

## System Check\_Body\_2450MHz\_160106

### DUT: D2450V2-736

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

Medium: MSL\_2450\_160106 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.04$  S/m;  $\epsilon_r = 54.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

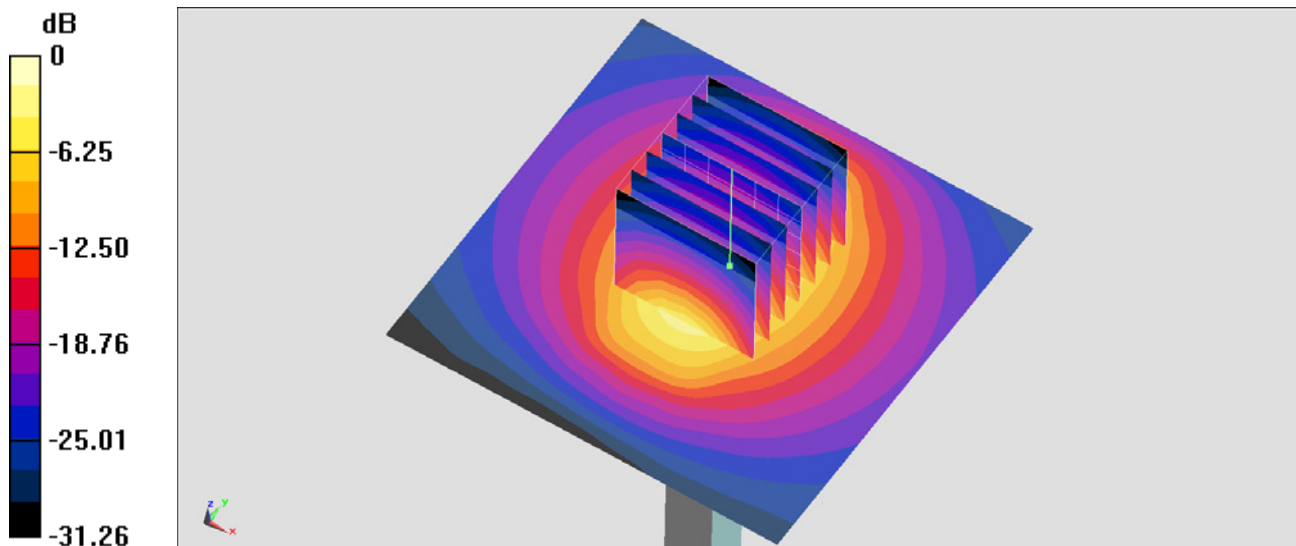
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.8 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 24.7 W/kg

**SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.73 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\_160123

### DUT: D2450V2-736

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

Medium: MSL\_2450\_160123 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.992$  S/m;  $\epsilon_r = 54.142$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 19.6 W/kg

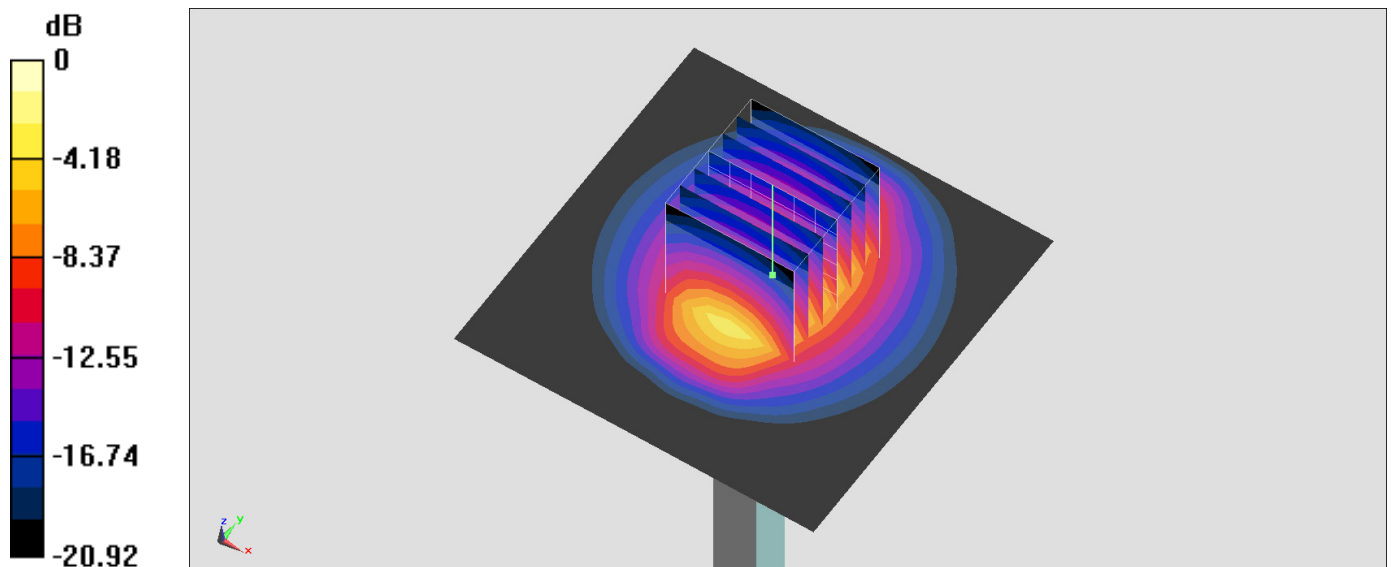
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 100.7 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 24.9 W/kg

**SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.71 W/kg**

Maximum value of SAR (measured) = 20.3 W/kg



0 dB = 20.3 W/kg = 13.07 dBW/kg

## System Check\_Body\_5250MHz\_160107

### DUT: D5GHzV2-1128-5250

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

Medium: MSL\_5G\_160107 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 5.509$  S/m;  $\epsilon_r = 46.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 18.9 W/kg

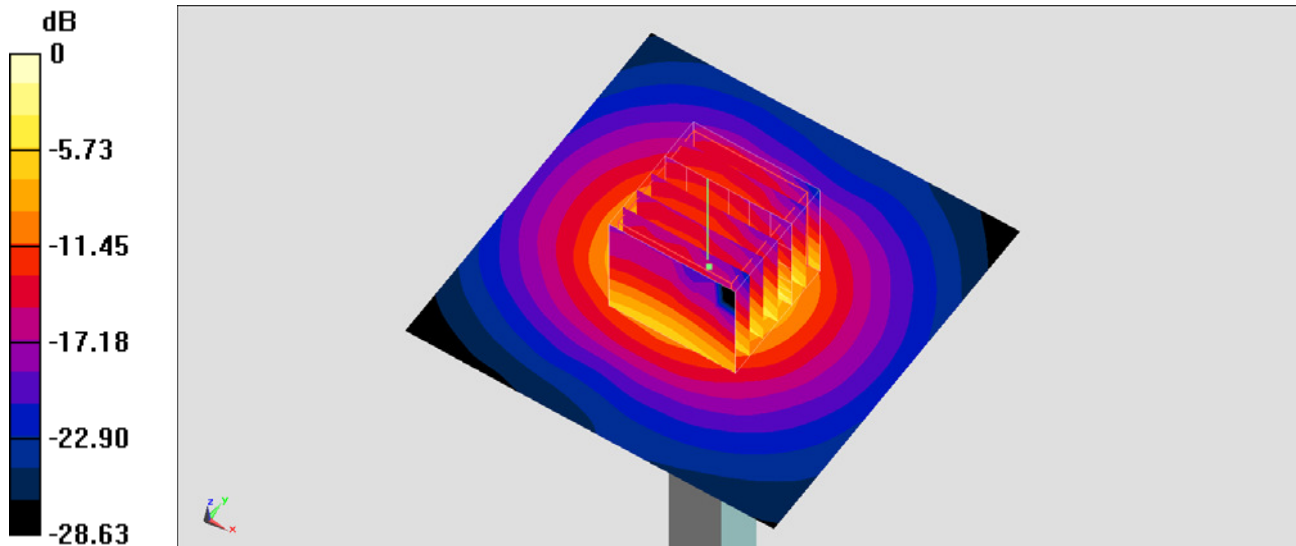
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.41 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 32.3 W/kg

**SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.19 W/kg**

Maximum value of SAR (measured) = 19.7 W/kg



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

## System Check\_Body\_5300MHz\_160125

### DUT: D5GHzV2-1006

Communication System: CW ; Frequency: 5300 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_160125 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.409 \text{ S/m}$ ;  $\epsilon_r = 46.628$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.43, 4.43, 4.43); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $17.9 \text{ W/kg}$

