

## **System Check\_Body\_2450MHz\_120801**

### **DUT: D2450V2-SN:736**

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

Medium: MSL\_2450\_120801 Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.98 \text{ mho/m}$ ;  $\epsilon_r = 52.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Pin=250mW/Area Scan (91x91x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $15.3 \text{ mW/g}$

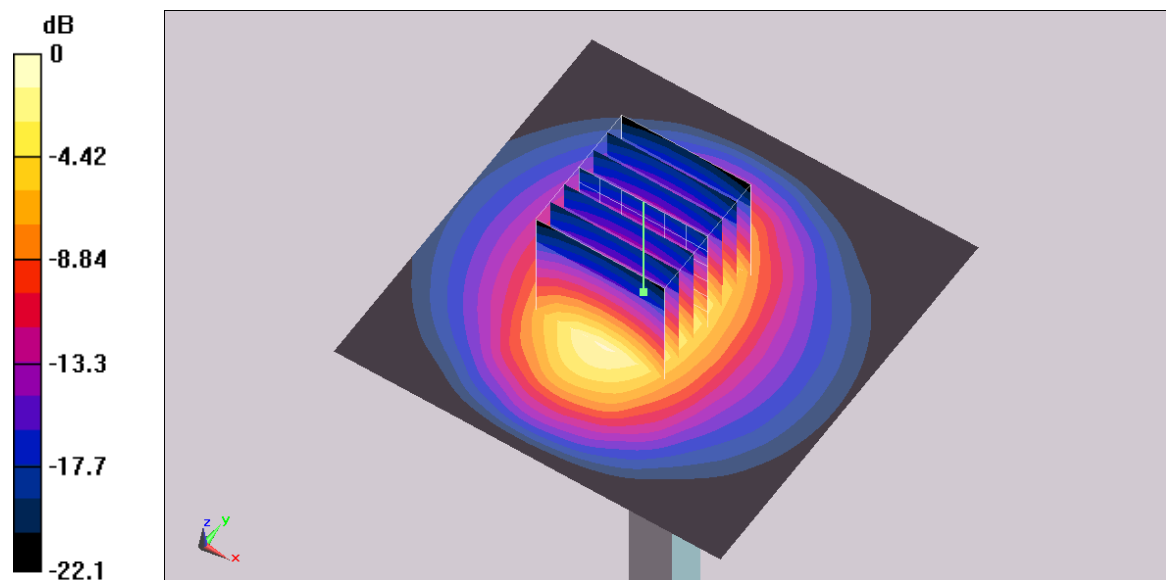
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $85.4 \text{ V/m}$ ; Power Drift =  $0.097 \text{ dB}$

Peak SAR (extrapolated) =  $29.5 \text{ W/kg}$

**SAR(1 g) =  $13.5 \text{ mW/g}$ ; SAR(10 g) =  $6.43 \text{ mW/g}$**

Maximum value of SAR (measured) =  $15 \text{ mW/g}$



0 dB = 15mW/g

## **System Check\_Body\_5200MHz\_120731**

### **DUT: D5GHzV2-SN:1006**

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

Medium: MSL\_5G\_120731 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.28 \text{ mho/m}$ ;  $\epsilon_r = 47.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Pin=250mW/Area Scan (91x91x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $34.8 \text{ mW/g}$

