

## SAR Test Plots

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery**

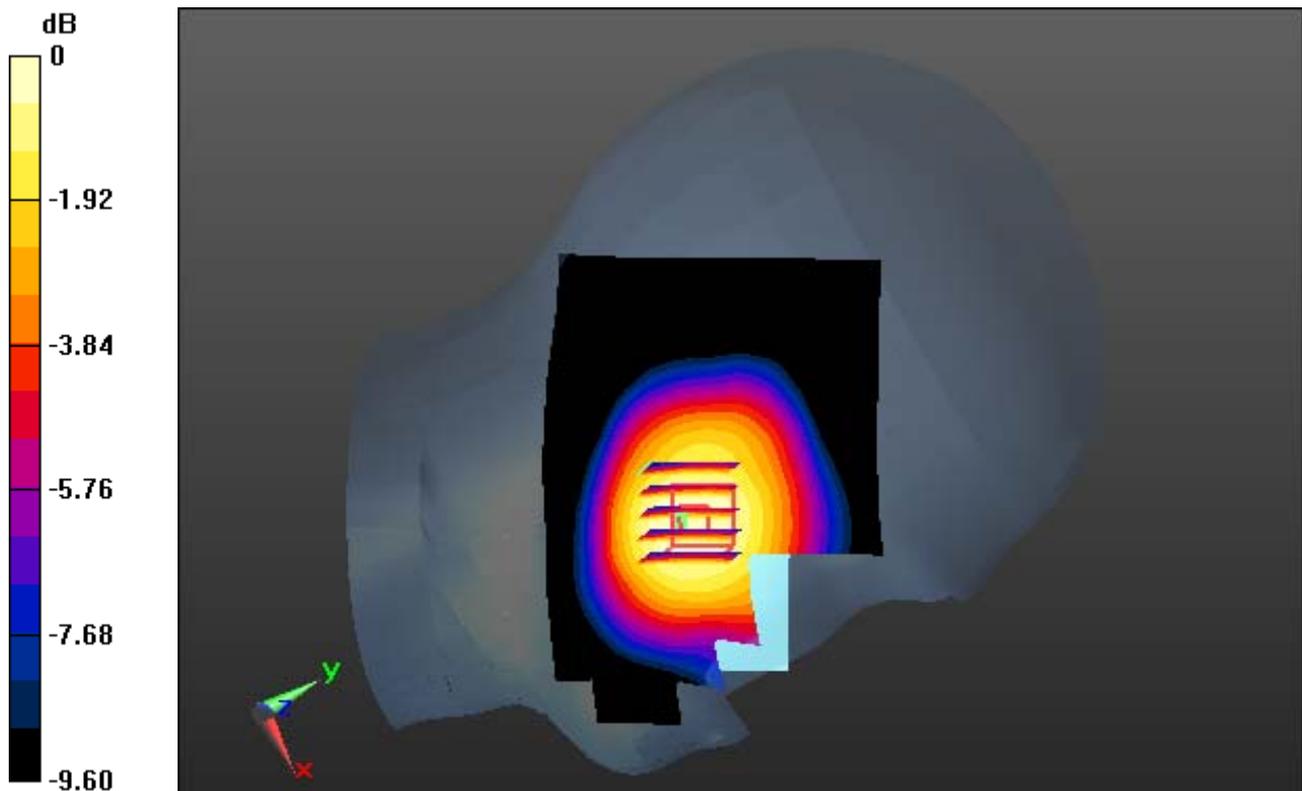
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.262 mW/g

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.160 W/kg**



0 dB = 0.239 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

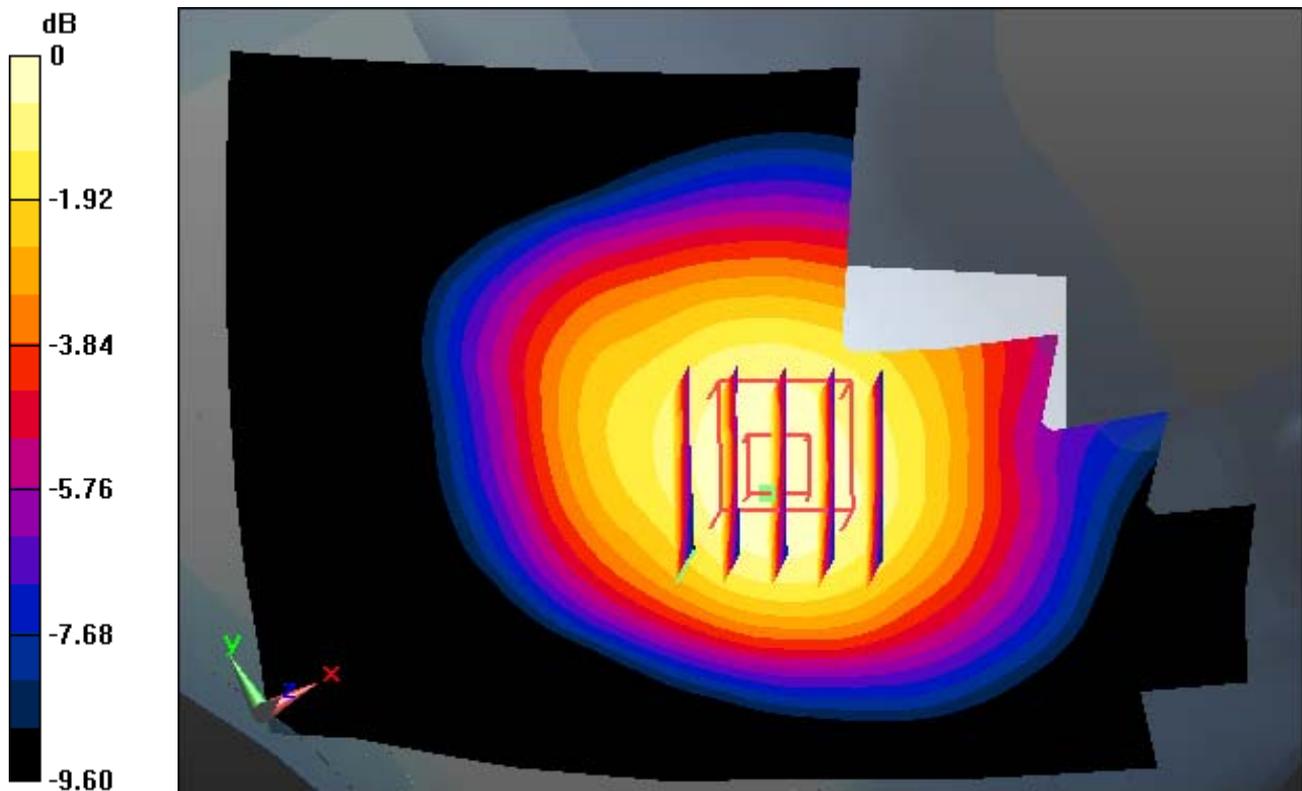
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

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Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

## **Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery**

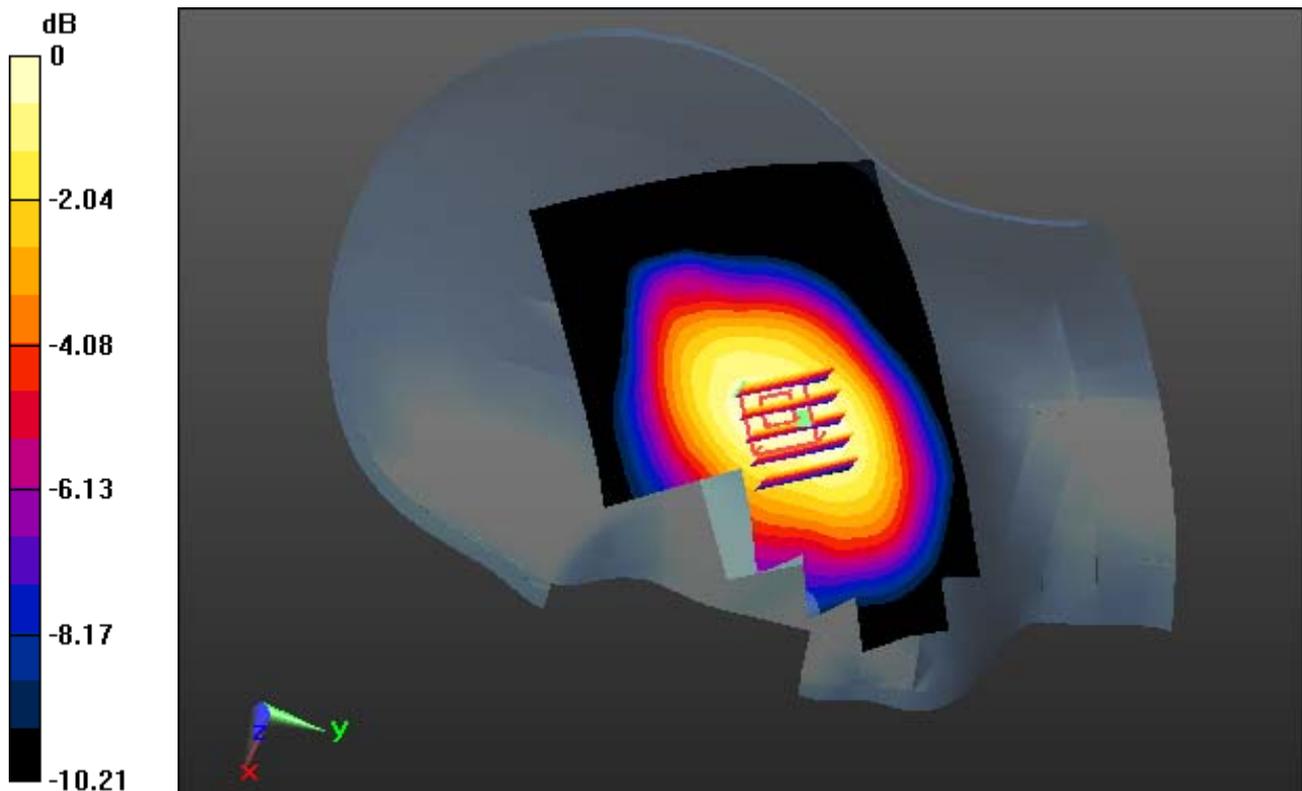
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.228 mW/g

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.136 W/kg



0 dB = 0.207 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

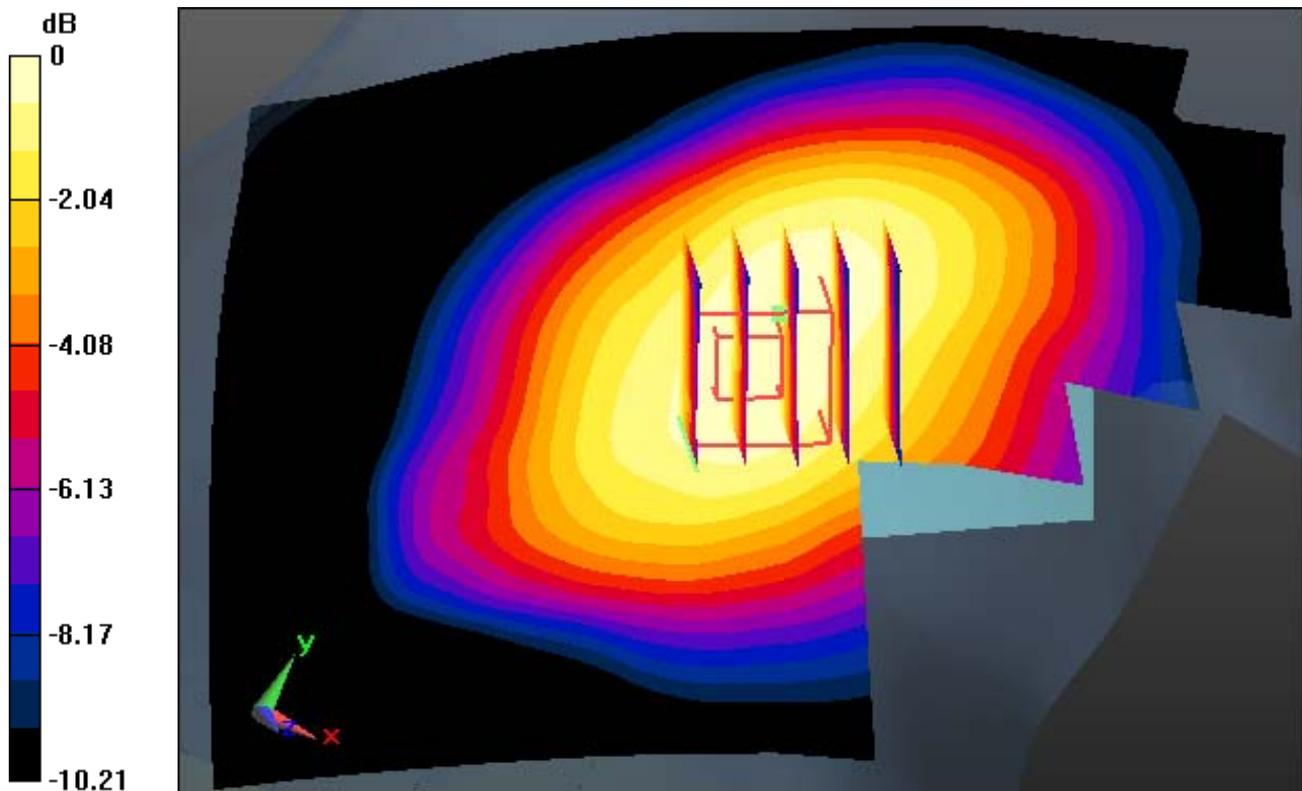
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.11 dB  
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Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

## **Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery**

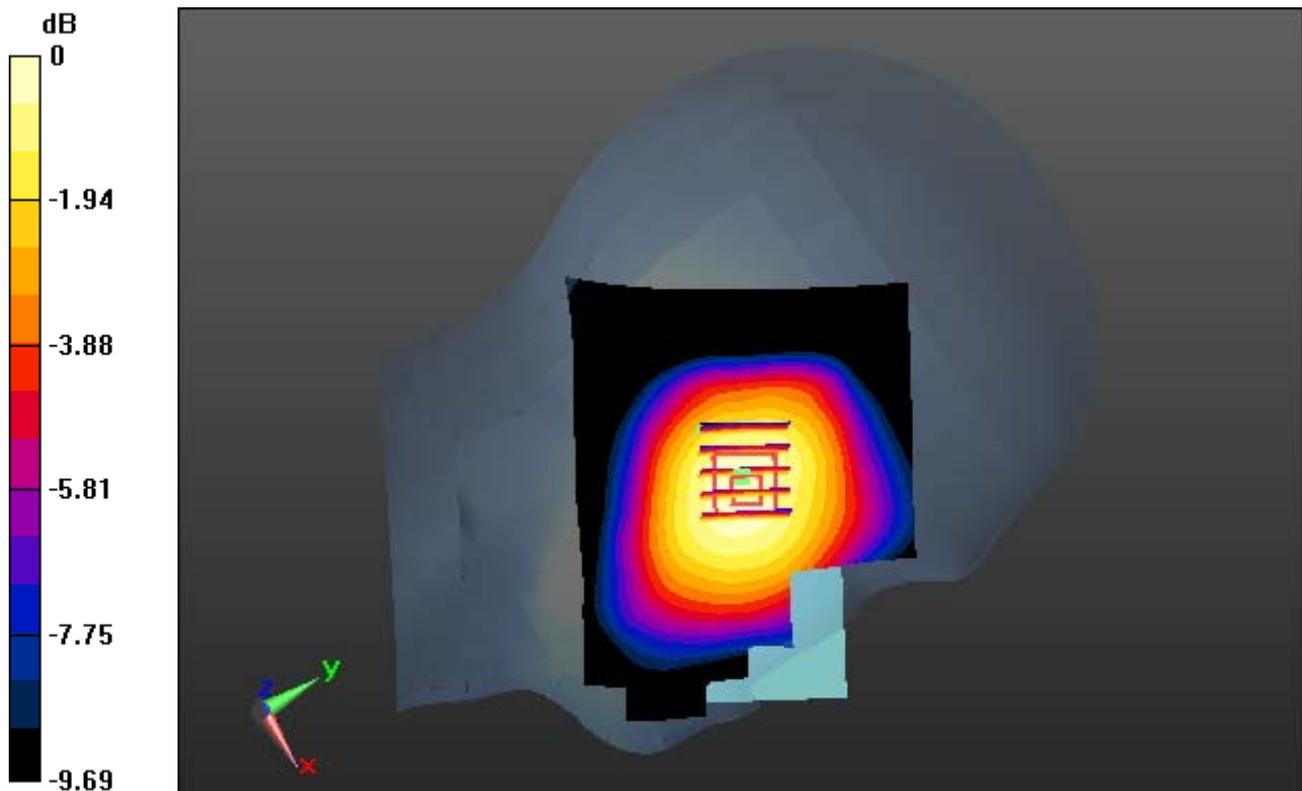
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.131 mW/g

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.081 W/kg**



0 dB = 0.120 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

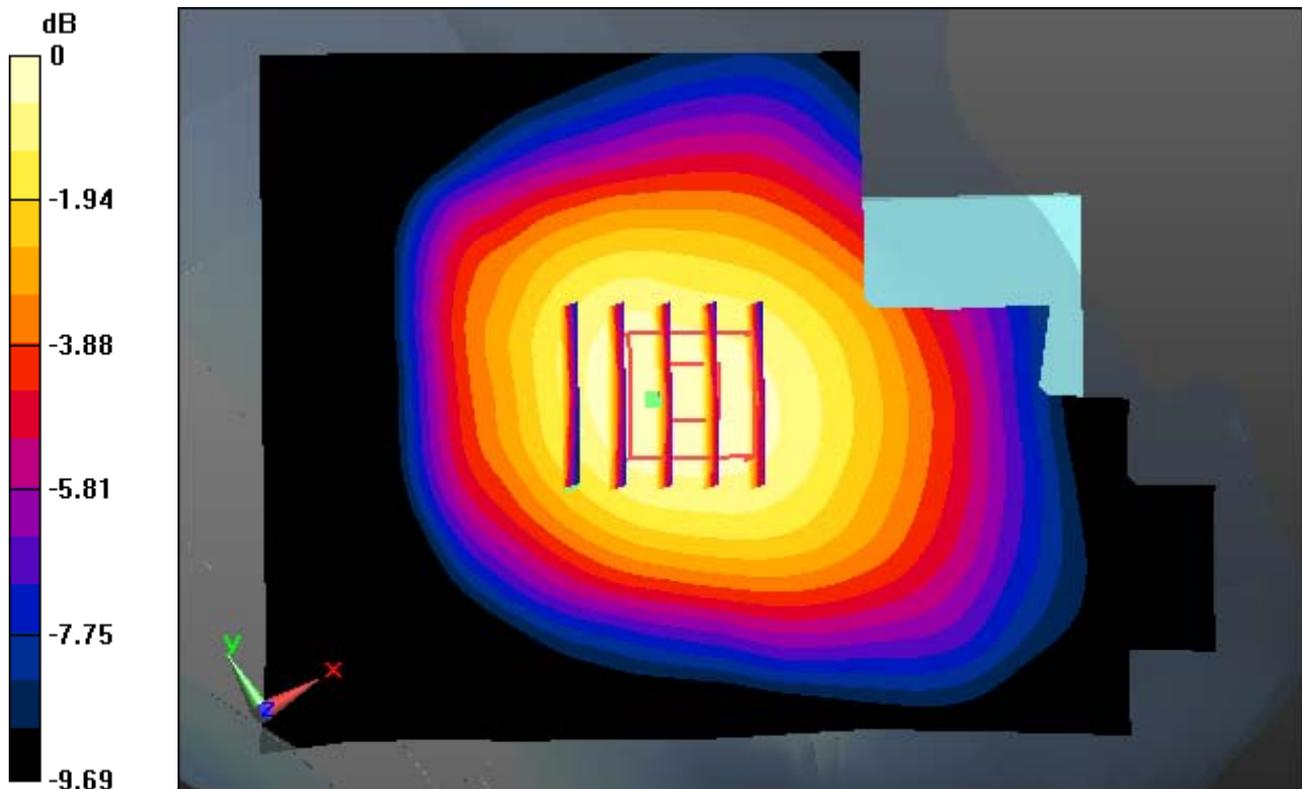
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

## **Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery**

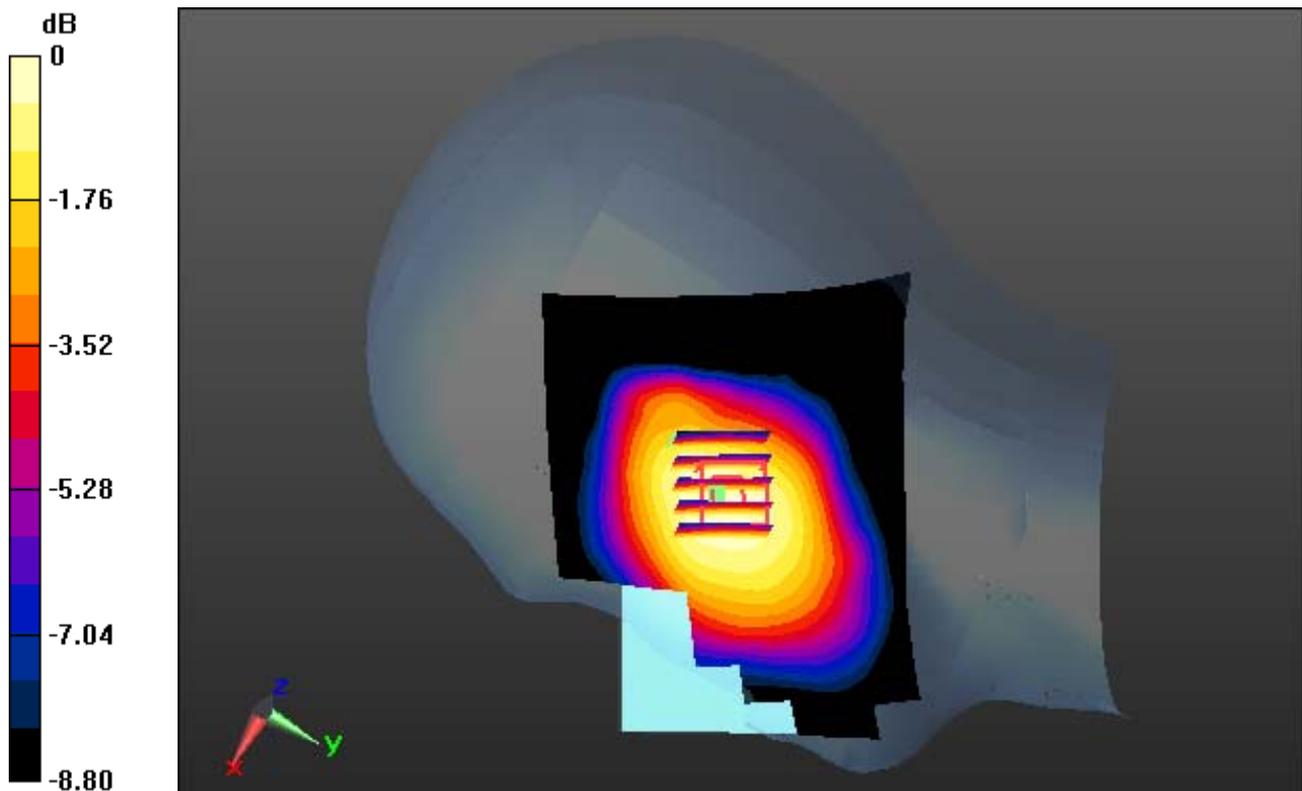
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.191 mW/g

