

### #01\_GSM850\_GPRS (2 Tx slots)\_Bottom - Slant of Edge 2\_1.3cm\_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_850\_130909 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.009$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); 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/Ch251/Area Scan (81x51x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.48 mW/g

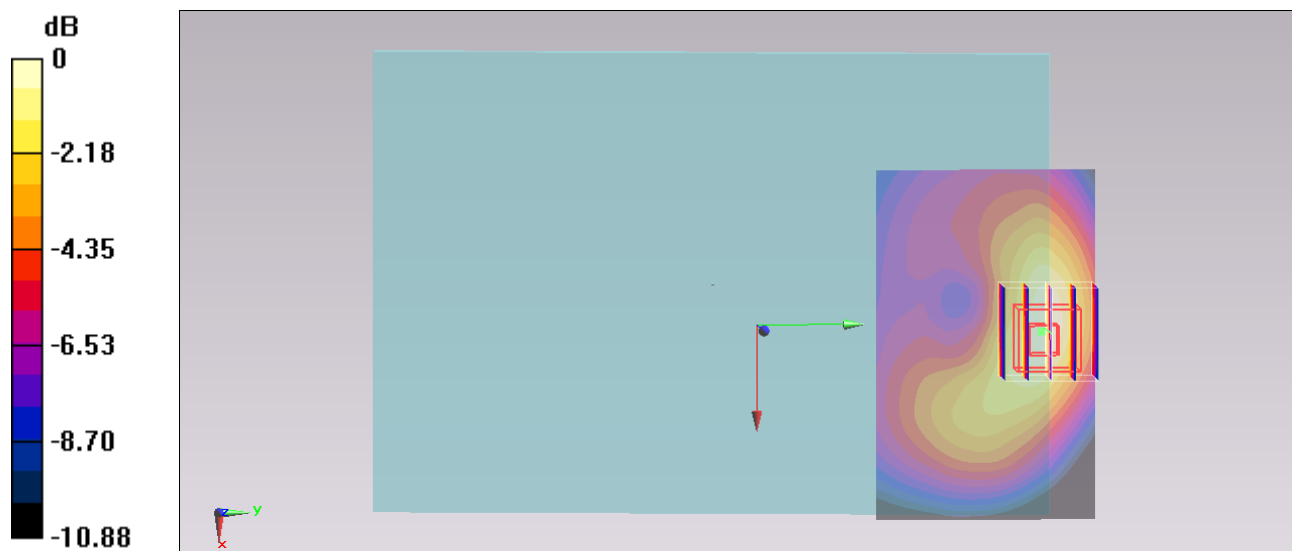
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.678 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.789 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.775 mW/g**

Maximum value of SAR (measured) = 1.50 mW/g



0 dB = 1.50 mW/g = 3.52 dB mW/g

## #02\_GSM1900\_GPRS (2 Tx slots)\_Bottom - Slant of Edge 2\_0cm\_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium: MSL\_1900\_130912 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.536$  mho/m;  $\epsilon_r = 52.764$ ;  $\rho$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch810/Area Scan (81x51x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.38 mW/g

**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.533 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.071 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.563 mW/g**

