

## System Check\_Body\_2450MHz\_141130

### DUT: D2450V2-869

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

Medium: MSL\_2450\_141130 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.018$  S/m;  $\epsilon_r = 51.075$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/5/22;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- 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) = 21.4 W/kg

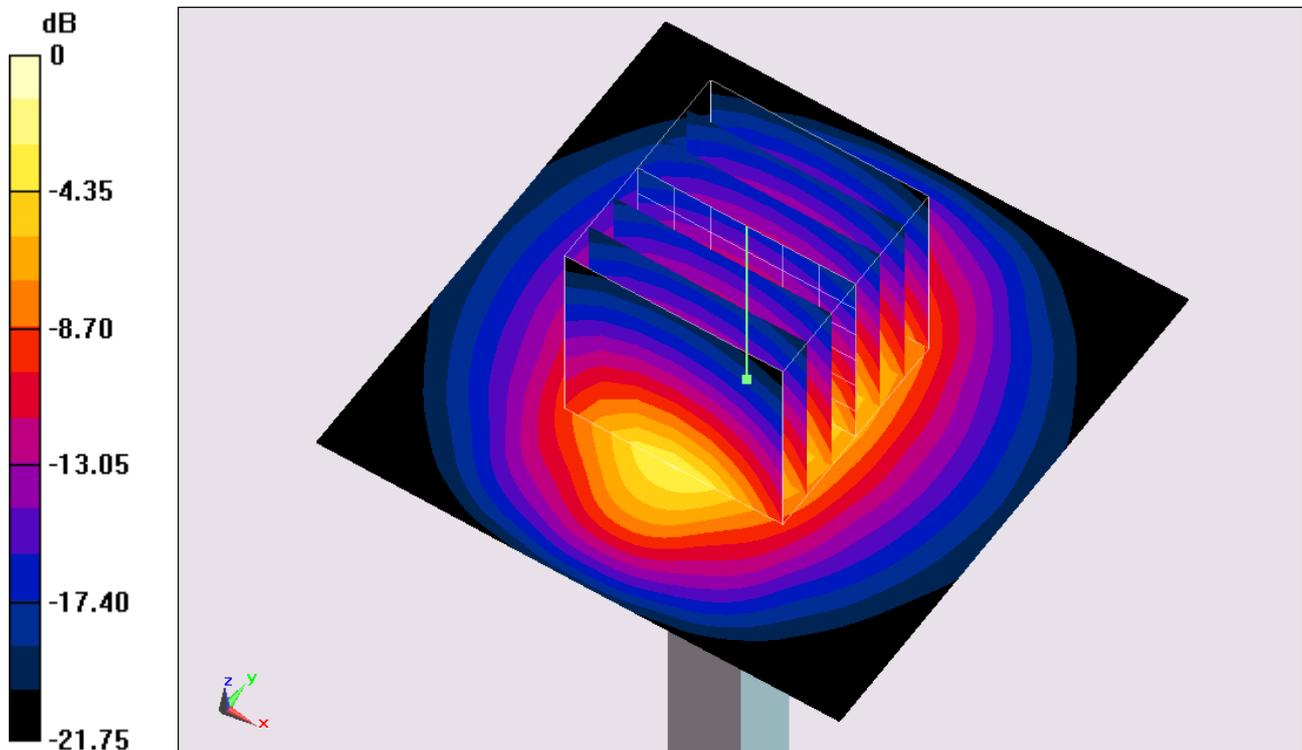
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.1 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 27.0 W/kg

**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.09 W/kg**

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



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

## System Check\_Body\_5200MHz\_141126

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141126 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.336$  S/m;  $\epsilon_r = 47.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3697; ConvF(4.25, 4.25, 4.25); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- 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

