

### #65\_WLAN2.4GHz\_802.11b 1Mbps\_Positioning 1\_0cm\_Ch6;Ant 0

**DUT: 361069**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130617 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.904$  mho/m;  $\epsilon_r = 53.196$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (101x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0568 mW/g

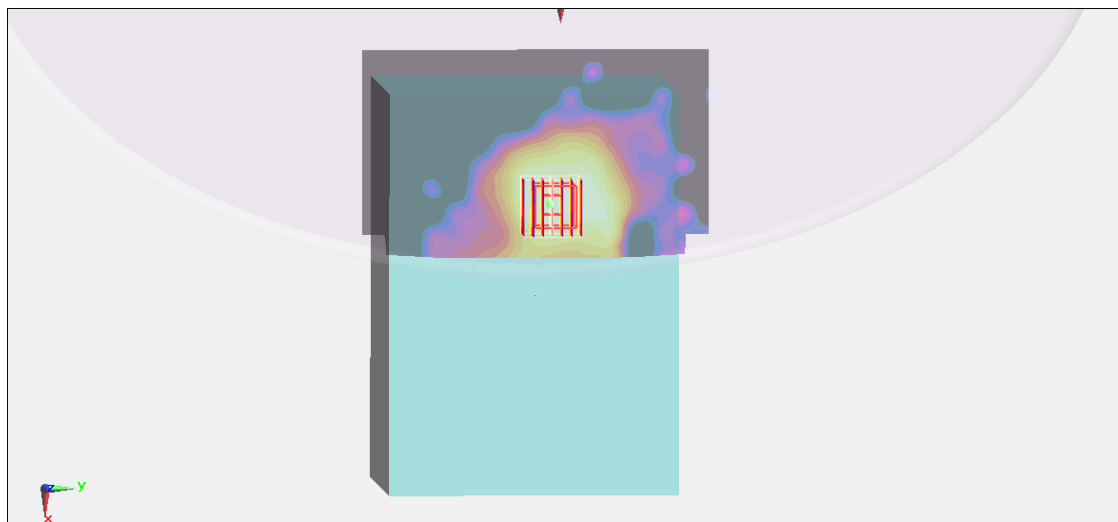
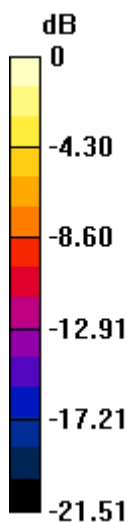
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.392 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.073 mW/g

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.0548 mW/g



0 dB = 0.0548 mW/g = -25.22 dB mW/g

### #66\_WLAN2.4GHz\_802.11b 1Mbps\_Positioning 2\_0cm\_Ch6;Ant 0

**DUT: 361069**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130617 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.904 \text{ mho/m}$ ;  $\epsilon_r = 53.196$ ;  $\rho$

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

Ambient Temperature :  $22.7 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (101x151x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
Maximum value of SAR (interpolated) =  $0.0462 \text{ mW/g}$

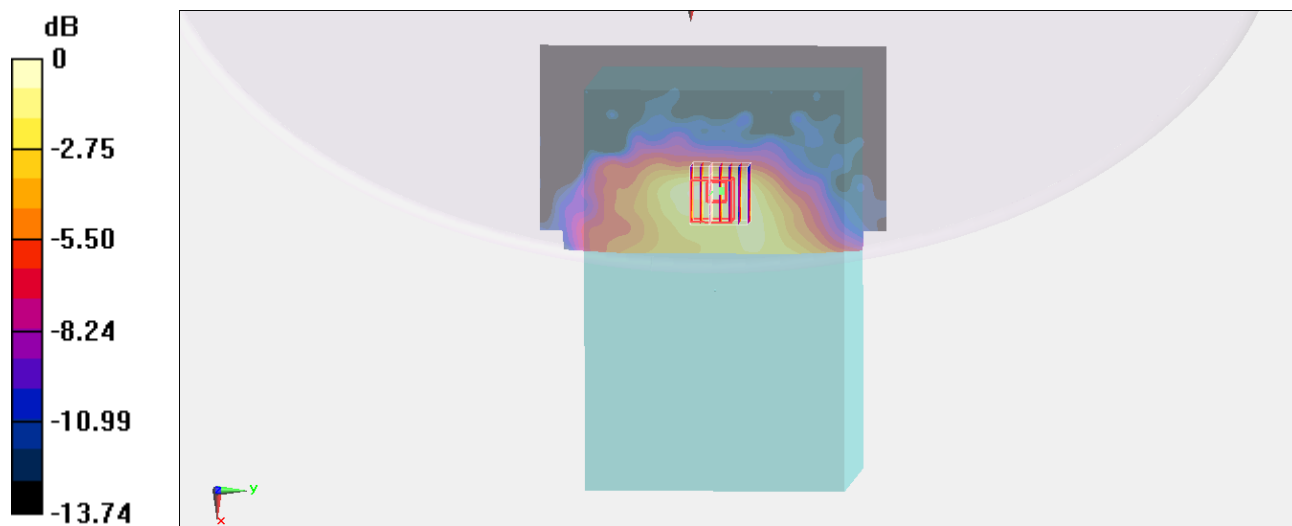
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  
 $dz=5\text{mm}$

Reference Value =  $4.800 \text{ V/m}$ ; Power Drift =  $0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.058 \text{ mW/g}$

**SAR(1 g) =  $0.031 \text{ mW/g}$ ; SAR(10 g) =  $0.019 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.0436 \text{ mW/g}$



0 dB =  $0.0436 \text{ mW/g} = -27.21 \text{ dB mW/g}$

**#67\_WLAN2.4GHz\_802.11b 1Mbps\_Positioning 4\_0cm\_Ch6;Ant 0**

**DUT: 361069**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_130617 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.831$  mho/m;  $\epsilon_r = 39.335$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.87, 6.87, 6.87); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (71x151x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.00828 mW/g

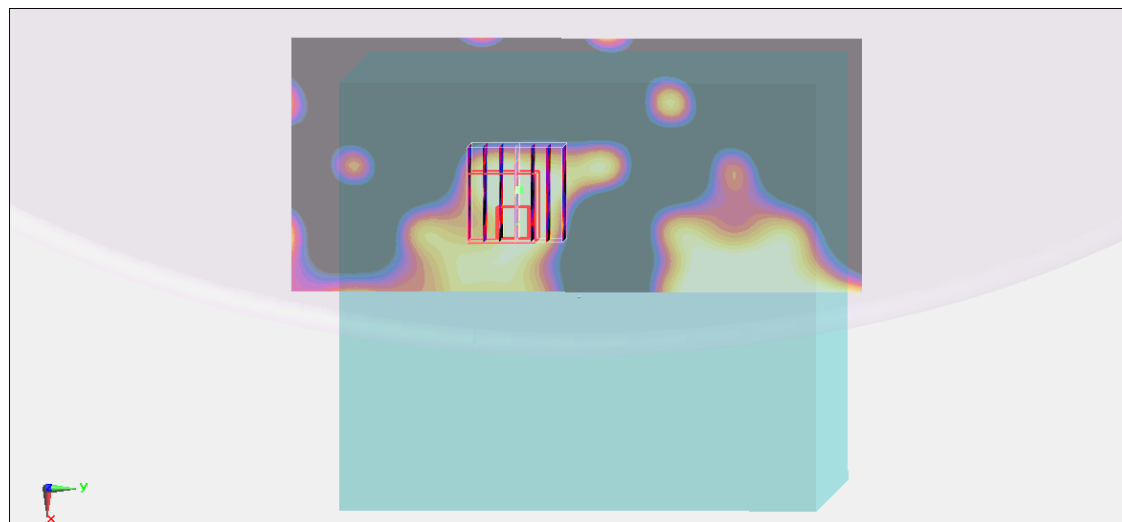
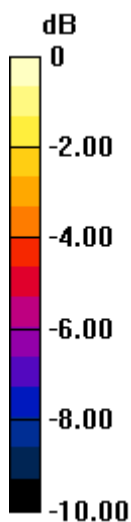
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.181 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.00692 mW/g

