

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_190214 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.809$  S/m;  $\epsilon_r = 39.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.63, 4.63, 4.63) ; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 16.8 W/kg

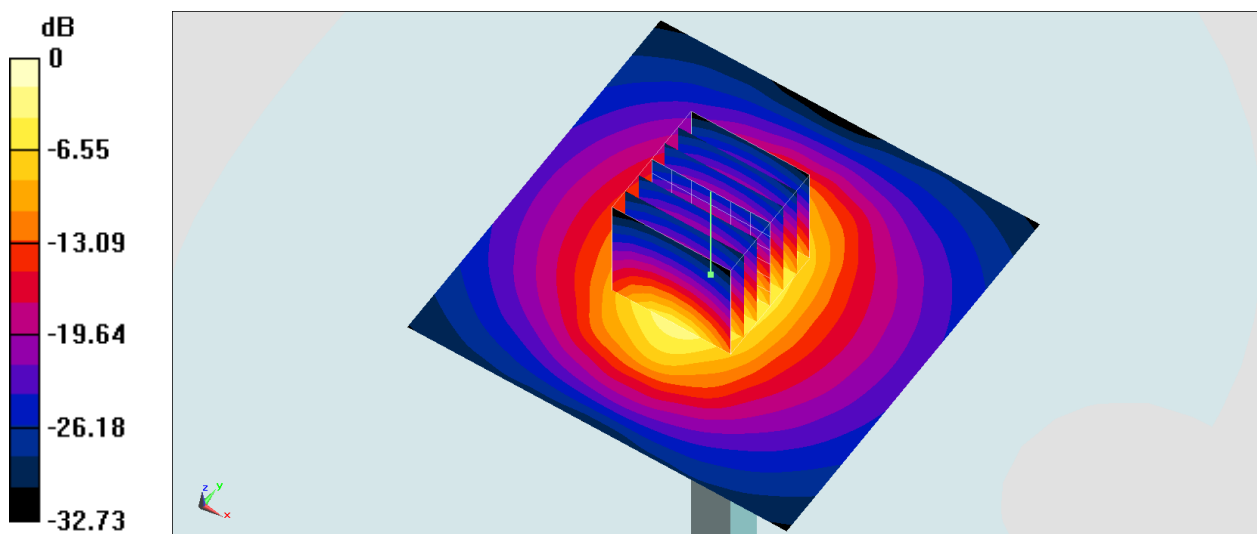
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 101.2 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 25.8 W/kg

**SAR(1 g) = 12.4 W/kg; SAR(10 g) = 5.76 W/kg**

Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.8 W/kg = 12.25 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_190214 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.809$  S/m;  $\epsilon_r = 39.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- 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) = 18.9 W/kg

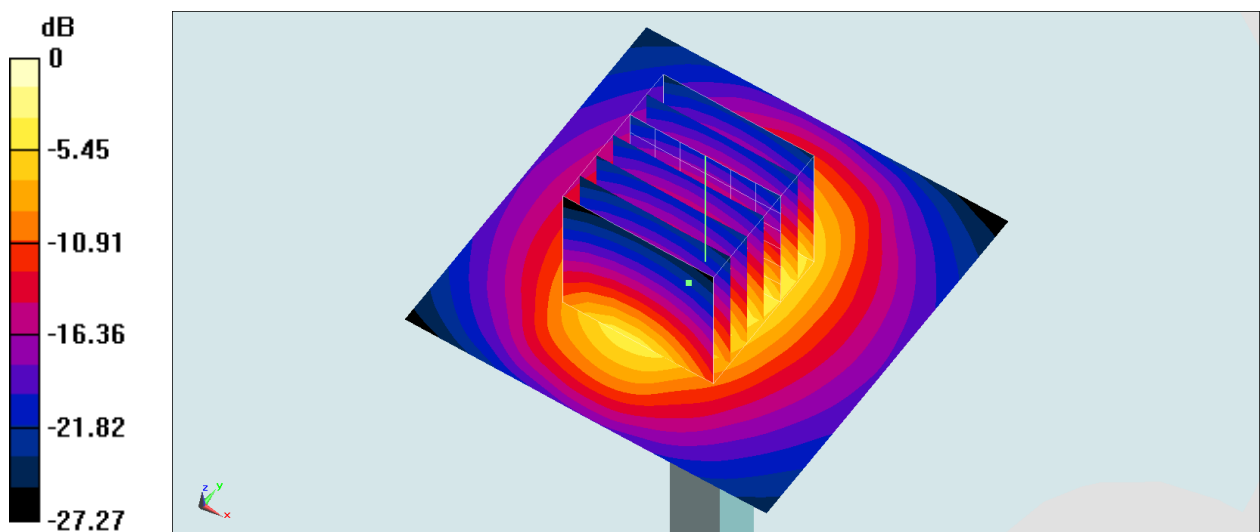
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.3 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 28.7 W/kg