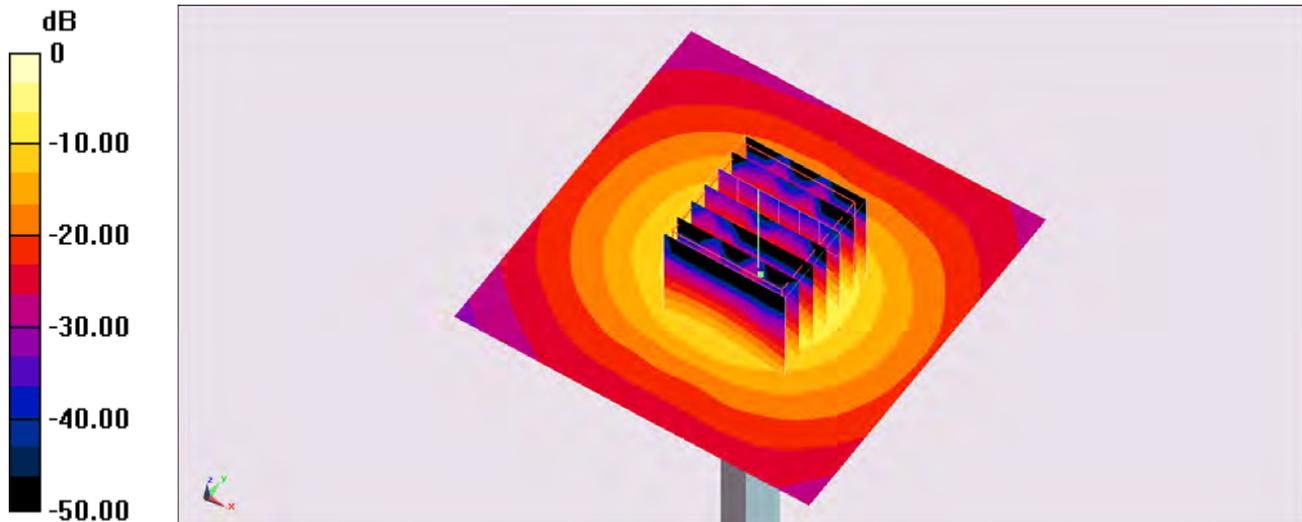
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.303 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 32.6 W/kg

**SAR(1 g) = 7.64 W/kg; SAR(10 g) = 2.08 W/kg**

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



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

## System Check\_Body\_5200MHz\_141129

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141129 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.284$  S/m;  $\epsilon_r = 47.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- 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) = 18.1 W/kg