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.115 W/kg**



0 dB = 0.174 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

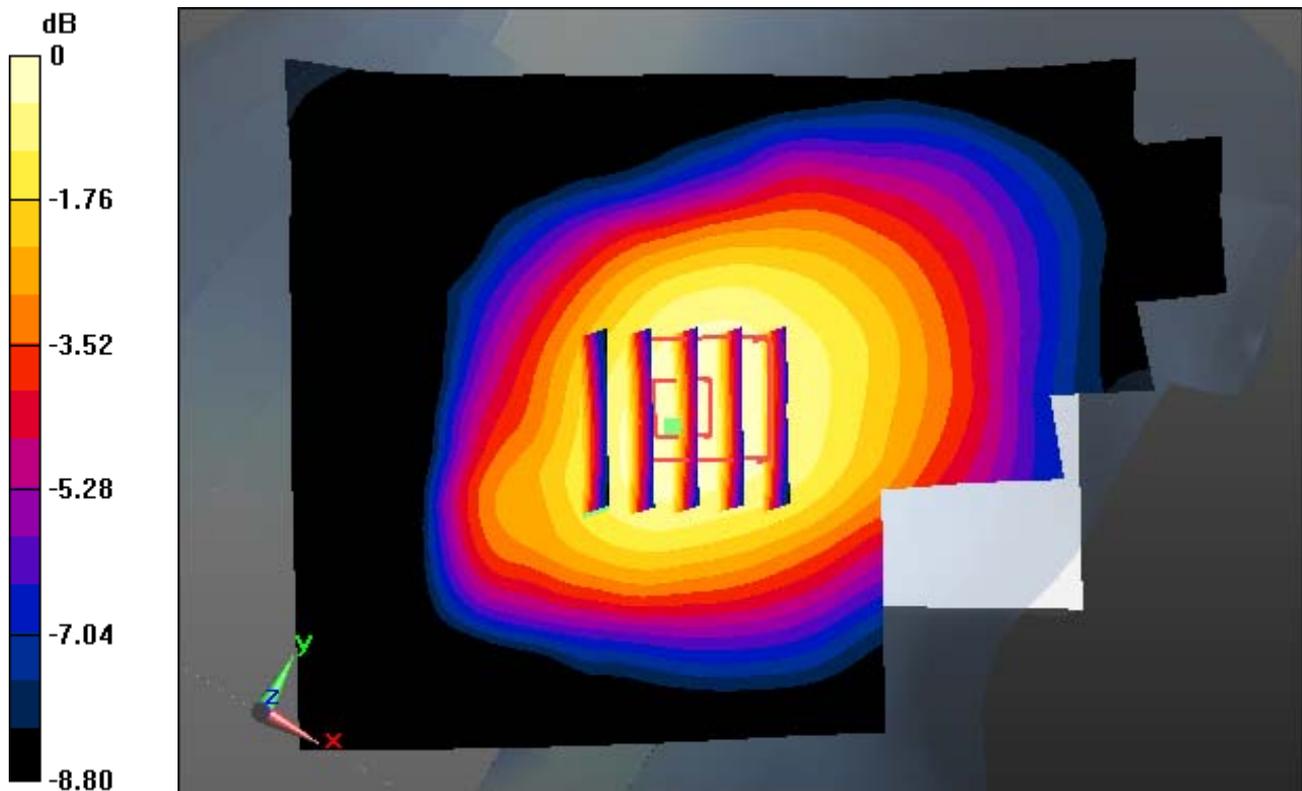
Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.03 dB  
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0 dB = 0.174 mW/g

# DIGITAL EMC CO., LTD

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Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery**

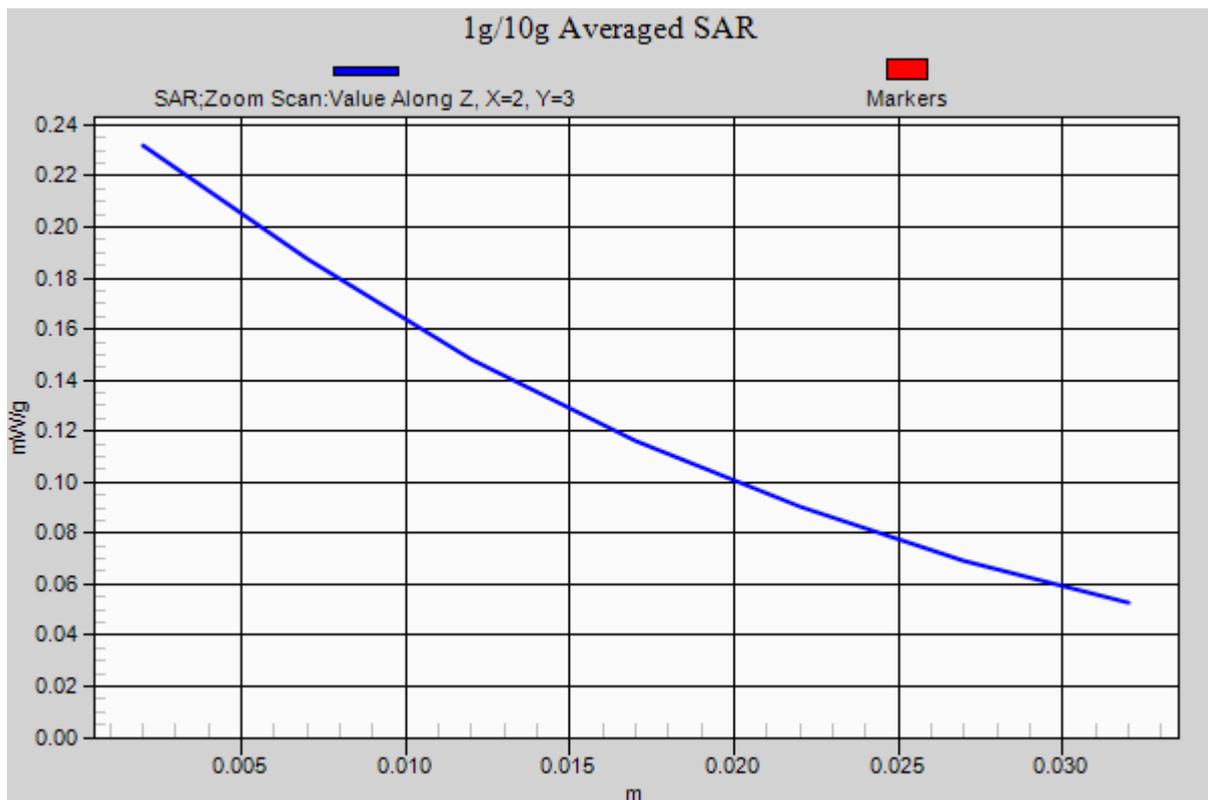
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.262 mW/g

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.160 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery**

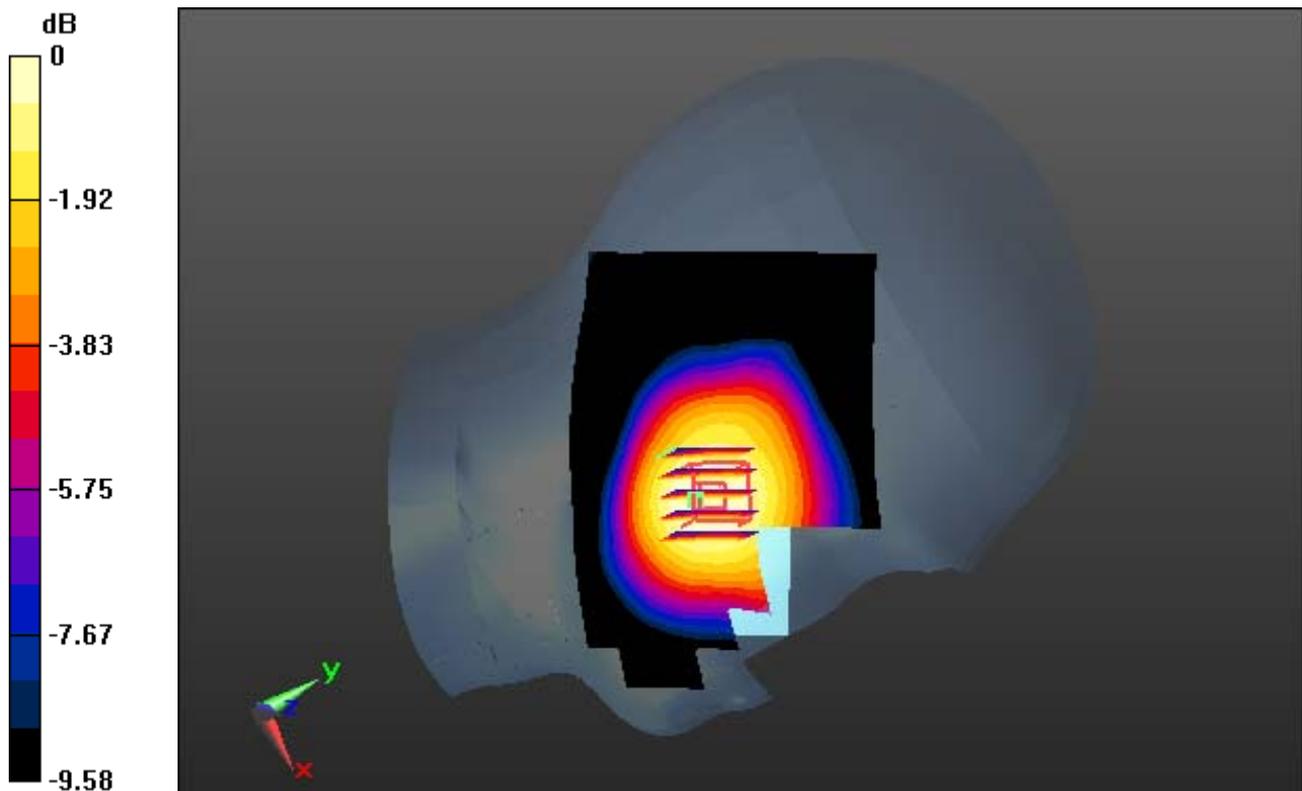
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.295 mW/g

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.184 W/kg**



0 dB = 0.270 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 1 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

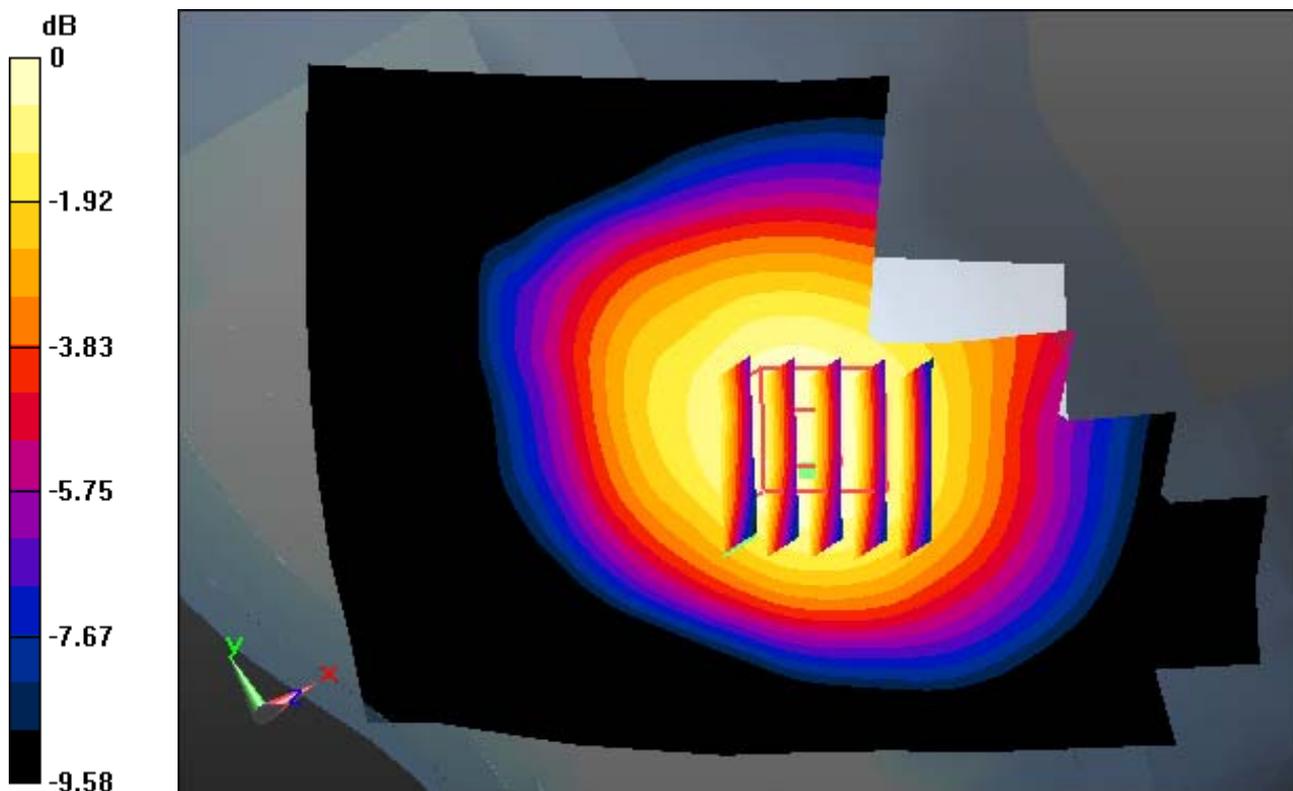
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.295 mW/g

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.184 W/kg



0 dB = 0.270 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery**

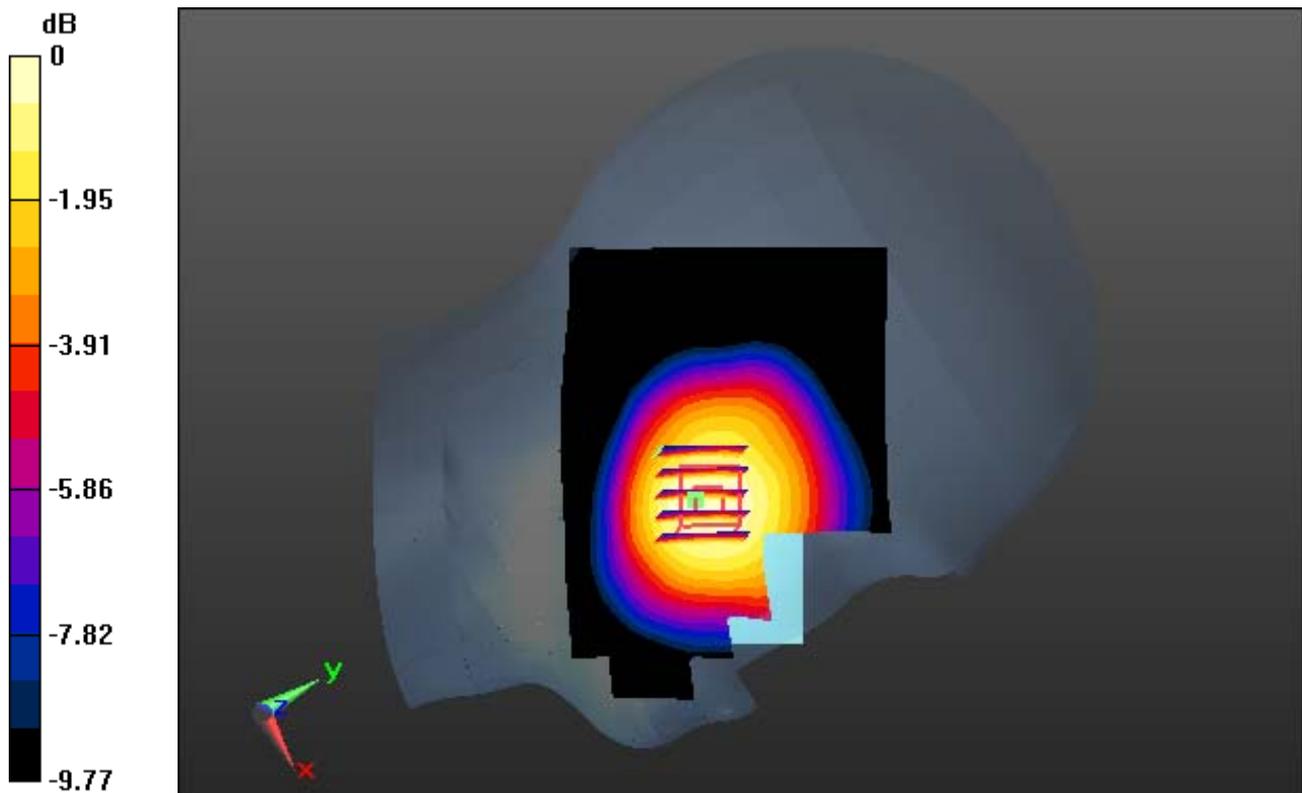
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.312 mW/g

**SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.186 W/kg**



0 dB = 0.286 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 2 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

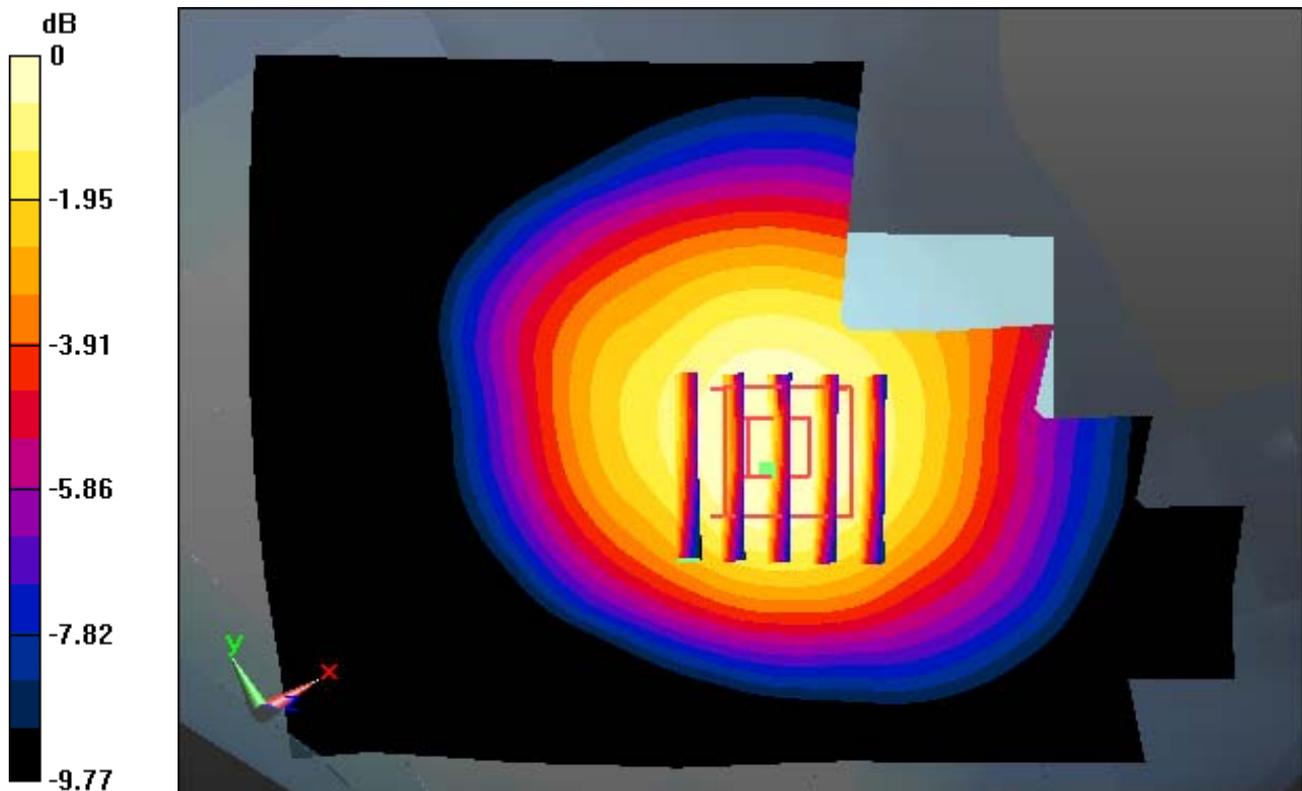
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.312 mW/g

**SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.186 W/kg**



0 dB = 0.286 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 3 Tx Ch. 190, Ant Internal, Standard Battery**

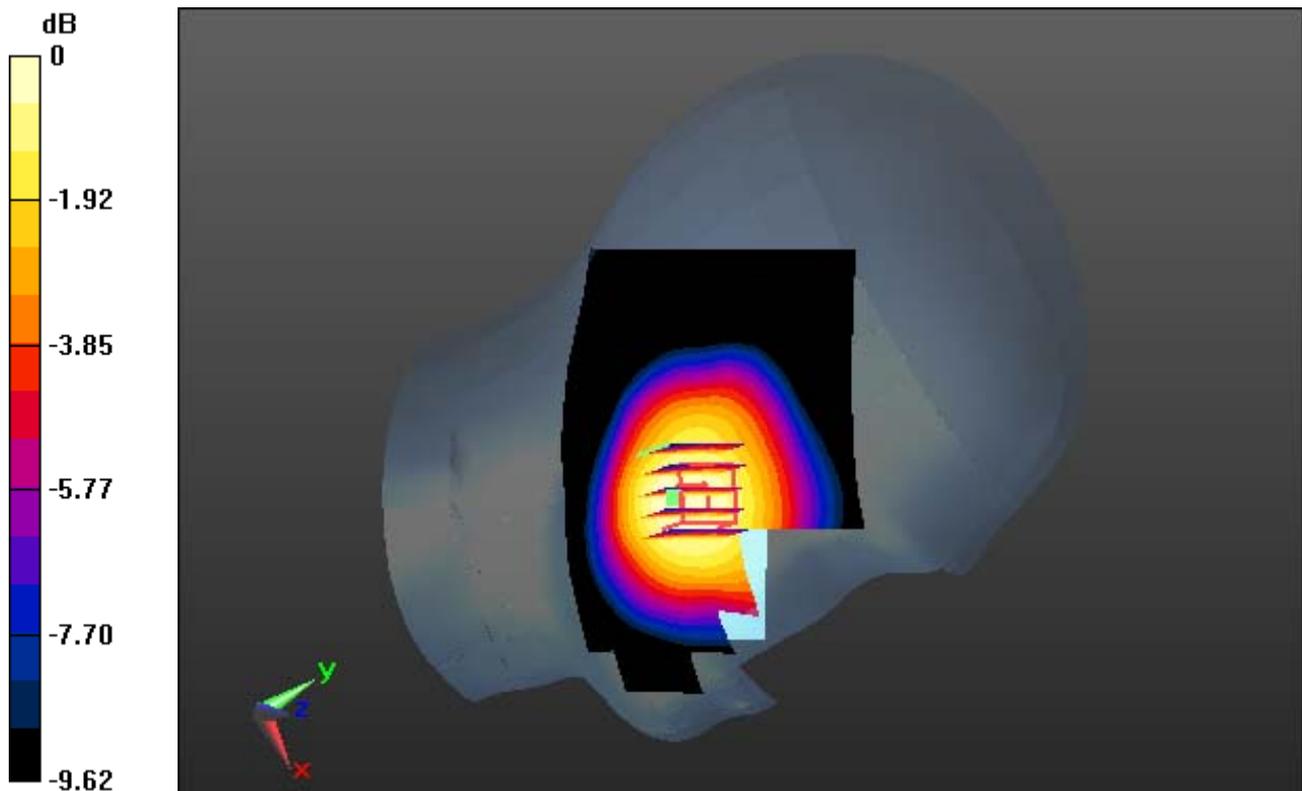
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.390 mW/g

**SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.236 W/kg**



0 dB = 0.354 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 3 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

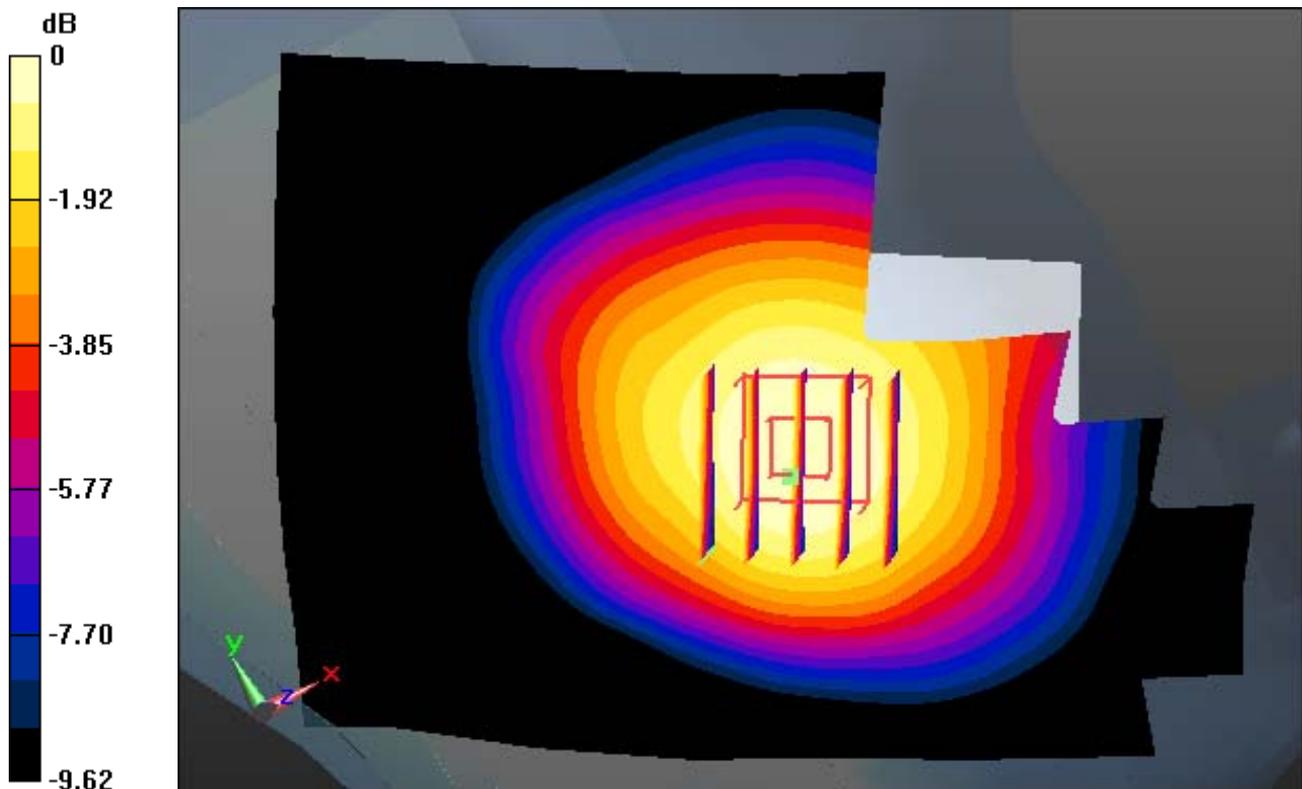
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.390 mW/g