**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.33 W/kg**

Maximum value of SAR (measured) = 17.9 W/kg



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

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_190214 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.603$  S/m;  $\epsilon_r = 36.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.52, 4.52, 4.52); Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 19.5 W/kg

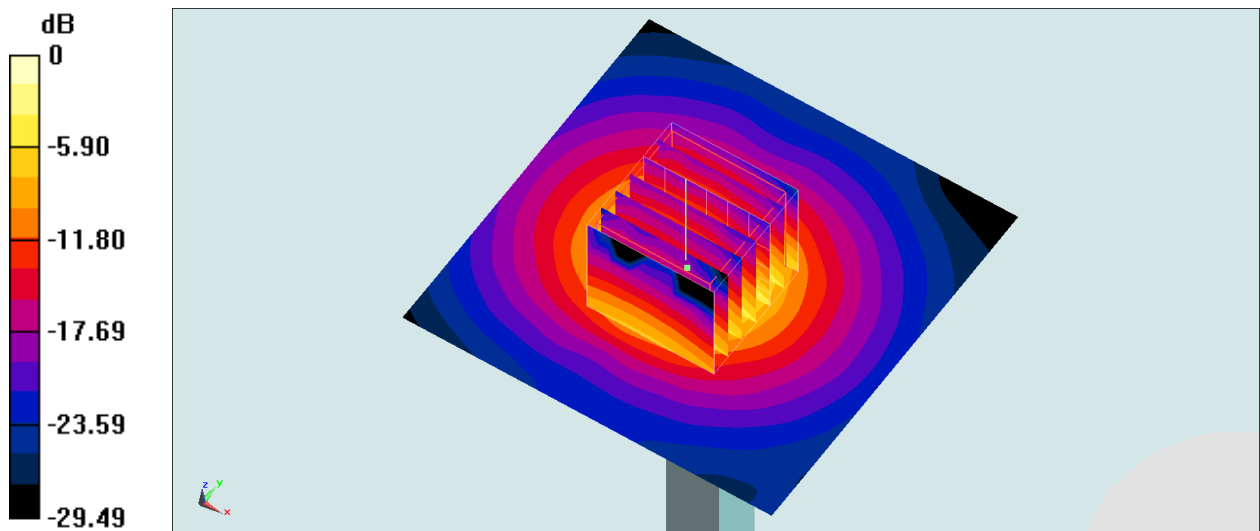
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.57 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 34.6 W/kg

**SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.2 W/kg**

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



0 dB = 19.5 W/kg = 12.90 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_190214 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.948$  S/m;  $\epsilon_r = 36.368$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.11, 4.11, 4.11) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