Maximum value of SAR (measured) = 1.42 mW/g

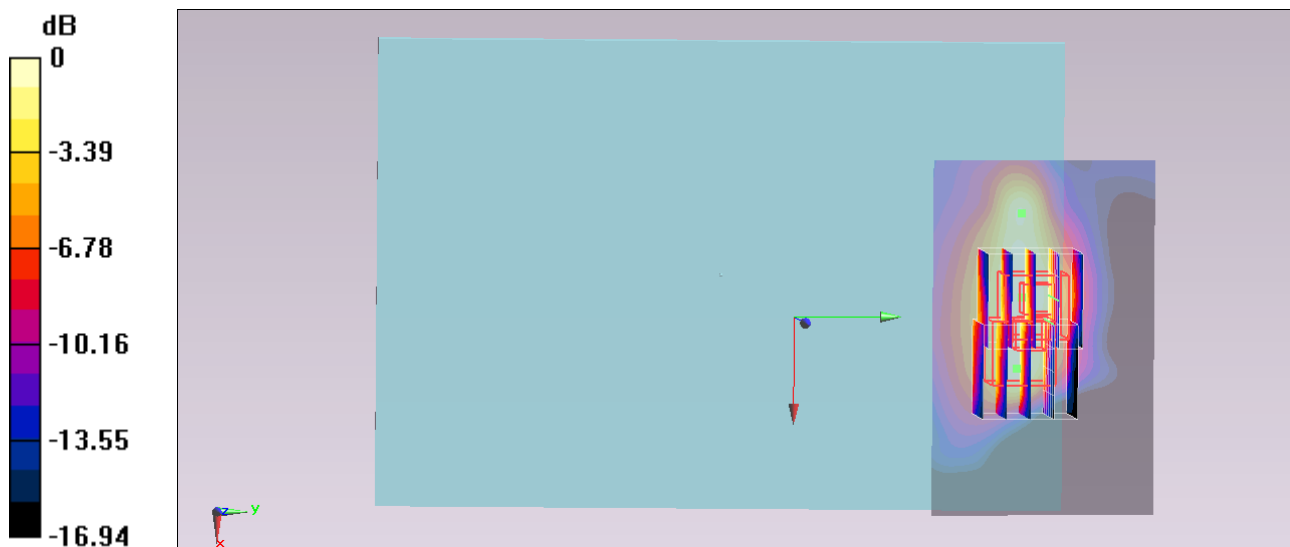
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.533 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.708 mW/g

**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.448 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31 mW/g = 2.35 dB mW/g

### #03\_WCDMA V\_RMC 12.2Kbps\_Bottom - Slant of Edge 2\_0cm\_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_130909 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.986$  mho/m;  $\epsilon_r = 54.958$ ;  $\rho$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); 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/Ch4132/Area Scan (81x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

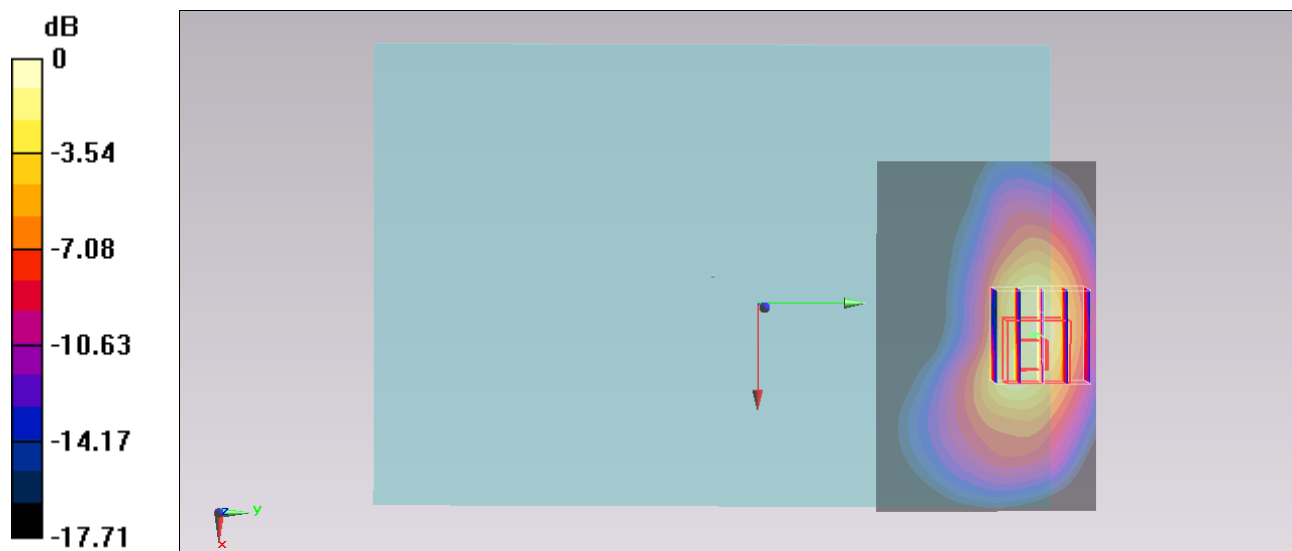
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.266 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.307 mW/g

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.561 mW/g**

Maximum value of SAR (measured) = 1.61 mW/g



0 dB = 1.61 mW/g = 4.14 dB mW/g

### #04\_WCDMA II\_RMC 12.2Kbps\_Bottom - Slant of Edge 2\_0cm\_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130912 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 52.774$ ;  $\rho$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (81x51x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.91 mW/g

