

## System Check\_Head\_750MHz

### DUT: D750V3-SN:1099

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_191102 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 40.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.68, 6.68, 6.68); Calibrated: 2019.05.24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2019.01.03
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1233
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.40 W/kg

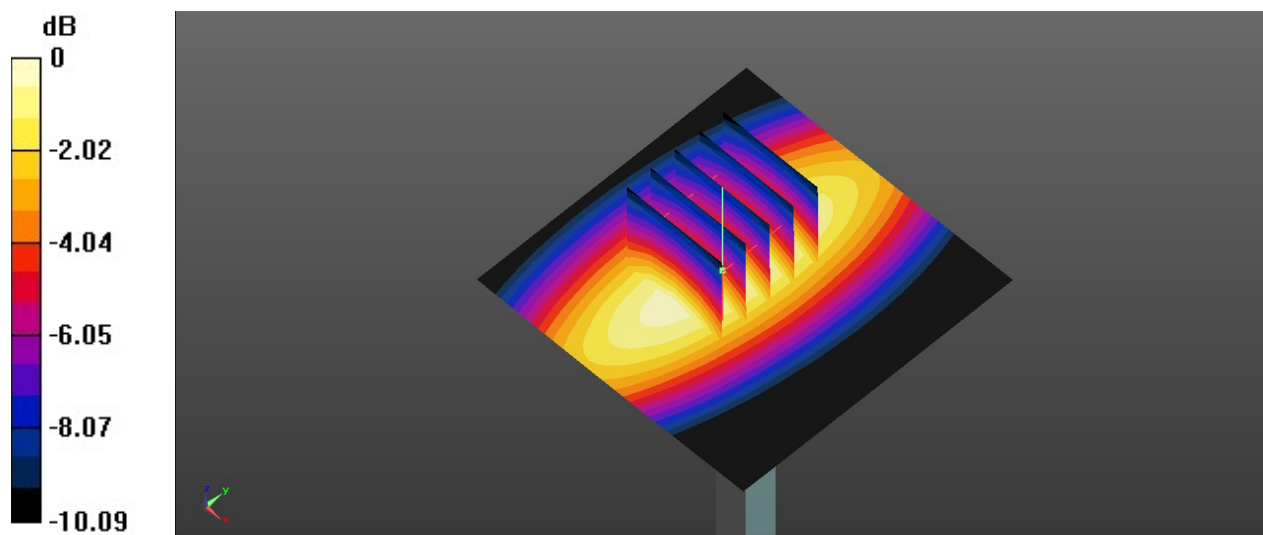
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.40 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.01 W/kg

**SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.4 W/kg**

Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.40 W/kg

## System Check\_Head\_835MHz

### DUT: D835V2-SN:4d162

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_191102 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 41.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.42, 6.42, 6.42); Calibrated: 2019.05.24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2019.01.03
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1233
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

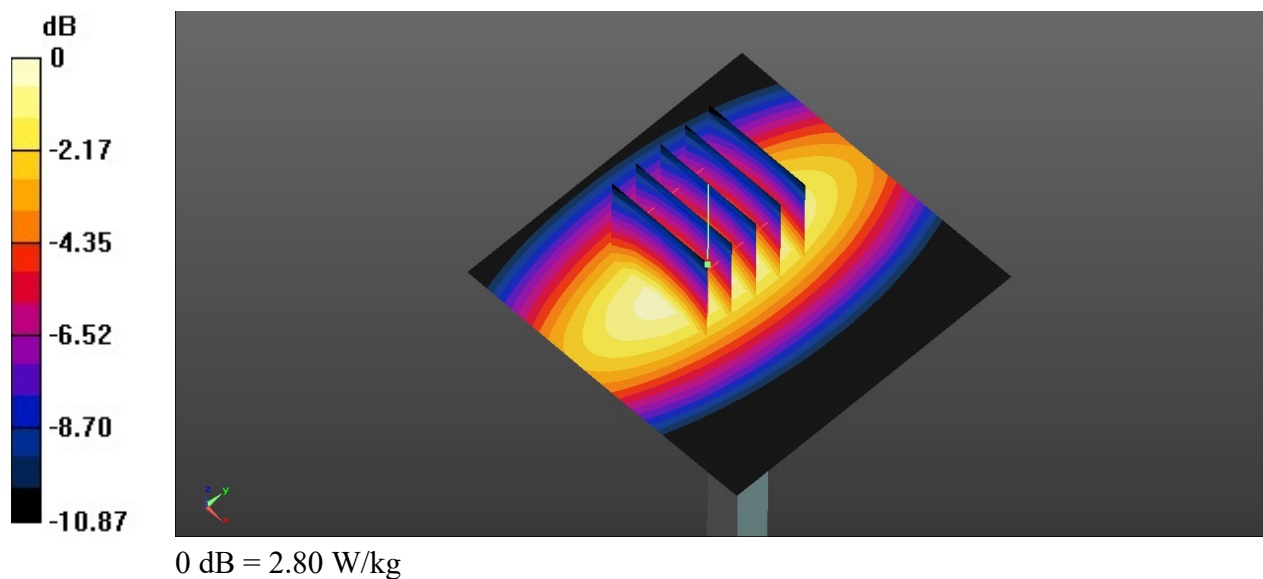
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.26 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.62 W/kg

**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.58 W/kg**

Maximum value of SAR (measured) = 2.84 W/kg



## System Check\_Head\_1750MHz

### DUT: D1750V2-SN:1090

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_191103 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.338$  S/m;  $\epsilon_r = 38.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.34, 5.34, 5.34); Calibrated: 2019.05.24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2019.01.03
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1233
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

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

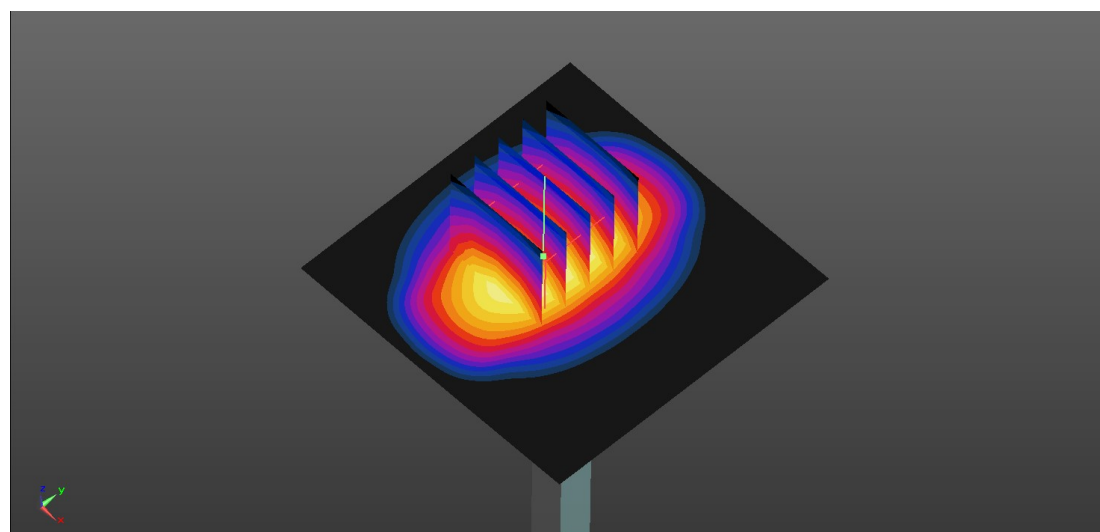
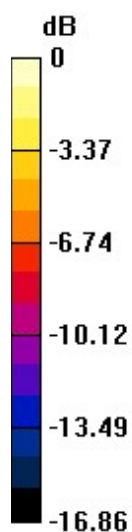
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.91 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 16.5 W/kg

**SAR(1 g) = 9.38 W/kg; SAR(10 g) = 5.01 W/kg**

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 12.0 W/kg

## System Check\_Head\_1900MHz

### DUT: D1900V2-SN:5d182

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_191103 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.443$  S/m;  $\epsilon_r = 40.03$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.14, 5.14, 5.14); Calibrated: 2019.05.24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2019.01.03
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1233
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.4 W/kg

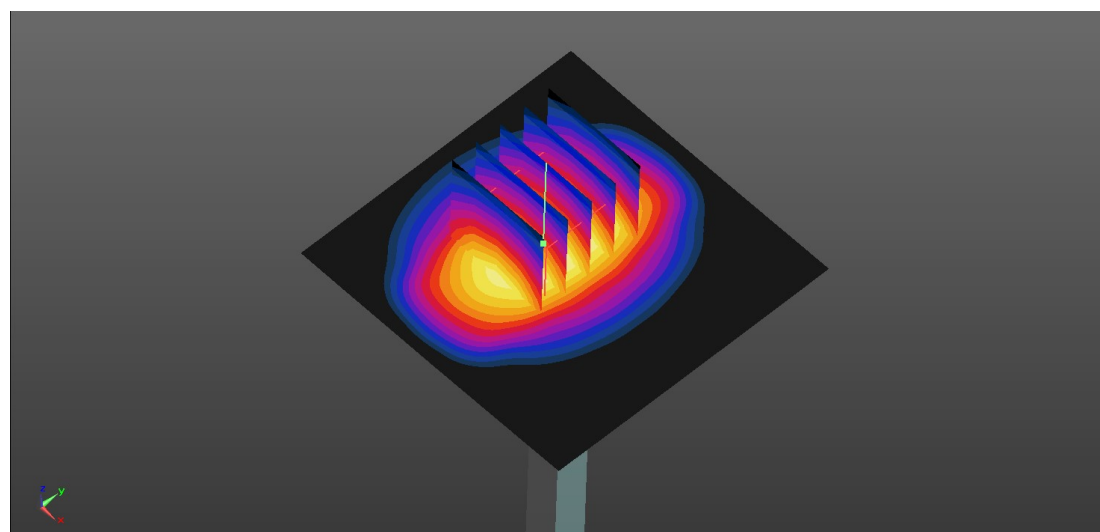
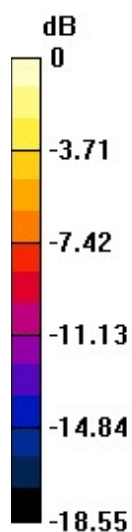
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.51 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 19.2 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.33 W/kg**

Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 13.4 W/kg

## System Check\_Head\_2300MHz

### DUT: D2300V2-SN:1006

Communication System: UID 0, CW ; Frequency: 2300 MHz;Duty Cycle: 1:1

Medium: HSL\_2300\_191104 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.655$  S/m;  $\epsilon_r = 38.865$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.8, 4.8, 4.8); Calibrated: 2019.05.24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2019.01.03
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1233
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 15.7 W/kg

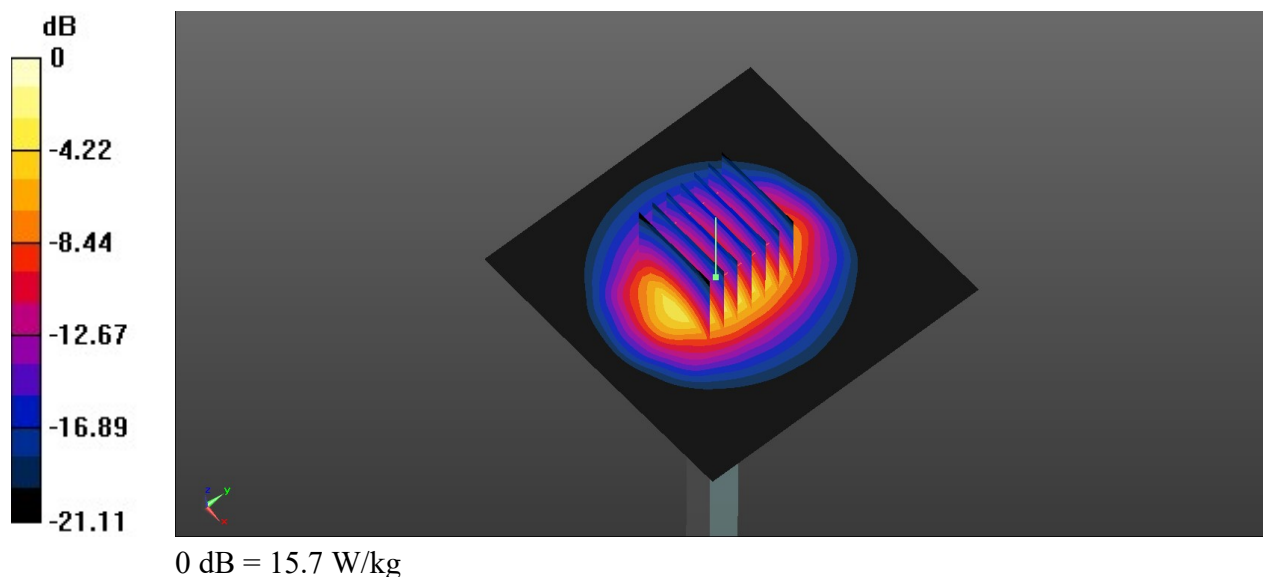
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.55 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 24.1 W/kg

**SAR(1 g) = 11.9 W/kg; SAR(10 g) = 5.63 W/kg**

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



## System Check\_Head\_2600MHz

### DUT: D2600V2-SN:1070

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_191104 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.055$  S/m;  $\epsilon_r = 38.316$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.38, 4.38, 4.38); Calibrated: 2019.05.24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2019.01.03
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1233
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=12mm, dy=12mm

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

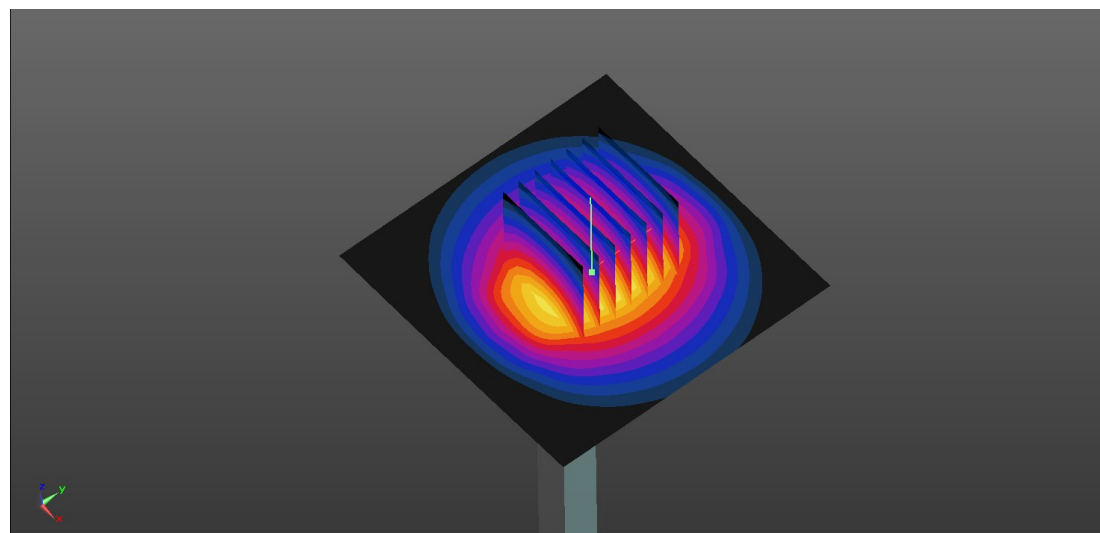
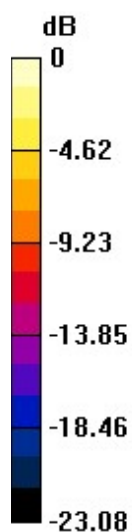
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.01 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 34.7 W/kg

**SAR(1 g) = 15.3 W/kg; SAR(10 g) = 6.64 W/kg**

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



0 dB = 20.4 W/kg