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.236 W/kg



0 dB = 0.354 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

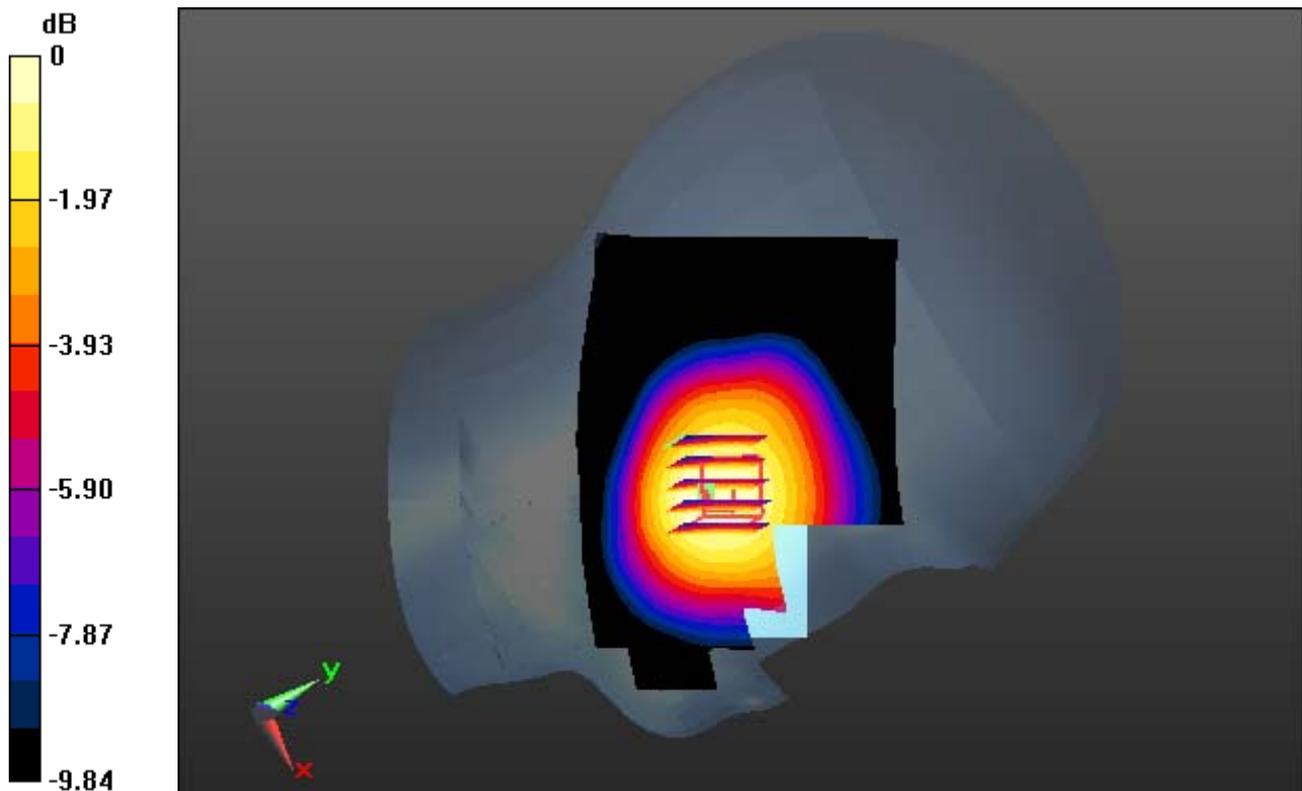
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.489 mW/g

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.293 W/kg



0 dB = 0.439 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

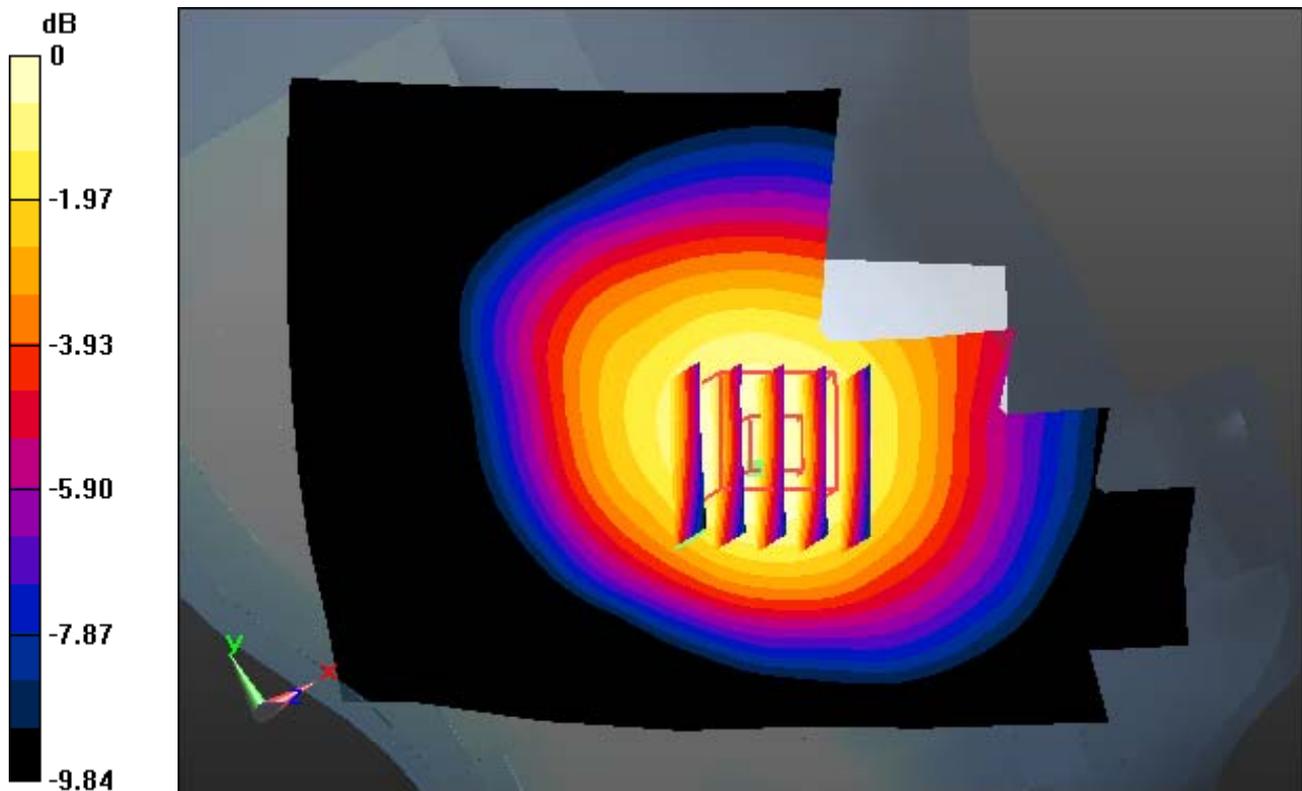
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.489 mW/g

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.293 W/kg**



0 dB = 0.439 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Right Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

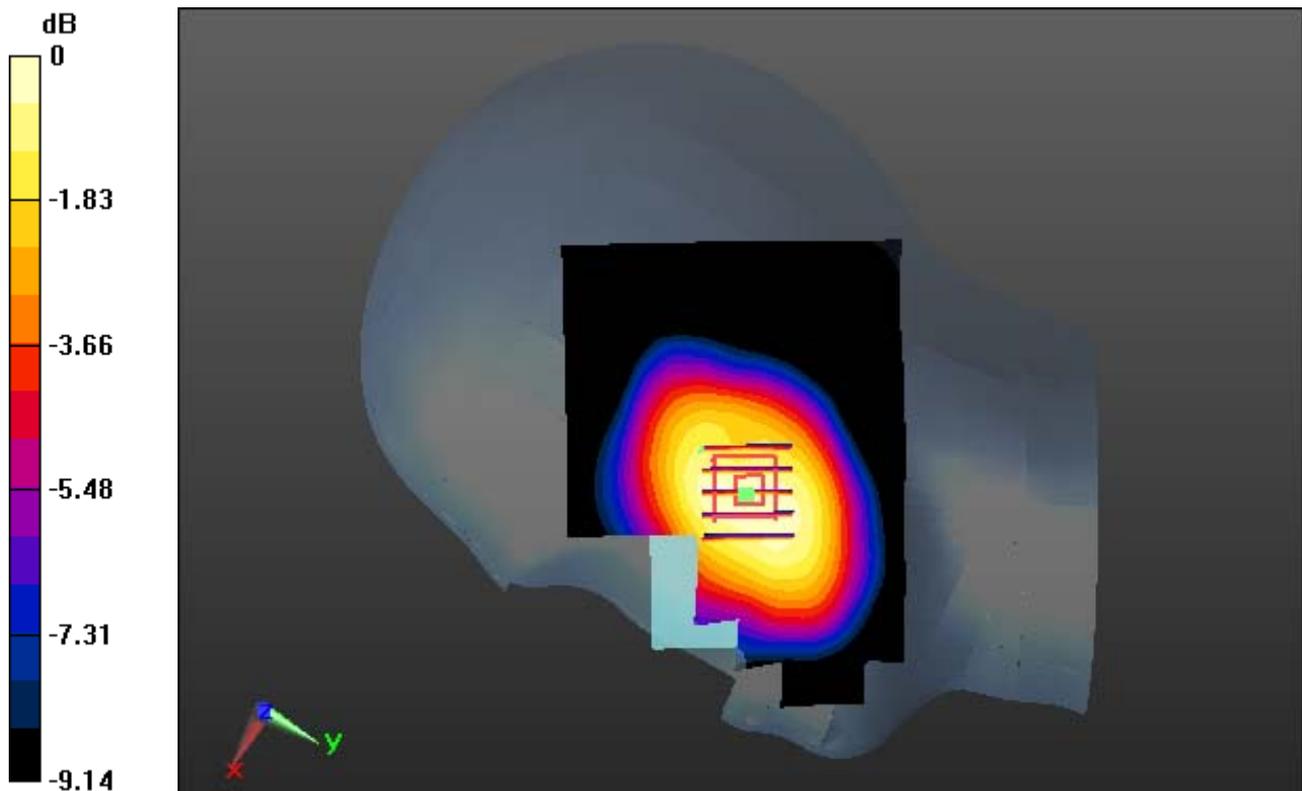
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.340 mW/g

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.203 W/kg



0 dB = 0.312 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Right Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

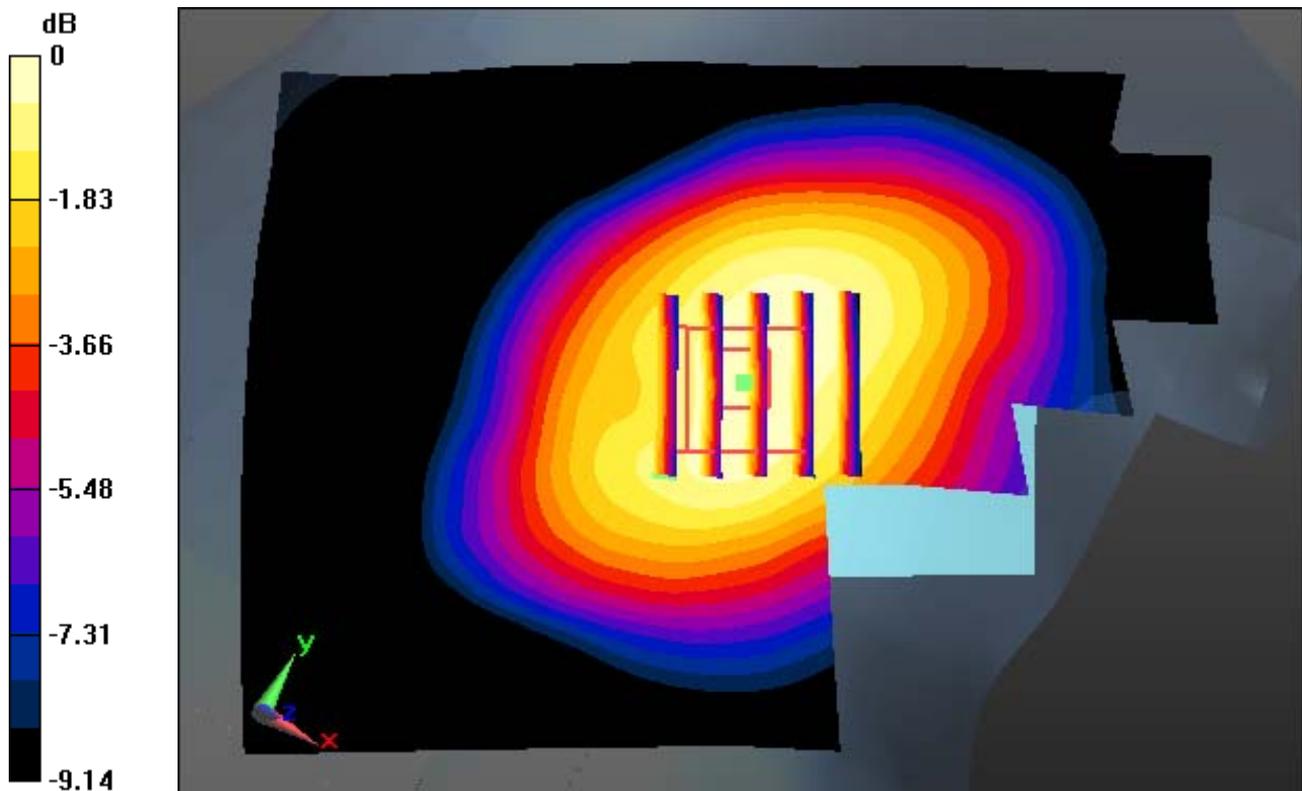
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.340 mW/g

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.203 W/kg



0 dB = 0.312 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Tilt, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

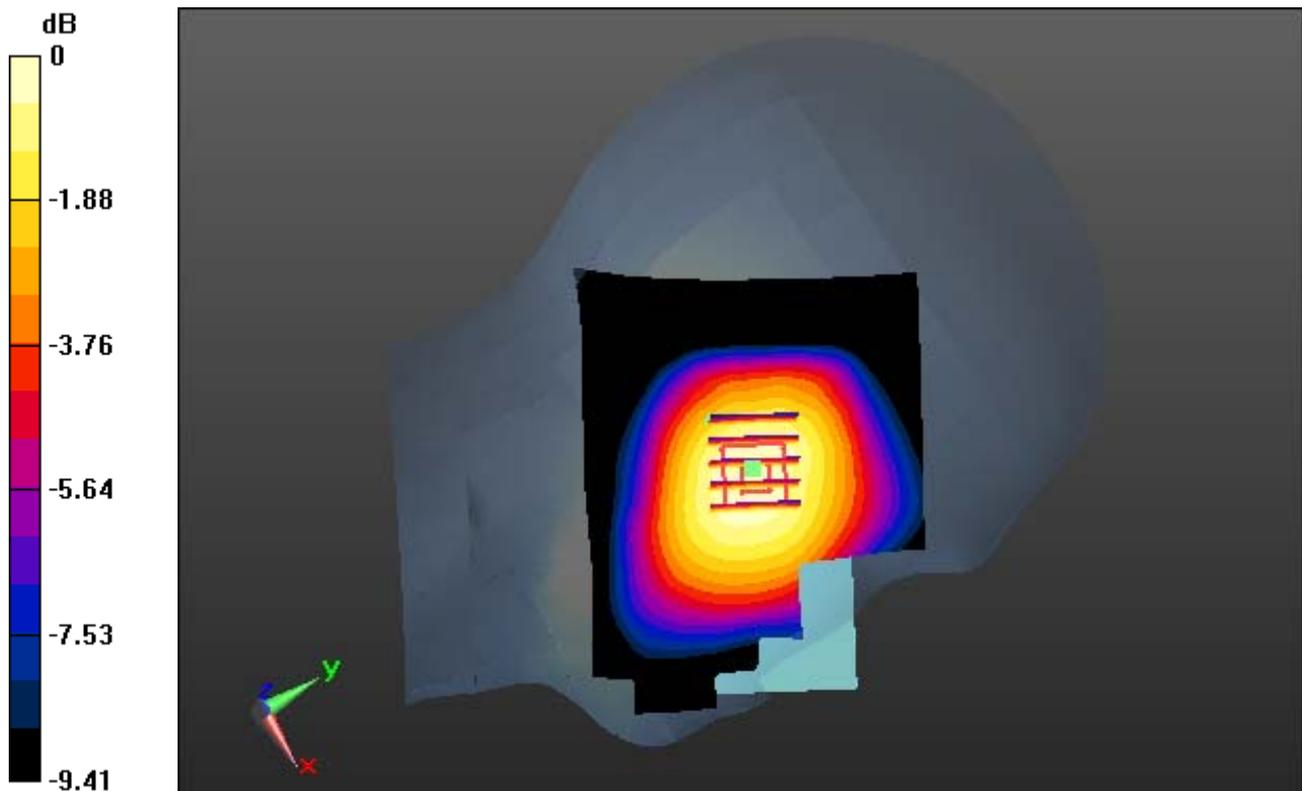
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.201 mW/g

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.125 W/kg**



0 dB = 0.184 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Tilt, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

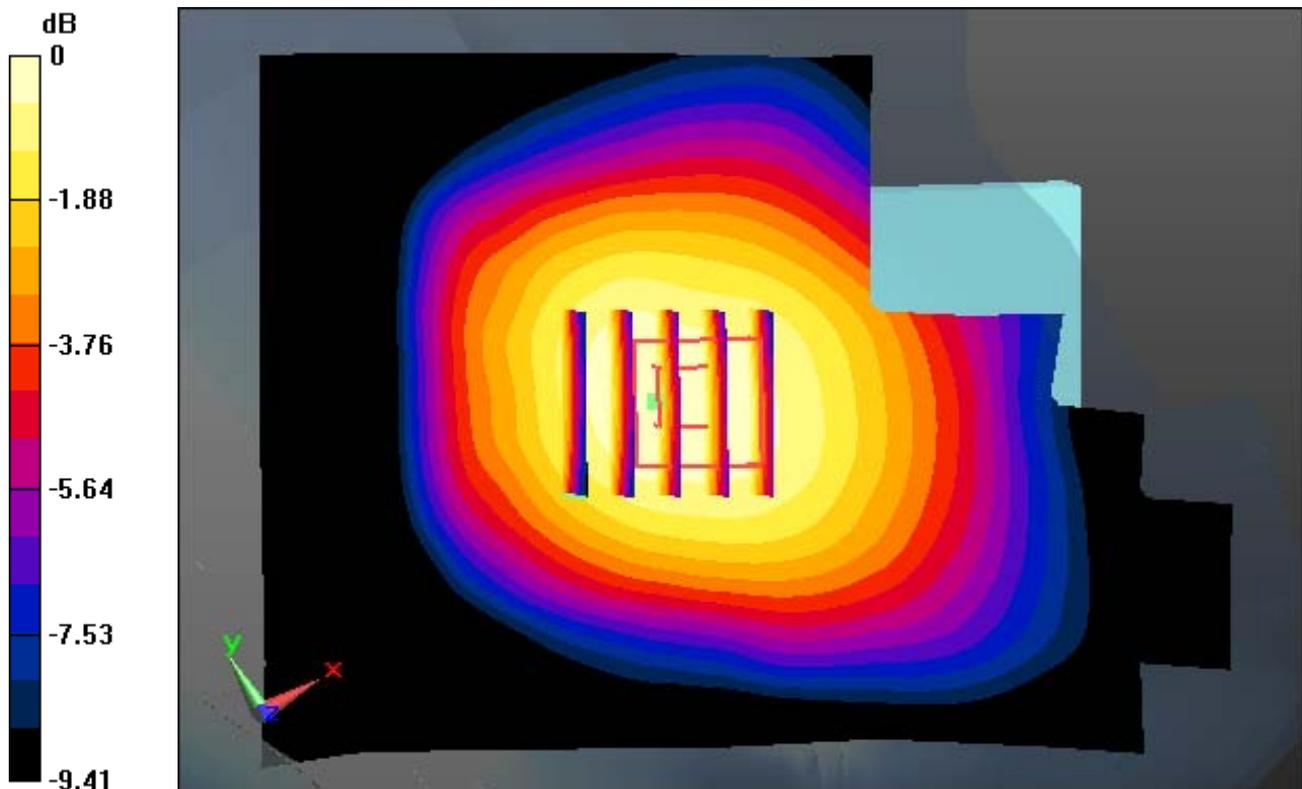
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.201 mW/g

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.184 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Right Tilt, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

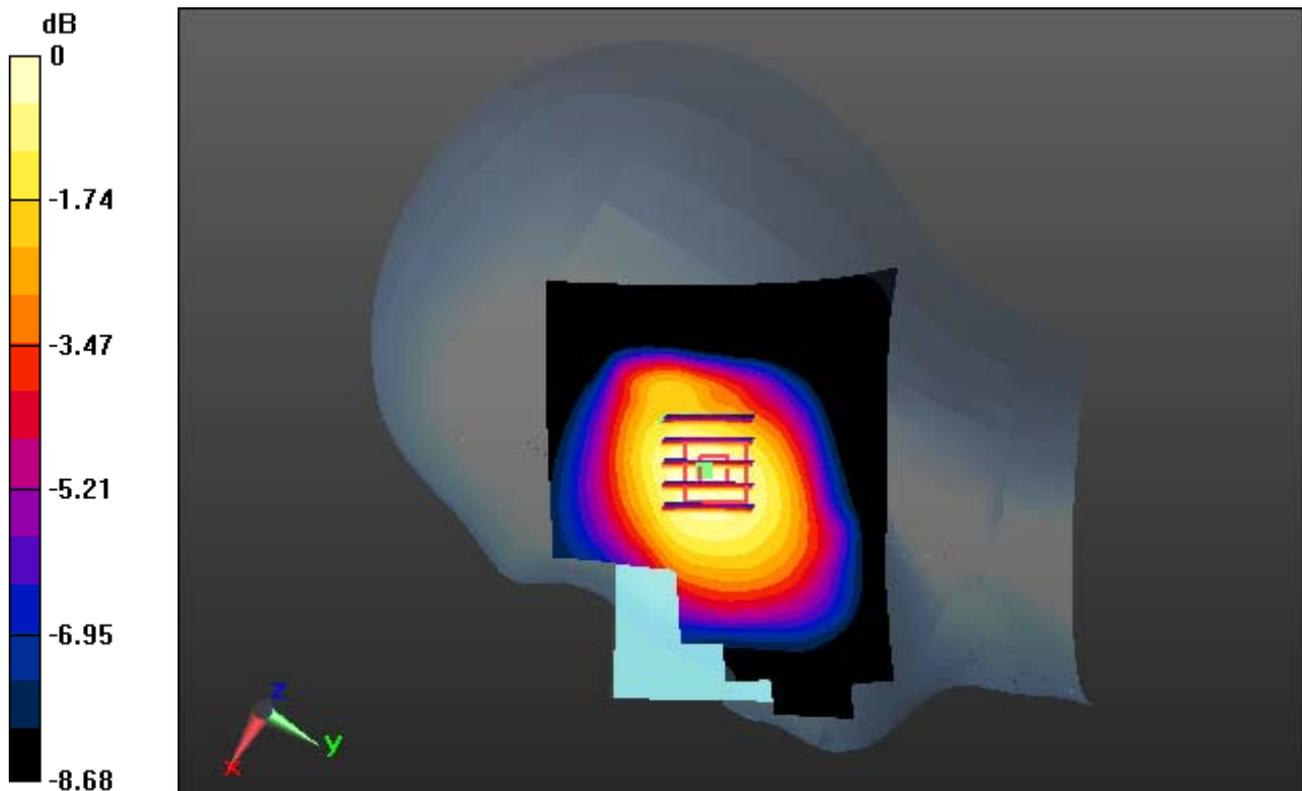
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.316 mW/g