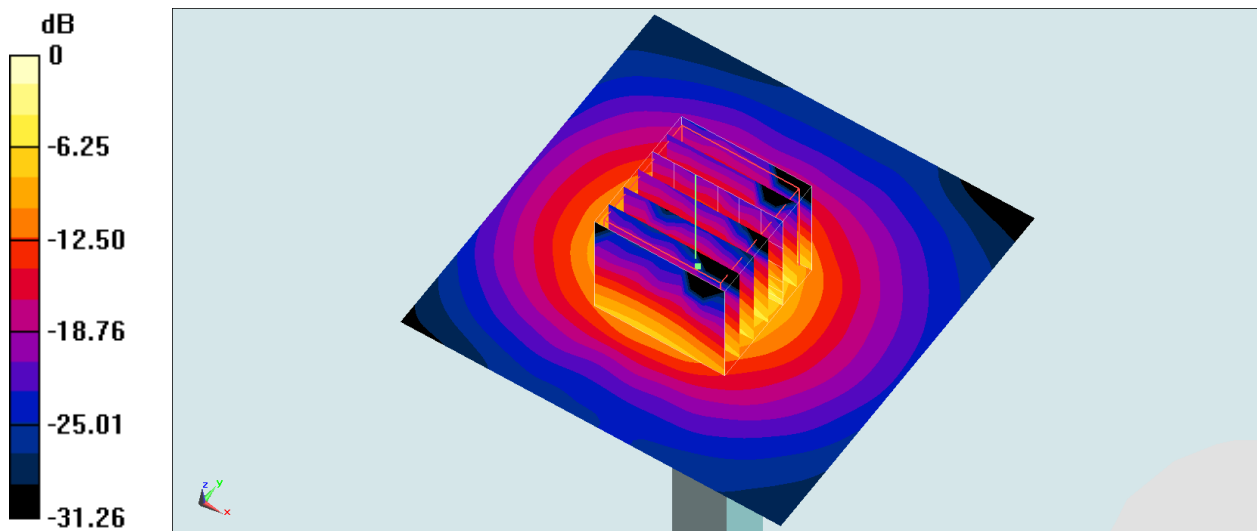
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.64 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 37.2 W/kg

**SAR(1 g) = 8.32 W/kg; SAR(10 g) = 2.27 W/kg**

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 20.8 W/kg = 13.18 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: HSL\_5G\_190214 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.11$  S/m;  $\epsilon_r = 36.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

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

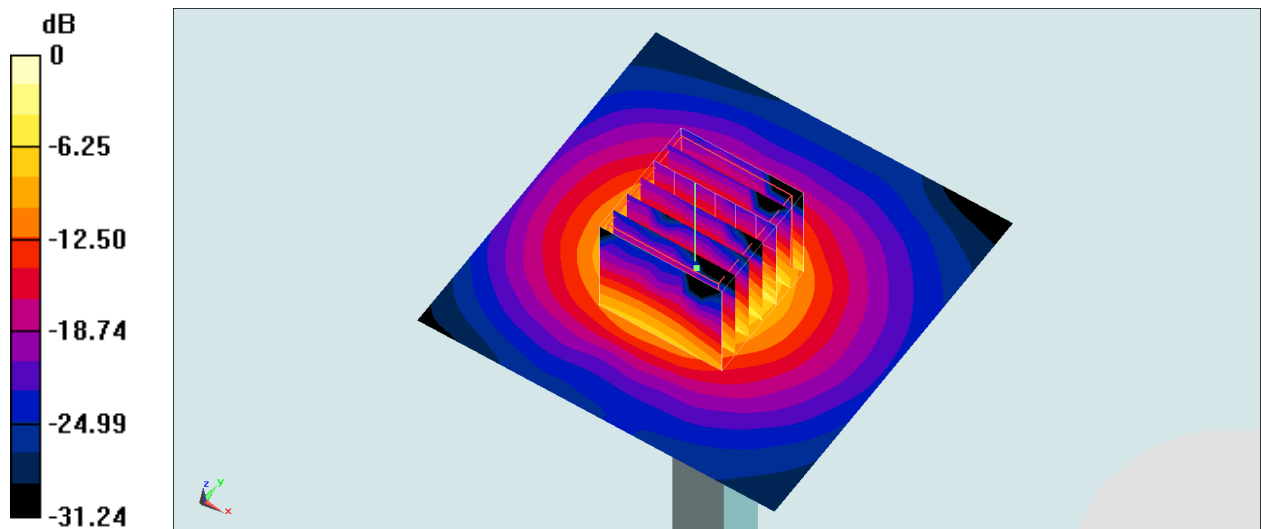
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.19 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 35.7 W/kg

