

## System Check\_Head\_835MHz

### DUT: D835V2-4d167

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

Medium: HSL\_850\_190822 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.874$  S/m;  $\epsilon_r = 41.736$ ;  $\rho = 1000$  kg/m<sup>3</sup>

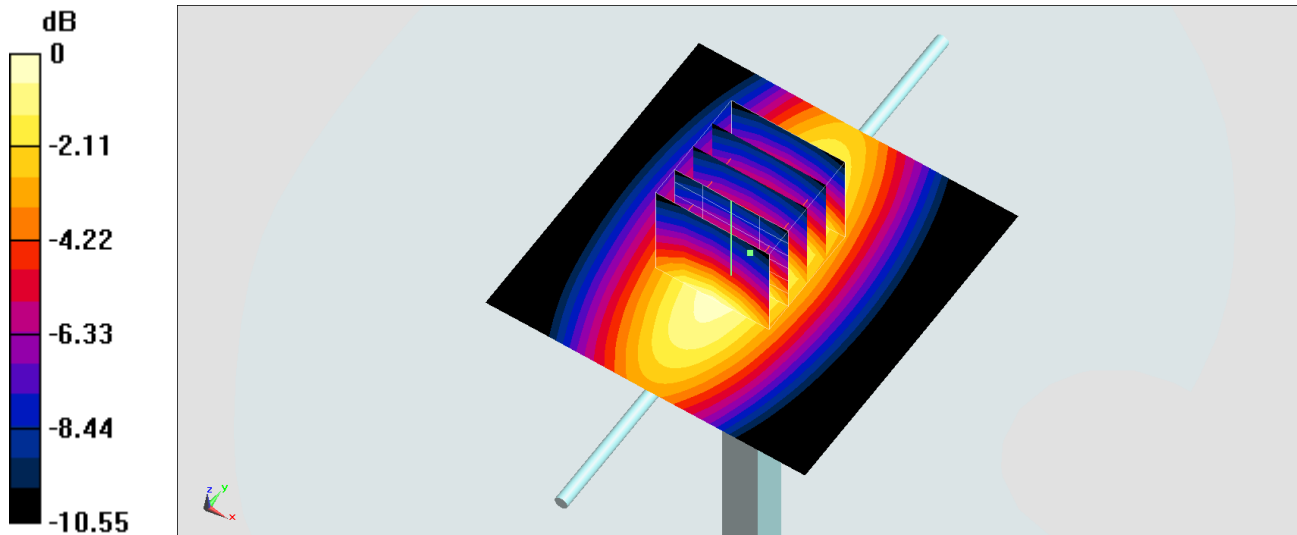
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.96 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 61.08 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 3.30 W/kg  
**SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.47 W/kg**  
Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

## System Check\_Head\_1750MHz

### DUT: D1750V2-1112

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

Medium: HSL\_1750\_190818 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.358$  S/m;  $\epsilon_r = 40.842$ ;  $\rho = 1000$  kg/m<sup>3</sup>

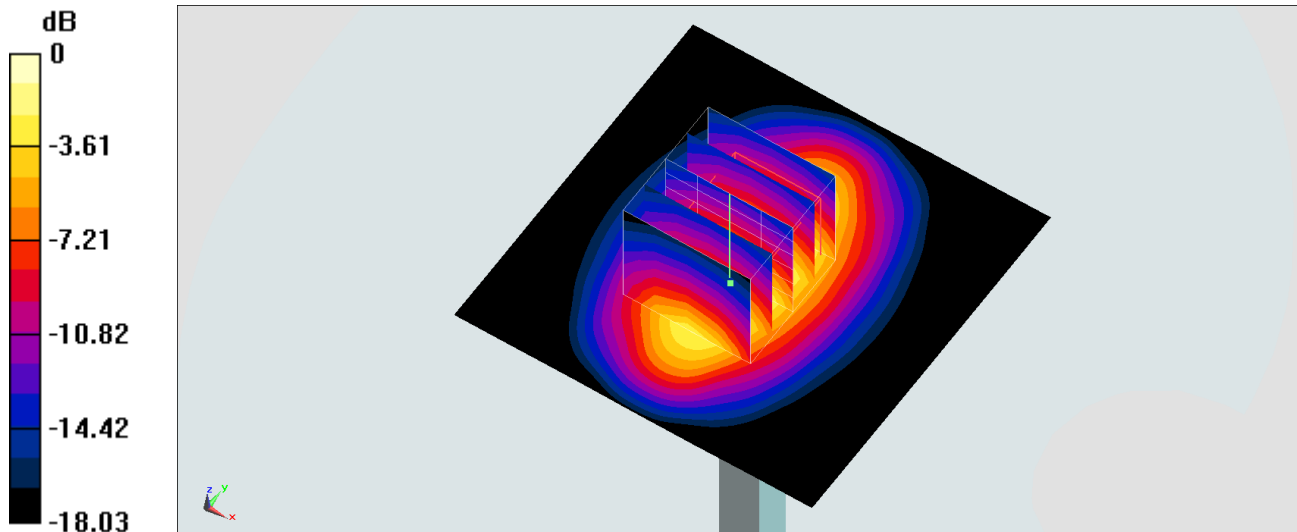
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51) @ 1750 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 15.3 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 107.4 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 17.7 W/kg  
**SAR(1 g) = 9.57 W/kg; SAR(10 g) = 5.11 W/kg**  
Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5 W/kg = 11.61 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V4-5d185

