

### #01\_WLAN2.4GHz\_802.11g 6Mbps\_Bottom Face\_0cm\_Ch6;Ant 0

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:1.054  
Medium: MSL\_2450\_140126 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.914$  S/m;  $\epsilon_r = 53.624$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch6/Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 2.01 W/kg

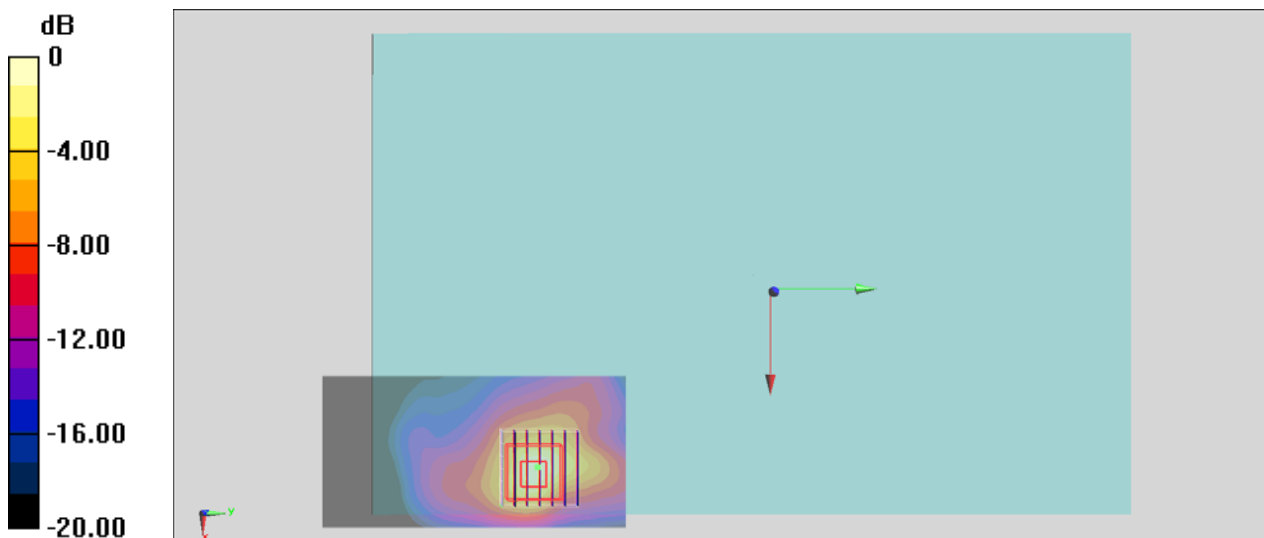
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.917 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.90 W/kg

**SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.564 W/kg**

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

### #02\_WLAN2.4GHz\_802.11g 6Mbps\_Bottom Face\_0cm\_Ch6;Ant 1

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:1.053  
Medium: MSL\_2450\_140127 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 52.519$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(7.42, 7.42, 7.42); Calibrated: 2013/11/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch6/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 2.16 W/kg

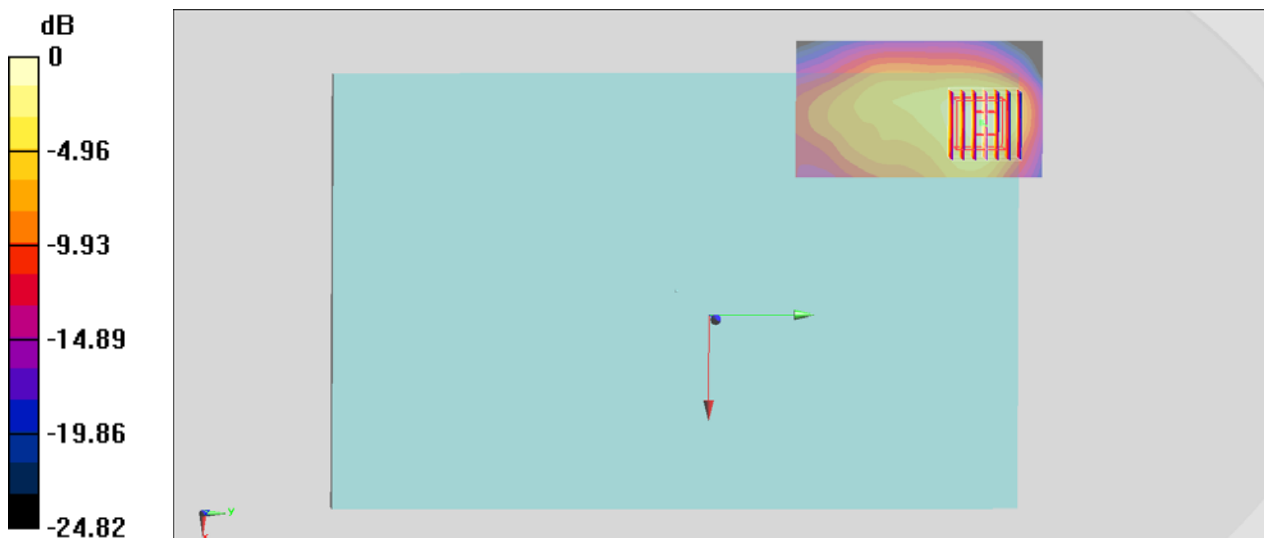
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.661 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.83 W/kg

**SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.639 W/kg**

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

### #03\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch165;Ant 0

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.052

Medium: MSL\_5G\_140103 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.153$  S/m;  $\epsilon_r = 47.051$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch165/Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.11 W/kg

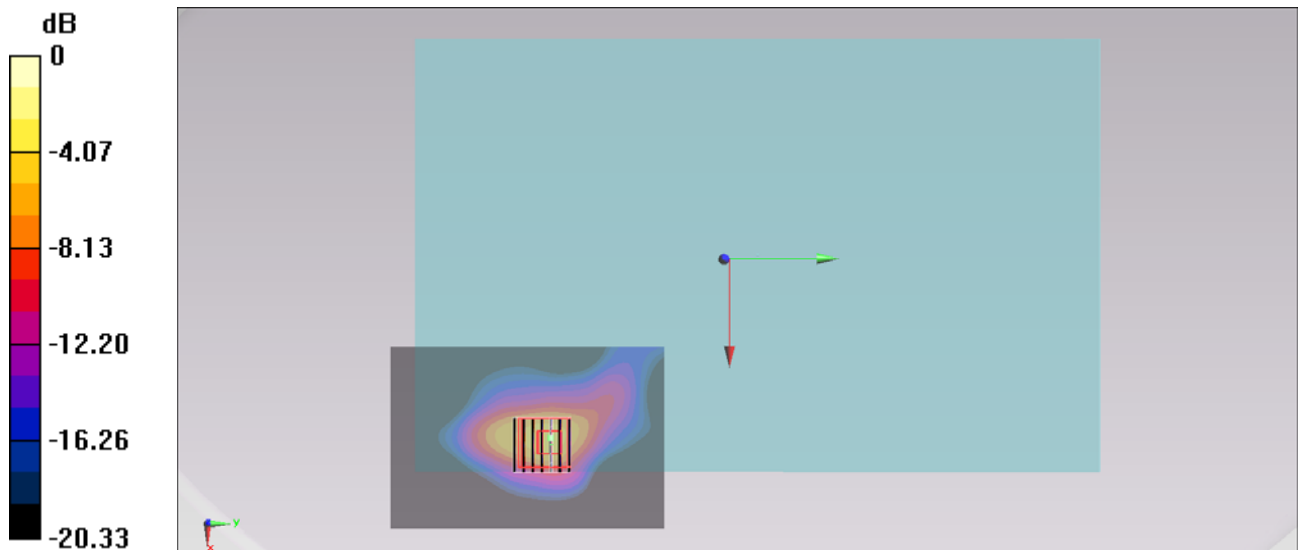
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.362 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.09 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.266 W/kg**

Maximum value of SAR (measured) = 2.82 W/kg



0 dB = 2.82 W/kg = 4.50 dBW/kg

### #04\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch161;Ant 1

Communication System: 802.11a ; Frequency: 5805 MHz;Duty Cycle: 1:1.052  
Medium: MSL\_5G\_140121 Medium parameters used :  $f = 5805$  MHz;  $\sigma = 6.166$  S/m;  $\epsilon_r = 46.461$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.09, 4.09, 4.09); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch161/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.59 W/kg