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.192 W/kg



0 dB = 0.291 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Right Tilt, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

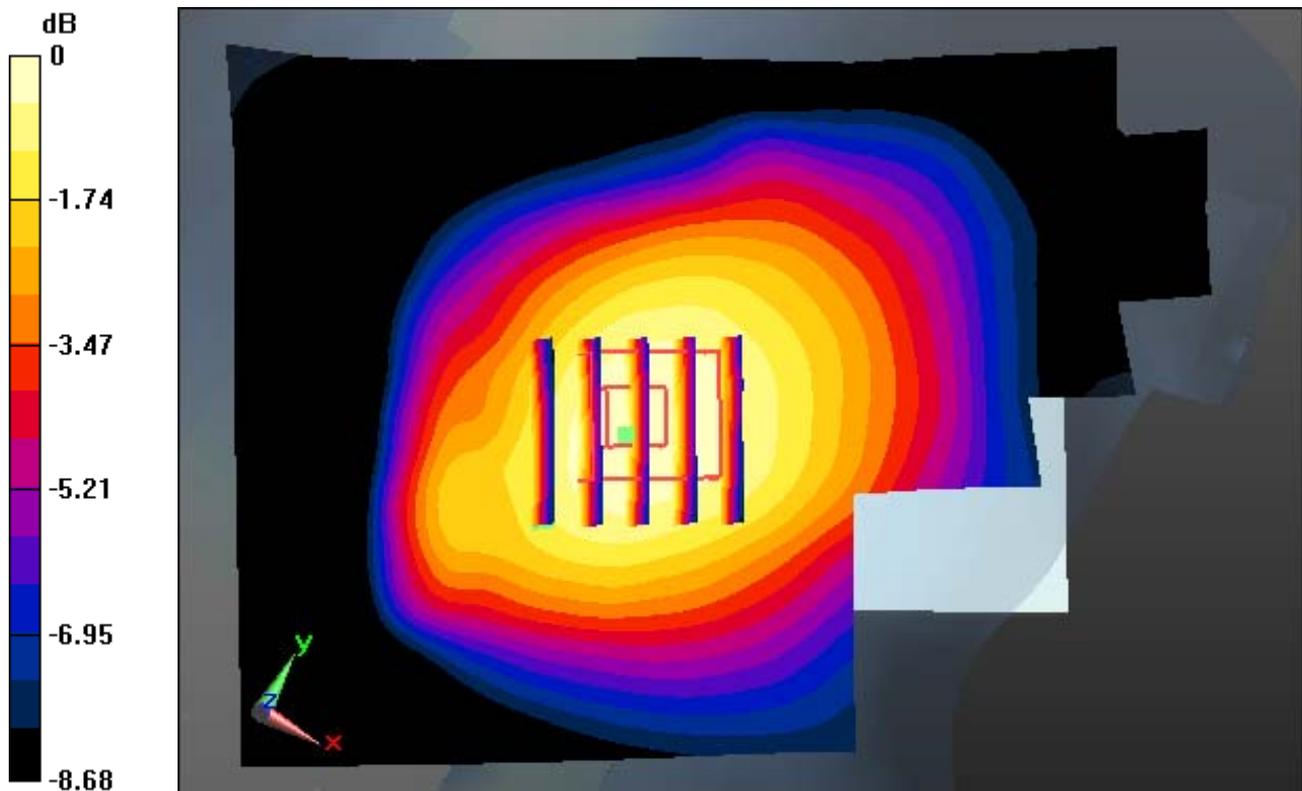
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.316 mW/g

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.192 W/kg



0 dB = 0.291 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.891$  mho/m;  $\epsilon_r = 41.414$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-02; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery**

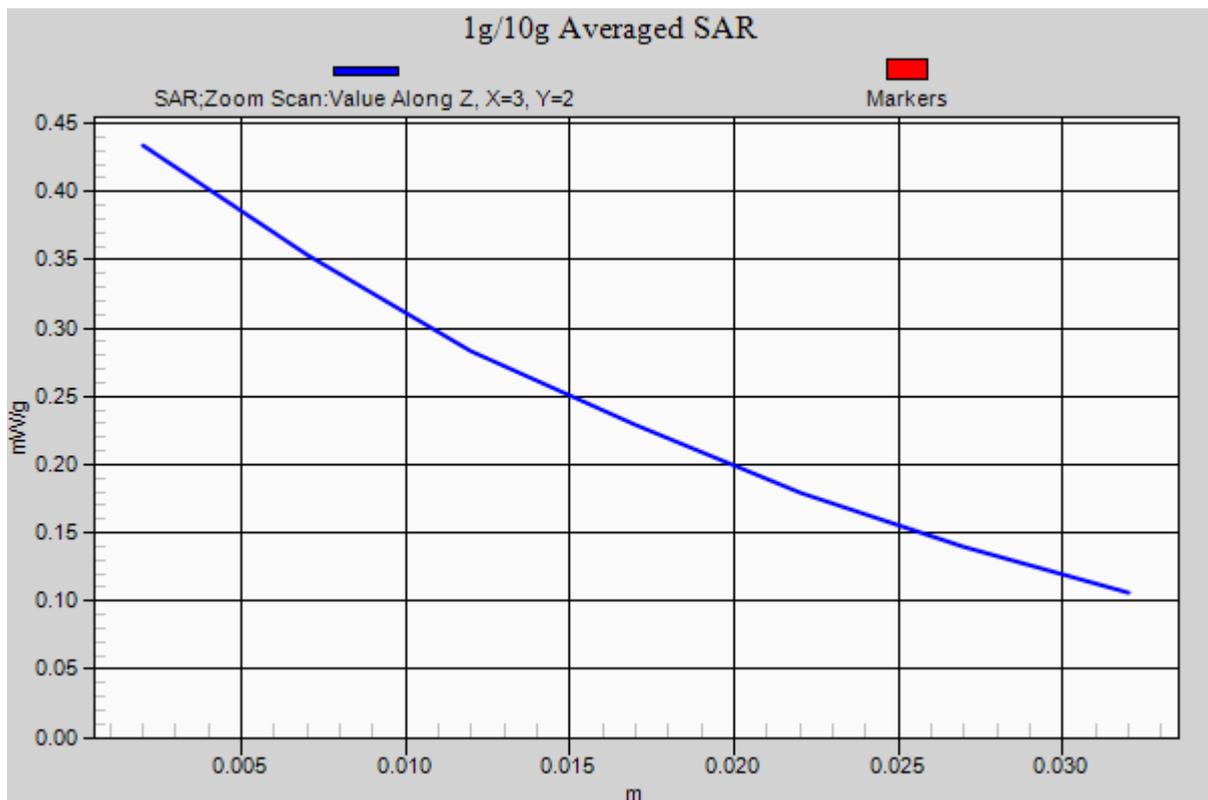
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.489 mW/g

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.293 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

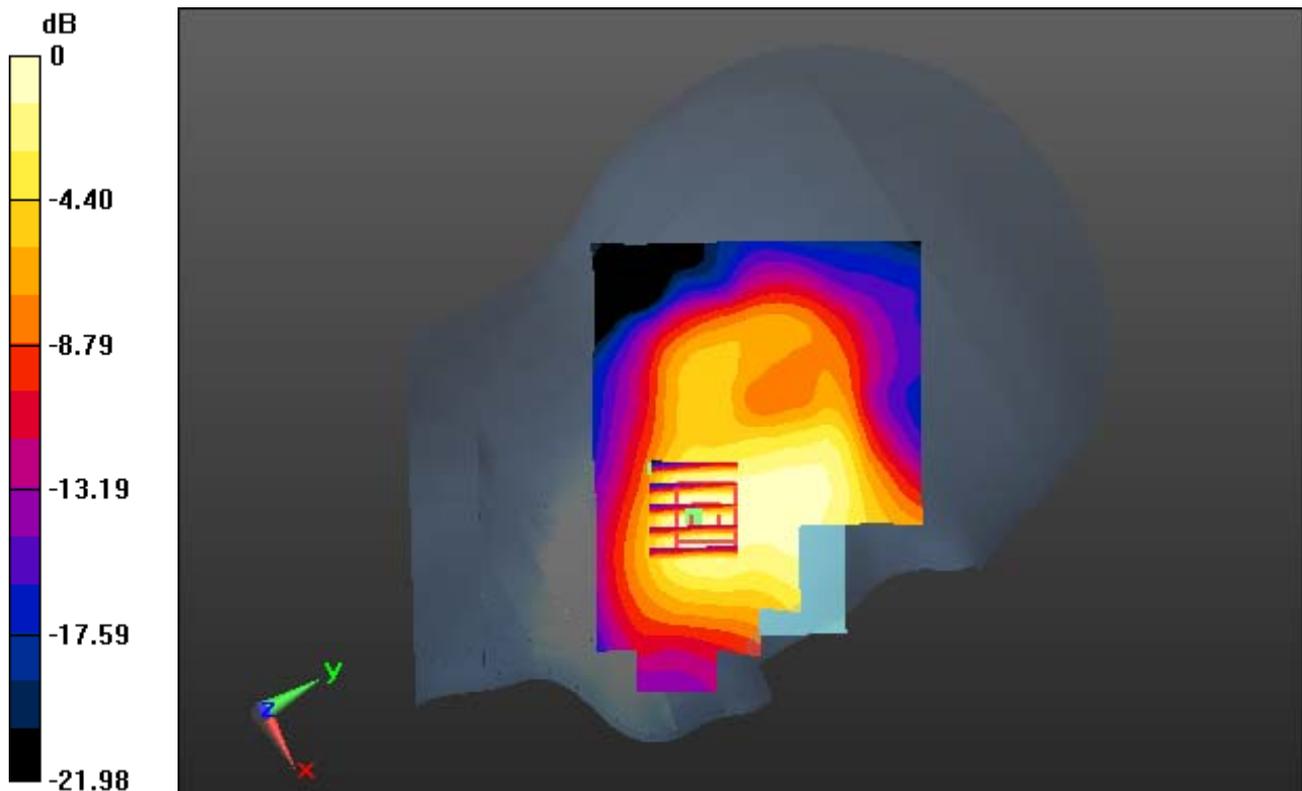
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 0.451 mW/g  
**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.168 W/kg**



0 dB = 0.357 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

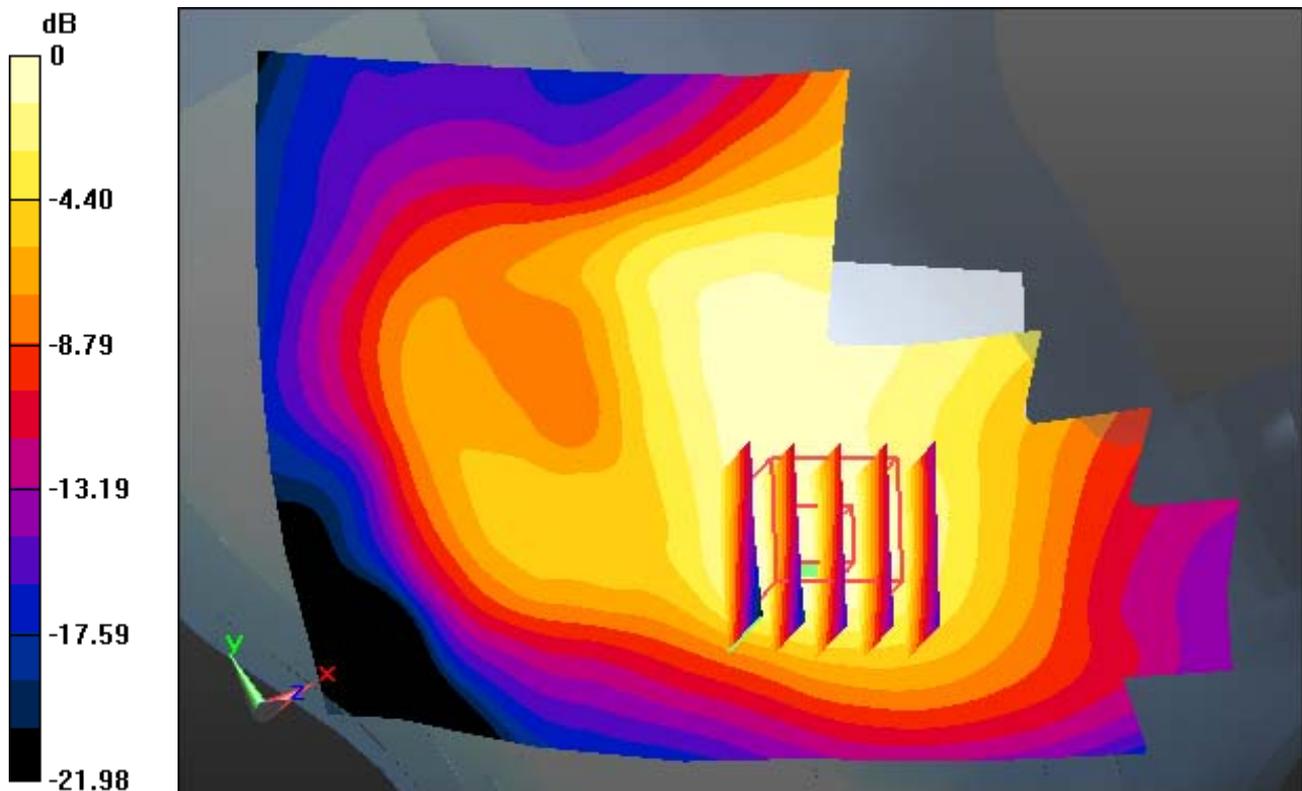
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 0.451 mW/g  
**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.168 W/kg**



0 dB = 0.357 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

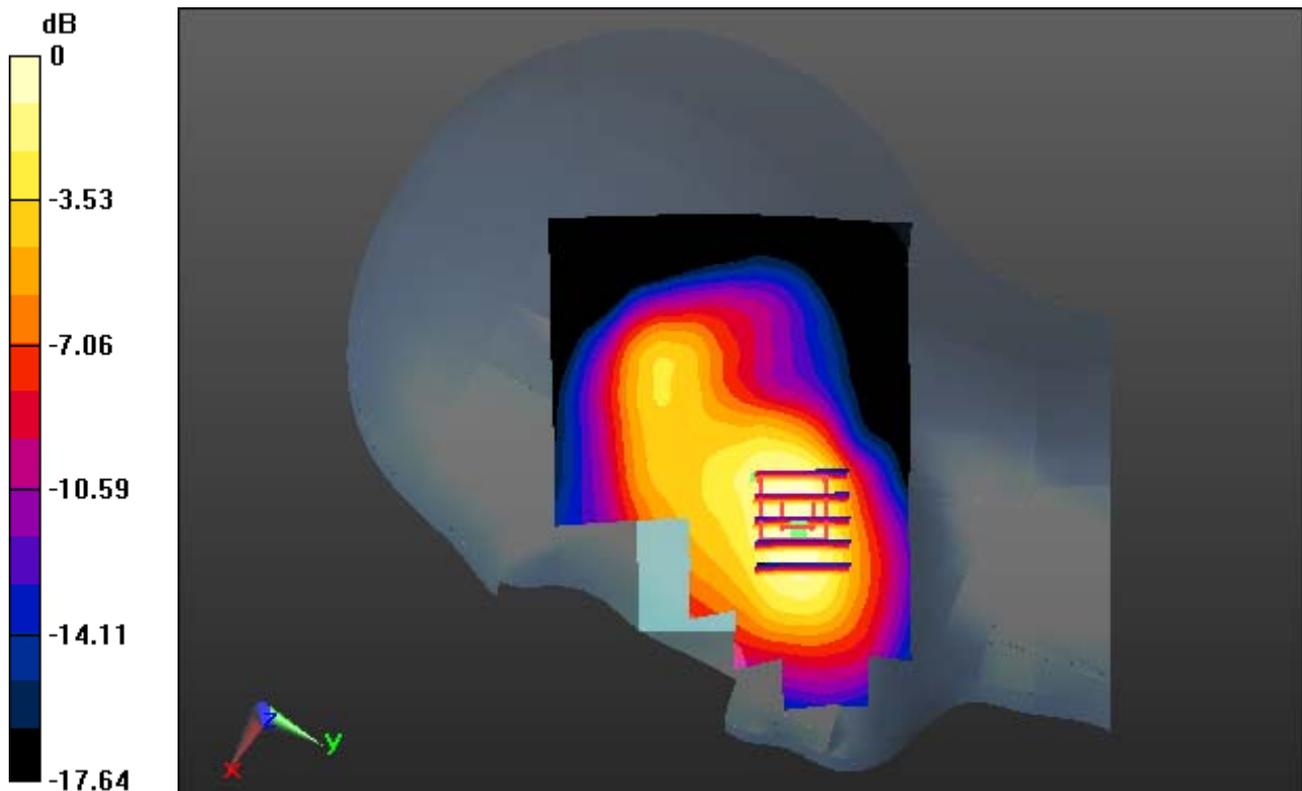
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

## **Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 0.703 mW/g  
**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.256 W/kg**



0 dB = 0.566 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

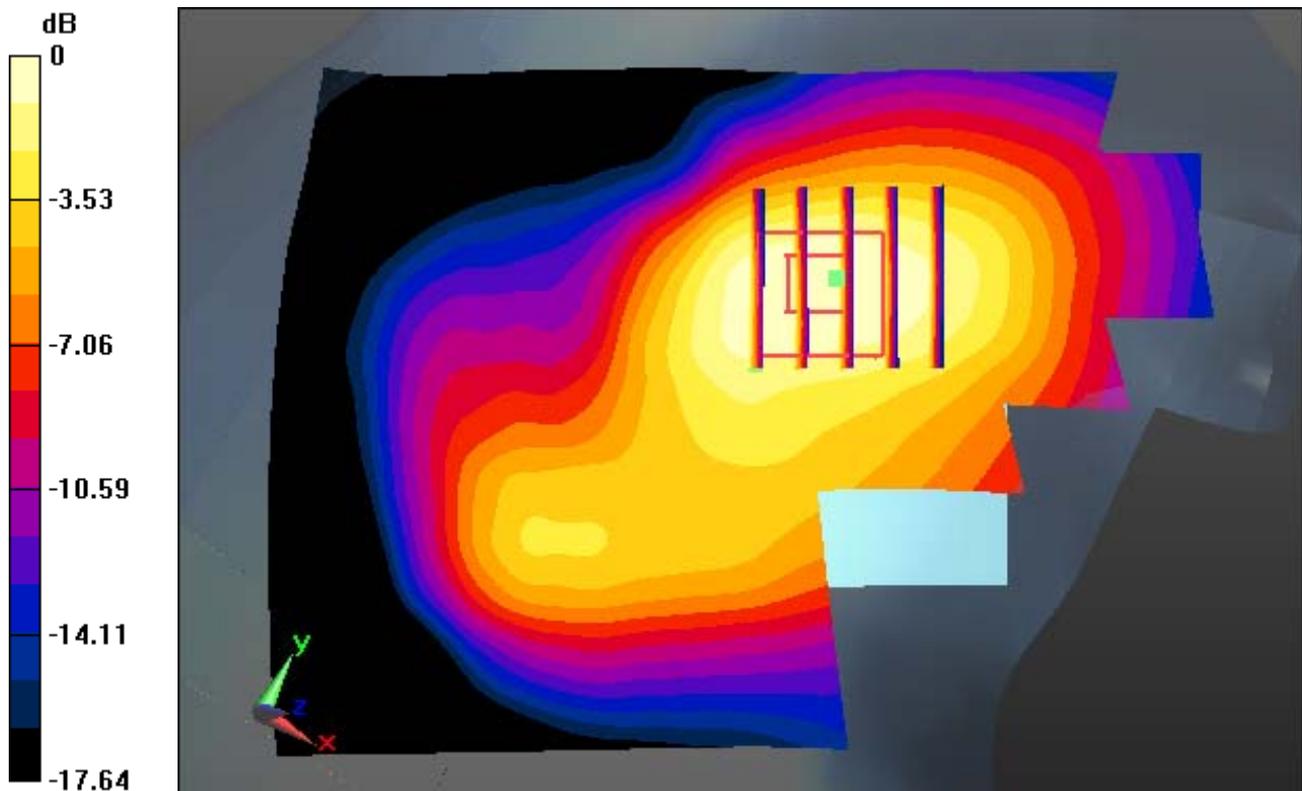
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 0.703 mW/g  
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.256 W/kg



0 dB = 0.566 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

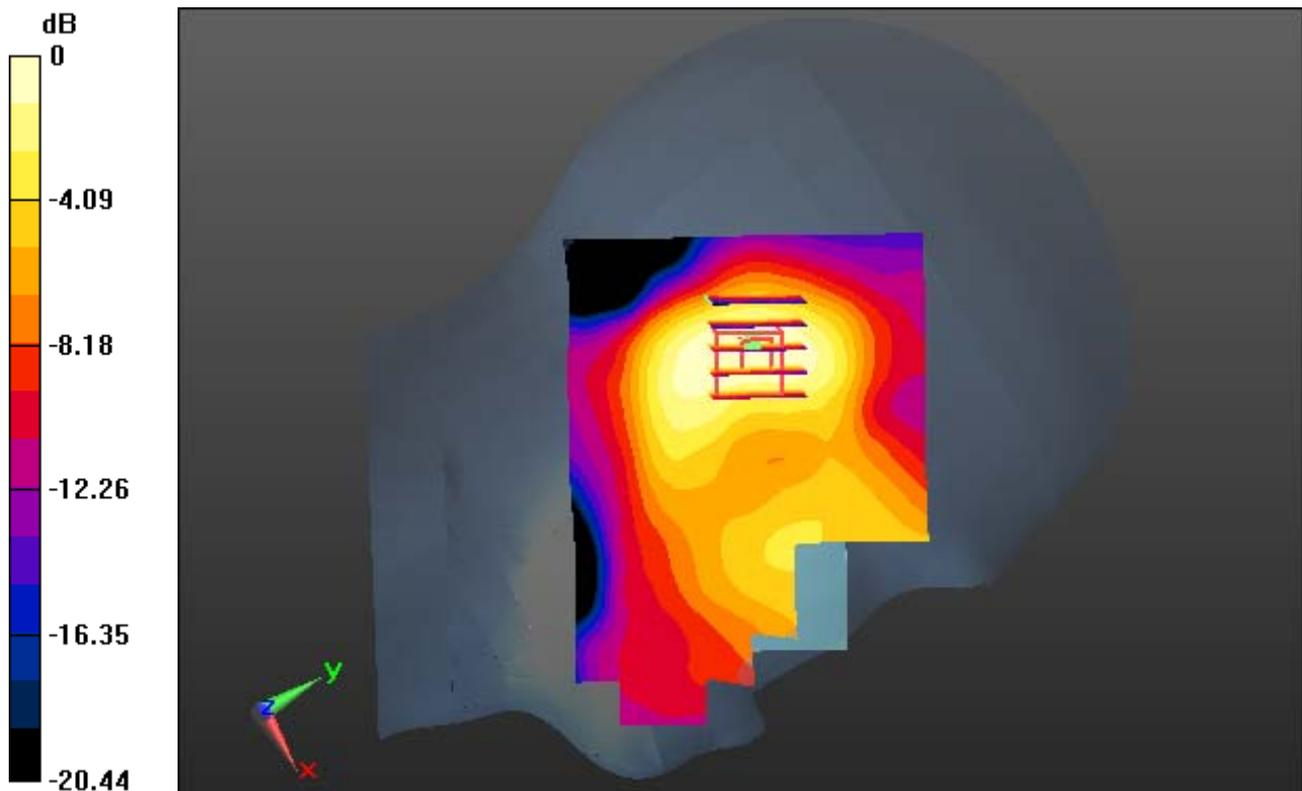
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

## **Left Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.258 mW/g  
**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.090 W/kg**