**SAR(1 g) = 0.00218 mW/g; SAR(10 g) = 0.00107 mW/g**

Maximum value of SAR (measured) = 0.00397 mW/g



0 dB = 0.00397 mW/g = -48.02 dB mW/g

## #68\_WLAN2.4GHz\_802.11b 1Mbps\_Positioning 3\_0cm\_Ch6;Ant 1

**DUT: 361069**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130617 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.904$  mho/m;  $\epsilon_r = 53.196$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (131x191x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.00911 mW/g

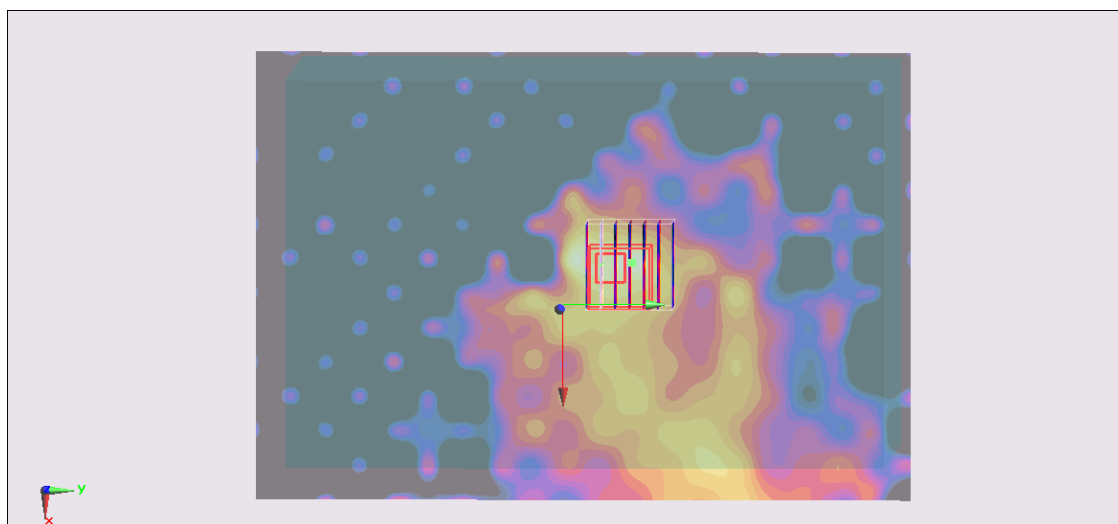
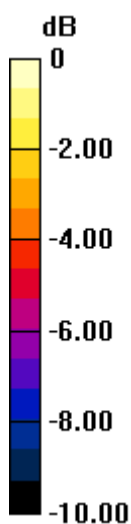
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.966 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.013 mW/g

**SAR(1 g) = 0.00624 mW/g; SAR(10 g) = 0.00388 mW/g**

Maximum value of SAR (measured) = 0.00952 mW/g



0 dB = 0.00952 mW/g = -40.43 dB mW/g

**#69\_WLAN2.4GHz\_802.11b 1Mbps\_Positioning 4\_0cm\_Ch6;Ant 1**

**DUT: 361069**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_130617 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.831$  mho/m;  $\epsilon_r = 39.335$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.87, 6.87, 6.87); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (71x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0194 mW/g

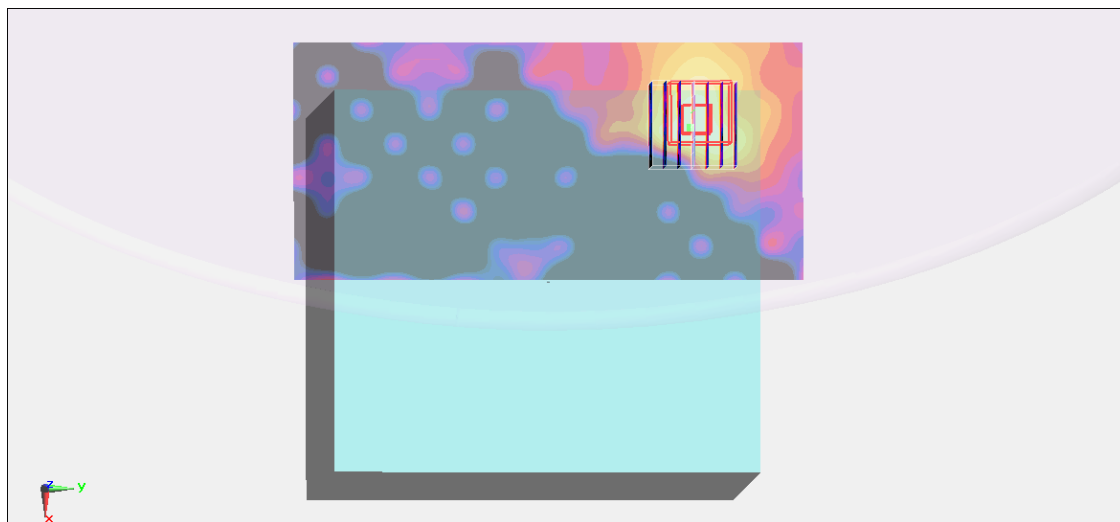
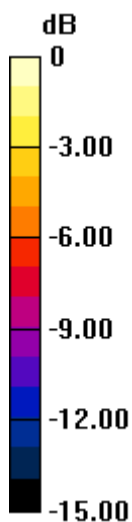
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.989 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.024 mW/g

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00576 mW/g**

Maximum value of SAR (measured) = 0.0174 mW/g



0 dB = 0.0174 mW/g = -35.19 dB mW/g

### #70\_WLAN2.4GHz\_802.11b 1Mbps\_Positioning 5\_0cm\_Ch6;Ant 1

**DUT: 361069**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130617 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.904$  mho/m;  $\epsilon_r = 53.196$ ;  $\rho$

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

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (131x191x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 2.28 mW/g

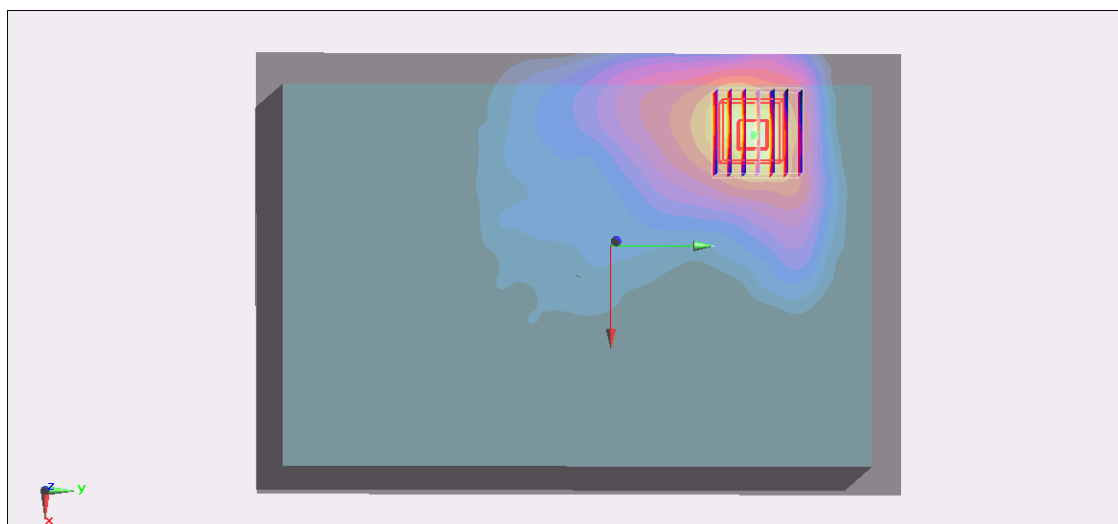
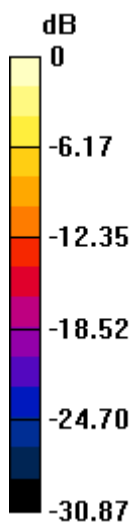
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,  
dz=5mm