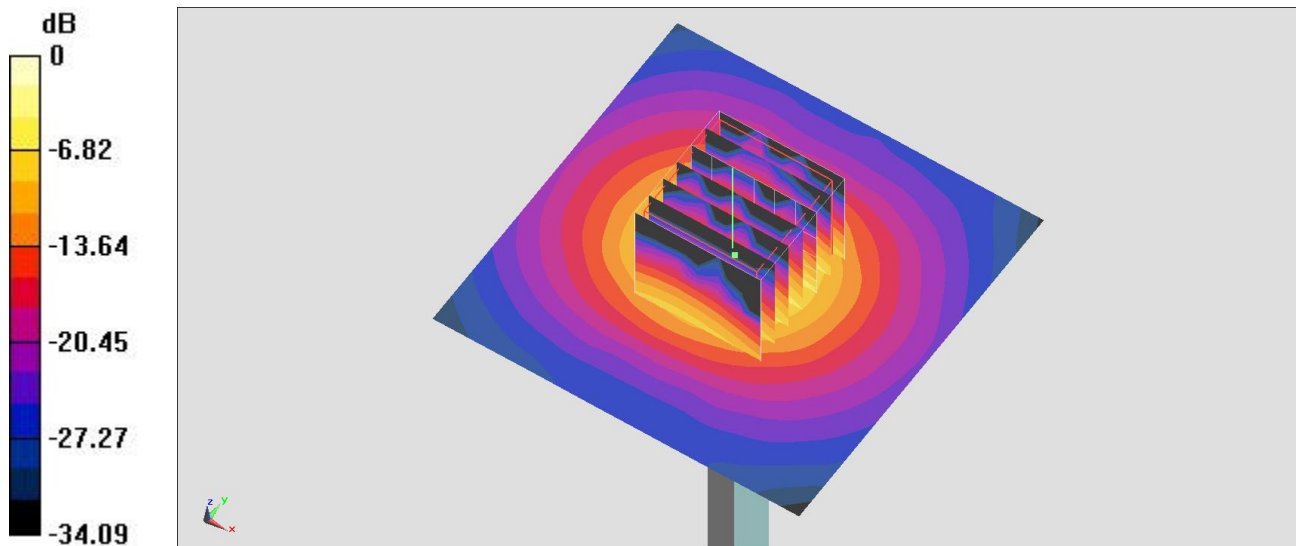
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $64.46 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $33.2 \text{ W/kg}$

**SAR(1 g) =  $7.36 \text{ W/kg}$ ; SAR(10 g) =  $1.97 \text{ W/kg}$**

Maximum value of SAR (measured) =  $18.4 \text{ W/kg}$



0 dB =  $17.9 \text{ W/kg} = 12.53 \text{ dBW/kg}$

## System Check\_Body\_5600MHz\_160107

### DUT: D5GHzV2-1128-5600

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

Medium: MSL\_5G\_160107 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.968$  S/m;  $\epsilon_r = 46.345$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

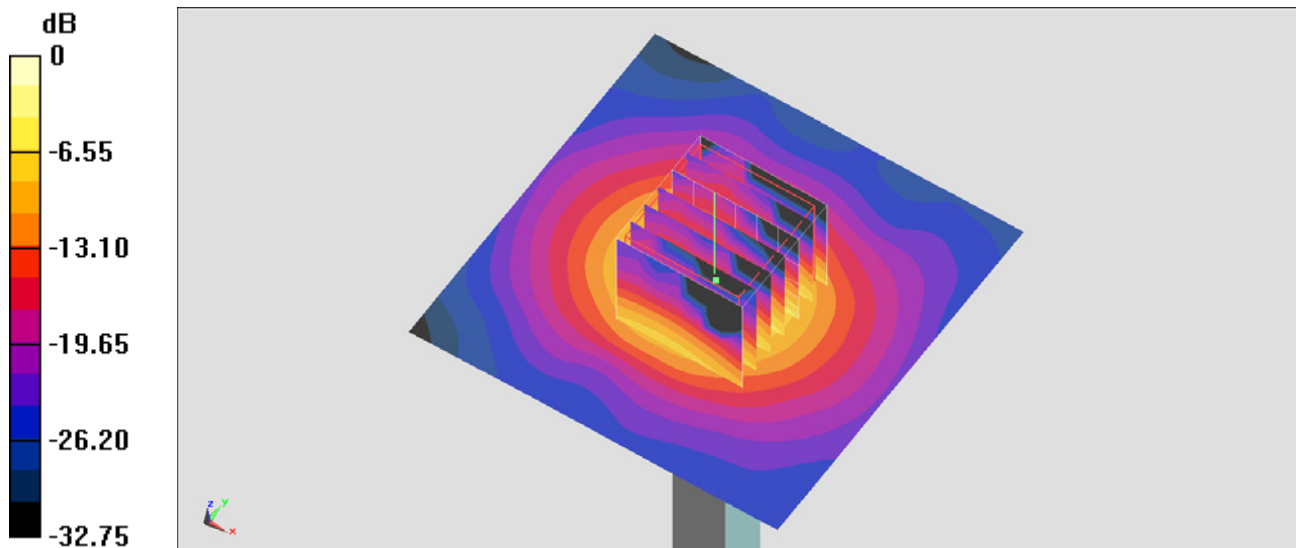
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.26 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 33.1 W/kg

**SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.11 W/kg**

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



0 dB = 20.6 W/kg = 13.14 dBW/kg

## System Check\_Body\_5600MHz\_160107

### DUT: D5GHzV2-1128-5600

Communication System: CW; Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium: MSL\_5G\_160107 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.968$  mho/m;  $\epsilon_r = 46.345$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(3.81, 3.81, 3.81); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: ELI 4.0\_Left; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

Maximum value of SAR (interpolated) = 18.8 mW/g

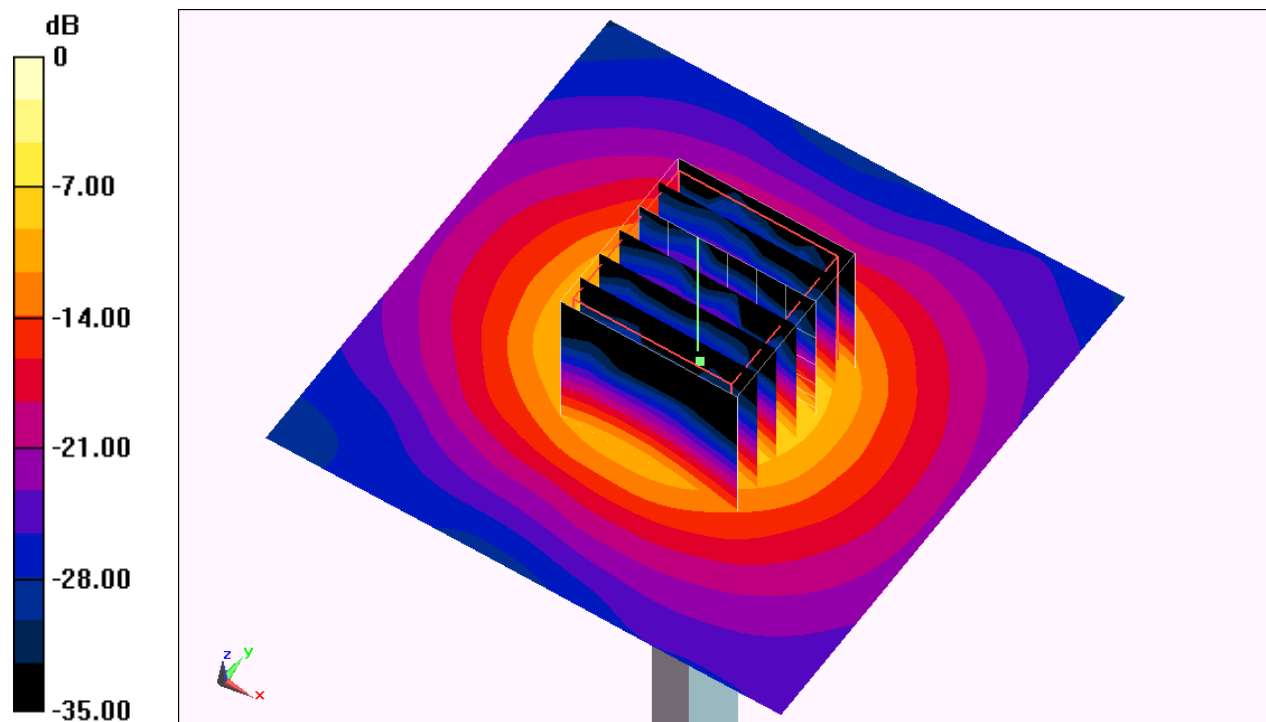
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.992 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 31.957 mW/g

