

### System Check\_Body\_2450MHz\_130912

D2450V2-SN:869

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

Medium: MSL\_2450\_130912 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 54.161$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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) =  $21.2$  W/kg

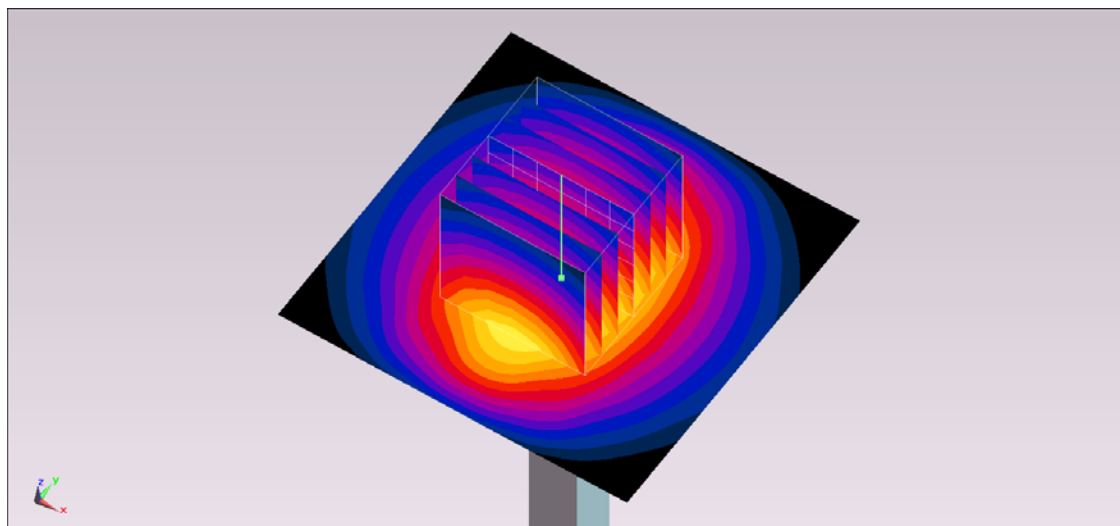
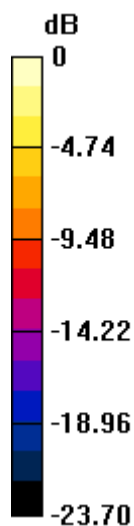
**Configuration/Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value =  $104.2$  V/m; Power Drift =  $0.02$  dB

Peak SAR (extrapolated) =  $28.5$  W/kg

**SAR(1 g) =  $13.7$  W/kg; SAR(10 g) =  $6.29$  W/kg**

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



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

## System Check\_Body\_5200MHz\_130913

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.325$  S/m;  $\epsilon_r = 47.518$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.41, 4.41, 4.41); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.0 W/kg

