

## #78\_GSM850\_GPRS (2 Tx slots)\_Bottom Face 0cm\_Ch189

**DUT: 330705**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130321 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 55.382$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch189/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.243 mW/g

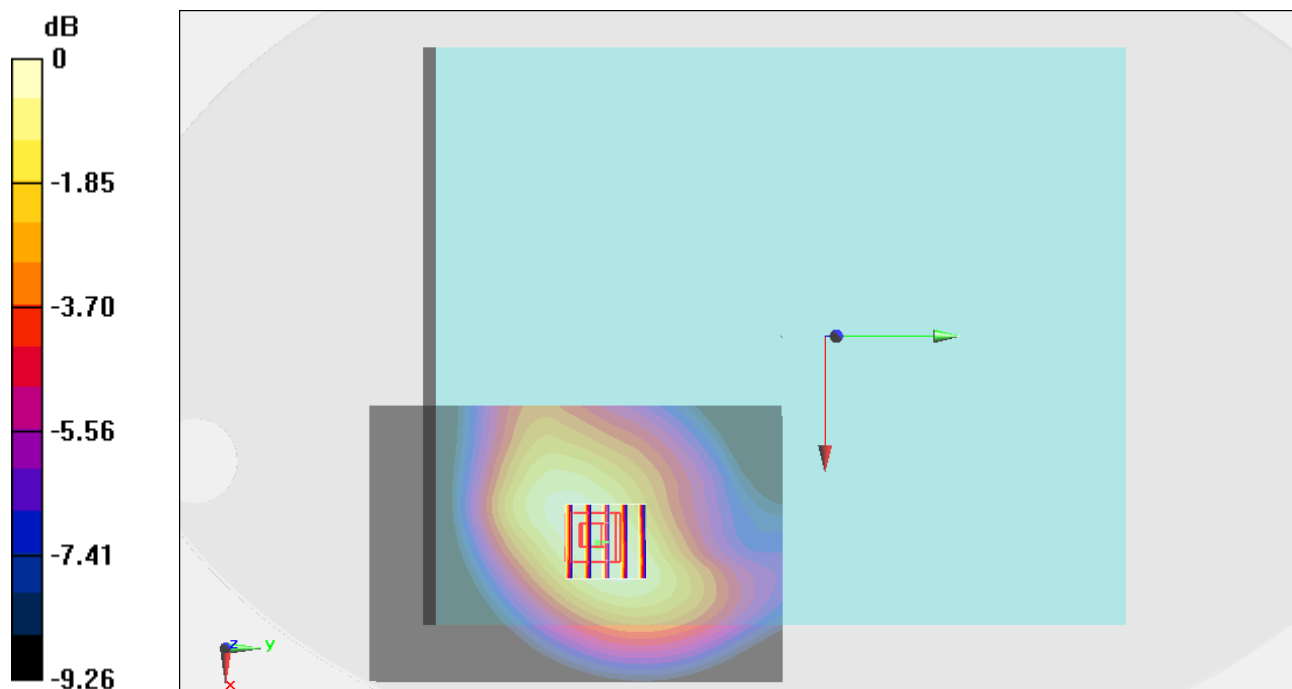
**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.434 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.303 mW/g

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246 mW/g = -12.18 dB mW/g

## #79\_GSM850\_GPRS (2 Tx slots)\_Edge1\_0cm\_Ch189

**DUT: 330705**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130321 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 55.382$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch189/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.814 mW/g

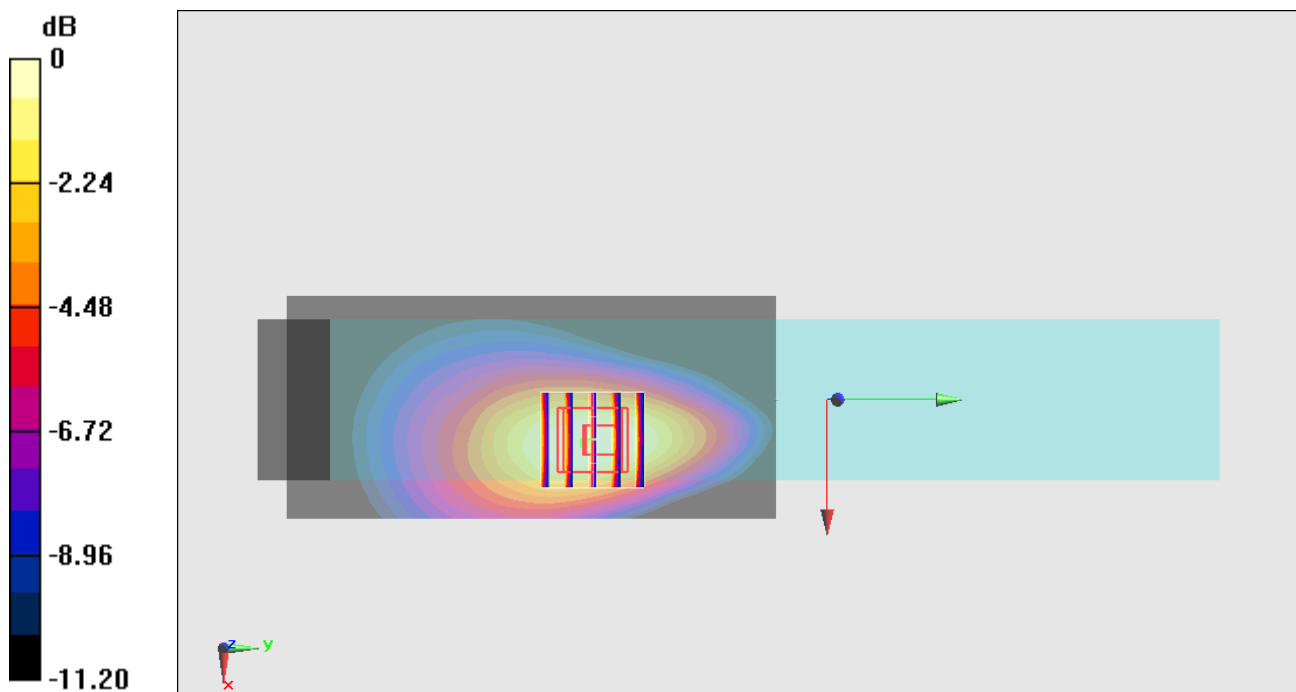
**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.959 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.084 mW/g

**SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.464 mW/g**

Maximum value of SAR (measured) = 0.784 mW/g



0 dB = 0.784 mW/g = -2.11 dB mW/g

## #80\_GSM850\_GPRS (2 Tx slots)\_Edge1\_0cm\_Ch128

**DUT: 330705**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130321 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 55.449$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch128/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.910 mW/g

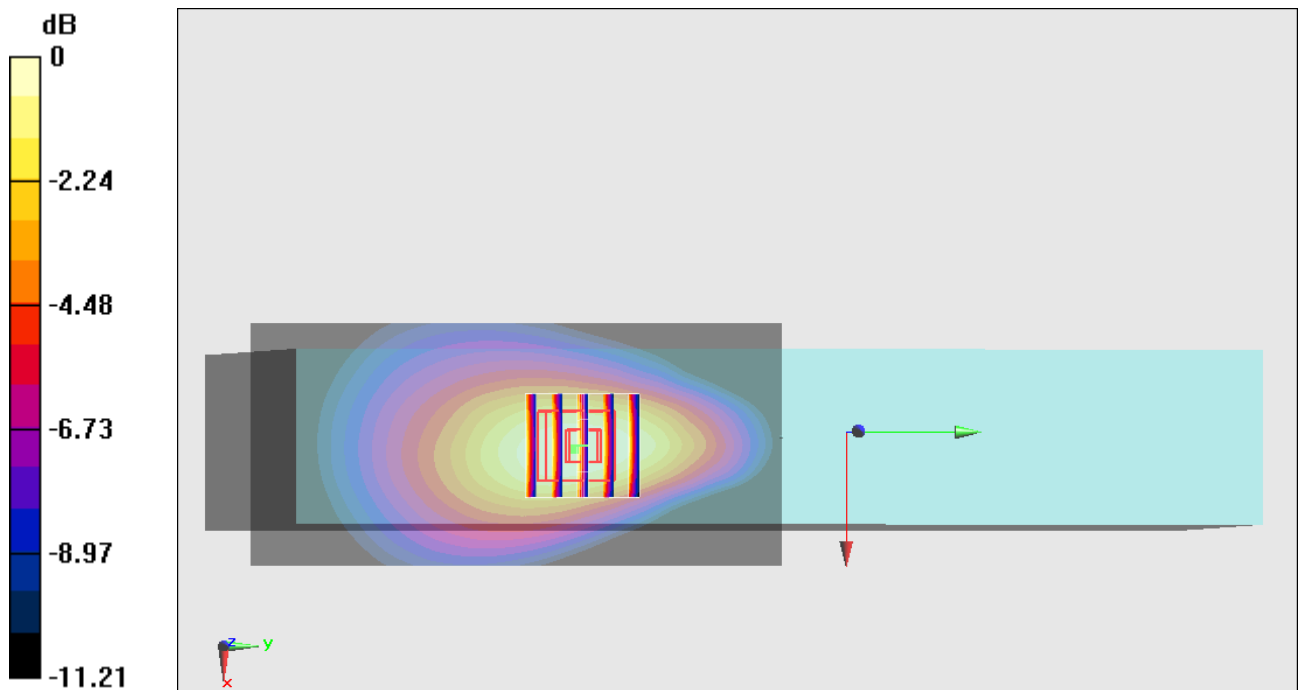
**Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.661 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.147 mW/g

**SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.508 mW/g**

Maximum value of SAR (measured) = 0.852 mW/g



0 dB = 0.852 mW/g = -1.39 dB mW/g

## #81\_GSM850\_GPRS (2 Tx slots)\_Edge1\_0cm\_Ch251

**DUT: 330705**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130321 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 55.298$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.00 mW/g

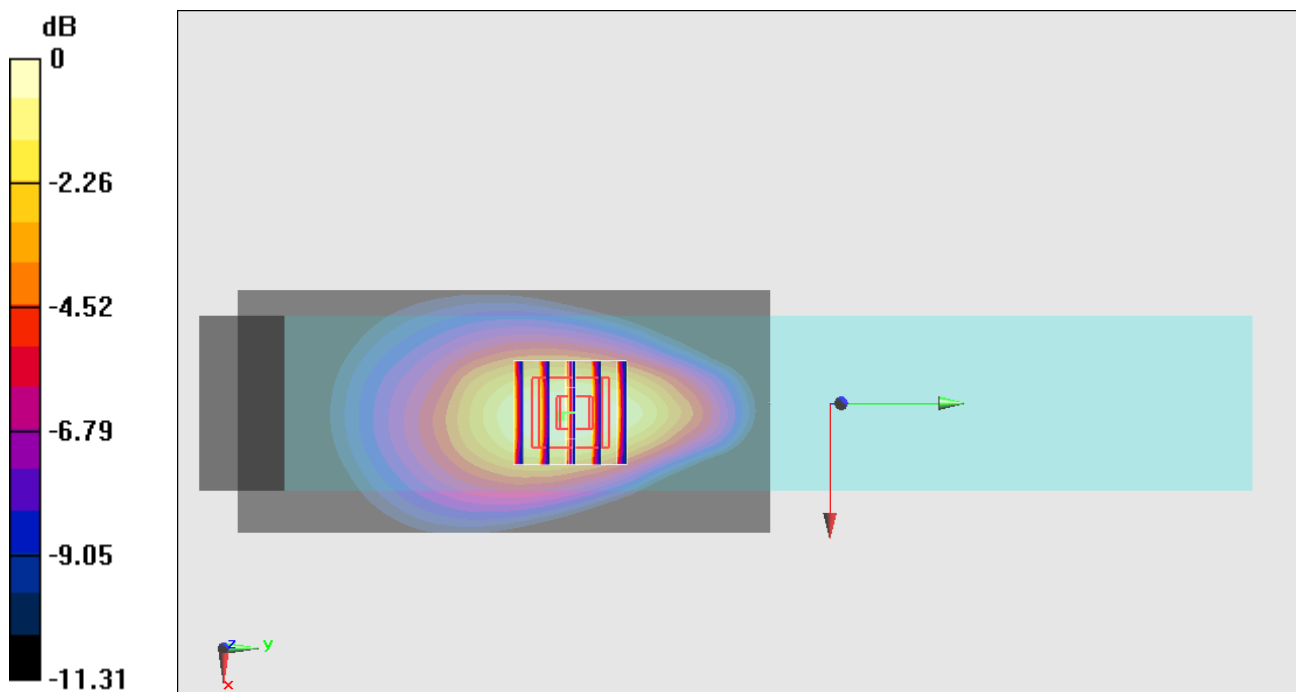
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.633 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.311 mW/g

**SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 0.954 mW/g



0 dB = 0.954 mW/g = -0.41 dB mW/g

## #82\_GSM850\_GPRS (2 Tx slots)\_Edge1\_0cm\_Ch251;Repeat

**DUT: 330705**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130321 Medium parameters used:  $f = 849$  MHz;  $\sigma = 1.01$  mho/m;  $\epsilon_r = 55.298$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch251/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.996 mW/g

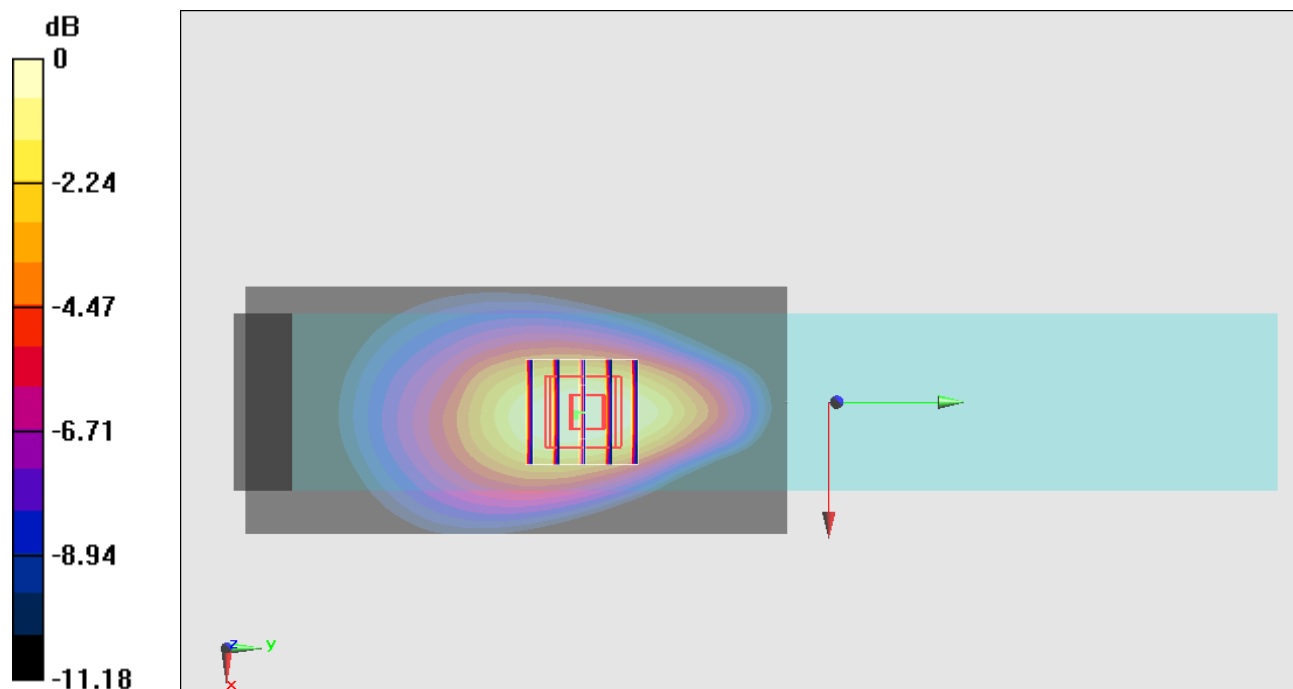
**Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.704 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.300 mW/g

**SAR(1 g) = 0.871 mW/g; SAR(10 g) = 0.556 mW/g**

Maximum value of SAR (measured) = 0.939 mW/g



0 dB = 0.939 mW/g = -0.55 dB mW/g

### #83\_GSM850\_GPRS (2 Tx slots)\_Edge4\_0cm\_Ch189

**DUT: 330705**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_130321 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.998$  mho/m;  $\epsilon_r = 55.382$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch189/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.0787 mW/g

**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.286 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.099 mW/g

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.0806 mW/g

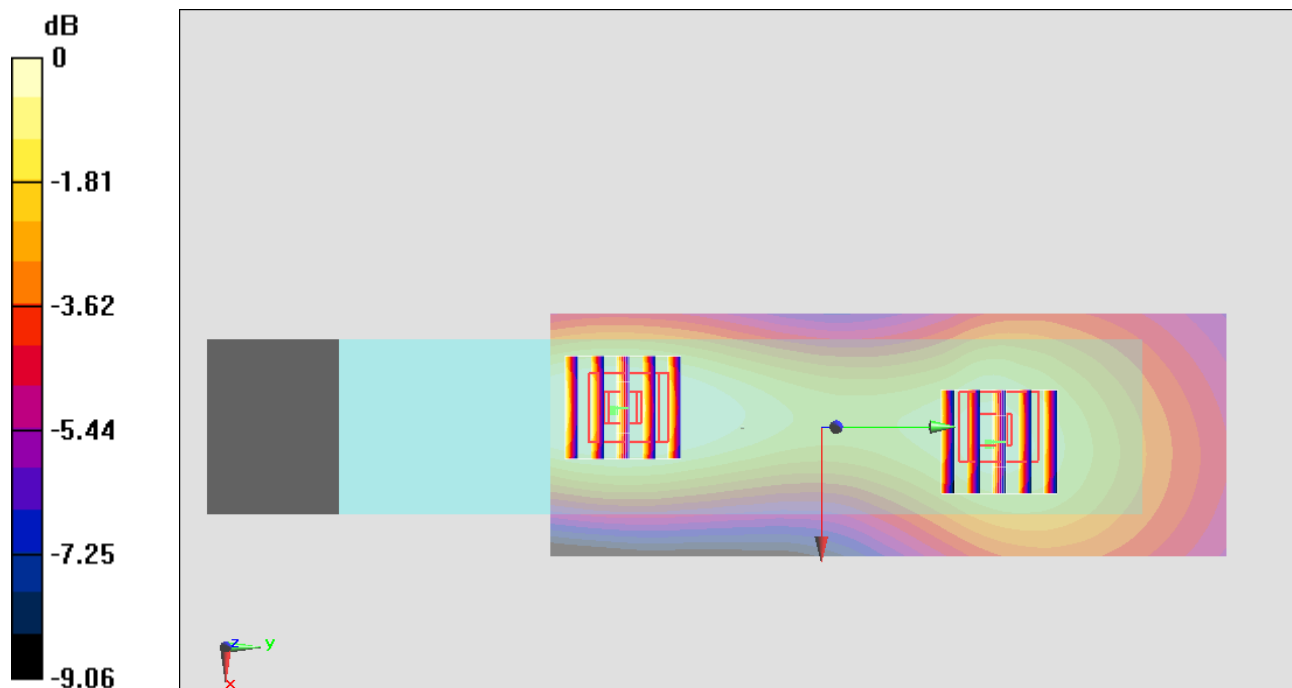
**Configuration/Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.286 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.086 mW/g

**SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.0673 mW/g



0 dB = 0.0673 mW/g = -23.44 dB mW/g

### #89\_GSM1900\_GPRS (2 Tx slots)\_Bottom Face\_0cm\_Ch661

**DUT: 330705**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130321 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 54.634$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch661/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.128 mW/g

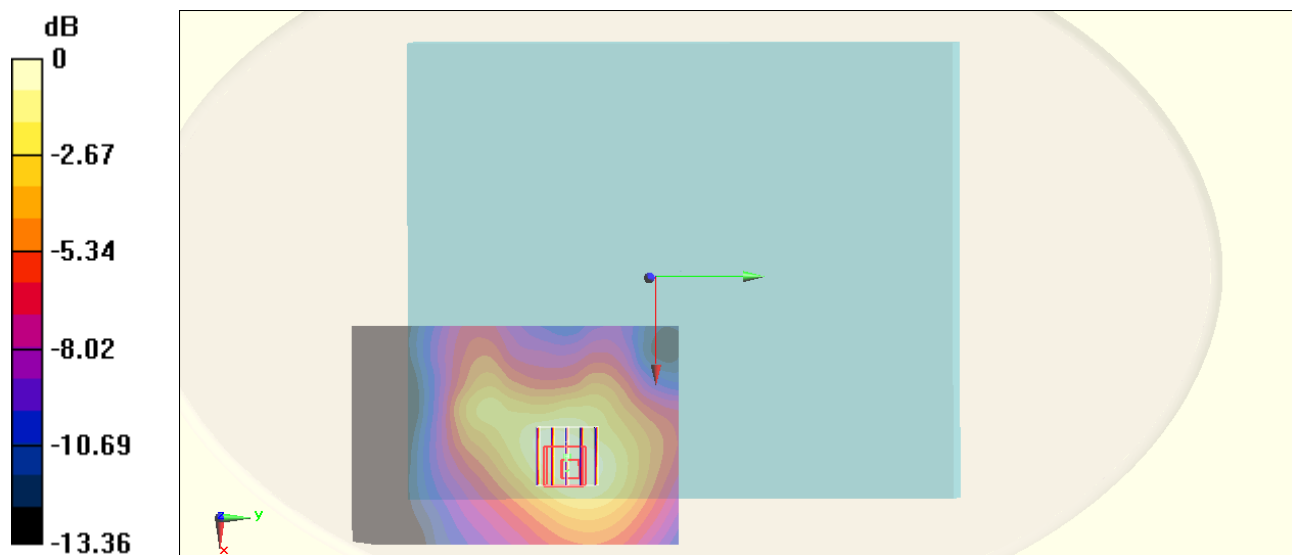
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.989 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.161 mW/g

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.079 mW/g**

Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.127 mW/g = -17.92 dB mW/g

## #90\_GSM1900\_GPRS (2 Tx slots)\_Edge 1\_0cm\_Ch661

**DUT: 330705**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130321 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 54.634$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch661/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.507 mW/g

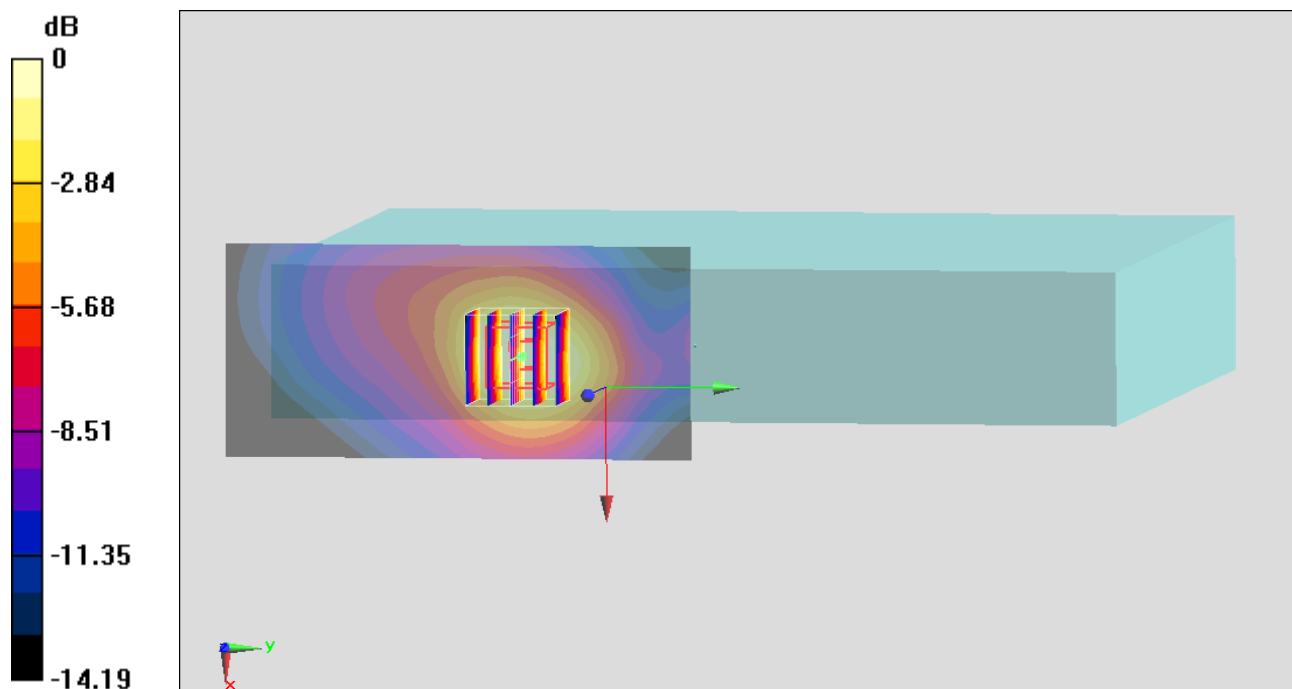
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.683 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.567 mW/g

