

## System Check\_Body\_2450MHz\_130622

### DUT: D2450V2-SN:736

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

Medium: MSL\_2450\_130622 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.947$  S/m;  $\epsilon_r = 51.611$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

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

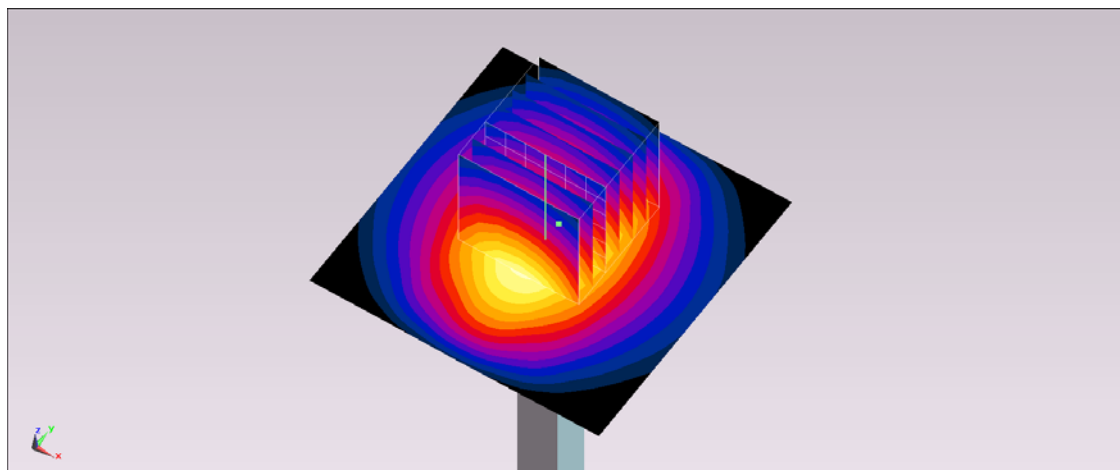
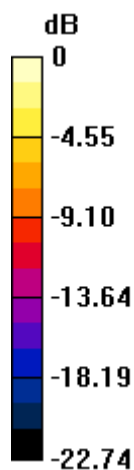
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.098 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.18 W/kg**

Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg

## System Check\_Body\_5200MHz\_130621

### DUT: D5GHzV2-SN:1006

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130621 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.138$  mho/m;  $\epsilon_r = 47.493$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 17.3 mW/g

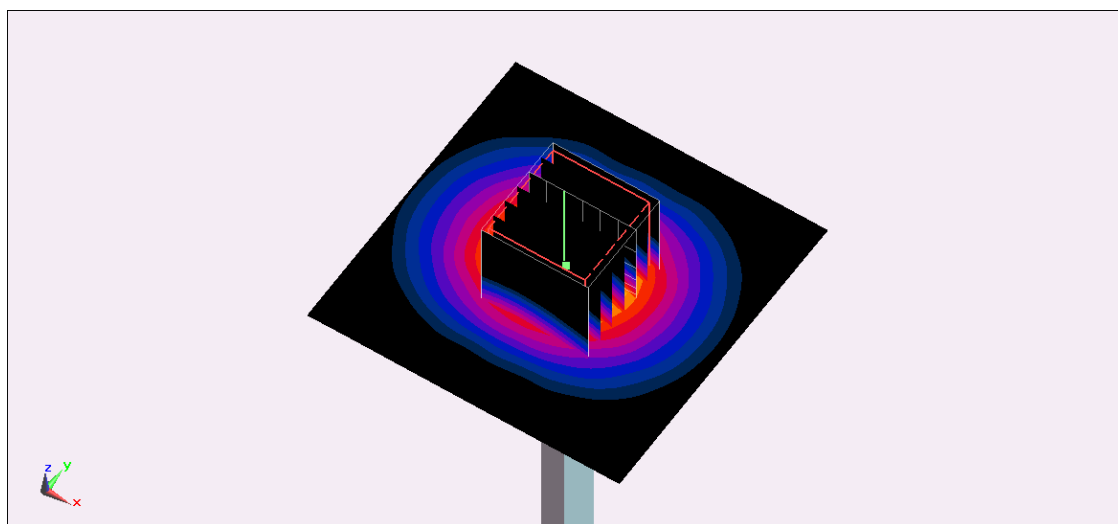
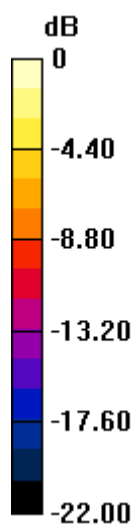
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.370 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 29.533 mW/g

**SAR(1 g) = 7.31 mW/g; SAR(10 g) = 2.01 mW/g**

Maximum value of SAR (measured) = 18.2 mW/g



0 dB = 18.2 mW/g = 25.20 dB mW/g

## System Check\_Body\_5300MHz\_130621

**DUT: F7I J | X4/UP-3228**

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

Medium: MSL\_5G\_130621 Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 5.27 \text{ mho/m}$ ;  $\epsilon_r = 47.255$ ;  $\rho =$