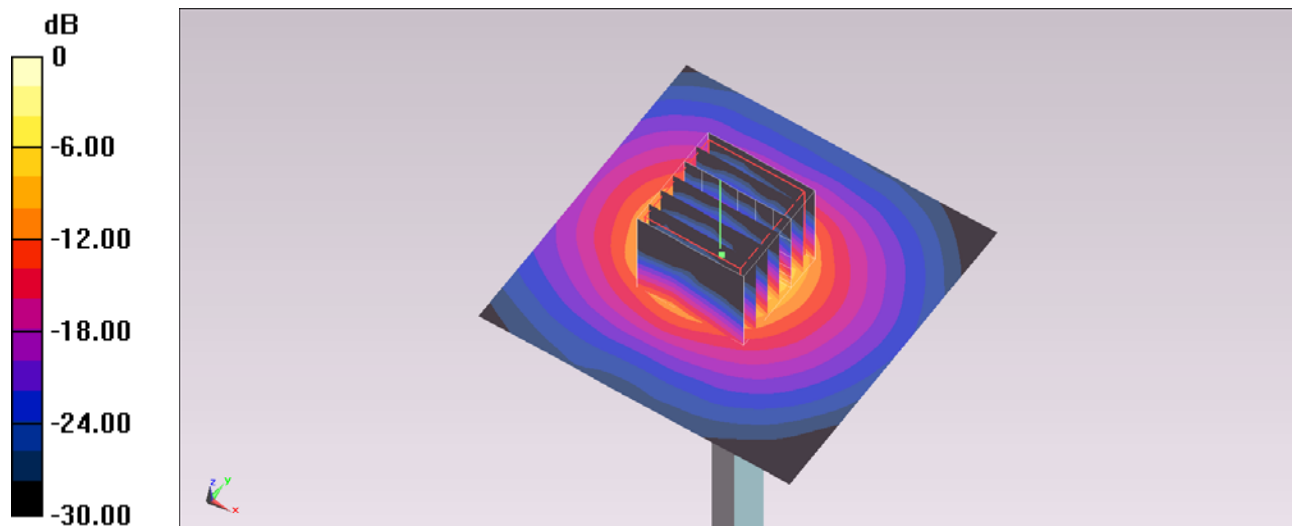
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.604 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.07 W/kg**

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



0 dB = 19.6 W/kg = 12.92 dBW/kg

## System Check\_Body\_5200MHz\_130915

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130915 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.264$  S/m;  $\epsilon_r = 48.303$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.41, 4.41, 4.41); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

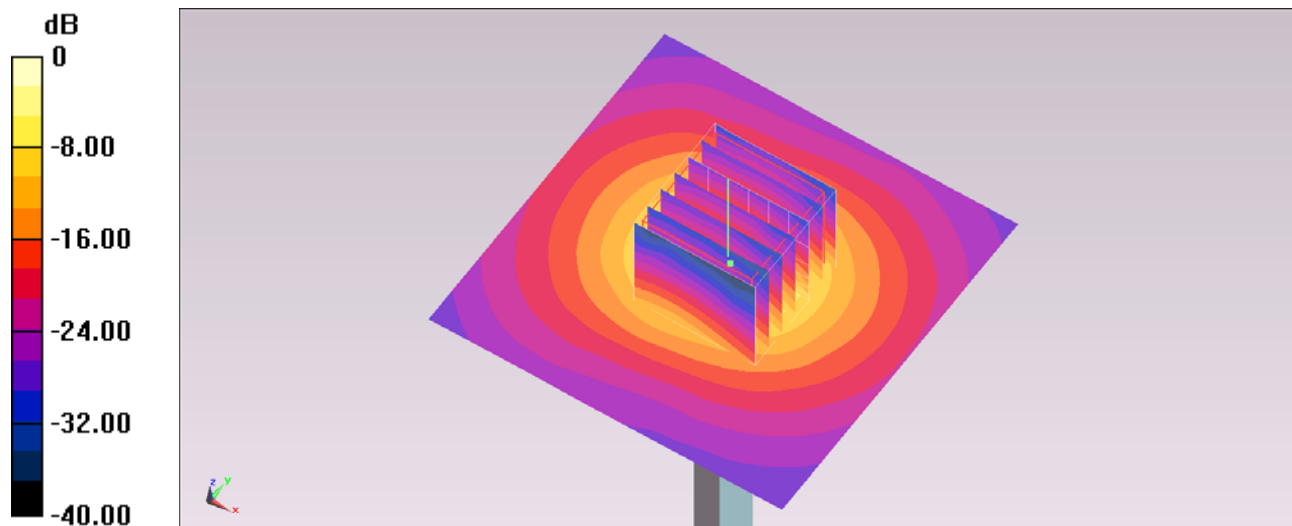
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.922 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 29.9 W/kg

**SAR(1 g) = 7.36 W/kg; SAR(10 g) = 2.06 W/kg**

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



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

## System Check\_Body\_5300MHz\_130913

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130913 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.466$  S/m;  $\epsilon_r = 47.251$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) =  $18.4$  W/kg