0 dB = 0.201 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

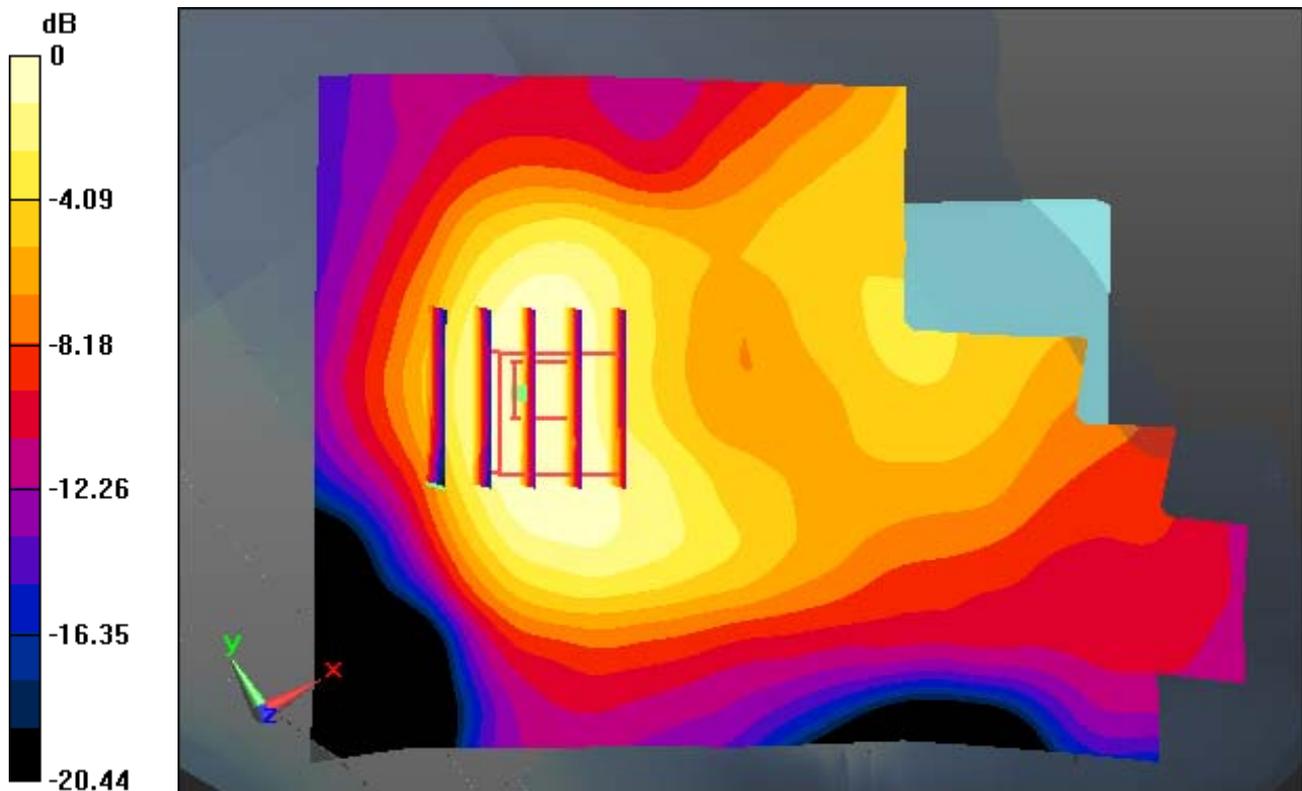
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.258 mW/g  
**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.090 W/kg**



0 dB = 0.201 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

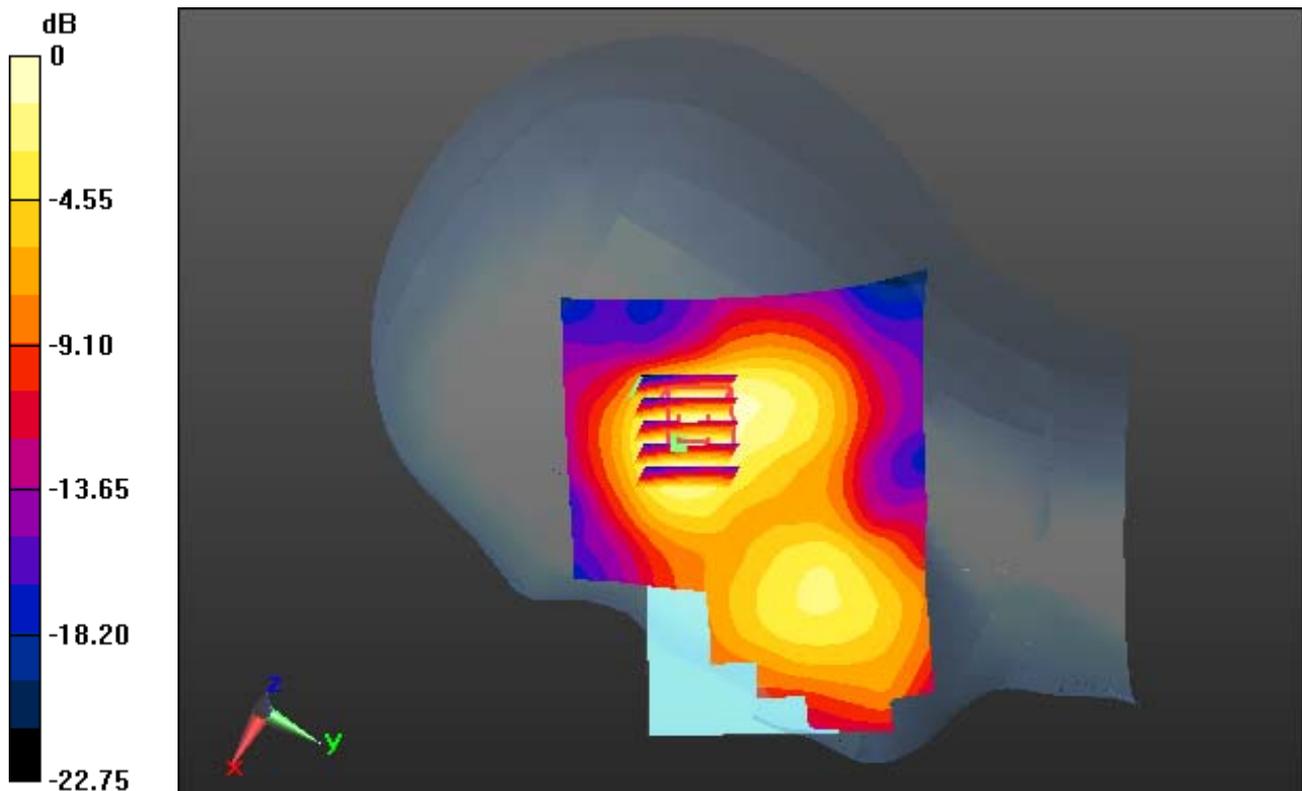
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

## **Right Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.340 mW/g  
**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.125 W/kg**



0 dB = 0.269 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

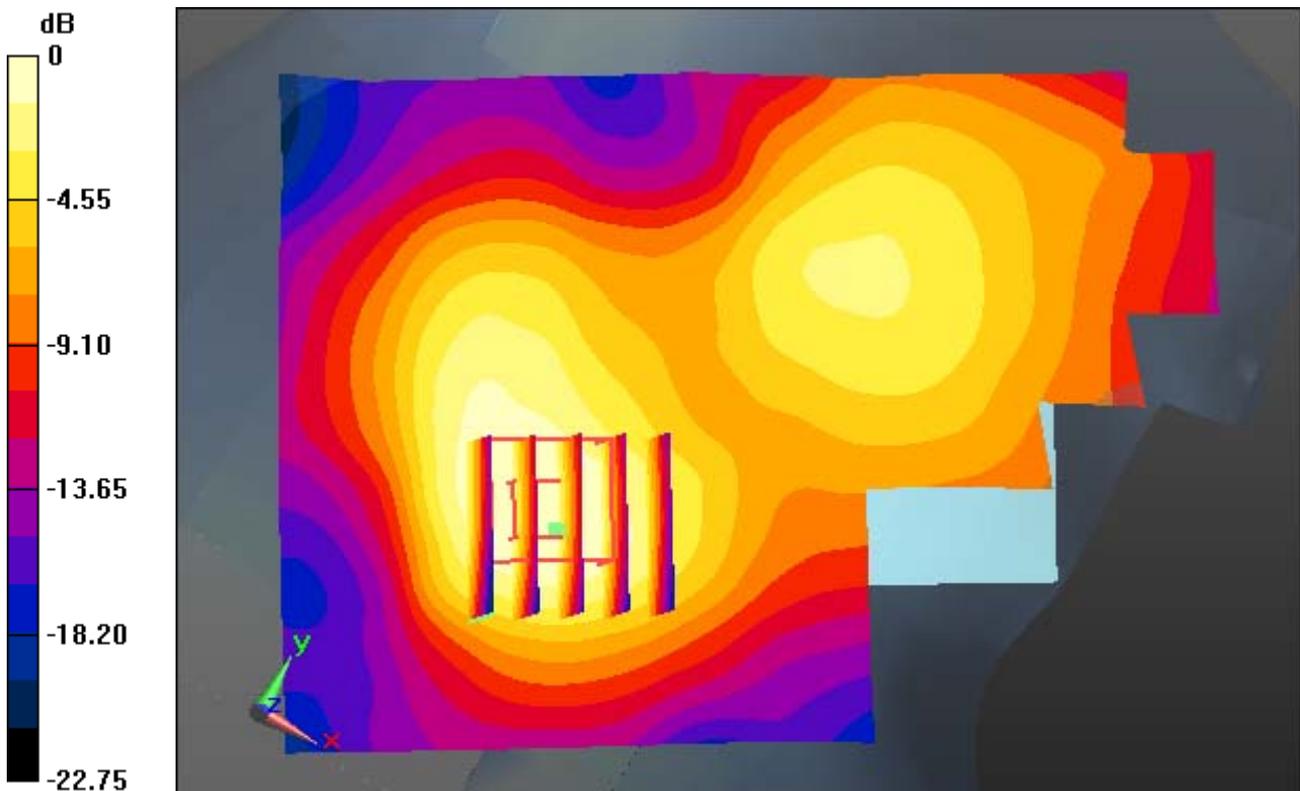
Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.340 mW/g  
**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.125 W/kg**



0 dB = 0.269 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

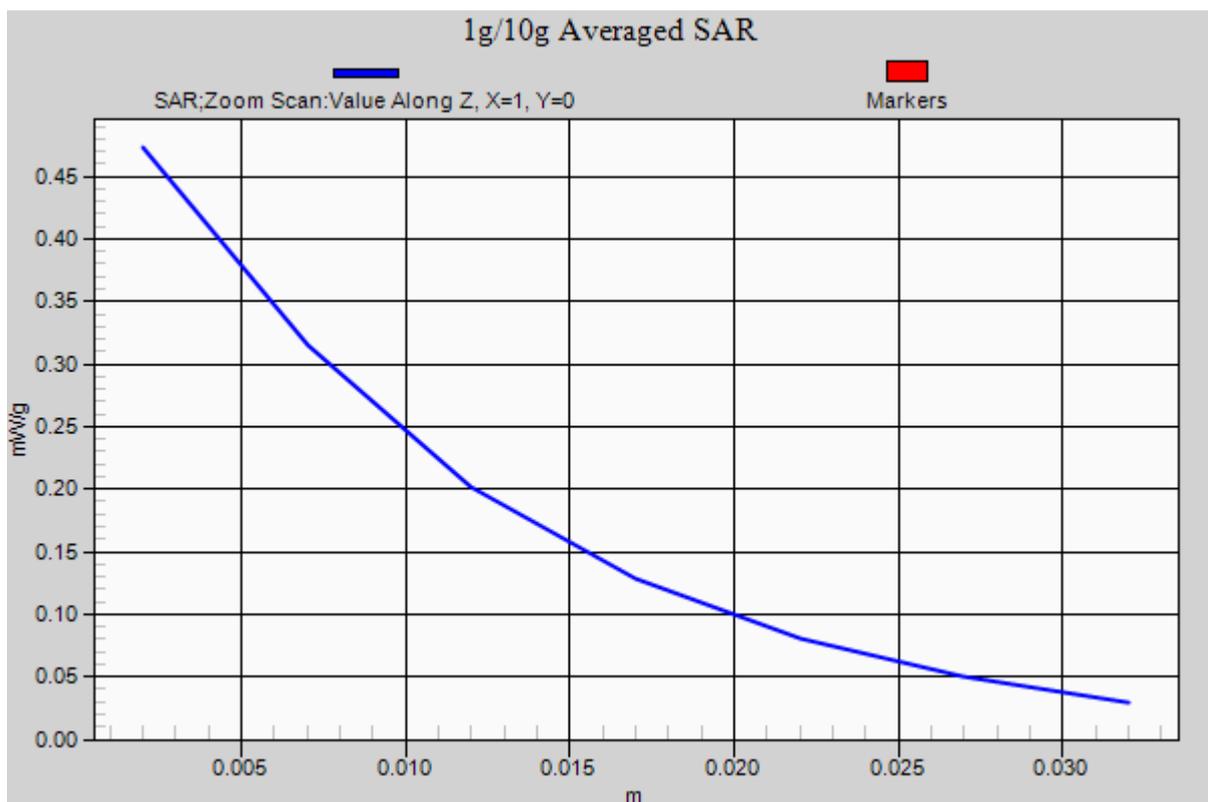
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

## **Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 0.703 mW/g  
**SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.256 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

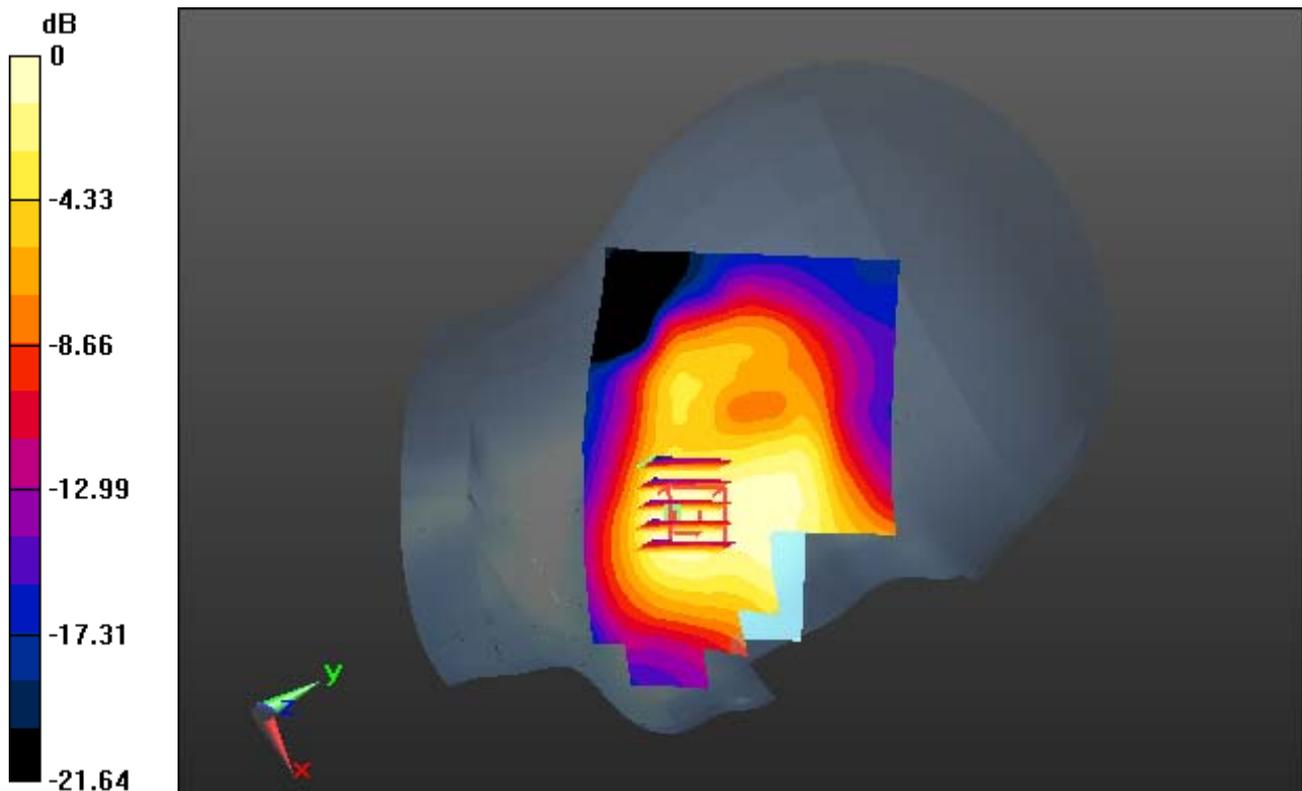
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.529 mW/g

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.204 W/kg



0 dB = 0.418 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

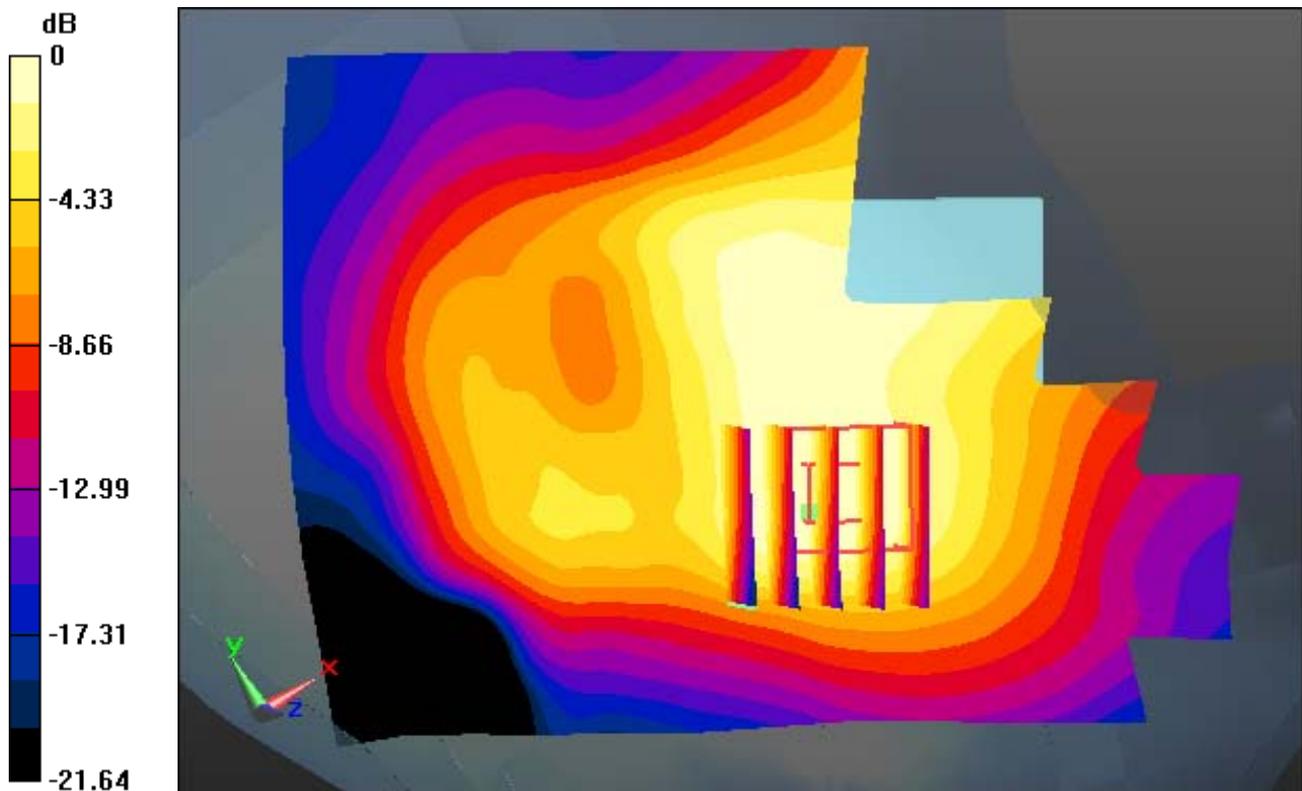
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.529 mW/g

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.204 W/kg**



0 dB = 0.418 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal, Standard Battery**

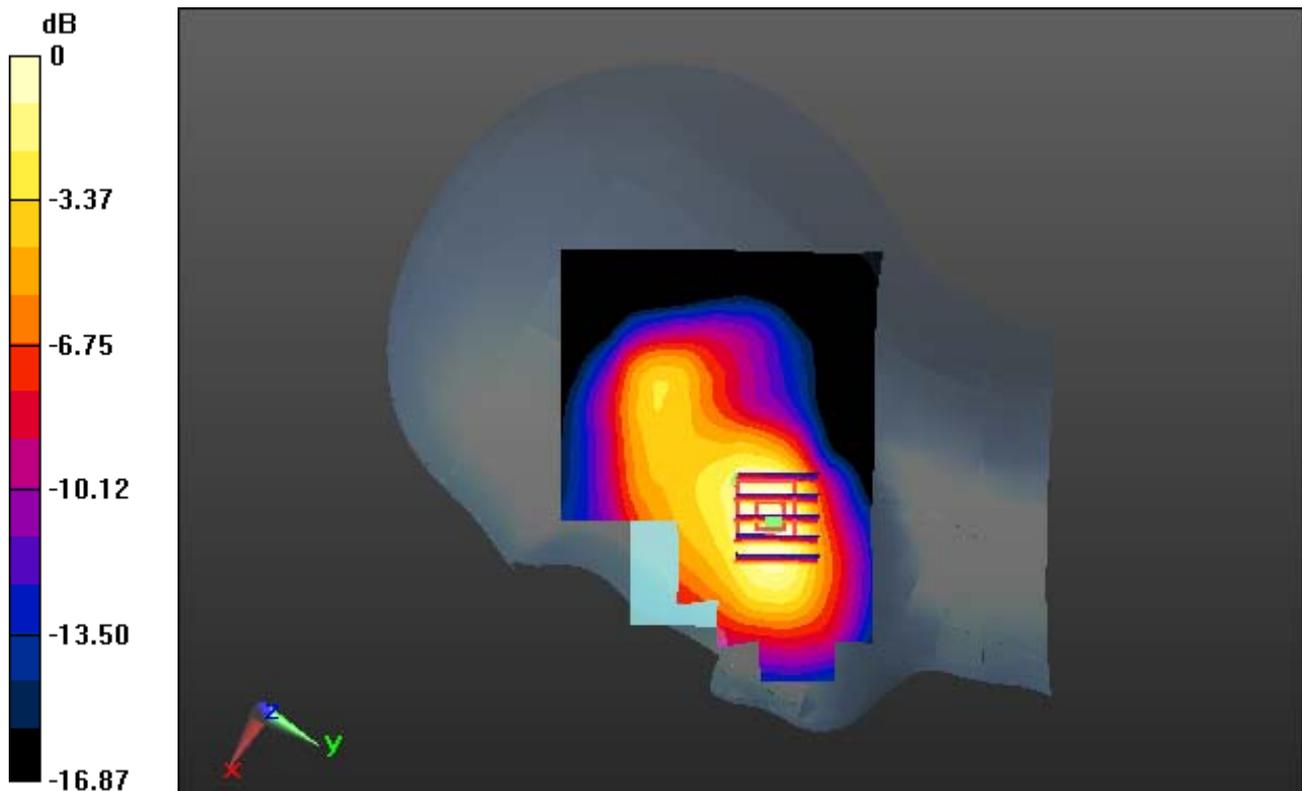
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.735 mW/g