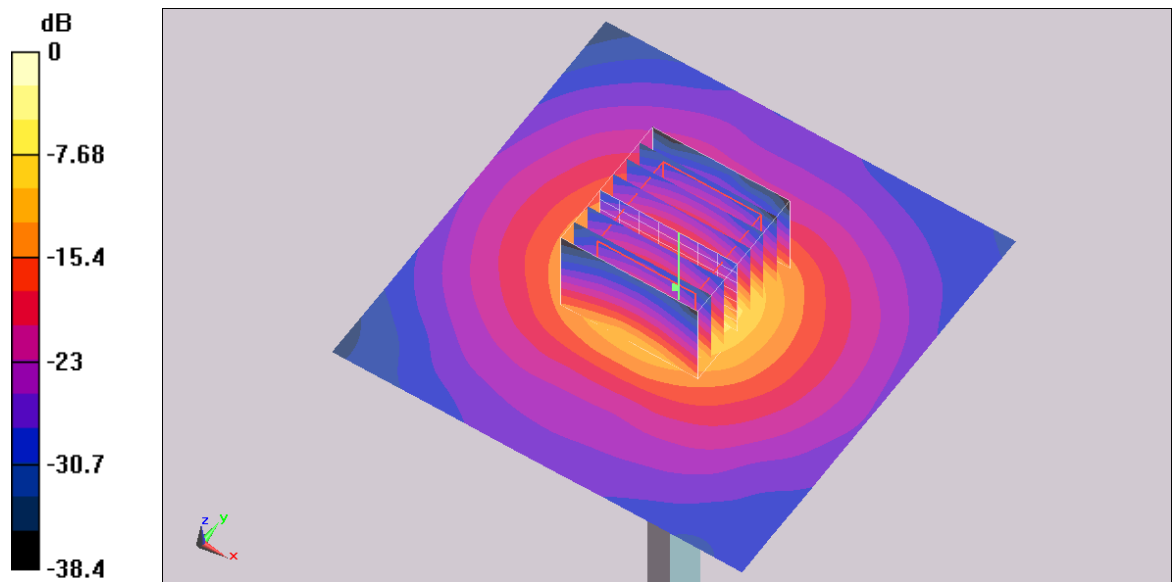
**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4.3\text{mm}$ ,  $dy=4.3\text{mm}$ ,  $dz=3\text{mm}$

Reference Value =  $85.3 \text{ V/m}$ ; Power Drift =  $-0.133 \text{ dB}$

Peak SAR (extrapolated) =  $66.6 \text{ W/kg}$

**SAR(1 g) =  $19.5 \text{ mW/g}$ ; SAR(10 g) =  $5.39 \text{ mW/g}$**

Maximum value of SAR (measured) =  $33.2 \text{ mW/g}$



0 dB = 33.2mW/g

## **System Check\_Body\_5500MHz\_120731**

### **DUT: D5GHzV2-SN:1006**

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120731 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.68 \text{ mho/m}$ ;  $\epsilon_r = 47$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Pin=250mW/Area Scan (91x91x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $38.4 \text{ mW/g}$

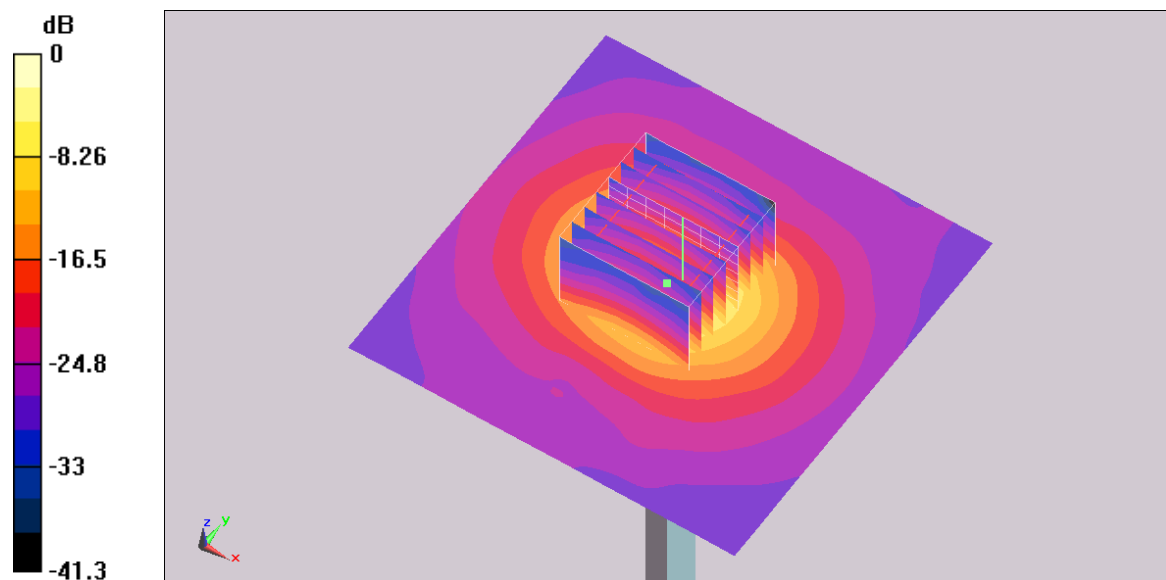
**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4.3\text{mm}$ ,  $dy=4.3\text{mm}$ ,  $dz=3\text{mm}$

