

## System Check\_Head\_3500MHz

### DUT: D3500V2-1014

Communication System: CW; Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL\_3600\_180808 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.974$  S/m;  $\epsilon_r = 39.309$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.66, 6.66, 6.66) ; Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 34.0 W/kg

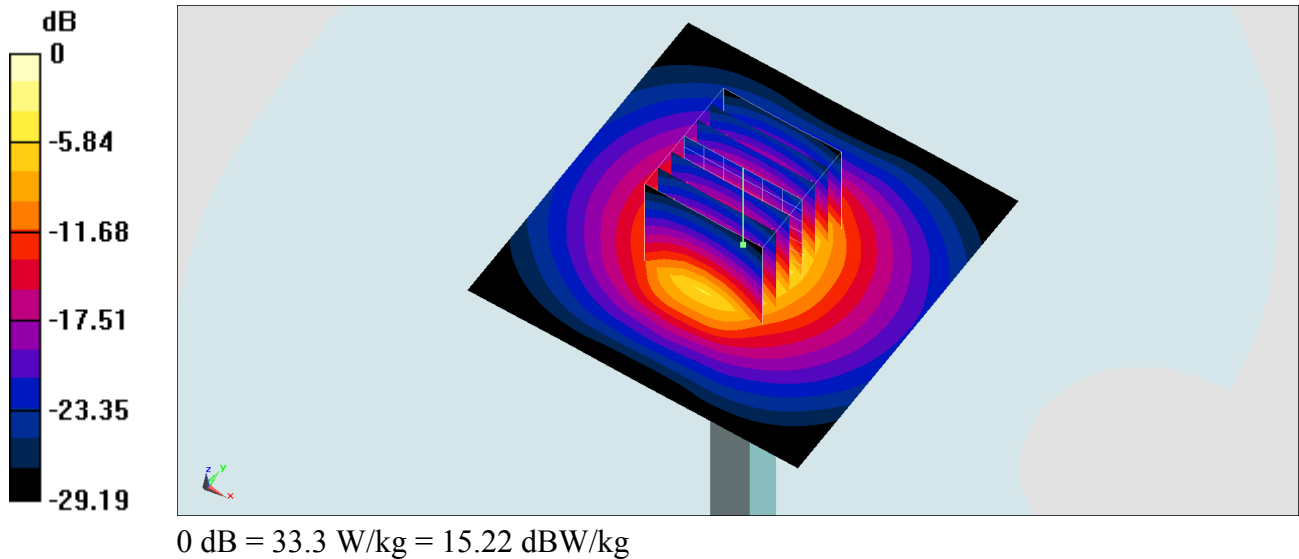
**Pin=250mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 110.9 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 44.6 W/kg

**SAR(1 g) = 17.2 W/kg; SAR(10 g) = 6.63 W/kg**

Maximum value of SAR (measured) = 33.3 W/kg



## System Check\_Body\_3500MHz

### DUT: D3500V2-1014

Communication System: CW ; Frequency: 3500 MHz;Duty Cycle: 1:1

Medium: MSL\_3600\_180807 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 3.322$  S/m;  $\epsilon_r = 51.023$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3820;ConvF(6.62, 6.62, 6.62) ;Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn917; Calibrated: 2017/12/14
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 29.6 W/kg

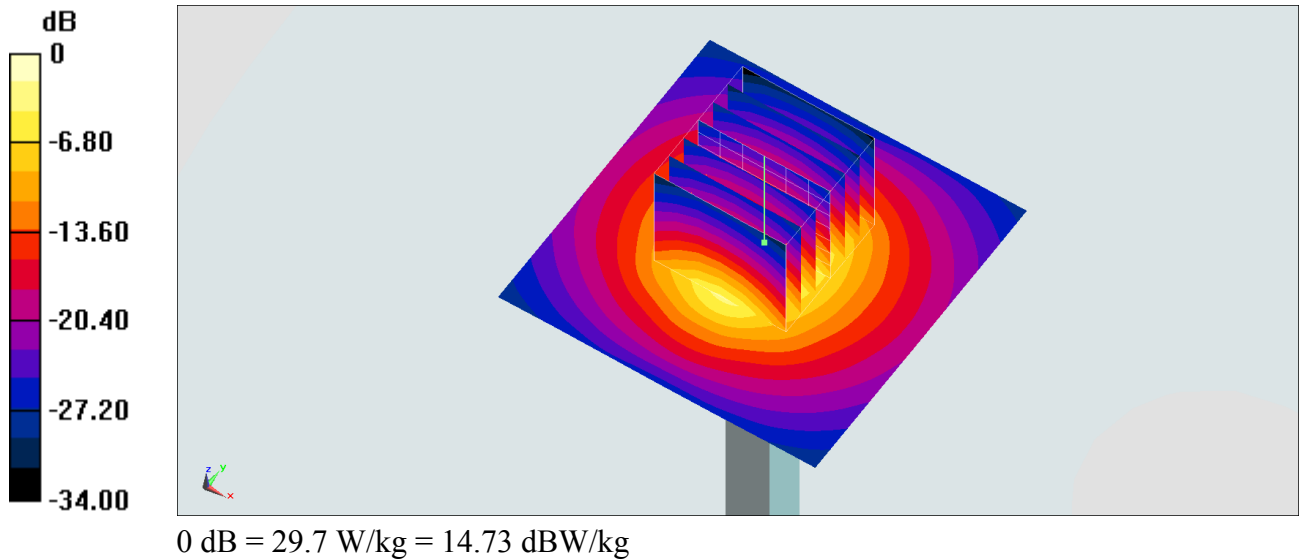
**Pin=250mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 97.97 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 41.3 W/kg

