

## System Check\_Body\_2450MHz\_131123

**DUT: D2450V2-SN:736**

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

Medium: MSL\_2450\_131123 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.02$  S/m;  $\epsilon_r = 53.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.76, 6.76, 6.76); Calibrated: 2013/10/15;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- 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) = 29.1 W/kg

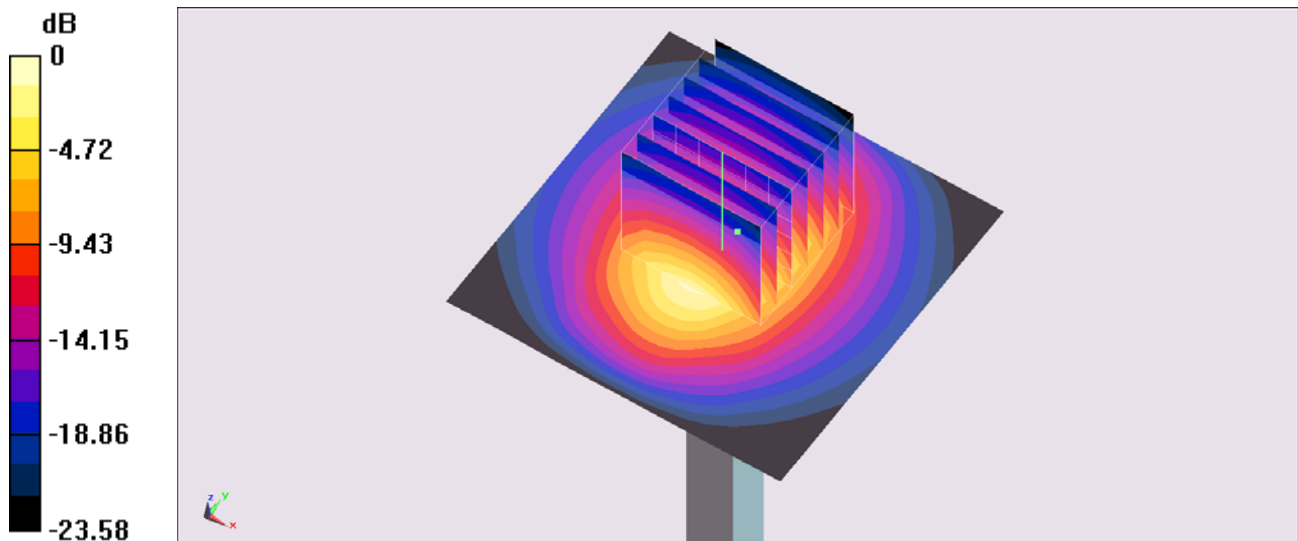
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.7 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 38.0 W/kg

**SAR(1 g) = 13.3 W/kg; SAR(10 g) = 3.99 W/kg**

Maximum value of SAR (measured) = 26.7 W/kg



0 dB = 26.7 W/kg = 14.27 dBW/kg

## System Check\_Body\_5200MHz\_131124

**DUT: D5GHzV2-SN:1128**

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

Medium: MSL\_5G\_131124 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.284$  S/m;  $\epsilon_r = 47.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.31, 4.31, 4.31); Calibrated: 2013/10/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 17.4 W/kg