Reference Value = 41.860 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.834 mW/g

**SAR(1 g) = 1.73 mW/g; SAR(10 g) = 0.548 mW/g**

Maximum value of SAR (measured) = 3.32 mW/g



0 dB = 3.32 mW/g = 10.42 dB mW/g

### #50\_WLAN5GHz\_802.11a 6Mbps\_Positioning 1\_0cm\_Ch36;Ant 0

**DUT: 361069**

Communication System:802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 47.539$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch36/Area Scan (121x181x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) = 0.0779 W/kg

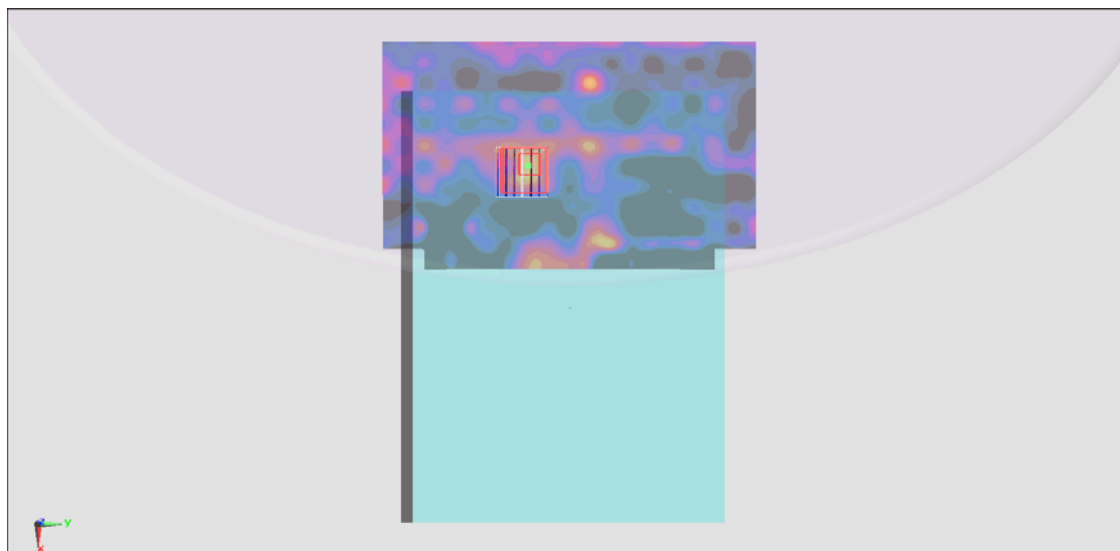
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 7.131 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

### #07\_WLAN5GHz\_802.11a 6Mbps\_Positioning 2\_0cm\_Ch36;Ant 0

**DUT: 361069**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 47.539$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch36/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.138 W/kg

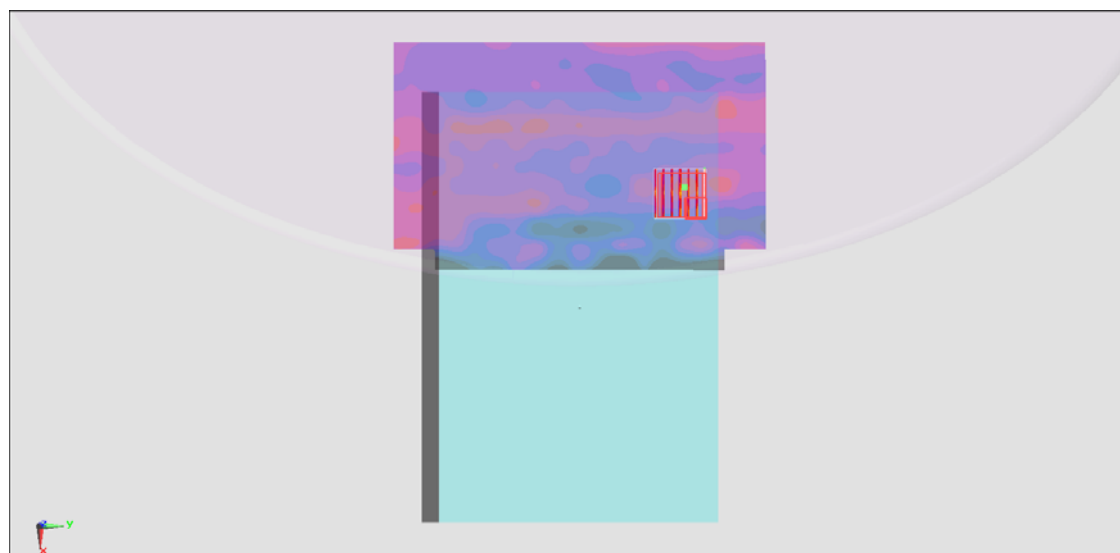
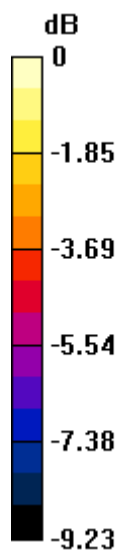
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.024 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.373 W/kg





**#62\_WLAN5GHz\_802.11a 6Mbps\_Positioning 4\_0cm\_Ch36;Ant 0**

**DUT: 361069**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130616 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.772$  mho/m;  $\epsilon_r = 35.524$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.83, 4.83, 4.83); 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/Ch36/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0144 mW/g

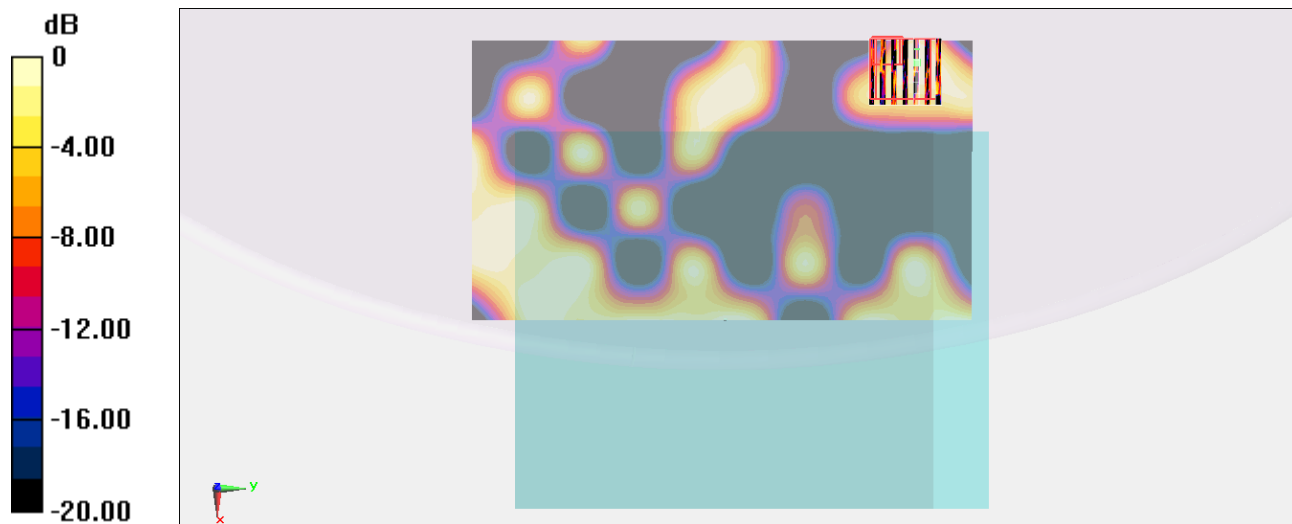
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.094 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.043 mW/g