**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.256 mW/g**

Maximum value of SAR (measured) = 0.437 mW/g



0 dB = 0.437 mW/g = -7.19 dB mW/g



## #91\_GSM1900\_GPRS (2 Tx slots)\_Edge 4\_0cm\_Ch661

**DUT: 330705**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_130321 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 54.634$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch661/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.0254 mW/g

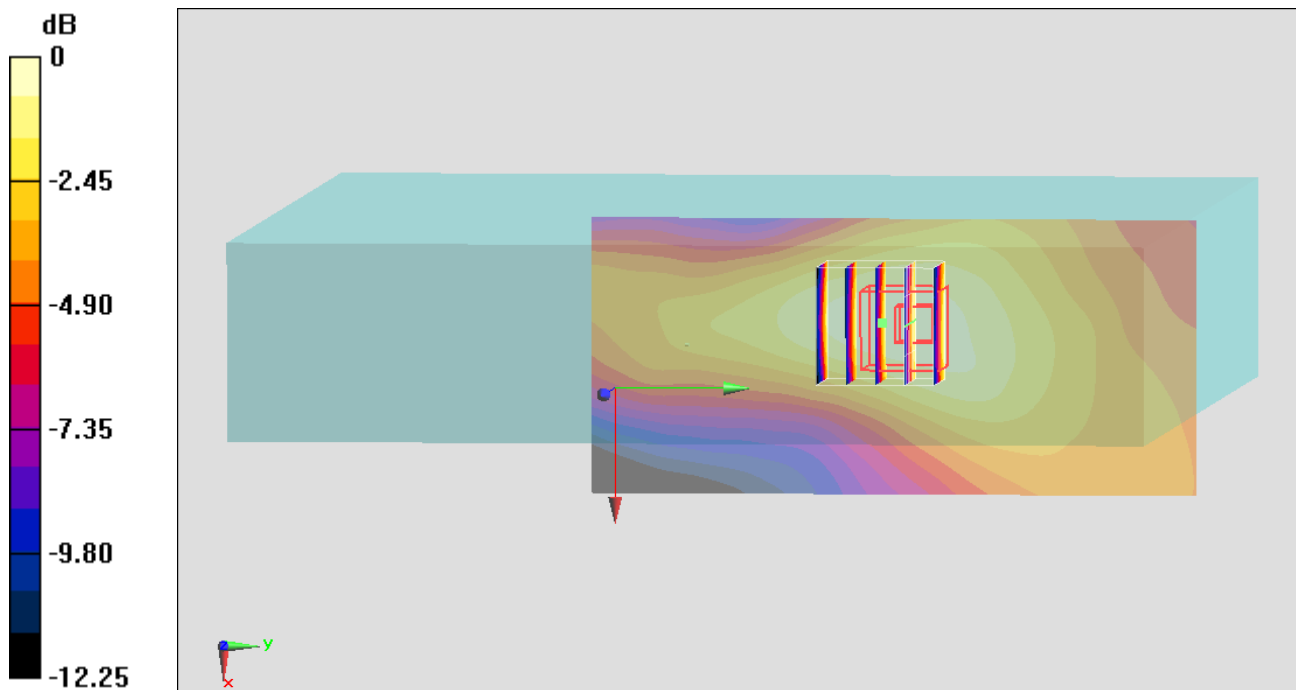
**Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.485 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.031 mW/g

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.0258 mW/g



0 dB = 0.0258 mW/g = -31.77 dB mW/g

### #84\_WCDMA V\_RMC12.2Kbps\_Bottom Face\_0cm\_Ch4132

**DUT: 330705**

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

Medium: MSL\_850\_130321 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.443$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.140 mW/g

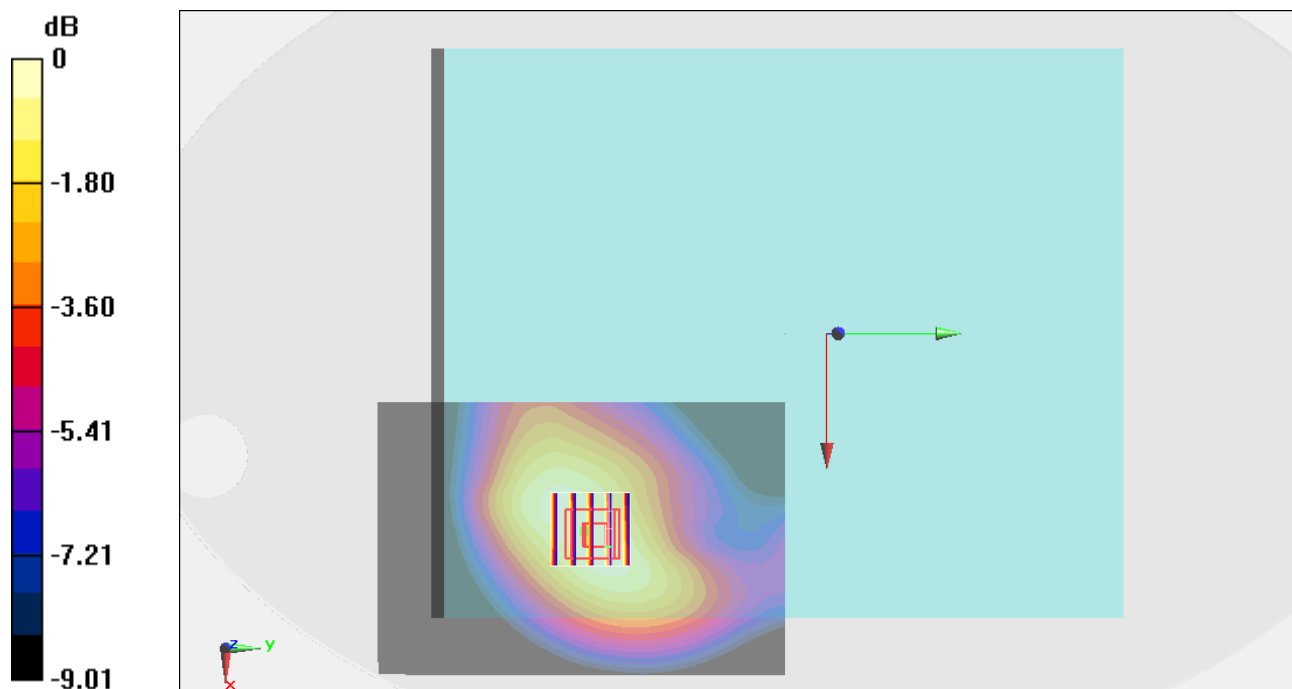
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.646 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.175 mW/g

**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.145 mW/g



0 dB = 0.145 mW/g = -16.77 dB mW/g

## #85\_WCDMA V\_RMC12.2Kbps\_Edge1\_0cm\_Ch4132

**DUT: 330705**

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

Medium: MSL\_850\_130321 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.443$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.480 mW/g

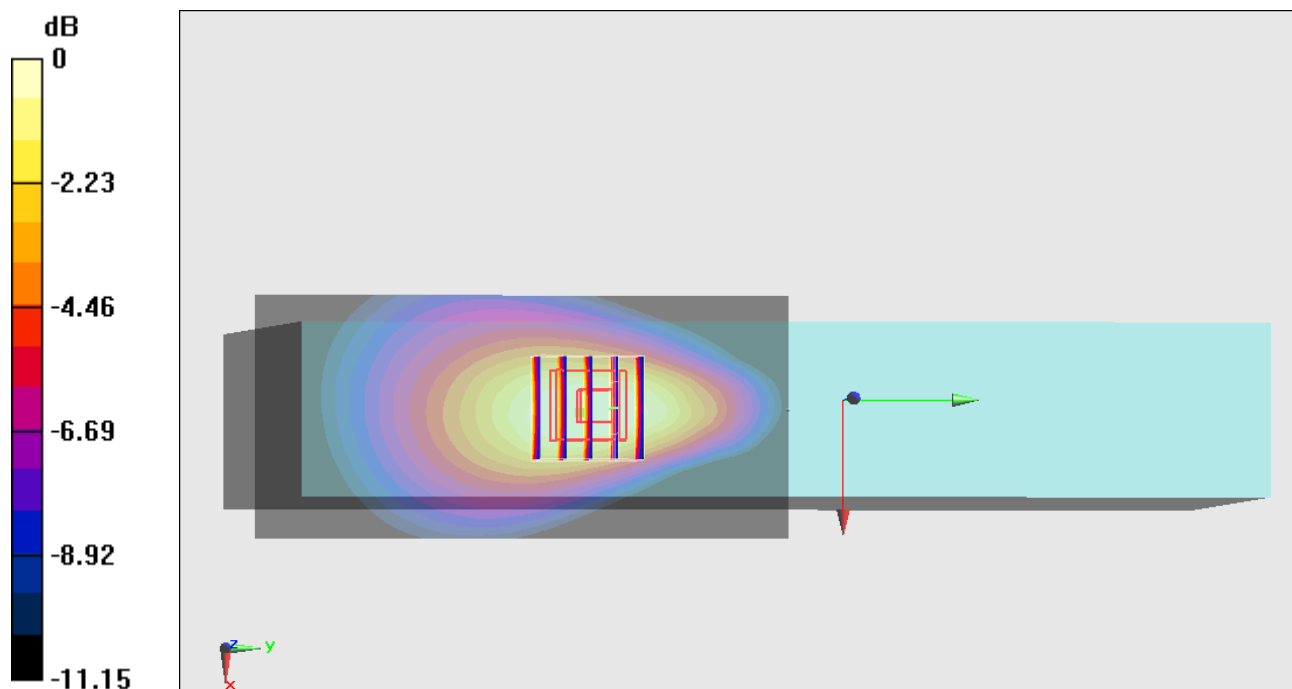
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.971 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.616 mW/g

**SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.444 mW/g = -7.05 dB mW/g

## #86\_WCDMA V\_RMC12.2Kbps\_Edge4\_0cm\_Ch4132

**DUT: 330705**

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

Medium: MSL\_850\_130321 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.443$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.0539 mW/g

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

Reference Value = 7.807 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.057 mW/g

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.0460 mW/g

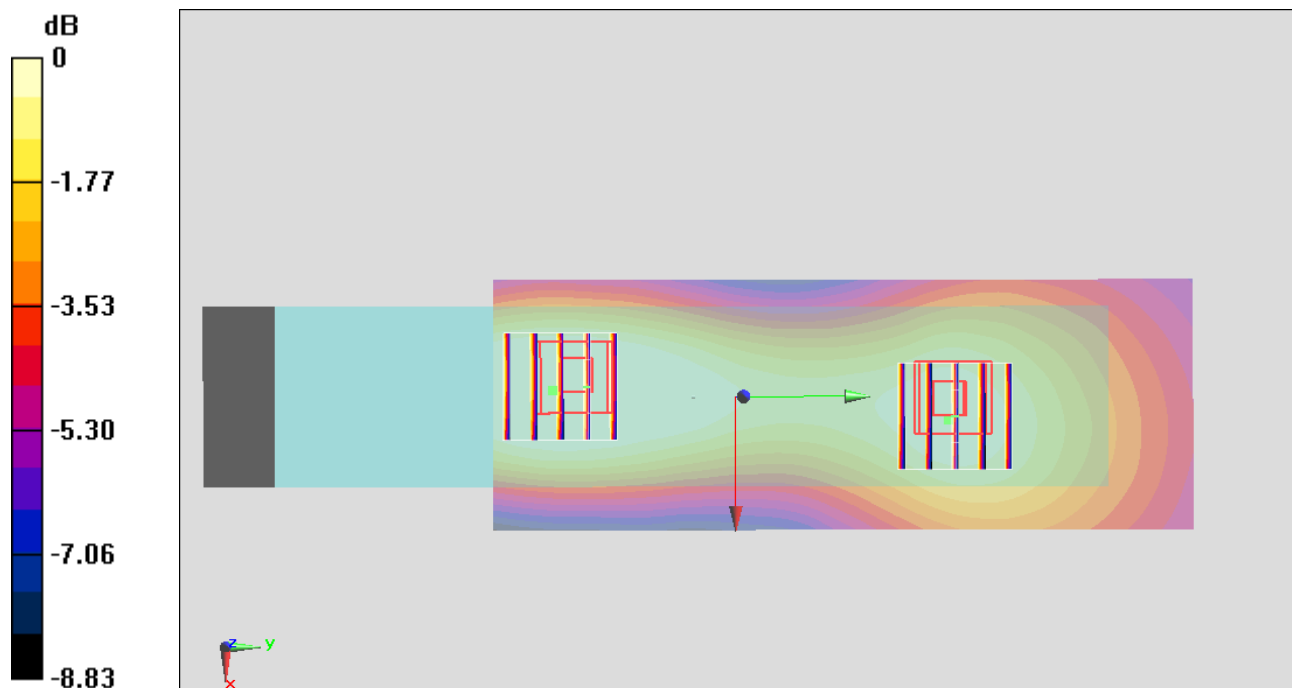
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.807 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.052 mW/g

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.0402 mW/g



0 dB = 0.0402 mW/g = -27.92 dB mW/g

### #94\_WCDMA II\_RMC12.2Kbps\_Bottom Face\_0cm\_Ch9400

**DUT: 330705**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130321 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 54.634$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.104 mW/g

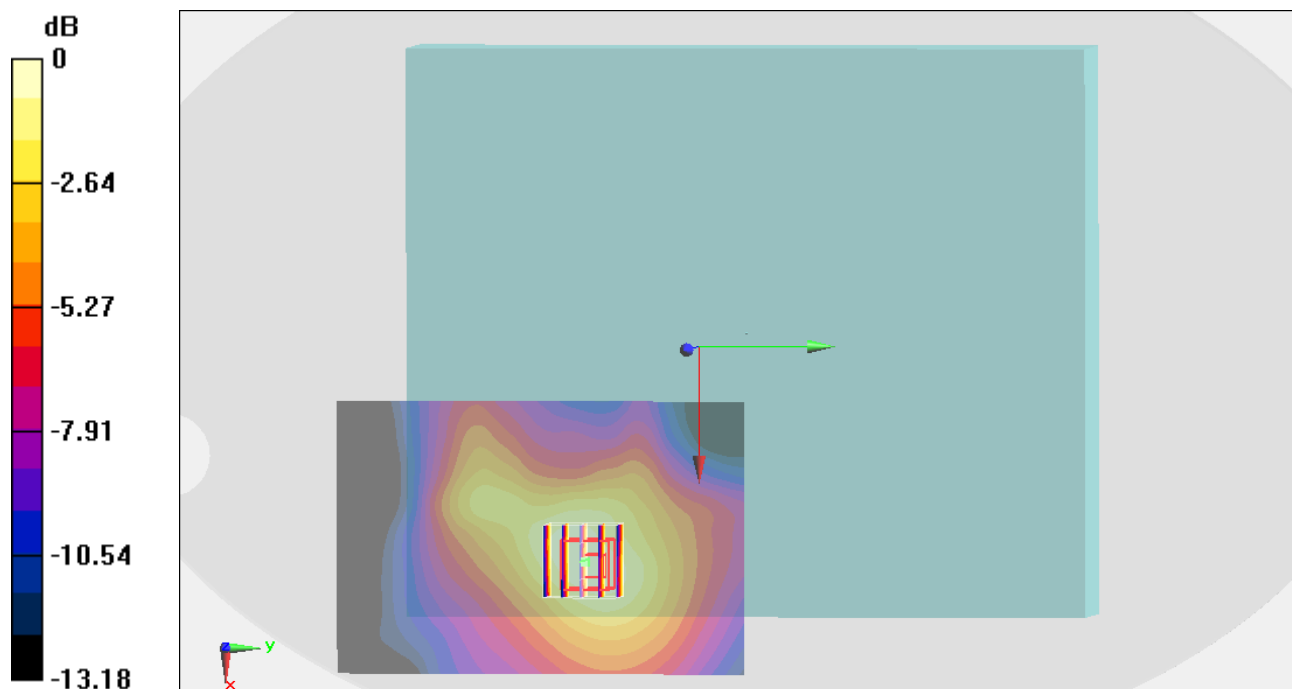
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.114 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.132 mW/g

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.104 mW/g = -19.66 dB mW/g

## #95\_WCDMA II\_RMC12.2Kbps\_Edge 1\_0cm\_Ch9400

### DUT: 330705

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130321 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 54.634$ ;  $\rho$

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

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

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.326 mW/g

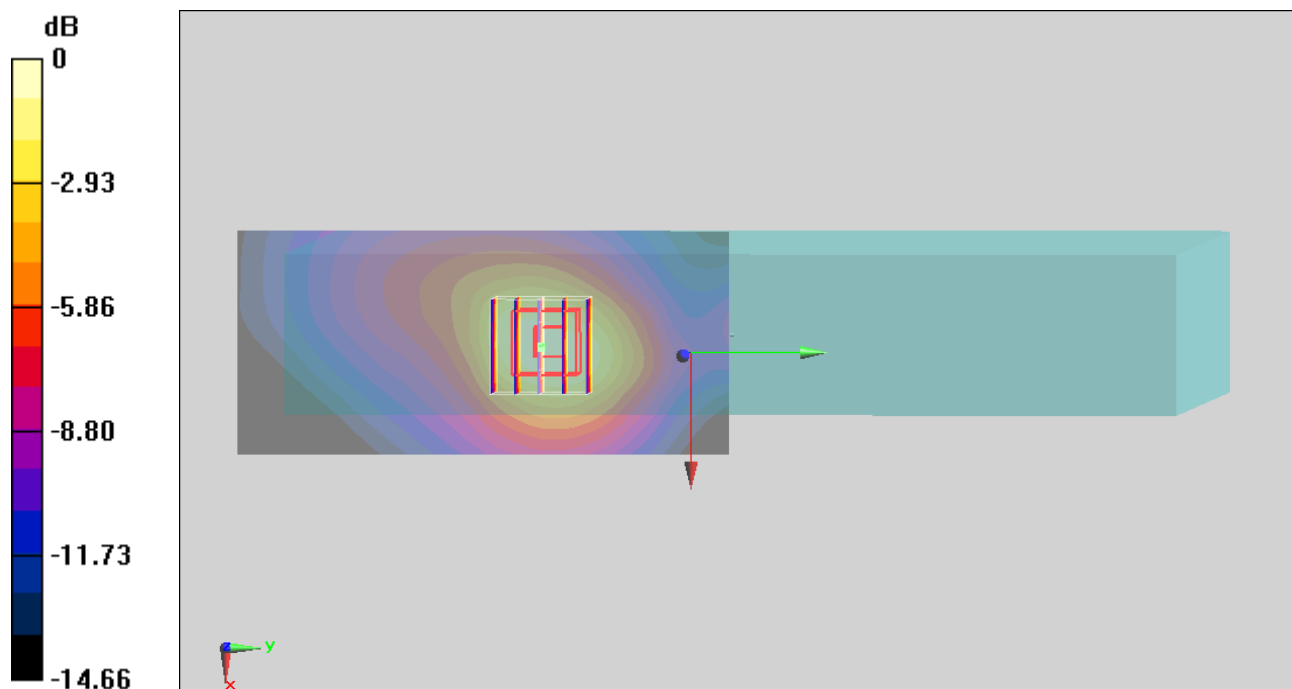
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.914 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.423 mW/g

**SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.326 mW/g = -9.74 dB mW/g

## #96\_WCDMA II\_RMC12.2Kbps\_Edge 4\_0cm\_Ch9400

**DUT: 330705**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_130321 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.494$  mho/m;  $\epsilon_r = 54.634$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9400/Area Scan (51x111x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.0198 mW/g

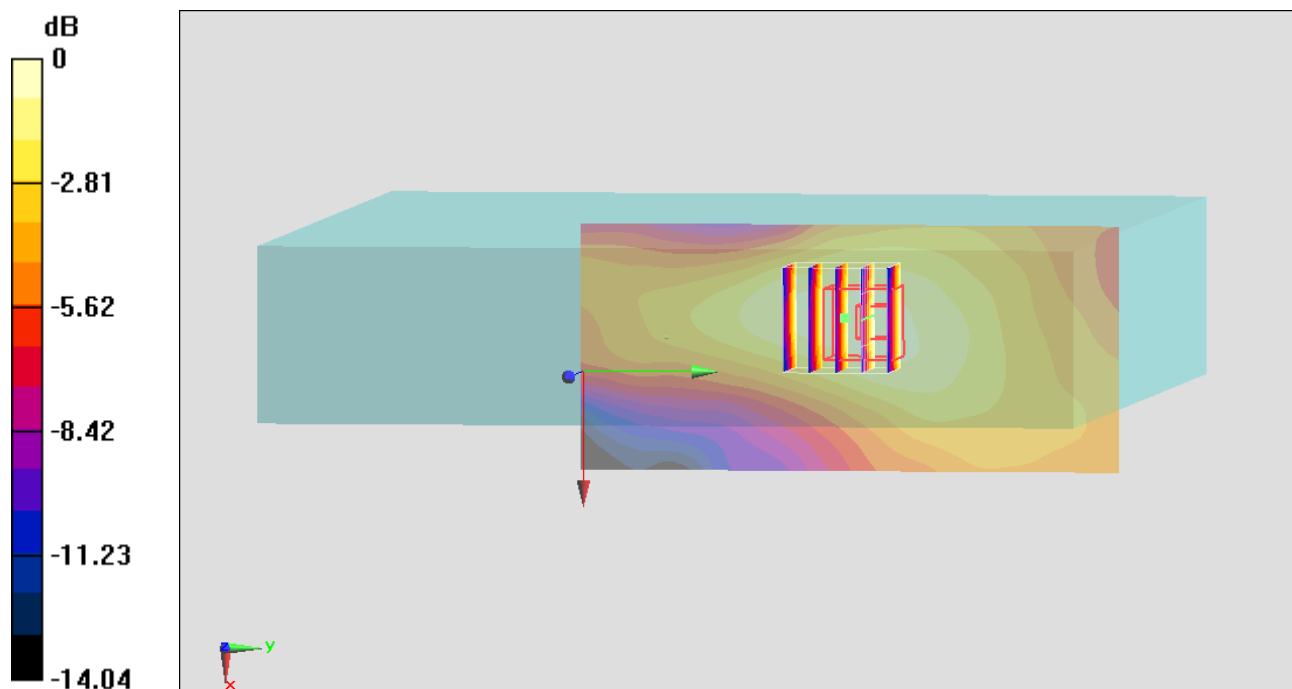
**Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.956 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.025 mW/g

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0204 mW/g



0 dB = 0.0204 mW/g = -33.81 dB mW/g

### #109\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Bottom Face\_0cm\_Ch23780

**DUT: 330705**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130322 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 55.563$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.301 mW/g

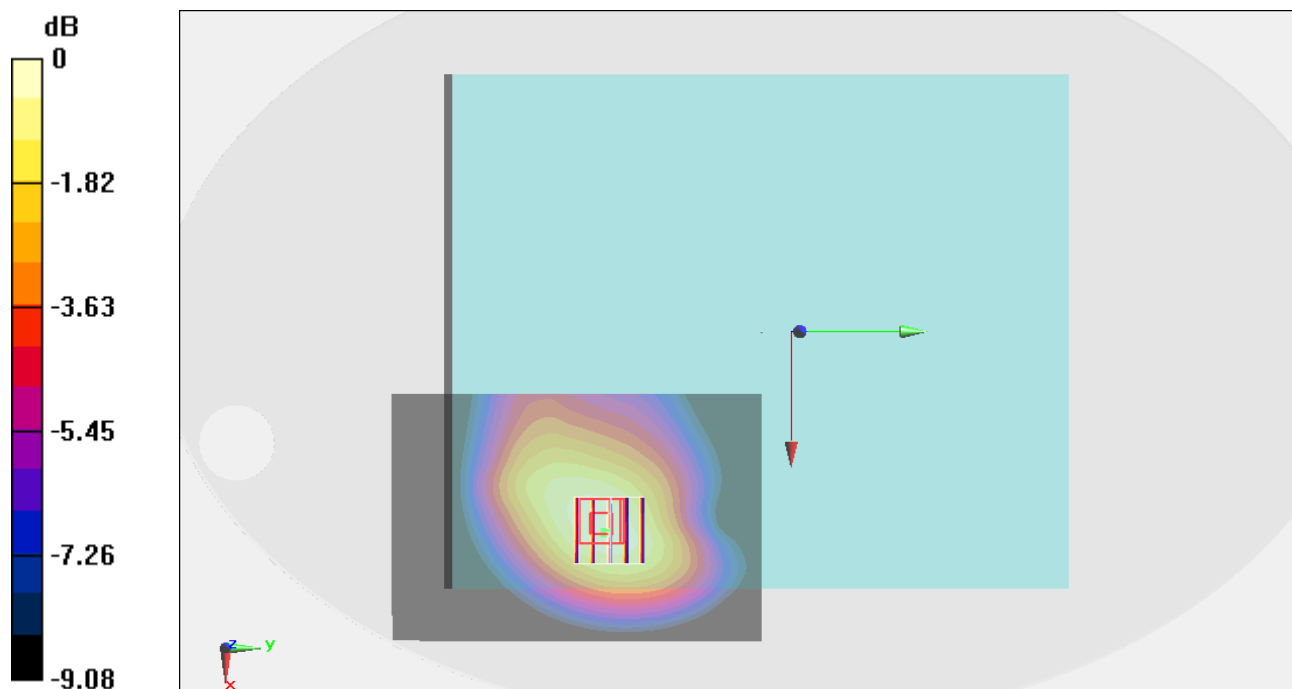
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.394 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.378 mW/g