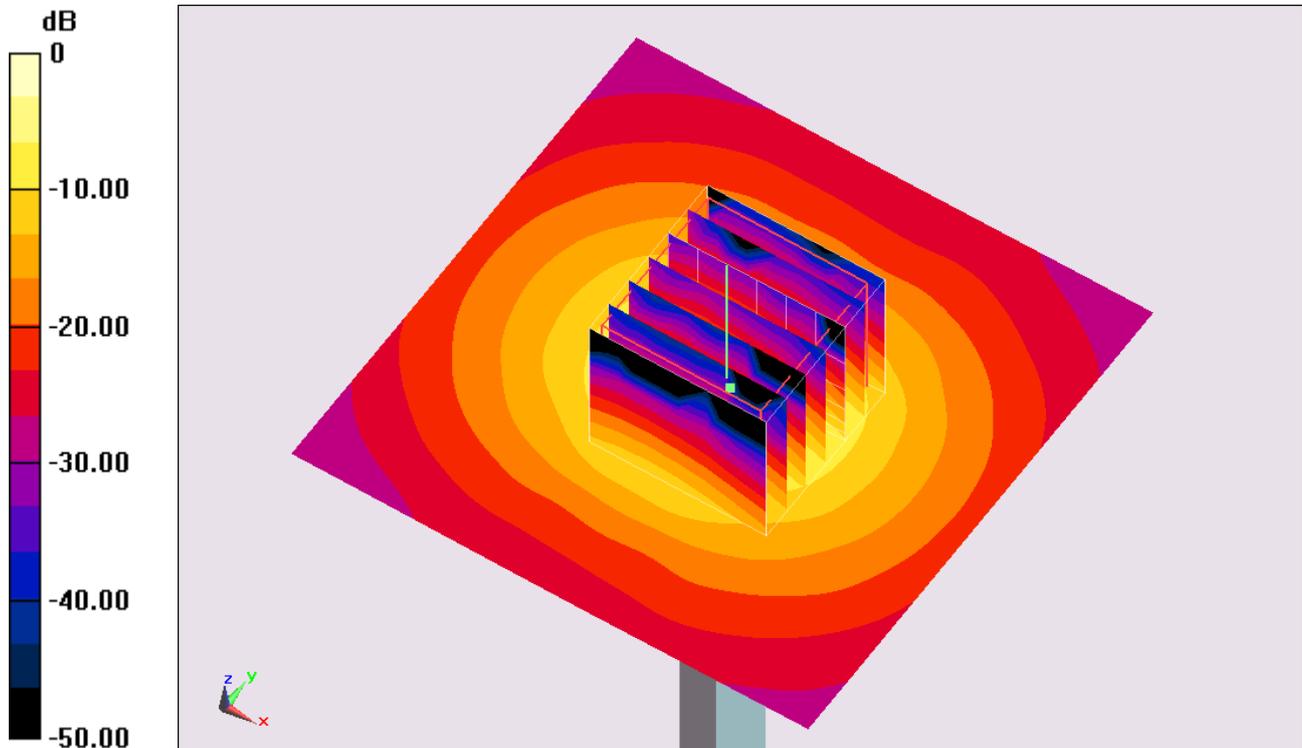
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.091 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.05 W/kg**

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



0 dB = 19.3 W/kg = 12.86 dBW/kg

## System Check\_Body\_5300MHz\_141126

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141126 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.478 \text{ S/m}$ ;  $\epsilon_r = 47.222$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3697; ConvF(4.04, 4.04, 4.04); Calibrated: 2014/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $20.2 \text{ W/kg}$

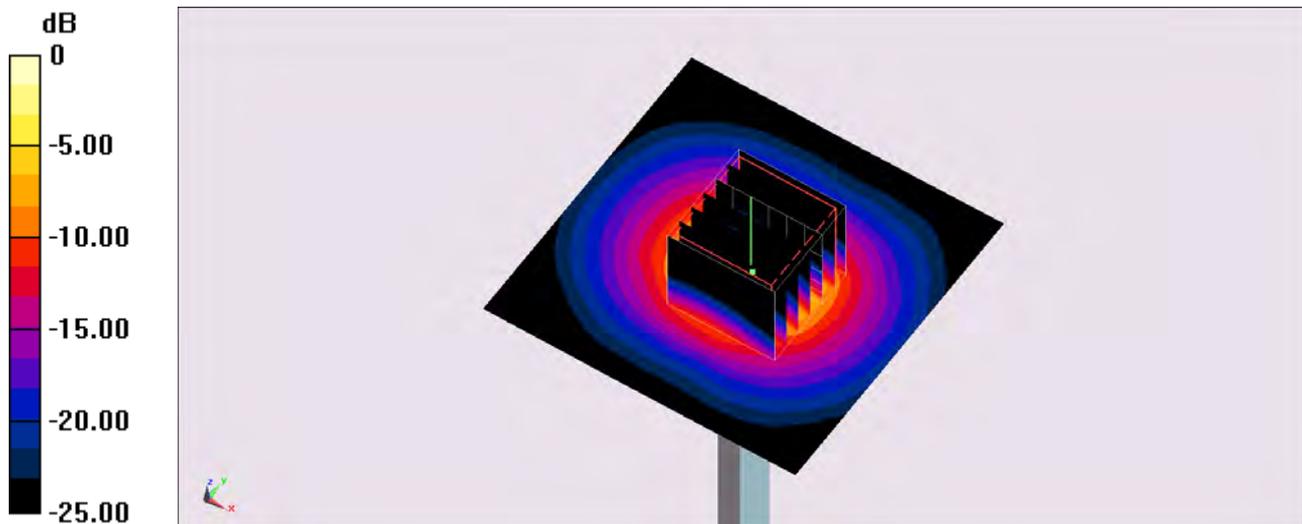
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $68.004 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $35.2 \text{ W/kg}$