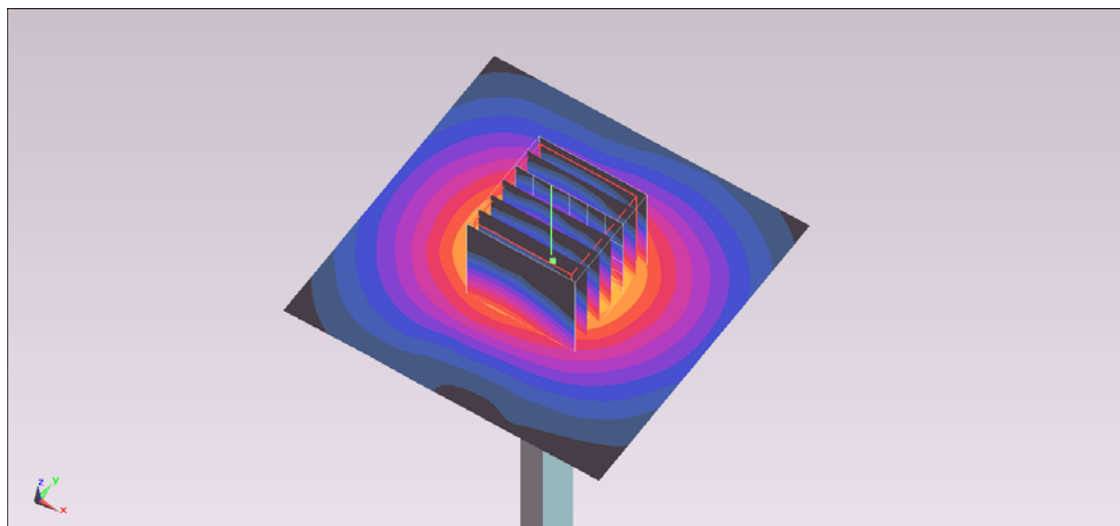
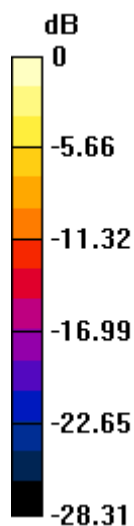
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $45.640$  V/m; Power Drift =  $-0.10$  dB

Peak SAR (extrapolated) =  $30.3$  W/kg

**SAR(1 g) =  $7.39$  W/kg; SAR(10 g) =  $2.05$  W/kg**

Maximum value of SAR (measured) =  $17.7$  W/kg



0 dB =  $17.7$  W/kg =  $12.48$  dBW/kg

## System Check\_Body\_5300MHz\_130915

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130915 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.404$  S/m;  $\epsilon_r = 48.094$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) =  $19.8$  W/kg

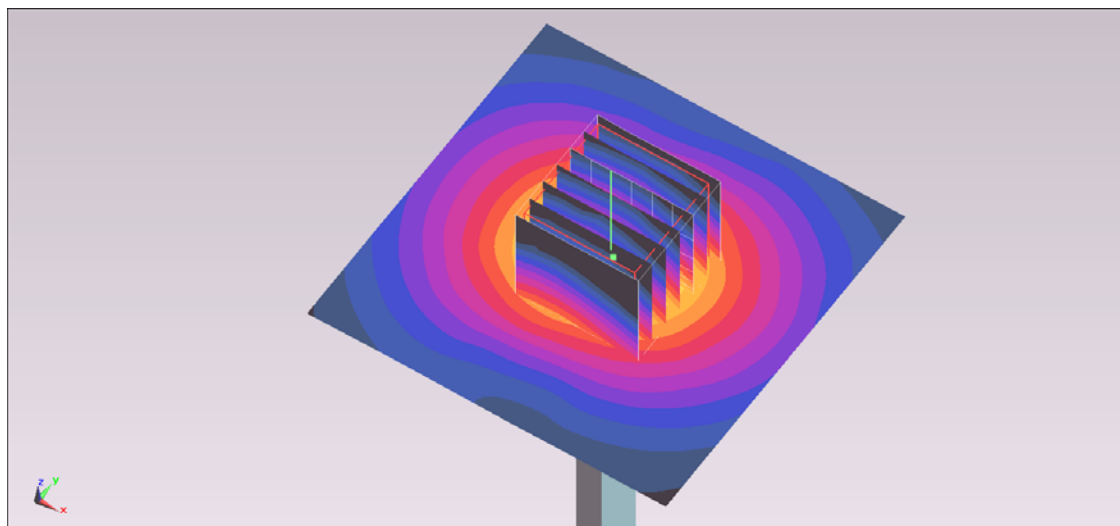
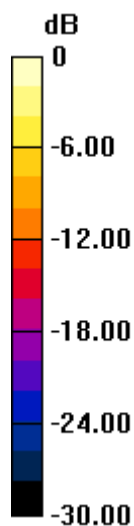
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $46.983$  V/m; Power Drift =  $-0.00$  dB