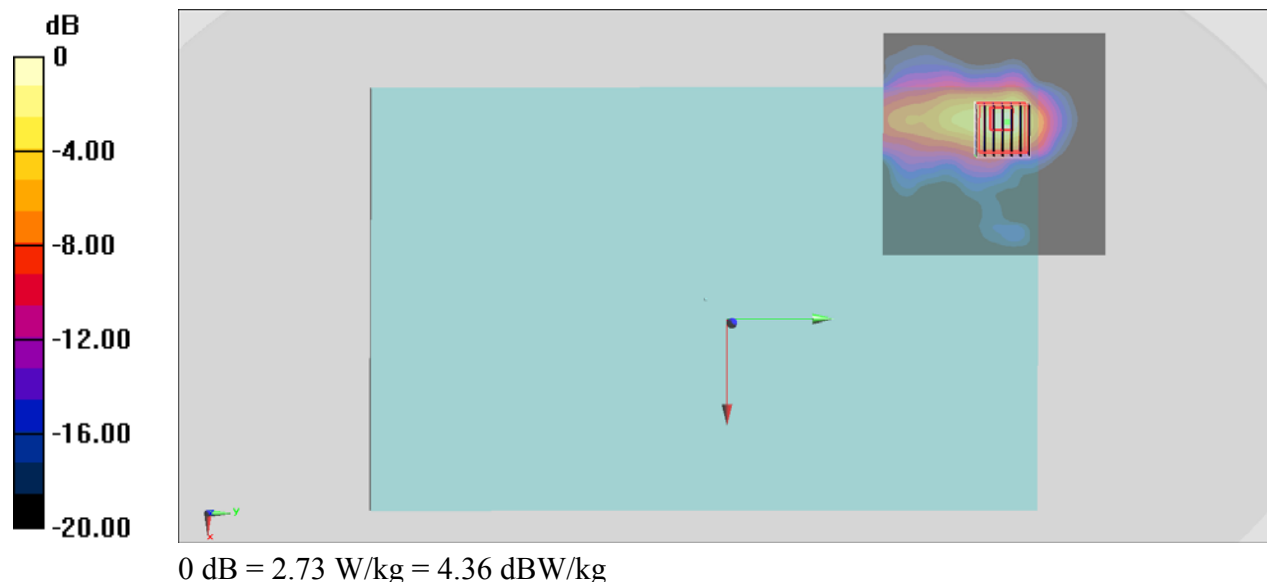
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.357 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.65 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 2.73 W/kg



**#05\_WLAN5GHz\_802.11a\_6Mbps\_Bottom Face\_0cm\_Ch48;Ant 0**

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1.052

Medium: MSL\_5G\_140103 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.339$  S/m;  $\epsilon_r = 48.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch48/Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.757 W/kg

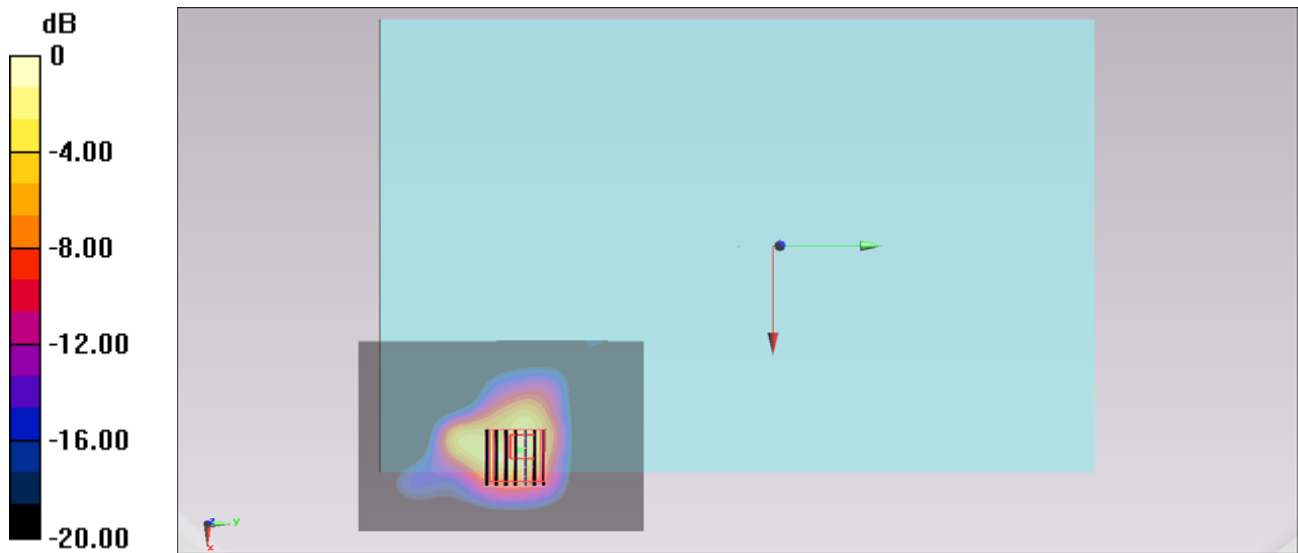
**Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.630 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