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

Medium: HSL\_1900\_190818 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 40.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

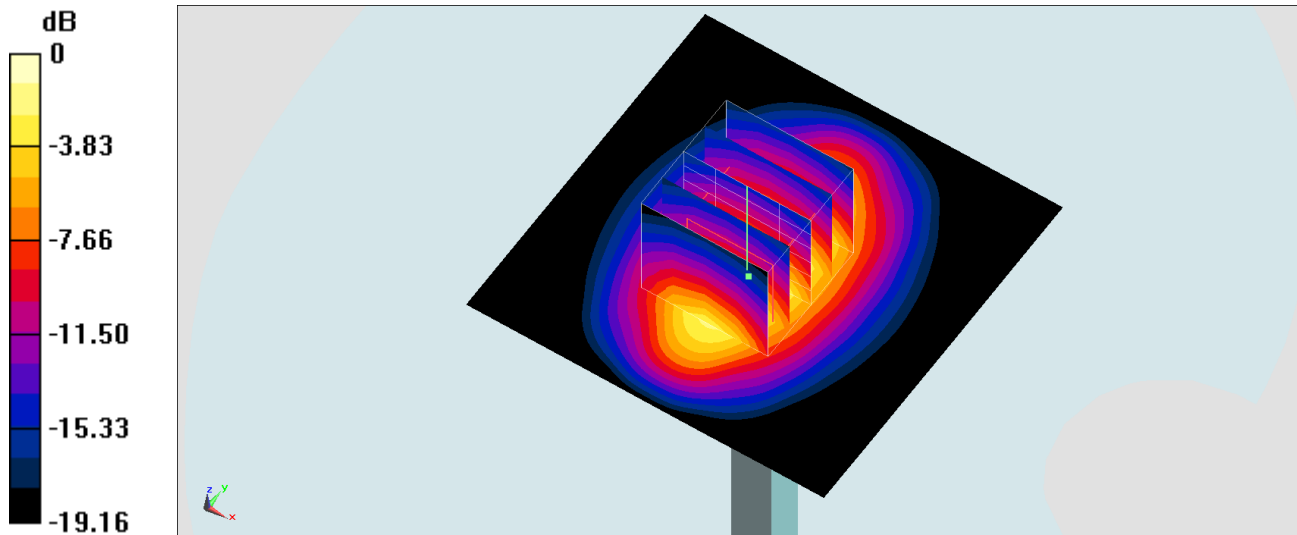
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 17.7 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 113.0 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 19.9 W/kg  
**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.44 W/kg**  
Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg = 12.17 dBW/kg

## System Check\_Head\_1900MHz

### DUT: D1900V4-5d185

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

Medium: HSL\_1900\_190821 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.699$ ;  $\rho = 1000$  kg/m<sup>3</sup>