Peak SAR (extrapolated) =  $32.5$  W/kg

**SAR(1 g) =  $7.89$  W/kg; SAR(10 g) =  $2.18$  W/kg**

Maximum value of SAR (measured) =  $19.1$  W/kg



0 dB =  $19.1$  W/kg =  $12.81$  dBW/kg

## System Check\_Body\_5600MHz\_130914

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130914 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.872$  S/m;  $\epsilon_r = 48.306$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

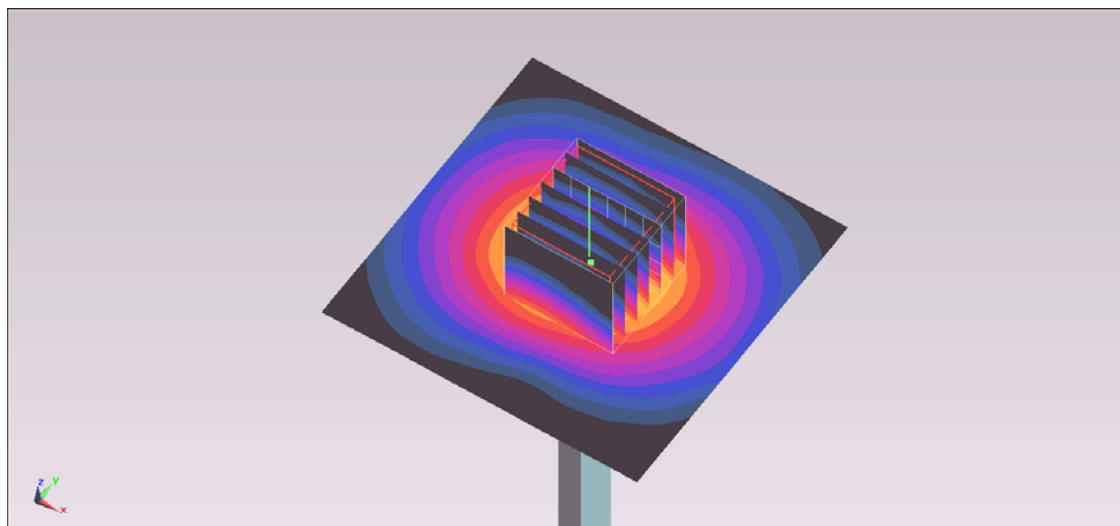
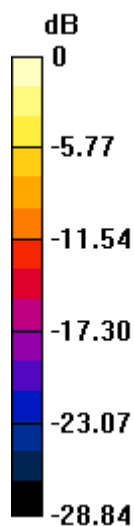
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.743 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 34.0 W/kg

**SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.18 W/kg**

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



0 dB = 19.8 W/kg = 12.97 dBW/kg

## System Check\_Body\_5600MHz\_130915

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130915 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.834$  S/m;  $\epsilon_r = 47.448$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