**SAR(1 g) = 7.99 W/kg; SAR(10 g) = 2.18 W/kg**

Maximum value of SAR (measured) = 20.2 W/kg



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

## System Check\_Body\_2450MHz

### DUT: D2450V2-736

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

Medium: MSL\_2450\_190215 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 54.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- 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) = 16.2 W/kg

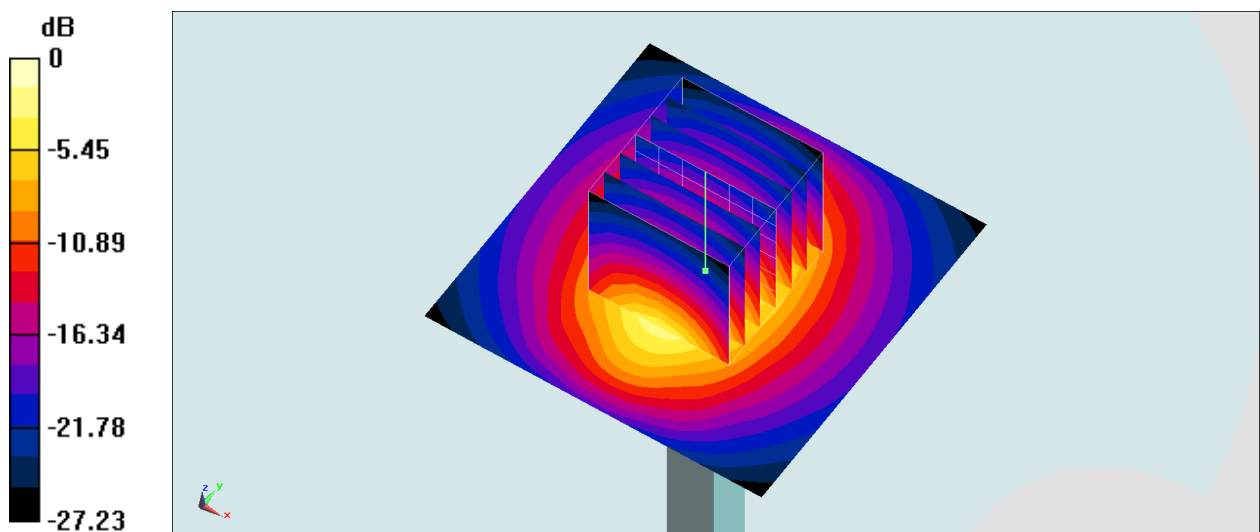
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.14 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 24.5 W/kg

**SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.75 W/kg**

Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 16.2 W/kg = 12.10 dBW/kg

## System Check\_Body\_5250MHz

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_190215 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 5.232$  S/m;  $\epsilon_r = 48.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.87, 3.87, 3.87) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 19.2 W/kg