## #06\_WLAN5GHz\_802.11a\_6Mbps\_Bottom Face\_0cm\_Ch52;Ant 0

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.052

Medium: MSL\_5G\_140103 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 5.367$  S/m;  $\epsilon_r = 48.431$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.73 W/kg

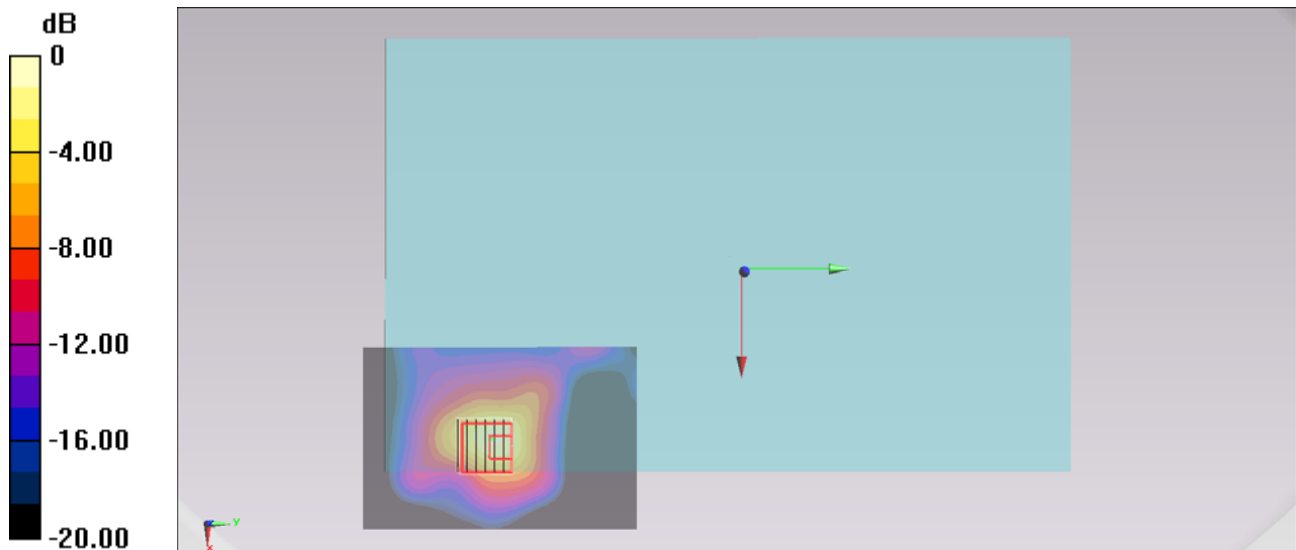
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.424 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.64 W/kg

**SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.230 W/kg**

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

### #07\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch108;Ant 0

Communication System: 802.11a ; Frequency: 5540 MHz;Duty Cycle: 1:1.052

Medium: MSL\_5G\_140125 Medium parameters used :  $f = 5540$  MHz;  $\sigma = 5.752$  S/m;  $\epsilon_r = 46.899$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.04, 4.04, 4.04); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch108/Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.32 W/kg