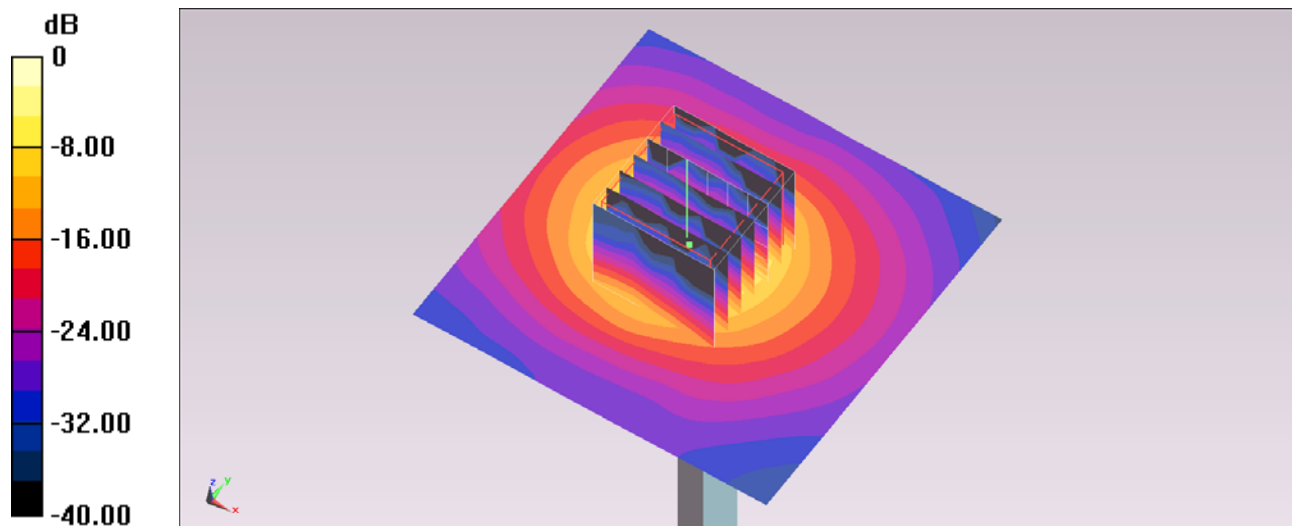
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.254 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 35.6 W/kg

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

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



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

## System Check\_Body\_5800MHz\_130914

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130914 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.127 \text{ S/m}$ ;  $\epsilon_r = 47.784$ ;  $\rho =$

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

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4, 4, 4); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $20.0 \text{ W/kg}$

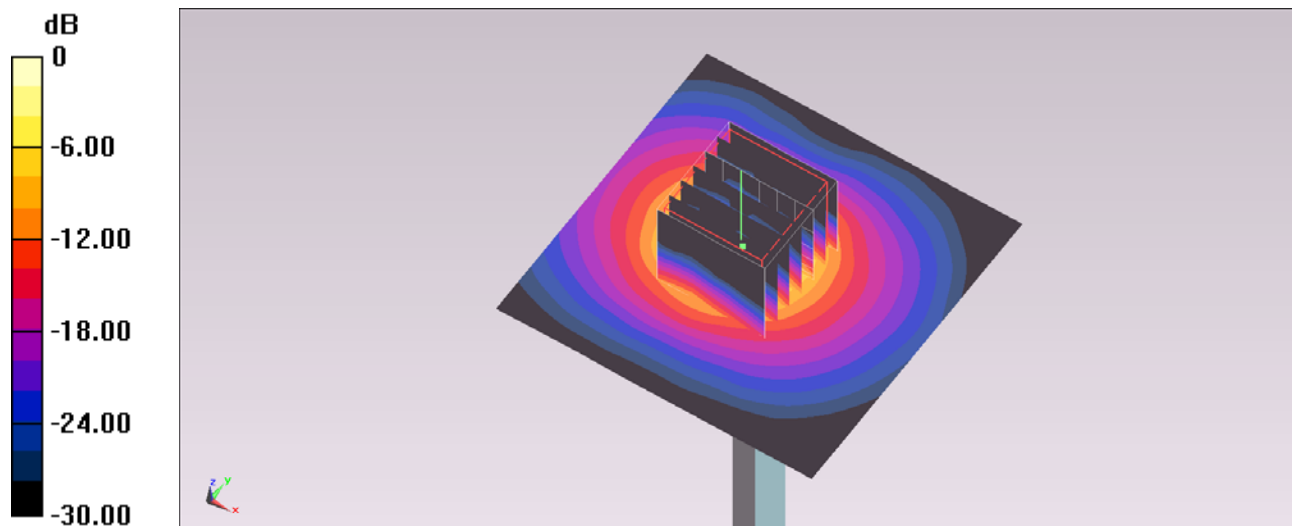
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $51.491 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $34.8 \text{ W/kg}$