**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.991 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.203 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.581 mW/g**

Maximum value of SAR (measured) = 1.75 mW/g

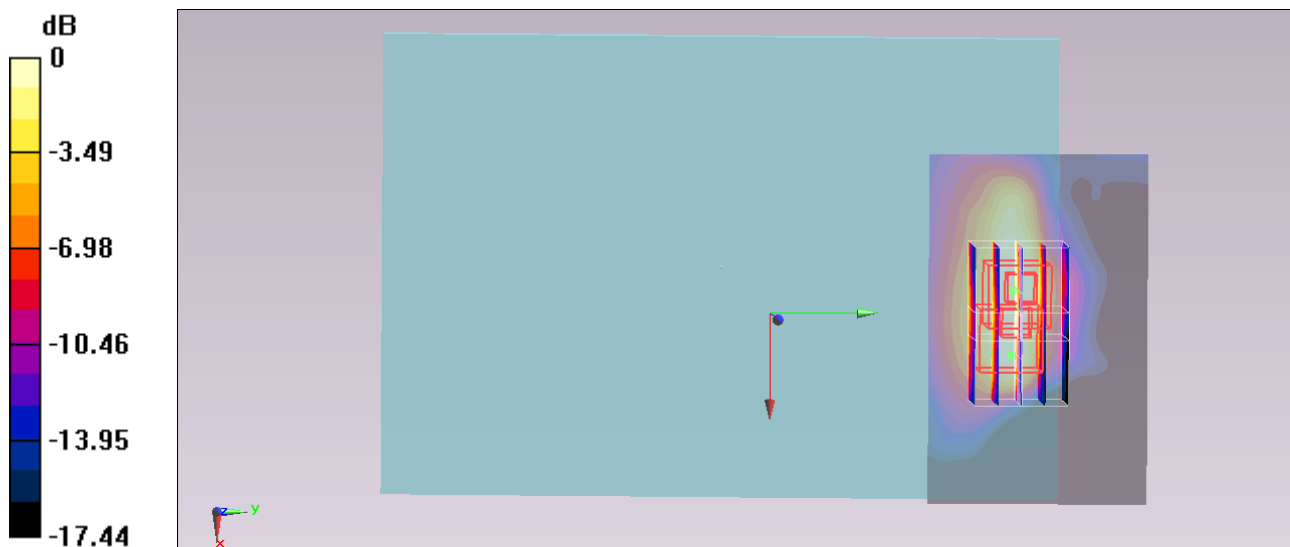
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.991 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.786 mW/g

**SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49 mW/g = 3.46 dB mW/g

### #05\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Bottom - Slant of Edge 2\_0cm\_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130911 Medium parameters used:  $f = 782$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 54.613$ ;  $\rho =$

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(8.86, 8.86, 8.86); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23230/Area Scan (81x51x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.29 mW/g

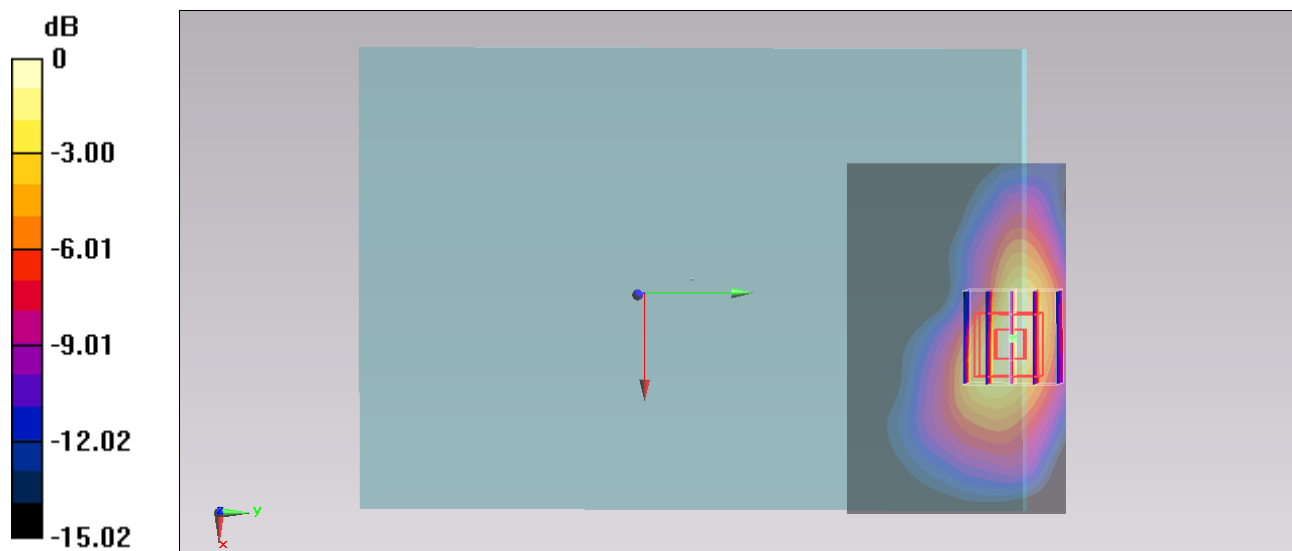
**Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.124 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.977 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.533 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47 mW/g = 3.35 dB mW/g

