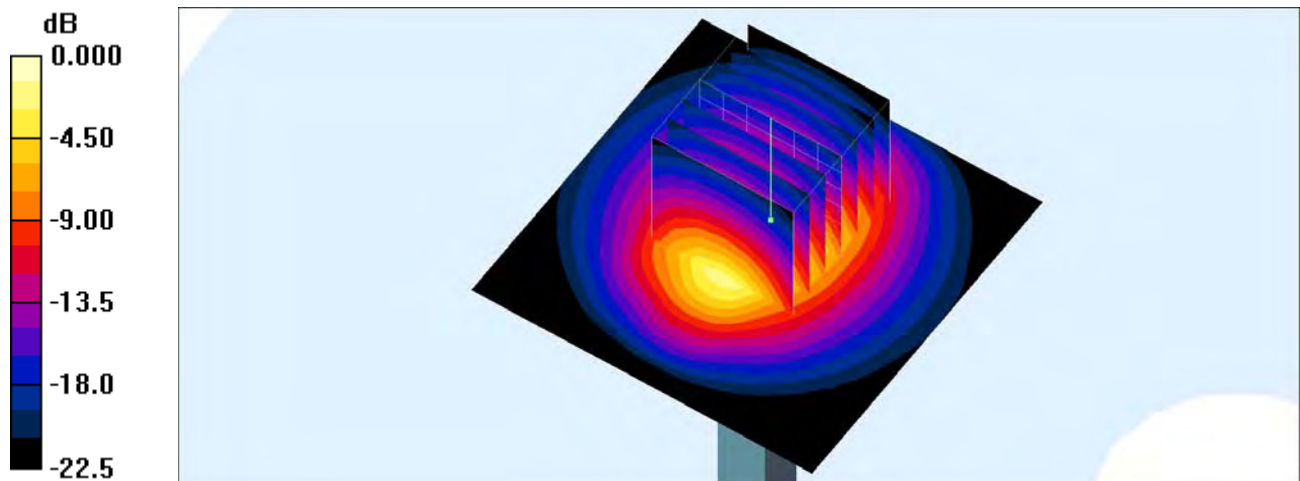
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $104.1 \text{ V/m}$ ; Power Drift =  $0.130 \text{ dB}$

Peak SAR (extrapolated) =  $26.3 \text{ W/kg}$

**SAR(1 g) =  $12.4 \text{ mW/g}$ ; SAR(10 g) =  $5.46 \text{ mW/g}$**

Maximum value of SAR (measured) =  $20.9 \text{ mW/g}$



### System Check\_Head\_2600MHz

**DUT: D2600V2-1008**

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

Medium: HSL\_2600\_160601 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.15, 7.15, 7.15); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Right; Type: SAM\_Right; 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) = 24.5 mW/g

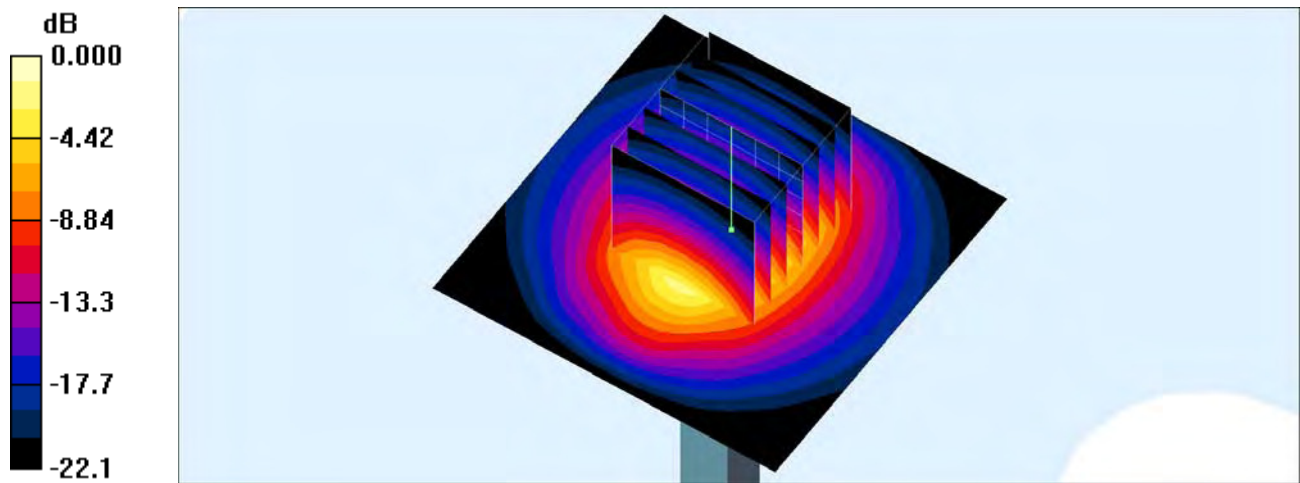
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.0 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 30.7 W/kg

**SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.07 mW/g**

Maximum value of SAR (measured) = 24.1 mW/g



## System Check\_Body\_2600MHz

DUT: D2600V2-1008

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

Medium: MSL\_2600\_160524 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.195$  S/m;  $\epsilon_r = 53.895$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.23, 7.23, 7.23); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2015/10/15
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 23.7 W/kg

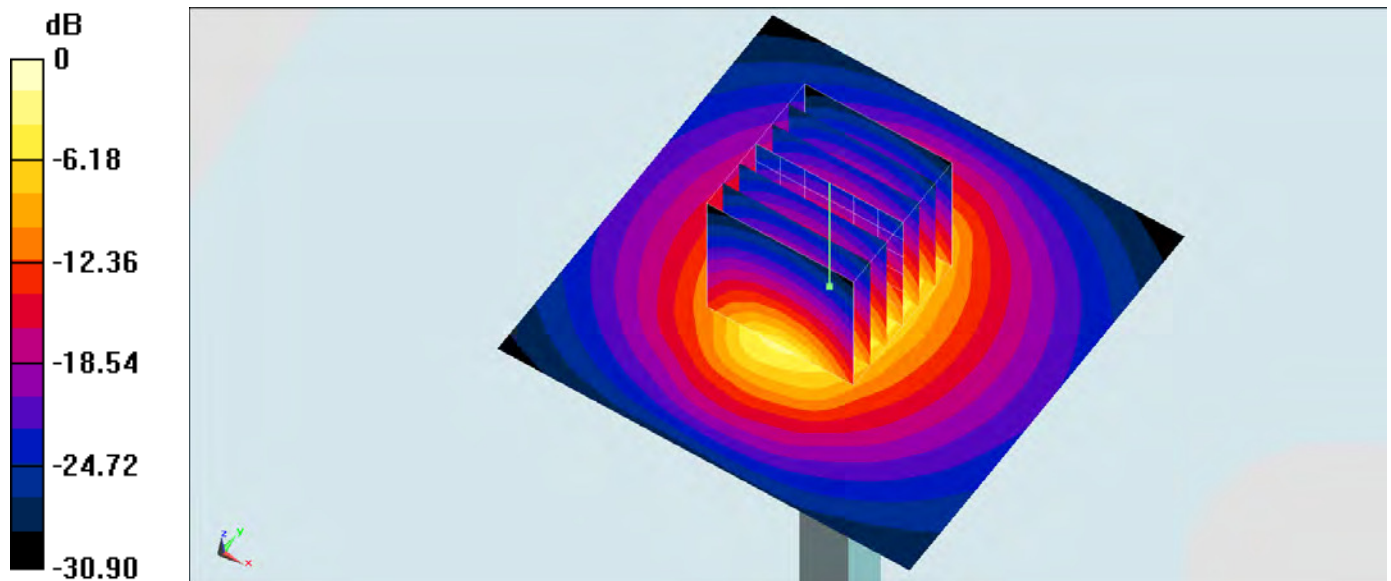
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.7 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 29.9 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 5.99 W/kg

Maximum value of SAR (measured) = 23.6 W/kg



0 dB = 23.7 W/kg = 13.75 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_160529 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.529$  S/m;  $\epsilon_r = 37.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.13, 5.13, 5.13); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 18.9 W/kg

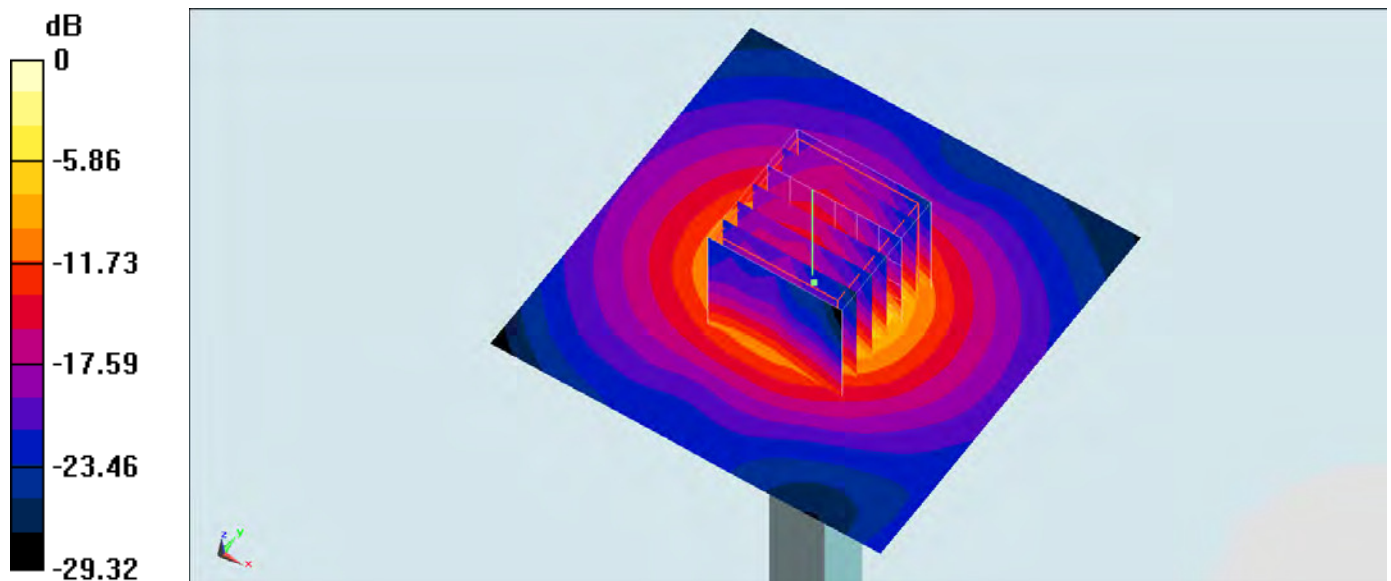
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.88 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 28.3 W/kg

**SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.11 W/kg**

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



0 dB = 18.9 W/kg = 12.76 dBW/kg



## System Check\_Body\_5250MHz

DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_160529 Medium parameters used:  $f = 5250 \text{ MHz}$ ;  $\sigma = 5.537 \text{ S/m}$ ;  $\epsilon_r = 47.171$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) =  $20.3 \text{ W/kg}$

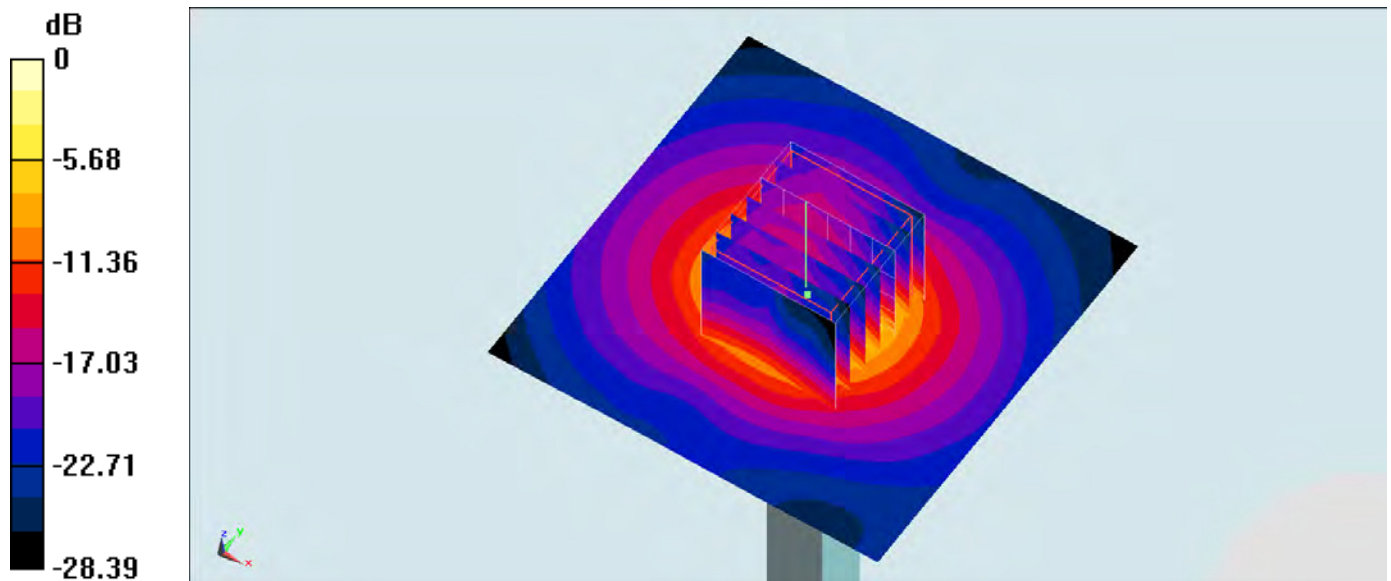
Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $66.81 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $29.7 \text{ W/kg}$

SAR(1 g) =  $7.66 \text{ W/kg}$ ; SAR(10 g) =  $2.17 \text{ W/kg}$

Maximum value of SAR (measured) =  $18.2 \text{ W/kg}$



0 dB =  $20.3 \text{ W/kg} = 13.07 \text{ dBW/kg}$

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1128

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

Medium: HSL\_5G\_160529 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.863$  S/m;  $\epsilon_r = 36.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

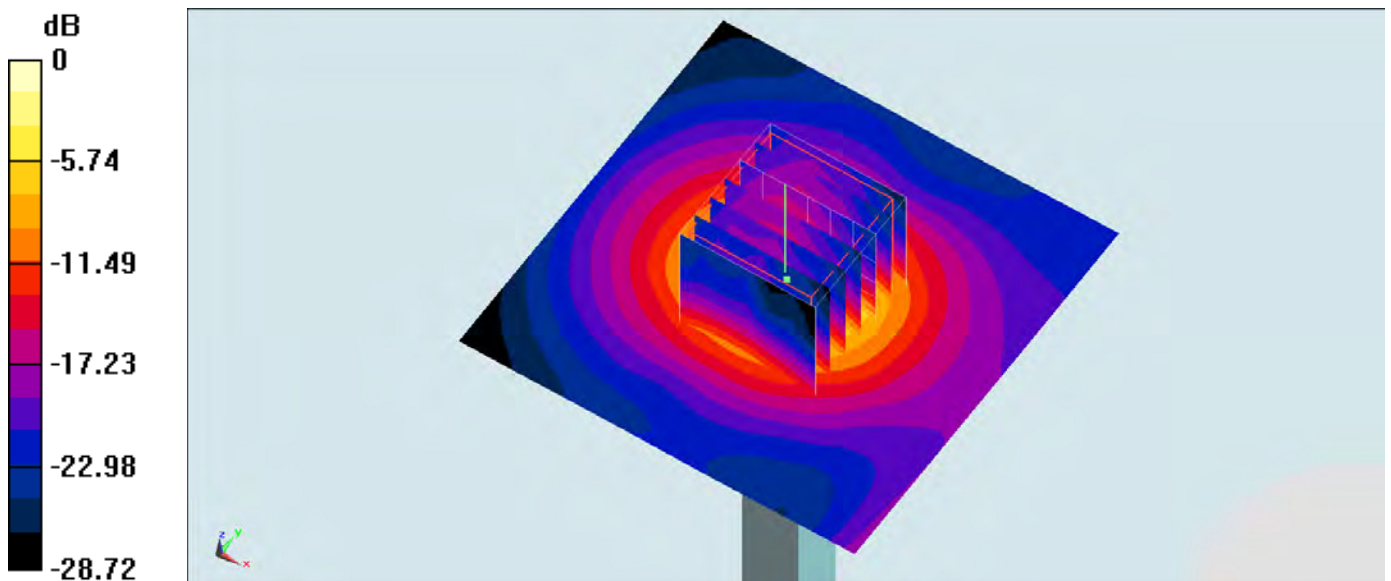
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.44 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 31.5 W/kg

**SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.22 W/kg**

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



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

### System Check\_Body\_5600MHz

#### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_160601 Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 5.85 \text{ mho/m}$ ;  $\epsilon_r = 46.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(3.9, 3.9, 3.9); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=100mW/Area Scan (71x71x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $20.9 \text{ mW/g}$