**SAR(1 g) =  $8.25 \text{ W/kg}$ ; SAR(10 g) =  $2.25 \text{ W/kg}$**

Maximum value of SAR (measured) =  $20.4 \text{ W/kg}$



0 dB =  $20.4 \text{ W/kg}$  =  $13.10 \text{ dBW/kg}$

## System Check\_Body\_5300MHz\_141129

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141129 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 :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $20.0 \text{ W/kg}$

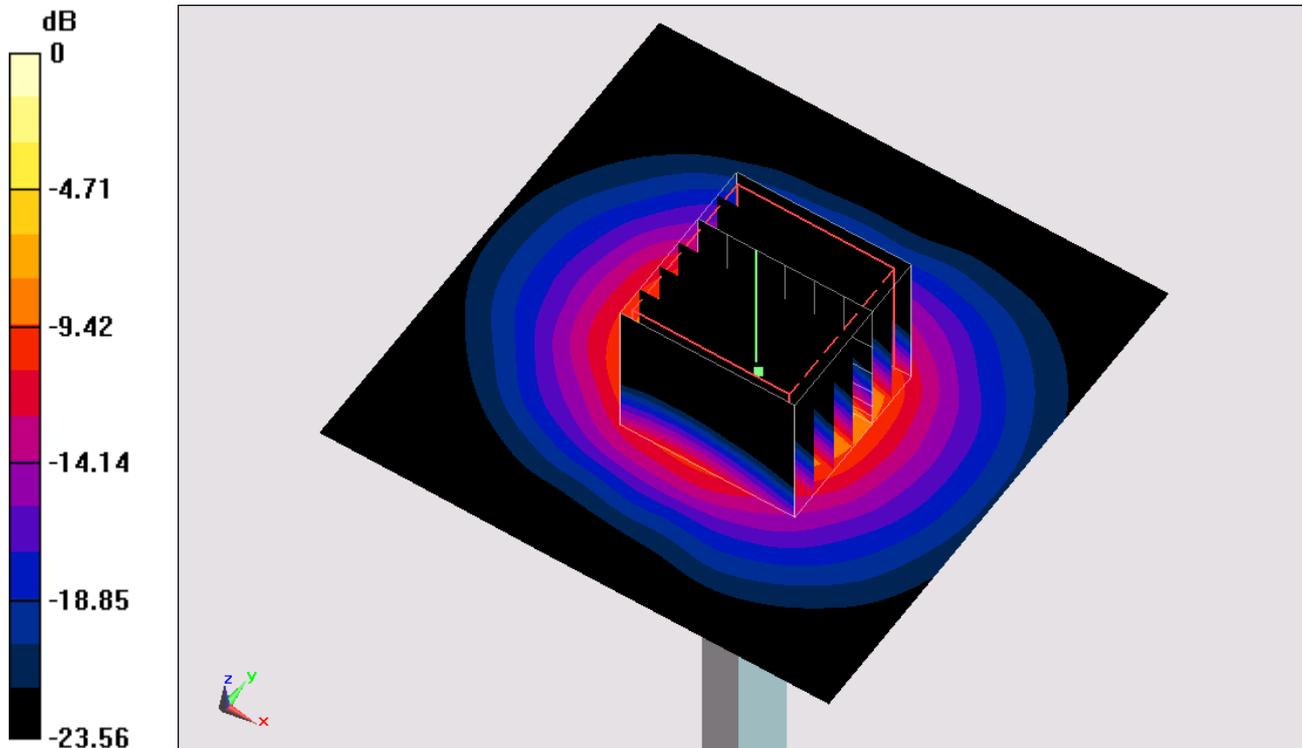
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $68.527 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $37.9 \text{ W/kg}$