**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.212 mW/g**

Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.307 mW/g = -10.26 dB mW/g



### #110\_LTE Band 17\_10M\_QPSK\_25RB\_24Offset\_Bottom Face\_0cm\_Ch23800

**DUT: 330705**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130322 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.944$  mho/m;  $\epsilon_r = 55.545$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23800/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.234 mW/g

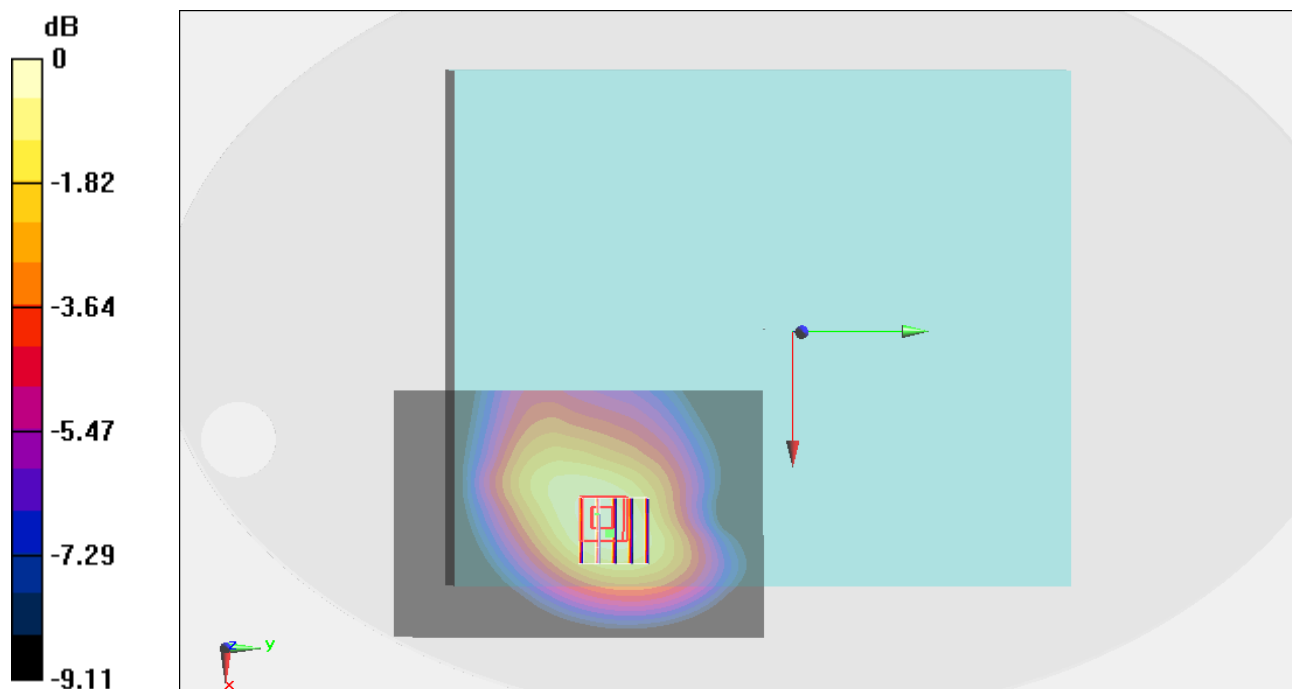
**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.507 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.298 mW/g

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.244 mW/g = -12.25 dB mW/g

## #111\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Edge 1\_0cm\_Ch23780

### DUT: 330705

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130322 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 55.563$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.447 mW/g

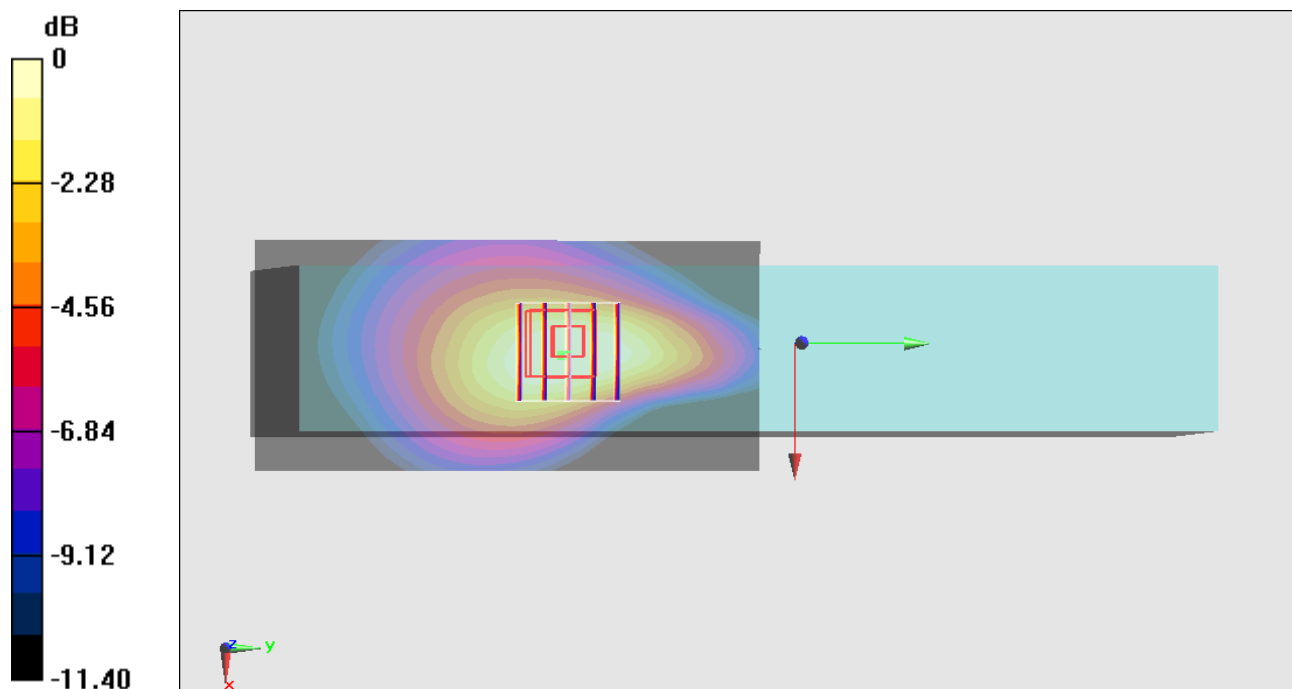
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.502 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.615 mW/g

**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.411 mW/g



0 dB = 0.411 mW/g = -7.72 dB mW/g

### #112\_LTE Band 17\_10M\_QPSK\_25RB\_24Offset\_Edge 1\_0cm\_Ch23800

#### DUT: 330705

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130322 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.944$  mho/m;  $\epsilon_r = 55.545$ ;  $\rho =$

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

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

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23800/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.356 mW/g

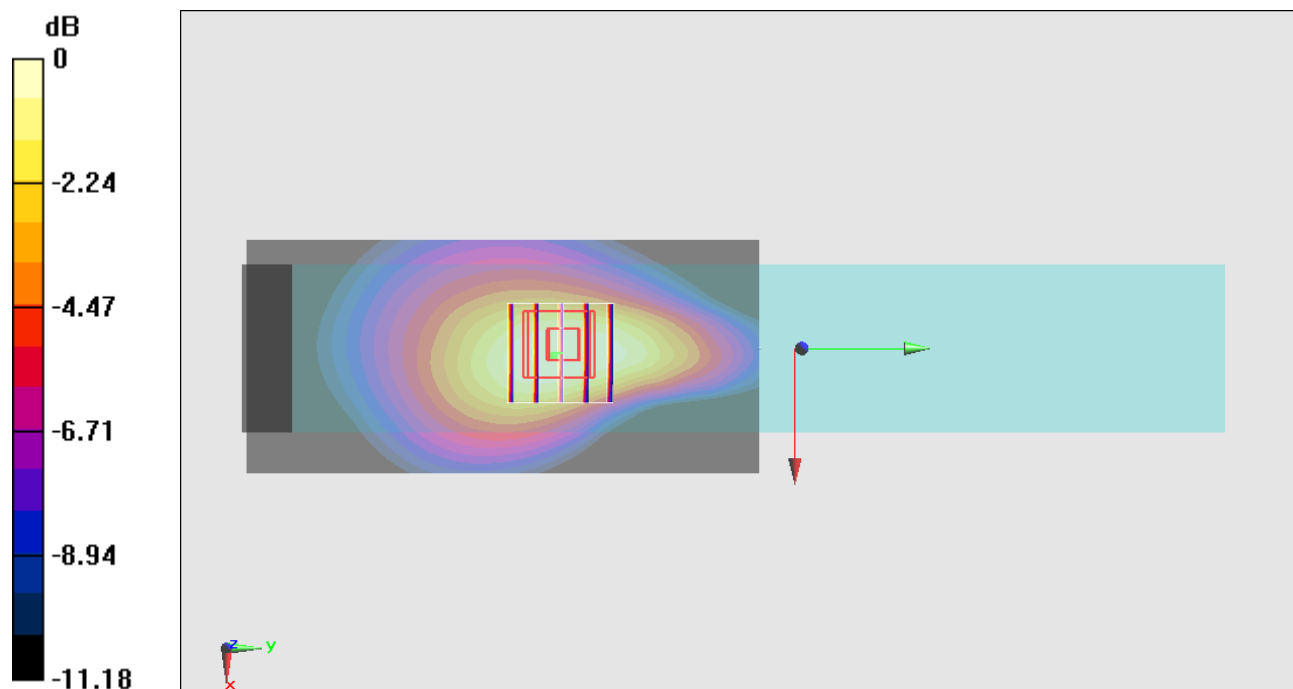
**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.185 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.484 mW/g

**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.331 mW/g



0 dB = 0.331 mW/g = -9.60 dB mW/g

### #113\_LTE Band 17\_10M\_QPSK\_1RB\_49Offset\_Edge 4\_0cm\_Ch23780

**DUT: 330705**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130322 Medium parameters used:  $f = 709$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 55.563$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23780/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.120 mW/g

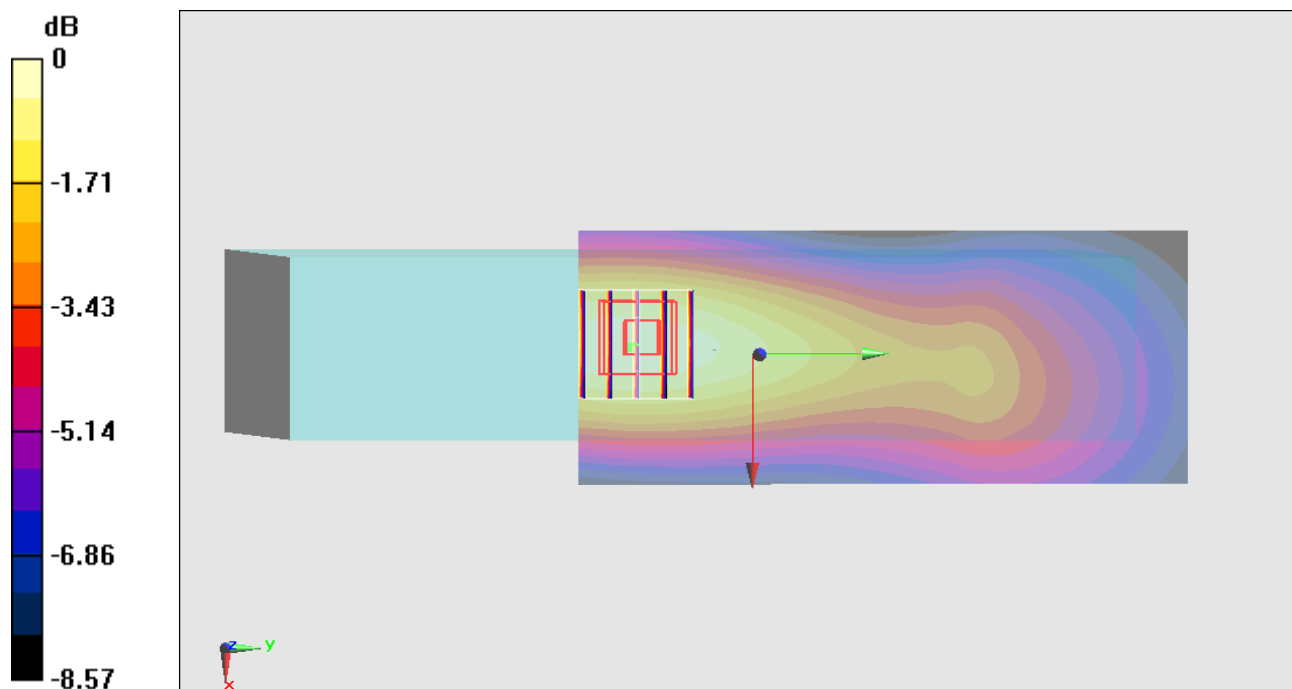
**Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.749 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.152 mW/g

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.123 mW/g = -18.20 dB mW/g

## #114\_LTE Band 17\_10M\_QPSK\_25RB\_24Offset\_Edge 4\_0cm\_Ch23800

**DUT: 330705**

Communication System: LTE; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: MSL\_750\_130322 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.944$  mho/m;  $\epsilon_r = 55.545$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch23800/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.0963 mW/g

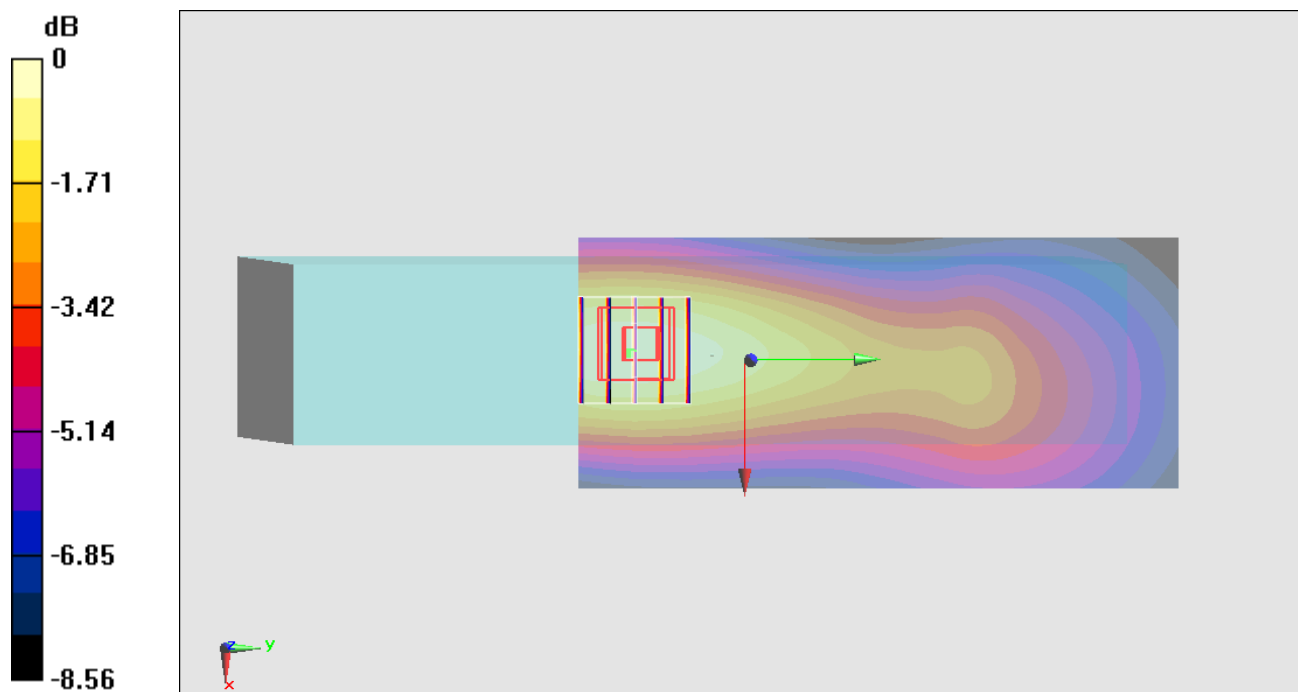
**Configuration/Ch23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.508 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.121 mW/g

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.0977 mW/g



0 dB = 0.0977 mW/g = -20.20 dB mW/g

## #99\_LTE Band 4\_20M\_QPSK\_1RB\_49Offset\_Bottom Face\_0cm\_Ch20300

**DUT: 330705**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.209 mW/g

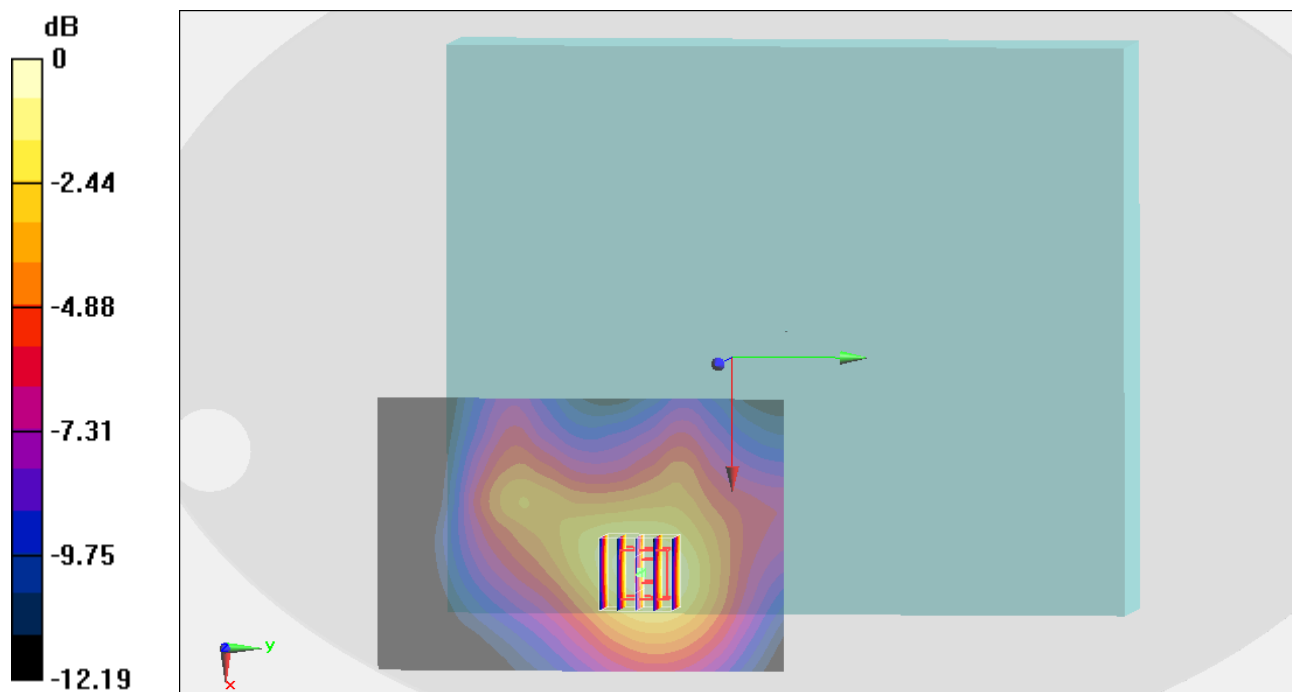
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.026 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.254 mW/g

**SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.136 mW/g**

Maximum value of SAR (measured) = 0.216 mW/g



0 dB = 0.216 mW/g = -13.31 dB mW/g

### #100\_LTE Band 4\_20M\_QPSK\_50RB\_24Offset\_Bottom Face\_0cm\_Ch20300

**DUT: 330705**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.163 mW/g

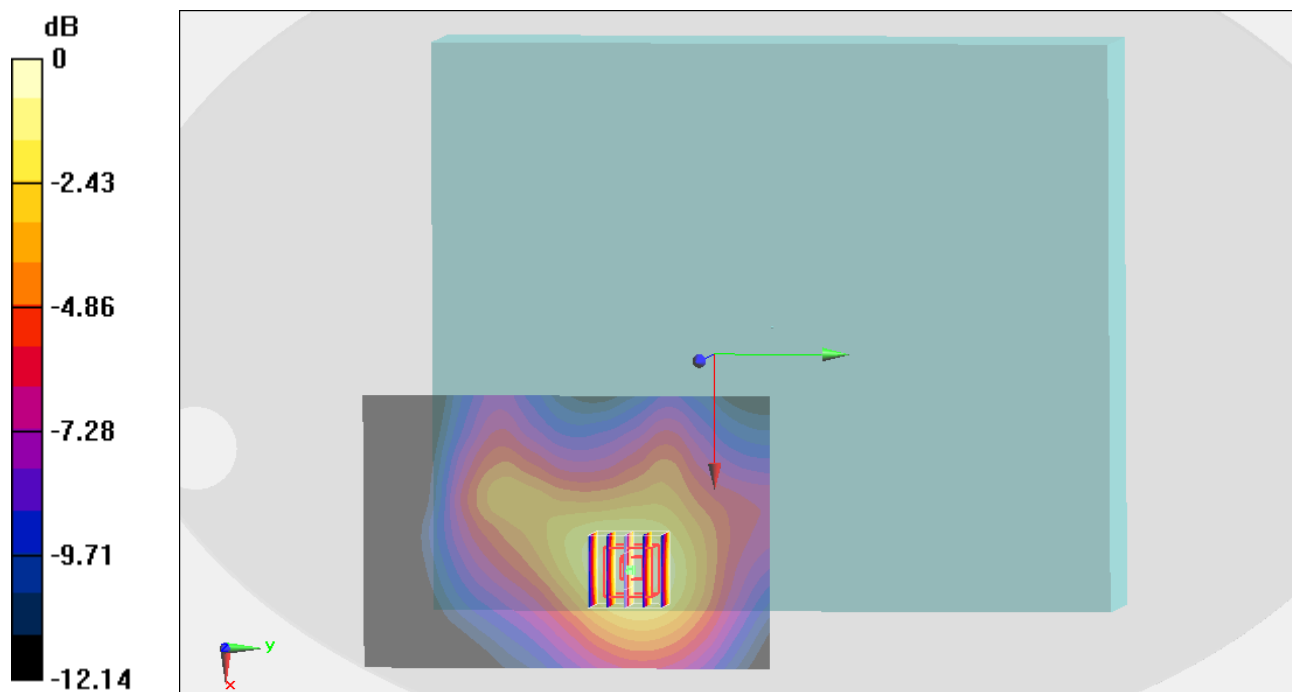
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.511 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.196 mW/g