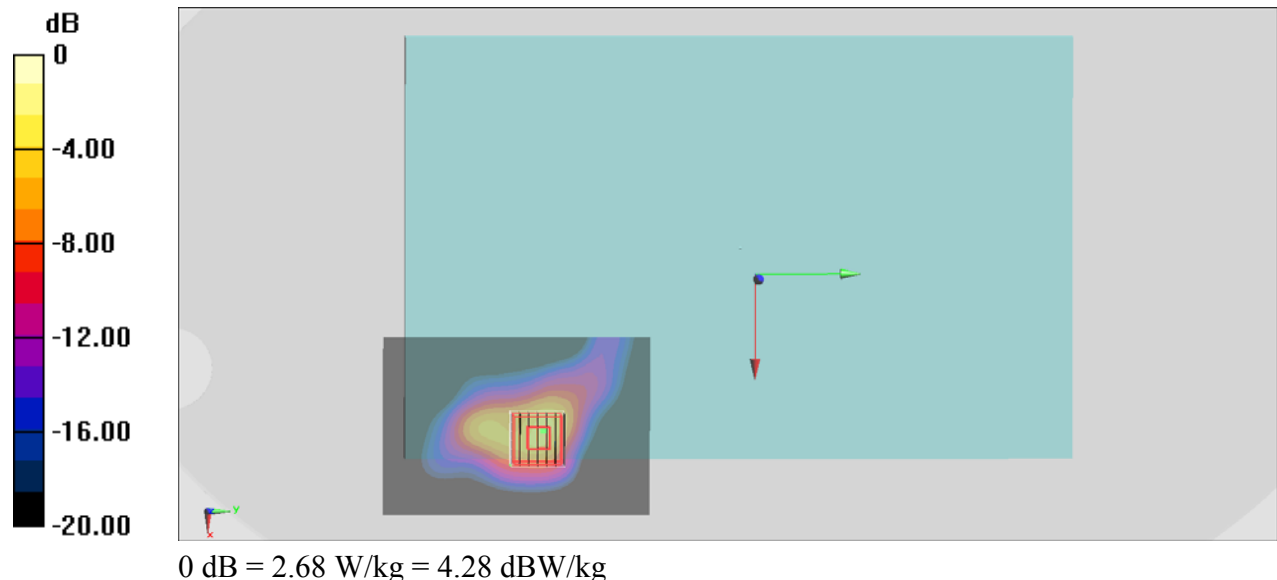
**Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.668 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.47 W/kg

**SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.281 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



### #08\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch48;Ant 1

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1.052  
Medium: MSL\_5G\_140121 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.295$  S/m;  $\epsilon_r = 47.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.61, 4.61, 4.61); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch48/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

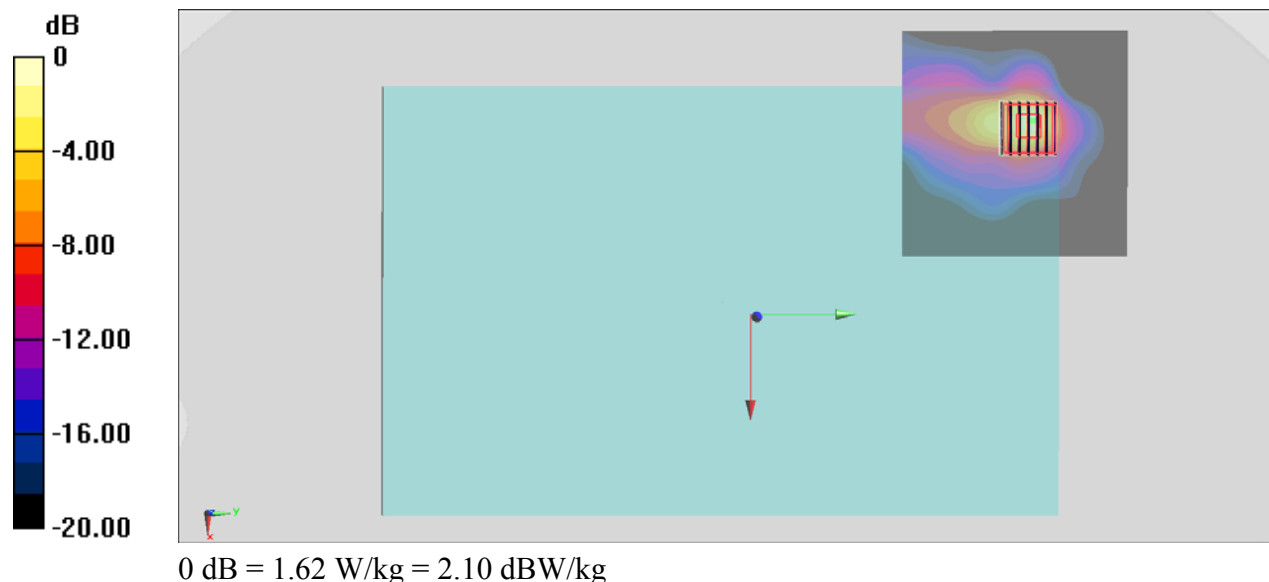
**Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.001 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.68 W/kg

**SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.221 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg





### #09\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch52;Ant 1

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.052  
Medium: MSL\_5G\_140121 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.322$  S/m;  $\epsilon_r = 47.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(4.18, 4.18, 4.18); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.60 W/kg

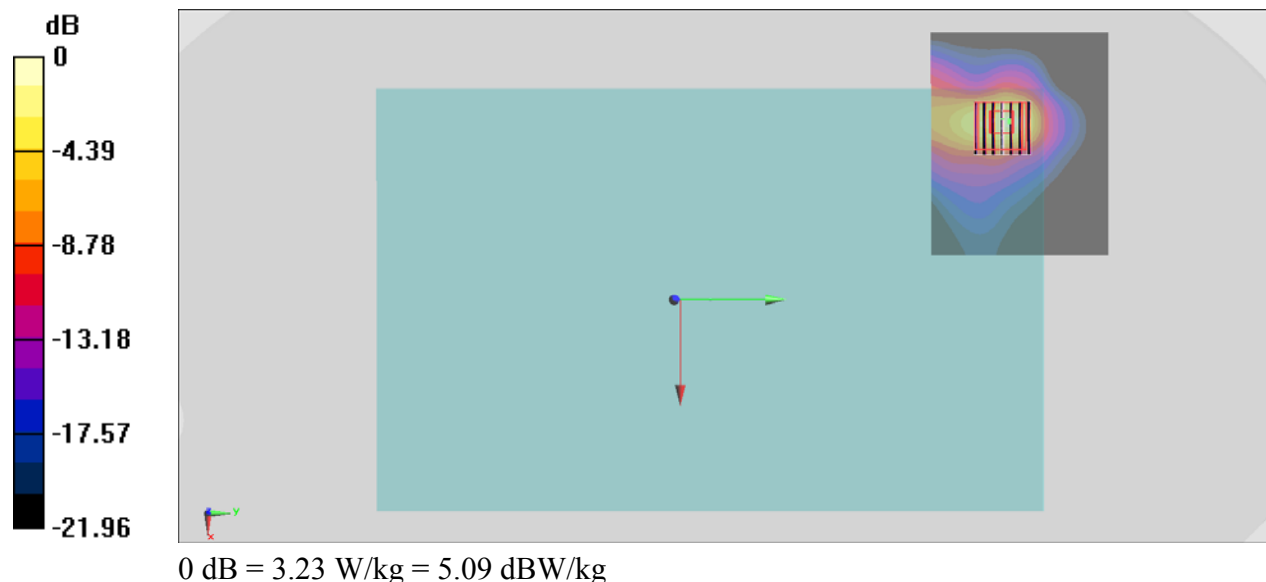
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 27.104 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.08 W/kg

**SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.441 W/kg**

Maximum value of SAR (measured) = 3.23 W/kg



### #10\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch120;Ant 1

Communication System: 802.11a ; Frequency: 5600 MHz;Duty Cycle: 1:1.052  
Medium: MSL\_5G\_140121 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.8$  S/m;  $\epsilon_r = 46.785$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(3.69, 3.69, 3.69); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/11/5
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch120/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

**Configuration/Ch120/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.692 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.42 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.326 W/kg**

Maximum value of SAR (measured) = 2.51 W/kg

