

## System Check\_Head\_750MHz

### DUT: D750V3-1107

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

Medium: HSL\_750\_200825 Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.89 \text{ S/m}$ ;  $\epsilon_r = 42.349$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.92, 9.92, 9.92) @ 750 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) =  $2.90 \text{ W/kg}$

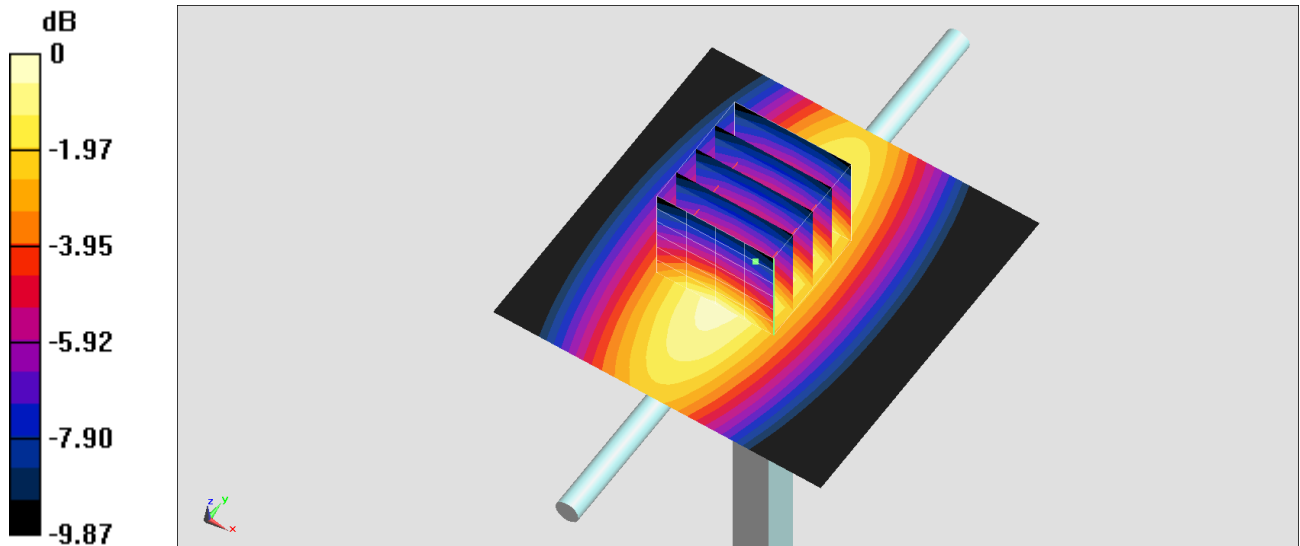
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $58.63 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $3.29 \text{ W/kg}$

**SAR(1 g) =  $2.21 \text{ W/kg}$ ; SAR(10 g) =  $1.49 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.91 \text{ W/kg}$



0 dB =  $2.91 \text{ W/kg}$  =  $4.64 \text{ dBW/kg}$

## System Check\_Head\_835MHz

### DUT: D835V2-4d167

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

Medium: HSL\_850\_200826 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 42.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.61, 9.61, 9.61) @ 835 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.45 W/kg