**SAR(1 g) = 0.00167 mW/g; SAR(10 g) = 0.000363 mW/g**

Maximum value of SAR (measured) = 0.00901 mW/g



0 dB = 0.00901 mW/g = -40.91 dB mW/g

### #53\_WLAN5GHz\_802.11a 6Mbps\_Positioning 1\_0cm\_Ch52;Ant 0

**DUT: 361069**

Communication System:802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.359$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch52/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.108 W/kg

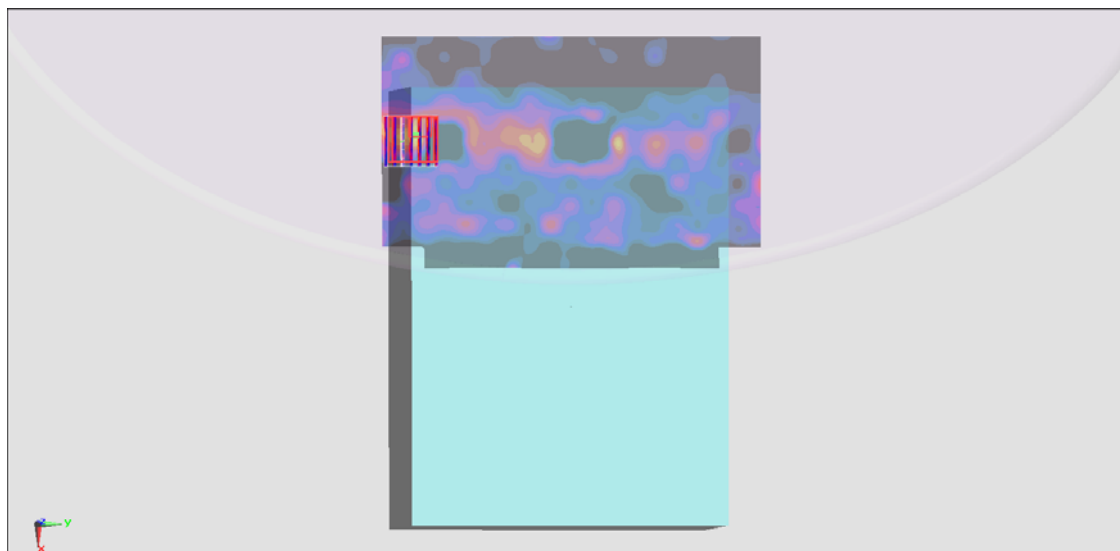
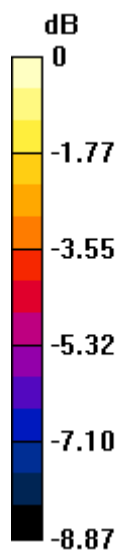
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.643 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

### #12\_WLAN5GHz\_802.11a 6Mbps\_Positioning 2\_0cm\_Ch52;Ant 0

**DUT: 361069**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.359$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch52/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.232 W/kg

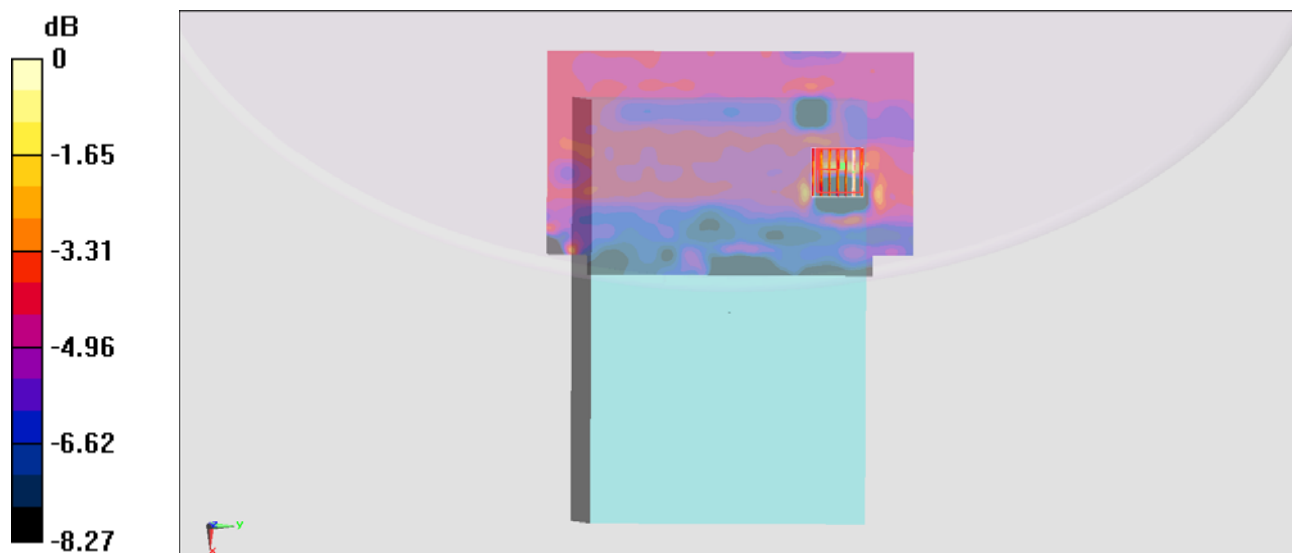
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.719 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.349 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

**#63\_WLAN5GHz\_802.11a 6Mbps\_Positioning 4\_0cm\_Ch52;Ant 0**

**DUT: 361069**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130616 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.862$  mho/m;  $\epsilon_r = 35.403$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.63, 4.63, 4.63); 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/Ch52/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0162 mW/g

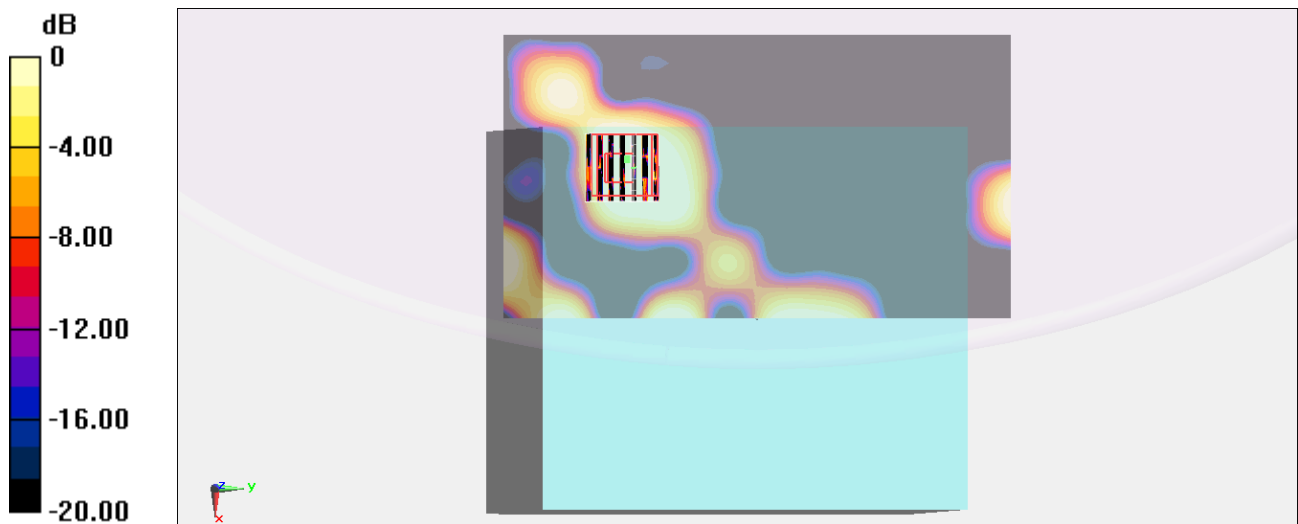
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.802 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.027 mW/g