$1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (interpolated) =  $17.9 \text{ mW/g}$

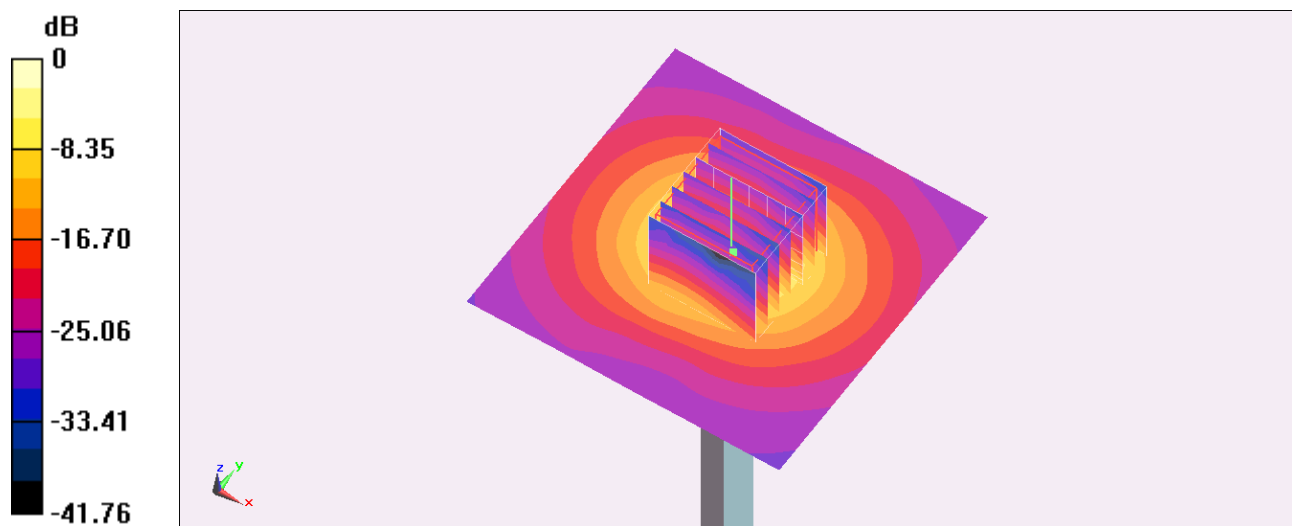
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  
 $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $45.994 \text{ V/m}$ ; Power Drift =  $-0.00 \text{ dB}$

Peak SAR (extrapolated) =  $28.518 \text{ mW/g}$

**SAR(1 g) =  $7.22 \text{ mW/g}$ ; SAR(10 g) =  $2.01 \text{ mW/g}$**

Maximum value of SAR (measured) =  $17.3 \text{ mW/g}$



0 dB =  $17.3 \text{ mW/g} = 24.76 \text{ dB mW/g}$

## System Check\_Body\_5600MHz\_130621

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130621 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.653$  mho/m;  $\epsilon_r = 46.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Pin=100mW/Area Scan (71x71x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 18.3 mW/g

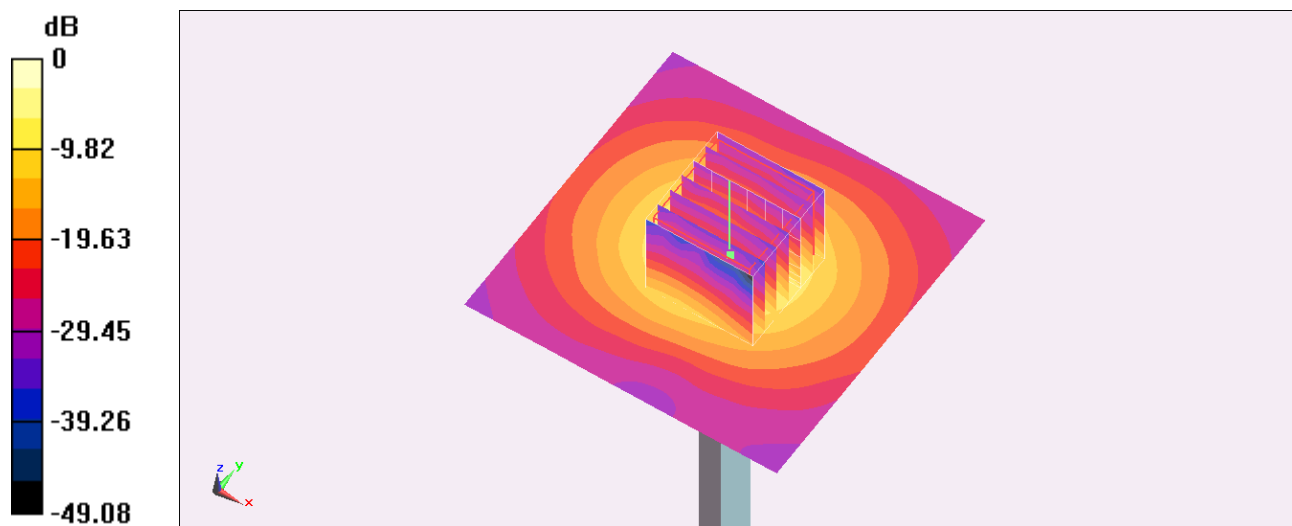
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.991 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 33.749 mW/g