**SAR(1 g) = 14.6 W/kg; SAR(10 g) = 5.39 W/kg**

Maximum value of SAR (measured) = 29.7 W/kg



## System Check\_Head\_3700MHz

### DUT: D3700V2-1006

Communication System: CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL\_3600\_180808 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.218$  S/m;  $\epsilon_r = 38.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.66, 7.66, 7.66) ; Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 33.2 W/kg

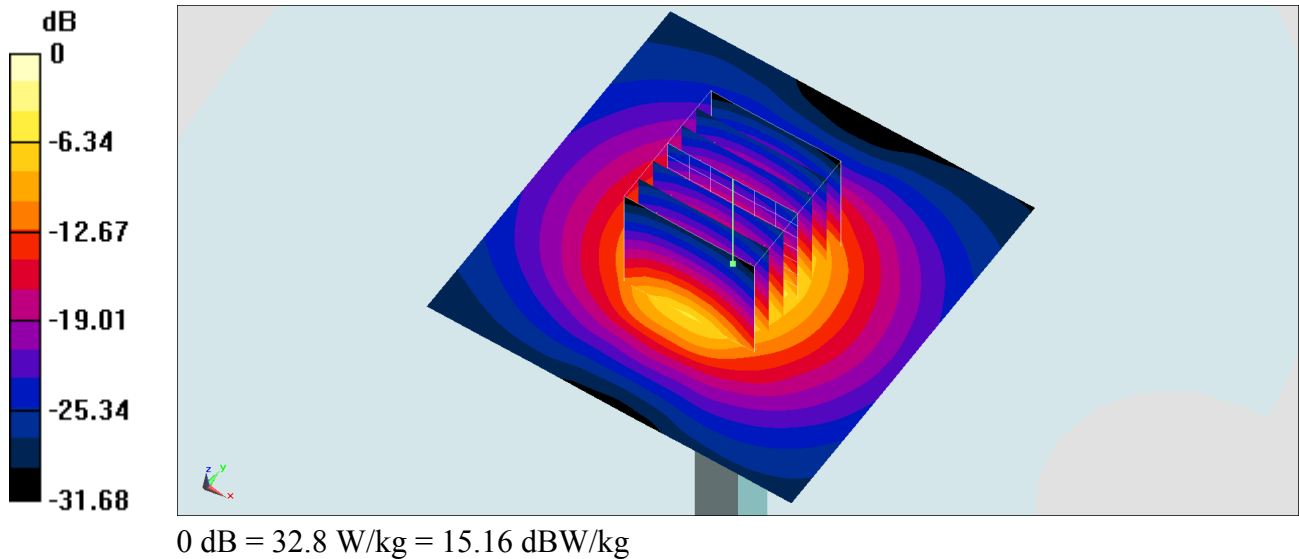
**Pin=250mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 103.8 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 45.3 W/kg

**SAR(1 g) = 16.3 W/kg; SAR(10 g) = 6.02 W/kg**

Maximum value of SAR (measured) = 32.8 W/kg



## System Check\_Head\_3700MHz

### DUT: D3700V2-1006

Communication System: CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL\_3600\_180811 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.201$  S/m;  $\epsilon_r = 38.574$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.66, 7.66, 7.66) ; Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 33.1 W/kg