**SAR(1 g) = 0.000892 mW/g; SAR(10 g) = 0.000209 mW/g**

Maximum value of SAR (measured) = 0.00734 mW/g



0 dB = 0.00734 mW/g = -42.69 dB mW/g

### #56\_WLAN5GHz\_802.11a 6Mbps\_Positioning 1\_0cm\_Ch140;Ant 0

**DUT: 361069**

Communication System:802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.959$  S/m;  $\epsilon_r = 46.651$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); 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/Ch140/Area Scan (121x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.0835 W/kg

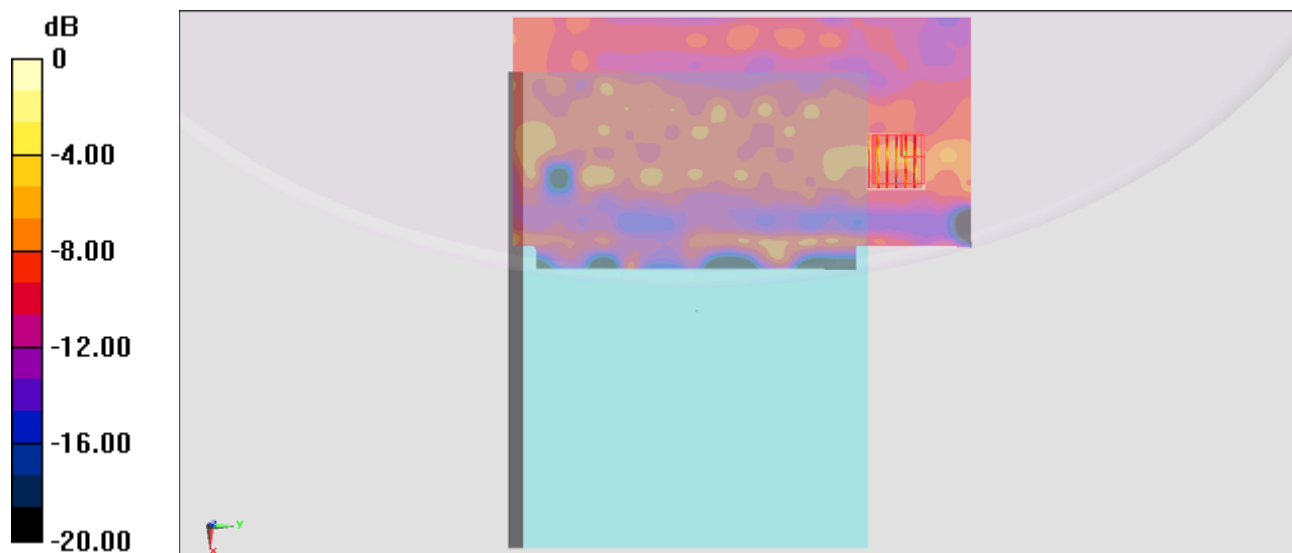
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.067 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

### #17\_WLAN5GHz\_802.11a\_6Mbps\_Positioning\_2\_0cm\_Ch140;Ant 0

**DUT: 361069**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.959$  S/m;  $\epsilon_r = 46.651$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); 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/Ch140/Area Scan (121x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.164 W/kg

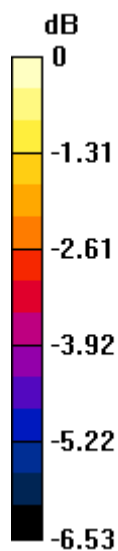
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.426 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.350 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.214 W/kg**

Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

**#64\_WLAN5GHz\_802.11a 6Mbps\_Positioning 4\_0cm\_Ch140;Ant 0**

**DUT: 361069**

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1

Medium: HSL\_5G\_130616 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.305$  mho/m;  $\epsilon_r = 34.563$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.54, 4.54, 4.54); 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/Ch140/Area Scan (101x201x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.00901 mW/g

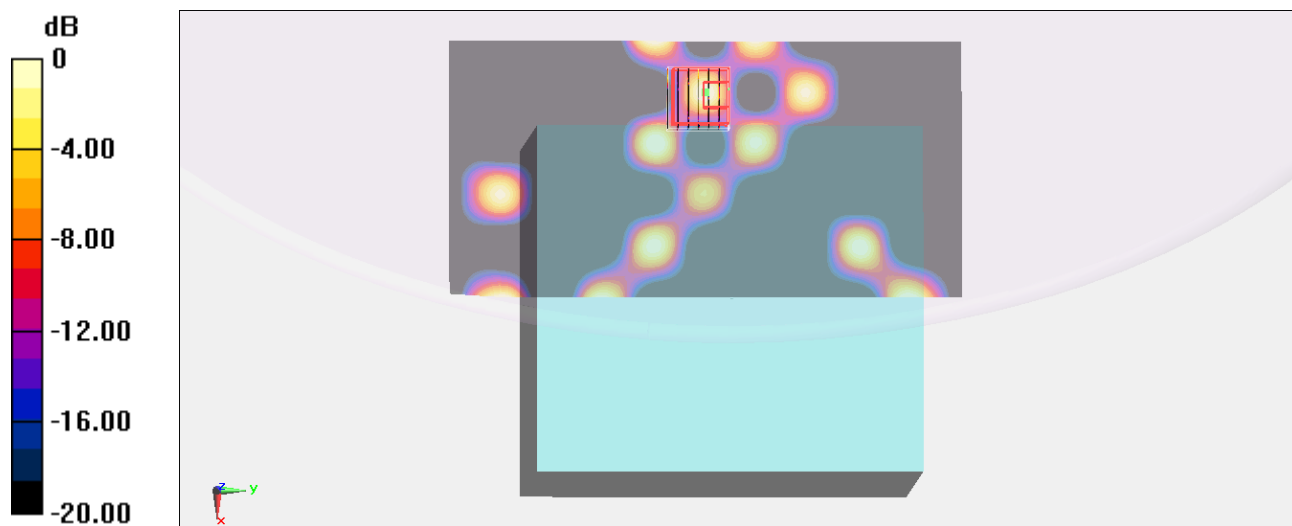
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 0.772 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.037 mW/g

**SAR(1 g) = 0.000673 mW/g; SAR(10 g) = 0.000103 mW/g**

Maximum value of SAR (measured) = 0.00765 mW/g



0 dB = 0.00765 mW/g = -42.33 dB mW/g

### #51\_WLAN5GHz\_802.11a 6Mbps\_Positioning 3\_0cm\_Ch36;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.221$  S/m;  $\epsilon_r = 47.539$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch36/Area Scan (161x231x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.154 W/kg