**SAR(1 g) =  $8.33 \text{ W/kg}$ ; SAR(10 g) =  $2.22 \text{ W/kg}$**

Maximum value of SAR (measured) =  $21.2 \text{ W/kg}$



0 dB =  $21.2 \text{ W/kg}$  =  $13.26 \text{ dBW/kg}$

## System Check\_Body\_5600MHz\_141125

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141125 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.79$  S/m;  $\epsilon_r = 46.784$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- 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

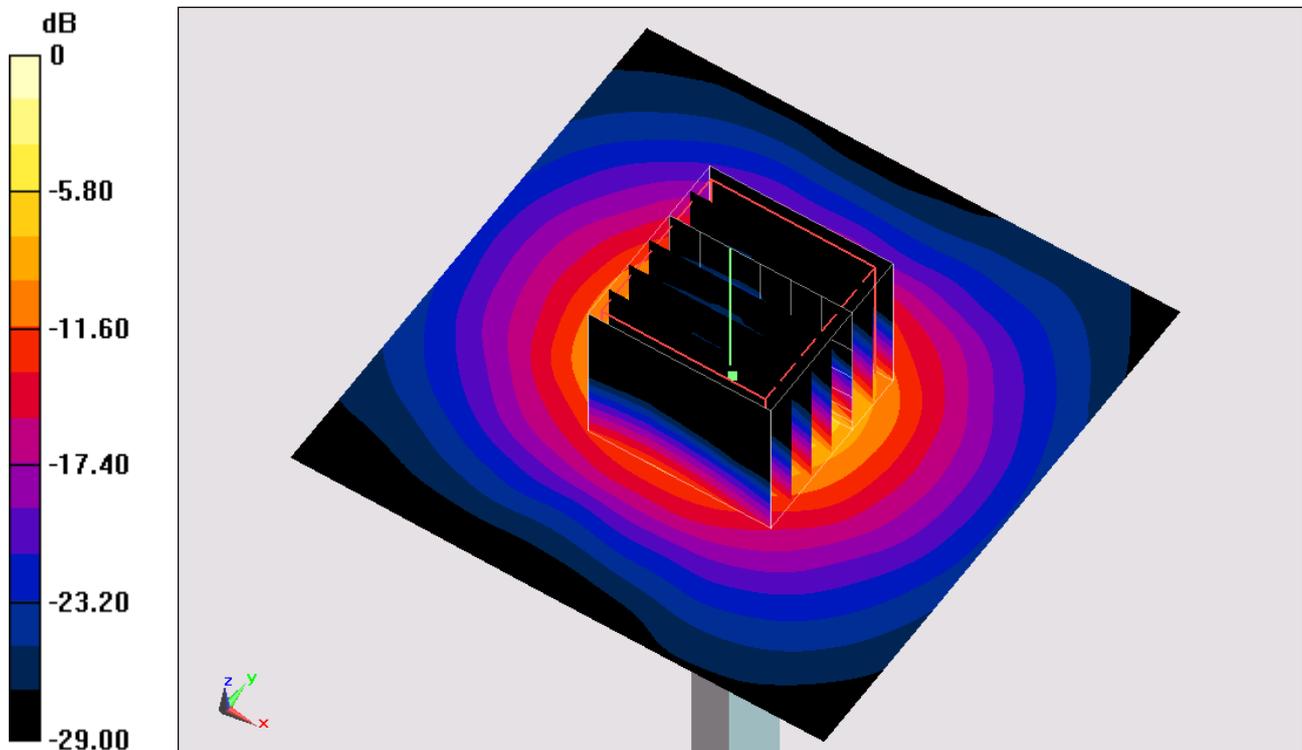
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.646 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 43.8 W/kg