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.268 W/kg



0 dB = 0.588 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

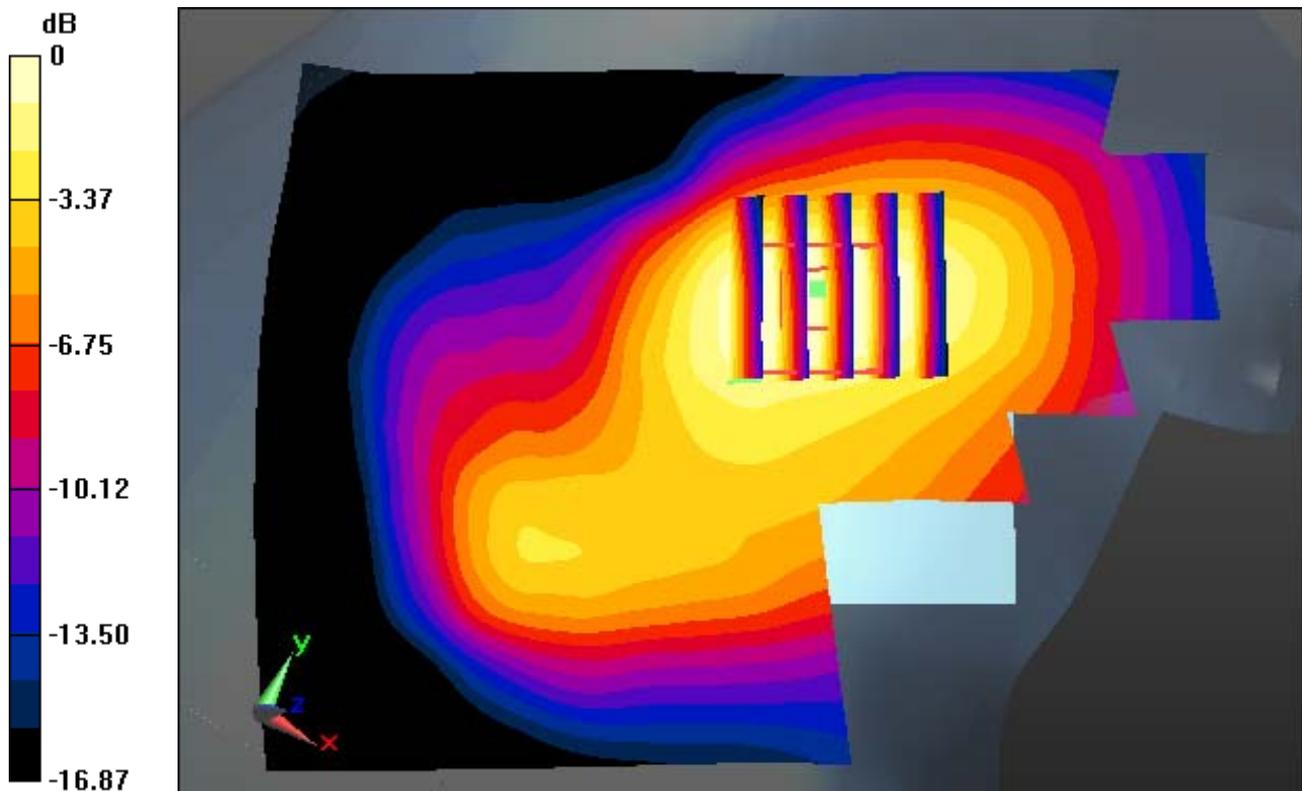
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.735 mW/g

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.268 W/kg



0 dB = 0.588 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery**

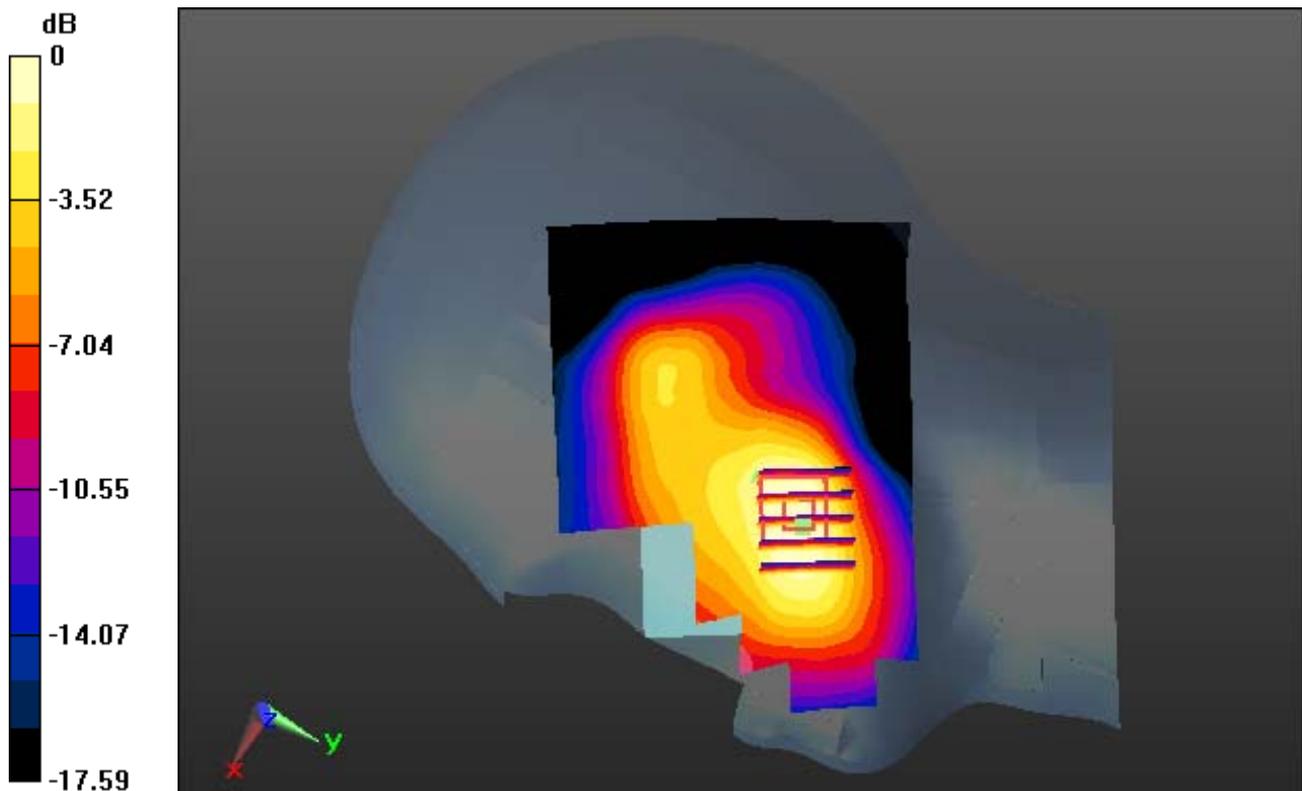
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.895 mW/g

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.712 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

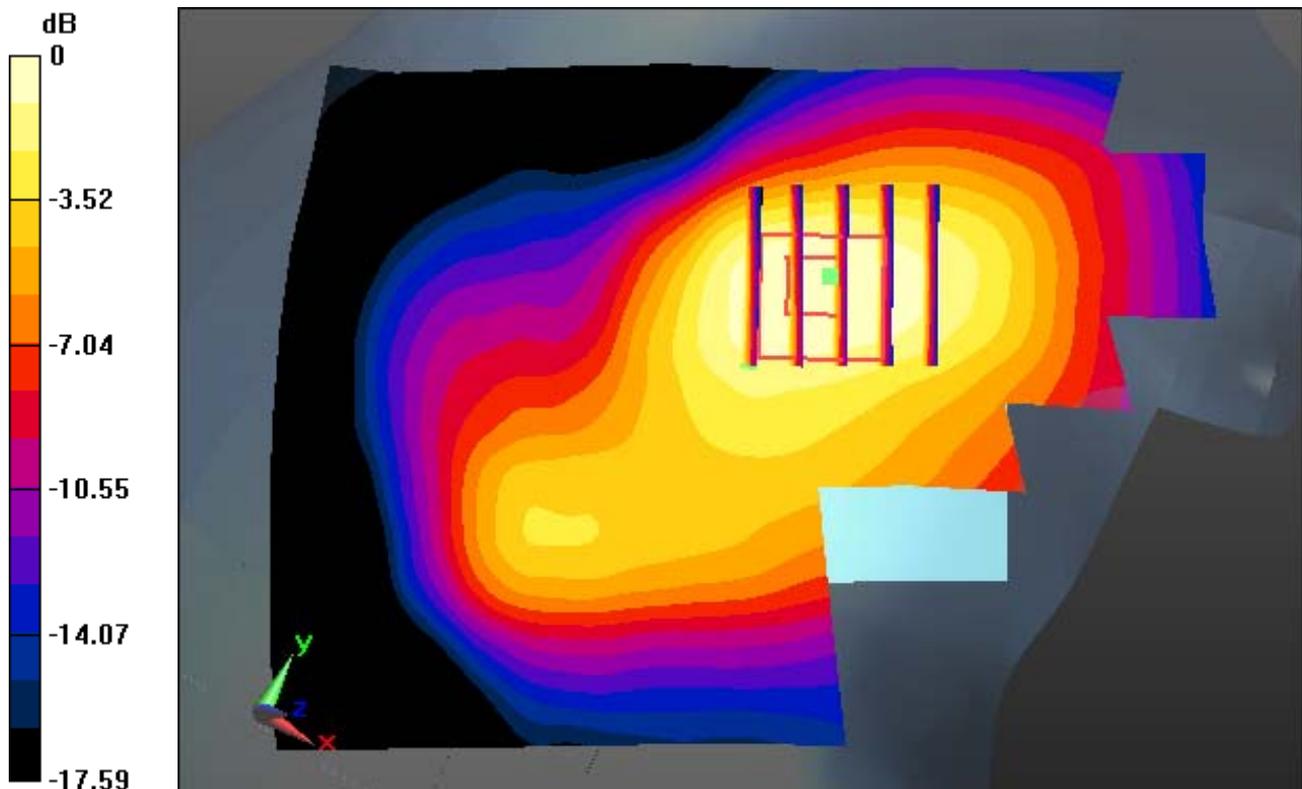
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.895 mW/g

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.712 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery**

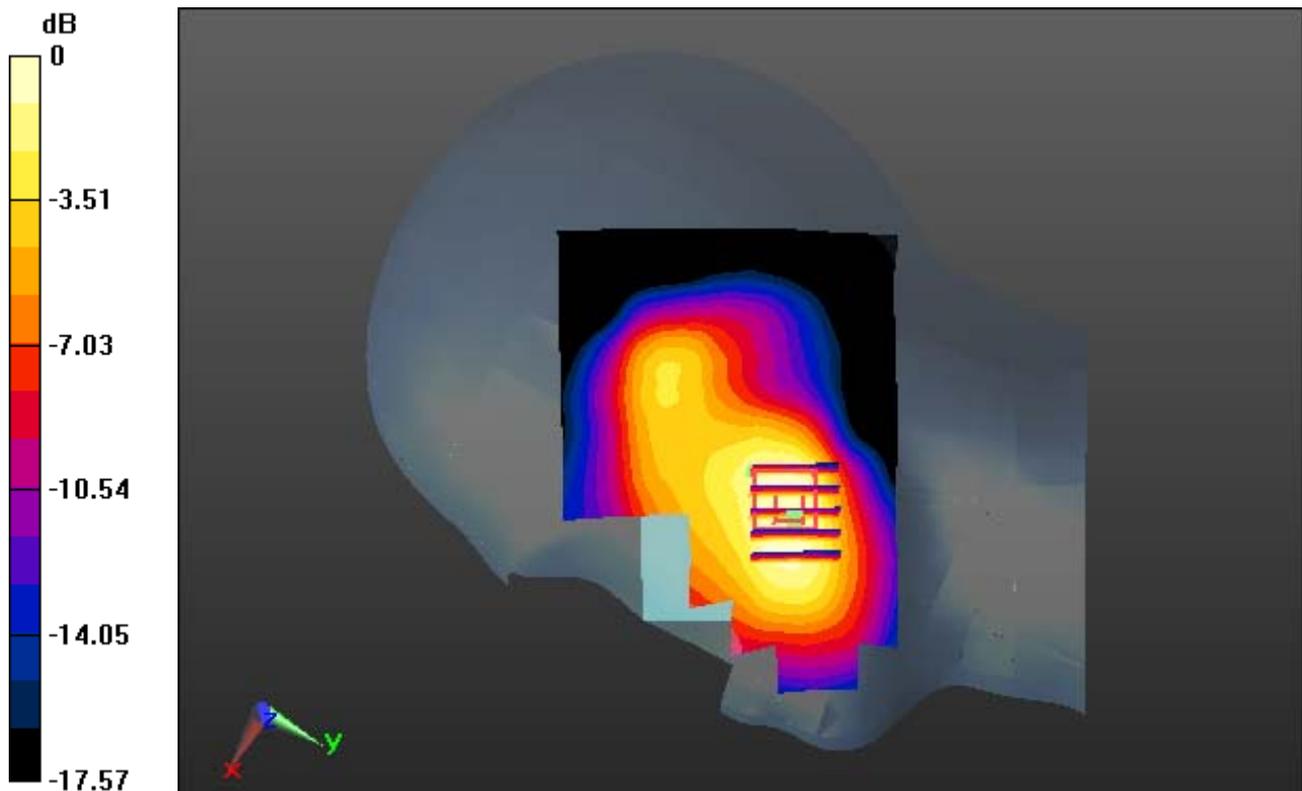
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.933 mW/g

**SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.340 W/kg**



0 dB = 0.746 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

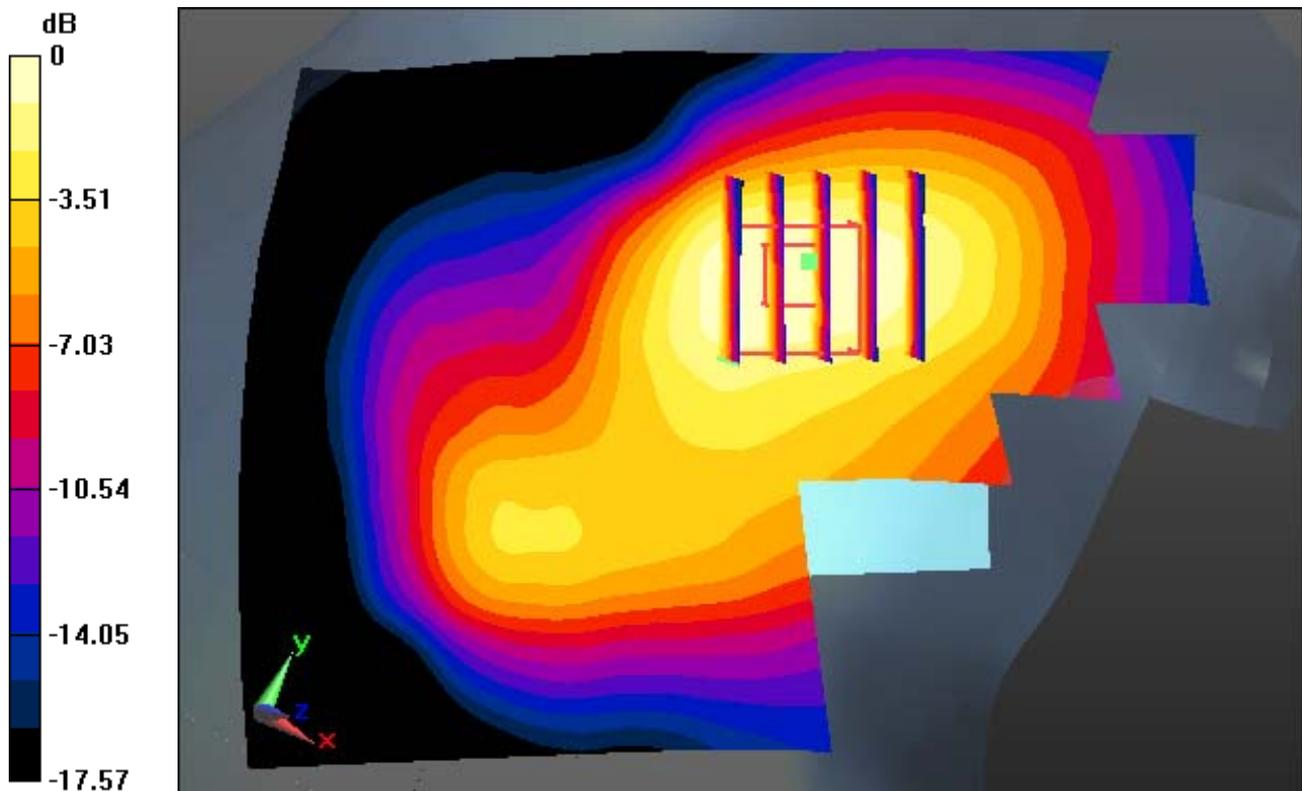
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.933 mW/g

**SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.340 W/kg**



0 dB = 0.746 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

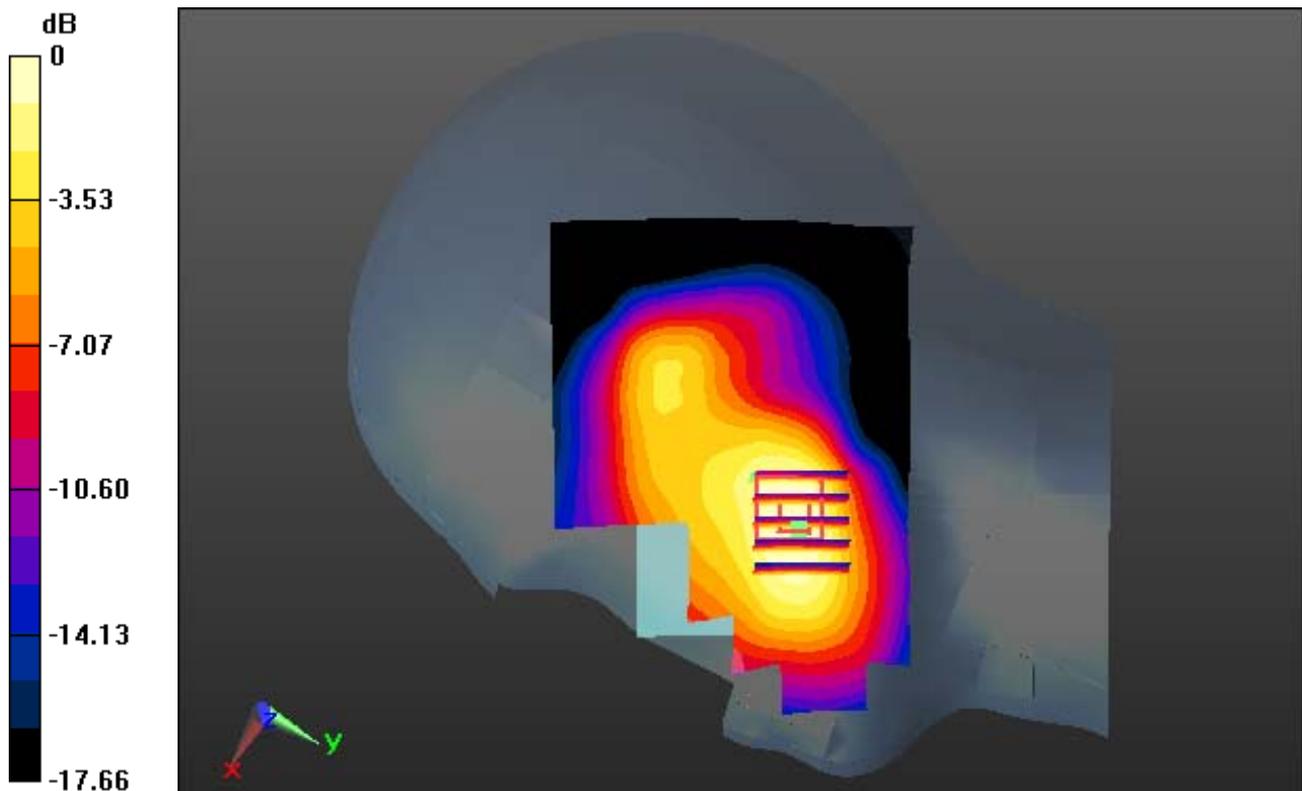
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.993 mW/g

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.364 W/kg



0 dB = 0.791 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

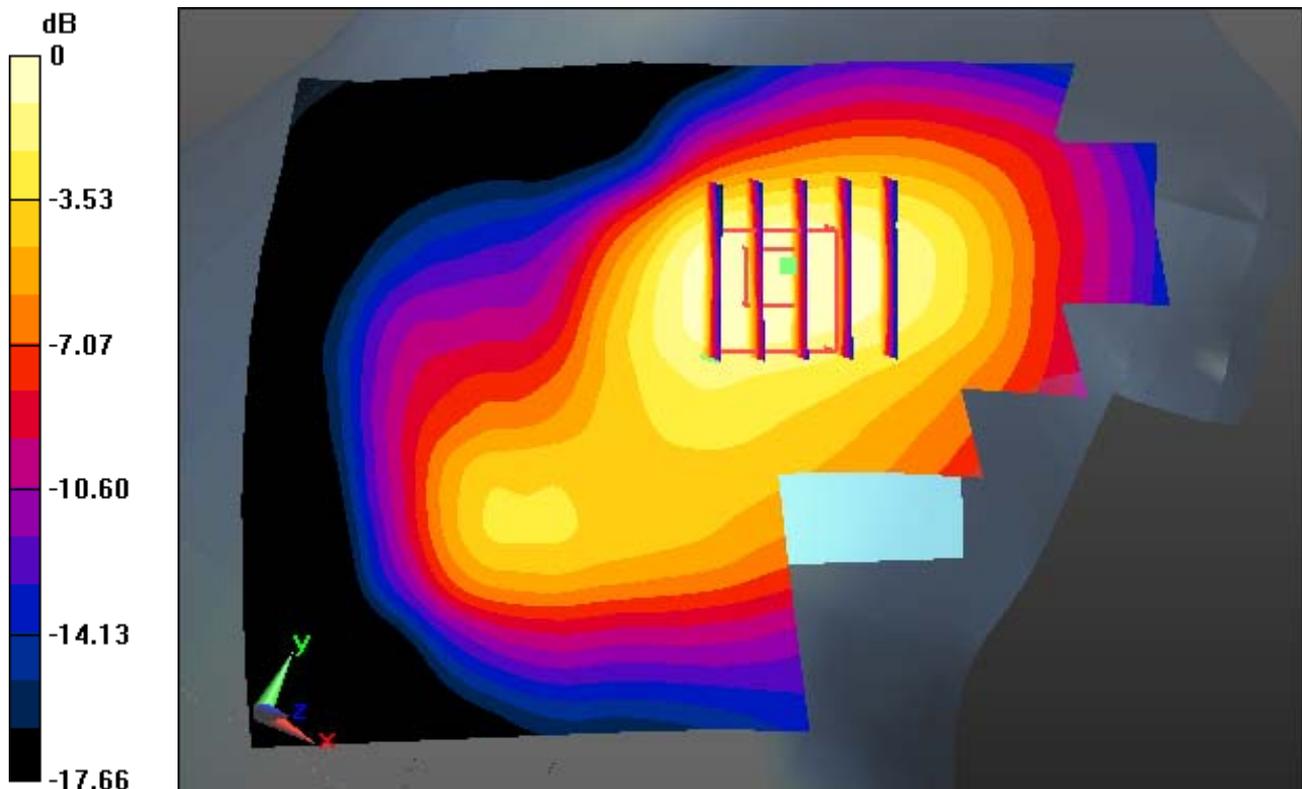
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.993 mW/g

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.364 W/kg



0 dB = 0.791 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Tilt, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

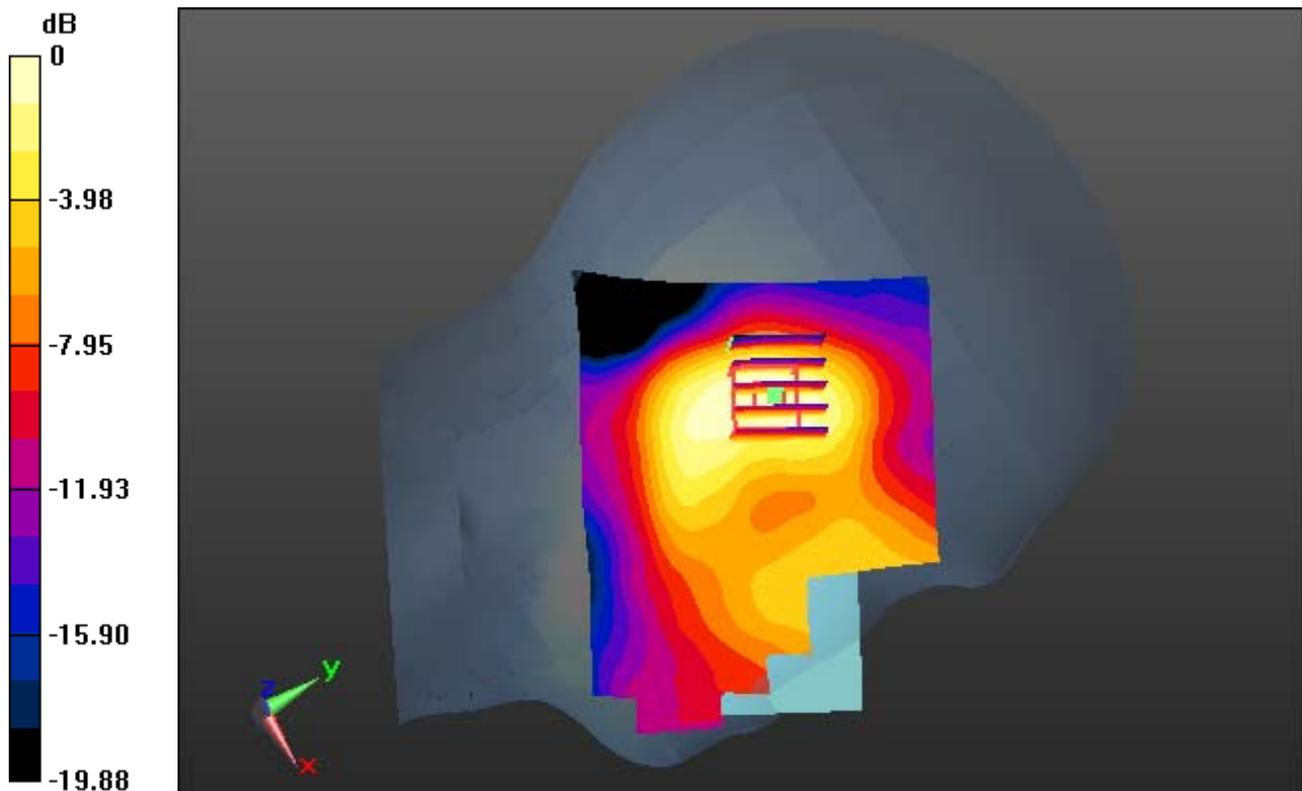
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.320 mW/g

**SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.111 W/kg**



0 dB = 0.255 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Left Tilt, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

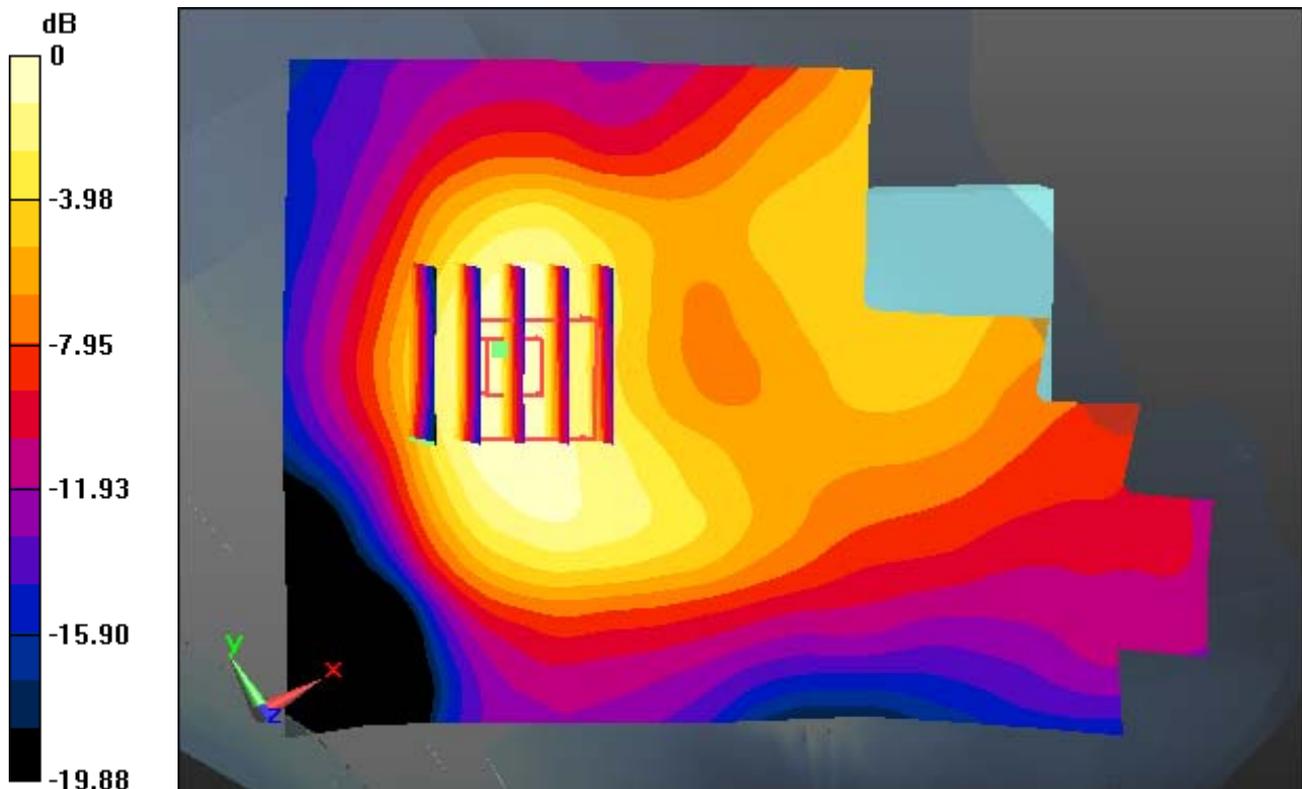
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.320 mW/g

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.111 W/kg



0 dB = 0.255 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Tilt, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

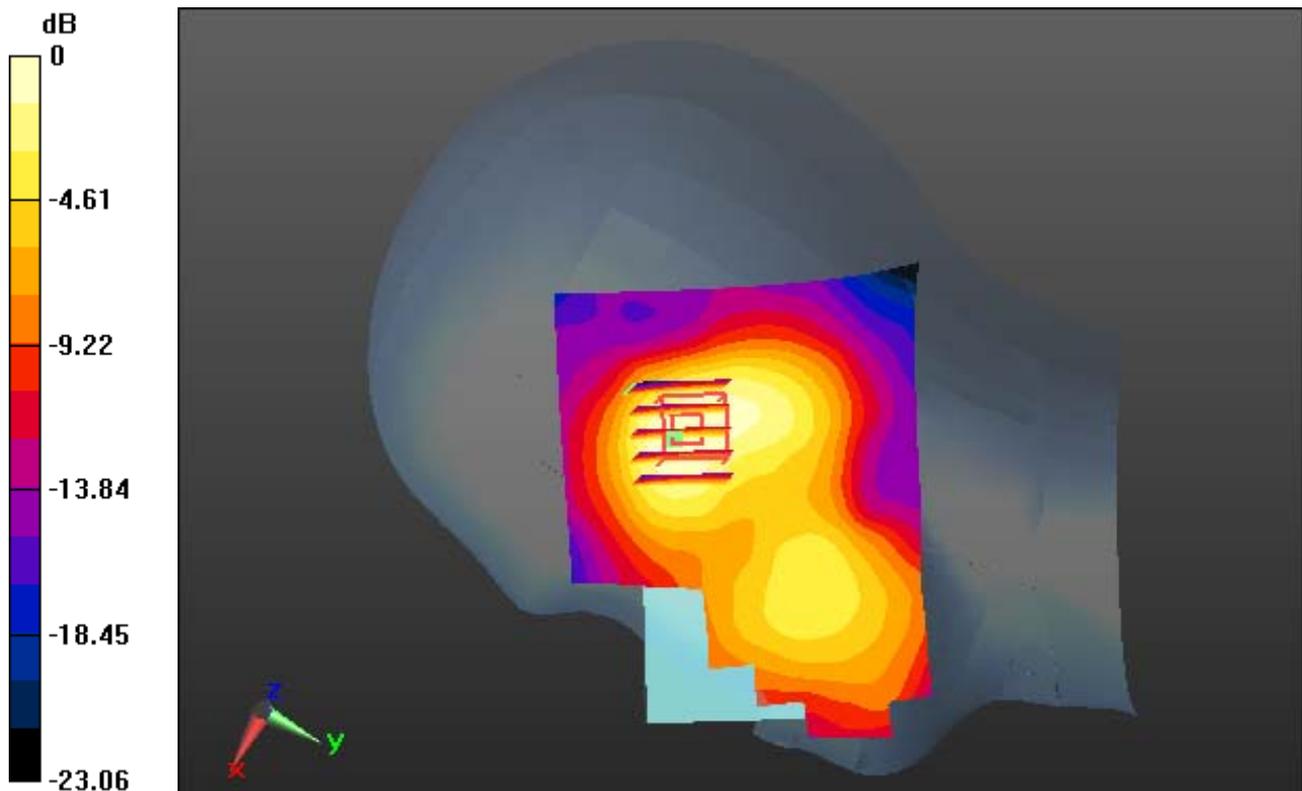
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.447 mW/g

**SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.166 W/kg**



0 dB = 0.360 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Tilt, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

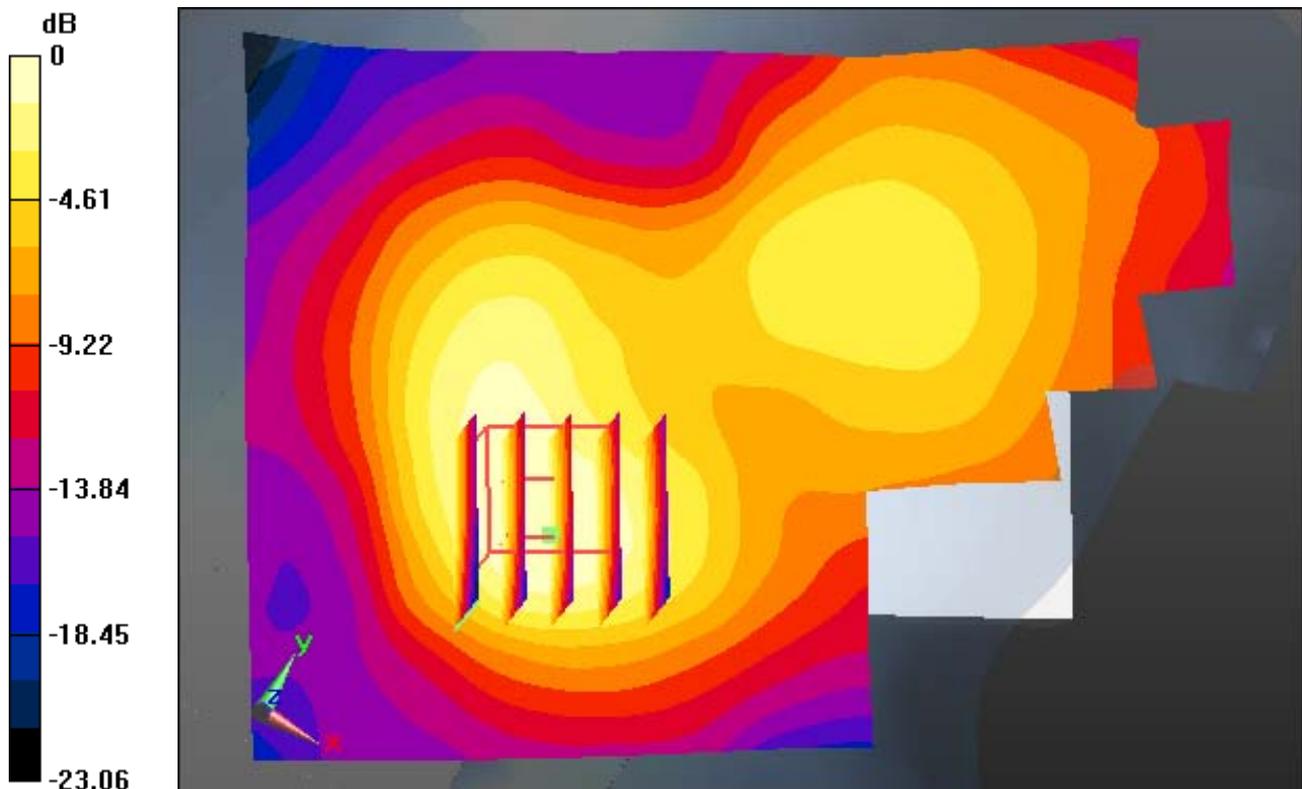
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.447 mW/g

**SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.166 W/kg**



0 dB = 0.360 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  mho/m;  $\epsilon_r = 38.892$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.76, 7.76, 7.76); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-05; Ambient Temp: 21.2; Tissue Temp: 21.4

**Right Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery**

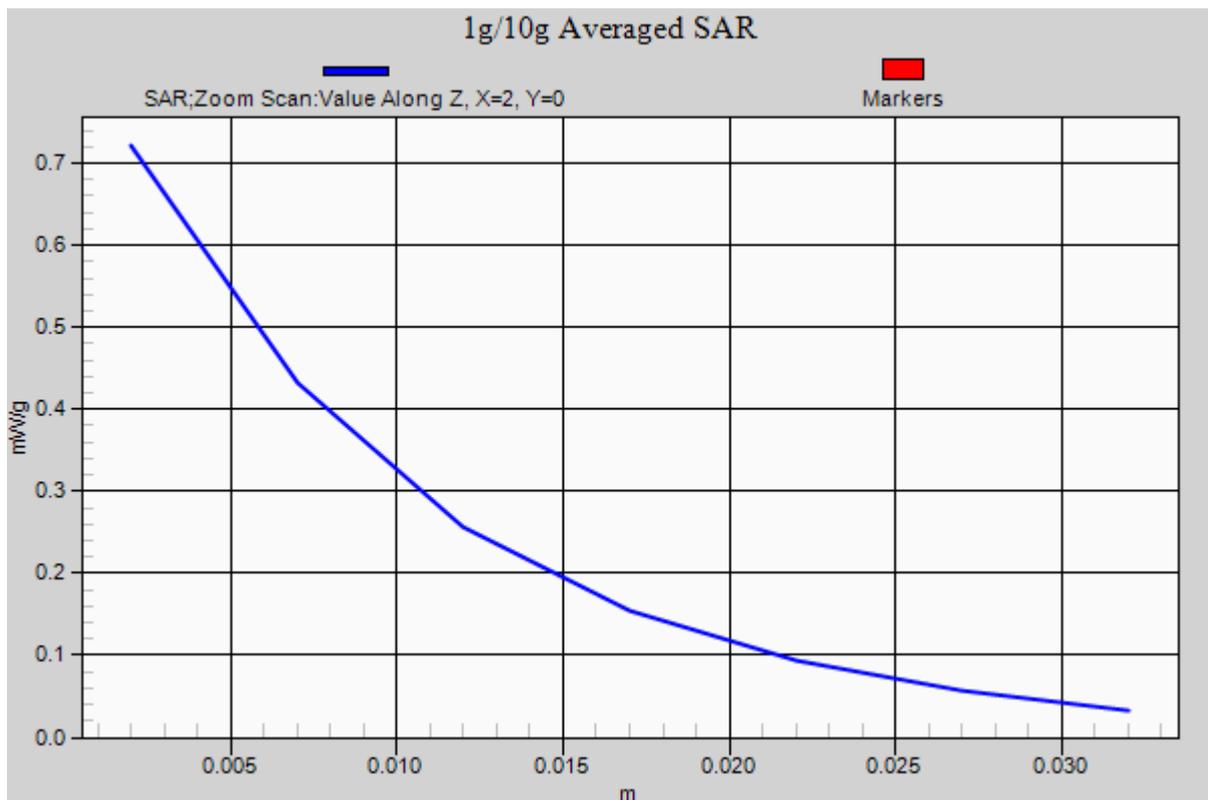
**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.993 mW/g

**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.364 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.773$  mho/m;  $\epsilon_r = 38.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

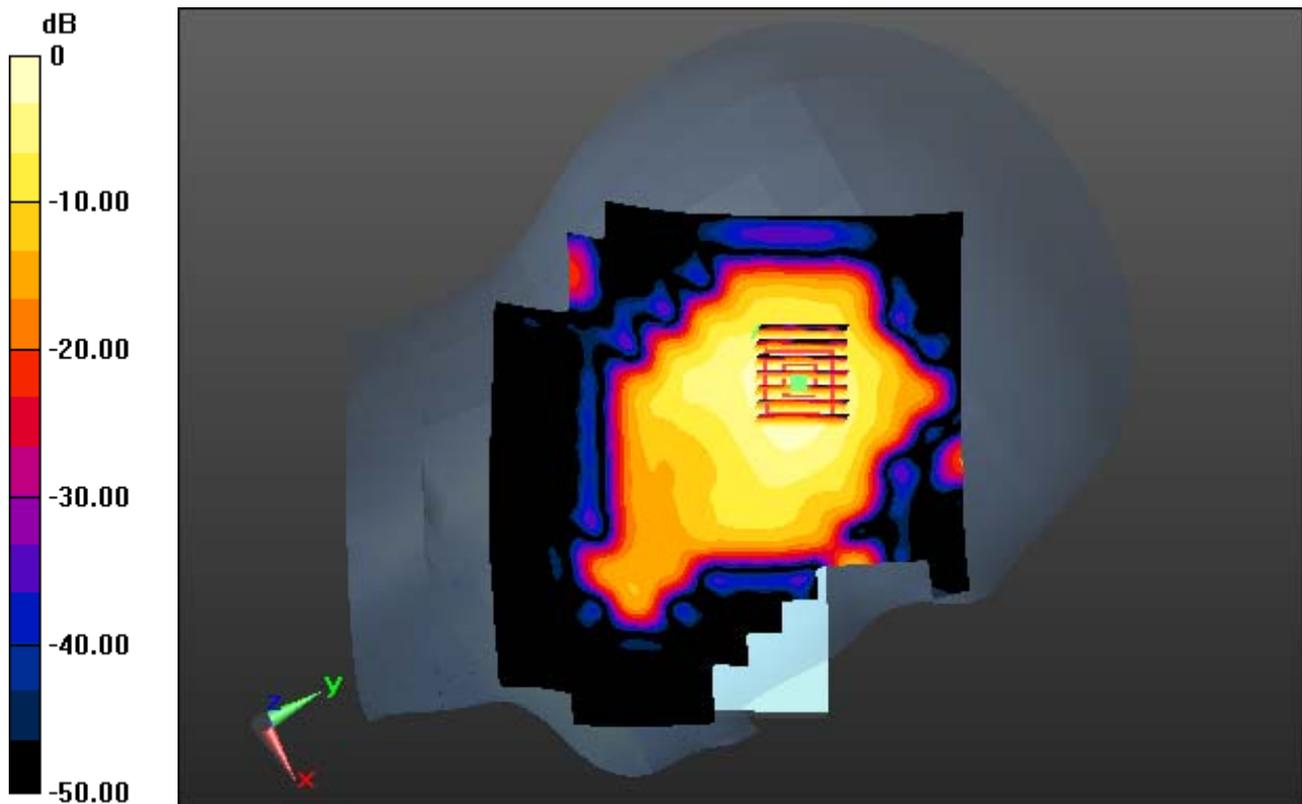
**Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.380 mW/g

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.263 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.773$  mho/m;  $\epsilon_r = 38.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

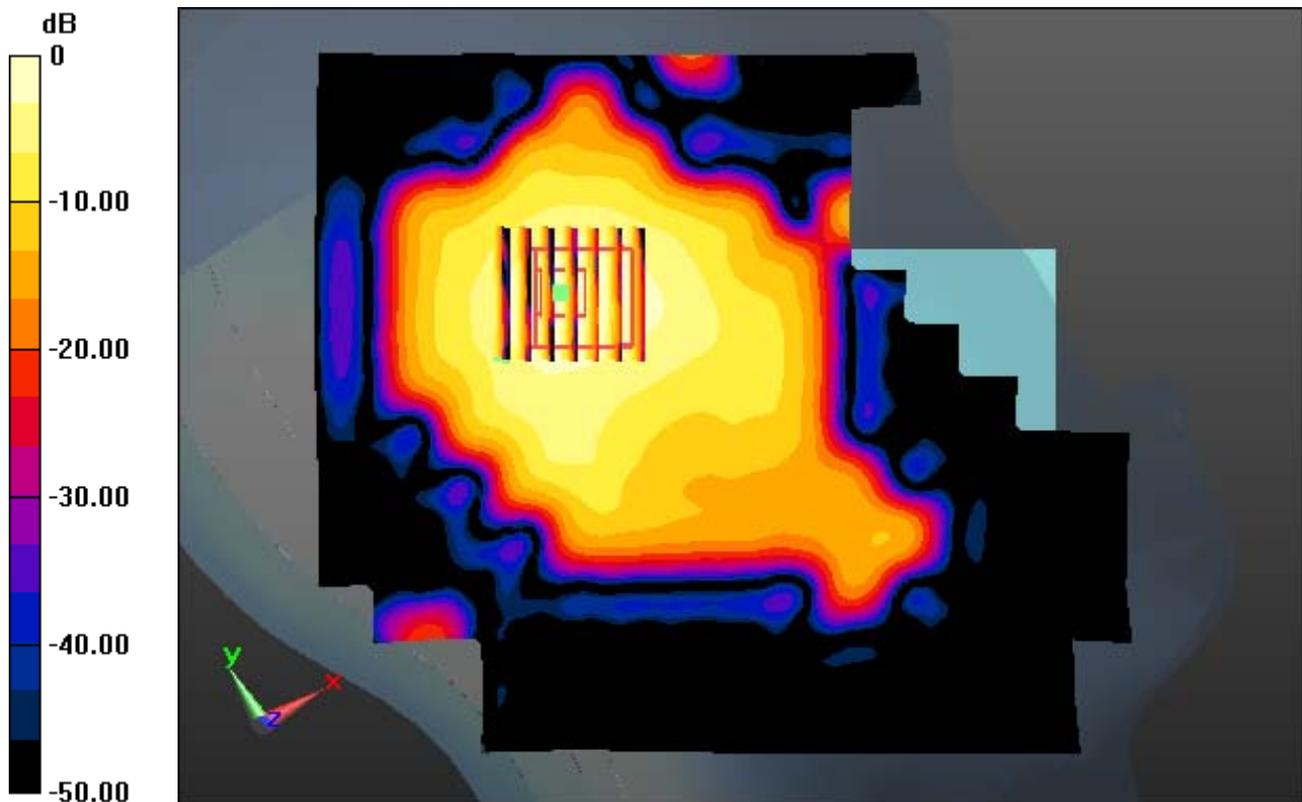
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.380 mW/g  
**SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.076 W/kg**



0 dB = 0.263 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.794$  mho/m;  $\epsilon_r = 38.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

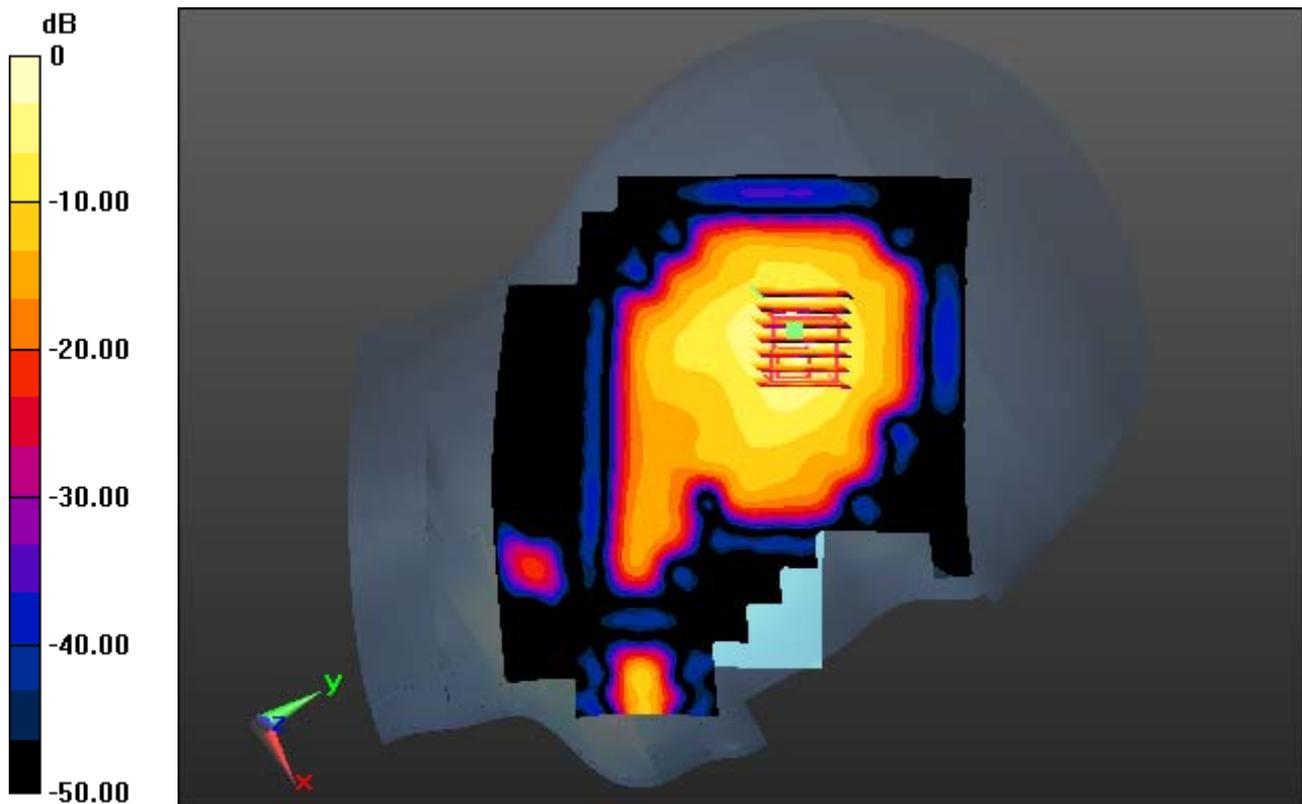
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