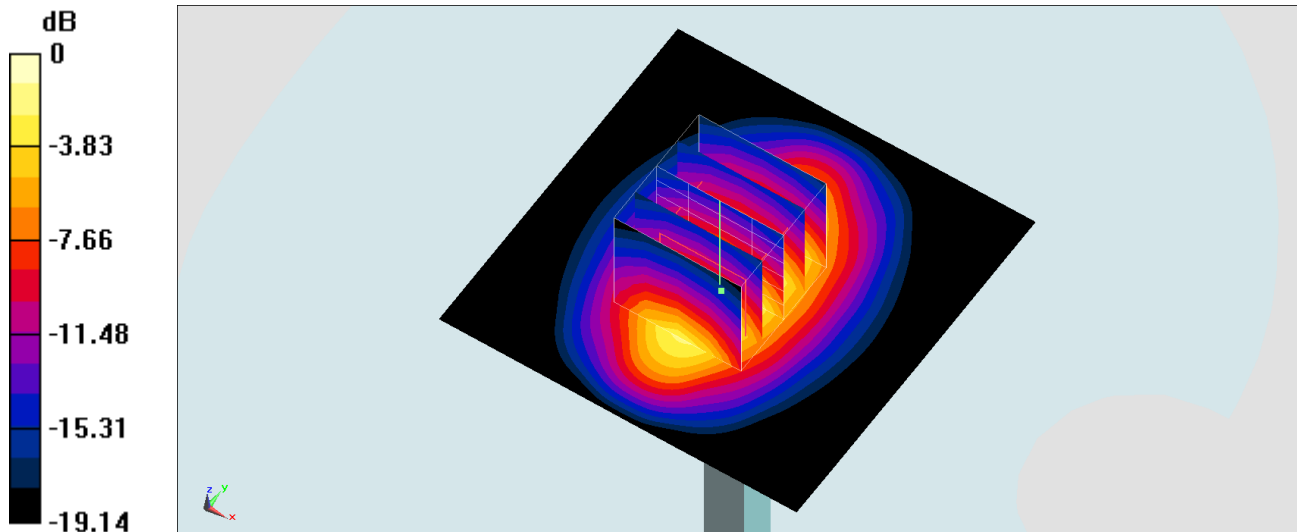
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 17.5 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 113.0 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 19.7 W/kg  
**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.4 W/kg**  
Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.3 W/kg = 12.12 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-929

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

Medium: HSL\_2450\_190821 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 39.874$ ;

$\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 2019/4/25

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18

- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885

- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

Maximum value of SAR (interpolated) = 20.6 W/kg

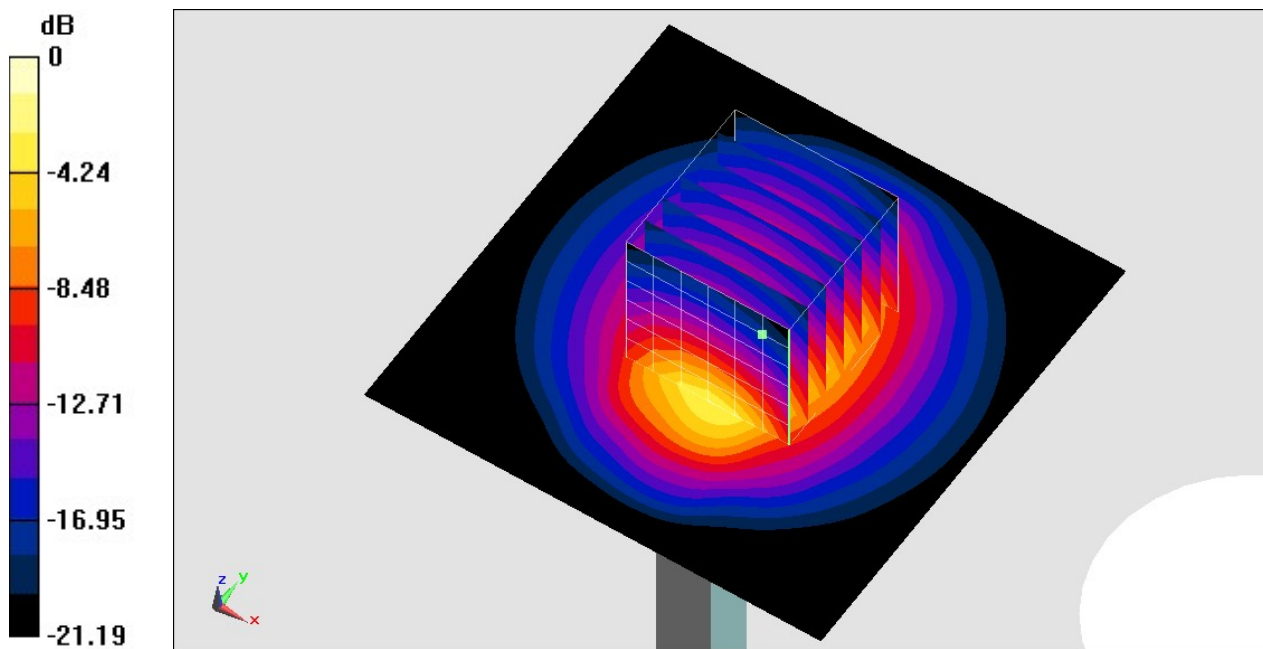
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.6 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 24.5 W/kg

**SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.8 W/kg**

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



0 dB = 20.2 W/kg = 13.05 dBW/kg

## System Check\_Head\_2450MHz

### DUT: D2450V2-736

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

Medium: HSL\_2450\_190823 Medium parameters used :  $f = 2450$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 39.879$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.32, 7.32, 7.32) @ 2450 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 23.3 W/kg