**SAR(1 g) = 8.77 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 23.0 W/kg



0 dB = 23.0 W/kg = 13.62 dBW/kg

## System Check\_Body\_5600MHz\_141129

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141129 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.821$  S/m;  $\epsilon_r = 46.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- 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) = 22.8 W/kg

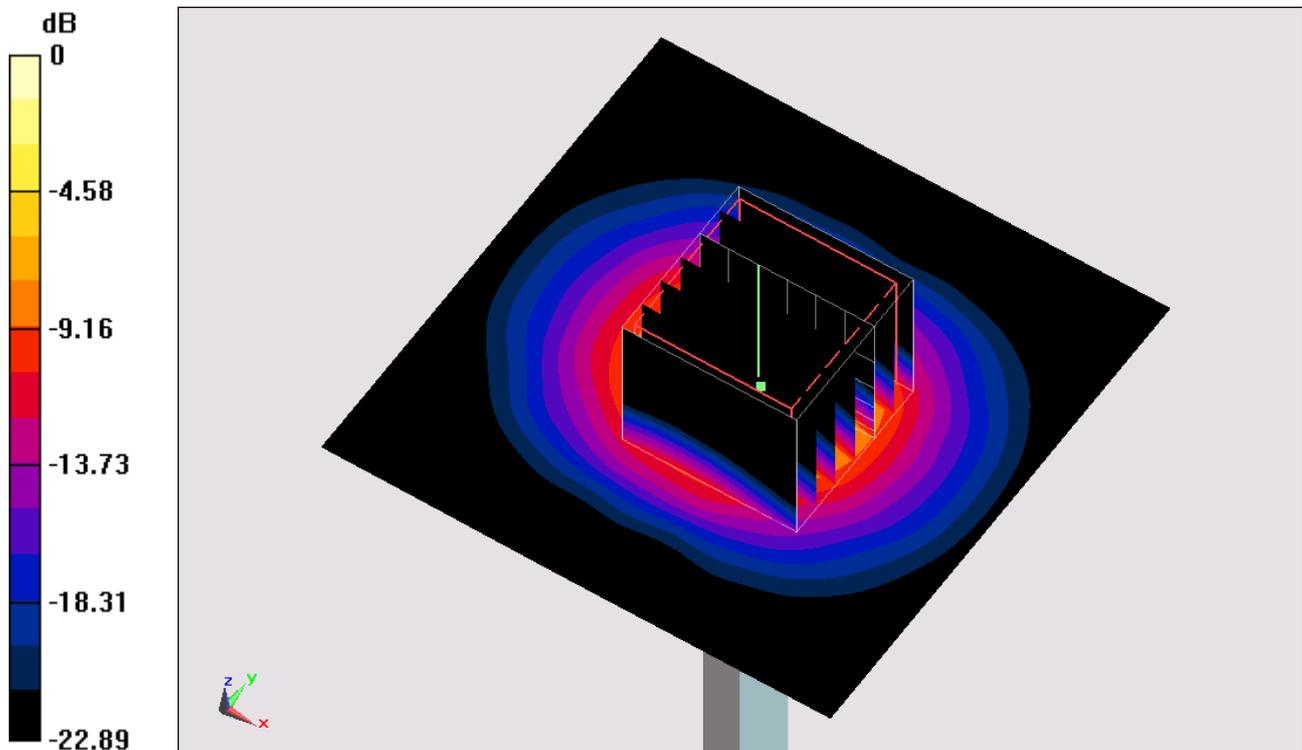
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.149 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 44.5 W/kg

**SAR(1 g) = 9.04 W/kg; SAR(10 g) = 2.39 W/kg**

Maximum value of SAR (measured) = 23.4 W/kg



0 dB = 23.4 W/kg = 13.69 dBW/kg

## System Check\_Body\_5800MHz\_141125

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141125 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.144 \text{ S/m}$ ;  $\epsilon_r = 46.492$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $21.2 \text{ W/kg}$