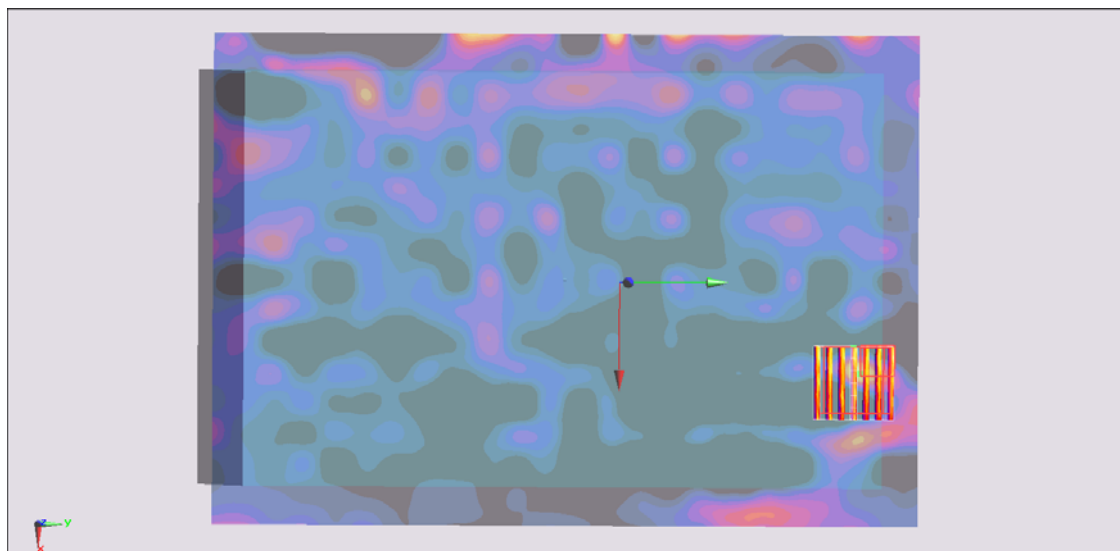
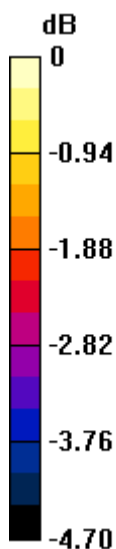
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.847 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.181 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg



## #59\_WLAN5GHz\_802.11a 6Mbps\_Positioning 4\_0cm\_Ch36;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130616 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.772$  mho/m;  $\epsilon_r = 35.524$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.83, 4.83, 4.83); 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/Ch36/Area Scan (81x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0669 mW/g

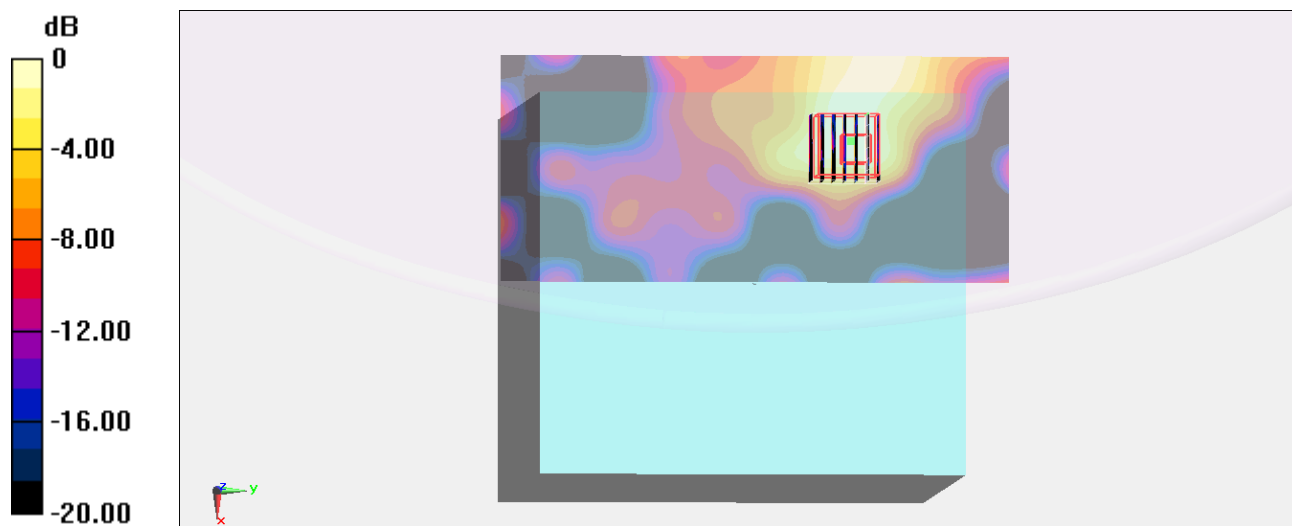
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.753 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.101 mW/g

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00786 mW/g**

Maximum value of SAR (measured) = 0.0637 mW/g



0 dB = 0.0637 mW/g = -23.92 dB mW/g

### #58\_WLAN5GHz\_802.11a 6Mbps\_Positioning 5\_0cm\_Ch36;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130616 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.248$  mho/m;  $\epsilon_r = 47.503$ ;  $\rho =$

$1000$  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/Ch36/Area Scan (181x241x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.854 mW/g

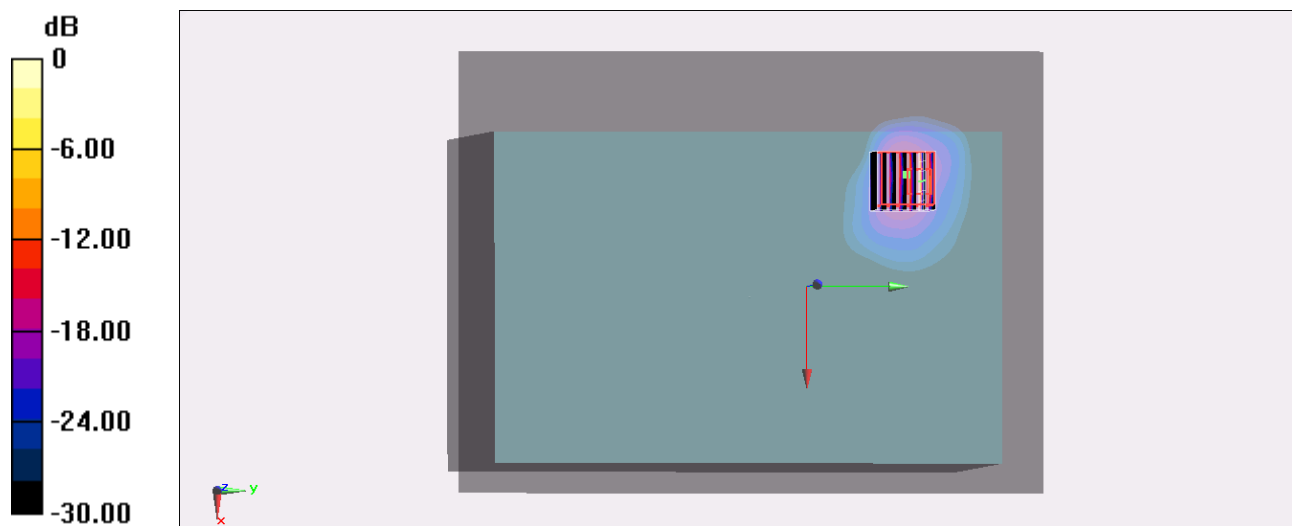
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.004 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 34.494 mW/g

**SAR(1 g) = 5.12 mW/g; SAR(10 g) = 0.988 mW/g**

Maximum value of SAR (measured) = 20.3 mW/g



0 dB = 20.3 mW/g = 26.15 dB mW/g

### #52\_WLAN5GHz\_802.11a 6Mbps\_Positioning 3\_0cm\_Ch52;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.359$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch52/Area Scan (181x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.239 W/kg