### #06\_LTE Band 4\_20M\_QPSK\_50RB\_0Offset\_Bottom - Slant of Edge 2\_0cm\_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130911 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.489$  mho/m;  $\epsilon_r = 52.468$ ;

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

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

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (81x51x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.28 mW/g

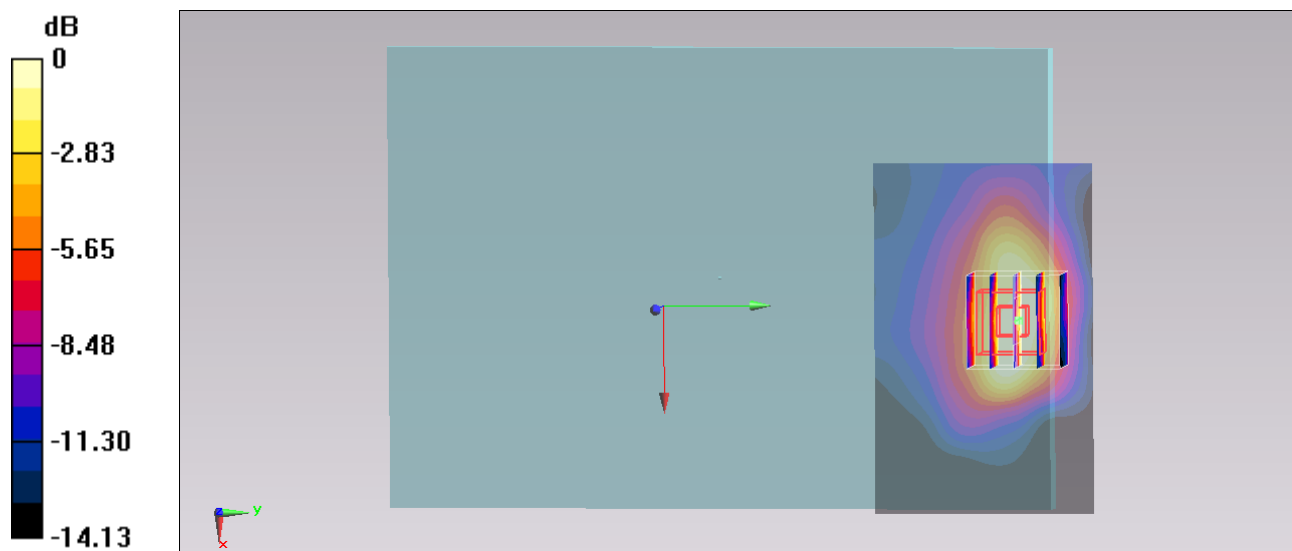
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.205 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.781 mW/g

**SAR(1 g) = 1.037 mW/g; SAR(10 g) = 0.570 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21 mW/g = 1.66 dB mW/g

### #07\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom - Slant of Edge 1\_0cm\_Ch1;Ant 1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 53.939$ ;  $\rho$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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/Ch1/Area Scan (61x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.93 mW/g