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.167 mW/g = -15.55 dB mW/g

## #101\_LTE Band 4\_20M\_QPSK\_1RB\_49Offset\_Edge 1\_0cm\_Ch20300

### DUT: 330705

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.890 mW/g

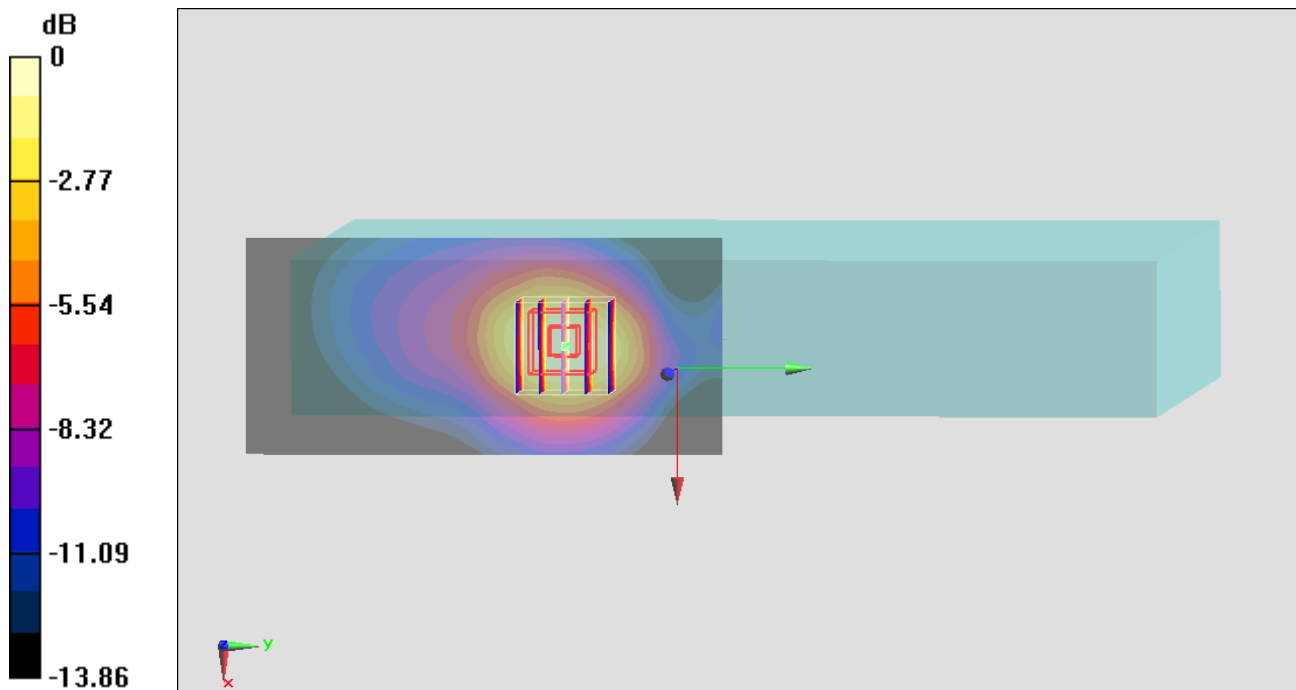
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.433 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.030 mW/g

**SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.469 mW/g**

Maximum value of SAR (measured) = 0.843 mW/g



0 dB = 0.843 mW/g = -1.48 dB mW/g



## #104\_LTE Band 4\_20M\_QPSK\_50RB\_24Offset\_Edge 1\_0cm\_Ch20300

**DUT: 330705**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.733 mW/g

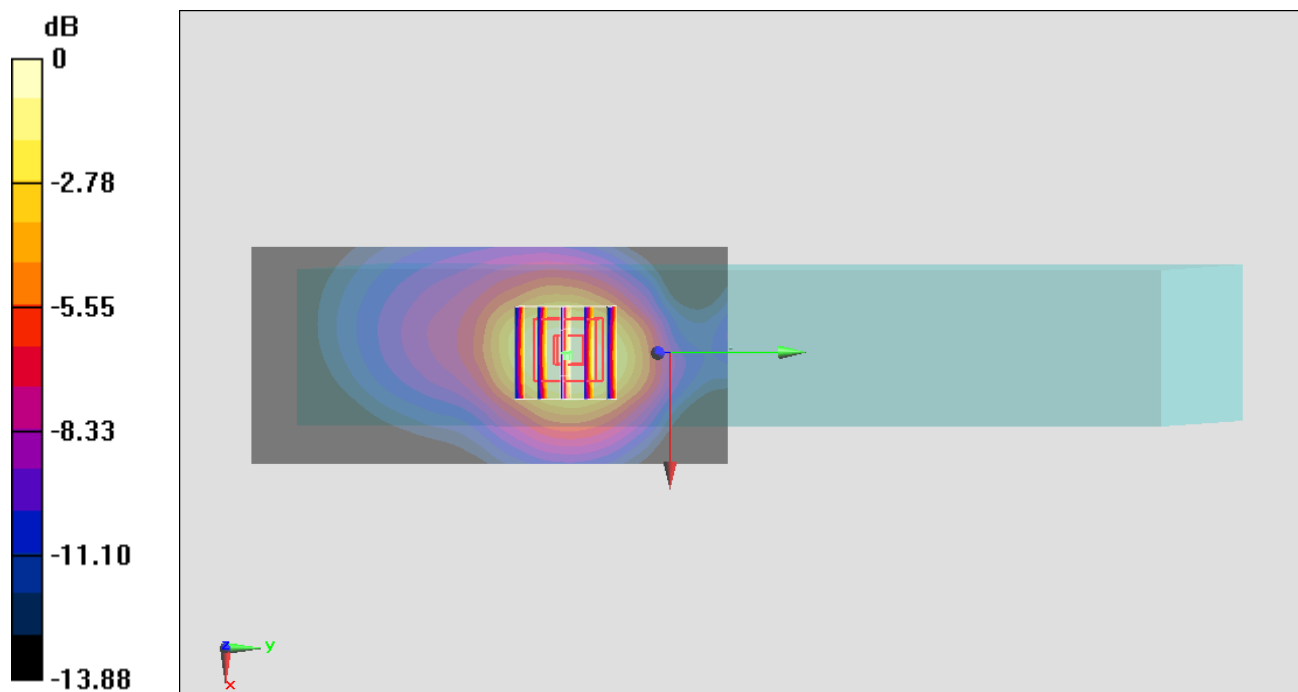
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.543 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.805 mW/g

**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.653 mW/g = -3.70 dB mW/g

## #105\_LTE Band 4\_20M\_QPSK\_100RB\_0Offset\_Edge 1\_0cm\_Ch20300

### DUT: 330705

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.725 mW/g

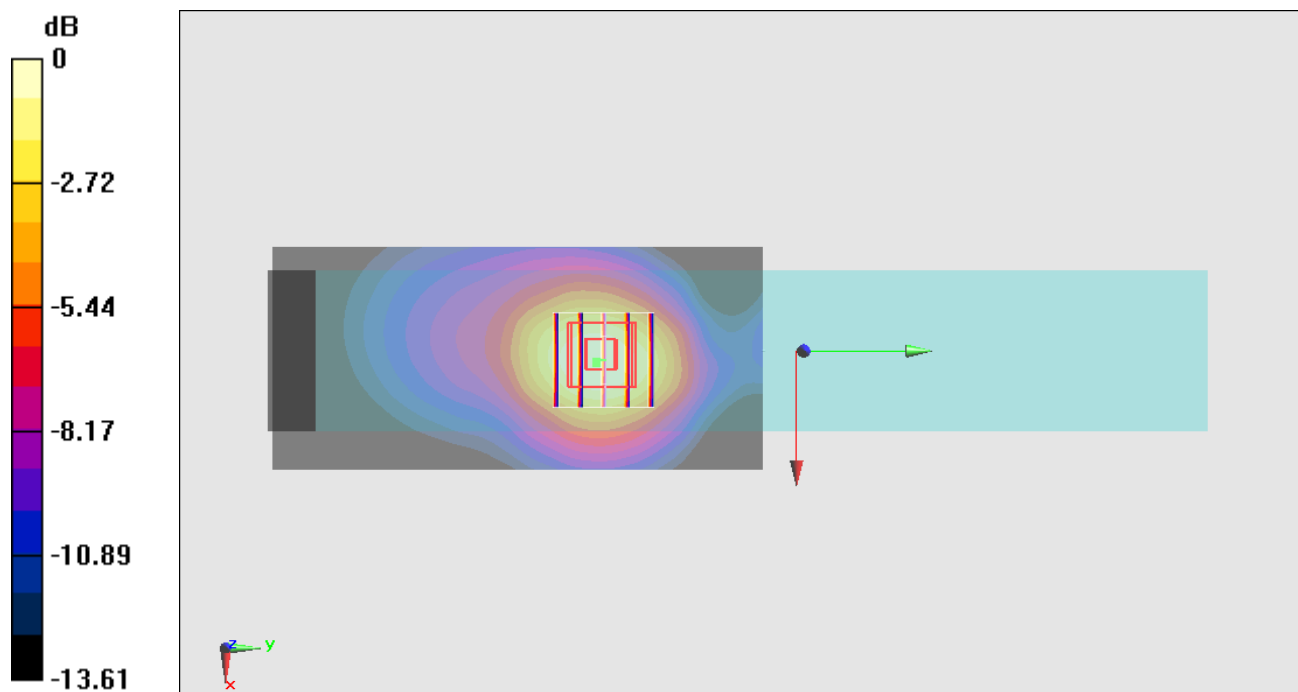
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.585 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.808 mW/g

**SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.375 mW/g**

Maximum value of SAR (measured) = 0.656 mW/g



0 dB = 0.656 mW/g = -3.66 dB mW/g

## #106\_LTE Band 4\_20M\_QPSK\_1RB\_49Offset\_Edge 4\_0cm\_Ch20300

### DUT: 330705

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.0795 mW/g

**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.138 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.098 mW/g

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.0844 mW/g

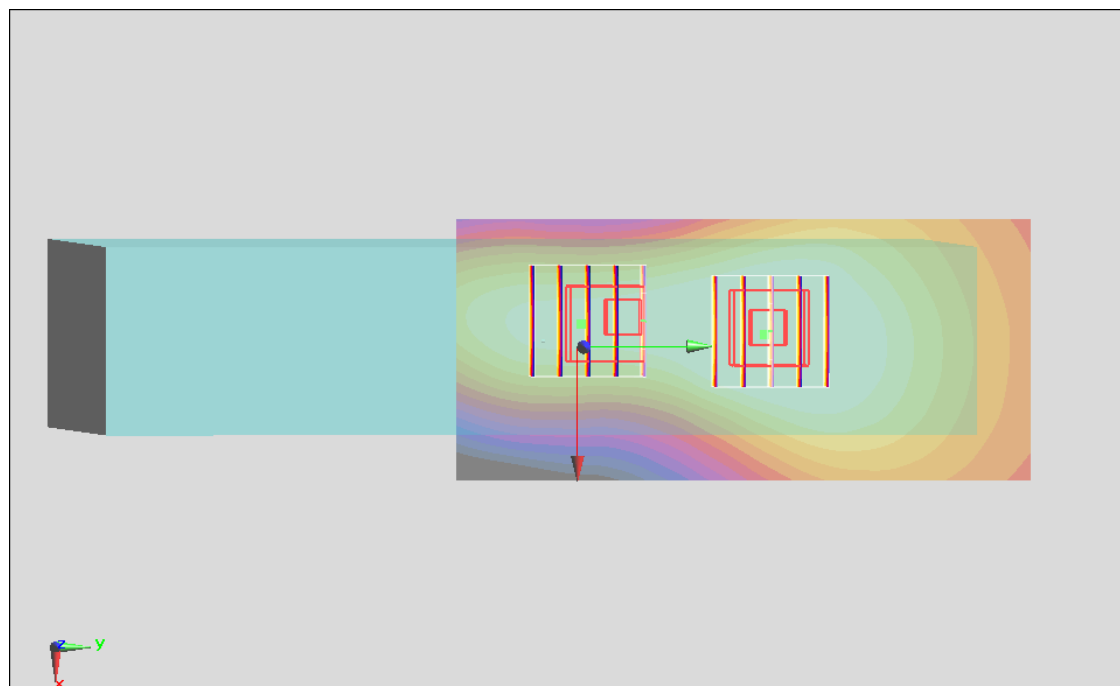
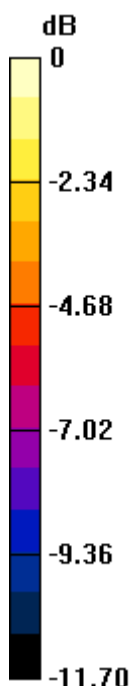
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.138 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.066 mW/g

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.0539 mW/g



0 dB = 0.0539 mW/g = -25.37 dB mW/g

### #107\_LTE Band 4\_20M\_QPSK\_50RB\_24Offset\_Edge 4\_0cm\_Ch20300

**DUT: 330705**

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.427$ ;  $\rho$

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

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20300/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.0618 mW/g

**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.188 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.076 mW/g

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.0657 mW/g

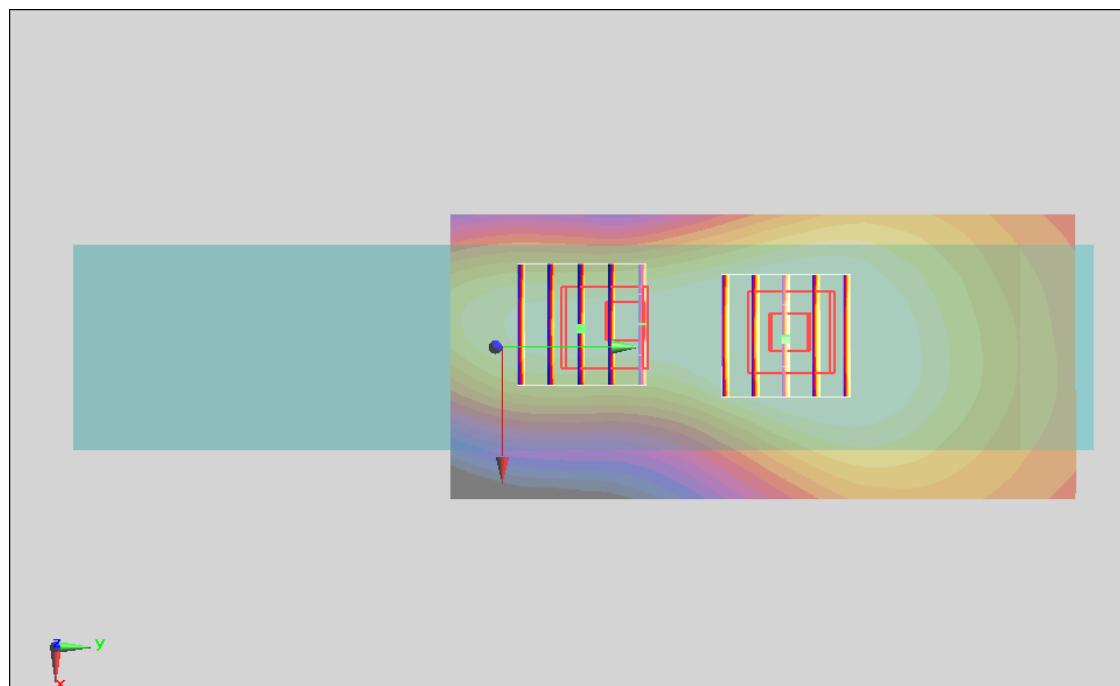
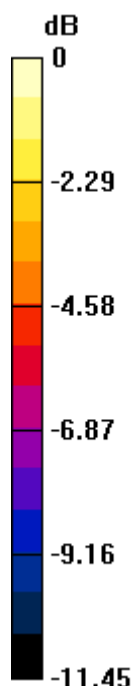
**Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.188 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.051 mW/g

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.0415 mW/g



0 dB = 0.0415 mW/g = -27.64 dB mW/g

### #102\_LTE Band 4\_20M\_QPSK\_1RB\_49Offset\_Edge 1\_0cm\_Ch20050

#### DUT: 330705

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_130322 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.475$  mho/m;  $\epsilon_r = 52.51$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20050/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.958 mW/g

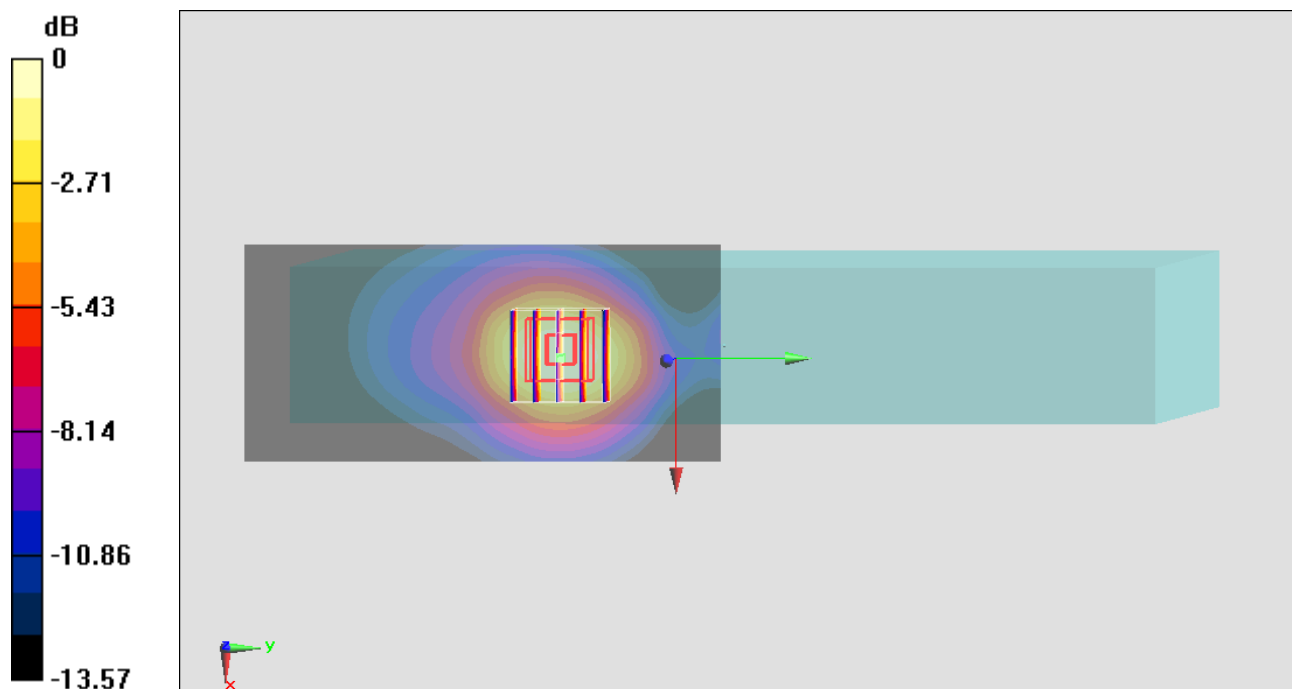
**Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.153 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.042 mW/g

**SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.493 mW/g**

Maximum value of SAR (measured) = 0.859 mW/g



0 dB = 0.859 mW/g = -1.32 dB mW/g

### #103\_LTE Band 4\_20M\_QPSK\_1RB\_49Offset\_Edge 1\_0cm\_Ch20175

#### DUT: 330705

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

Medium: MSL\_1750\_130322 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 : 22.6 °C ; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.02 mW/g

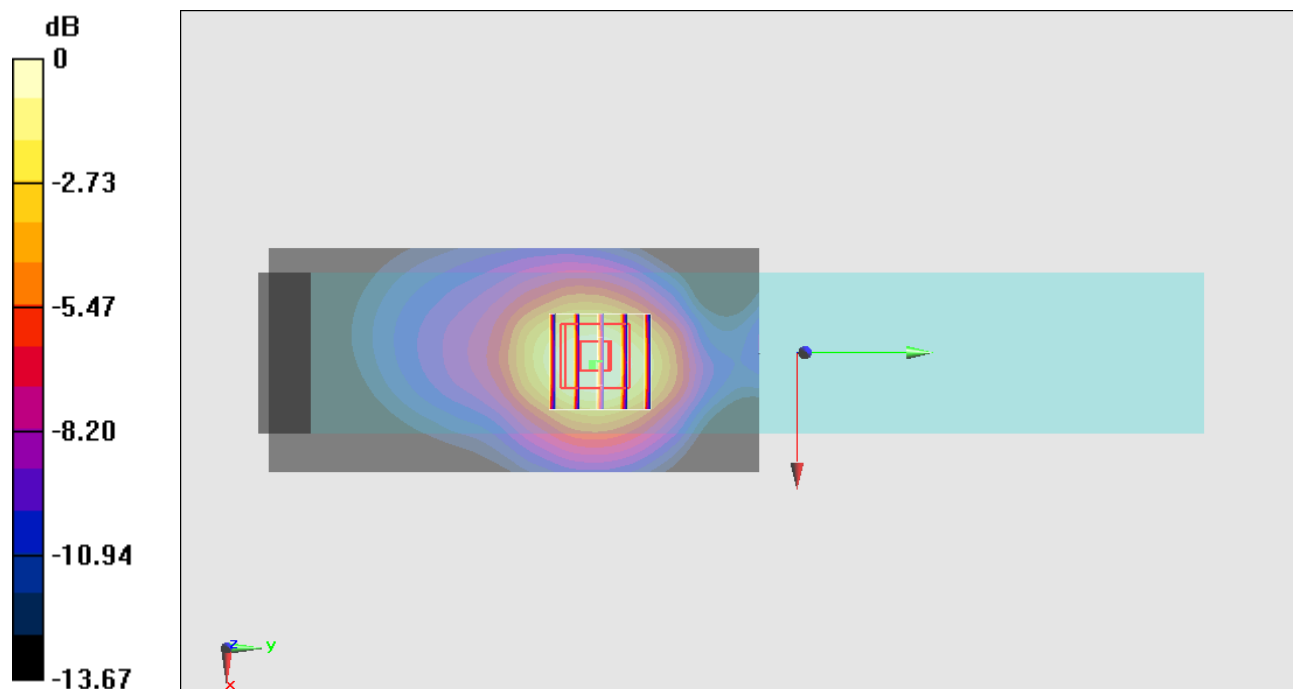
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.786 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.118 mW/g

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.524 mW/g**

Maximum value of SAR (measured) = 0.917 mW/g



0 dB = 0.917 mW/g = -0.75 dB mW/g

### #108\_LTE Band 4\_20M\_QPSK\_1RB\_49Offset\_Edge 1\_0cm\_Ch20175-Repeat

**DUT: 330705**

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

Medium: MSL\_1750\_130322 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 : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch20175/Area Scan (51x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.01 mW/g

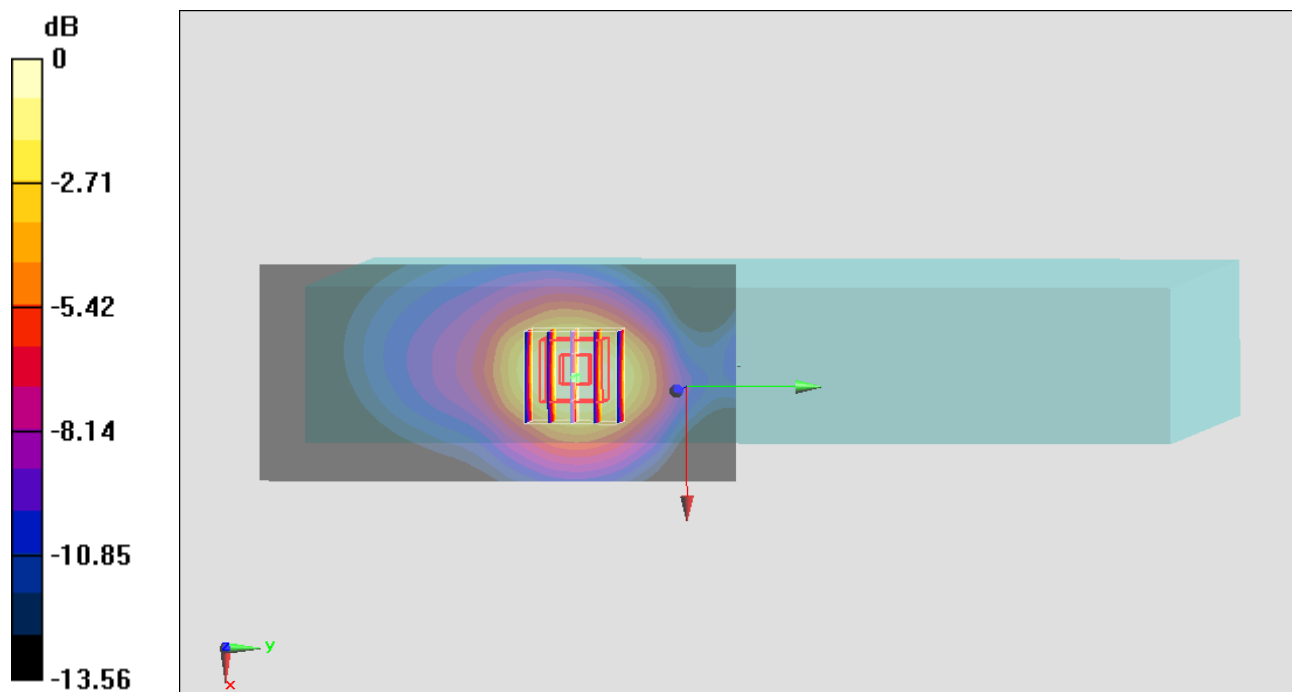
**Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.752 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.108 mW/g

**SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.522 mW/g**

Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.908 mW/g = -0.84 dB mW/g

## #22\_WLAN2.4G\_802.11b\_Bottom Face\_0cm\_Ch6;Ant A

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x261x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0828 mW/g

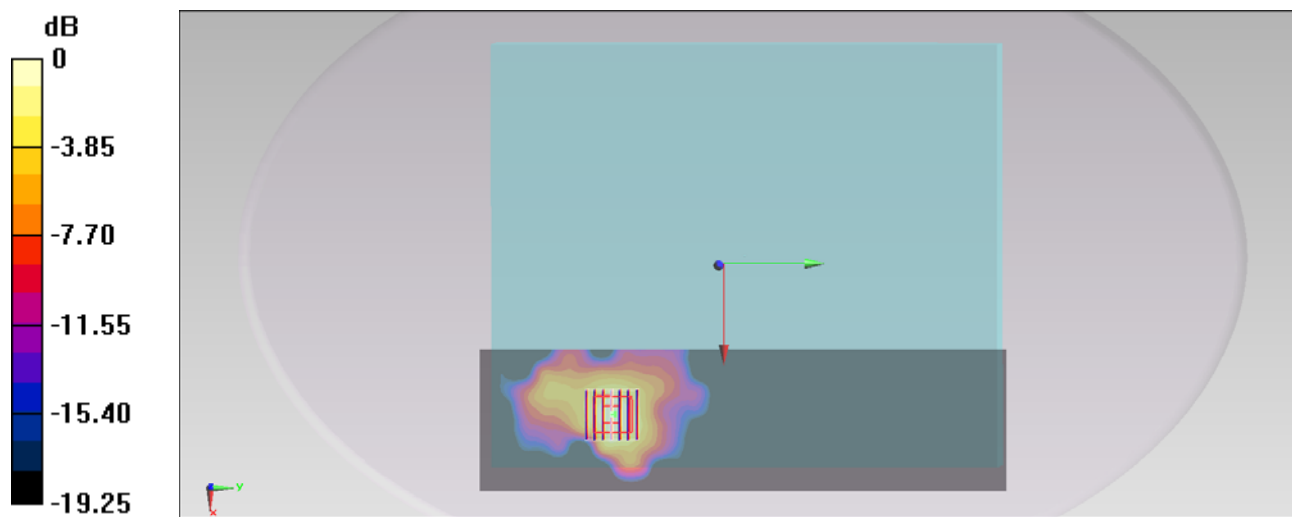
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.242 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.129 mW/g

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.0835 mW/g



0 dB = 0.0835 mW/g = -21.57 dB mW/g



## #21\_WLAN2.4G\_802.11b\_Edge1\_0cm\_Ch6;Ant A

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (61x131x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0437 mW/g

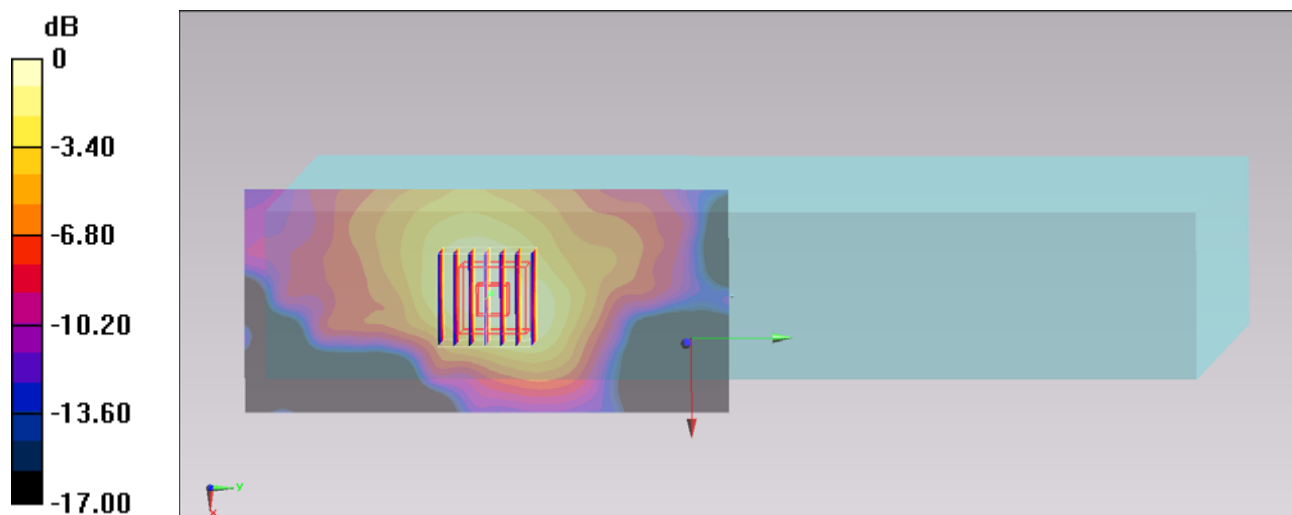
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.483 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.062 mW/g

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.0414 mW/g



0 dB = 0.0414 mW/g = -27.66 dB mW/g

## #23\_WLAN2.4G\_802.11g\_Bottom Face\_0cm\_Ch6;Ant A

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.180 mW/g

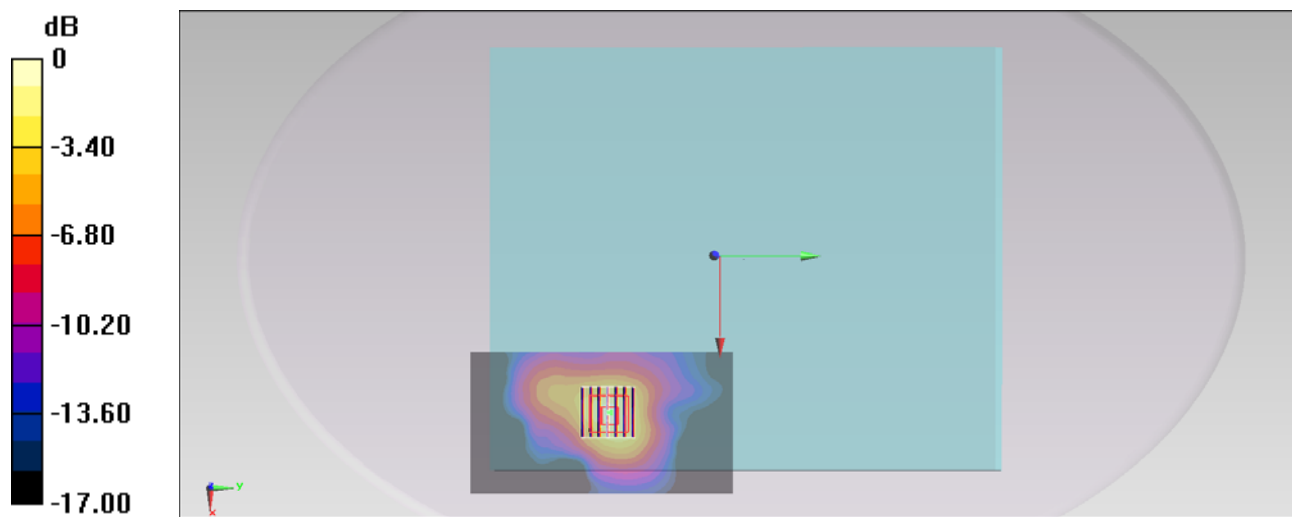
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.928 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.317 mW/g

**SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.211 mW/g = -13.51 dB mW/g

## #24\_WLAN2.4G\_802.11n-HT20\_Bottom Face\_0cm\_Ch6;Ant A

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.203 mW/g

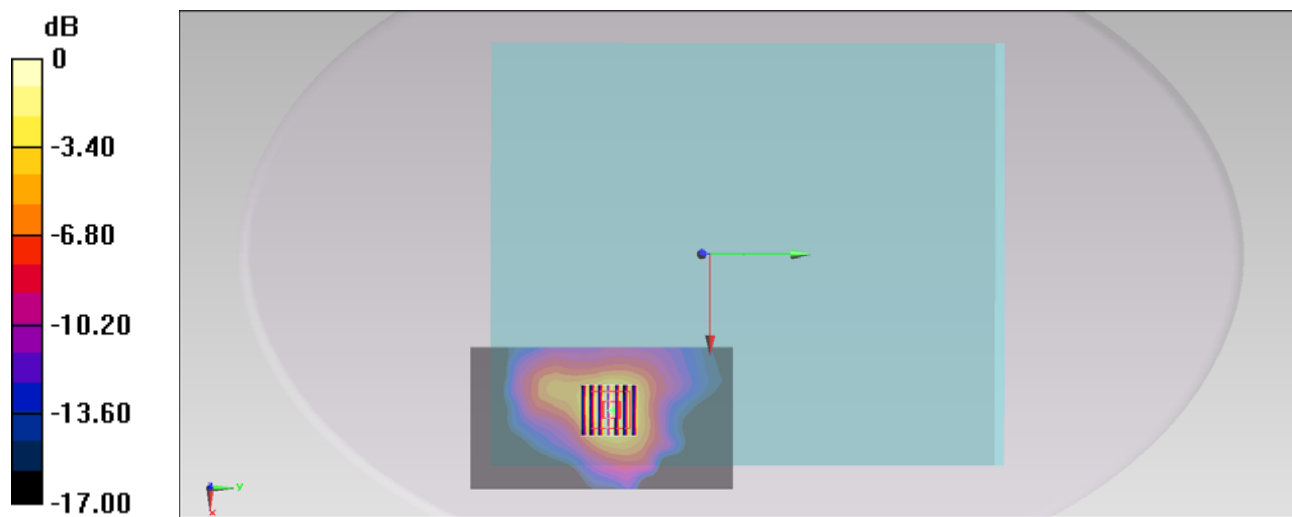
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.575 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.314 mW/g

**SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.202 mW/g = -13.89 dB mW/g

## #25\_WLAN2.4G\_802.11n-HT40\_Bottom Face\_0cm\_Ch6;Ant A

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x131x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.263 mW/g

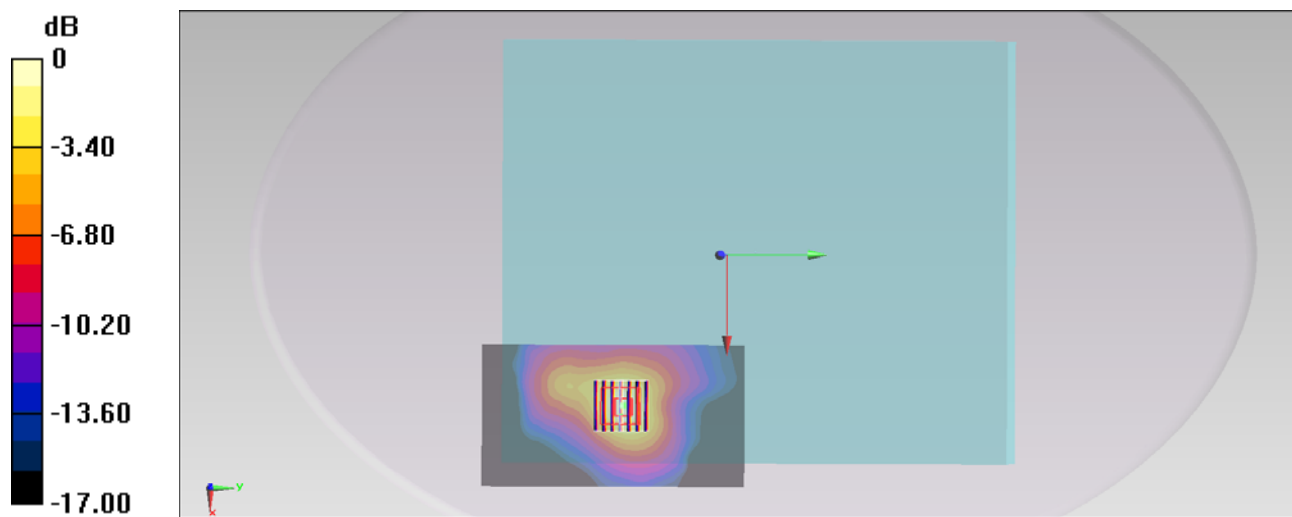
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.087 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.418 mW/g

**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.261 mW/g = -11.67 dB mW/g

## #28\_WLAN2.4G\_802.11b\_Bottom Face\_0cm\_Ch6;Ant B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (81x131x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.0293 mW/g

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

Reference Value = 4.071 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.047 mW/g

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0310 mW/g

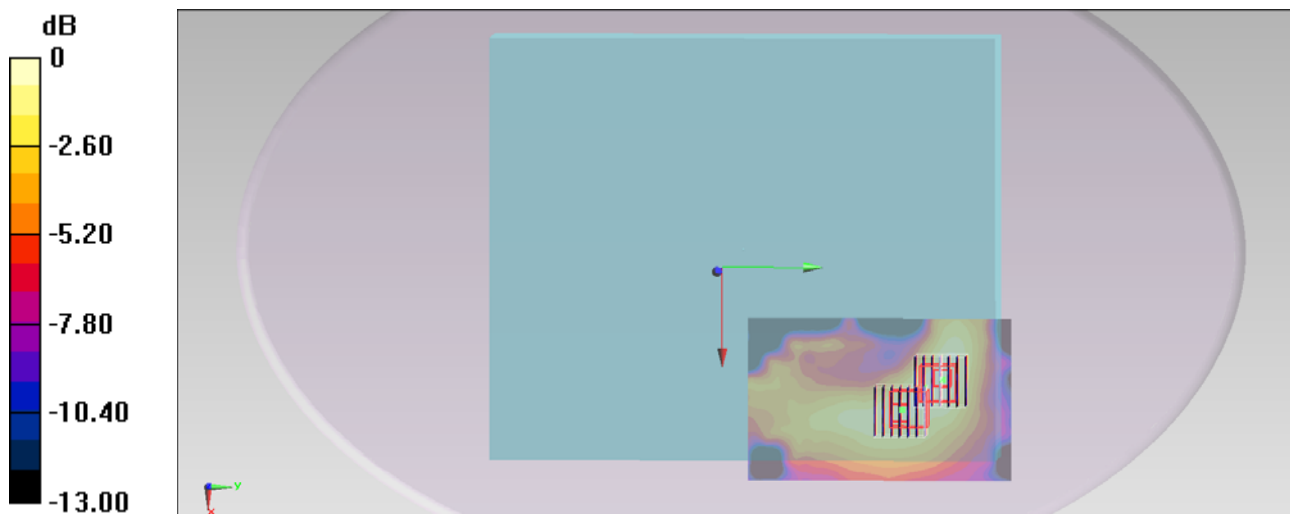
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.071 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.040 mW/g

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.0269 mW/g



0 dB = 0.0269 mW/g = -31.40 dB mW/g

## #29\_WLAN2.4G\_802.11b\_Edge 1\_0cm\_Ch6;Ant B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x261x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.0792 mW/g

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

Reference Value = 6.769 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.122 mW/g

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.0796 mW/g

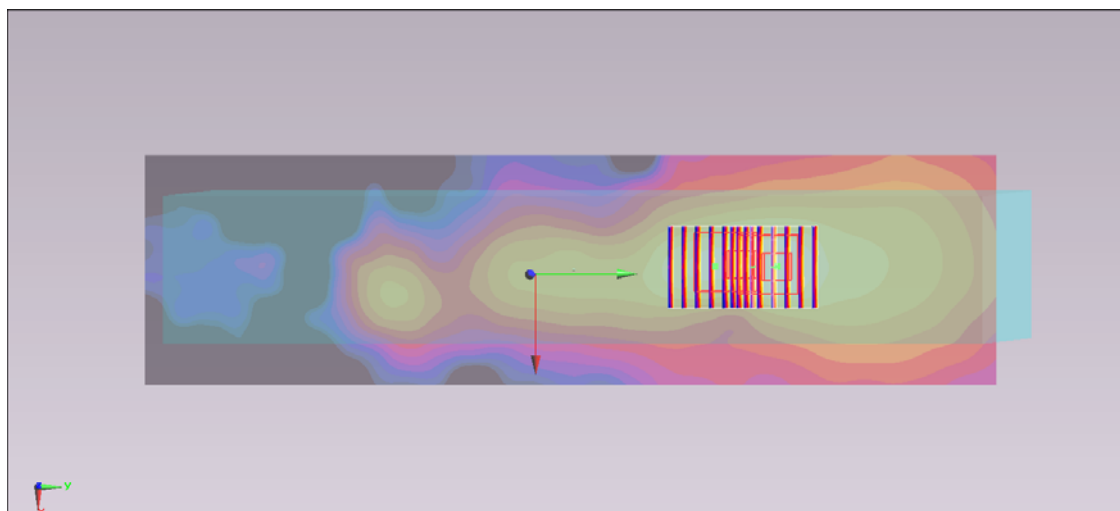
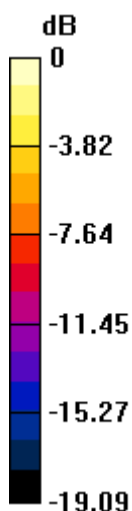
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.769 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.106 mW/g

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.0728 mW/g



0 dB = 0.0728 mW/g = -22.76 dB mW/g

### #30\_WLAN2.4G\_802.11g\_Edge 1\_0cm\_Ch6;Ant B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x261x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.185 mW/g

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

Reference Value = 10.309 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.290 mW/g

**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.191 mW/g

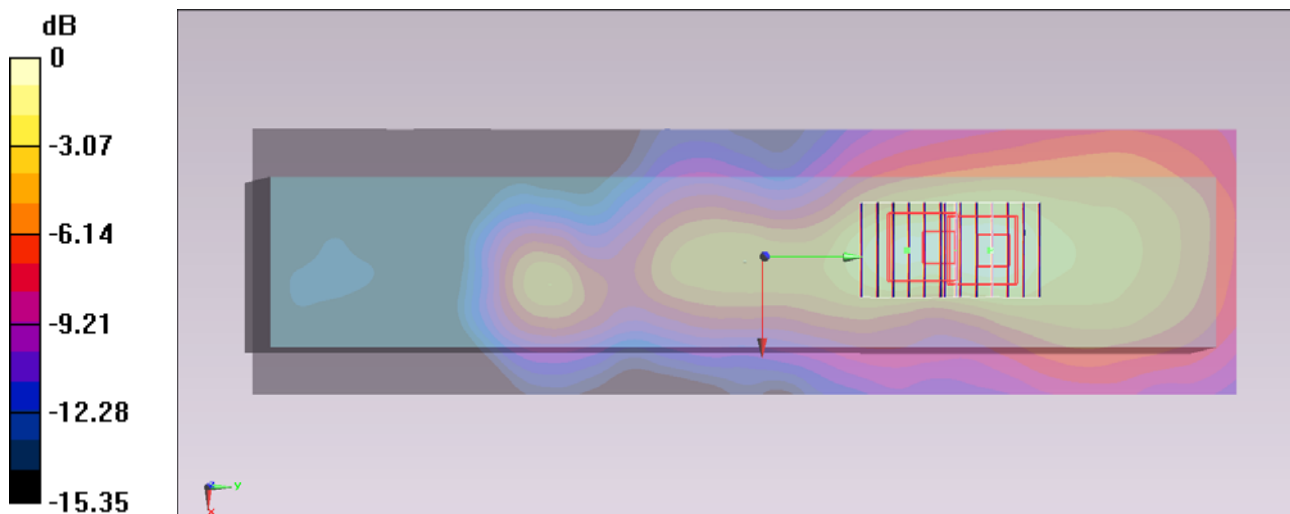
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.309 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.250 mW/g

**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.074 mW/g**

Maximum value of SAR (measured) = 0.176 mW/g



0 dB = 0.176 mW/g = -15.09 dB mW/g

### #31\_WLAN2.4G\_802.11n-HT20\_Edge 1\_0cm\_Ch6;Ant B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x261x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.187 mW/g

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

Reference Value = 10.319 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.283 mW/g

**SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.193 mW/g

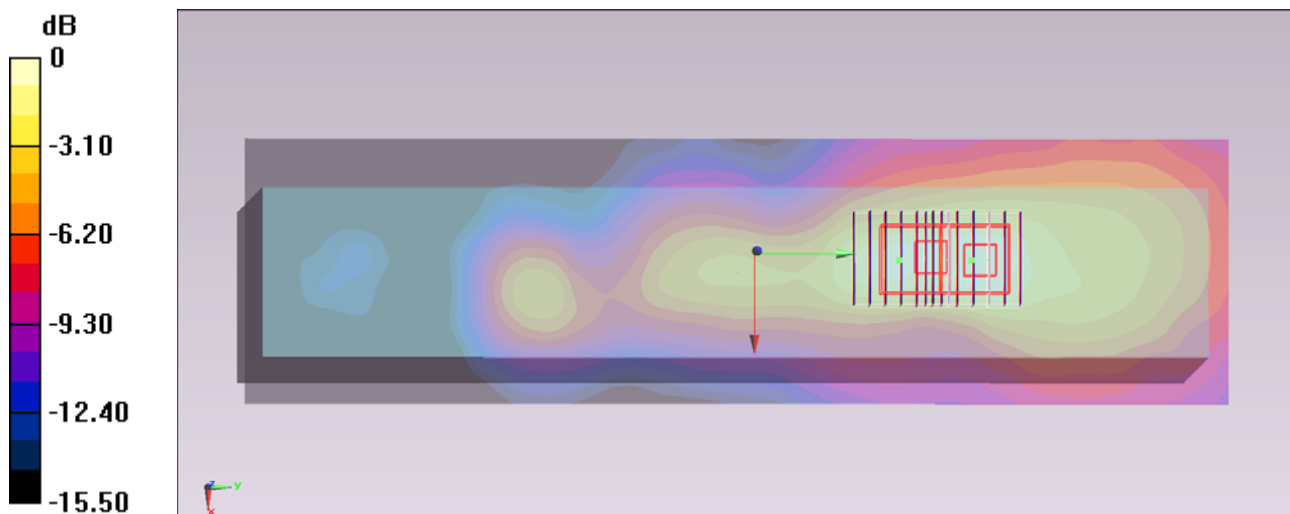
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.319 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.248 mW/g

**SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168 mW/g = -15.49 dB mW/g



### #32\_WLAN2.4G\_802.11n-HT40\_Edge 1\_0cm\_Ch6;Ant B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x261x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.171 mW/g

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

Reference Value = 9.847 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.261 mW/g

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.181 mW/g

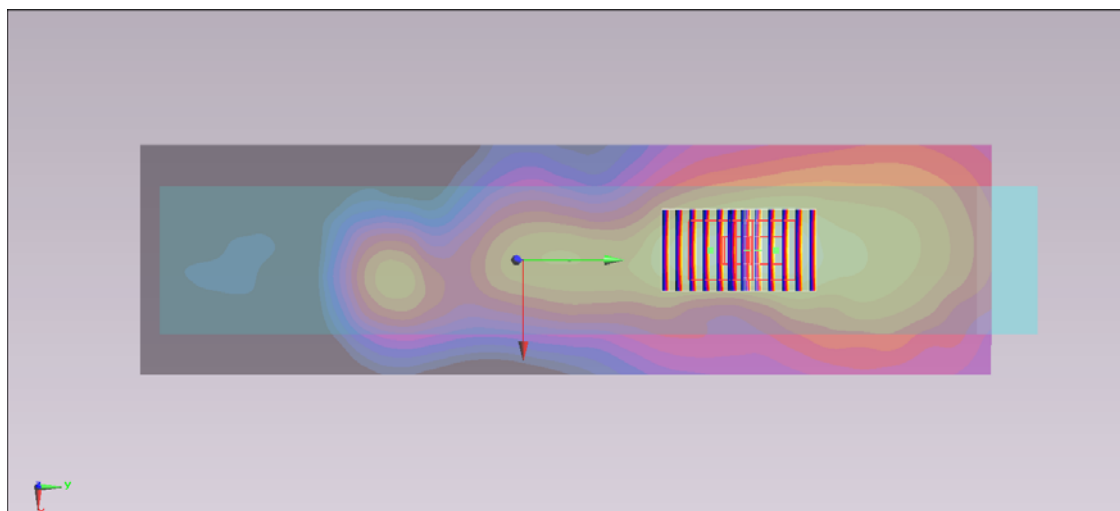
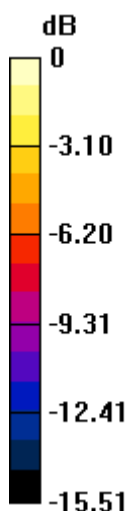
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.847 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.237 mW/g