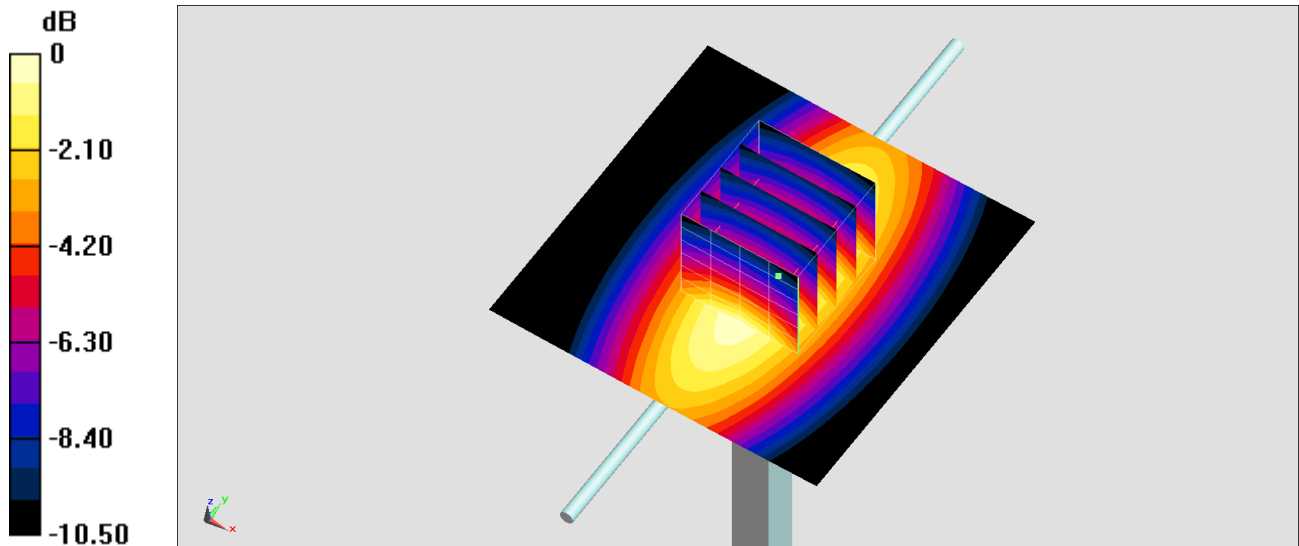
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.35 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.90 W/kg

**SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.68 W/kg**

Maximum value of SAR (measured) = 3.44 W/kg



0 dB = 3.44 W/kg = 5.37 dBW/kg

## System Check\_Head\_1750MHz

### DUT: D1750V2-1112

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

Medium: HSL\_1750\_200824 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 41.369$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.35, 8.35, 8.35) @ 1750 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 15.8 W/kg

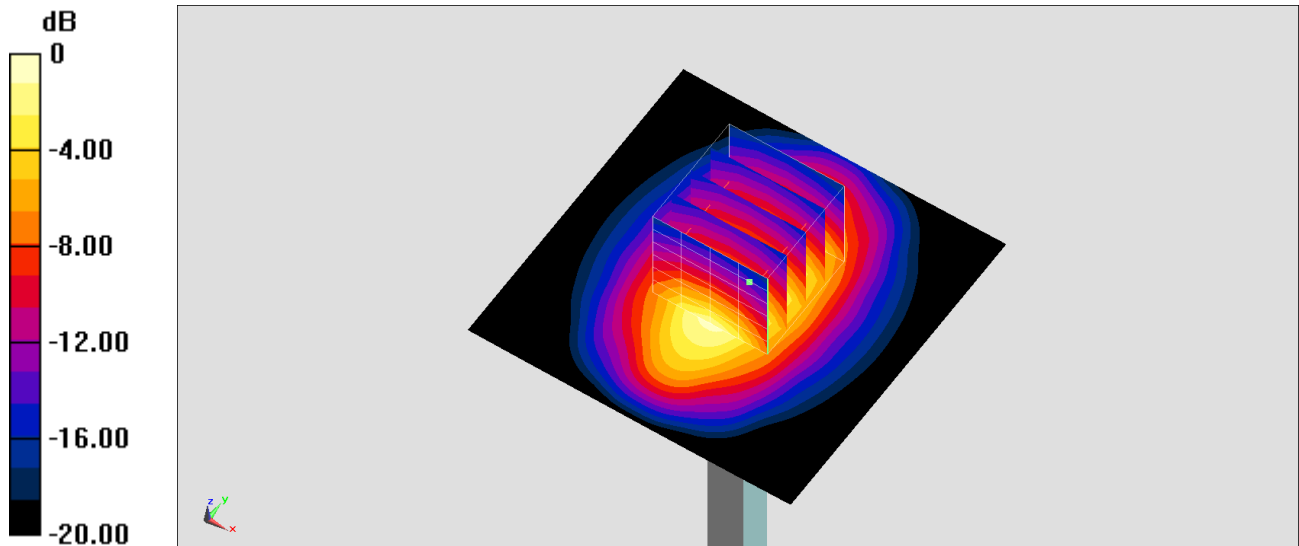
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 109.4 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 19.3 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 5.32 W/kg**

Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg = 11.99 dBW/kg

## System Check\_Head\_1750MHz

### DUT: D1750V2-1112

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

Medium: HSL\_1750\_200902 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 40.492$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.7, 8.7, 8.7) @ 1750 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 13.1 W/kg

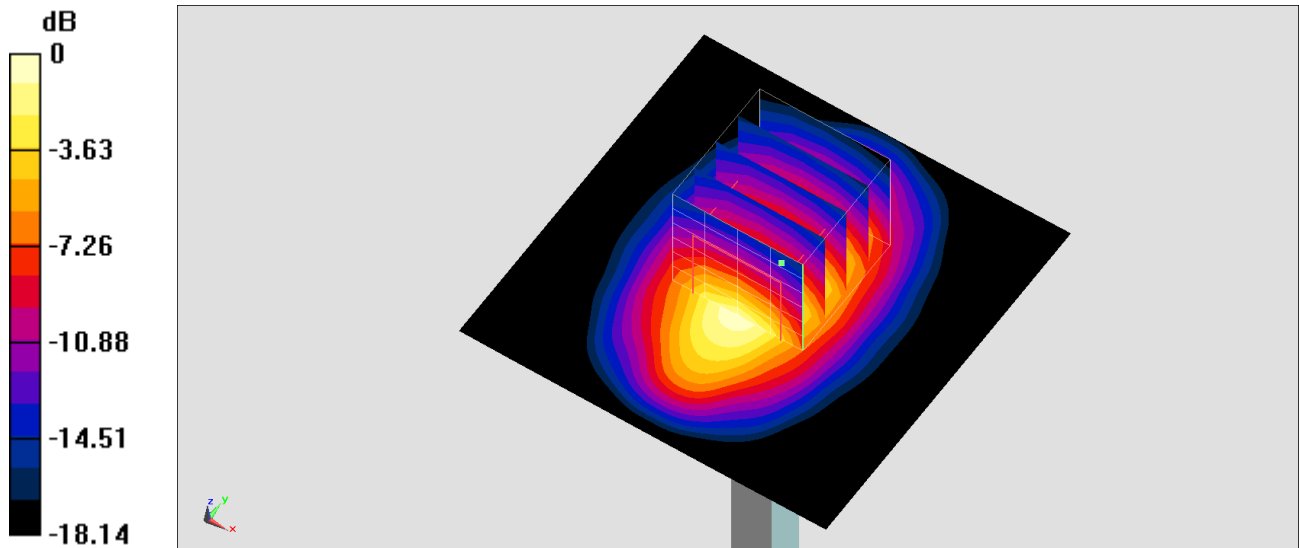
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.64 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 16.8 W/kg

**SAR(1 g) = 9.24 W/kg; SAR(10 g) = 4.81 W/kg**

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V2-5d041

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

Medium: HSL\_1900\_200824 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.373$  S/m;  $\epsilon_r = 39.058$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.06, 8.06, 8.06) @ 1900 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 15.8 W/kg

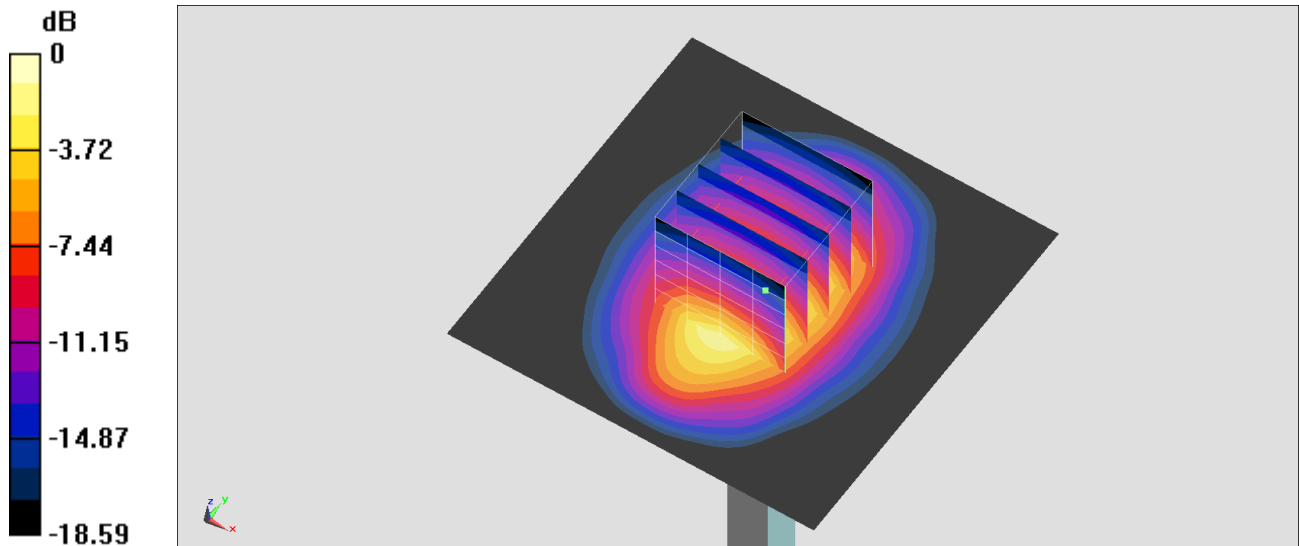
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.5 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 19.2 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 5.15 W/kg**