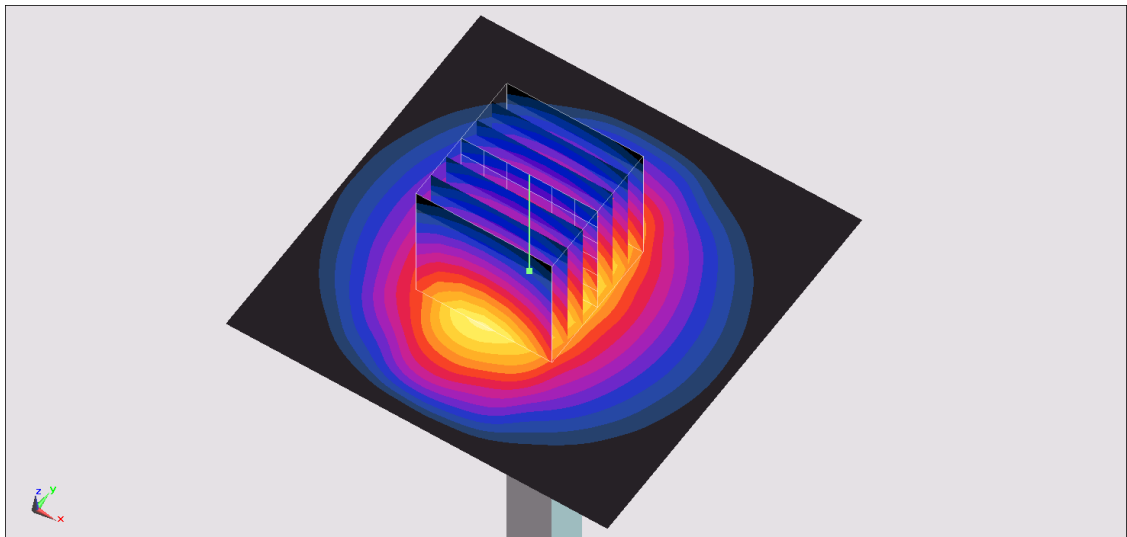
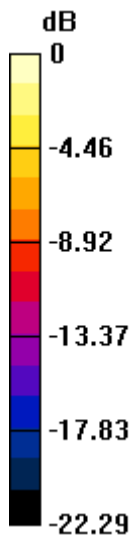
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.6 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.22 W/kg**

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



## System Check\_Head\_2600MHz

### DUT: D2600V2-1008

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

Medium: HSL\_2600\_190820 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.967$  S/m;  $\epsilon_r = 38.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

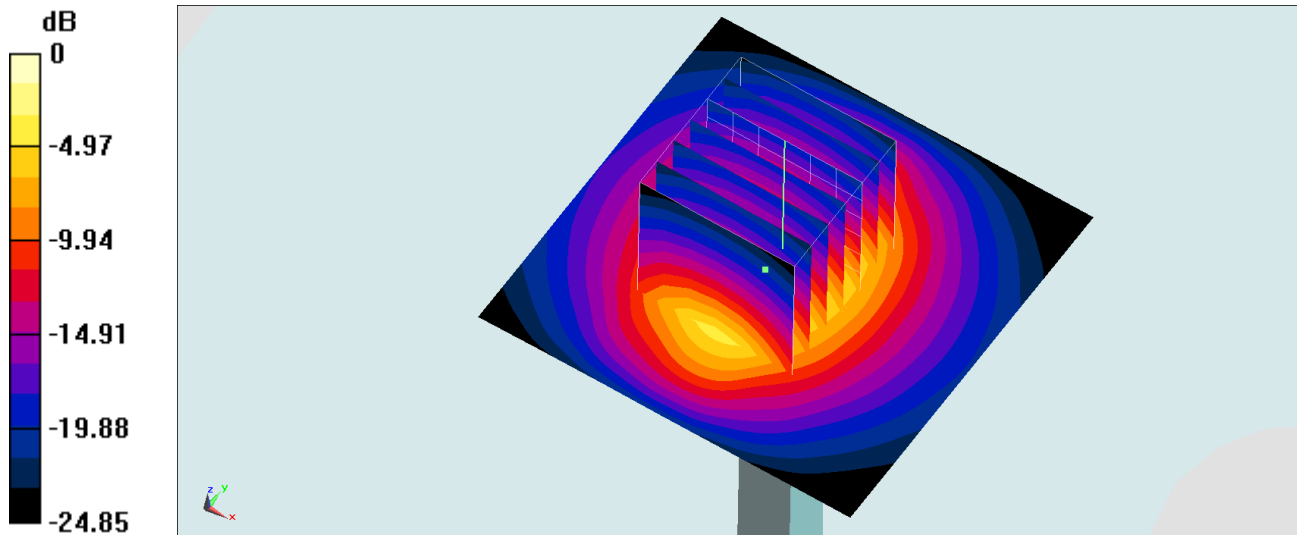
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(7.3, 7.3, 7.3) @ 2600 MHz;Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 24.4 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 113.6 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 31.3 W/kg  
**SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.41 W/kg**  
Maximum value of SAR (measured) = 24.6 W/kg