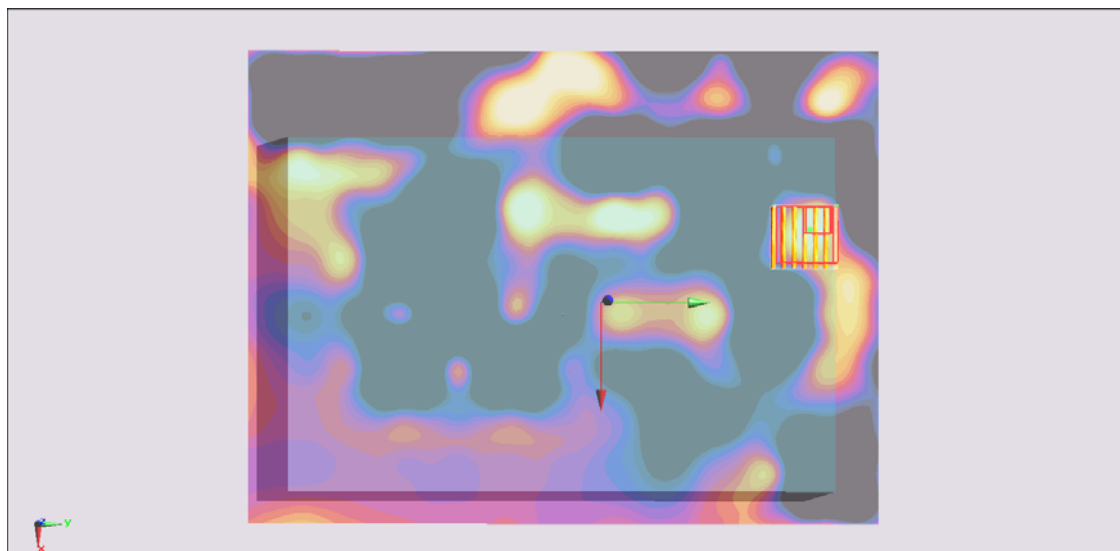
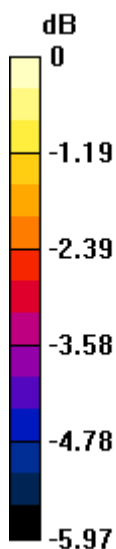
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.122 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.133 W/kg**

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

### #60\_WLAN5GHz\_802.11a 6Mbps\_Positioning 4\_0cm\_Ch52;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: HSL\_5G\_130616 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.862$  mho/m;  $\epsilon_r = 35.403$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.63, 4.63, 4.63); 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/Ch52/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0588 mW/g

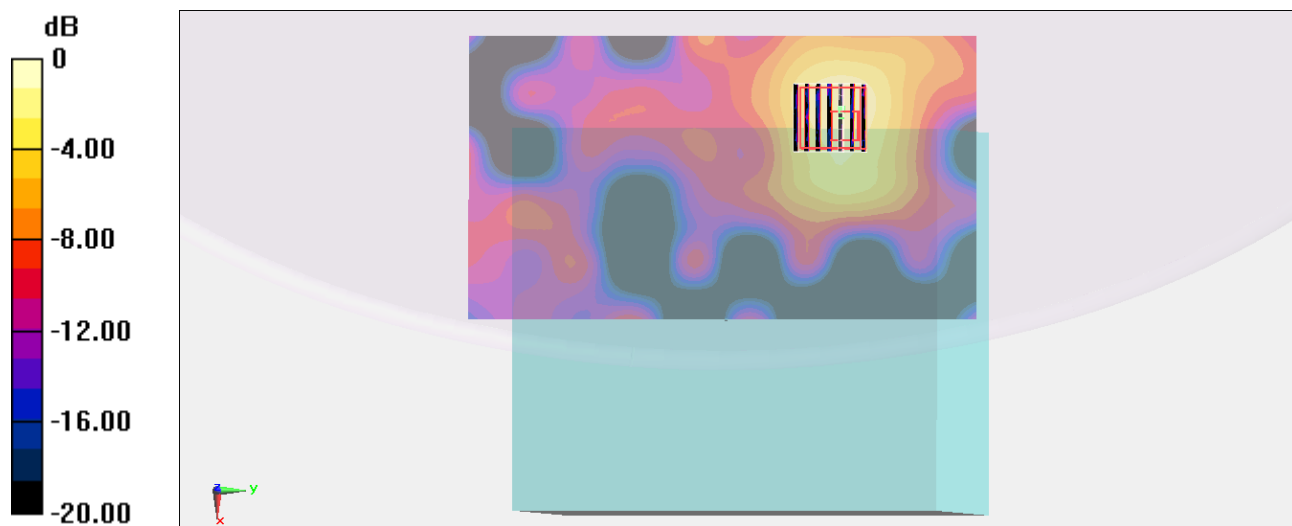
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.214 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.126 mW/g

**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.0803 mW/g



0 dB = 0.0803 mW/g = -21.91 dB mW/g

### #57\_WLAN5GHz\_802.11a 6Mbps\_Positioning 5\_0cm\_Ch52;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.312$  S/m;  $\epsilon_r = 47.359$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); 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/Ch52/Area Scan (181x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.12 W/kg

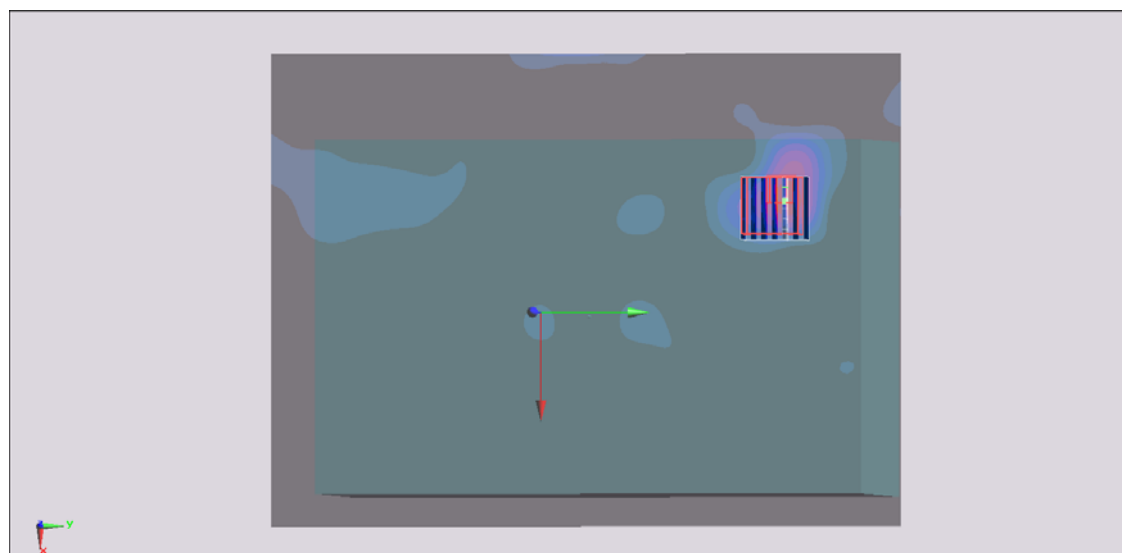
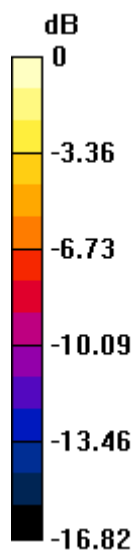
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 39.653 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 2.4 W/kg; SAR(10 g) = 0.583 W/kg**

Maximum value of SAR (measured) = 6.95 W/kg



0 dB = 6.95 W/kg = 8.42 dBW/kg

**#54\_WLAN5GHz\_802.11a 6Mbps\_Positioning 3\_0cm\_Ch140;Ant 1**

**DUT: 361069**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.959$  S/m;  $\epsilon_r = 46.651$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); 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/Ch140/Area Scan (181x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.229 W/kg