Maximum value of SAR (measured) = 15.9 W/kg



0 dB = 15.9 W/kg = 12.01 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V2-5d041

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

Medium: HSL\_1900\_200903 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.374$  S/m;  $\epsilon_r = 39.052$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 14.4 W/kg

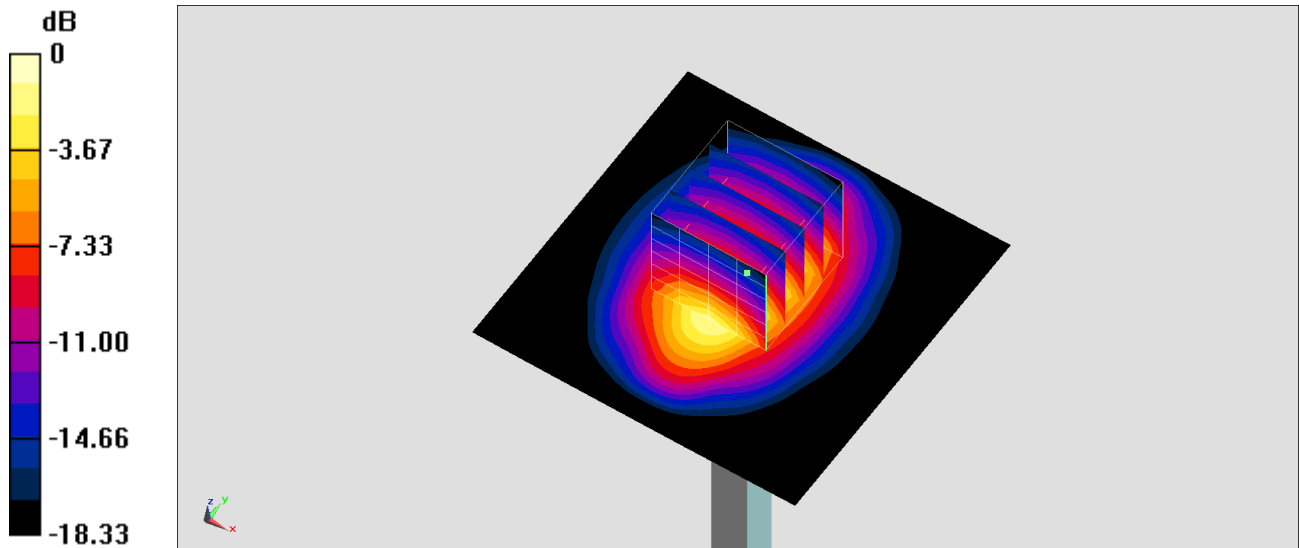
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.6 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 16.9 W/kg

**SAR(1 g) = 9.15 W/kg; SAR(10 g) = 4.84 W/kg**

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_200828 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.804$  S/m;  $\epsilon_r = 39.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.47, 7.47, 7.47) @ 2450 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 26.1 W/kg

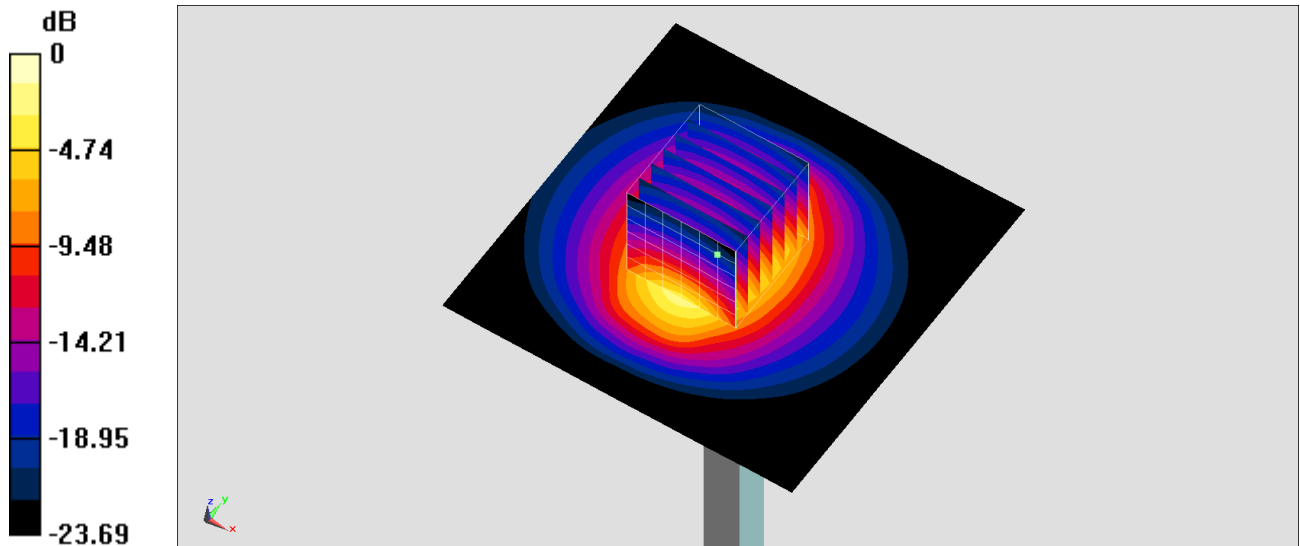
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.9 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 29.8 W/kg

**SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.41 W/kg**

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



0 dB = 23.6 W/kg = 13.73 dBW/kg

## System Check\_Head\_2600MHz

### DUT: D2600V2-1078

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

Medium: HSL\_2600\_200831 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.977$  S/m;  $\epsilon_r = 39.009$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.5, 7.5, 7.5) @ 2600 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 24.8 W/kg

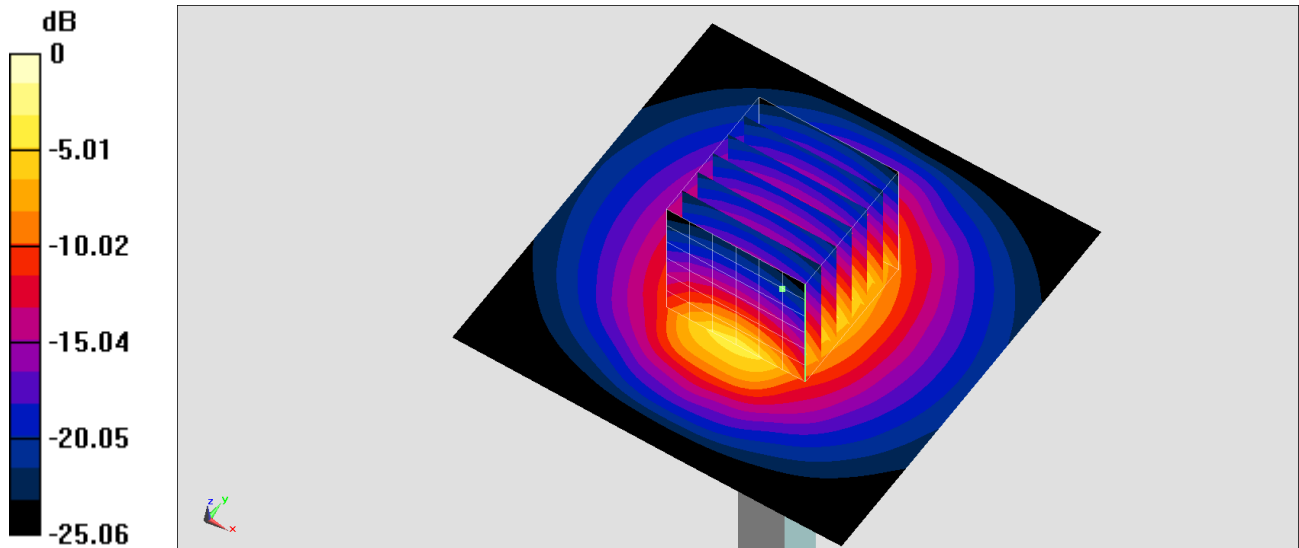
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.3 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 30.7 W/kg

**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 5.99 W/kg**

Maximum value of SAR (measured) = 24.1 W/kg



0 dB = 24.1 W/kg = 13.82 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_200828 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.885$  S/m;  $\epsilon_r = 36.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.36, 5.36, 5.36) @ 5250 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 20.3 W/kg

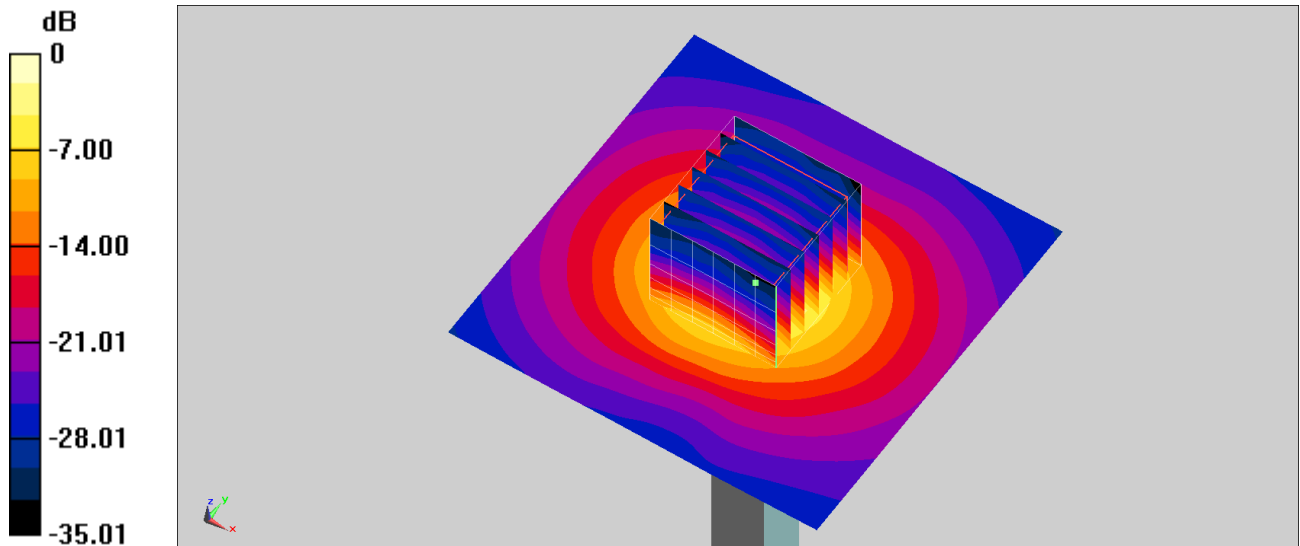
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.25 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 31.0 W/kg

**SAR(1 g) = 7.77 W/kg; SAR(10 g) = 2.21 W/kg**

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



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

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_200904 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.848$  S/m;  $\epsilon_r = 35.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.68, 4.68, 4.68) @ 5600 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

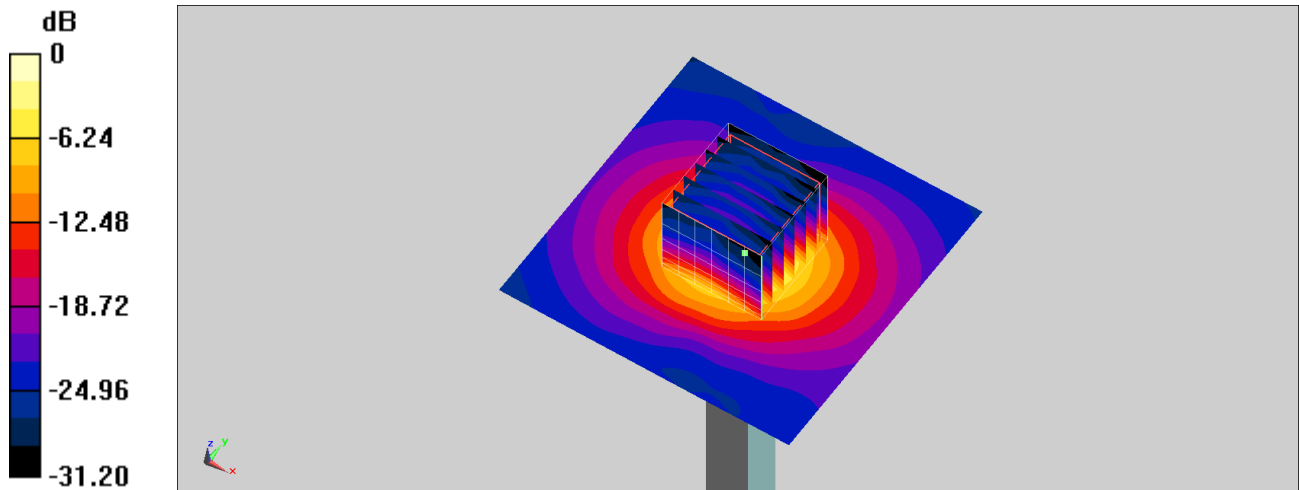
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.78 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 35.9 W/kg

**SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.35 W/kg**

Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.2 W/kg = 13.26 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_200904 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.006$  S/m;  $\epsilon_r = 35.064$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.91, 4.91, 4.91) @ 5750 MHz; Calibrated: 2020/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2020/1/24
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 18.0 W/kg

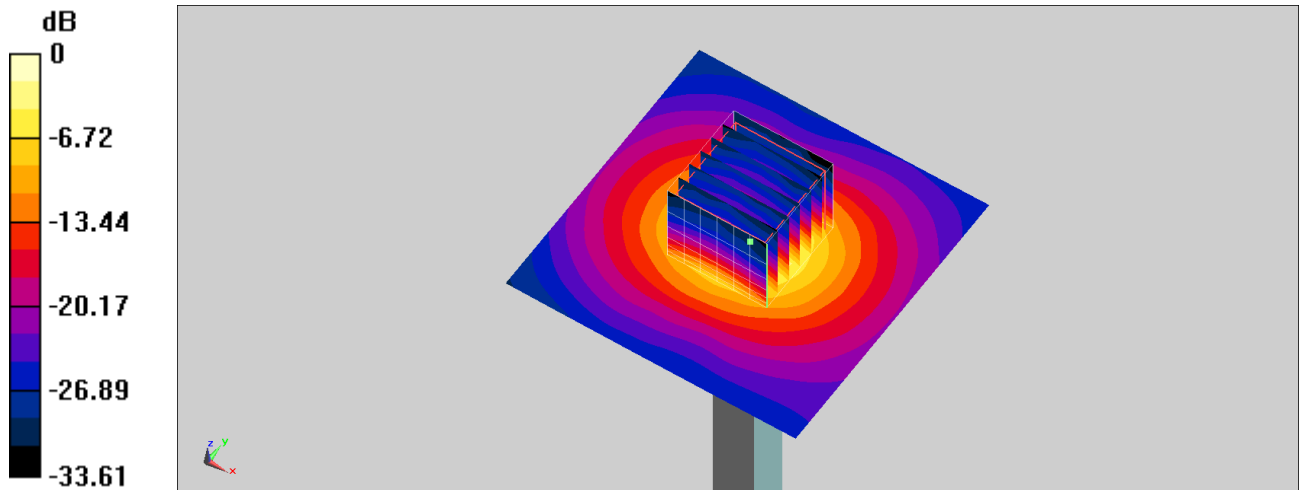
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.40 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 32.7 W/kg

**SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.12 W/kg**

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



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