0 dB = 24.6 W/kg = 13.91 dBW/kg

## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006-5250

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

Medium: HSL\_5G\_190822 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.679$  S/m;  $\epsilon_r = 35.927$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(5.36, 5.36, 5.36) @ 5250 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

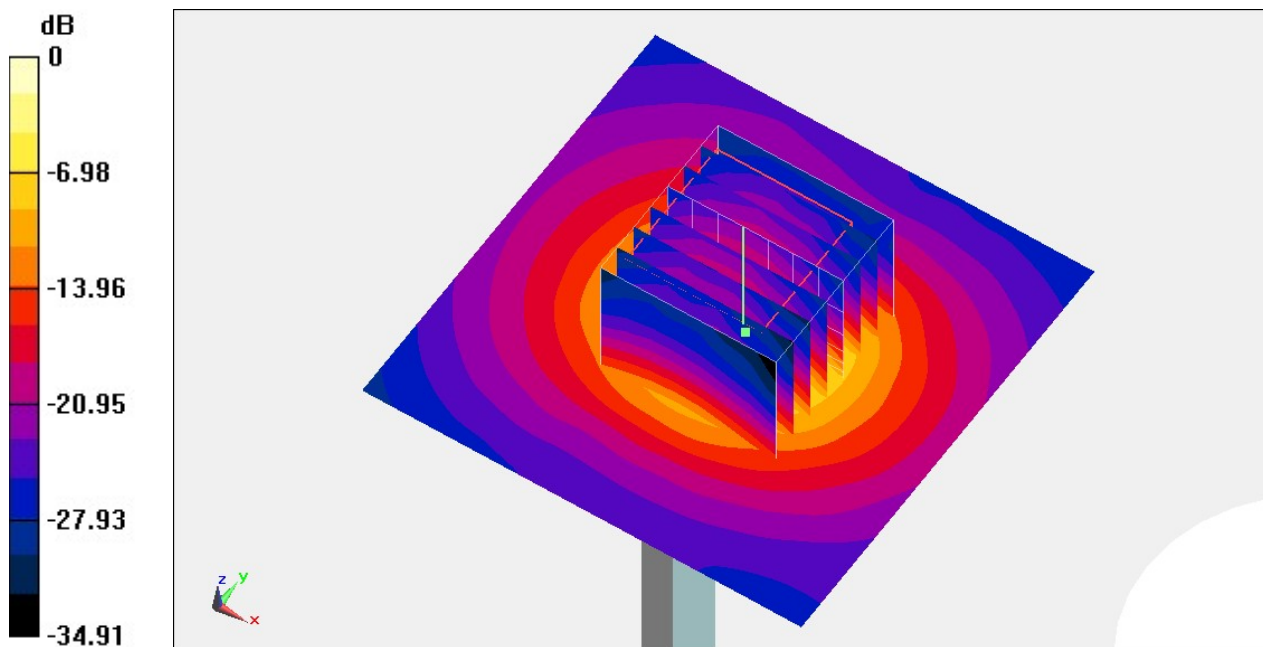
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.91 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 8.16 W/kg; SAR(10 g) = 2.34 W/kg**

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



0 dB = 20.4 W/kg = 13.10 dBW/kg



## System Check\_Head\_5250MHz

### DUT: D5GHzV2-1006-5250

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

Medium: HSL\_5G\_190823 Medium parameters used :  $f = 5250$  MHz;  $\sigma = 4.711$  S/m;  $\epsilon_r = 36.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54) @ 5250 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

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

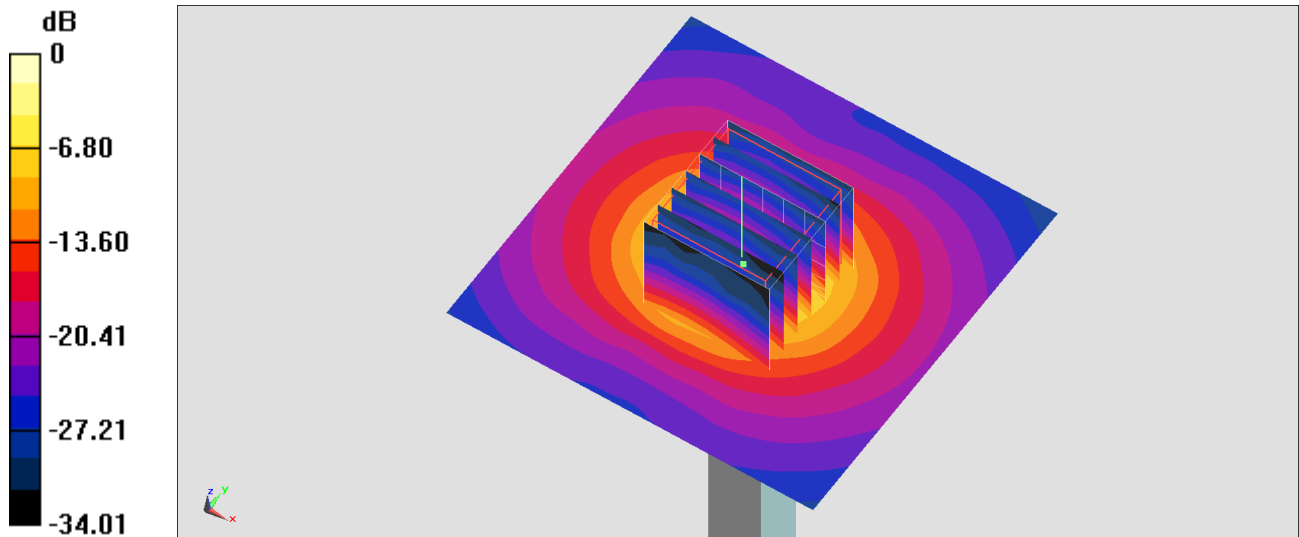
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.64 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 34.2 W/kg

**SAR(1 g) = 8.61 W/kg; SAR(10 g) = 2.36 W/kg**

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



0 dB = 21.4 W/kg = 13.30 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006-5600

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

Medium: HSL\_5G\_190822 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.05$  S/m;  $\epsilon_r = 35.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN7346;ConvF(4.75, 4.75, 4.75) @ 5600 MHz;Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

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

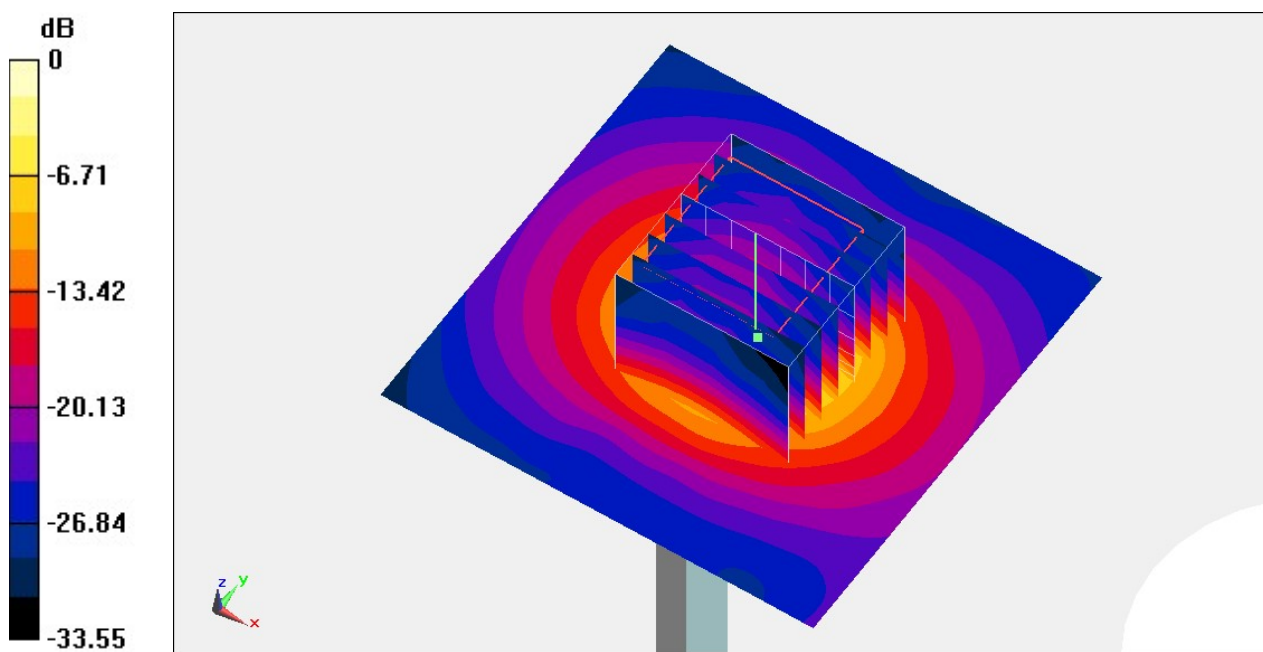
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 72.23 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 36.9 W/kg