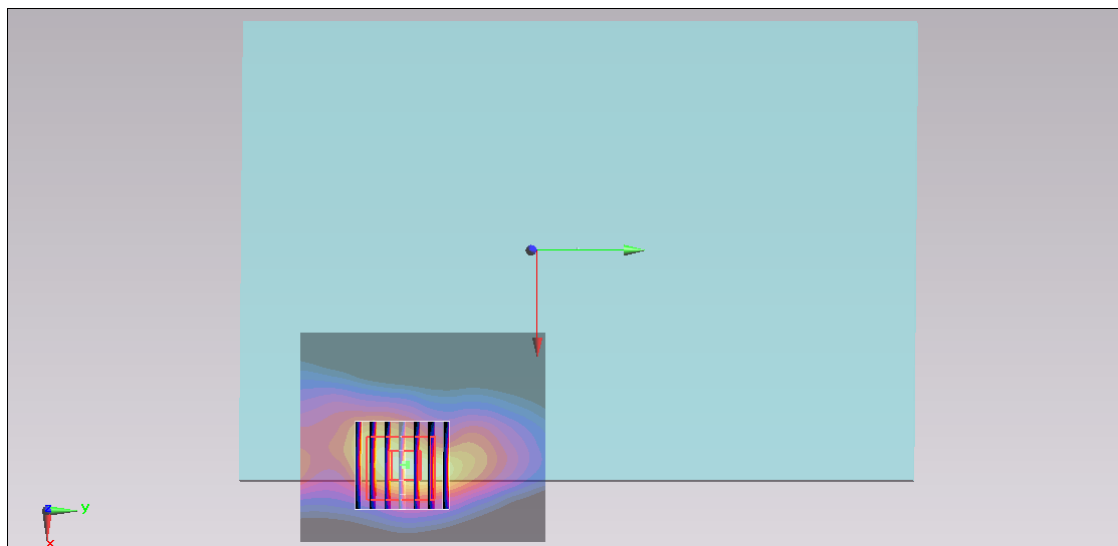
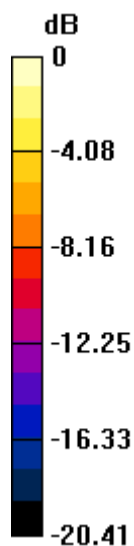
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.564 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.183 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.471 mW/g**

Maximum value of SAR (measured) = 2.20 mW/g



0 dB = 2.20 mW/g = 6.85 dB mW/g

### #08\_WLAN5GHz\_802.11a 6Mbps\_Bottom - Slant of Edge 4\_0cm\_Ch153;Ant 2

Communication System: 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130804 Medium parameters used :  $f = 5765$  MHz;  $\sigma = 6.074$  S/m;  $\epsilon_r = 47.29$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch153/Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 4.10 W/kg

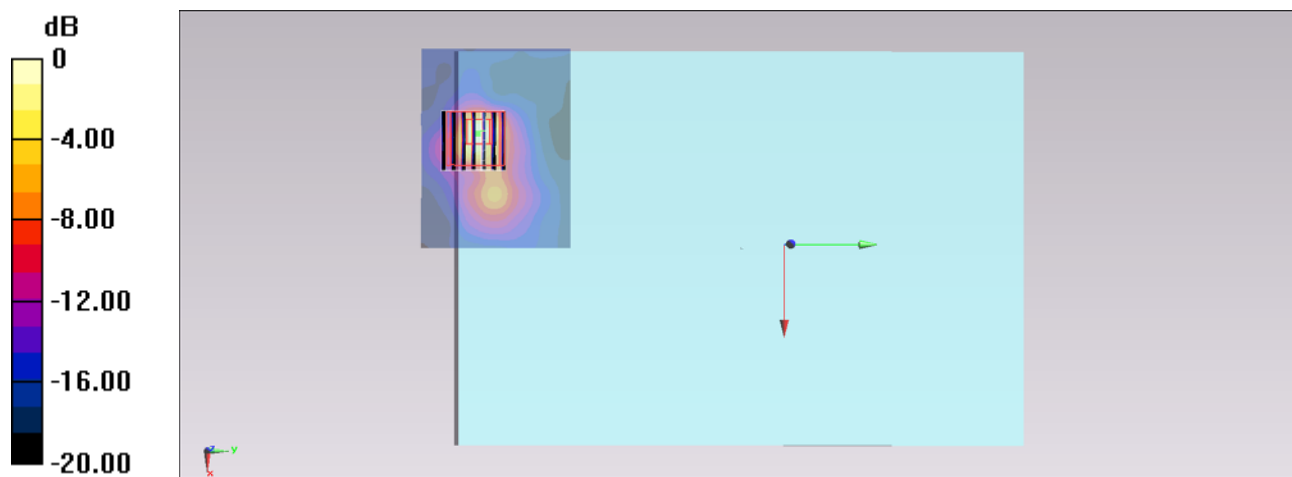
**Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.261 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.72 W/kg

**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.313 W/kg**

Maximum value of SAR (measured) = 3.35 W/kg



0 dB = 3.35 W/kg = 5.25 dBW/kg



### #09\_WLAN5GHz\_802.11a 6Mbps\_Bottom - Slant of Edge 4\_0cm\_Ch40;Ant 2

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.346$  S/m;  $\epsilon_r = 47.813$ ;  $\rho =$

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

Ambient Temperature :  $23.3$  °C; Liquid Temperature :  $22.3$  °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 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch40/Area Scan (81x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) =  $3.41$  W/kg

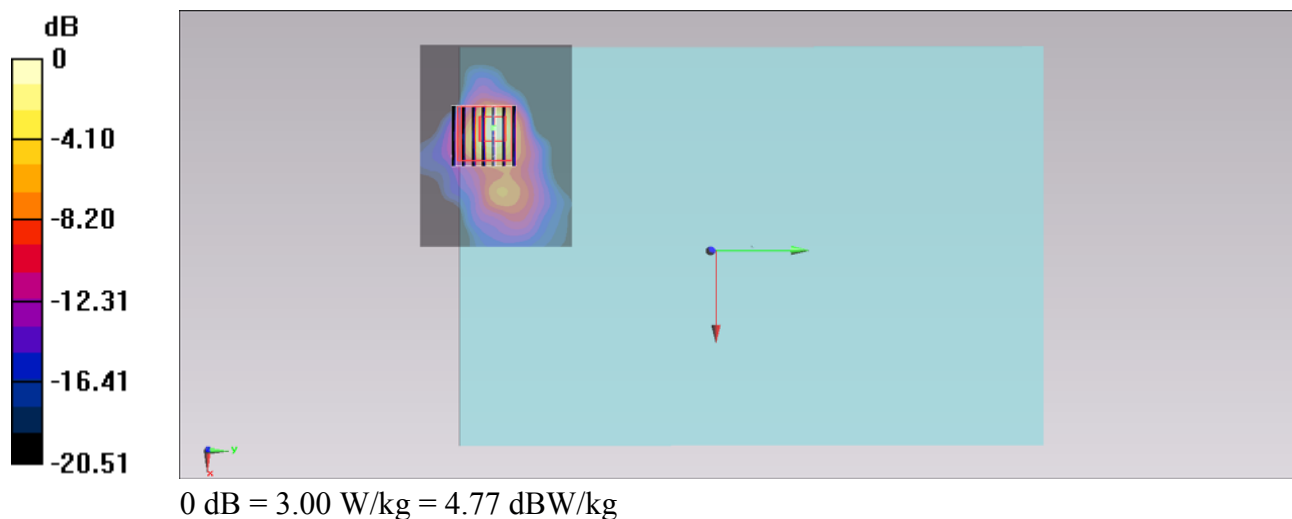
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $27.333$  V/m; Power Drift =  $-0.12$  dB

Peak SAR (extrapolated) =  $5.09$  W/kg

**SAR(1 g) =  $1.19$  W/kg; SAR(10 g) =  $0.300$  W/kg**

Maximum value of SAR (measured) =  $3.00$  W/kg



### #10\_WLAN5GHz\_802.11a 6Mbps\_Bottom - Slant of Edge 4\_0cm\_Ch60;Ant 2

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.47$  S/m;  $\epsilon_r = 47.643$ ;  $\rho =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °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 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch60/Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.63 W/kg

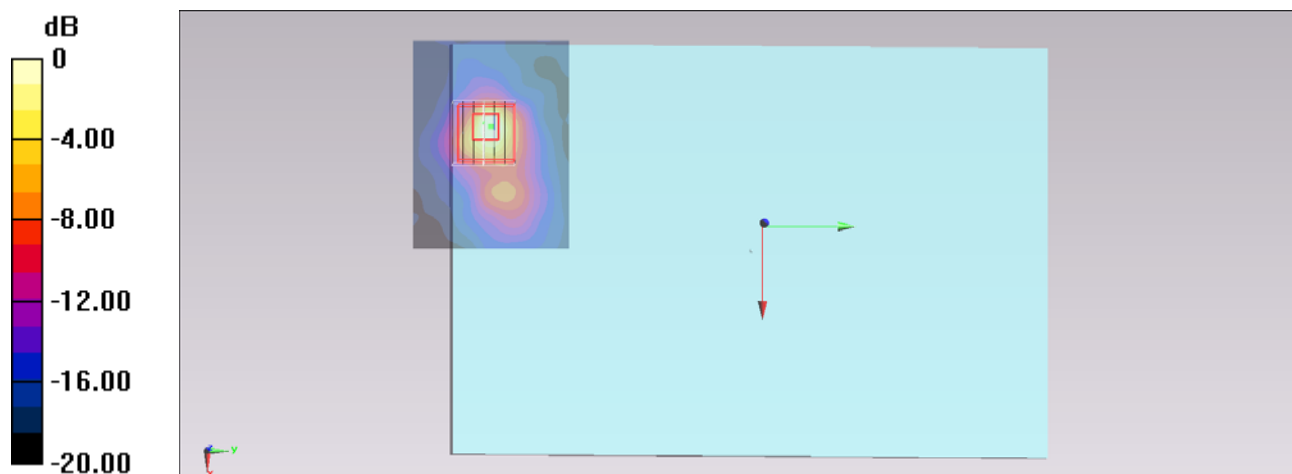
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.432 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.65 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.270 W/kg**

Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.92 W/kg = 4.65 dBW/kg

### #11\_WLAN5GHz\_802.11a 6Mbps\_Bottom - Slant of Edge 4\_0cm\_Ch116;Ant 2

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.827$  S/m;  $\epsilon_r = 47.205$ ;  $\rho =$

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

Ambient Temperature :  $23.3$  °C; Liquid Temperature :  $22.3$  °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 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch116/Area Scan (81x61x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm  
Maximum value of SAR (interpolated) =  $3.80$  W/kg

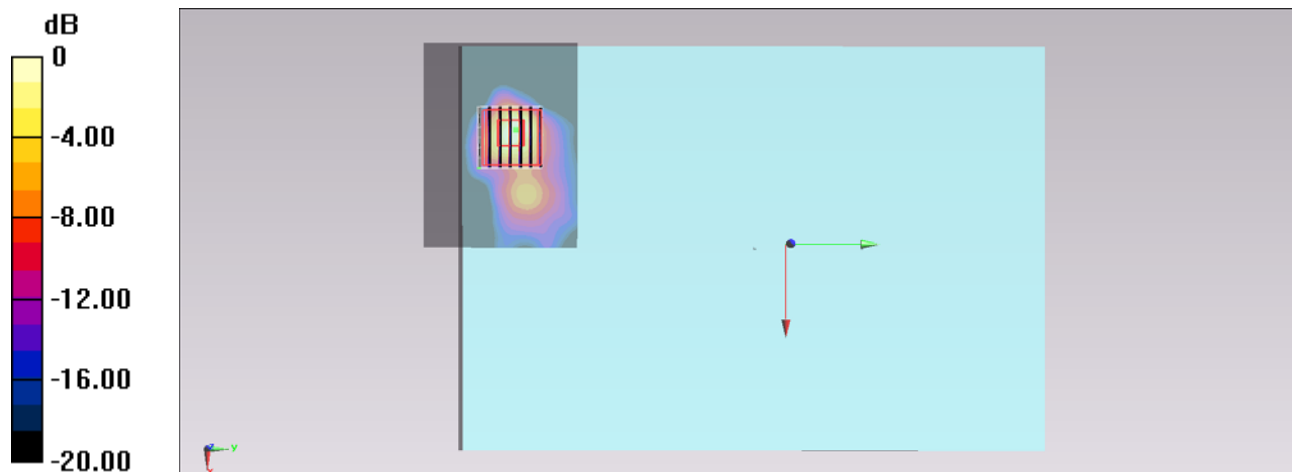
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value =  $15.869$  V/m; Power Drift =  $-0.09$  dB

Peak SAR (extrapolated) =  $5.69$  W/kg

**SAR(1 g) =  $1.28$  W/kg; SAR(10 g) =  $0.303$  W/kg**

Maximum value of SAR (measured) =  $3.42$  W/kg



0 dB =  $3.42$  W/kg =  $5.34$  dBW/kg