**SAR(1 g) = 7.65 mW/g; SAR(10 g) = 2.11 mW/g**

Maximum value of SAR (measured) = 19.3 mW/g



0 dB = 19.3 mW/g = 25.71 dB mW/g

## System Check\_Body\_5600MHz\_160125

### DUT: D5GHzV2-1006

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

Medium: MSL\_5G\_160125 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.775$  S/m;  $\epsilon_r = 46.163$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.1, 4.1, 4.1); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 21.5 W/kg

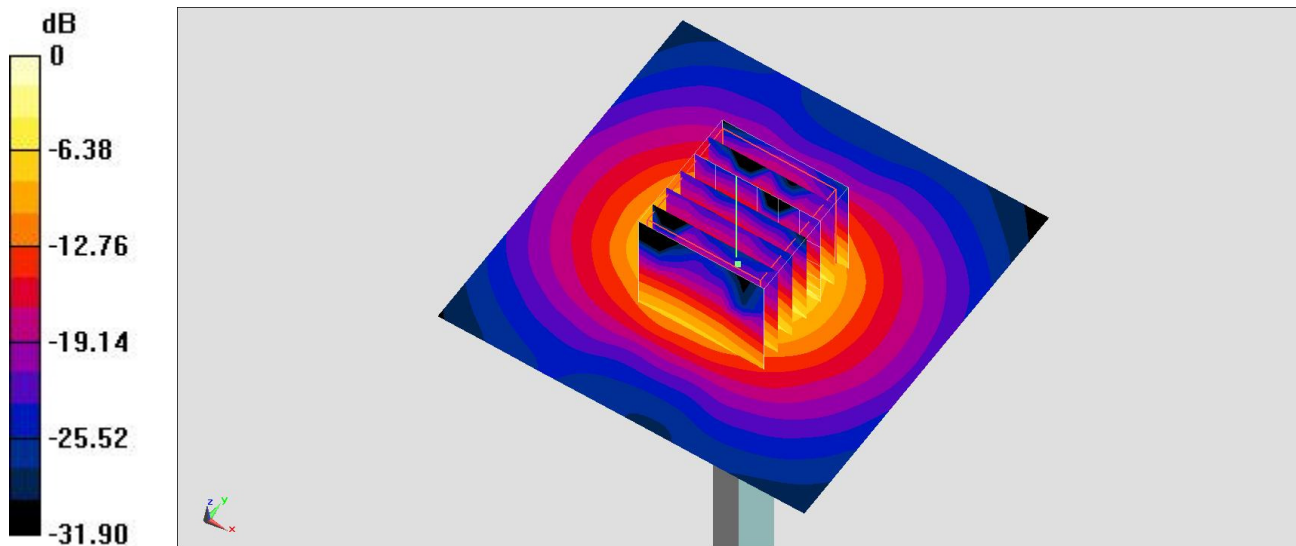
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.18 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 40.0 W/kg

**SAR(1 g) = 8.49 W/kg; SAR(10 g) = 2.28 W/kg**

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 21.5 W/kg = 13.32 dBW/kg



## System Check\_Body\_5800MHz\_160118

### DUT: D5GHzV2-1006

Communication System: CW ; Frequency: 5800 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_160118 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.222$  S/m;  $\epsilon_r = 45.982$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.16, 4.16, 4.16); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 21.7 W/kg