Reference Value =  $83.1 \text{ V/m}$ ; Power Drift =  $0.086 \text{ dB}$

Peak SAR (extrapolated) =  $63.9 \text{ W/kg}$

**SAR(1 g) =  $19.7 \text{ mW/g}$ ; SAR(10 g) =  $5.58 \text{ mW/g}$**

Maximum value of SAR (measured) =  $34.7 \text{ mW/g}$



0 dB = 34.7mW/g

## **System Check\_Body\_5800MHz\_120731**

### **DUT: D5GHzV2-SN:1006**

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

Medium: MSL\_5G\_120731 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.18 \text{ mho/m}$ ;  $\epsilon_r = 46.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Pin=250mW/Area Scan (91x91x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $34.4 \text{ mW/g}$

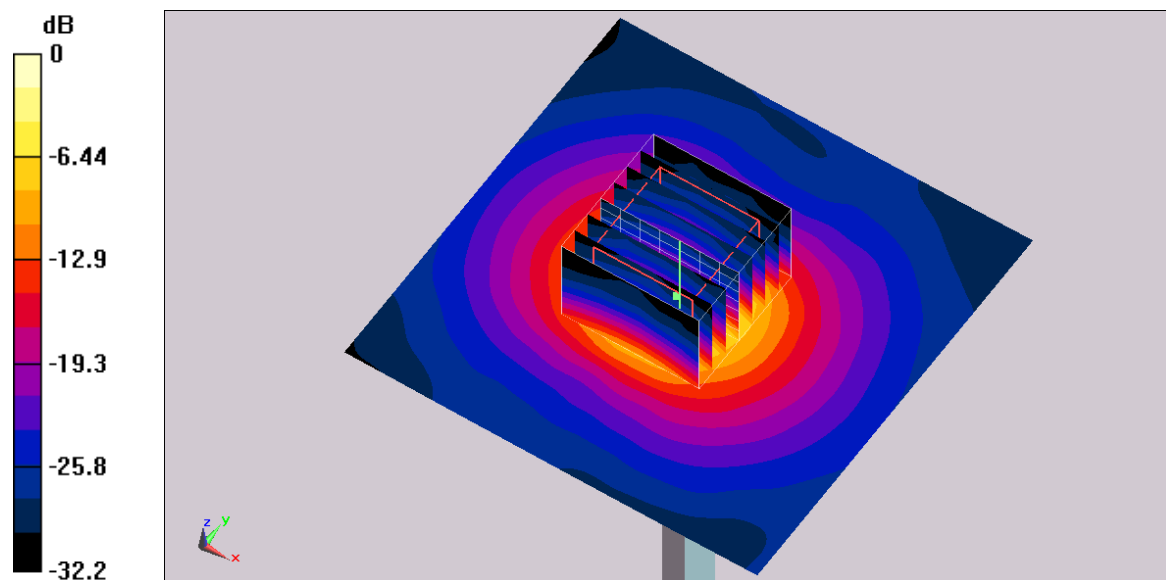
**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4.3\text{mm}$ ,  $dy=4.3\text{mm}$ ,  $dz=3\text{mm}$

Reference Value =  $81.1 \text{ V/m}$ ; Power Drift =  $0.198 \text{ dB}$

Peak SAR (extrapolated) =  $77.4 \text{ W/kg}$

**SAR(1 g) =  $19.5 \text{ mW/g}$ ; SAR(10 g) =  $5.45 \text{ mW/g}$**

Maximum value of SAR (measured) =  $33.5 \text{ mW/g}$



0 dB = 33.5mW/g