**SAR(1 g) = 8.74 W/kg; SAR(10 g) = 2.49 W/kg**

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-1006-5600

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

Medium: HSL\_5G\_190823 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.071$  S/m;  $\epsilon_r = 35.607$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.28, 4.28, 4.28) @ 5600 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

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

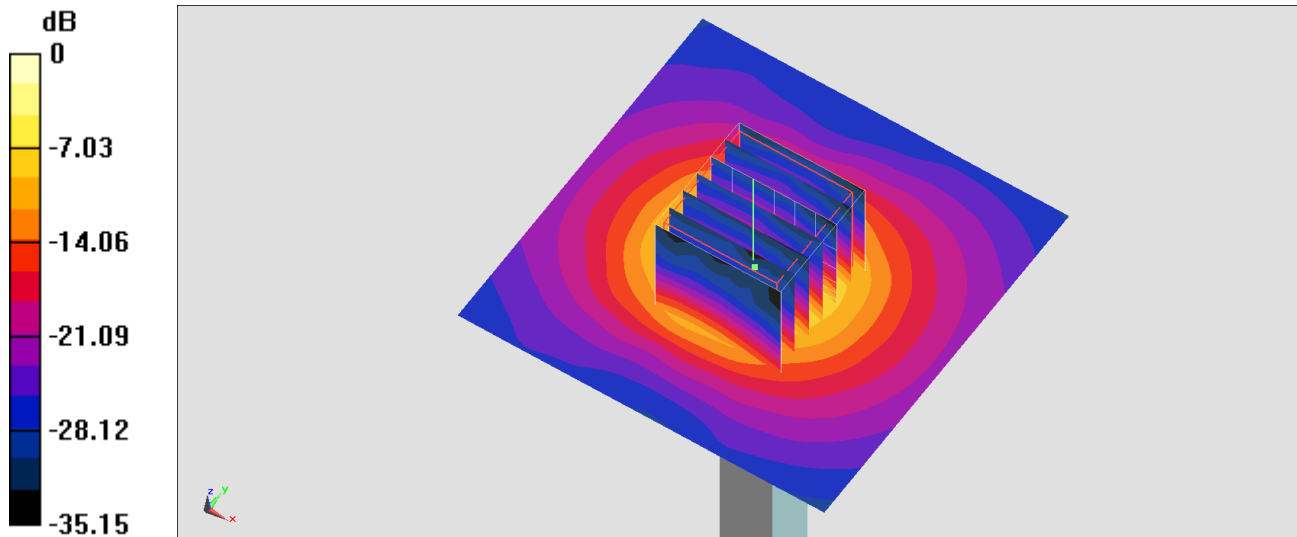
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 73.06 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 37.2 W/kg

**SAR(1 g) = 8.69 W/kg; SAR(10 g) = 2.37 W/kg**

Maximum value of SAR (measured) = 22.1 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