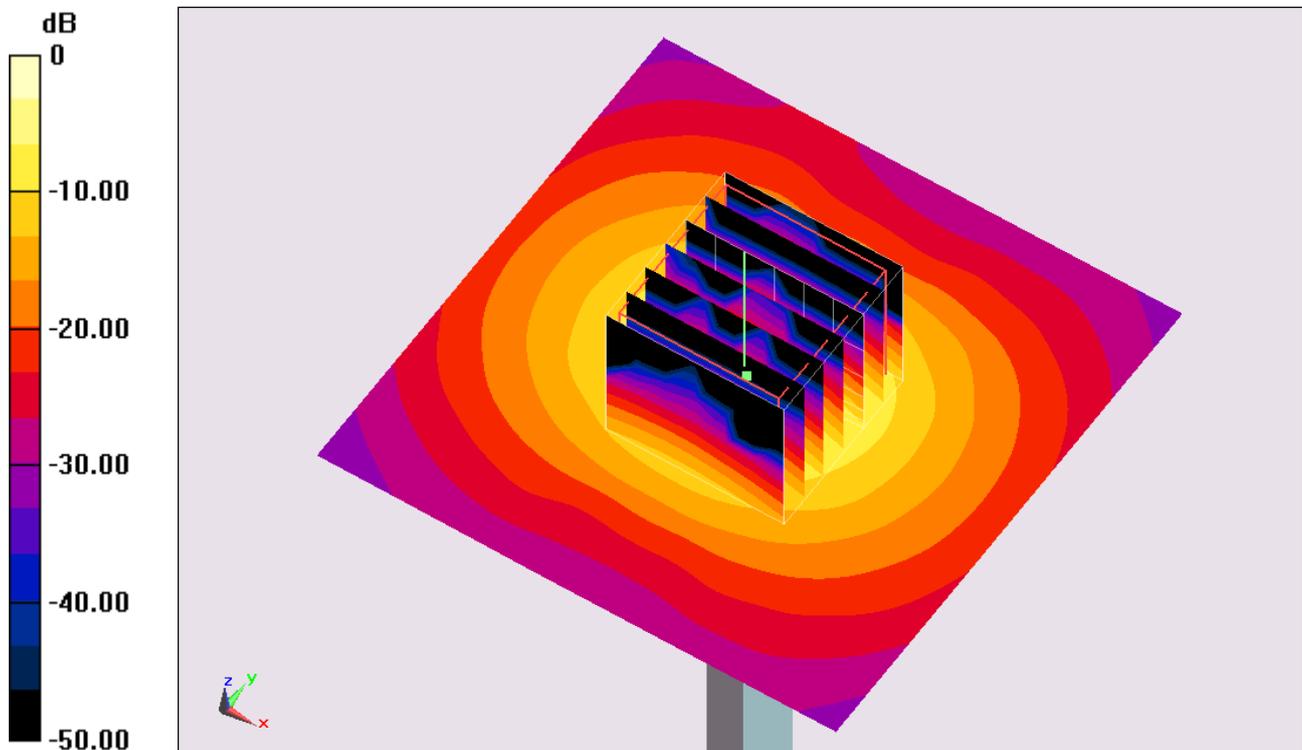
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $69.120 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $41.3 \text{ W/kg}$

**SAR(1 g) =  $8.42 \text{ W/kg}$ ; SAR(10 g) =  $2.22 \text{ W/kg}$**

Maximum value of SAR (measured) =  $22.3 \text{ W/kg}$



0 dB =  $22.3 \text{ W/kg} = 13.48 \text{ dBW/kg}$

## System Check\_Body\_5800MHz\_141129

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_141129 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.179 \text{ S/m}$ ;  $\epsilon_r = 46.434$ ;  $\rho = 1000 \text{ kg/m}^3$