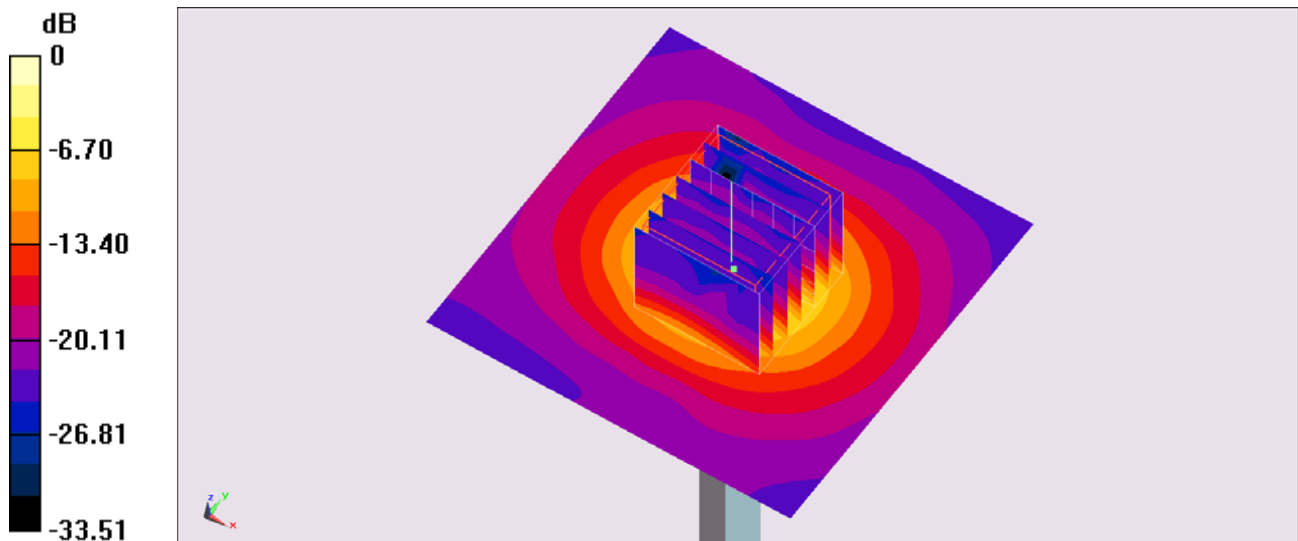
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.871 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 31.2 W/kg

**SAR(1 g) = 7.06 W/kg; SAR(10 g) = 1.97 W/kg**

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



0 dB = 17.6 W/kg = 12.46 dBW/kg

## System Check\_Body\_5300MHz\_131124

**DUT: D5GHzV2-SN:1128**

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

Medium: MSL\_5G\_131124 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.422 \text{ S/m}$ ;  $\epsilon_r = 47.242$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.09, 4.09, 4.09); Calibrated: 2013/10/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

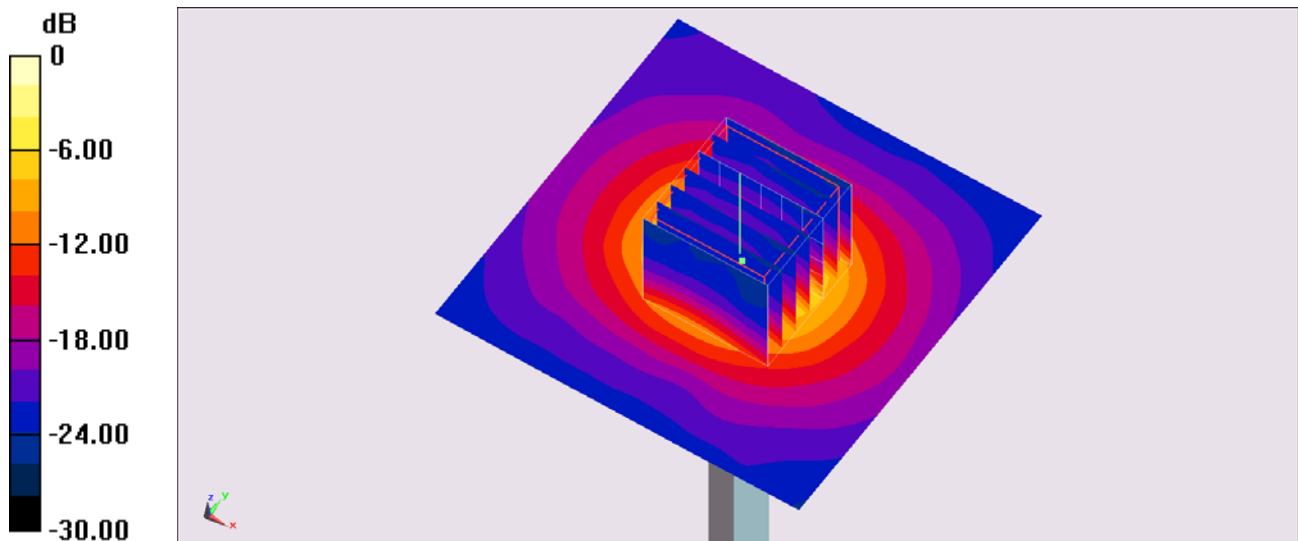
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $64.685 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $32.3 \text{ W/kg}$