**SAR(1 g) = 7.34 mW/g; SAR(10 g) = 2.02 mW/g**

Maximum value of SAR (measured) = 18.6 mW/g



0 dB = 18.6 mW/g = 25.39 dB mW/g

## System Check\_Body\_5800MHz\_130709

### DUT: D5GHzV2-SN:1006

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

Medium: MSL\_5G\_130709 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.113$  S/m;  $\epsilon_r = 47.156$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature :  $22.6$  °C; Liquid Temperature :  $21.6$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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

Maximum value of SAR (interpolated) =  $18.5$  W/kg

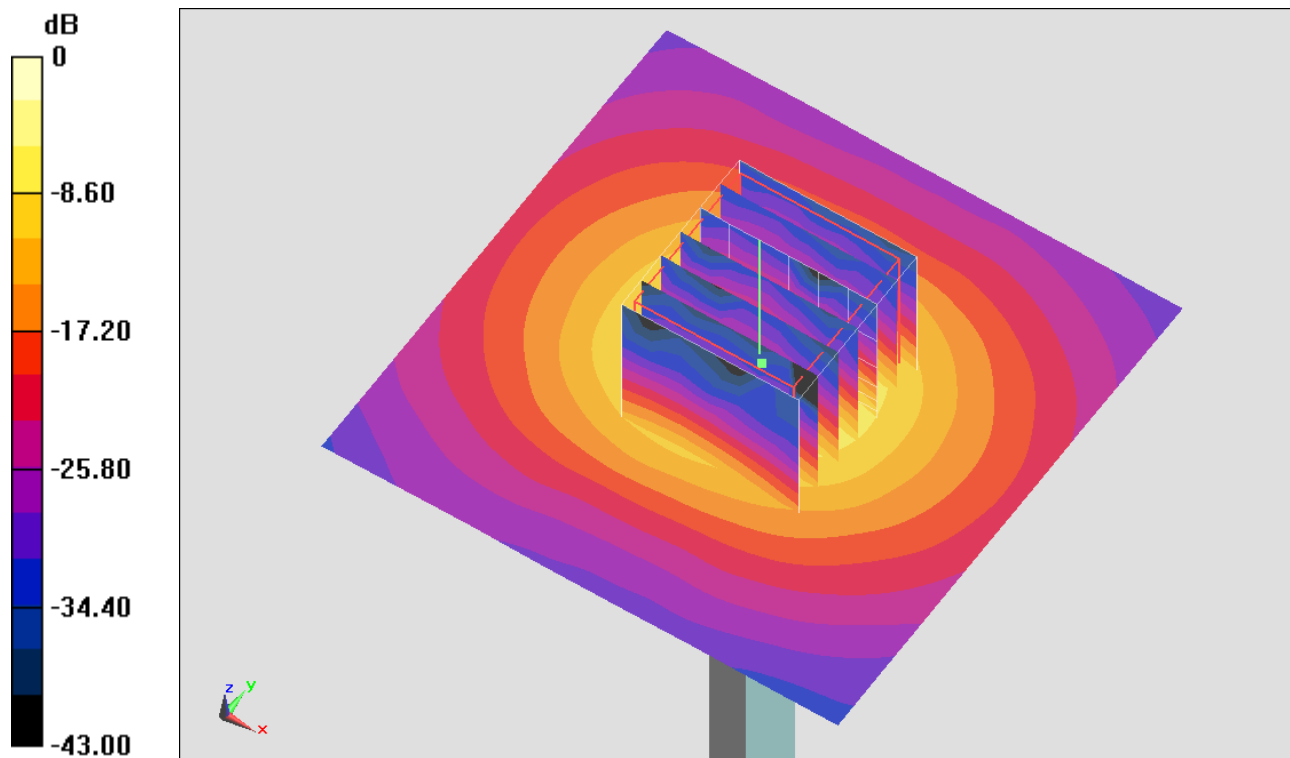
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $40.568$  V/m; Power Drift =  $0.04$  dB

Peak SAR (extrapolated) =  $38.2$  W/kg

**SAR(1 g) =  $6.88$  W/kg; SAR(10 g) =  $1.86$  W/kg**

Maximum value of SAR (measured) =  $17.8$  W/kg



0 dB =  $17.8$  W/kg =  $12.50$  dBW/kg