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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

Maximum value of SAR (interpolated) =  $21.9 \text{ W/kg}$

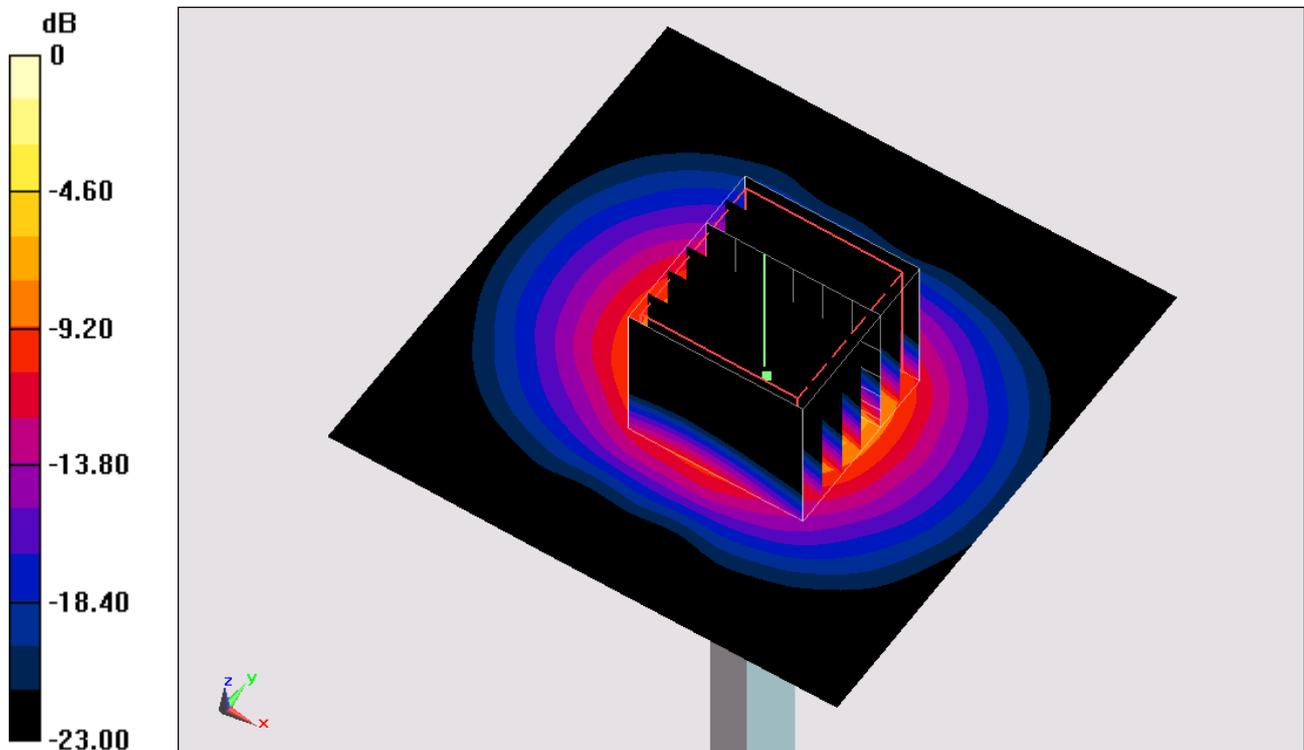
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $69.022 \text{ V/m}$ ; Power Drift =  $-0.15 \text{ dB}$

Peak SAR (extrapolated) =  $41.1 \text{ W/kg}$

**SAR(1 g) =  $8.35 \text{ W/kg}$ ; SAR(10 g) =  $2.22 \text{ W/kg}$**

Maximum value of SAR (measured) =  $21.8 \text{ W/kg}$



0 dB =  $21.8 \text{ W/kg} = 13.38 \text{ dBW/kg}$