**SAR(1 g) =  $7.46 \text{ W/kg}$ ; SAR(10 g) =  $2.11 \text{ W/kg}$**

Maximum value of SAR (measured) =  $18.4 \text{ W/kg}$



0 dB =  $18.4 \text{ W/kg} = 12.65 \text{ dBW/kg}$

## System Check\_Body\_5600MHz\_131124

**DUT: D5GHzV2-SN:1128**

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

Medium: MSL\_5G\_131124 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.821$  S/m;  $\epsilon_r = 46.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.95, 3.95, 3.95); Calibrated: 2013/10/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 27.5 W/kg

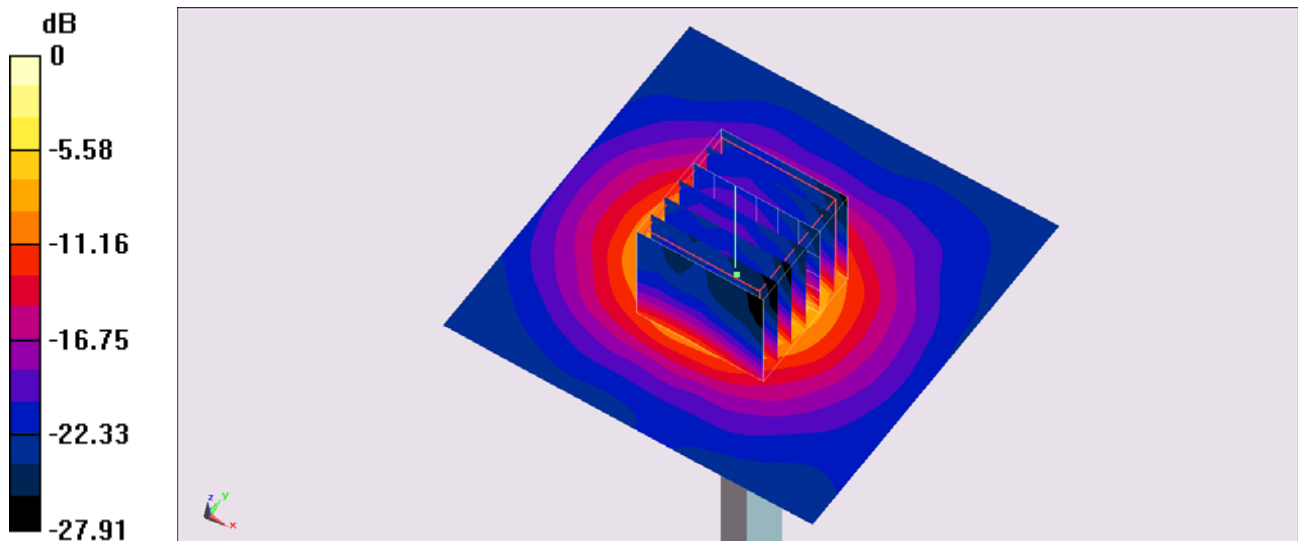
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.026 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 51.7 W/kg

**SAR(1 g) = 8.10 W/kg; SAR(10 g) = 3.04 W/kg**

Maximum value of SAR (measured) = 27.7 W/kg



0 dB = 27.7 W/kg = 14.42 dBW/kg

## System Check\_Body\_5800MHz\_131124

**DUT: D5GHzV2-SN:1128**

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

Medium: MSL\_5G\_131124 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.179$  S/m;  $\epsilon_r = 46.434$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2013/10/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) = 25.5 W/kg

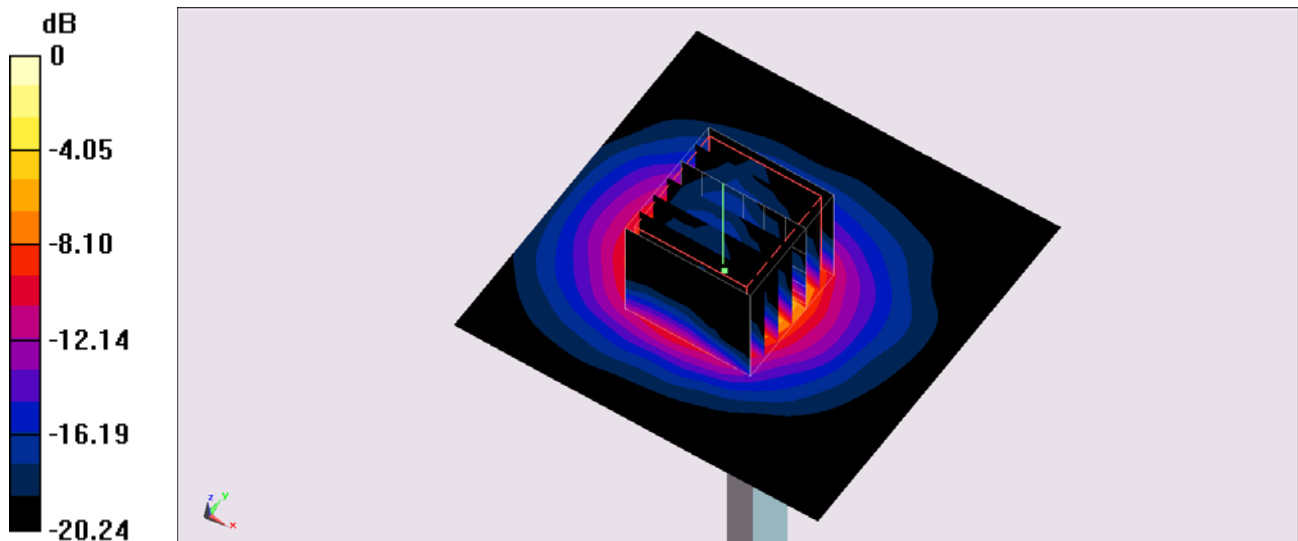
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 58.730 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 45.1 W/kg

**SAR(1 g) = 7.01 W/kg; SAR(10 g) = 2.08 W/kg**

Maximum value of SAR (measured) = 24.6 W/kg



0 dB = 24.6 W/kg = 13.91 dBW/kg

## System Check\_Body\_5800MHz\_131125

**DUT: D5GHzV2-SN:1128**

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

Medium: MSL\_5G\_131125 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.243 \text{ S/m}$ ;  $\epsilon_r = 46.387$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) =  $17.9 \text{ W/kg}$

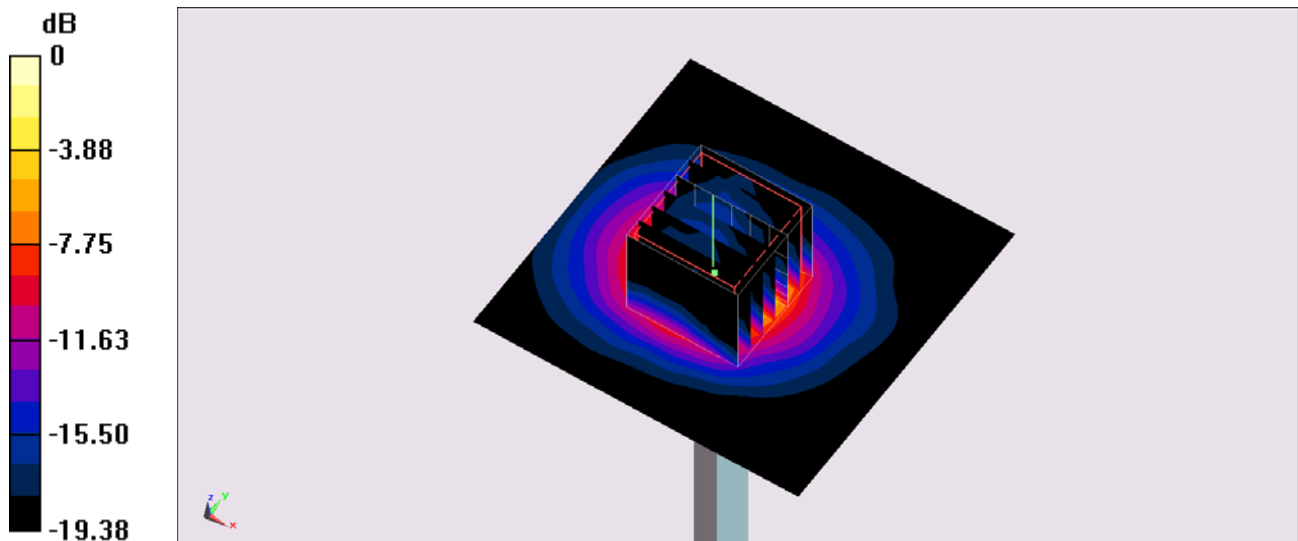
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $51.443 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$