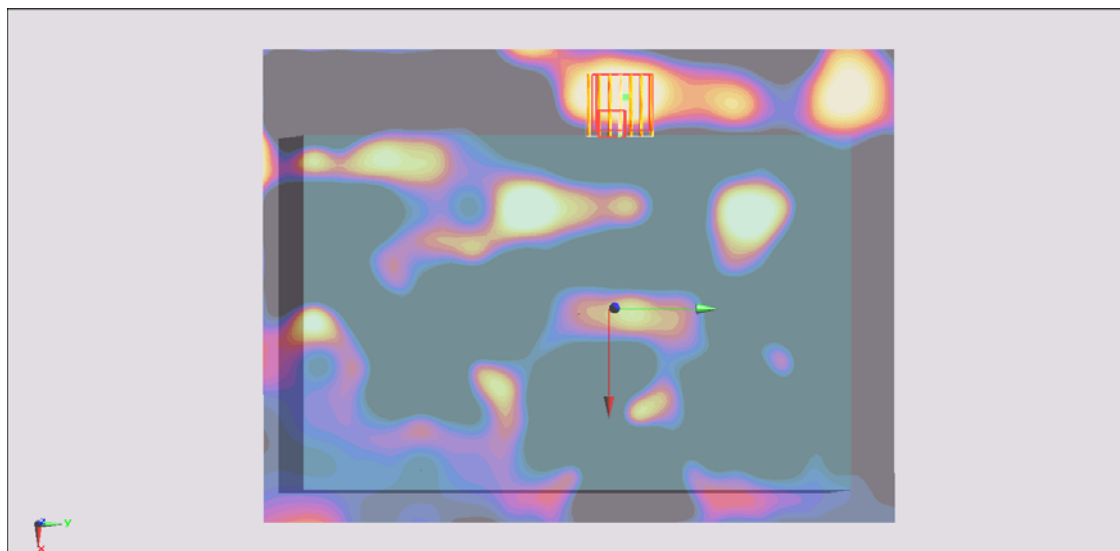
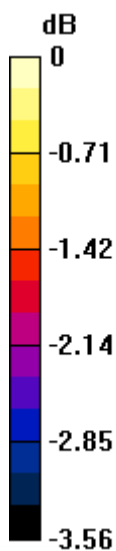
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.496 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.170 W/kg

**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.137 W/kg**

Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

## #61\_WLAN5GHz\_802.11a 6Mbps\_Positioning 4\_0cm\_Ch140;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_130616 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.305$  mho/m;  $\epsilon_r = 34.563$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.54, 4.54, 4.54); 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/Ch140/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0193 mW/g

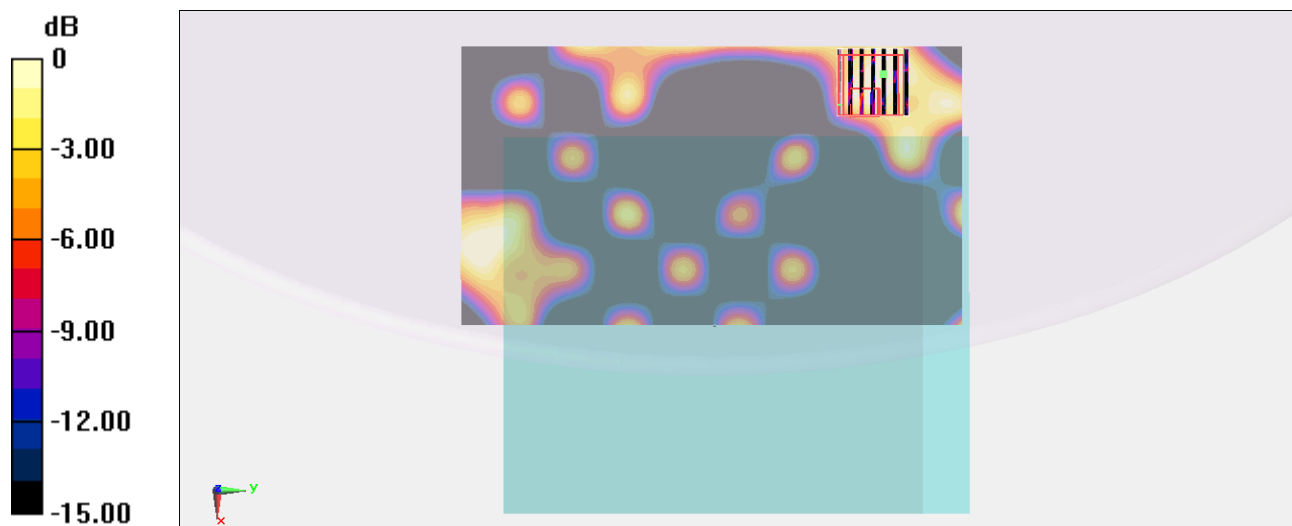
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
dz=1.4mm

Reference Value = 1.293 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.061 mW/g

**SAR(1 g) = 0.00384 mW/g; SAR(10 g) = 0.00166 mW/g**

Maximum value of SAR (measured) = 0.0157 mW/g



0 dB = 0.0157 mW/g = -36.08 dB mW/g

### #55\_WLAN5GHz\_802.11a 6Mbps\_Positioning 5\_0cm\_Ch140;Ant 1

**DUT: 361069**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130614 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.959$  S/m;  $\epsilon_r = 46.651$ ;  $\rho =$

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); 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/Ch140/Area Scan (181x241x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.335 W/kg

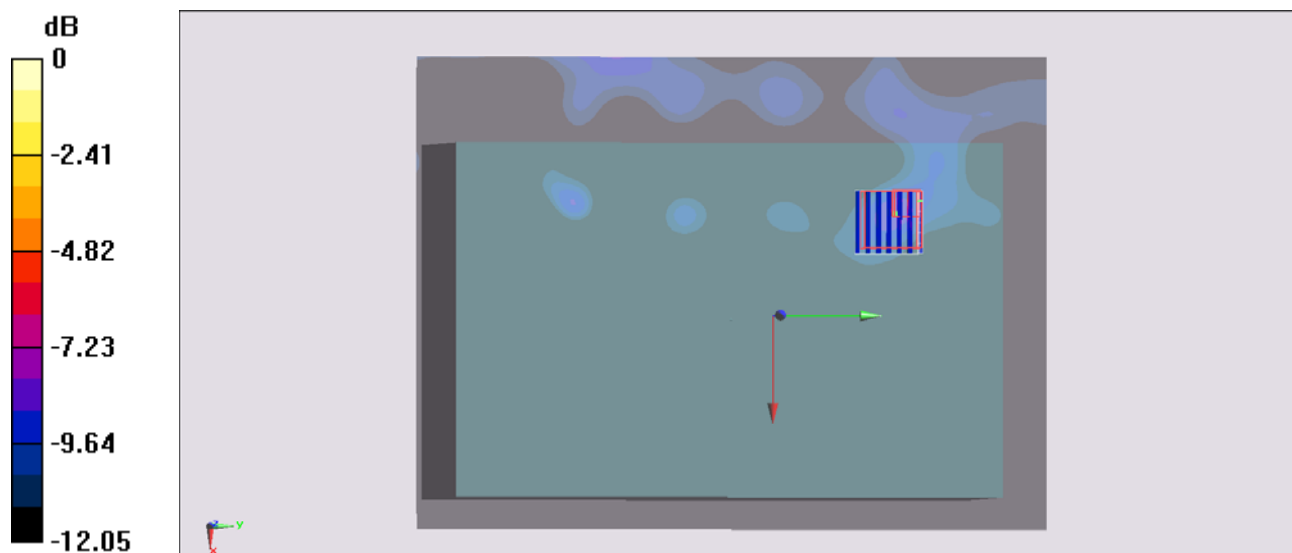
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.943 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg