

## System Check\_Body\_2450MHz\_160303

### DUT: D2450V2-926

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

Medium: MSL\_2450\_160303 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 51.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.08, 7.08, 7.08); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

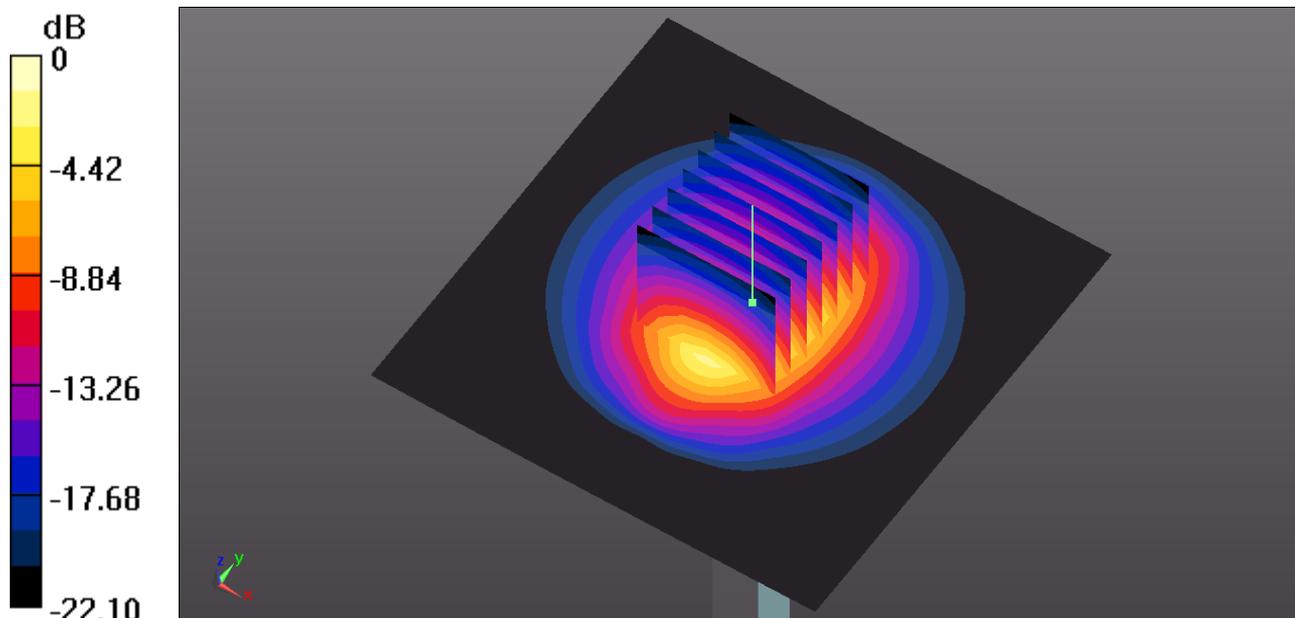
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.56 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 25.6 W/kg

**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.68 W/kg**

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



0 dB = 19.0 W/kg

## #System Check\_Body\_5250MHz\_160302

**DUT: D5GHzV2-1167**

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

Medium: MSL\_5250\_160302 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 5.307$  S/m;  $\epsilon_r = 50.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature:** 23.3 °C ; **Liquid Temperature:** 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.35, 4.35, 4.35); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 18.4 W/kg

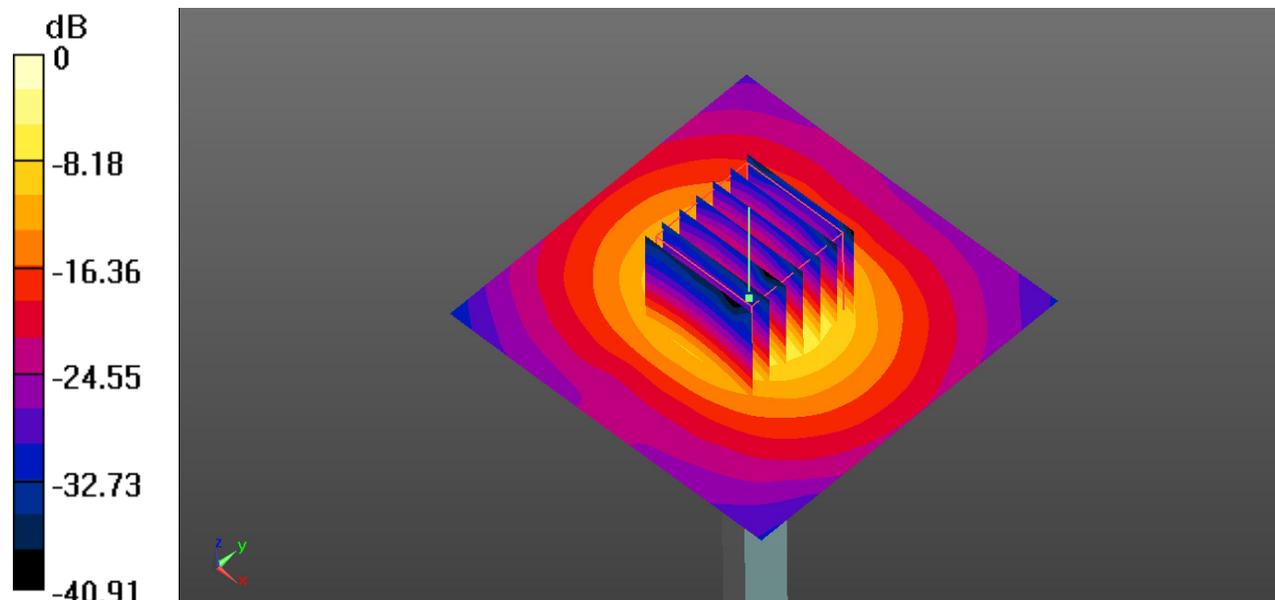
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.76 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.9 W/kg

**SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.16 W/kg**

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



0 dB = 18.4 W/kg

## #System Check\_Body\_5600MHz\_160302

**DUT: D5GHzV2-1167**

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

Medium: MSL\_5600\_160302 Medium parameters used:  $f = 5600 \text{ MHz}$ ;  $\sigma = 5.904 \text{ S/m}$ ;  $\epsilon_r = 50.345$ ;  
 $\rho = 1000 \text{ kg/m}^3$

**Ambient Temperature: 23.3 °C ; Liquid Temperature: 22.6 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(3.68, 3.68, 3.68); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 21.9 W/kg

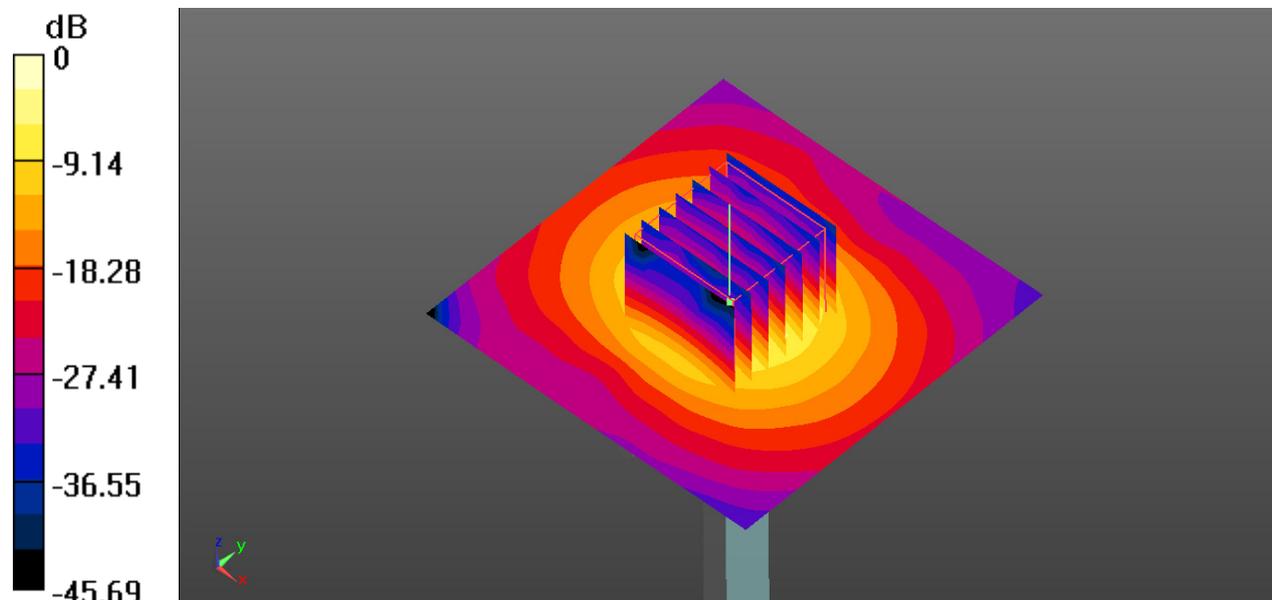
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 51.85 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 36.3 W/kg

**SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.37 W/kg**

Maximum value of SAR (measured) = 22.9 W/kg



## #System Check\_Body\_5750MHz\_160302

**DUT: D5GHzV2-1167**

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

Medium: MSL\_5750\_160302 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 6.135$  S/m;  $\epsilon_r = 49.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**Ambient Temperature: 23.3 °C ; Liquid Temperature: 22.5 °C**

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(3.81, 3.81, 3.81); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2015.11.23
- Phantom: ELI v5.0(Right); Type: QDOVA001BB; Serial: TP:1225
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

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

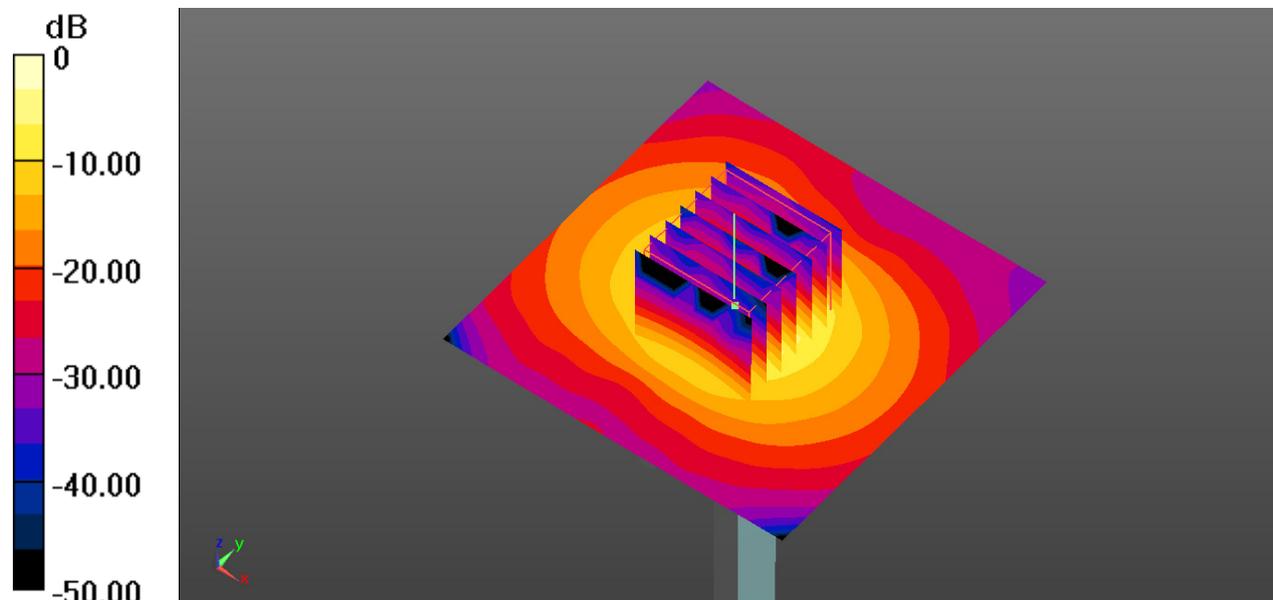
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.98 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 30.2 W/kg

**SAR(1 g) = 7.26 W/kg; SAR(10 g) = 1.97 W/kg**

Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.1 W/kg