Peak SAR (extrapolated) =  $28.7 \text{ W/kg}$

**SAR(1 g) =  $7.14 \text{ W/kg}$ ; SAR(10 g) =  $2.12 \text{ W/kg}$**

Maximum value of SAR (measured) =  $17.2 \text{ W/kg}$



0 dB =  $17.2 \text{ W/kg} = 12.36 \text{ dBW/kg}$

## System Check\_Body\_5800MHz\_131126

**DUT: D5GHzV2-SN:1128**

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

Medium: MSL\_5G\_131126 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.144 \text{ mho/m}$ ;  $\epsilon_r = 46.492$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.13, 4.13, 4.13); Calibrated: 2013/10/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (interpolated) =  $21.2 \text{ mW/g}$

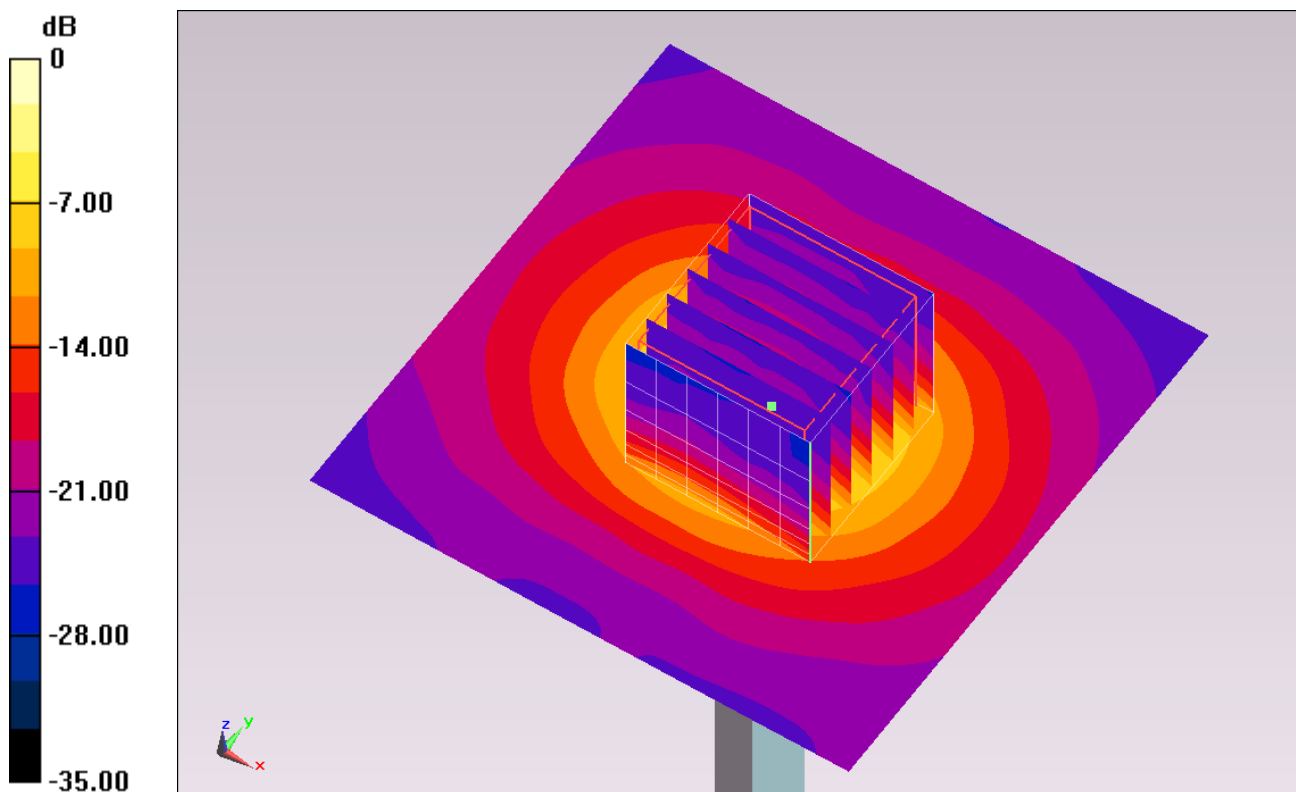
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $66.061 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$

Peak SAR (extrapolated) =  $37.939 \text{ mW/g}$

**SAR(1 g) =  $7.71 \text{ mW/g}$ ; SAR(10 g) =  $1.42 \text{ mW/g}$**

Maximum value of SAR (measured) =  $22.1 \text{ mW/g}$



$0 \text{ dB} = 22.1 \text{ mW/g} = 26.89 \text{ dB mW/g}$