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.155 mW/g



0 dB = 0.155 mW/g = -16.19 dB mW/g

### #35\_WLAN2.4G\_802.11n-HT20\_Bottom Face\_0cm\_Ch6;Ant A+B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (81x271x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.103 mW/g

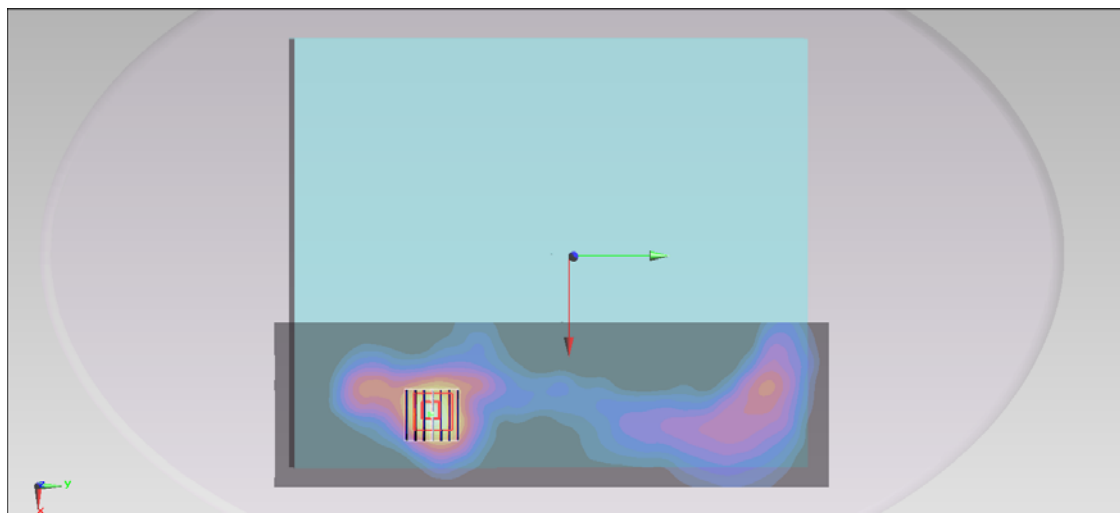
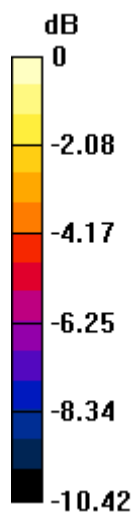
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.761 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.164 mW/g

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.104 mW/g = -19.66 dB mW/g

### #36\_WLAN2.4G\_802.11n-HT20\_Edge 1\_0cm\_Ch6;Ant A+B

**DUT: 330705**

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

Medium: MSL\_2450\_130312 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.887$  mho/m;  $\epsilon_r = 51.868$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

**Configuration/Ch6/Area Scan (71x261x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.0892 mW/g

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

Reference Value = 4.564 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.139 mW/g

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.045 mW/g**

Maximum value of SAR (measured) = 0.0980 mW/g

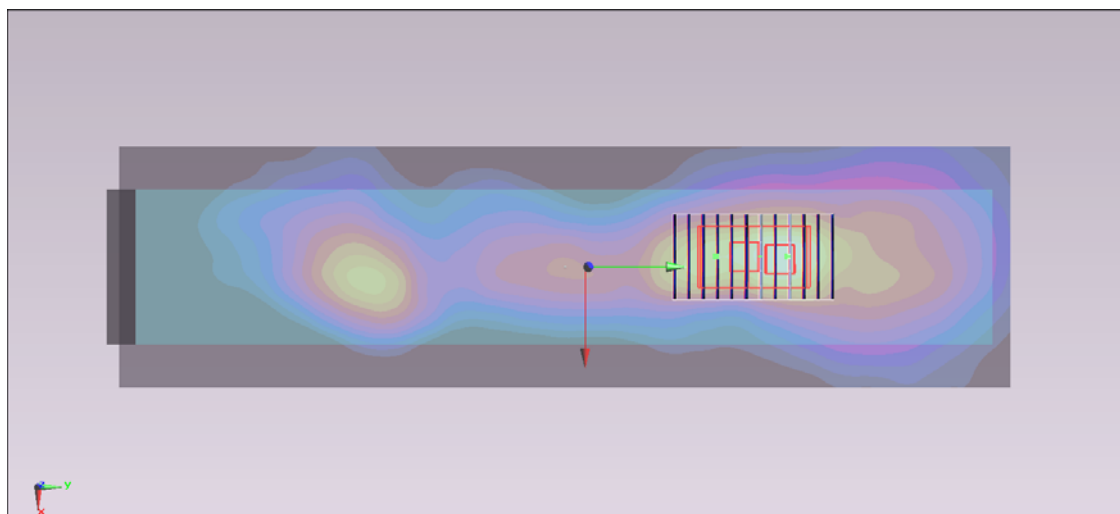
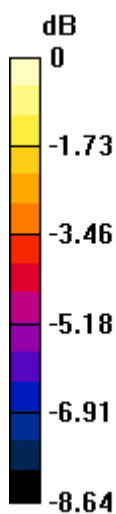
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.564 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.120 mW/g

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.0883 mW/g



0 dB = 0.0883 mW/g = -21.08 dB mW/g

### #39\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch48;Ant A

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0867 mW/g

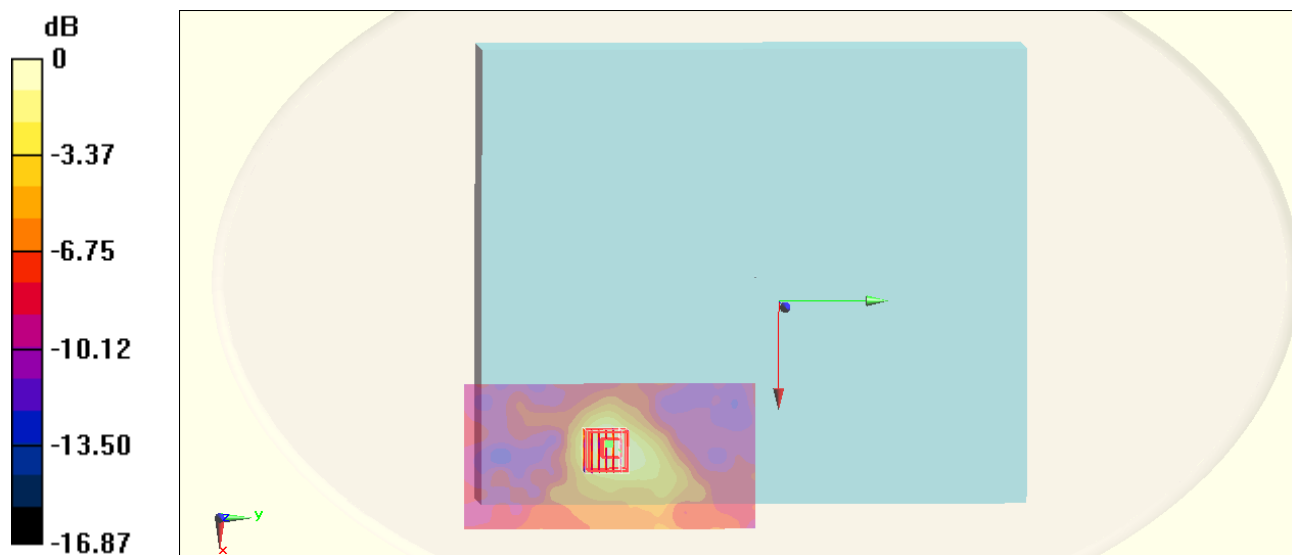
**Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.439 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.154 mW/g

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.027 mW/g**

Maximum value of SAR (measured) = 0.0923 mW/g



## #59\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch48;Ant A

**DUT: 330705**

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

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.295$  mho/m;  $\epsilon_r = 47.423$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.46, 4.46, 4.46); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch48/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.112 mW/g

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

Reference Value = 4.079 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.117 mW/g

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00841 mW/g**

Maximum value of SAR (measured) = 0.0665 mW/g

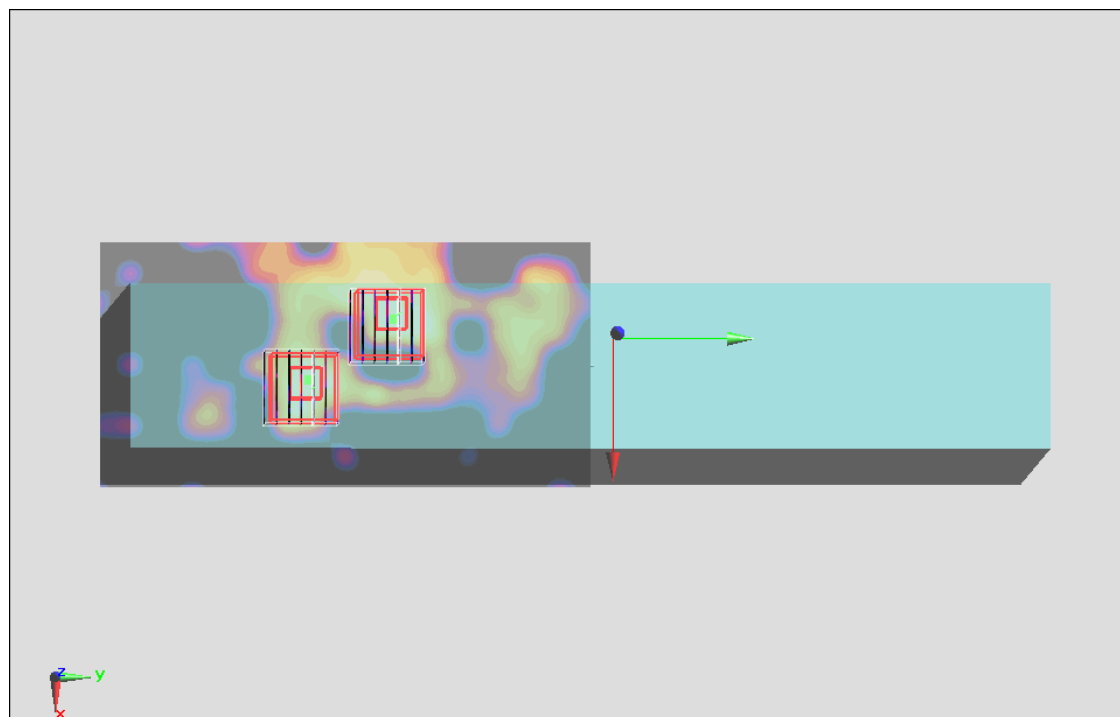
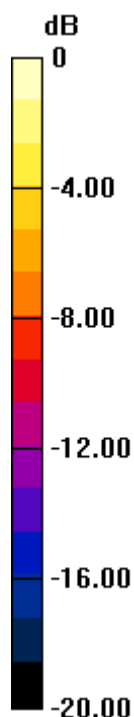
**Configuration/Ch48/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.079 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.124 mW/g

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00639 mW/g**

Maximum value of SAR (measured) = 0.0725 mW/g



0 dB = 0.0725 mW/g = -22.79 dB mW/g

### #40\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch60;Ant A

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.422$  mho/m;  $\epsilon_r = 47.242$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (81x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0647 mW/g

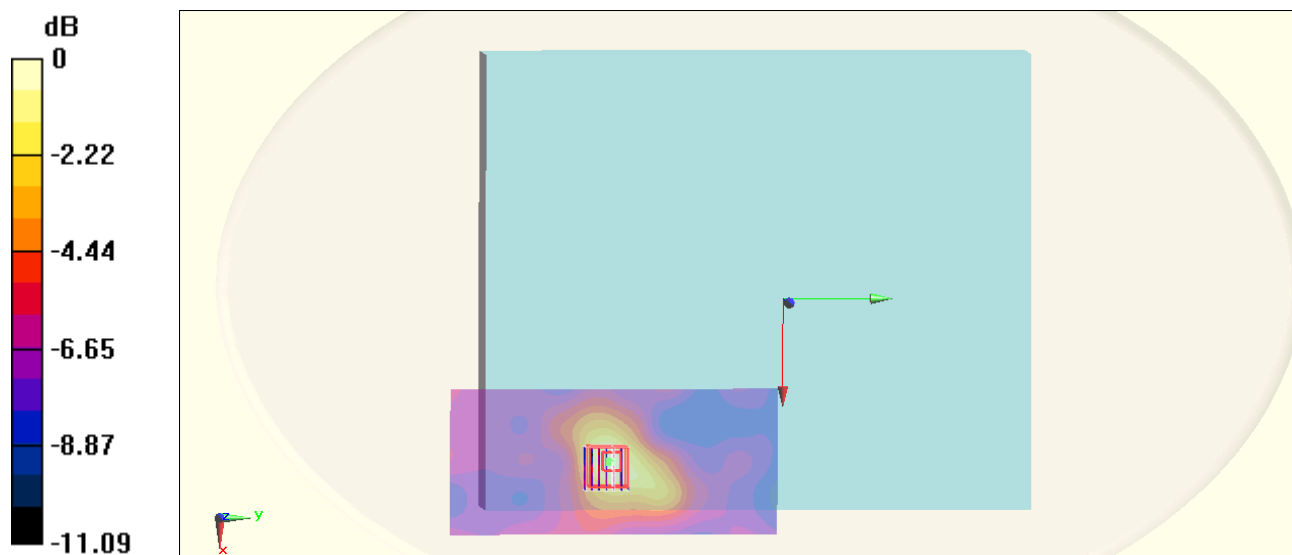
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.877 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.130 mW/g

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.0674 mW/g



0 dB = 0.0674 mW/g = -23.43 dB mW/g

## #60\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch60;Ant A

**DUT: 330705**

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

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.405$  mho/m;  $\epsilon_r = 47.298$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.110 mW/g

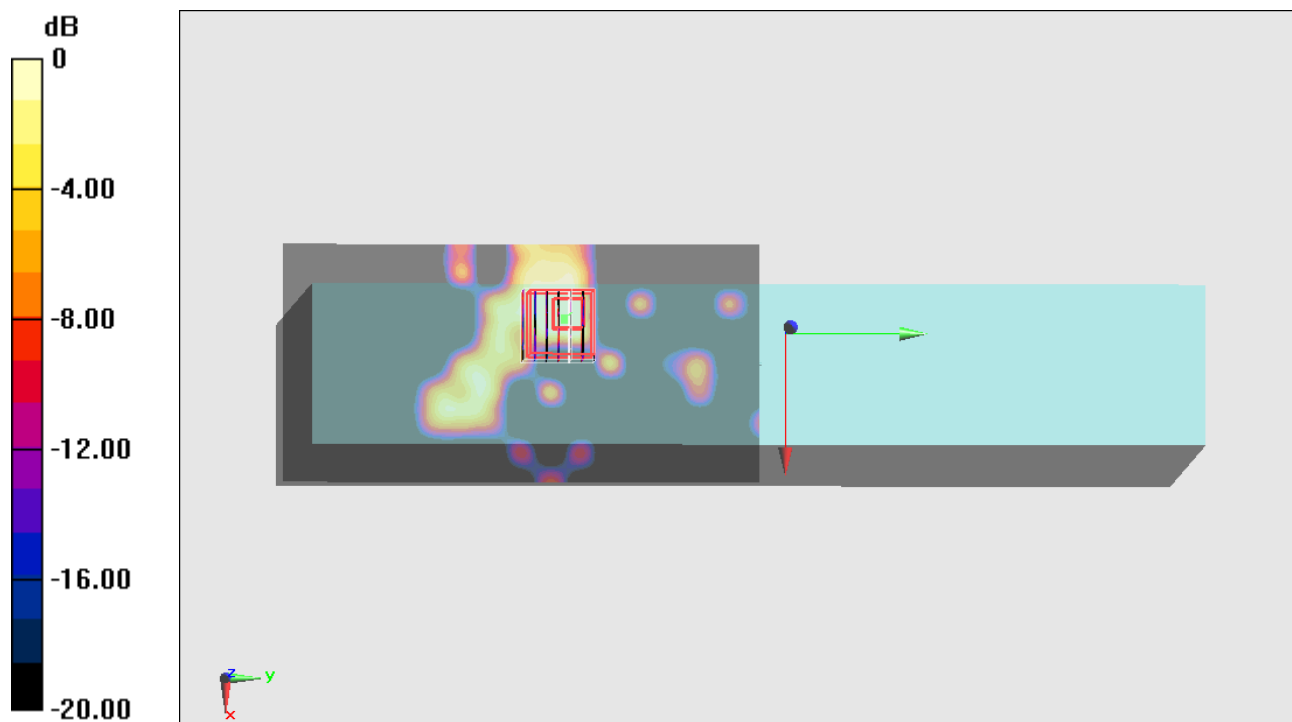
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.534 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.123 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00559 mW/g**

Maximum value of SAR (measured) = 0.0455 mW/g



0 dB = 0.0455 mW/g = -26.84 dB mW/g

## #41\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch140;Ant A

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.995$  mho/m;  $\epsilon_r = 46.608$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x181x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.154 mW/g

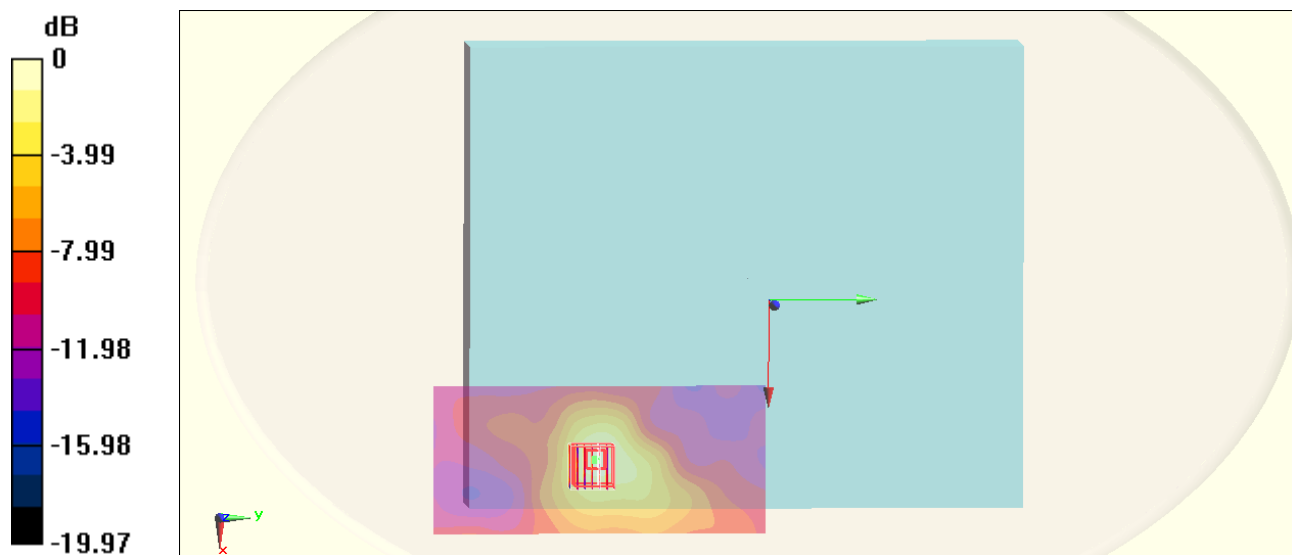
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.350 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.268 mW/g

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.171 mW/g



0 dB = 0.171 mW/g = -15.34 dB mW/g



### #73\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch140;Ant A

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.995$  mho/m;  $\epsilon_r = 46.608$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.272 mW/g

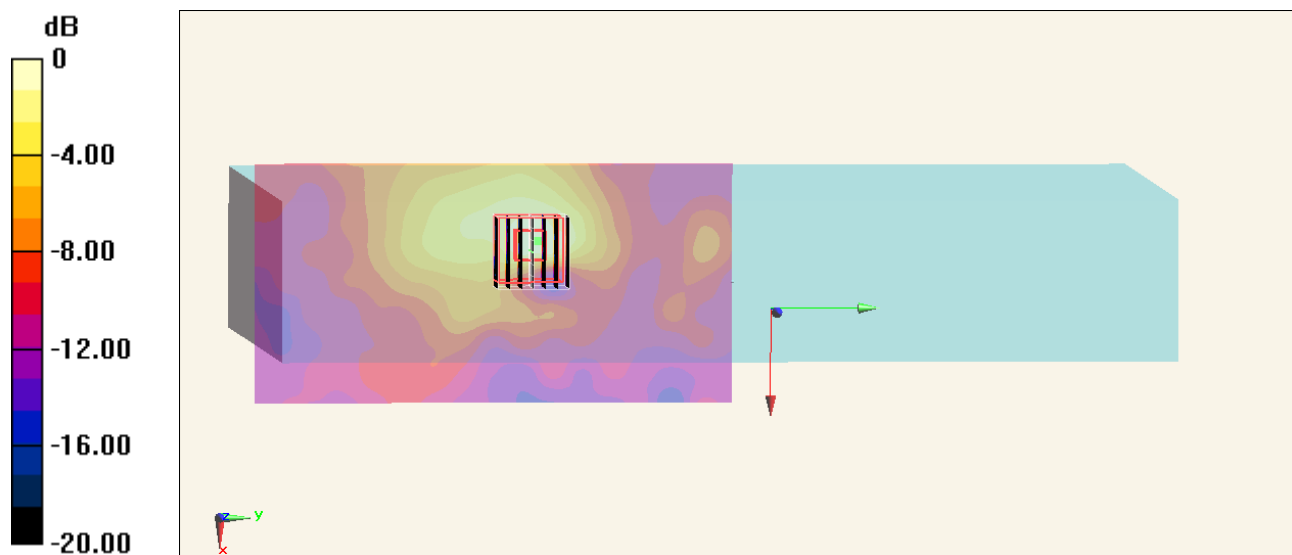
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.605 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.365 mW/g

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.224 mW/g = -13.00 dB mW/g

### #42\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch157;Ant A

**DUT: 330705**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.165$  mho/m;  $\epsilon_r = 46.498$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (81x181x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.340 mW/g

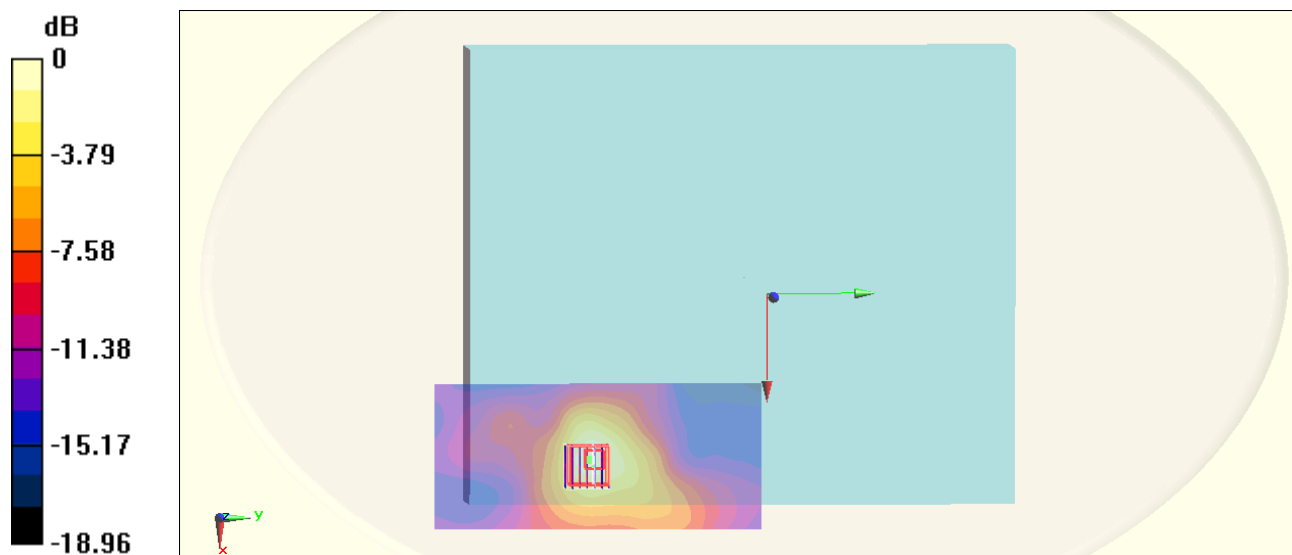
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.001 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.573 mW/g

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.073 mW/g**

Maximum value of SAR (measured) = 0.353 mW/g



0 dB = 0.353 mW/g = -9.04 dB mW/g

## #74\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch157;Ant A

**DUT: 330705**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.165$  mho/m;  $\epsilon_r = 46.498$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.463 mW/g

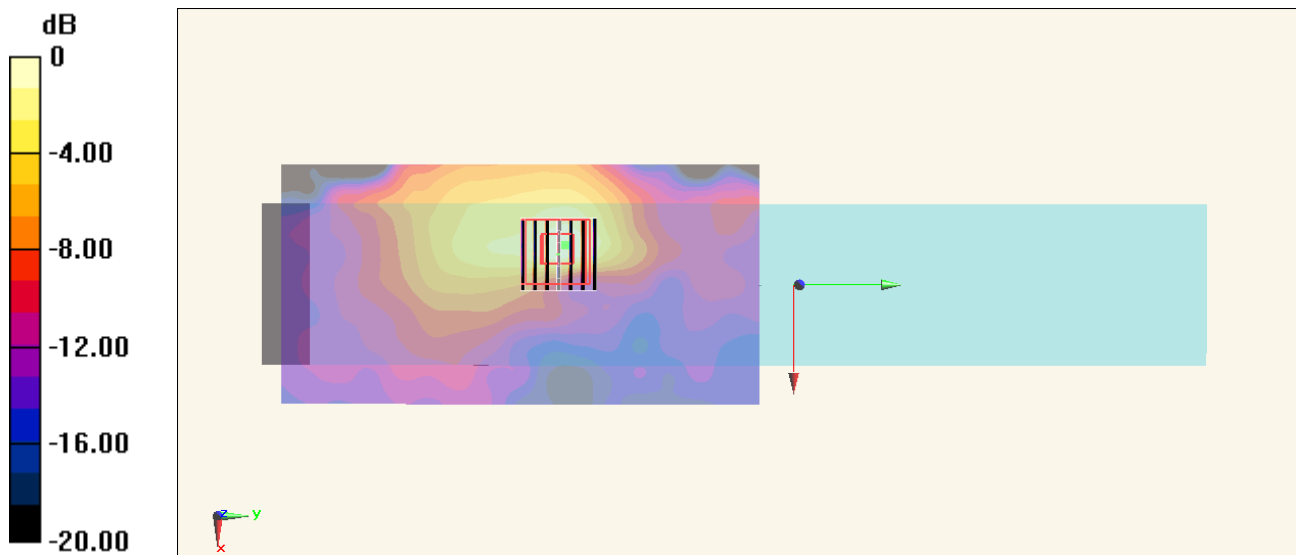
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 9.741 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.648 mW/g

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.406 mW/g



0 dB = 0.406 mW/g = -7.83 dB mW/g

## #49\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch36;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130314 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(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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) = 0.0647 mW/g

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

Reference Value = 3.744 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.114 mW/g

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.020 mW/g**

Maximum value of SAR (measured) = 0.0635 mW/g

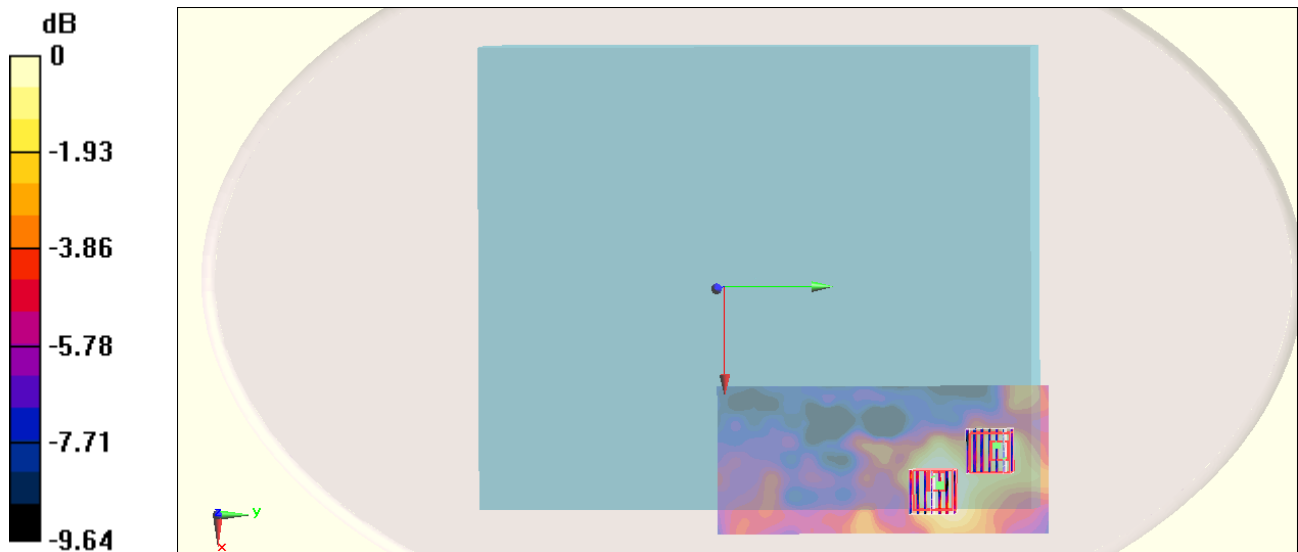
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.744 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.113 mW/g

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0488 mW/g



0 dB = 0.0488 mW/g = -26.23 dB mW/g

## #61\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch36;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.232$  mho/m;  $\epsilon_r = 47.554$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.46, 4.46, 4.46); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch36/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.151 mW/g

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

Reference Value = 6.063 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.225 mW/g

**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g

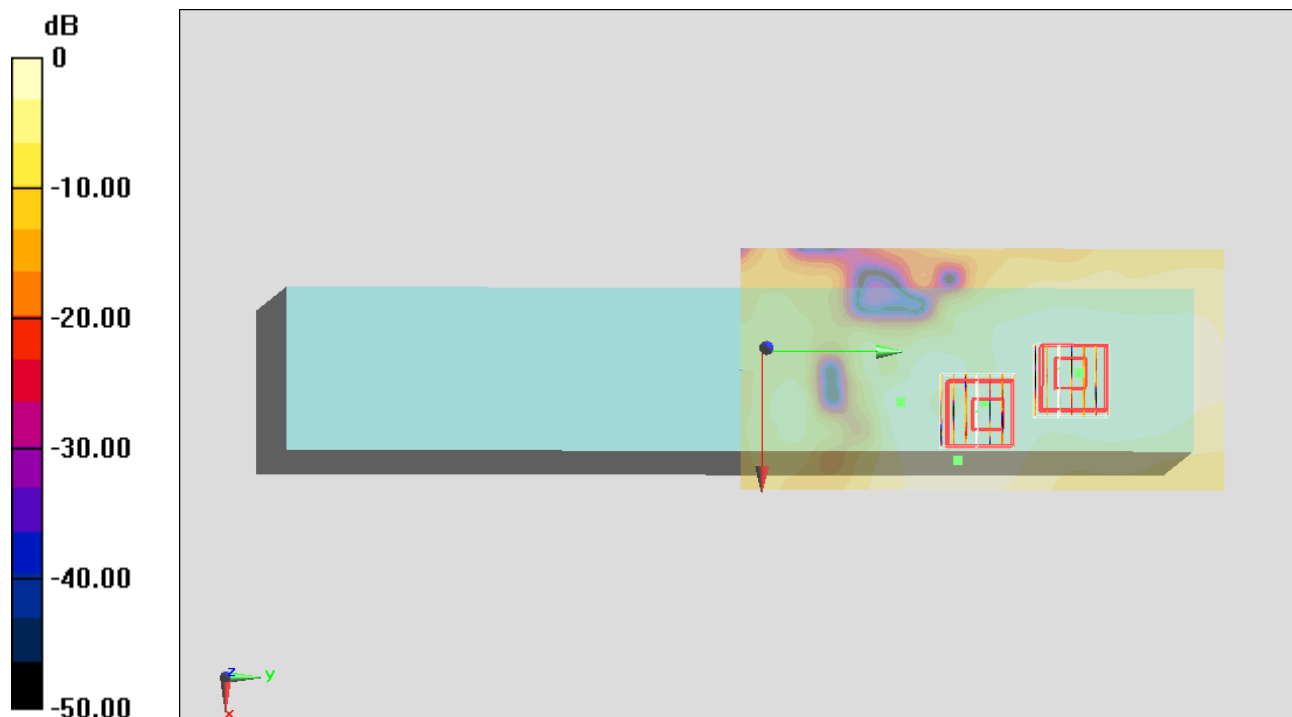
**Configuration/Ch36/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.063 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.228 mW/g

**SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129 mW/g = -17.79 dB mW/g

## #51\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch52;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.339$  mho/m;  $\epsilon_r = 47.318$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x181x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.100 mW/g

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

Reference Value = 5.082 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.197 mW/g

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g

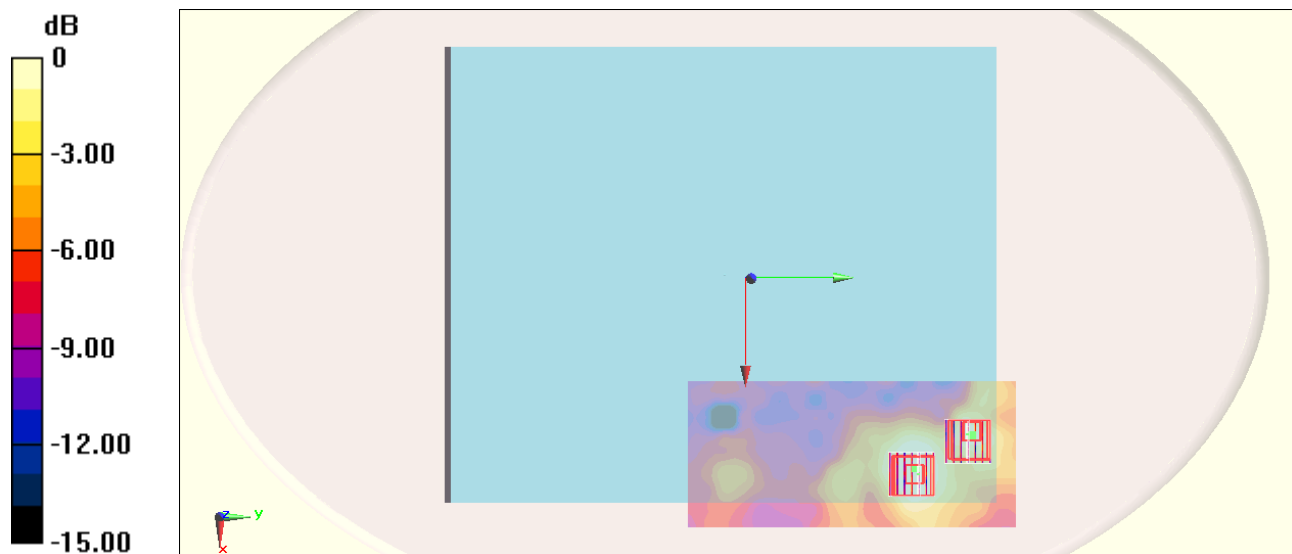
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.082 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.146 mW/g

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.021 mW/g**

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



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

## #62\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch52;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.322$  mho/m;  $\epsilon_r = 47.372$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch52/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.181 mW/g

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

Reference Value = 7.085 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.326 mW/g

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.200 mW/g

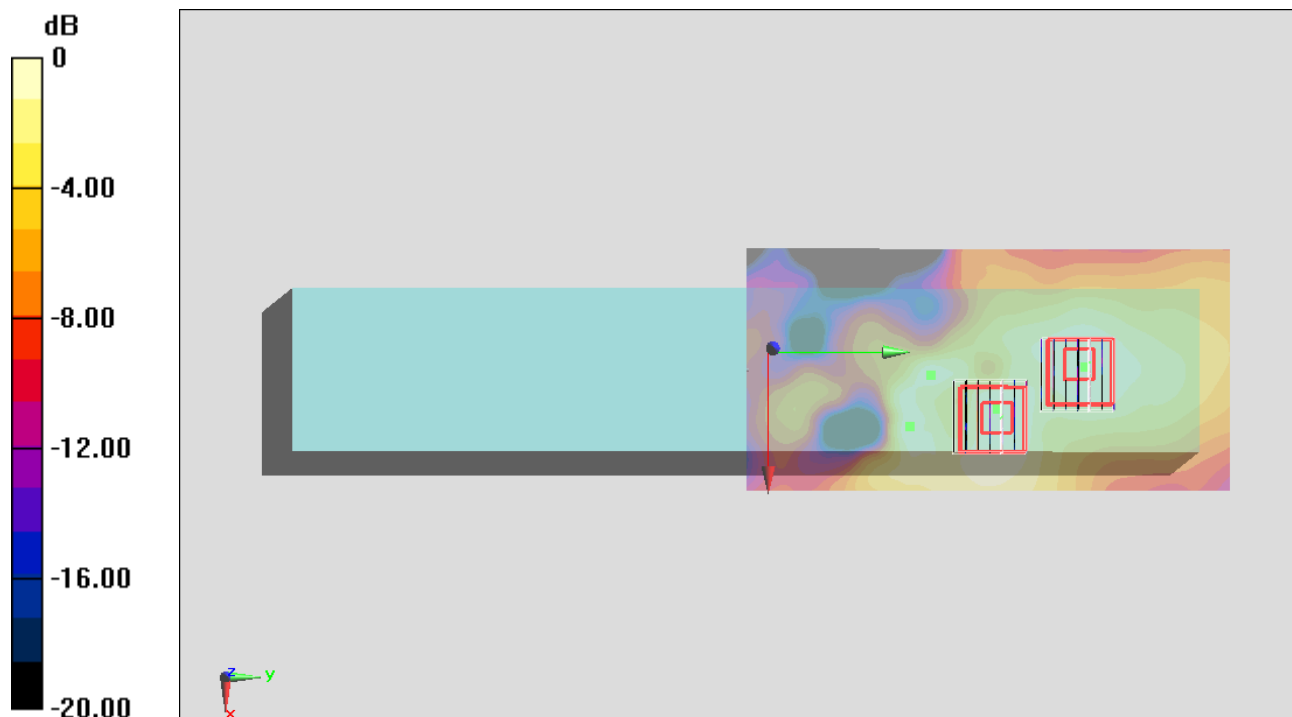
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.085 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.245 mW/g

**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162 mW/g = -15.81 dB mW/g

### #53\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch140;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.995$  mho/m;  $\epsilon_r = 46.608$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x181x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0542 mW/g

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

Reference Value = 1.017 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.108 mW/g

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.0505 mW/g

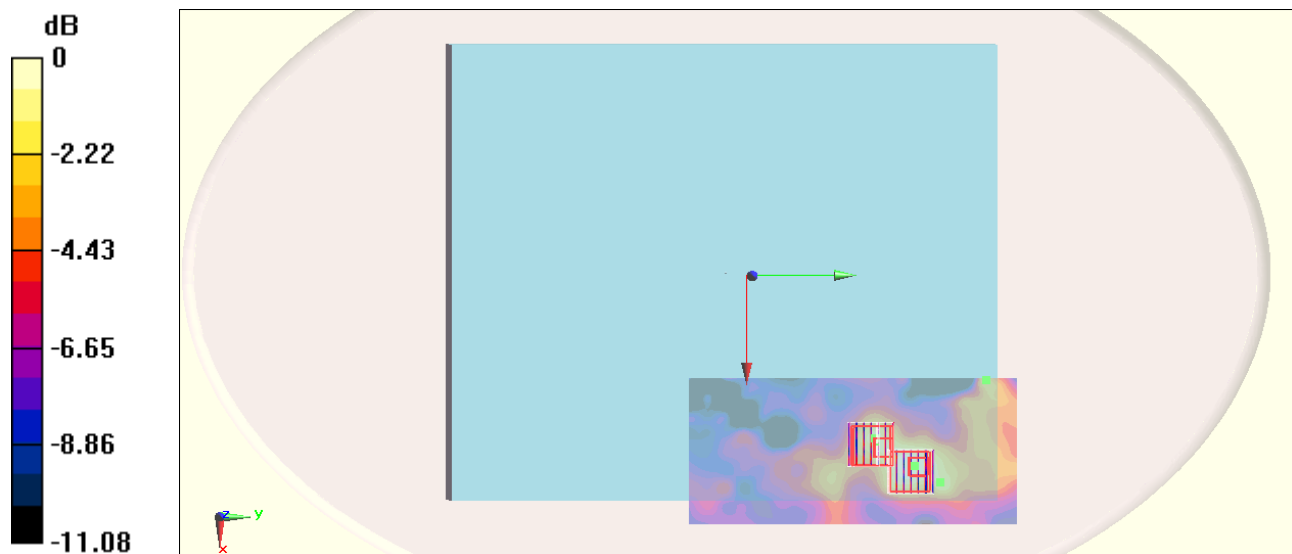
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.017 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.093 mW/g

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.016 mW/g**

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



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



### #75\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch140;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.995$  mho/m;  $\epsilon_r = 46.608$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.331 mW/g

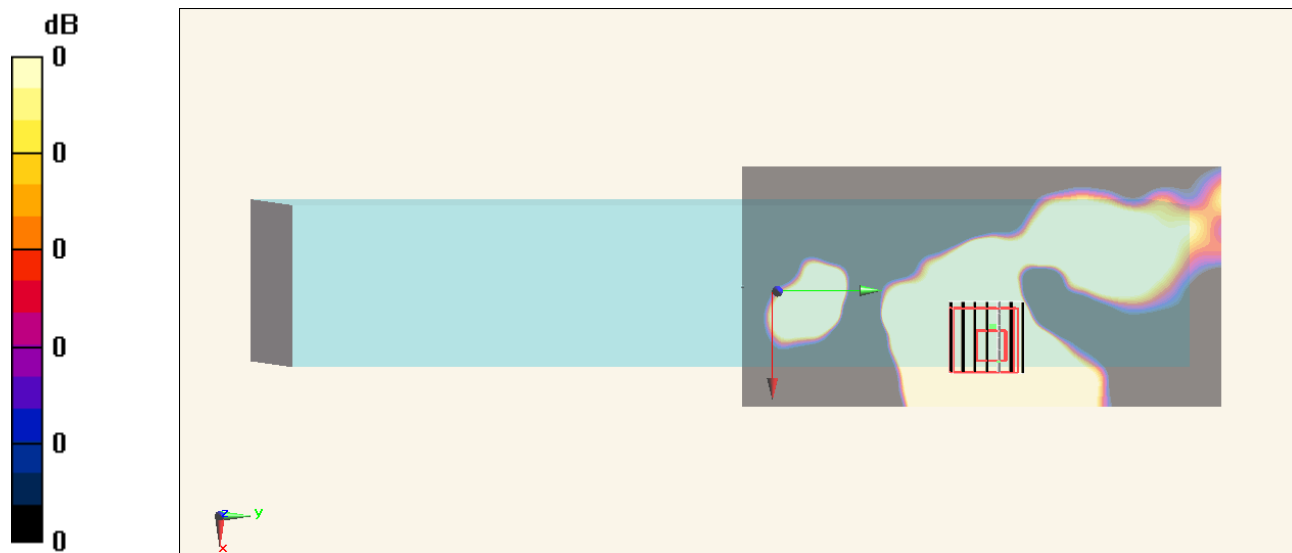
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.228 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.182 mW/g

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00634 mW/g**

Maximum value of SAR (measured) = 0.0533 mW/g



0 dB = 0.0533 mW/g = -25.47 dB mW/g

## #56\_WLAN5G\_802.11a\_Bottom Face\_0cm\_Ch165;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130315 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.044$  mho/m;  $\epsilon_r = 46.456$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (81x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0771 mW/g

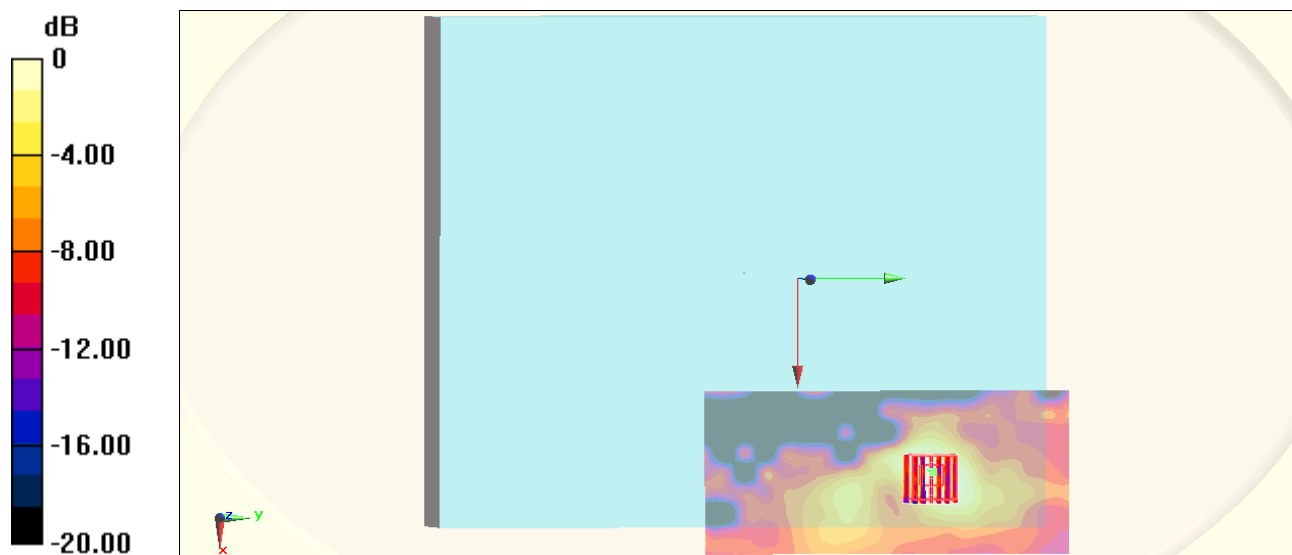
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.020 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.161 mW/g

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.0782 mW/g



0 dB = 0.0782 mW/g = -22.14 dB mW/g

## #76\_WLAN5G\_802.11a\_Edge1\_0cm\_Ch165;Ant B

**DUT: 330705**

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

Medium: MSL\_5G\_130314 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.245$  mho/m;  $\epsilon_r = 46.374$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch165/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0766 mW/g

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

Reference Value = 4.290 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.182 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00774 mW/g**

Maximum value of SAR (measured) = 0.0563 mW/g

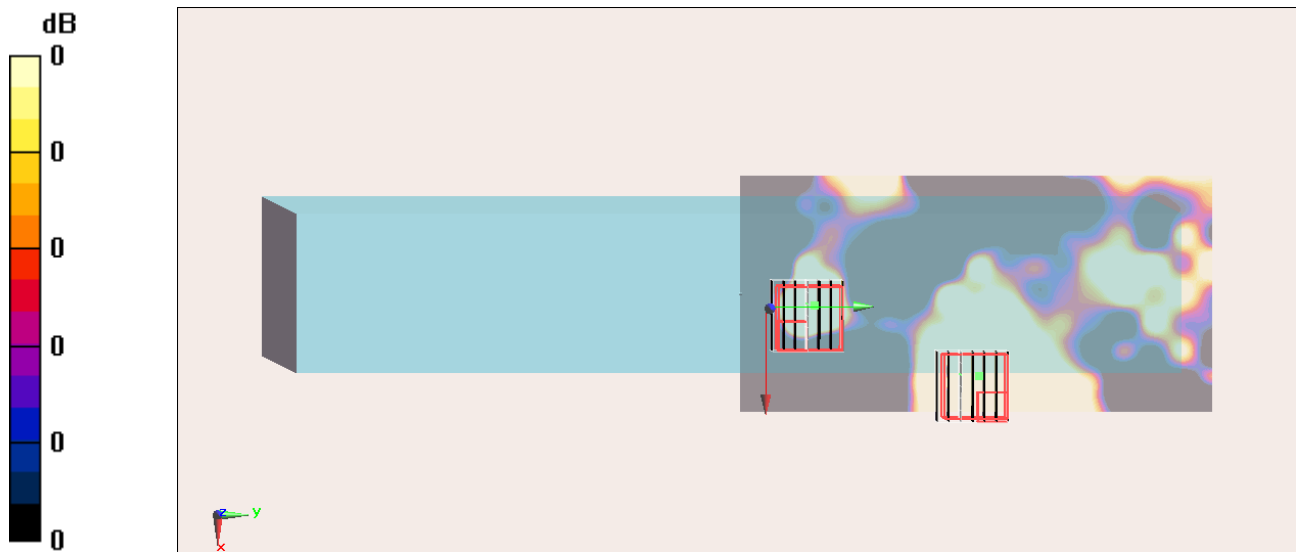
**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.290 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.077 mW/g

**SAR(1 g) = 0.00314 mW/g; SAR(10 g) = 0.000789 mW/g**

Maximum value of SAR (measured) = 0.0223 mW/g



0 dB = 0.0223 mW/g = -33.03 dB mW/g

**#63\_WLAN5G\_802.11n-HT20\_Bottom Face\_0cm\_Ch44;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.281$  mho/m;  $\epsilon_r = 47.487$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.46, 4.46, 4.46); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch44/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0218 mW/g

**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.208 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.044 mW/g

**SAR(1 g) = 0.0135 mW/g; SAR(10 g) = 0.00386 mW/g**

Maximum value of SAR (measured) = 0.0204 mW/g

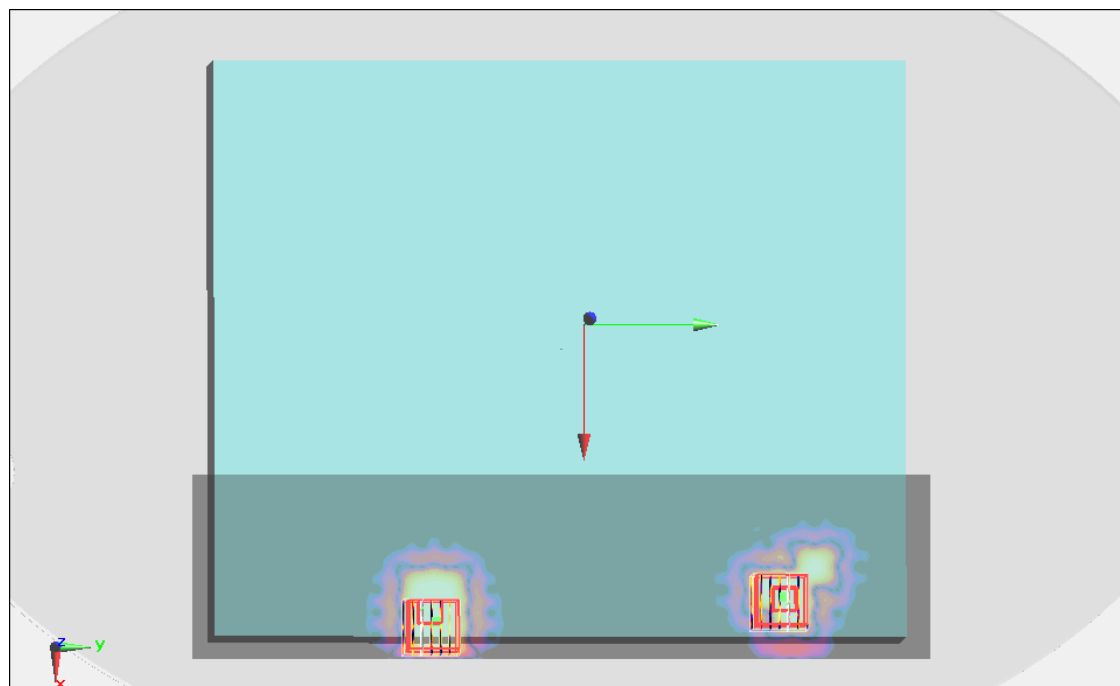
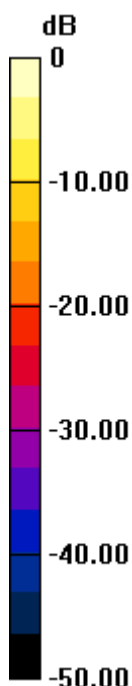
**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.208 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.091 mW/g

**SAR(1 g) = 0.0101 mW/g; SAR(10 g) = 0.00185 mW/g**

Maximum value of SAR (measured) = 0.0146 mW/g



0 dB = 0.0146 mW/g = -36.71 dB mW/g

**#65\_WLAN5G\_802.11n-HT40\_Bottom Face\_0cm\_Ch46;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130314 Medium parameters used :  $f = 5230$  MHz;  $\sigma = 5.304$  mho/m;  $\epsilon_r = 47.402$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch46/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0432 mW/g

**Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.588 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.087 mW/g

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00543 mW/g**

Maximum value of SAR (measured) = 0.0434 mW/g

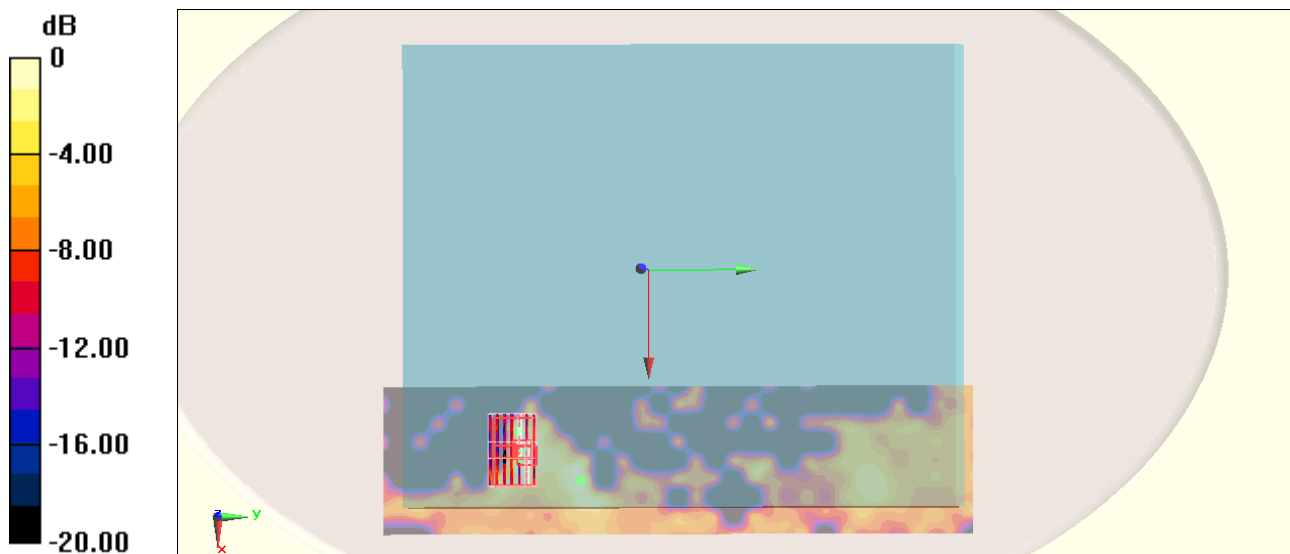
**Configuration/Ch46/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.588 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.096 mW/g

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00623 mW/g**

Maximum value of SAR (measured) = 0.0419 mW/g



0 dB = 0.0419 mW/g = -27.56 dB mW/g

**#64\_WLAN5G\_802.11n-HT20\_Edge1\_0cm\_Ch44;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.281$  mho/m;  $\epsilon_r = 47.487$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

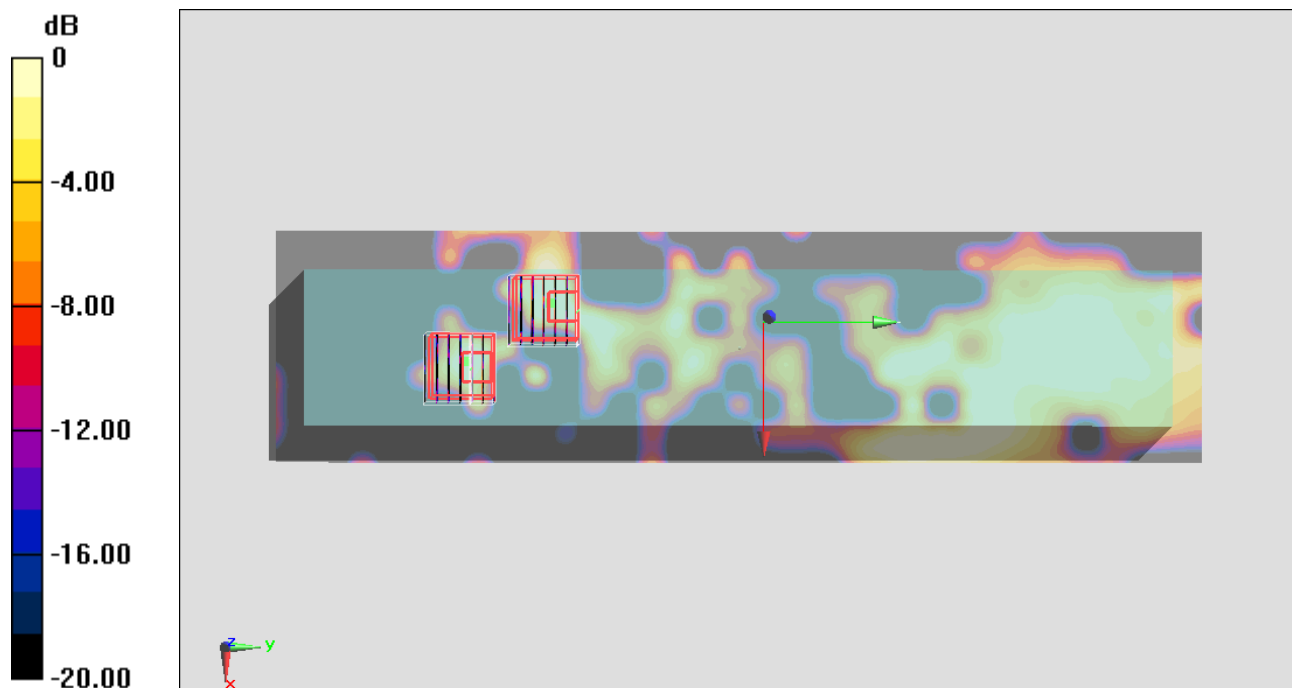
DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.46, 4.46, 4.46); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch44/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0835 mW/g

**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 2.906 V/m; Power Drift = -0.10 dB  
 Peak SAR (extrapolated) = 0.132 mW/g  
**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00373 mW/g**  
 Maximum value of SAR (measured) = 0.0387 mW/g

**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
 Reference Value = 2.906 V/m; Power Drift = -0.10 dB  
 Peak SAR (extrapolated) = 0.068 mW/g  
**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00243 mW/g**  
 Maximum value of SAR (measured) = 0.0368 mW/g



0 dB = 0.0368 mW/g = -28.68 dB mW/g

**#67\_WLAN5G\_802.11n-HT20\_Bottom Face\_0cm\_Ch60;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130319 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.393$  mho/m;  $\epsilon_r = 47.275$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0396 mW/g

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

Reference Value = 2.044 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.094 mW/g

**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0362 mW/g

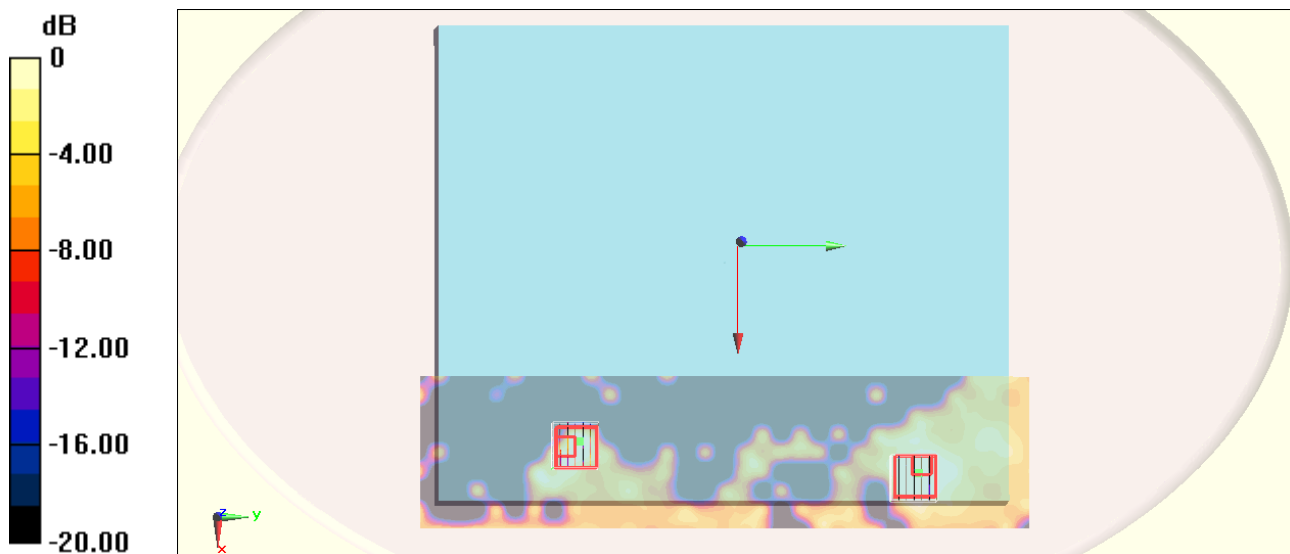
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.044 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.113 mW/g

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00576 mW/g**

Maximum value of SAR (measured) = 0.0242 mW/g



0 dB = 0.0242 mW/g = -32.32 dB mW/g

**#68\_WLAN5G\_802.11n-HT20\_Edge1\_0cm\_Ch60;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130316 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.405$  mho/m;  $\epsilon_r = 47.298$ ;  $\rho =$

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

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3661; ConvF(4.29, 4.29, 4.29); Calibrated: 2013/1/15;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.0882 mW/g

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

Reference Value = 4.433 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.191 mW/g

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.0834 mW/g

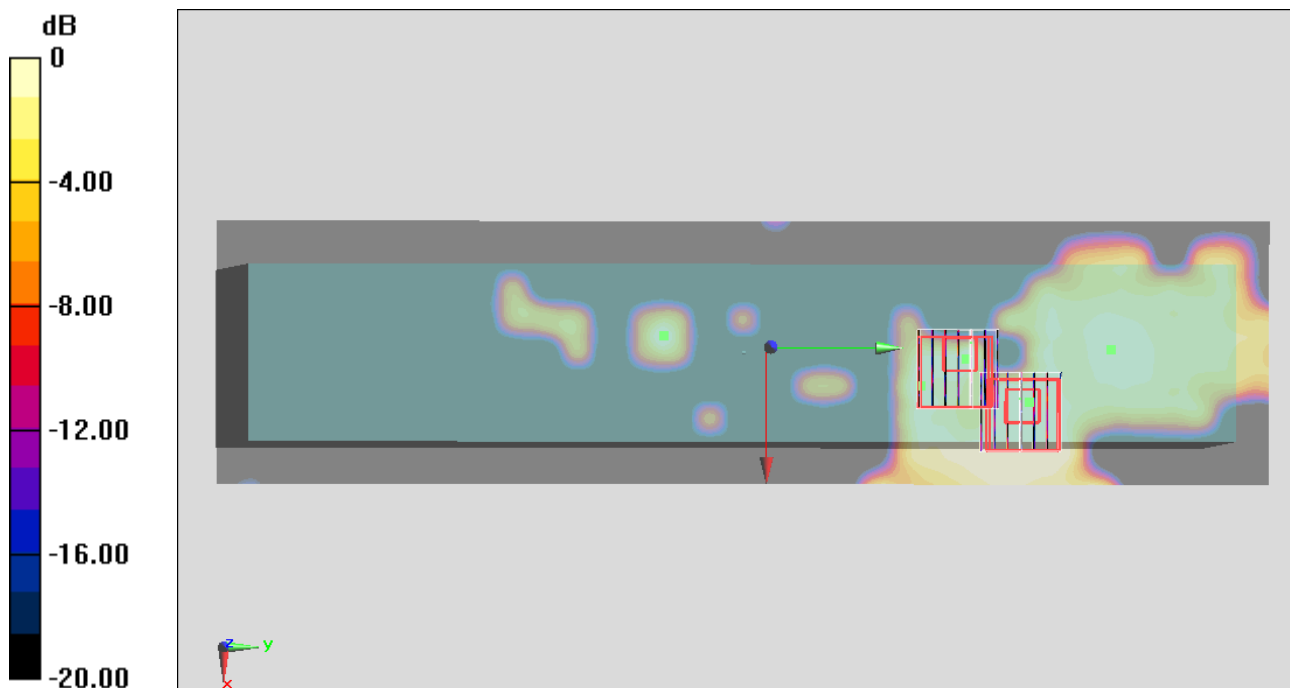
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.433 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.102 mW/g

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00573 mW/g**

Maximum value of SAR (measured) = 0.0598 mW/g



0 dB = 0.0598 mW/g = -24.47 dB mW/g



### #72\_WLAN5G\_802.11n-HT20\_Bottom Face\_0cm\_Ch140;Ant A+B

**DUT: 330705**

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

Medium: MSL\_5G\_130319 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.959$  mho/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 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.0605 mW/g

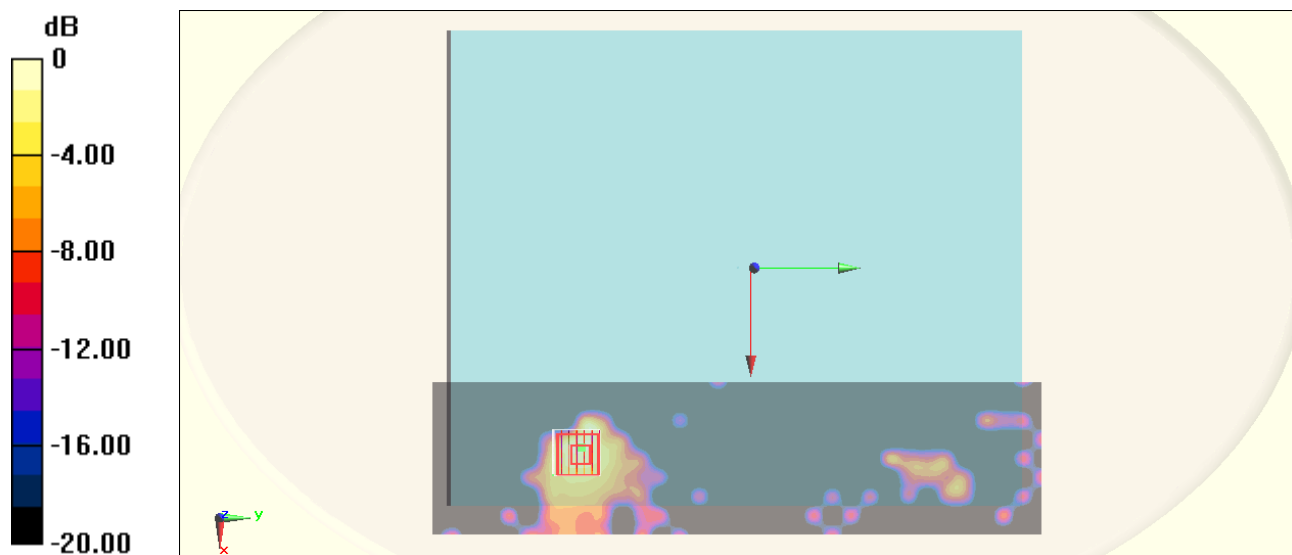
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.588 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.120 mW/g

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.0683 mW/g



0 dB = 0.0683 mW/g = -23.31 dB mW/g

**#70\_WLAN5G\_802.11n-HT20\_Edge1\_0cm\_Ch140;Ant A+B**

**DUT: 330705**

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

Medium: MSL\_5G\_130319 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.959$  mho/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 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- 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 (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.113 mW/g

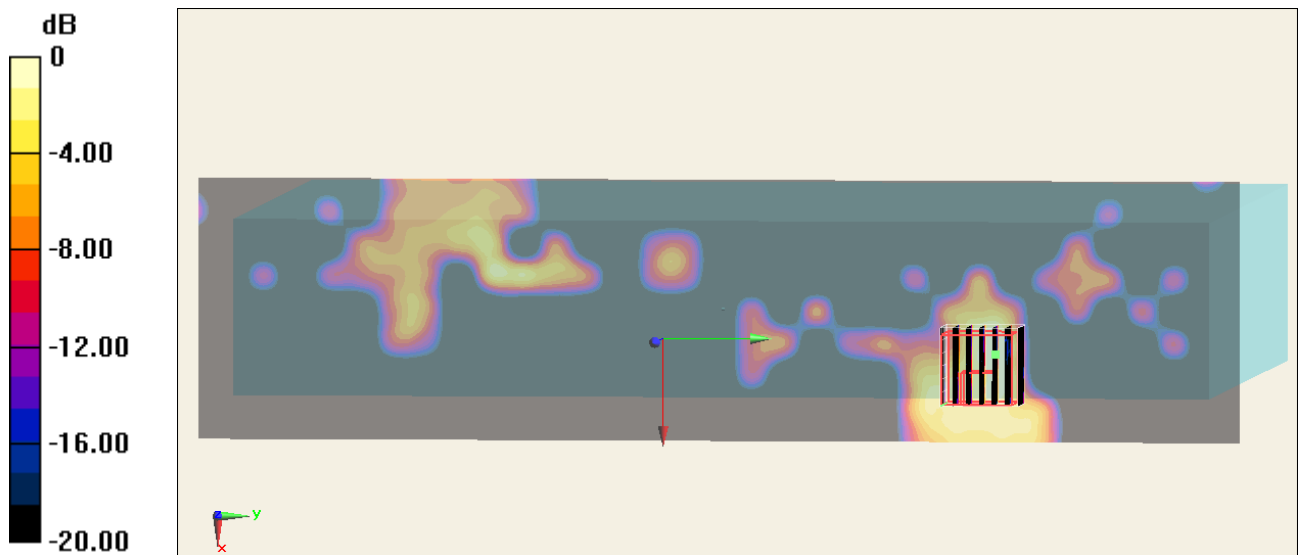
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 6.703 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.176 mW/g

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00932 mW/g**

Maximum value of SAR (measured) = 0.0890 mW/g



0 dB = 0.0890 mW/g = -21.01 dB mW/g

**#119\_WLAN5G\_802.11n-HT20\_Bottom Face\_0cm\_Ch157;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130319 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 6.131$  mho/m;  $\epsilon_r = 46.556$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.144 mW/g

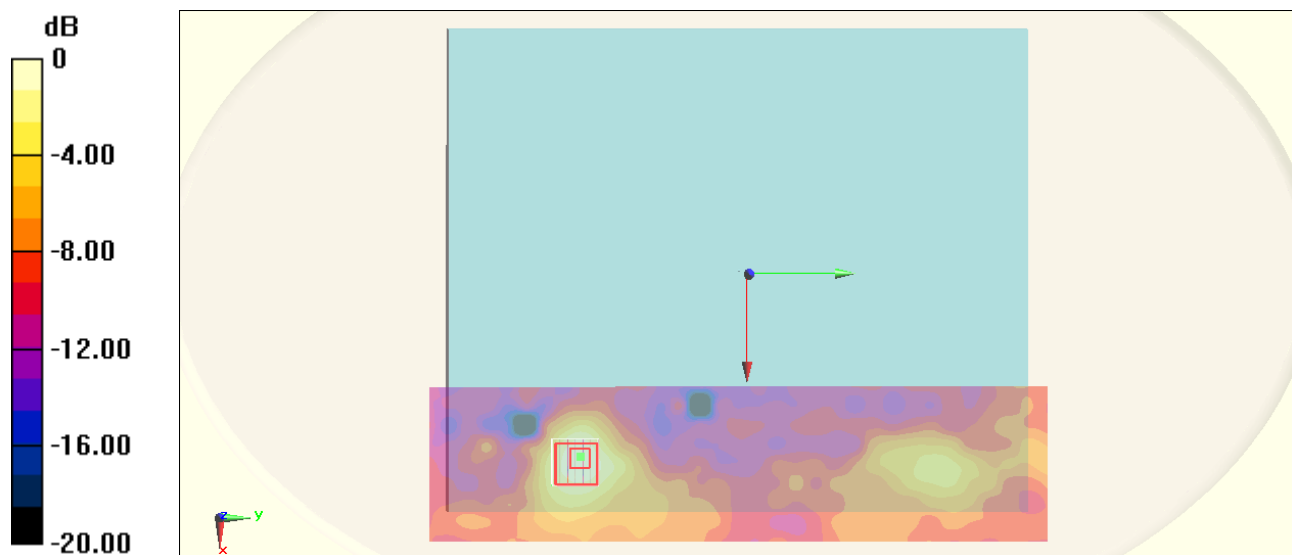
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.185 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.244 mW/g

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139 mW/g = -17.14 dB mW/g

**#71\_WLAN5G\_802.11n-HT20\_Edge1\_0cm\_Ch157;Ant A+B**

**DUT: 330705**

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130319 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 6.131$  mho/m;  $\epsilon_r = 46.556$ ;  $\rho =$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (81x321x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.202 mW/g

**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.503 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.379 mW/g

**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.205 mW/g

**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.503 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.338 mW/g

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195 mW/g = -14.20 dB mW/g