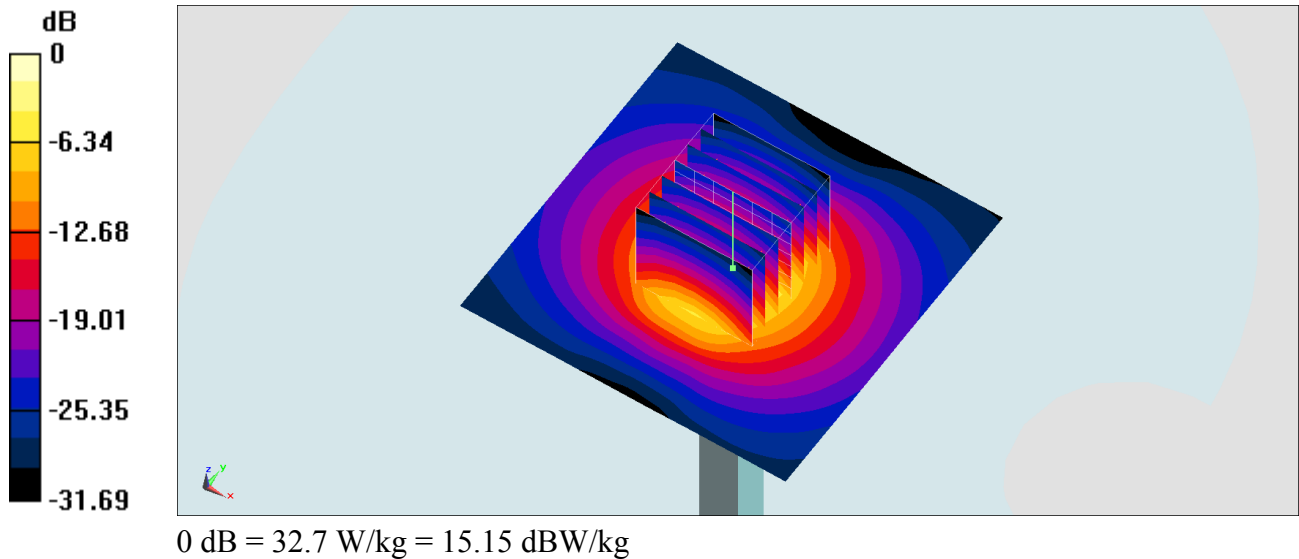
**Pin=250mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 103.8 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 45.1 W/kg

**SAR(1 g) = 16.2 W/kg; SAR(10 g) = 5.98 W/kg**

Maximum value of SAR (measured) = 32.7 W/kg



## System Check\_Body\_3700MHz

### DUT: D3700V2-1006

Communication System: CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: MSL\_3600\_180807 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.722$  S/m;  $\epsilon_r = 51.03$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(6.8, 6.8, 6.8) ; Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 35.6 W/kg

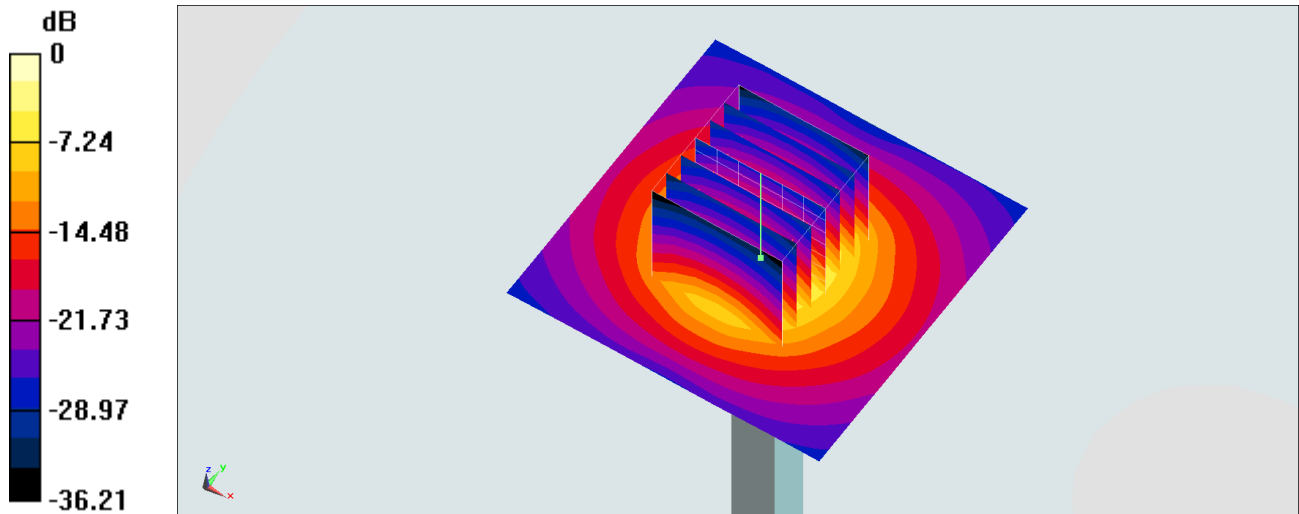
**Pin=250mW/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 99.75 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 49.7 W/kg

**SAR(1 g) = 16.4 W/kg; SAR(10 g) = 5.76 W/kg**

Maximum value of SAR (measured) = 34.3 W/kg



0 dB = 34.3 W/kg = 15.35 dBW/kg