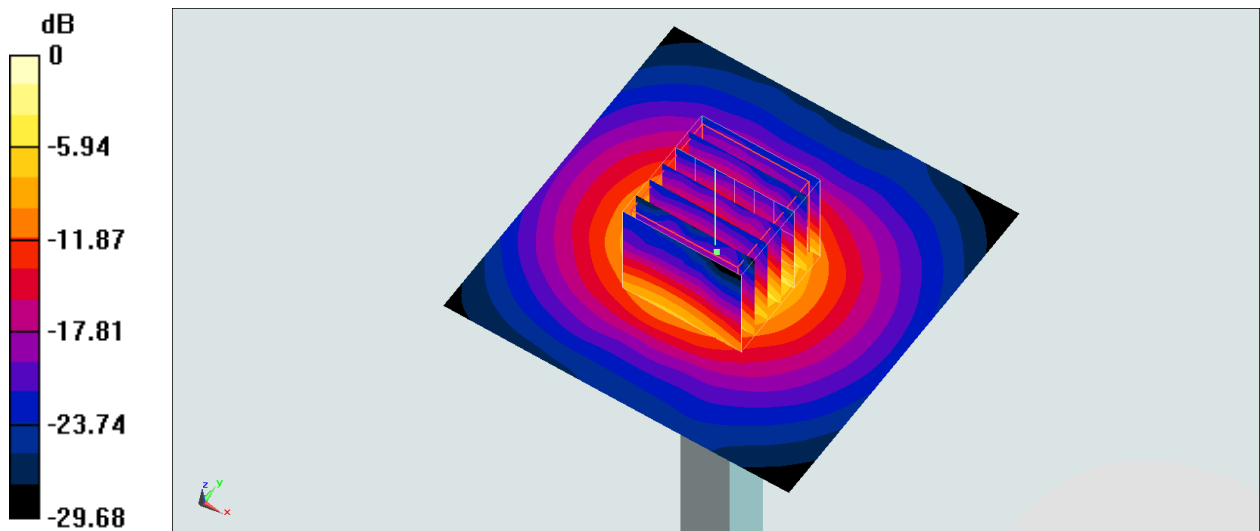
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.28 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 33.2 W/kg

**SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.26 W/kg**

Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

## System Check\_Body\_5600MHz

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_190215 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.668$  S/m;  $\epsilon_r = 48.355$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.38, 3.38, 3.38) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 20.7 W/kg

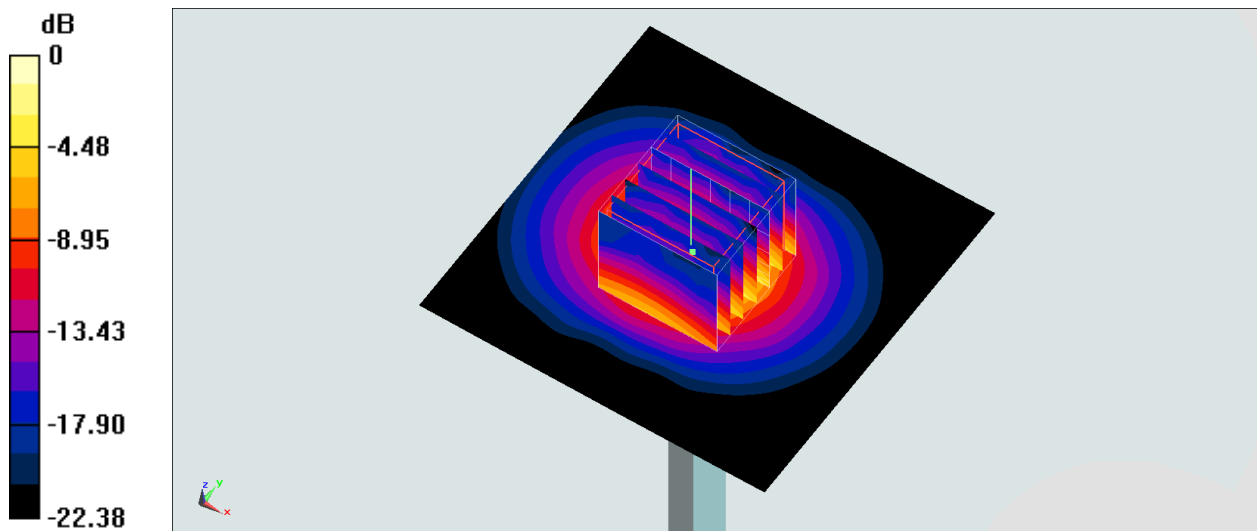
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.25 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 38.2 W/kg

**SAR(1 g) = 8.56 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 21.4 W/kg



0 dB = 20.7 W/kg = 13.16 dBW/kg



## System Check\_Body\_5750MHz

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_190215 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.858$  S/m;  $\epsilon_r = 48.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.73, 3.73, 3.73) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM\_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 17.7 W/kg

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

Reference Value = 63.64 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 33.8 W/kg

**SAR(1 g) = 7.28 W/kg; SAR(10 g) = 1.99 W/kg**

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