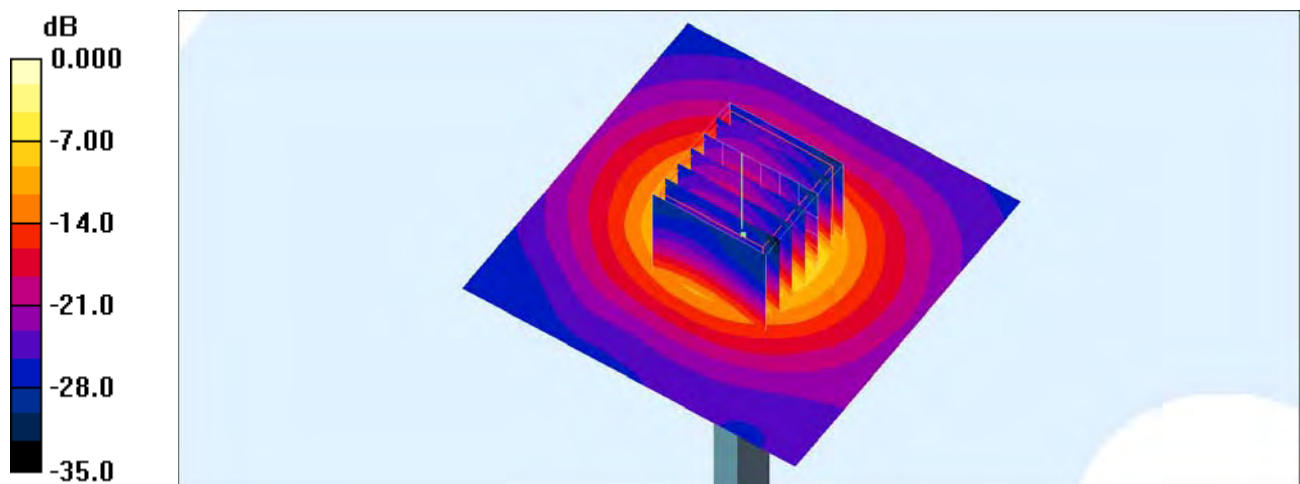
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $67.2 \text{ V/m}$ ; Power Drift =  $-0.028 \text{ dB}$

Peak SAR (extrapolated) =  $33.9 \text{ W/kg}$

**SAR(1 g) =  $8.43 \text{ mW/g}$ ; SAR(10 g) =  $2.29 \text{ mW/g}$**

Maximum value of SAR (measured) =  $20.8 \text{ mW/g}$



0 dB =  $20.8\text{mW/g}$

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1128

Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_160529 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.018$  S/m;  $\epsilon_r = 36.587$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.58, 4.58, 4.58); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

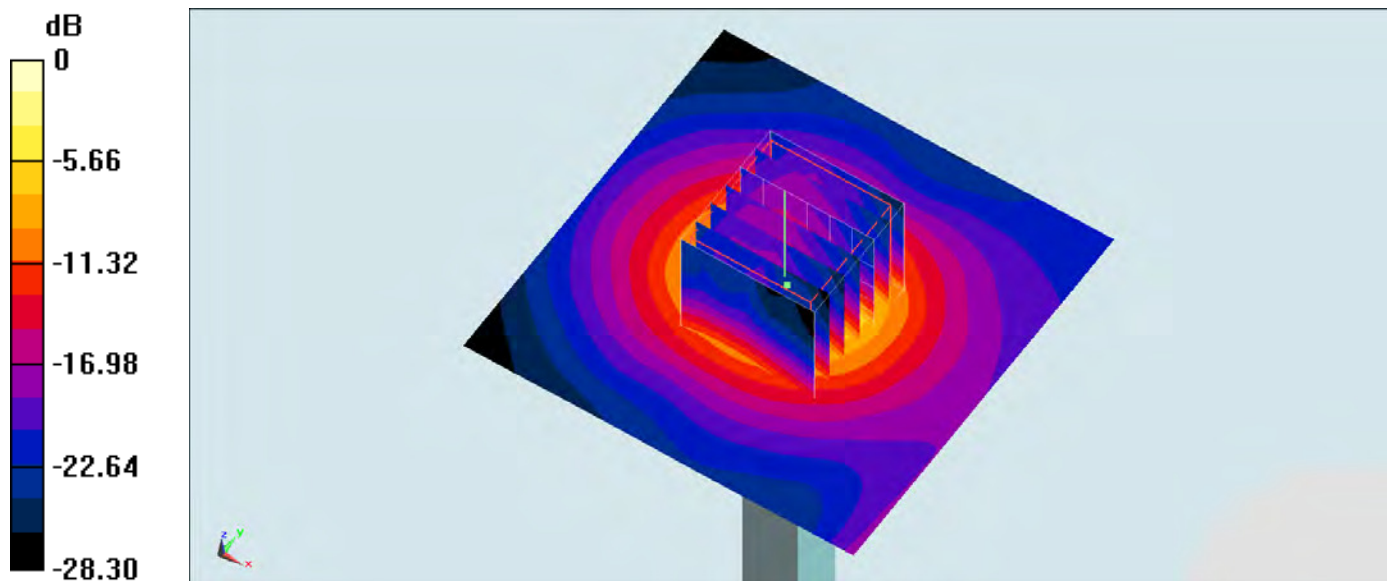
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.86 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 30.3 W/kg

**SAR(1 g) = 7.32 W/kg; SAR(10 g) = 2.09 W/kg**

Maximum value of SAR (measured) = 18.2 W/kg



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

## System Check\_Body\_5800MHz

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_160601 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.1 \text{ mho/m}$ ;  $\epsilon_r = 45.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.08, 4.08, 4.08); Calibrated: 2015/9/2
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2015/12/16
- Phantom: SAM\_Right; Type: SAM\_Right; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=100mW/Area Scan (71x71x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $20.9 \text{ mW/g}$

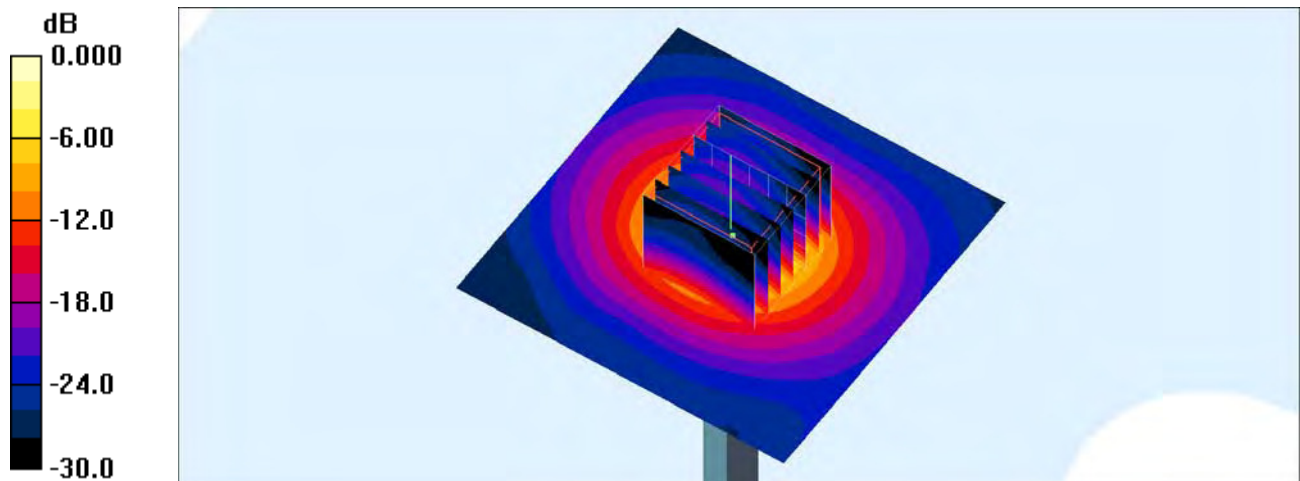
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $65.7 \text{ V/m}$ ; Power Drift =  $-0.028 \text{ dB}$

Peak SAR (extrapolated) =  $33.8 \text{ W/kg}$

**SAR(1 g) =  $8.4 \text{ mW/g}$ ; SAR(10 g) =  $2.29 \text{ mW/g}$**

Maximum value of SAR (measured) =  $20.8 \text{ mW/g}$



0 dB =  $20.8\text{mW/g}$