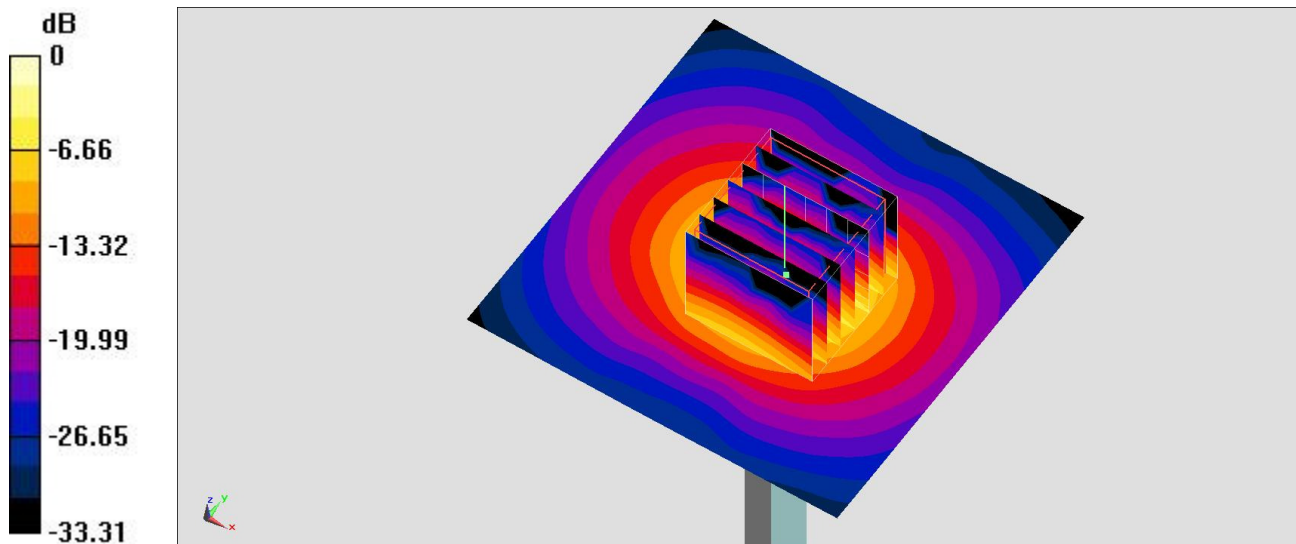
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.40 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 40.7 W/kg

**SAR(1 g) = 8.26 W/kg; SAR(10 g) = 2.2 W/kg**

Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 21.7 W/kg = 13.36 dBW/kg



## System Check\_Body\_5800MHz\_160125

### DUT: D5GHzV2-1006

Communication System: CW ; Frequency: 5800 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_160125 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.023$  S/m;  $\epsilon_r = 45.874$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.16, 4.16, 4.16); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

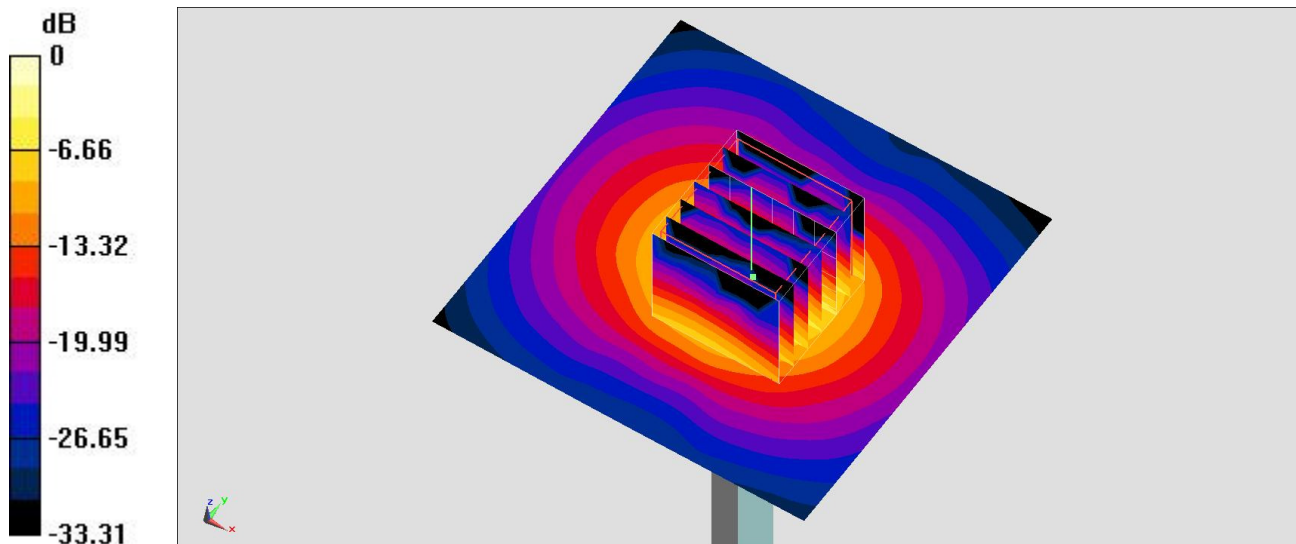
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.40 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 39.4 W/kg

**SAR(1 g) = 8 W/kg; SAR(10 g) = 2.13 W/kg**

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



0 dB = 21.0 W/kg = 13.22 dBW/kg