**SAR(1 g) =  $7.47 \text{ W/kg}$ ; SAR(10 g) =  $2 \text{ W/kg}$**

Maximum value of SAR (measured) =  $19.7 \text{ W/kg}$



0 dB =  $19.7 \text{ W/kg} = 12.94 \text{ dBW/kg}$



## System Check\_Body\_5800MHz\_130915

### DUT: D5GHzV2-SN:1128

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

Medium: MSL\_5G\_130915 Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.096$  S/m;  $\epsilon_r = 46.929$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4, 4, 4); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- 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=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

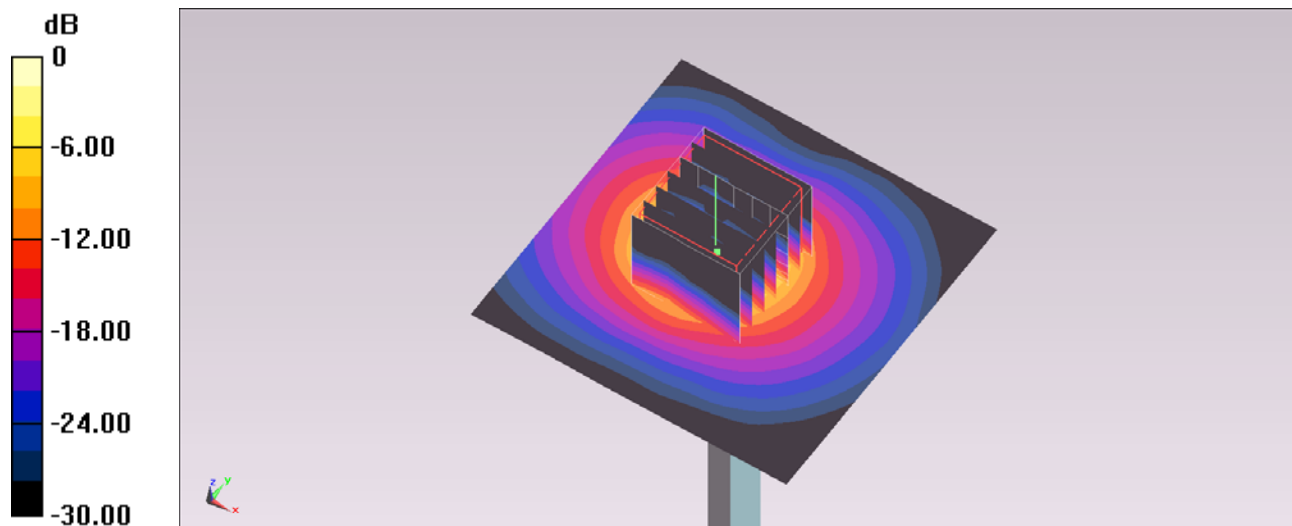
**Configuration/Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.491 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 34.6 W/kg

**SAR(1 g) = 7.44 W/kg; SAR(10 g) = 1.99 W/kg**

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



0 dB = 19.6 W/kg = 12.92 dBW/kg