### System Check\_Head\_5750MHz

**DUT: D5GHzV2-1006-5750**

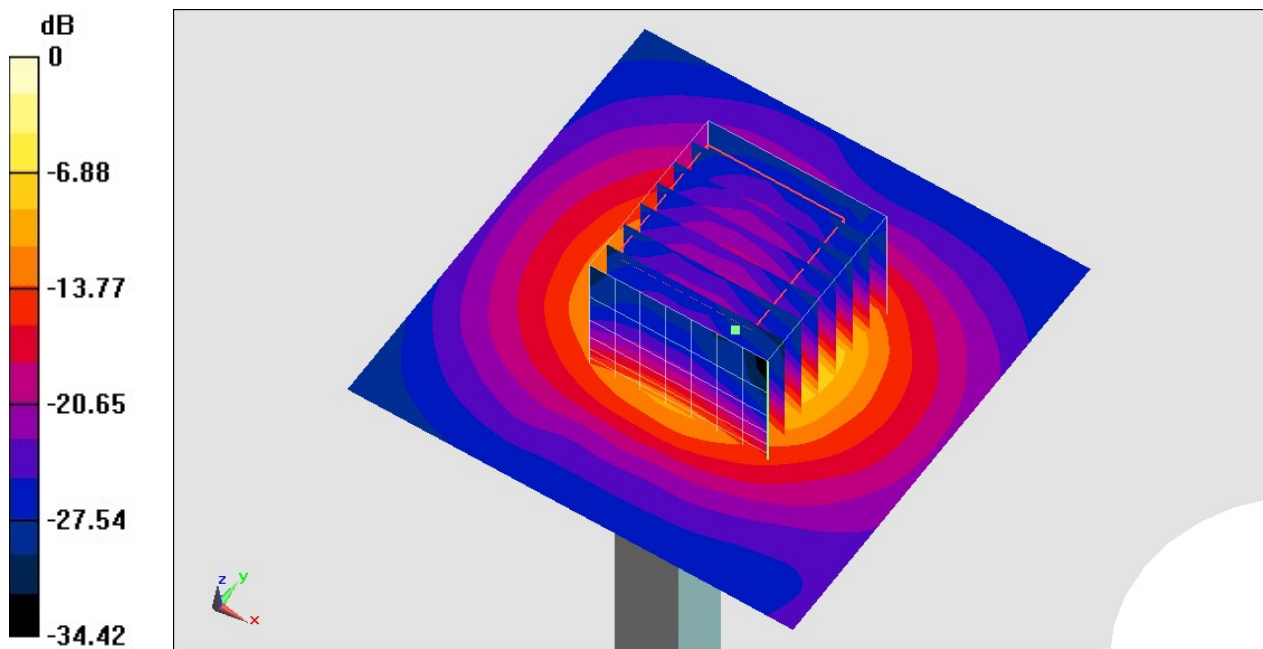
Communication System: CW; Frequency: 5750 MHz; Duty Cycle: 1:1  
Medium: HSL\_5G\_190822 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.244$  S/m;  $\epsilon_r = 35.502$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN7346; ConvF(4.78, 4.78, 4.78) @ 5750 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: Twin-SAM V5.0 (30deg probe tilt); Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 21.5 W/kg

**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 71.13 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 36.0 W/kg  
**SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.43 W/kg**  
Maximum value of SAR (measured) = 21.9 W/kg



0 dB = 21.9 W/kg = 13.40 dBW/kg

## System Check\_Head\_5750MHz

### DUT: D5GHzV2-1006-5750

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

Medium: HSL\_5G\_190823 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 35.456$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36) @ 5750 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 20.1 W/kg

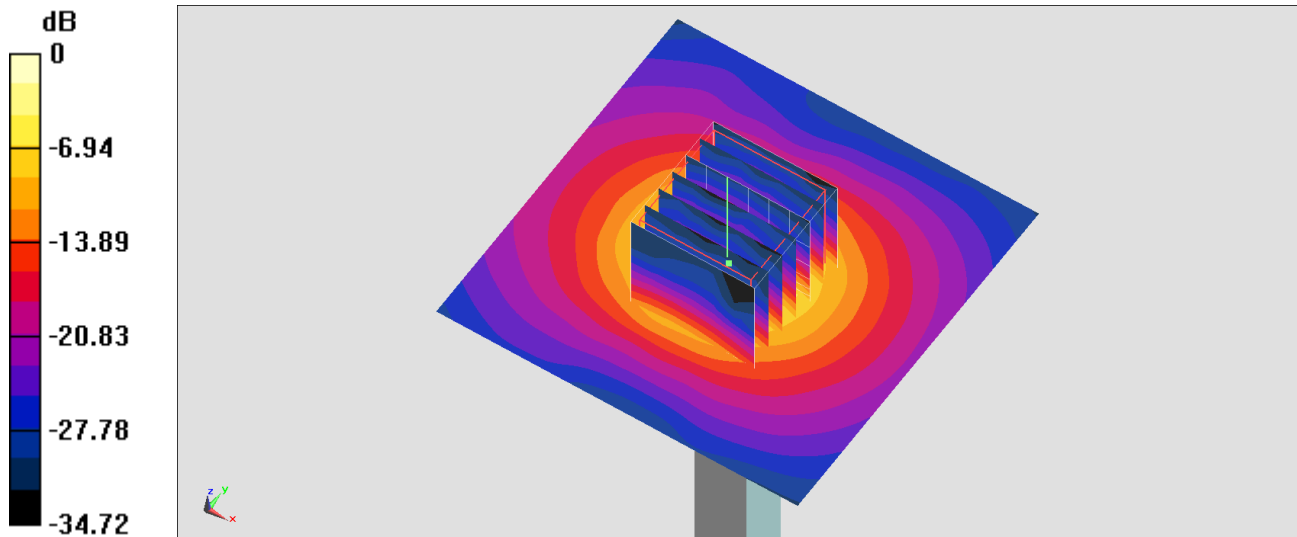
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.01 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 36.3 W/kg

**SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg