

**System Check\_Head\_750MHz\_140504****DUT: D750V3-1099**

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

Medium: HSL\_750\_140504 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.88 \text{ S/m}$ ;  $\epsilon_r = 40.797$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(10.34, 10.34, 10.34); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $2.58 \text{ W/kg}$

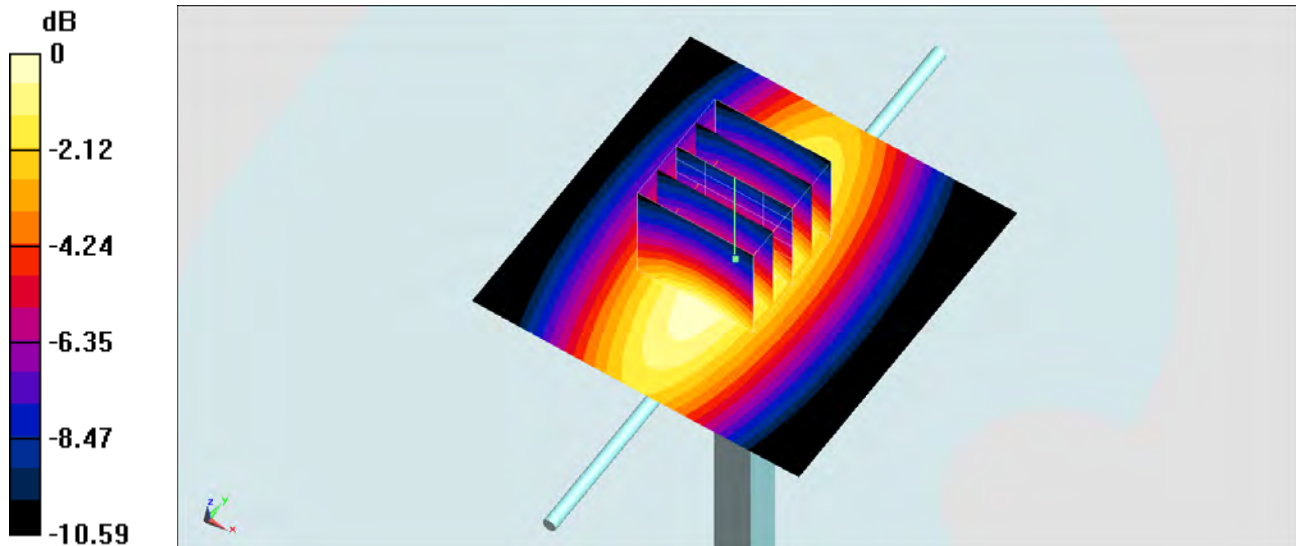
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $55.022 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.06 \text{ W/kg}$

**SAR(1 g) =  $2.03 \text{ W/kg}$ ; SAR(10 g) =  $1.34 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.58 \text{ W/kg}$



$0 \text{ dB} = 2.58 \text{ W/kg} = 4.12 \text{ dBW/kg}$

**System Check\_Body\_750MHz\_140511****DUT: D750V3-1099**

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

Medium: MSL\_750\_140511 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.97 \text{ S/m}$ ;  $\epsilon_r = 54.642$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(9.89, 9.89, 9.89); Calibrated: 2013/11/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) =  $2.65 \text{ W/kg}$

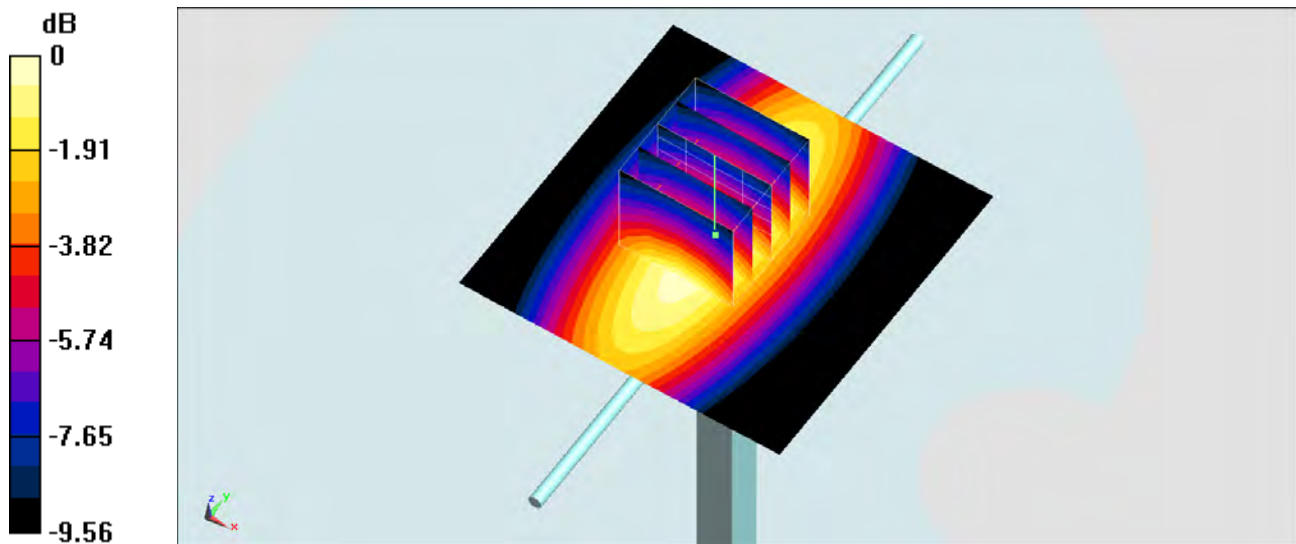
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $52.942 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.10 \text{ W/kg}$

**SAR(1 g) =  $2.16 \text{ W/kg}$ ; SAR(10 g) =  $1.47 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.68 \text{ W/kg}$



0 dB =  $2.68 \text{ W/kg}$  =  $4.28 \text{ dBW/kg}$

**System Check\_Body\_750MHz\_140514****DUT: D750V3-1099**

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

Medium: MSL\_750\_140514 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.975 \text{ S/m}$ ;  $\epsilon_r = 54.039$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3770; ConvF(9.54, 9.54, 9.54); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) =  $3.29 \text{ W/kg}$

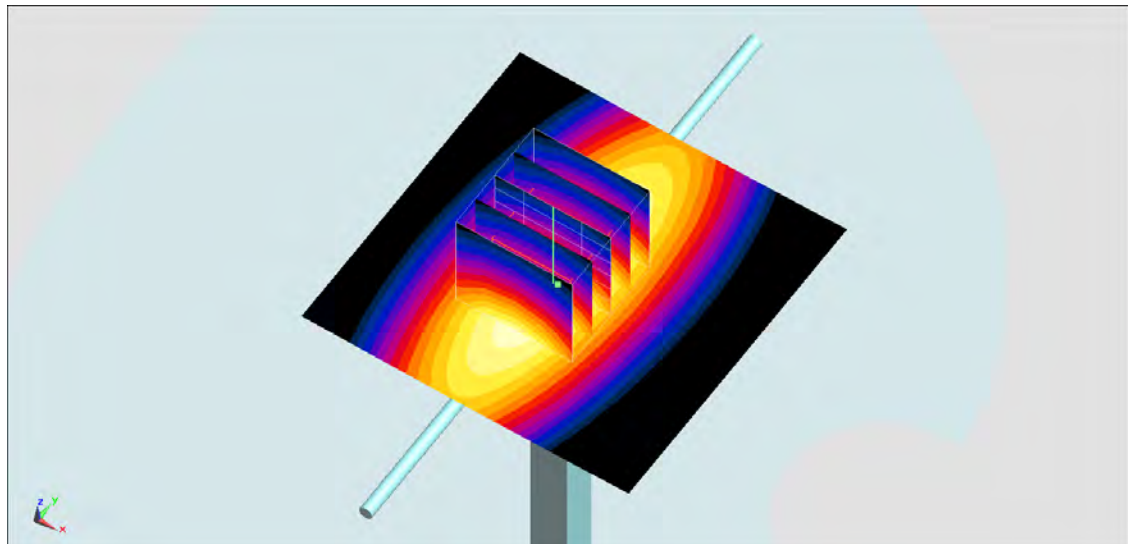
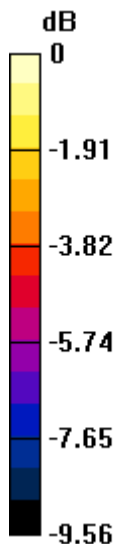
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $57.840 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

Peak SAR (extrapolated) =  $3.80 \text{ W/kg}$

**SAR(1 g) =  $2.31 \text{ W/kg}$ ; SAR(10 g) =  $1.61 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.30 \text{ W/kg}$



0 dB =  $3.30 \text{ W/kg}$  =  $5.19 \text{ dBW/kg}$

## System Check\_Head\_835MHz\_140505

### DUT: D835V2-499

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

Medium: HSL\_850\_140505 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 42.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.11, 10.11, 10.11); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 3.22 W/kg

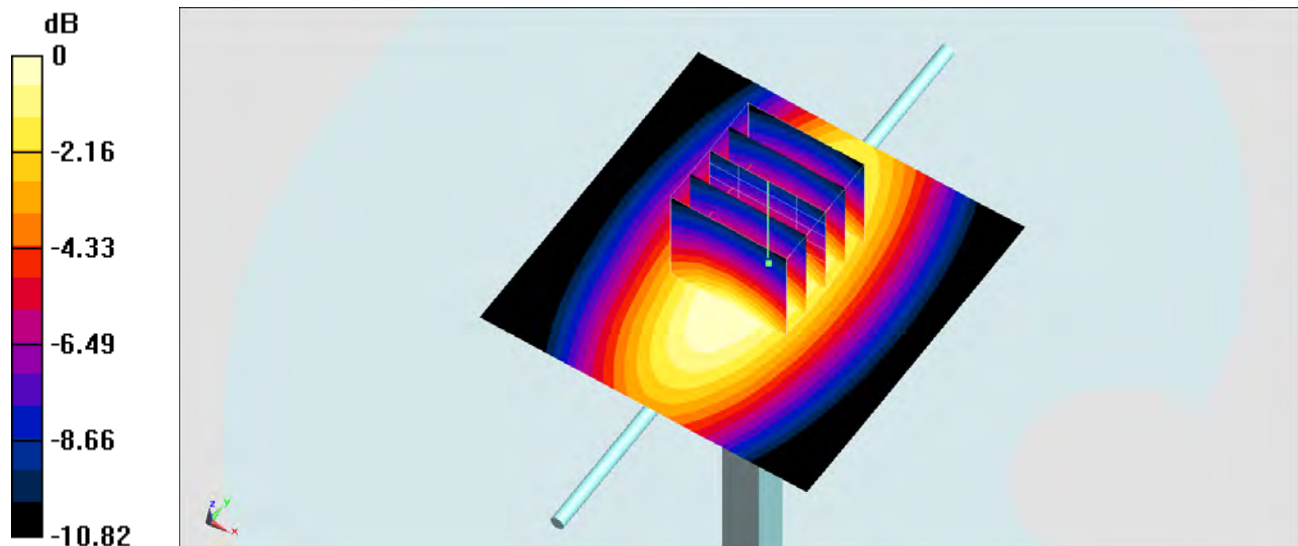
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.723 V/m; Power Drift = -0.58 dB

Peak SAR (extrapolated) = 3.34 W/kg

**SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.46 W/kg**

Maximum value of SAR (measured) = 2.83 W/kg



0 dB = 2.83 W/kg = 4.52 dBW/kg

## System Check\_Head\_835MHz\_140515

### DUT: D835V2-499

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

Medium: HSL\_850\_140515 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 40.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM RIGHT; Type: SAM; Serial: 1801
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 2.79 W/kg

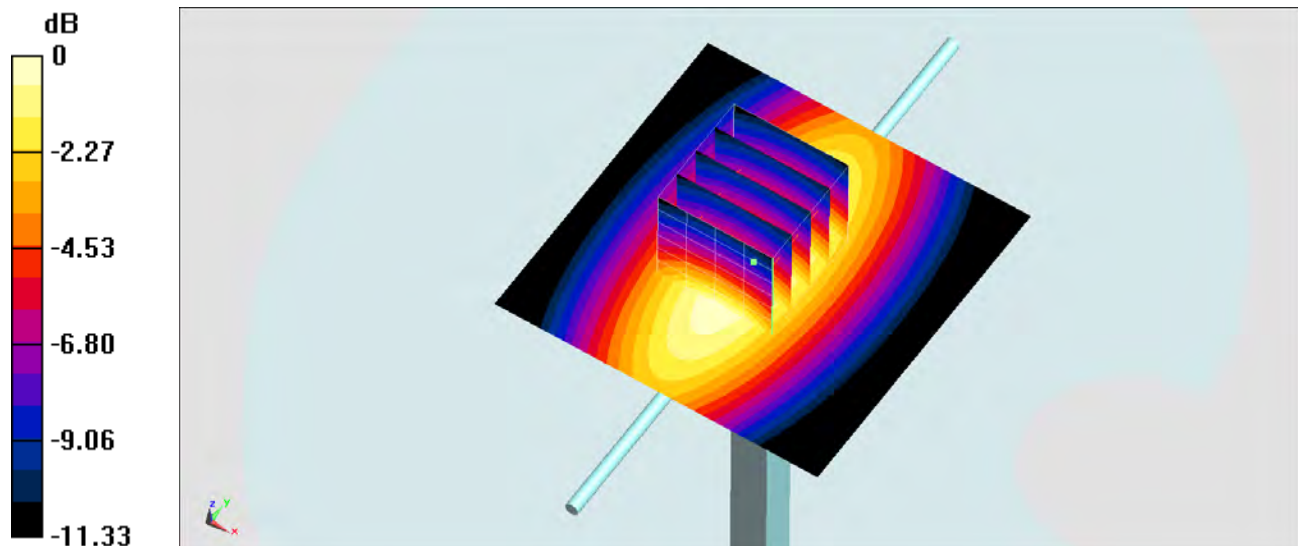
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.287 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.52 W/kg

**SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.52 W/kg**

Maximum value of SAR (measured) = 2.76 W/kg



0 dB = 2.76 W/kg = 4.41 dBW/kg

## System Check\_Head\_835MHz\_140727

### DUT: D835V2-499

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

Medium: HSL\_850\_140727 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 41.074$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.79, 9.79, 9.79); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 2.75 W/kg

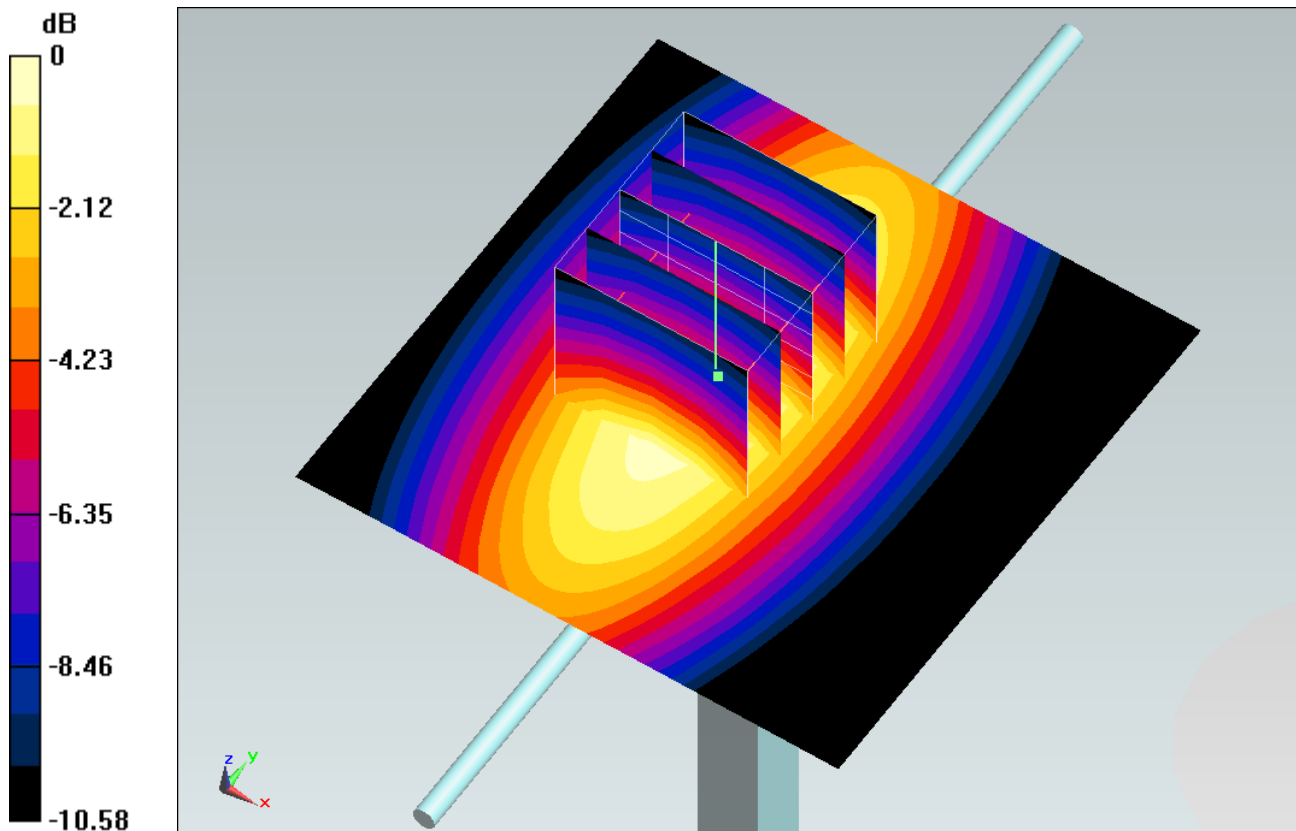
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.425 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.29 W/kg

**SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg**

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

## System Check\_Head\_835MHz\_140829

### DUT: D835V2-499

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

Medium: HSL\_850\_140829 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 41.108$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.11, 10.11, 10.11); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- 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) = 2.68 W/kg

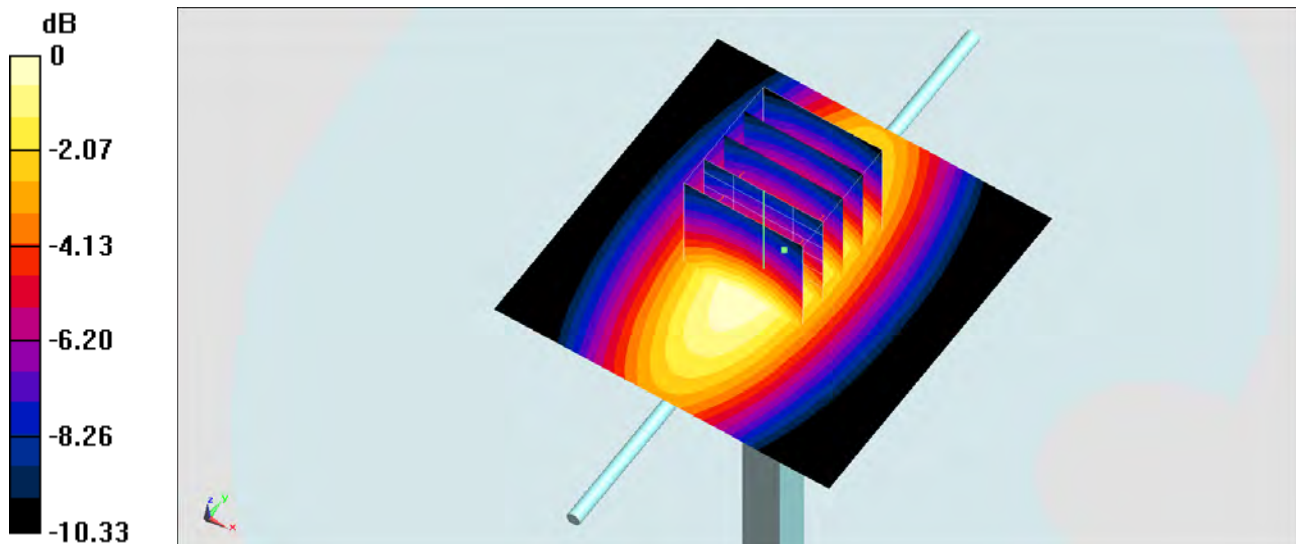
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.78 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.10 W/kg

**SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.42 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

**System Check\_Body\_835MHz\_140508****DUT: D835V2-499**

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

Medium: MSL\_850\_140508 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.967 \text{ S/m}$ ;  $\epsilon_r = 54.182$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) =  $2.84 \text{ W/kg}$

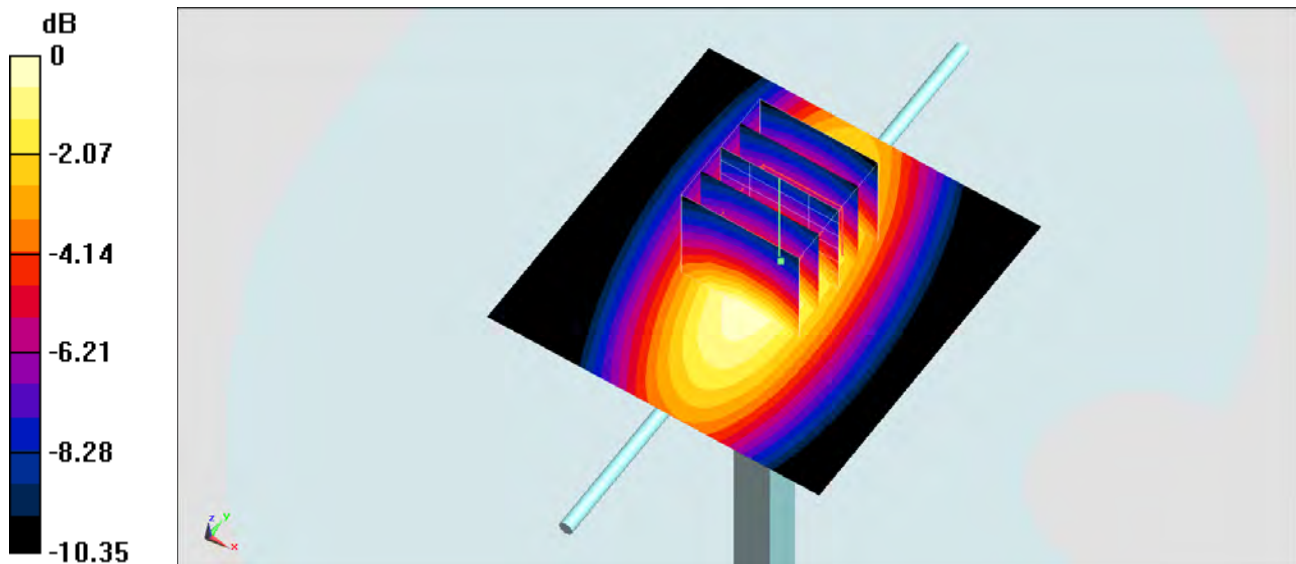
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $55.606 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $3.54 \text{ W/kg}$

**SAR(1 g) =  $2.44 \text{ W/kg}$ ; SAR(10 g) =  $1.62 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.82 \text{ W/kg}$



0 dB =  $2.82 \text{ W/kg}$  =  $4.50 \text{ dBW/kg}$

## System Check\_Body\_835MHz\_140515

### DUT: D835V2-499

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

Medium: MSL\_850\_140515 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.954 \text{ S/m}$ ;  $\epsilon_r = 52.753$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.08, 6.08, 6.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $2.82 \text{ W/kg}$

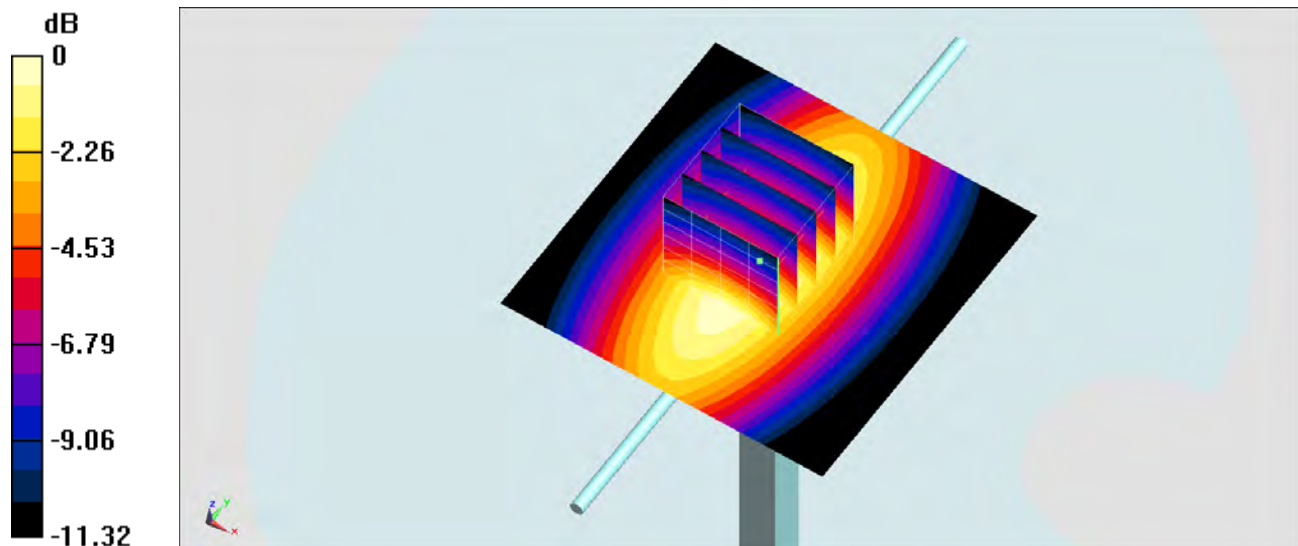
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $56.223 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.56 \text{ W/kg}$

**SAR(1 g) =  $2.4 \text{ W/kg}$ ; SAR(10 g) =  $1.54 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.80 \text{ W/kg}$



0 dB =  $2.80 \text{ W/kg}$  =  $4.47 \text{ dBW/kg}$

## System Check\_Body\_835MHz\_140613

### DUT: D835V2-499

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

Medium: MSL\_850\_140613 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.996 \text{ S/m}$ ;  $\epsilon_r = 55.38$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.4, 9.4, 9.4); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $2.64 \text{ W/kg}$

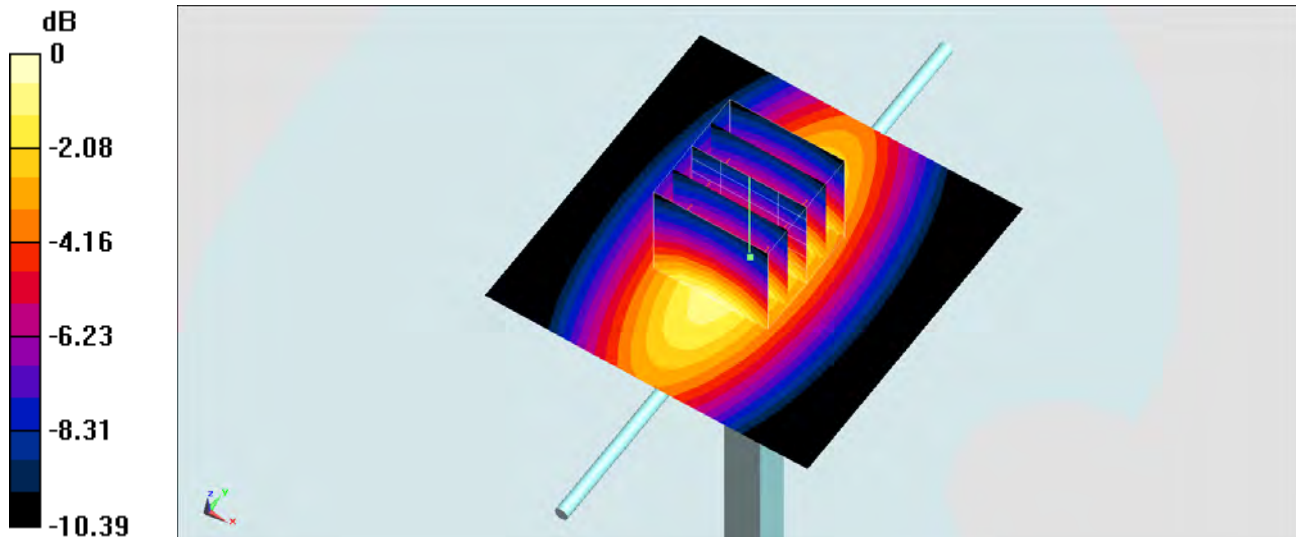
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $52.938 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$

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

**SAR(1 g) =  $2.46 \text{ W/kg}$ ; SAR(10 g) =  $1.63 \text{ W/kg}$**

Maximum value of SAR (measured) =  $3.09 \text{ W/kg}$



0 dB =  $3.09 \text{ W/kg}$  =  $4.90 \text{ dBW/kg}$

## System Check\_Body\_835MHz\_140728

### DUT: D835V2-499

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

Medium: MSL\_850\_140728 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.963 \text{ S/m}$ ;  $\epsilon_r = 54.498$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9.83, 9.83, 9.83); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $3.12 \text{ W/kg}$

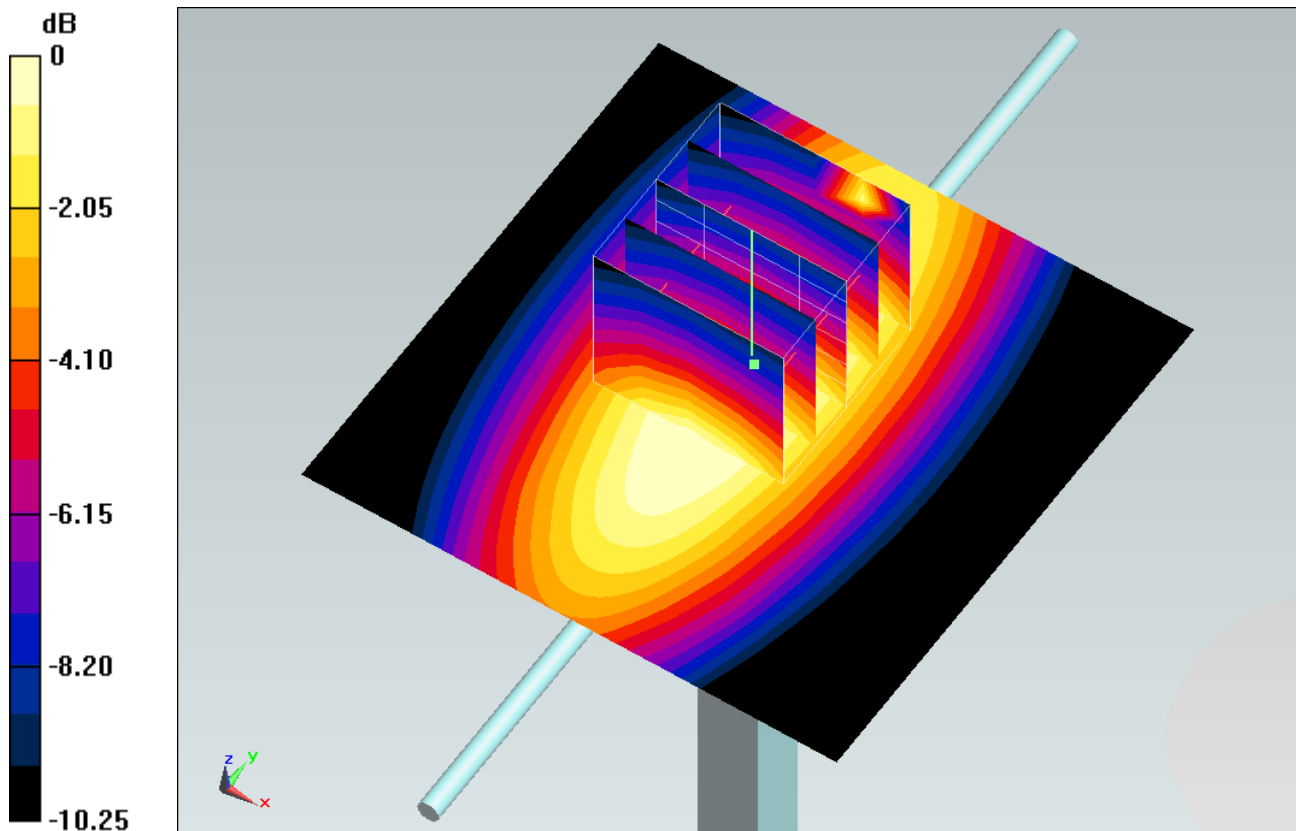
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $57.105 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $3.23 \text{ W/kg}$

**SAR(1 g) =  $2.2 \text{ W/kg}$ ; SAR(10 g) =  $1.47 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.76 \text{ W/kg}$



0 dB =  $2.76 \text{ W/kg}$  =  $4.41 \text{ dBW/kg}$

## System Check\_Body\_835MHz\_140829

### DUT: D835V2-499

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

Medium: MSL\_850\_140829 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.963 \text{ S/m}$ ;  $\epsilon_r = 54.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.09, 10.09, 10.09); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- 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) =  $2.82 \text{ W/kg}$

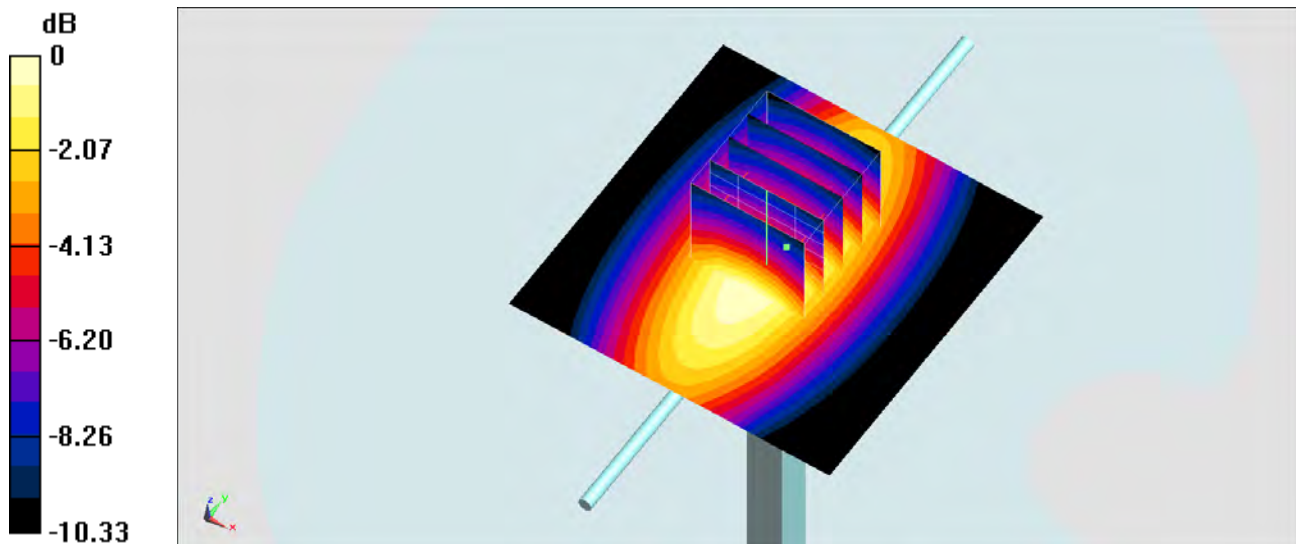
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $55.45 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$

Peak SAR (extrapolated) =  $3.30 \text{ W/kg}$

**SAR(1 g) =  $2.27 \text{ W/kg}$ ; SAR(10 g) =  $1.51 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.84 \text{ W/kg}$



0 dB =  $2.84 \text{ W/kg}$  =  $4.53 \text{ dBW/kg}$

## System Check\_Head\_1750MHz\_140504

### DUT: D1750V2-1068

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

Medium: HSL\_1750\_140504 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 39.044$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 10.7 W/kg

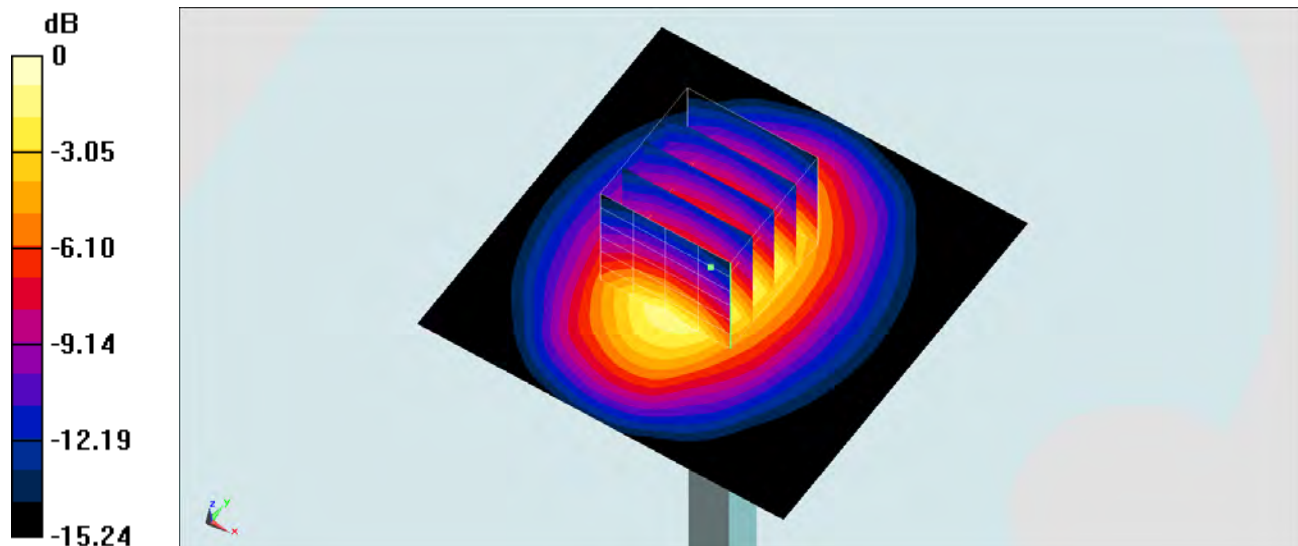
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.969 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 8.82 W/kg; SAR(10 g) = 5.1 W/kg**

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

## System Check\_Head\_1750MHz\_140617

### DUT: D1750V2-1068

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

Medium: HSL\_1750\_140617 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 39.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 10.5 W/kg

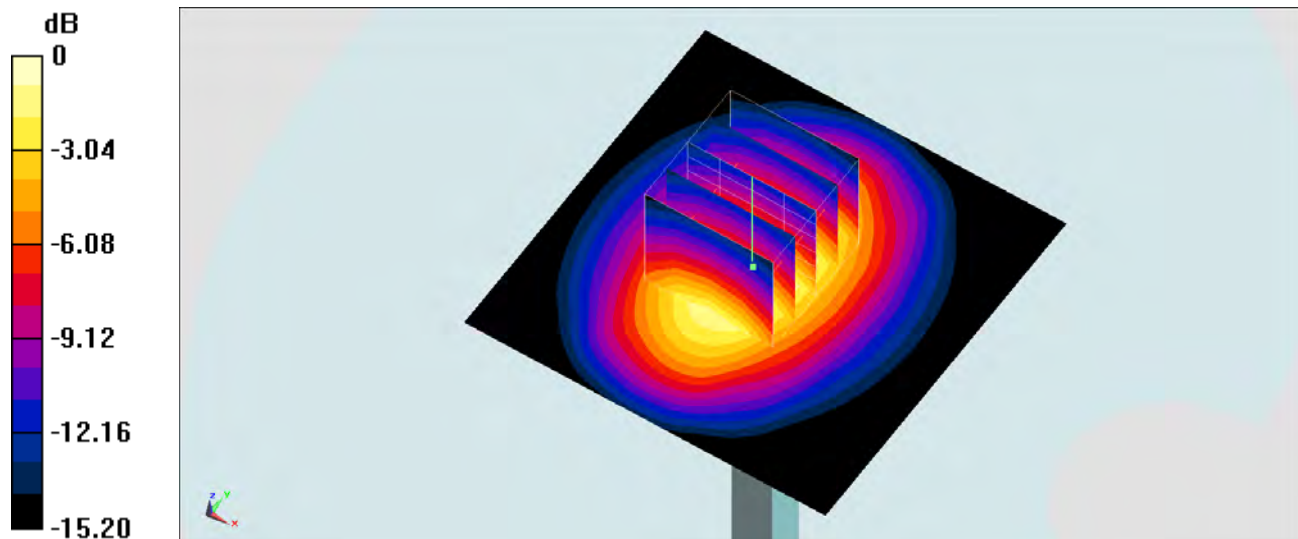
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.924 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 13.7 W/kg

**SAR(1 g) = 8.6 W/kg; SAR(10 g) = 4.98 W/kg**

Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg

## System Check\_Body\_1750MHz\_140510

### DUT: D1750V2-1068

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

Medium: MSL\_1750\_140510 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.523$  S/m;  $\epsilon_r = 51.635$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.91, 4.91, 4.91); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM RIGHT; Type: SAM; 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=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

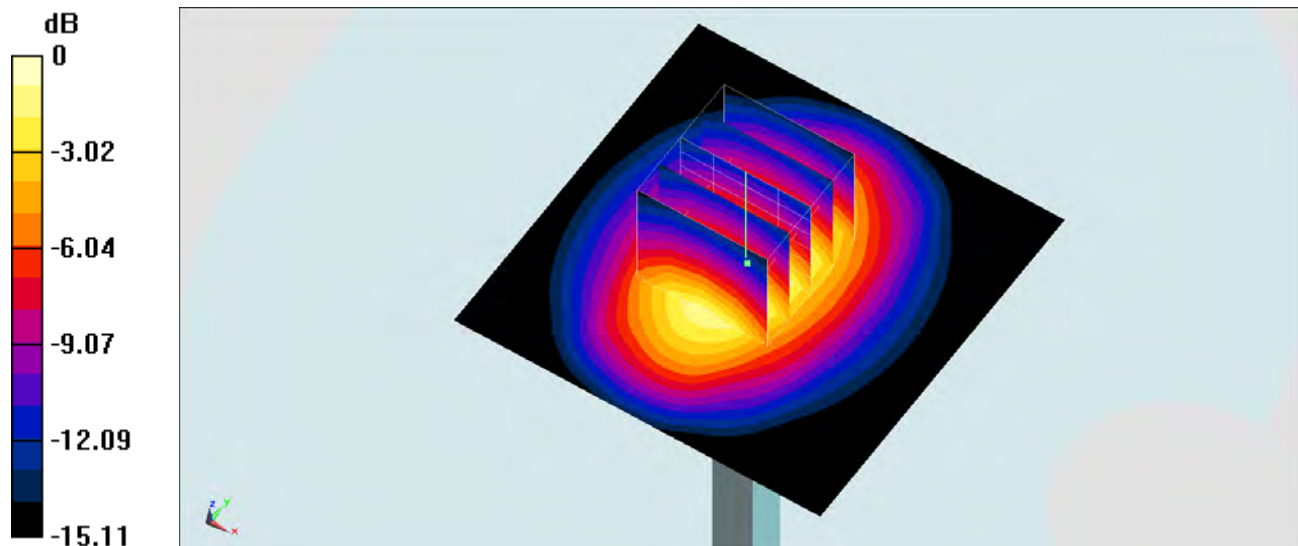
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.115 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 13.7 W/kg

**SAR(1 g) = 8.91 W/kg; SAR(10 g) = 5.18 W/kg**

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

**System Check\_Body\_1750MHz\_140513****DUT: D1750V2-1068**

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

Medium: MSL\_1750\_140513 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.503$  S/m;  $\epsilon_r = 52.602$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3770; ConvF(7.79, 7.79, 7.79); Calibrated: 2014/4/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/12/18
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 13.9 W/kg

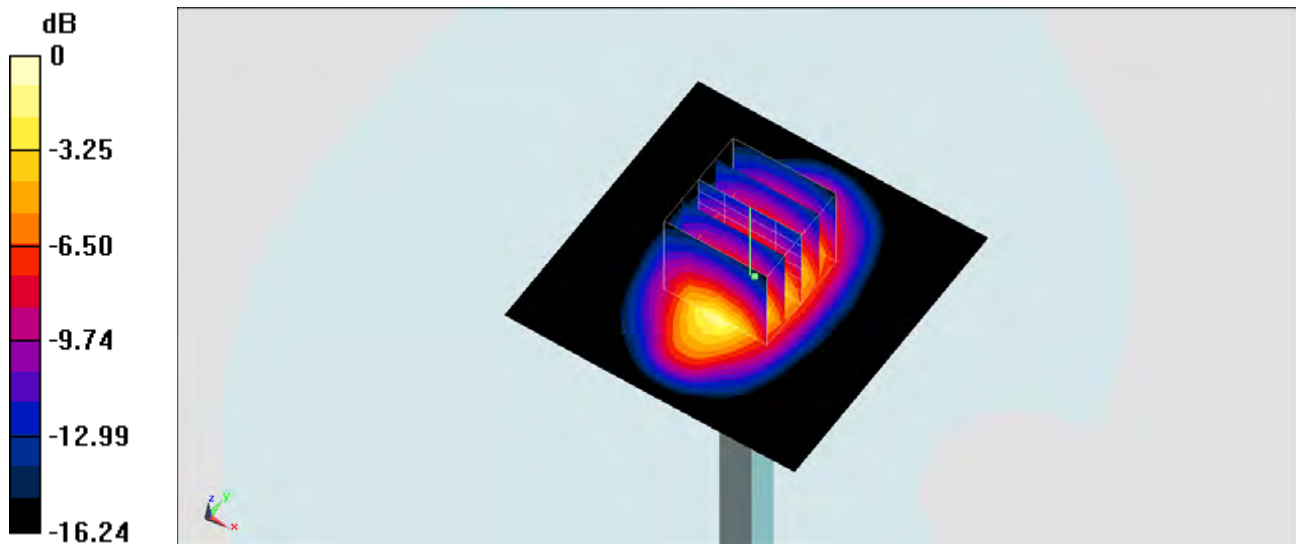
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.634 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 17.1 W/kg

**SAR(1 g) = 9.94 W/kg; SAR(10 g) = 5.35 W/kg**

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

**System Check\_Body\_1750MHz\_140617****DUT: D1750V2-1068**

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

Medium: MSL\_1750\_140617 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 51.762$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.91, 4.91, 4.91); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 11.0 W/kg

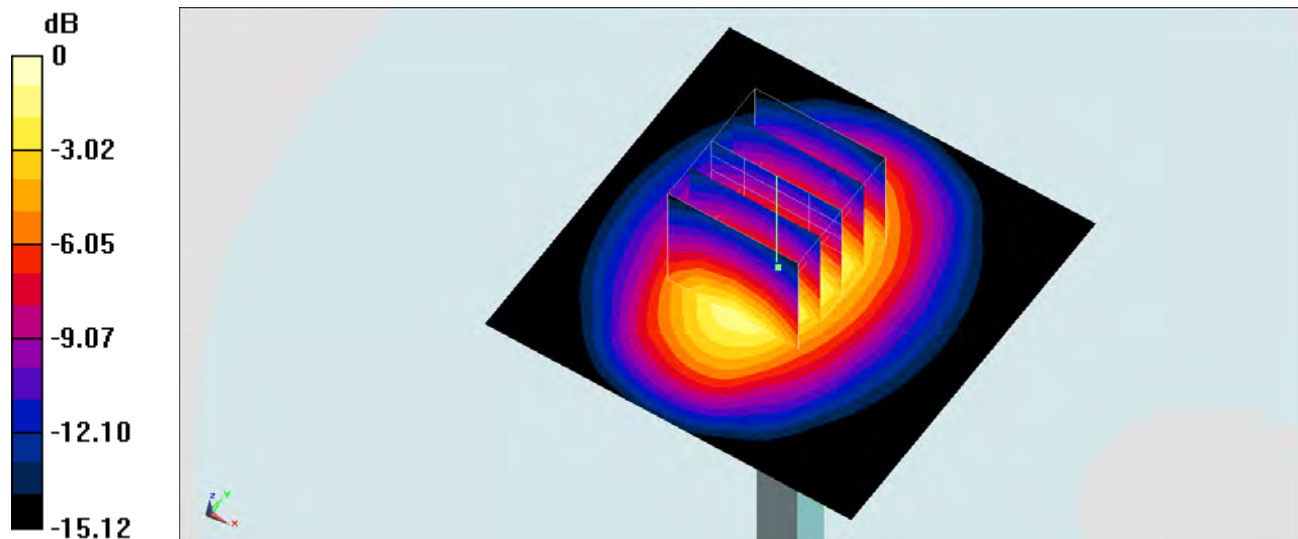
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.791 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 13.9 W/kg

**SAR(1 g) = 9.03 W/kg; SAR(10 g) = 5.26 W/kg**

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

## System Check\_Head\_1900MHz\_140503

### DUT: D1900V2-5d041

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

Medium: HSL\_1900\_140503 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.432$  S/m;  $\epsilon_r = 39.131$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.08, 5.08, 5.08); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 12.1 W/kg

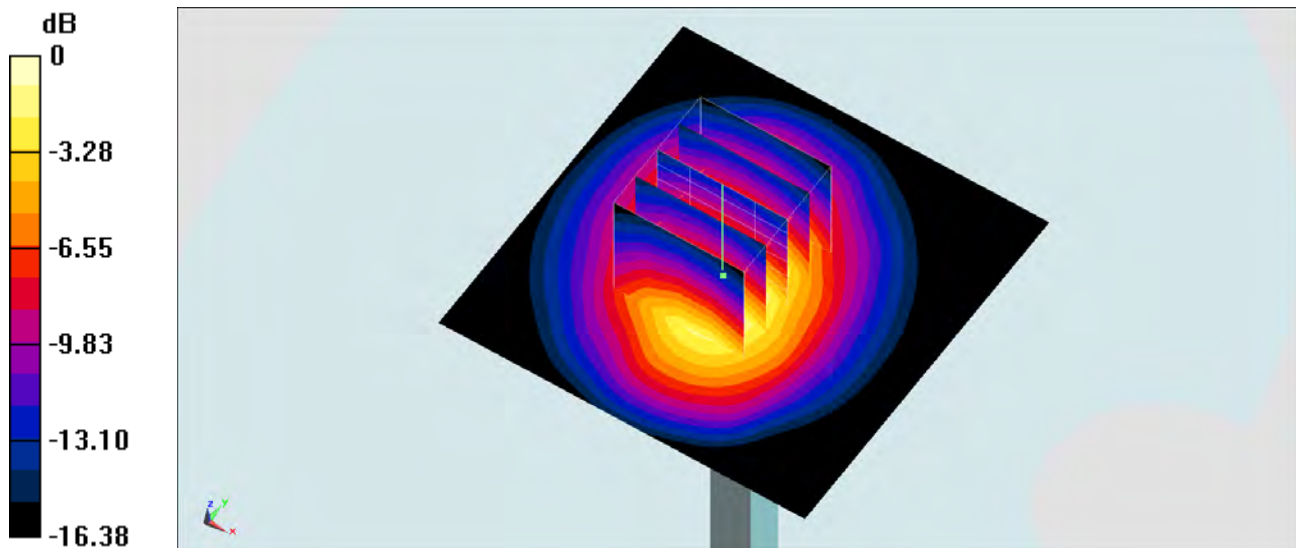
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.554 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 15.7 W/kg

**SAR(1 g) = 9.7 W/kg; SAR(10 g) = 5.44 W/kg**

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

## System Check\_Head\_1900MHz\_140728

### DUT: D1900V2-5d041

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

Medium: HSL\_1900\_140728 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 41.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

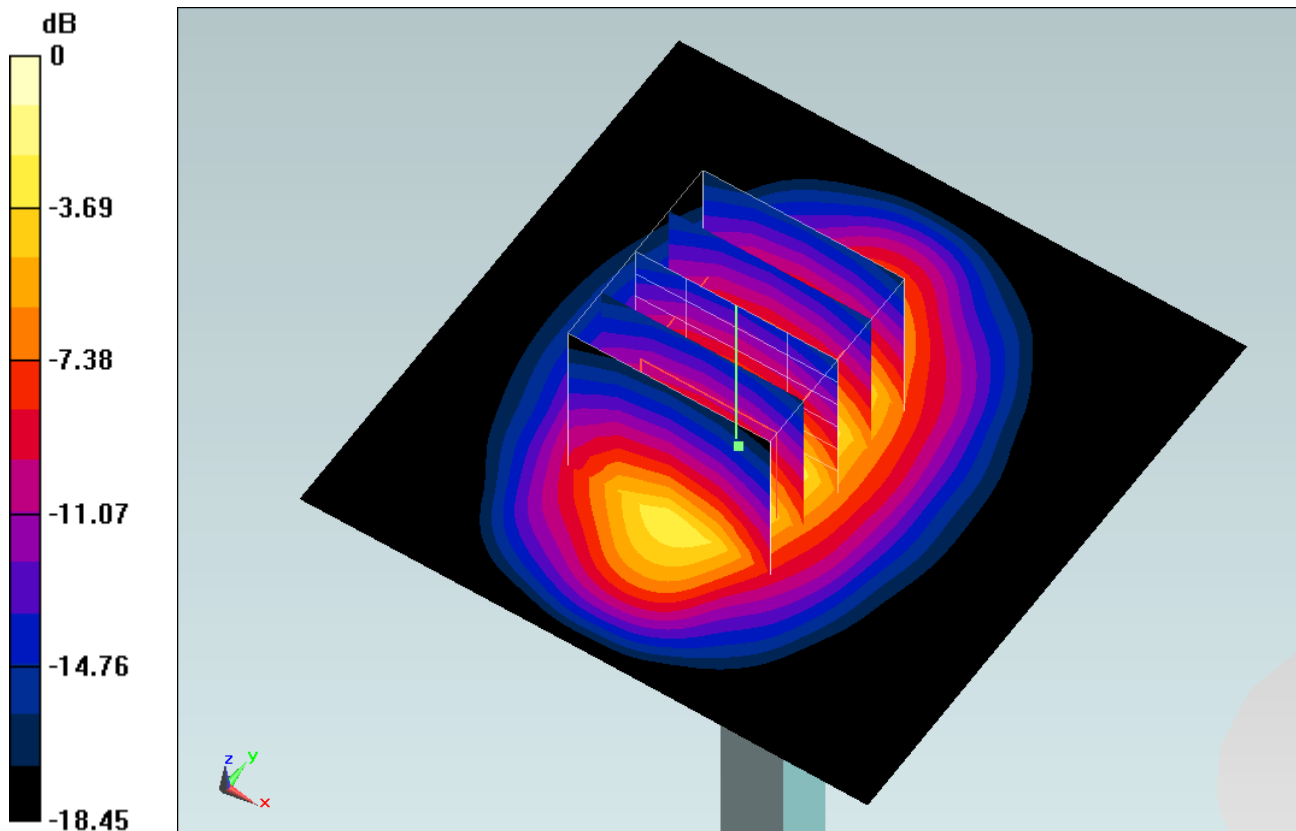
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.8 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 18.3 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 5.2 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\_140502

### DUT: D1900V2-5d041

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

Medium: MSL\_1900\_140502 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.859$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.71, 4.71, 4.71); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 12.7 W/kg

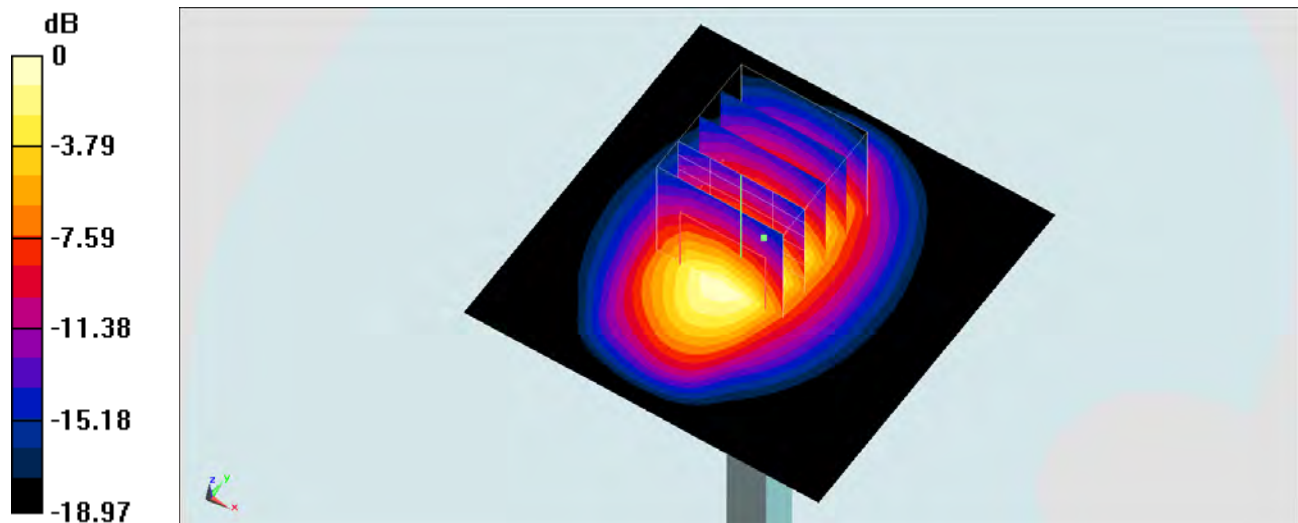
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.759 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.7 W/kg

**SAR(1 g) = 9.44 W/kg; SAR(10 g) = 4.93 W/kg**

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

**System Check\_Body\_1900MHz\_140508****DUT: D1900V2-5d041**

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

Medium: MSL\_1900\_140508 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.516$  S/m;  $\epsilon_r = 53.631$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.71, 4.71, 4.71); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 12.7 W/kg

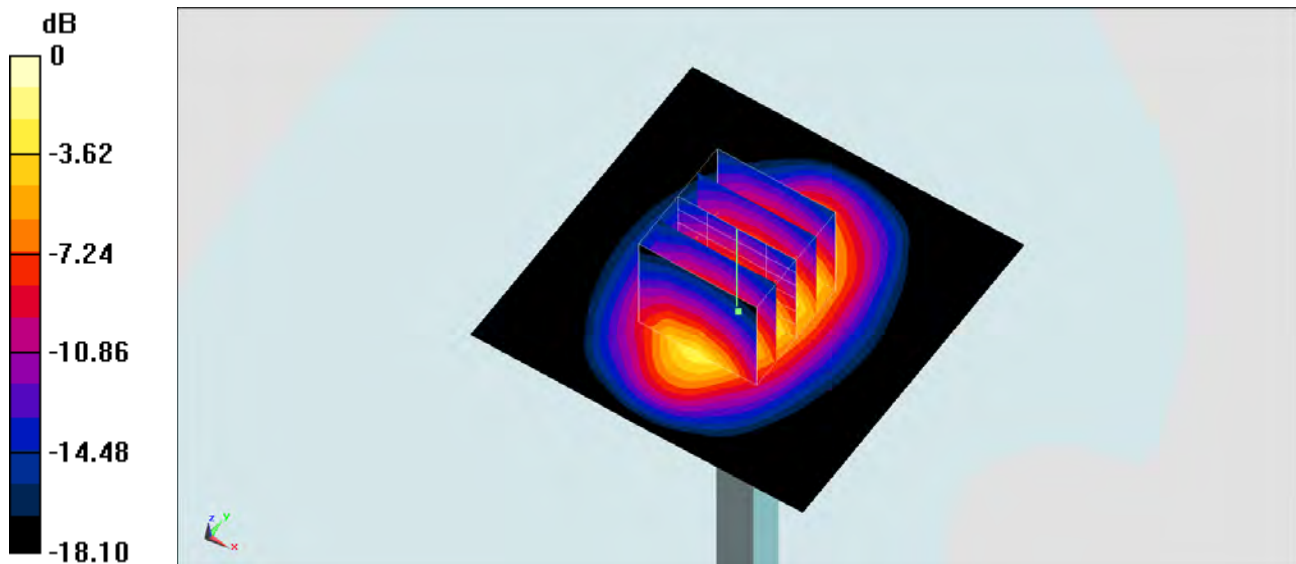
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.044 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 9.6 W/kg; SAR(10 g) = 5.03 W/kg**

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

**System Check\_Body\_1900MHz\_140509****DUT: D1900V2-5d041**

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

Medium: MSL\_1900\_140509 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.526$  S/m;  $\epsilon_r = 52.813$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.71, 4.71, 4.71); Calibrated: 2013/9/24;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 12.8 W/kg

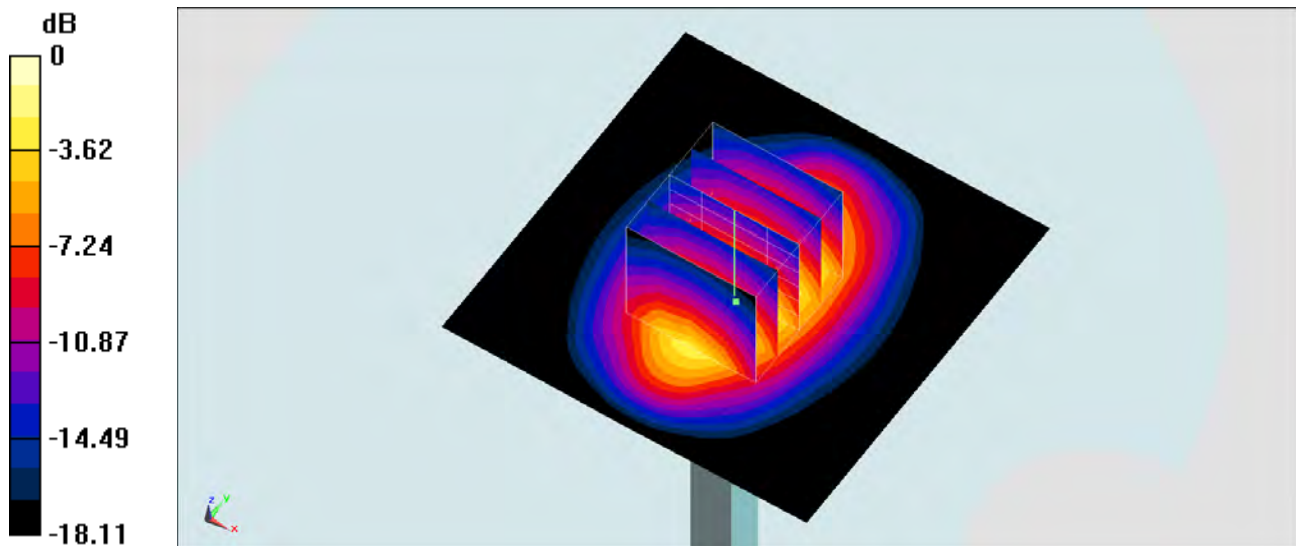
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.044 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.1 W/kg

**SAR(1 g) = 9.66 W/kg; SAR(10 g) = 5.06 W/kg**

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

**System Check\_Body\_1900MHz\_140512****DUT: D1900V2-5d041**

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

Medium: MSL\_1900\_140512 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.548$  S/m;  $\epsilon_r = 51.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(8.17, 8.17, 8.17); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

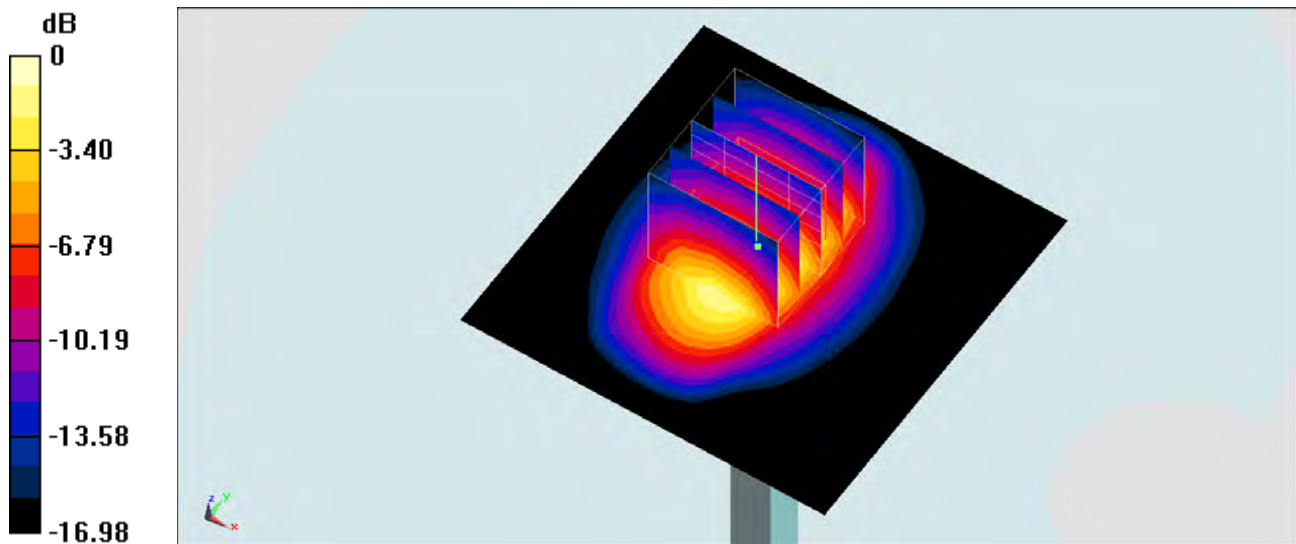
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.029 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 15.7 W/kg

**SAR(1 g) = 9.47 W/kg; SAR(10 g) = 5.1 W/kg**

Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

## System Check\_Body\_1900MHz\_140729

### DUT: D1900V2-5d041

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

Medium: MSL\_1900\_140729 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.544$  S/m;  $\epsilon_r = 52.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.87, 7.87, 7.87); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 13.8 W/kg

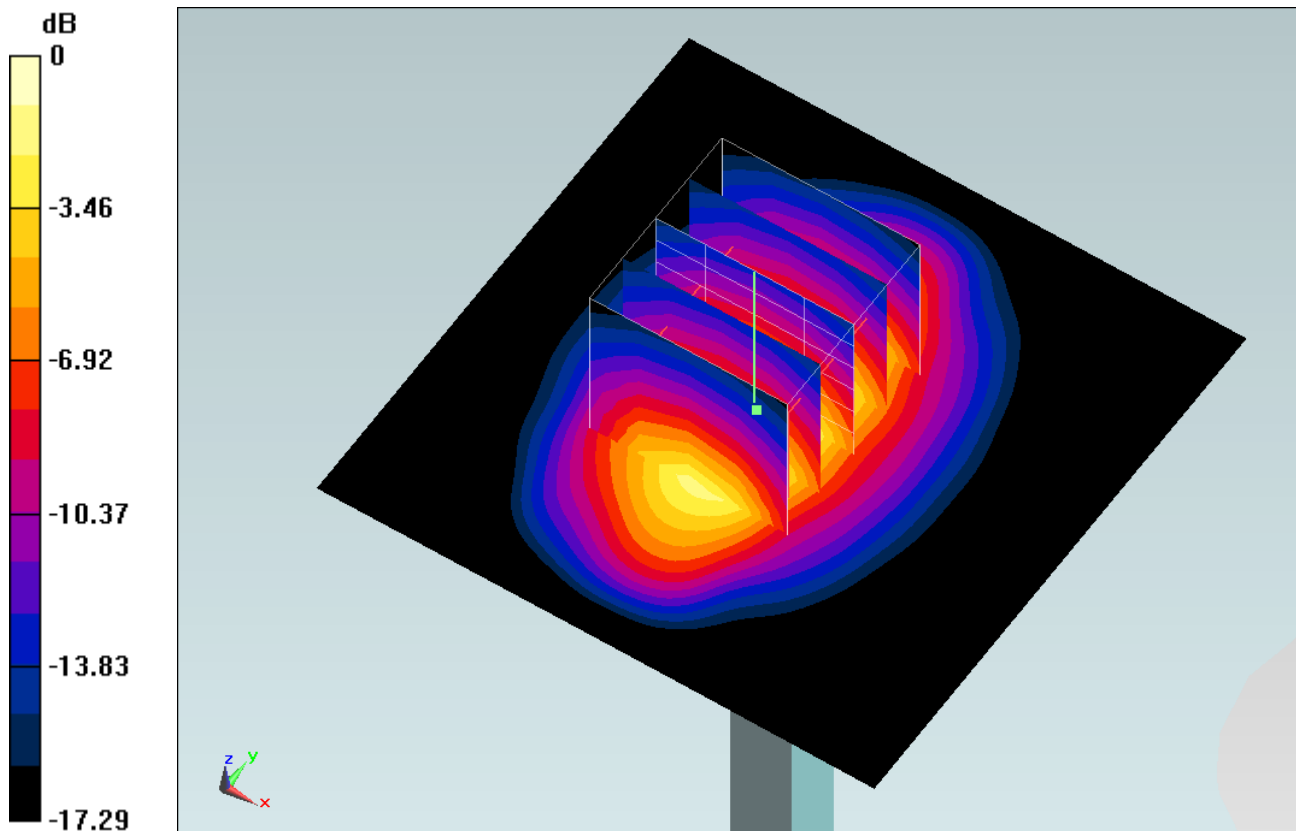
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.730 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 17.3 W/kg

**SAR(1 g) = 9.89 W/kg; SAR(10 g) = 5.21 W/kg**

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



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

## System Check\_Head\_2450MHz\_140514

### DUT: D2450V2-924

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

Medium: HSL\_2450\_140514 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.865$  S/m;  $\epsilon_r = 38.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 22.8 W/kg

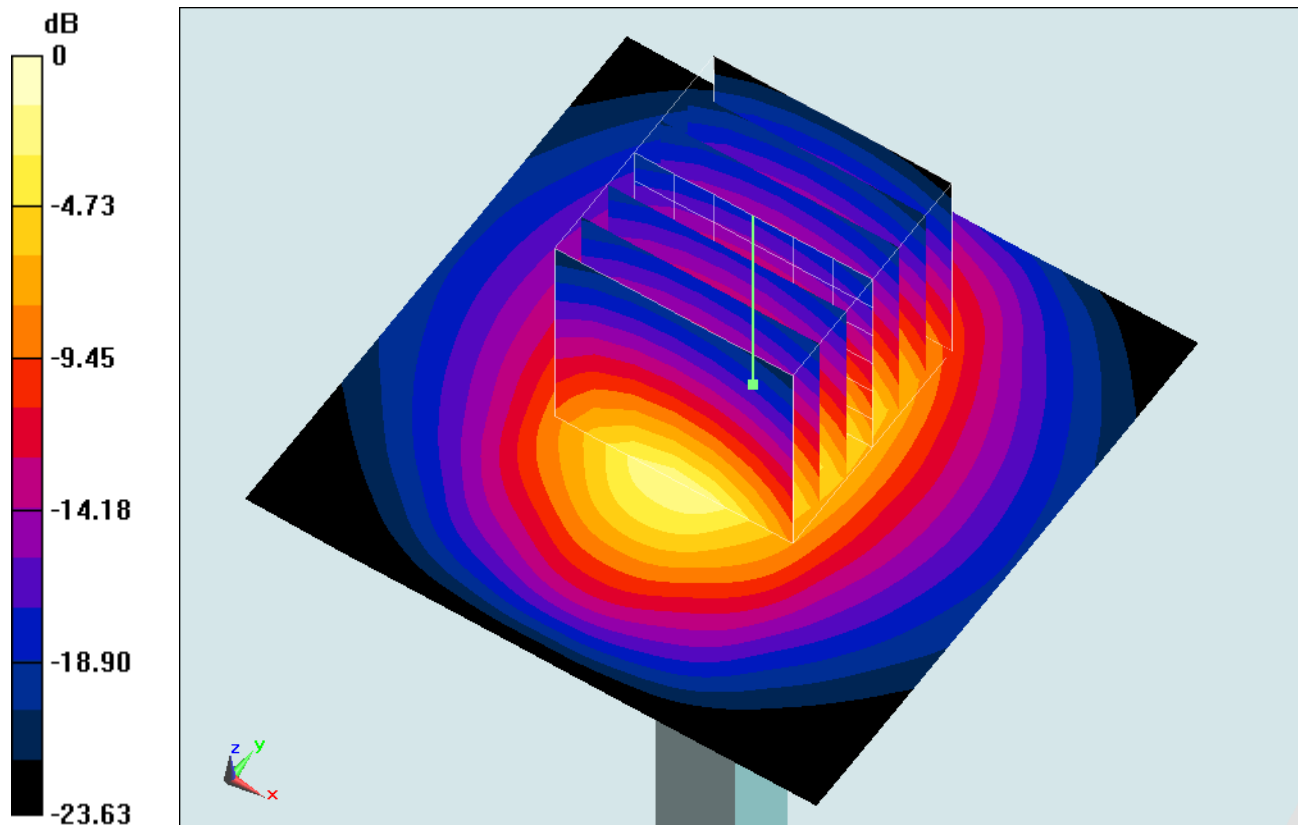
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.5 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 29.3 W/kg

**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.22 W/kg**

Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.24 dBW/kg

**System Check\_Head\_2450MHz\_140517****DUT: D2450V2-924**

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

Medium: HSL\_2450\_140517 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 37.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2013/11/4
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 23.0 mW/g

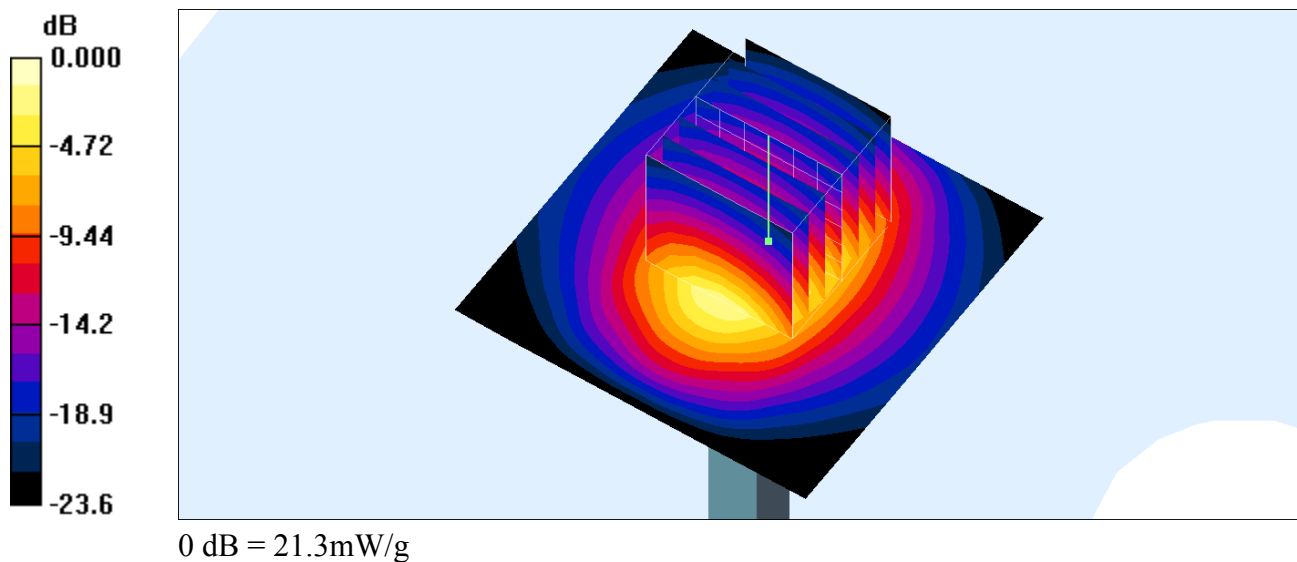
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.5 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 29.6 W/kg

**SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.28 mW/g**

Maximum value of SAR (measured) = 21.3 mW/g



**System Check\_Body\_2450MHz\_140514****DUT: D2450V2-924**

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

Medium: MSL\_2450\_140514 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.998$  S/m;  $\epsilon_r = 52.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.32, 7.32, 7.32); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 19.0 W/kg

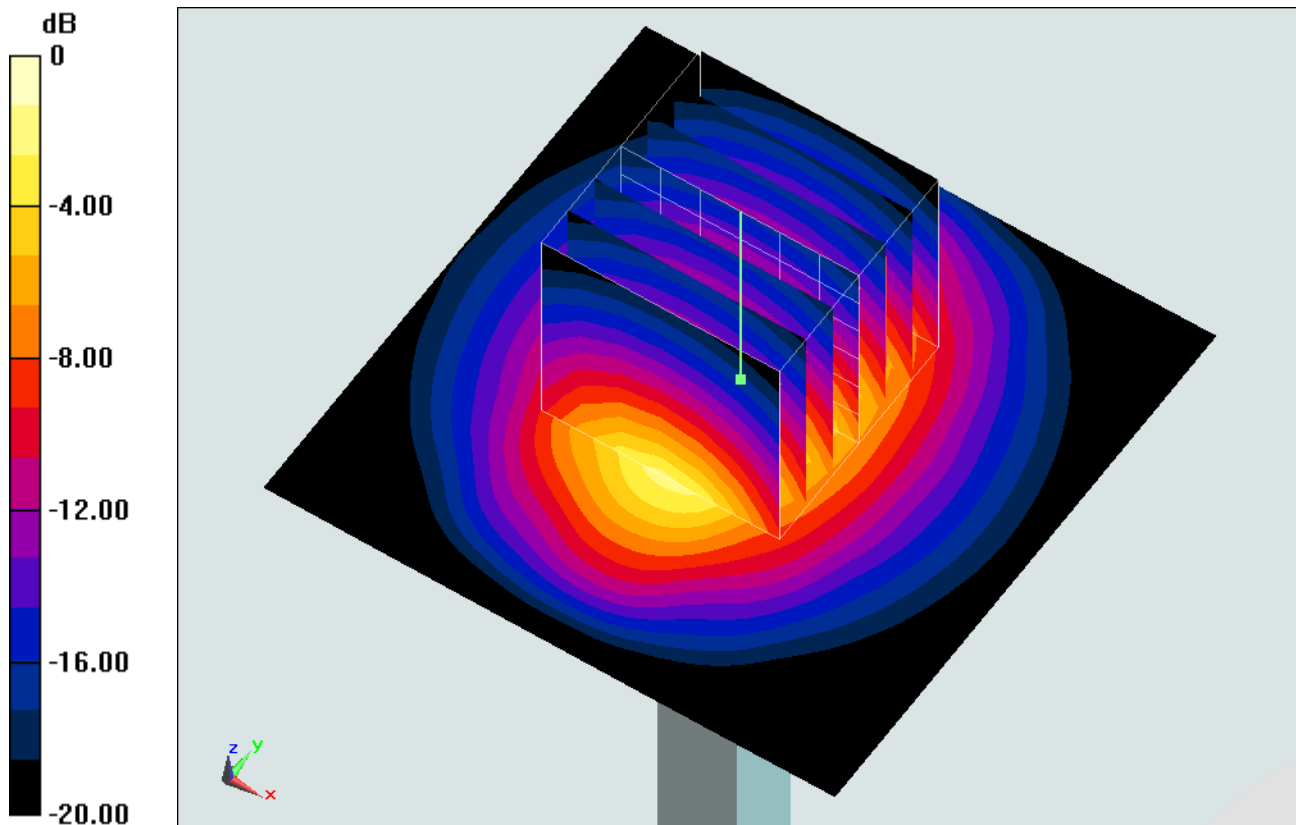
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.915 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 25.3 W/kg

**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.79 W/kg**

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



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

**System Check\_Body\_2450MHz\_140517****DUT: D2450V2-924**

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

Medium: MSL\_2450\_140517 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.32, 7.32, 7.32); Calibrated: 2013/11/4
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 18.7 mW/g

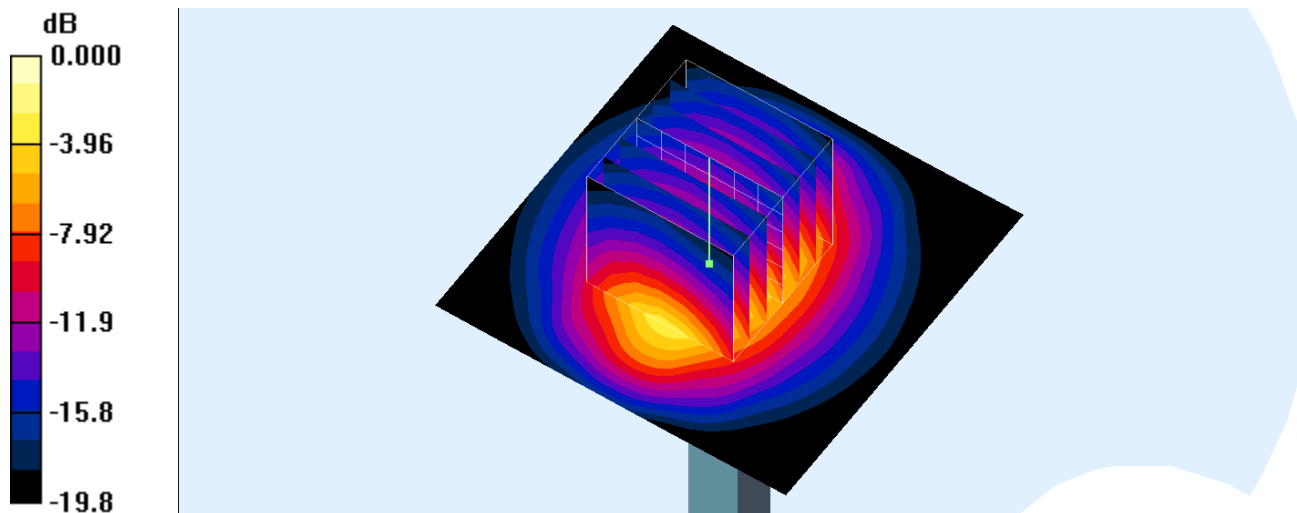
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.5 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 23.1 W/kg

**SAR(1 g) = 11.7 mW/g; SAR(10 g) = 5.56 mW/g**

Maximum value of SAR (measured) = 17.4 mW/g



0 dB = 17.4mW/g

## System Check\_Body\_2450MHz\_140613

### DUT: D2450V2-924

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

Medium: MSL\_2450\_140613 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.922$  S/m;  $\epsilon_r = 53.185$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- 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) = 20.3 W/kg

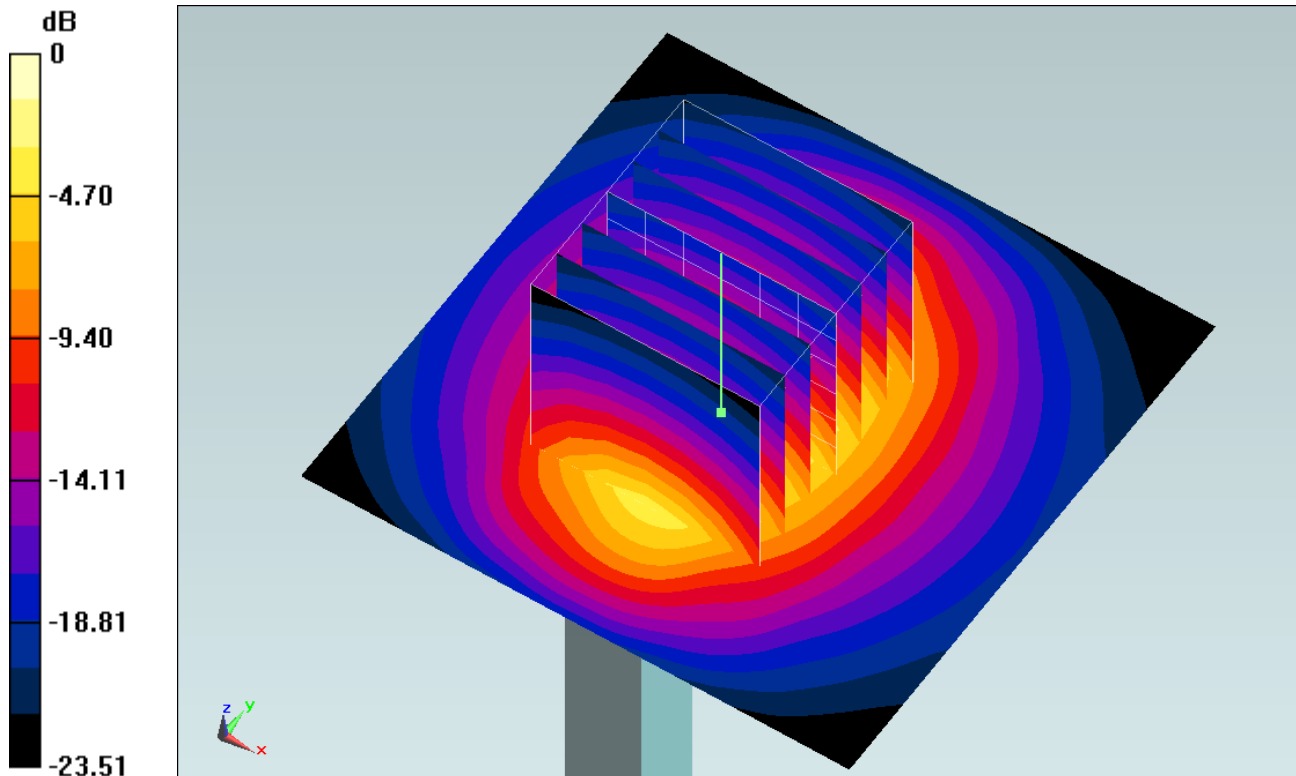
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.9 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 28.0 W/kg

**SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.84 W/kg**

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg

## System Check\_Head\_2600MHz\_140504

### DUT: D2600V2-1008

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

Medium: HSL\_2600\_140504 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.981$  S/m;  $\epsilon_r = 38.254$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(7.27, 7.27, 7.27); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- 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) = 26.5 W/kg

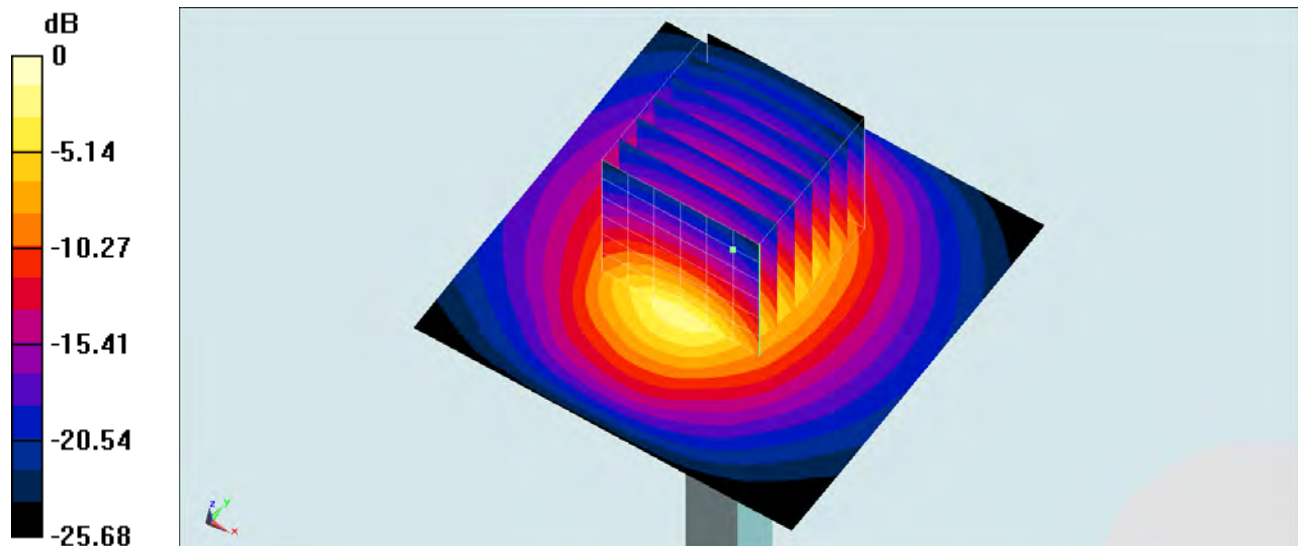
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.3 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 35.0 W/kg

**SAR(1 g) = 15.6 W/kg; SAR(10 g) = 6.76 W/kg**

Maximum value of SAR (measured) = 24.5 W/kg



0 dB = 24.5 W/kg = 13.89 dBW/kg

**System Check\_Head\_2600MHz\_140729****DUT: D2600V2-SN:1008**

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

Medium: HSL\_2600\_140729 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.97$  S/m;  $\epsilon_r = 38.084$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.17, 7.17, 7.17); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Right; Type: QD000P40CC; Serial: TP:1383
- 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) = 24.2 W/kg

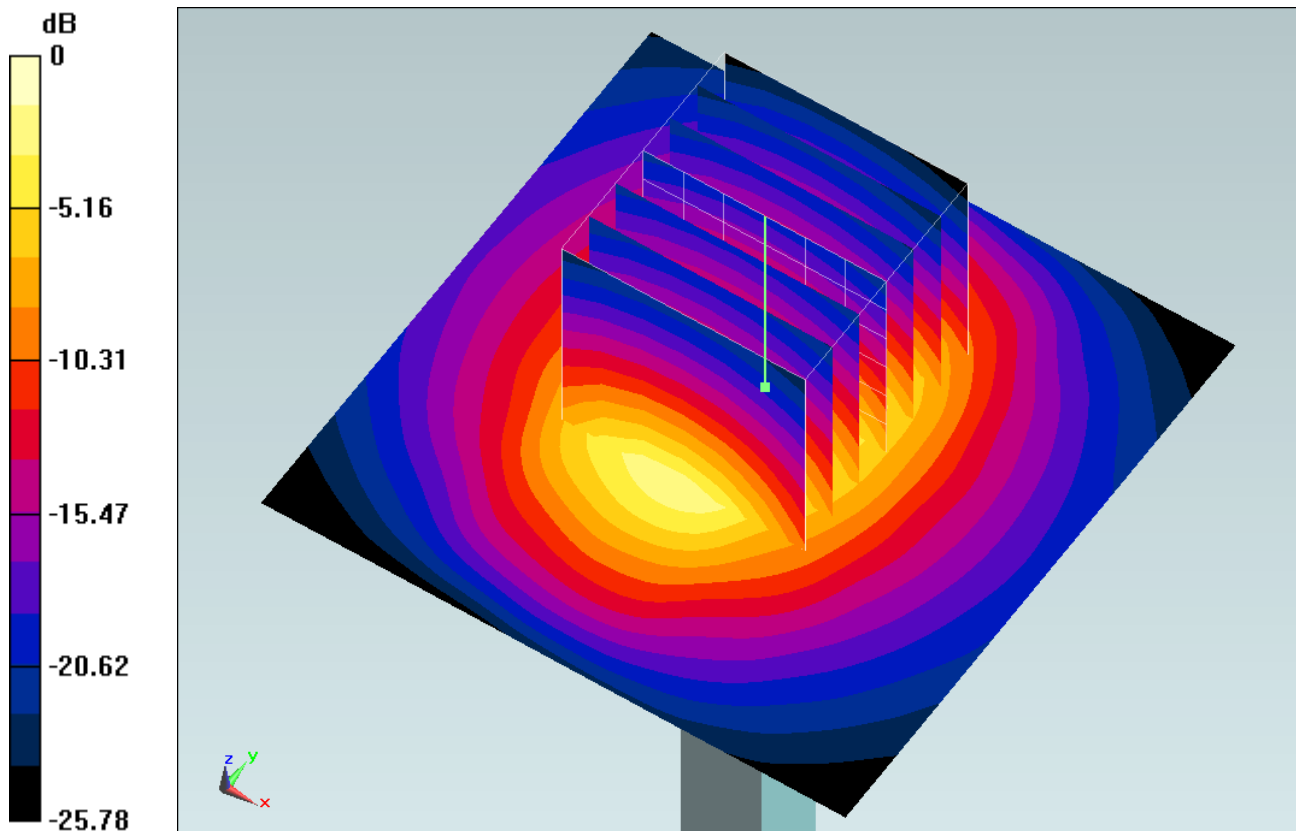
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 30.9 W/kg

**SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.11 W/kg**

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



0 dB = 21.8 W/kg = 13.38 dBW/kg

**System Check\_Body\_2600MHz\_140511****DUT: D2600V2-1008**

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

Medium: MSL\_2600\_140511 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.209$  S/m;  $\epsilon_r = 51.123$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(7.58, 7.58, 7.58); Calibrated: 2013/12/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2013/11/7
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 20.9 W/kg

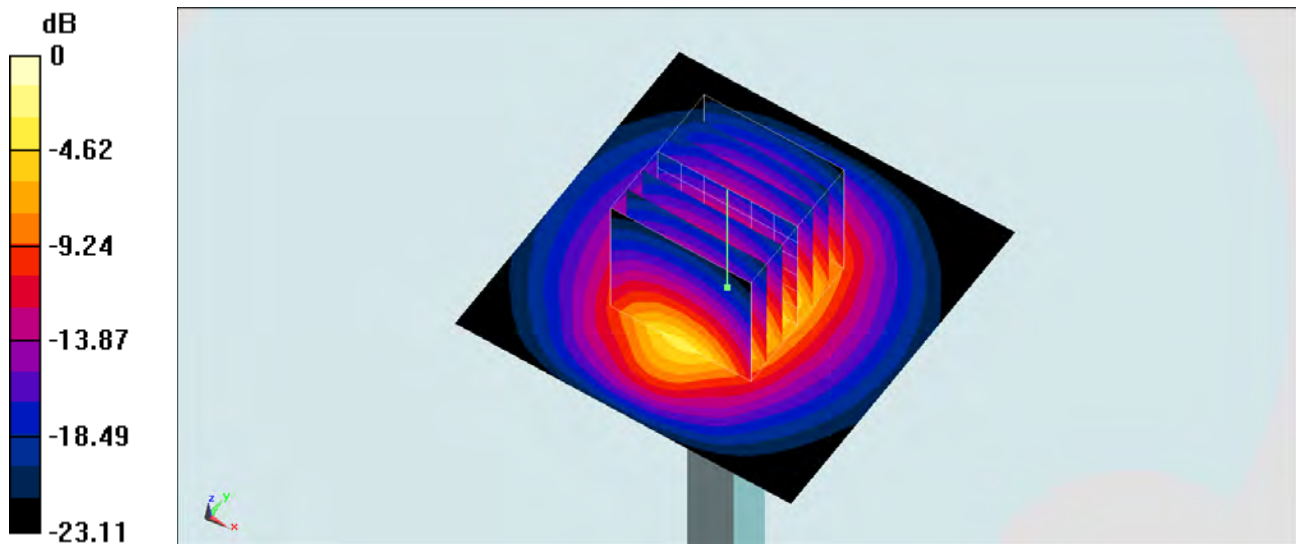
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.415 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.5 W/kg

**SAR(1 g) = 13.3 W/kg; SAR(10 g) = 5.94 W/kg**

Maximum value of SAR (measured) = 20.6 W/kg



0 dB = 20.6 W/kg = 13.14 dBW/kg

**System Check\_Body\_2600MHz\_140514****DUT: D2600V2-1008**

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

Medium: MSL\_2600\_140514 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.165$  S/m;  $\epsilon_r = 53.823$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.08, 7.08, 7.08); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM RIGHT; Type: SAM; Serial: 1801
- 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) = 22.2 W/kg

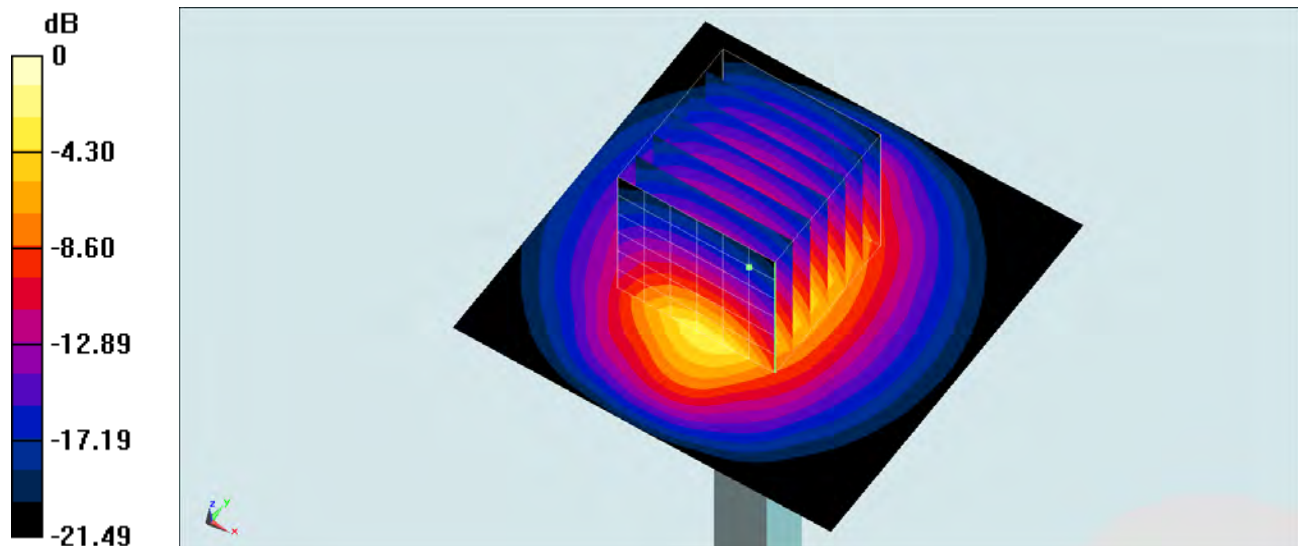
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.681 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 30.1 W/kg

**SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.76 W/kg**

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

**System Check\_Body\_2600MHz\_140729****DUT: D2600V2-1008**

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

Medium: MSL\_2600\_140729 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.201$  S/m;  $\epsilon_r = 52.823$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.08, 7.08, 7.08); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1542
- 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) = 20.8 W/kg

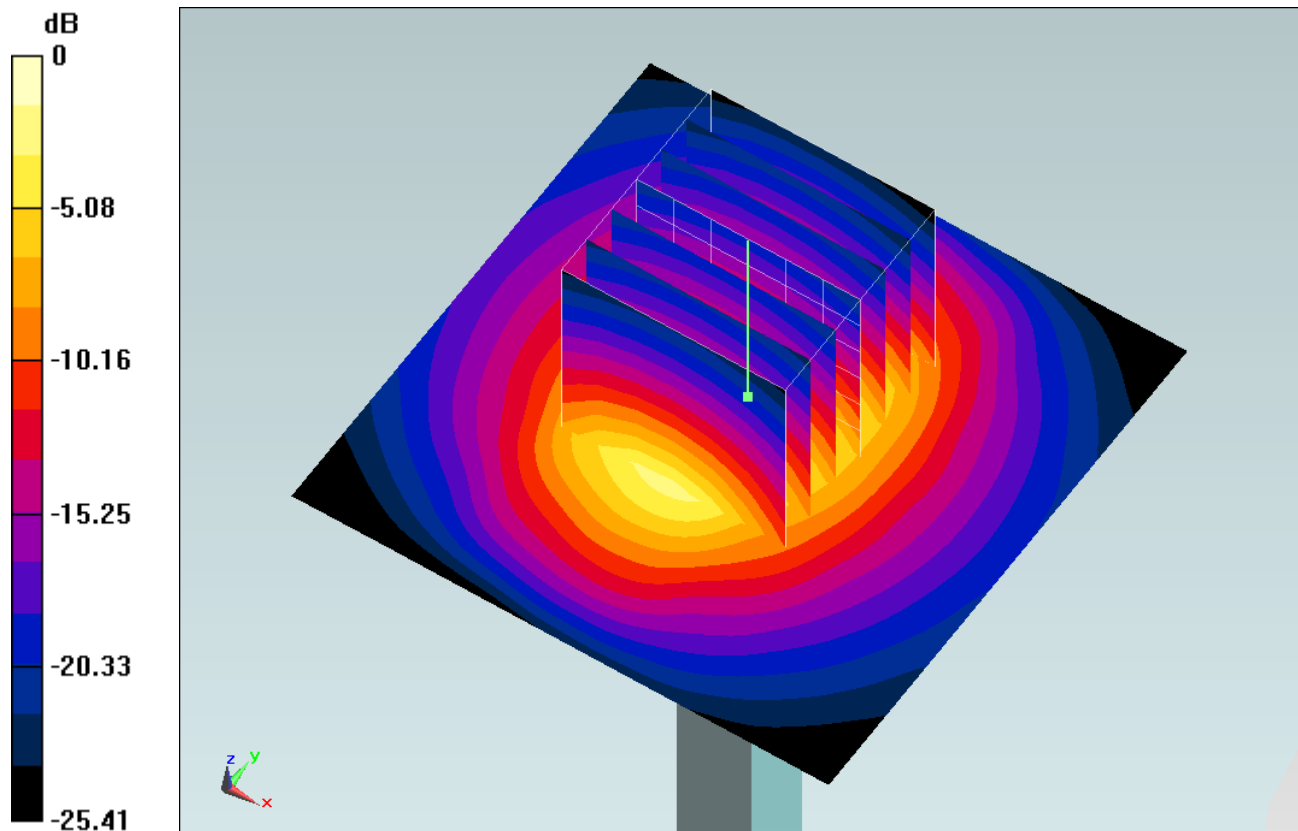
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.663 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 28.9 W/kg

**SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.55 W/kg**

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



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

**System Check\_Head\_5200MHz\_140711****DUT: D5GHzV2-1128**

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

Medium: HSL\_5G\_140711 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.793$  S/m;  $\epsilon_r = 35.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(5.29, 5.29, 5.29); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**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

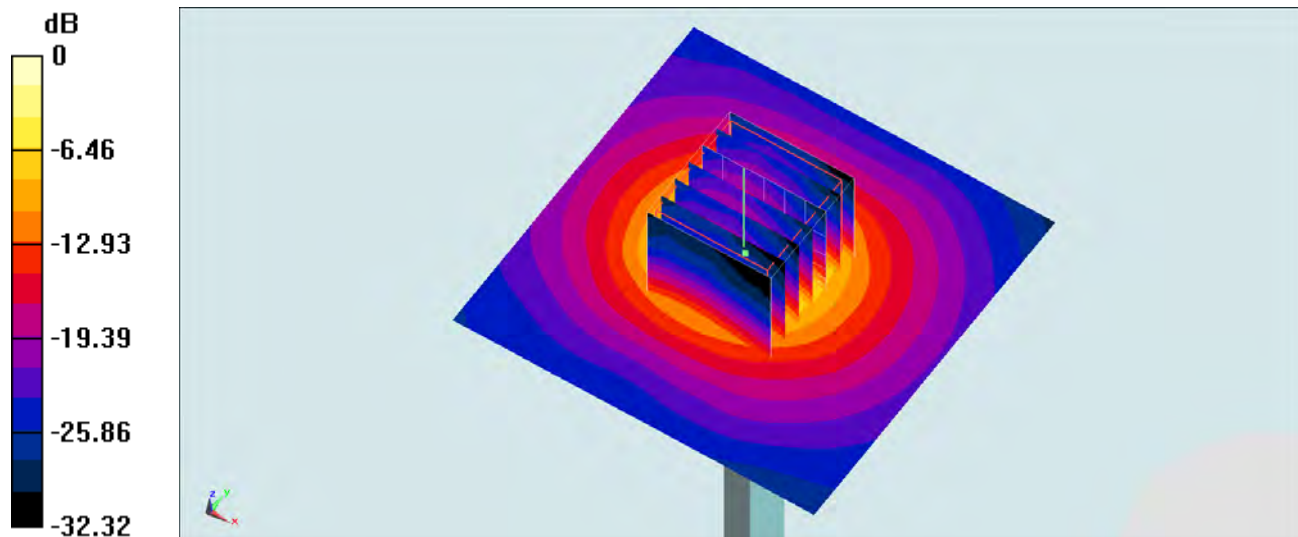
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.156 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.0 W/kg

**SAR(1 g) = 7.47 W/kg; SAR(10 g) = 2.07 W/kg**

Maximum value of SAR (measured) = 19.1 W/kg



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

**System Check\_Body\_5200MHz\_140519****DUT: D5GHzV2-1128**

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

Medium: MSL\_5G\_140519 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 48.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.52, 4.52, 4.52); Calibrated: 2013/11/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (interpolated) = 18.2 mW/g

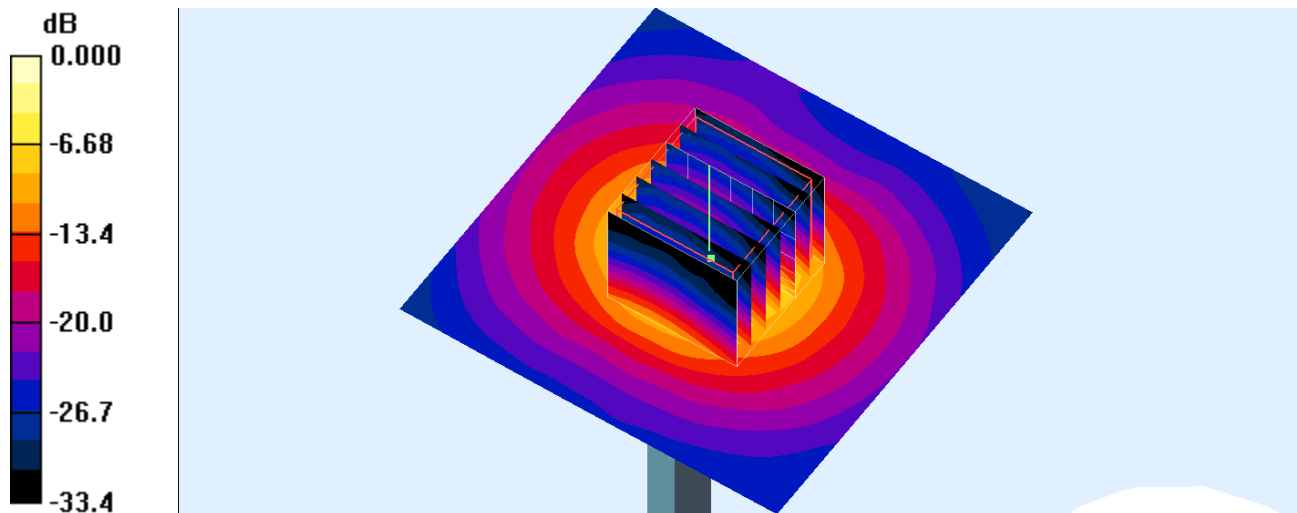
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.5 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 31.3 W/kg

**SAR(1 g) = 7.44 mW/g; SAR(10 g) = 2.03 mW/g**

Maximum value of SAR (measured) = 18.6 mW/g



0 dB = 18.6mW/g

**System Check\_Body\_5200MHz\_140712****DUT: D5GHzV2-1128**

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

Medium: MSL\_5G\_140712 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.287$  S/m;  $\epsilon_r = 48.755$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(4.61, 4.61, 4.61); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 18.7 W/kg

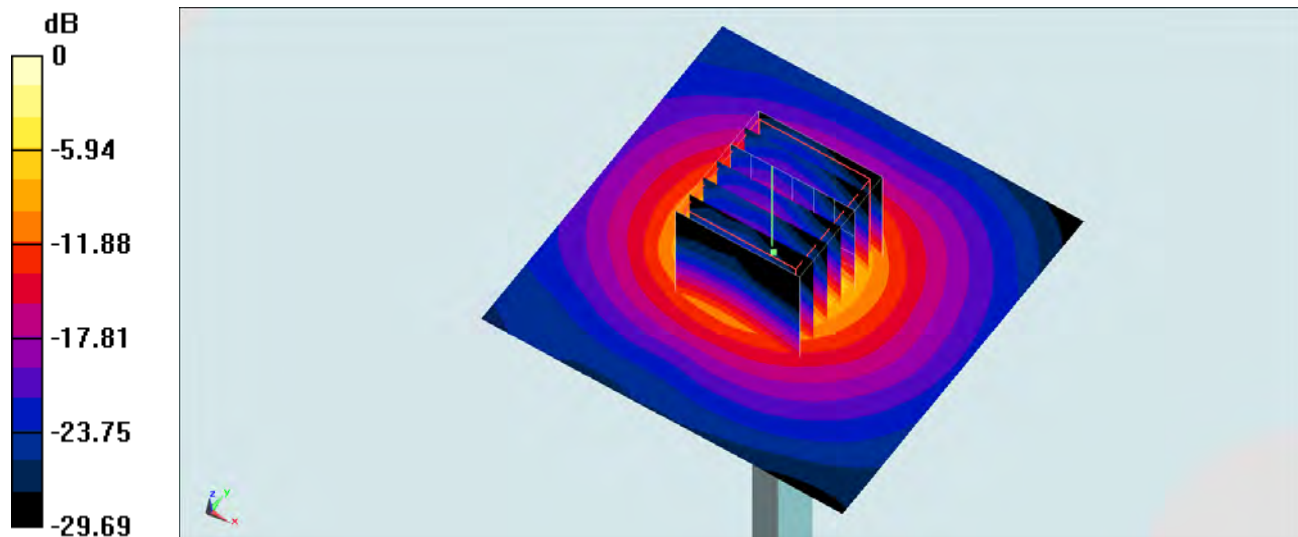
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 58.590 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 29.3 W/kg

**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.03 W/kg**

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



0 dB = 18.1 W/kg = 12.58 dBW/kg

**System Check\_Head\_5300MHz\_140612****DUT: D5GHzV2-1128**

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

Medium: HSL\_5G\_140612 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.92$  S/m;  $\epsilon_r = 35.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(4.89, 4.89, 4.89); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 24.4 W/kg

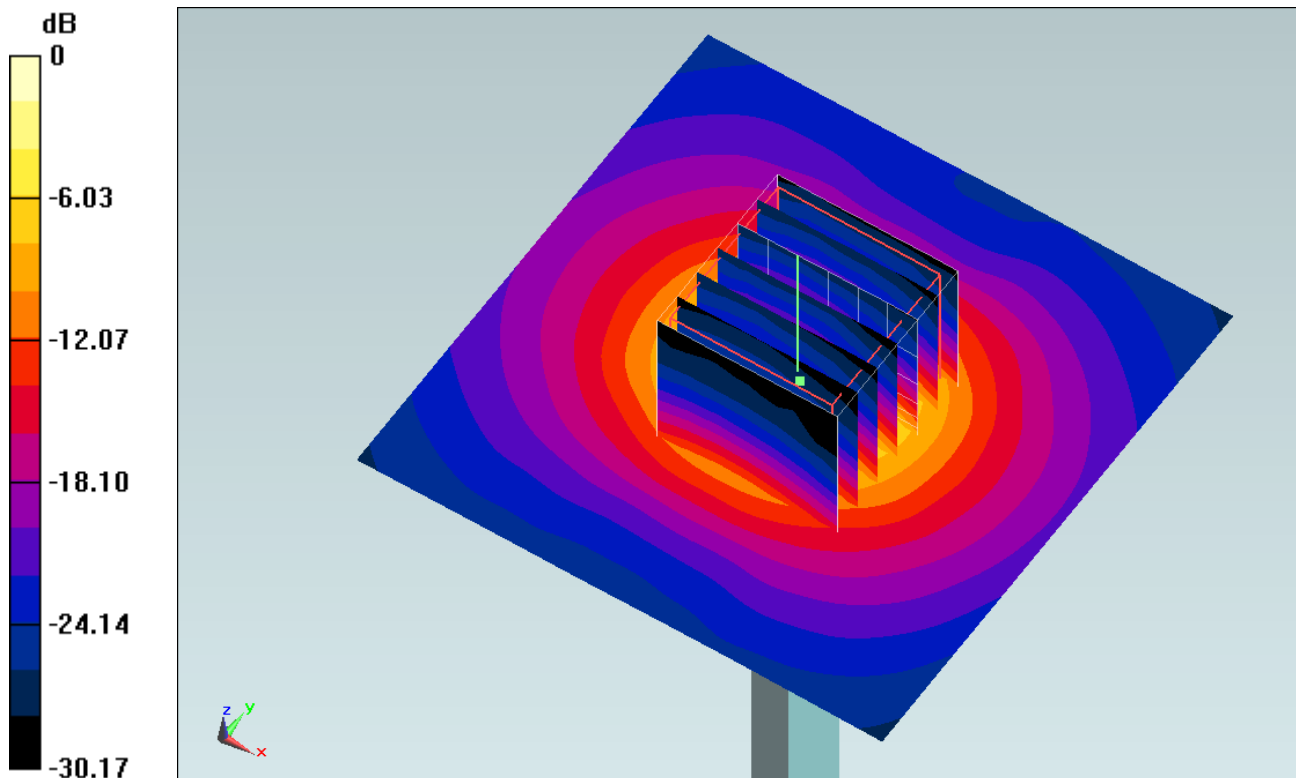
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.308 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 35.5 W/kg

**SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.29 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\_140613****DUT: D5GHzV2-1128**

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

Medium: MSL\_5G\_140613 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 - SN3954; ConvF(4.28, 4.28, 4.28); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 18.3 W/kg

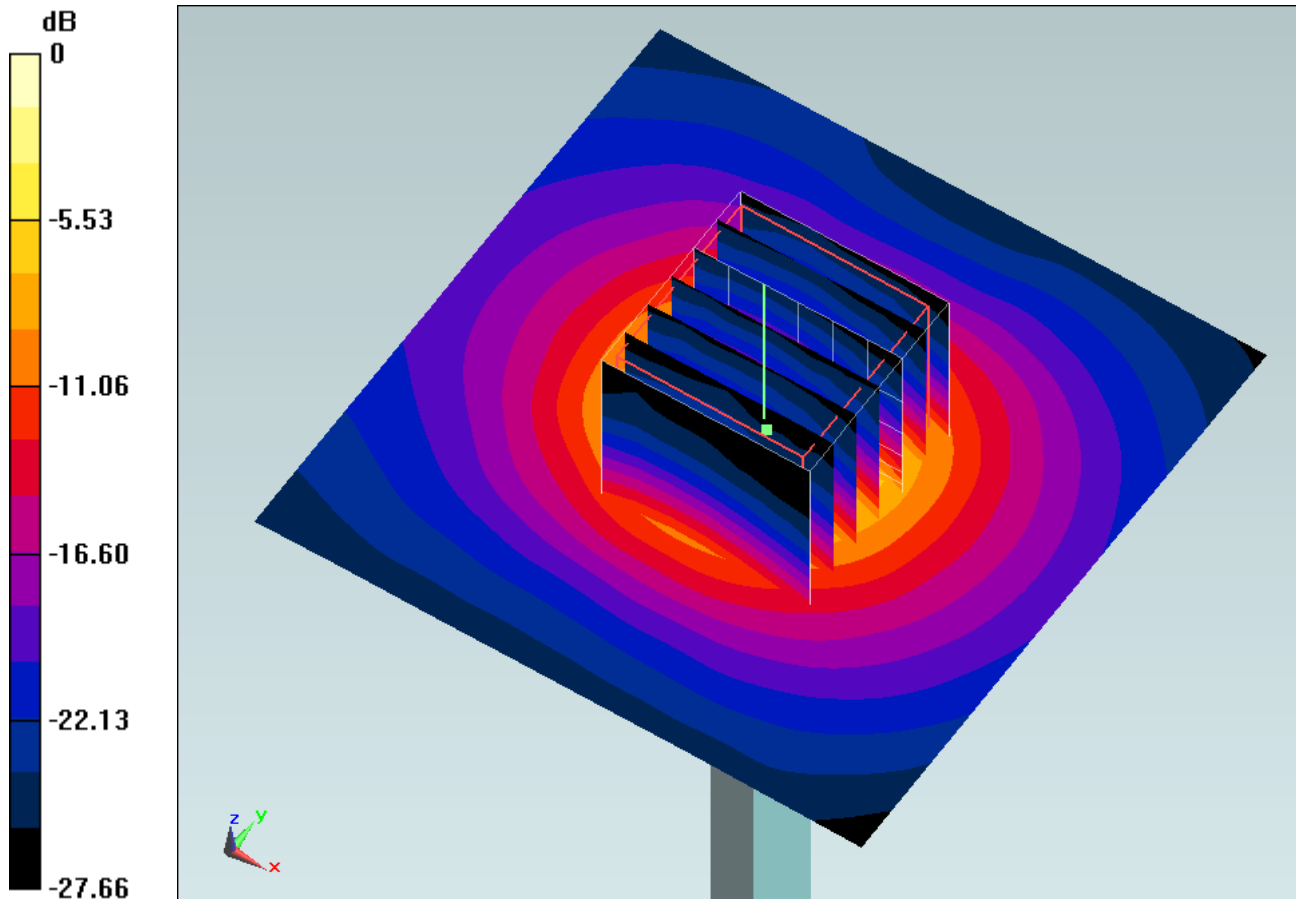
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.543 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 27.6 W/kg

**SAR(1 g) = 7.25 W/kg; SAR(10 g) = 2.05 W/kg**

Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 17.7 W/kg = 12.48 dBW/kg

**System Check\_Head\_5600MHz\_140612****DUT: D5GHzV2-1128**

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

Medium: HSL\_5G\_140612 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.231$  S/m;  $\epsilon_r = 34.71$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(4.69, 4.69, 4.69); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 20.8 W/kg

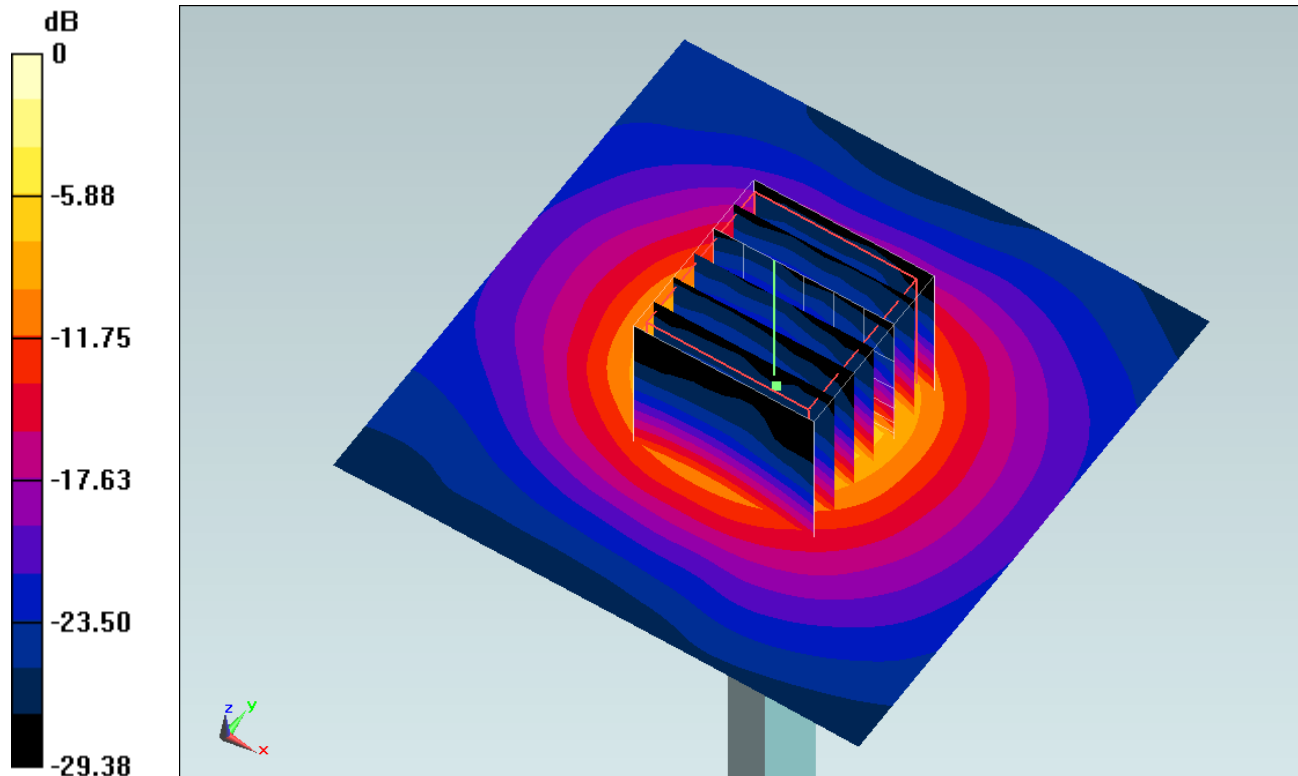
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.290 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 36.0 W/kg

**SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 19.7 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

**System Check\_Body\_5600MHz\_140613****DUT: D5GHzV2-1128**

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

Medium: MSL\_5G\_140613 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 - SN3954; ConvF(3.97, 3.97, 3.97); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 22.0 W/kg

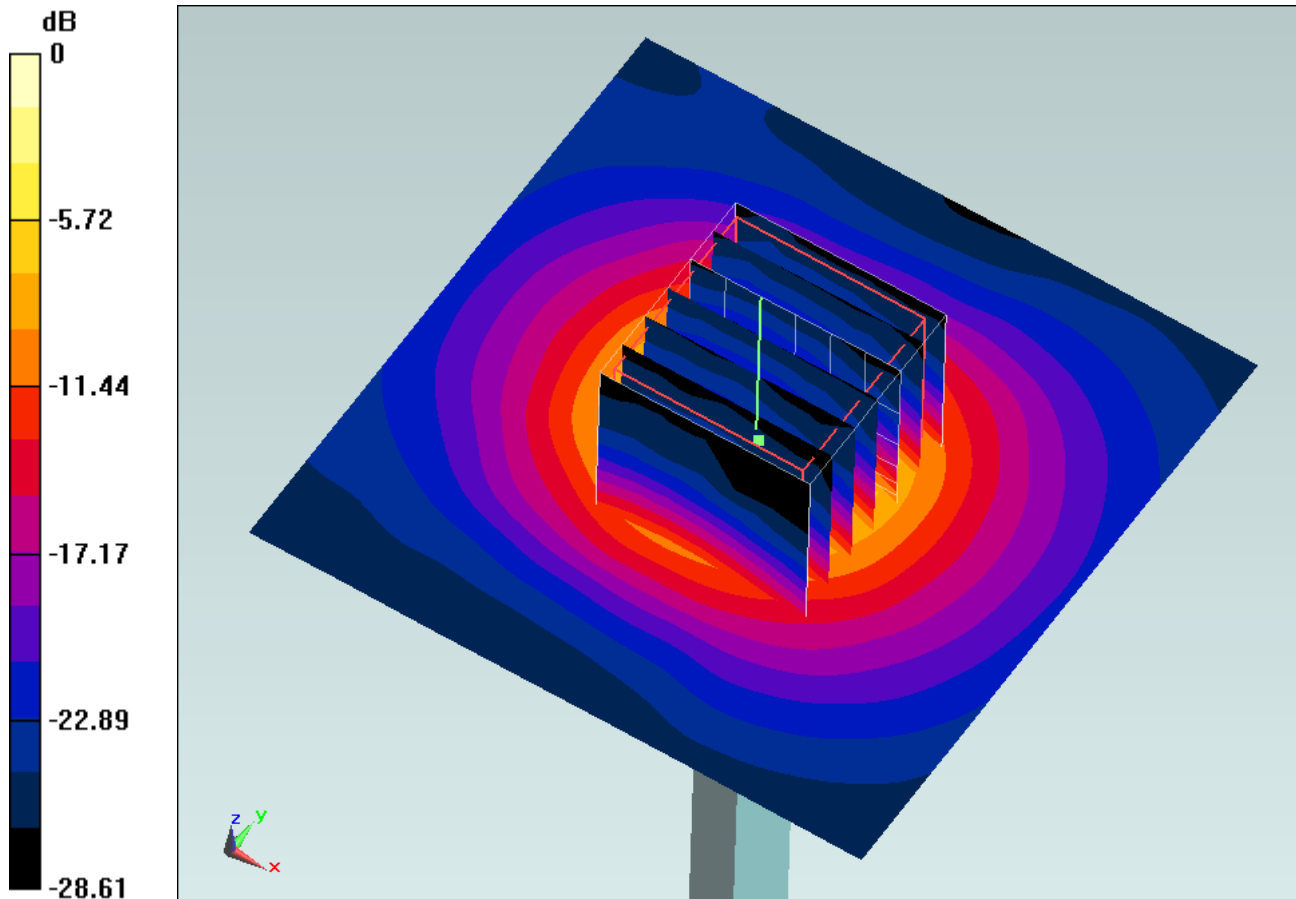
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.432 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 35.8 W/kg

**SAR(1 g) = 8.24 W/kg; SAR(10 g) = 2.29 W/kg**

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



0 dB = 21.4 W/kg = 13.30 dBW/kg

**System Check\_Head\_5800MHz\_140712****DUT: D5GHzV2-1128**

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

Medium: HSL\_5G\_140712 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.071$  S/m;  $\epsilon_r = 36.496$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(4.52, 4.52, 4.52); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) = 20.8 W/kg

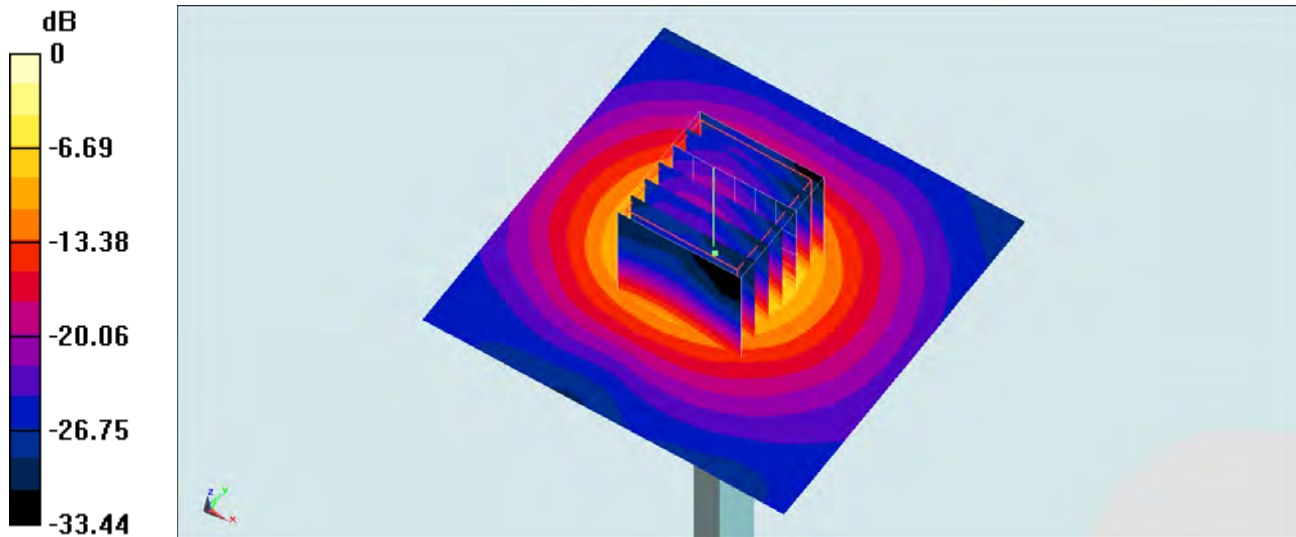
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.111 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 35.3 W/kg

**SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.11 W/kg**

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

## System Check\_Body\_5800MHz\_140712

### DUT: D5GHzV2-1128

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

Medium: MSL\_5G\_140712 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.12$  S/m;  $\epsilon_r = 47.381$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.09, 4.09, 4.09); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

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

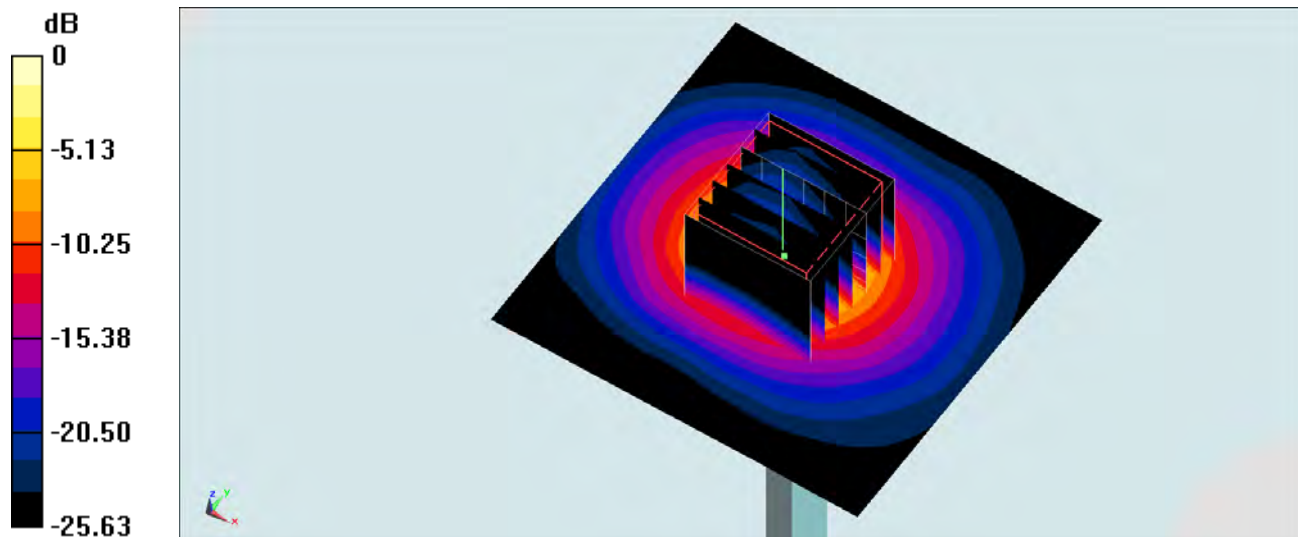
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 59.395 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.2 W/kg

**SAR(1 g) = 7.3 W/kg; SAR(10 g) = 1.98 W/kg**

Maximum value of SAR (measured) = 19.1 W/kg



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