## **Left Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.660 mW/g  
**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.078 W/kg**



0 dB = 0.446 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.794$  mho/m;  $\epsilon_r = 38.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

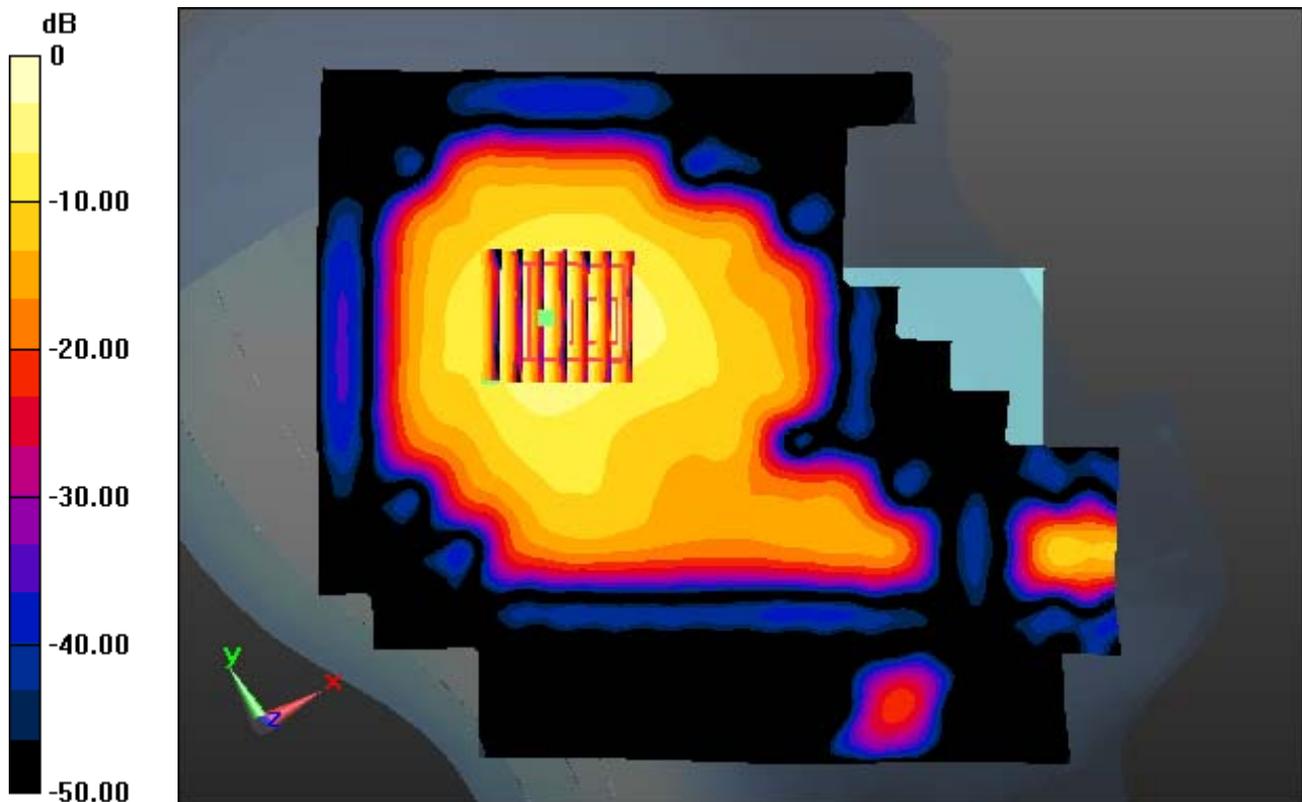
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Left Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 0.660 mW/g  
**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.078 W/kg**



0 dB = 0.446 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

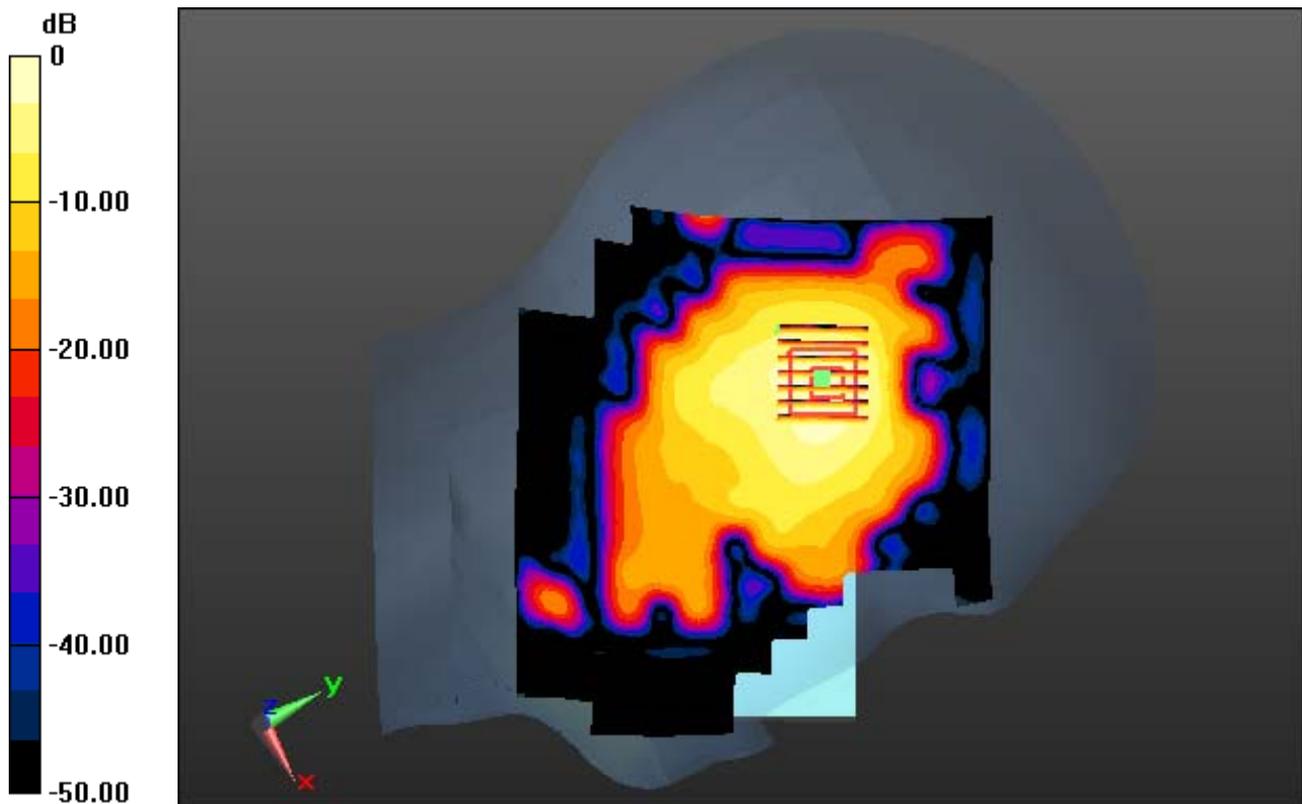
**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.428 mW/g

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.085 W/kg**



0 dB = 0.289 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

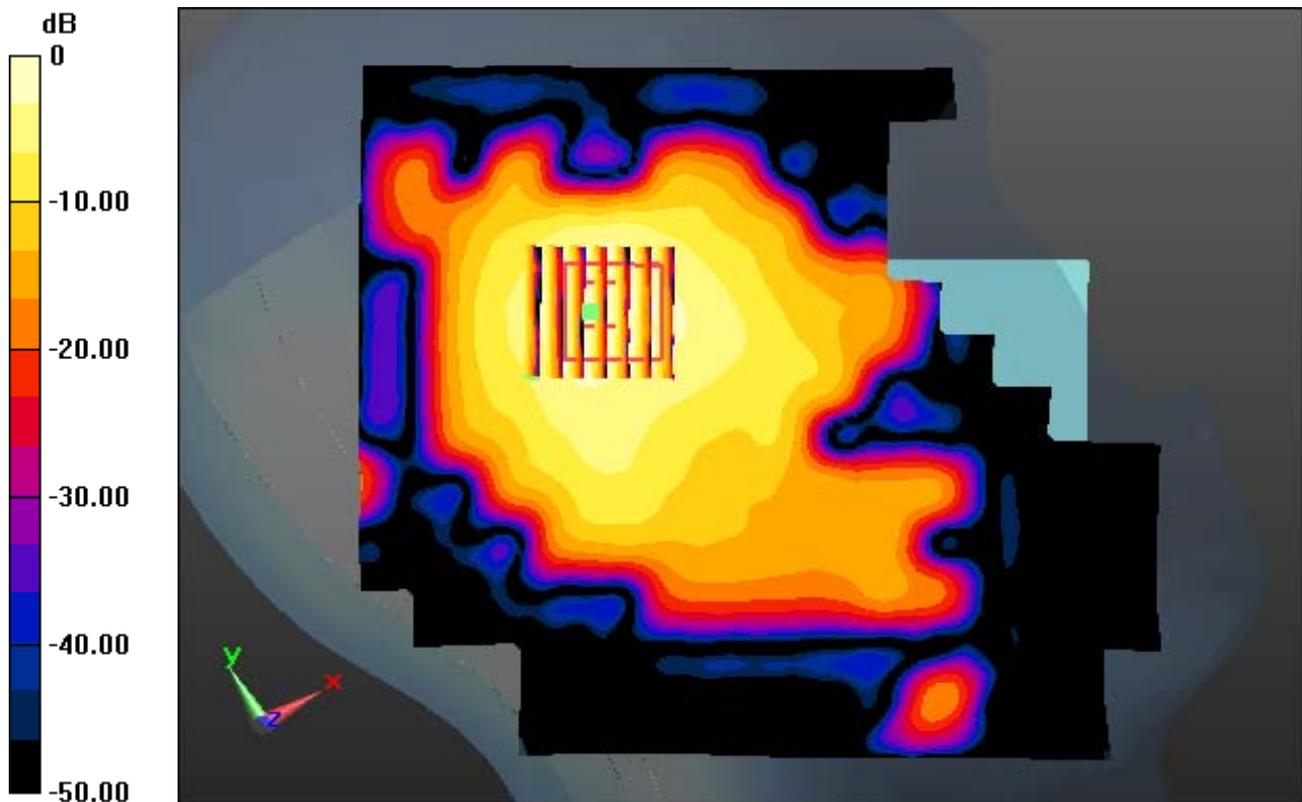
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.428 mW/g  
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.085 W/kg



0 dB = 0.289 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

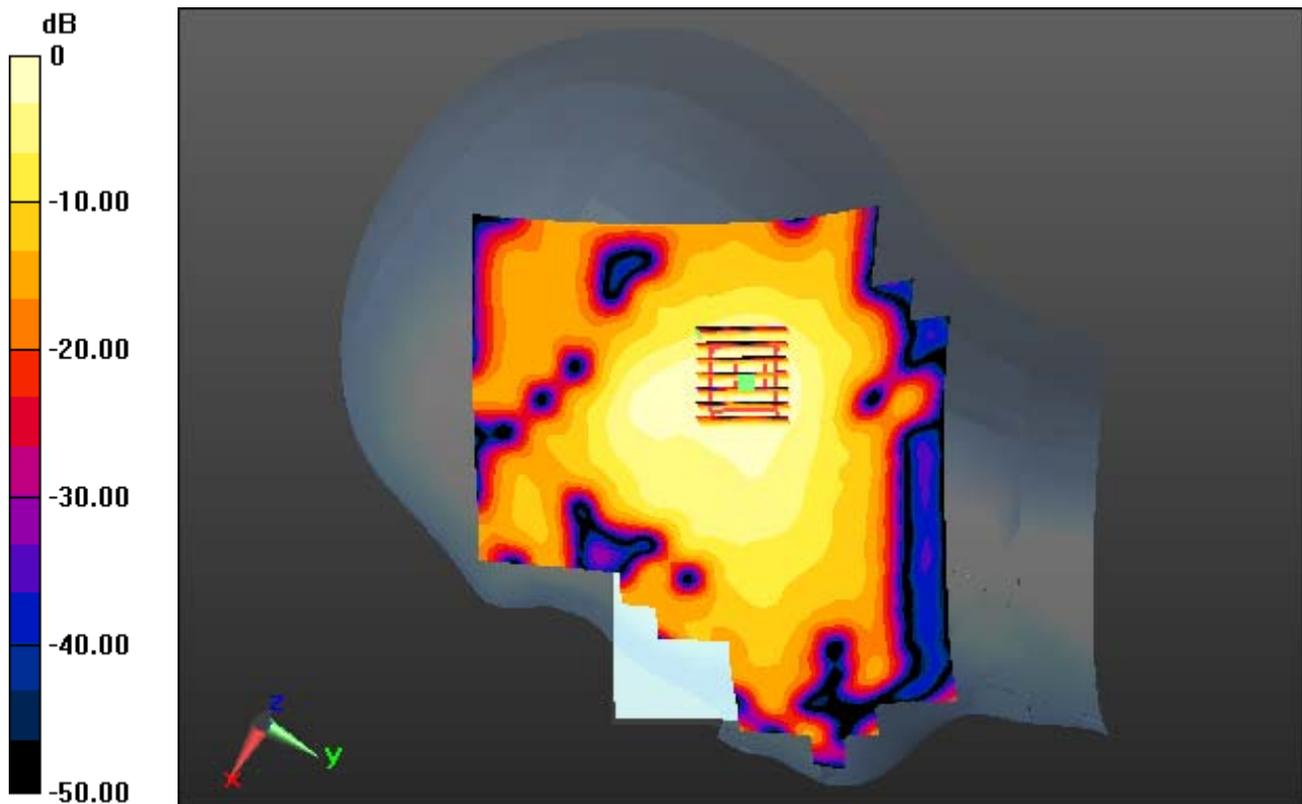
**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.220 mW/g

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.153 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

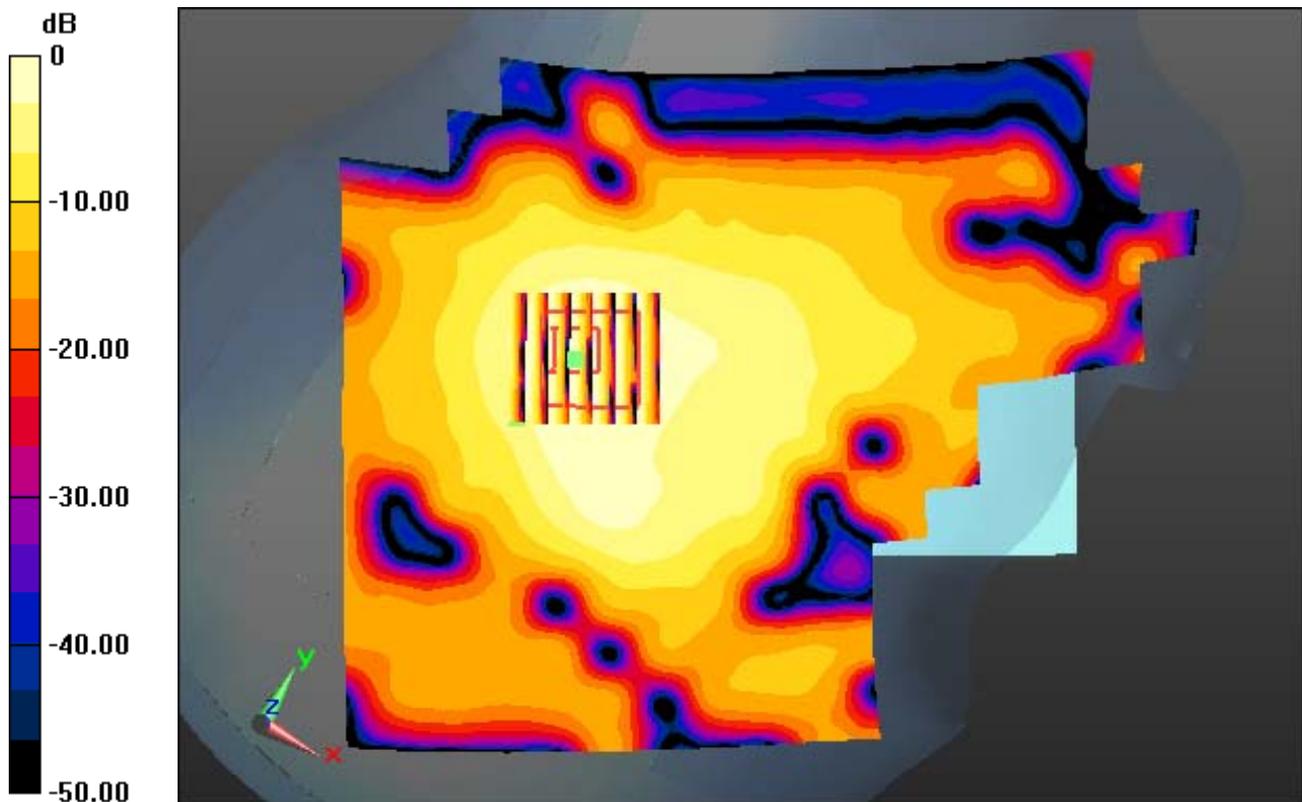
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.220 mW/g  
**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.049 W/kg**



0 dB = 0.153 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

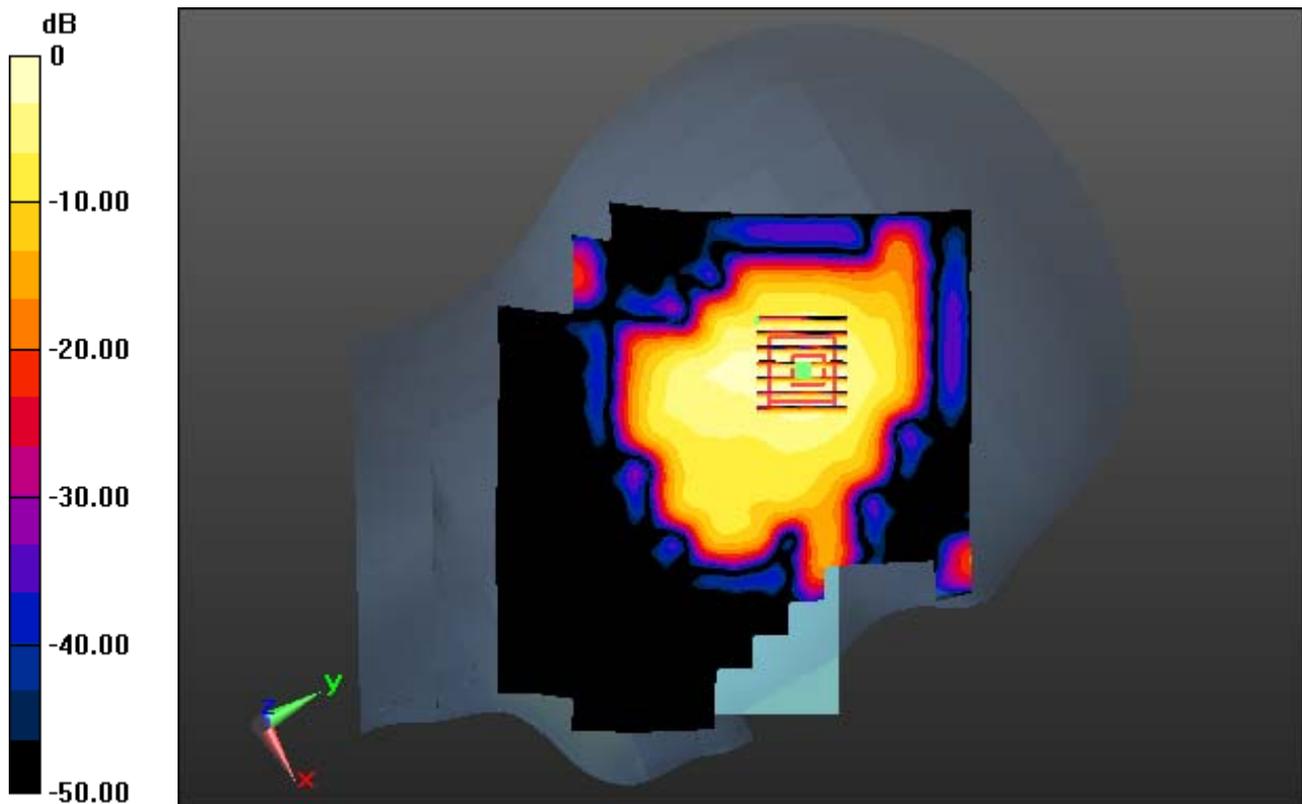
**Left Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.295 mW/g

**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.057 W/kg**



0 dB = 0.197 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

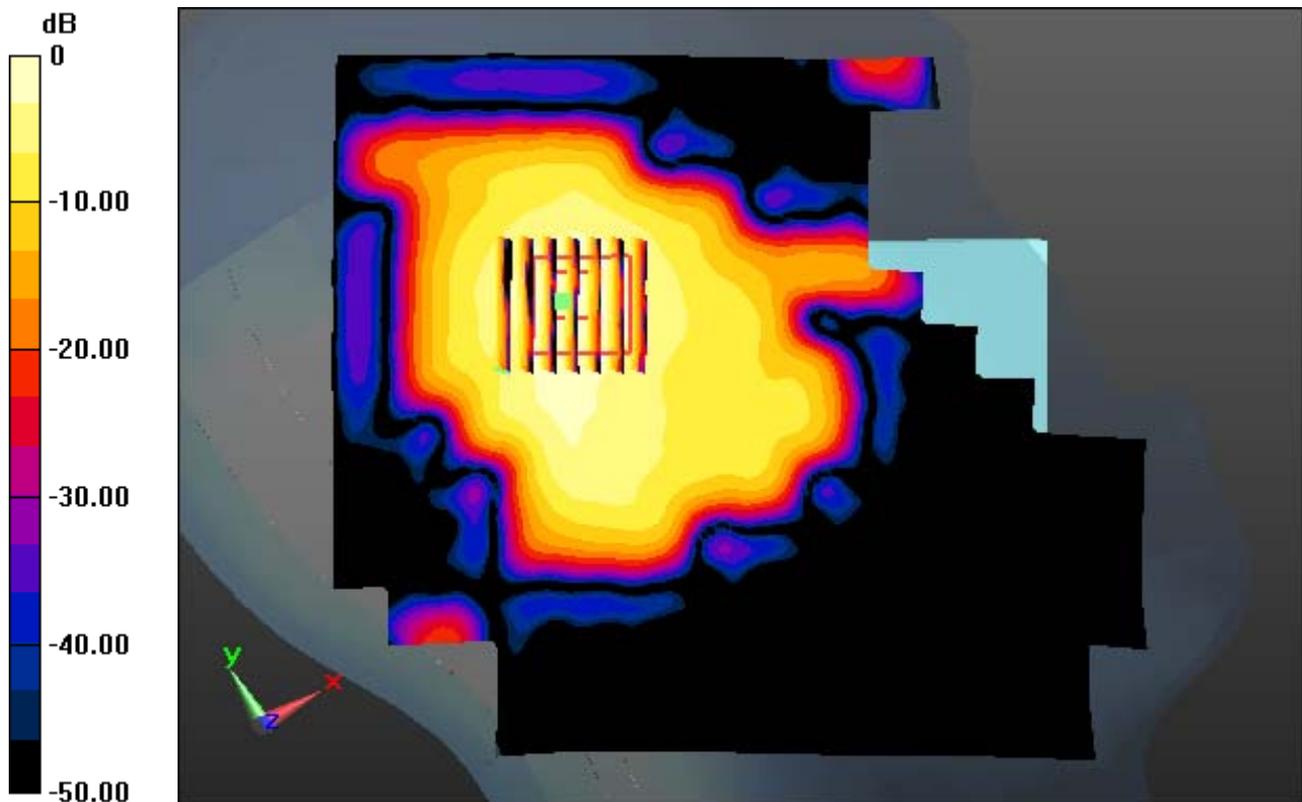
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Left Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.295 mW/g  
SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.197 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

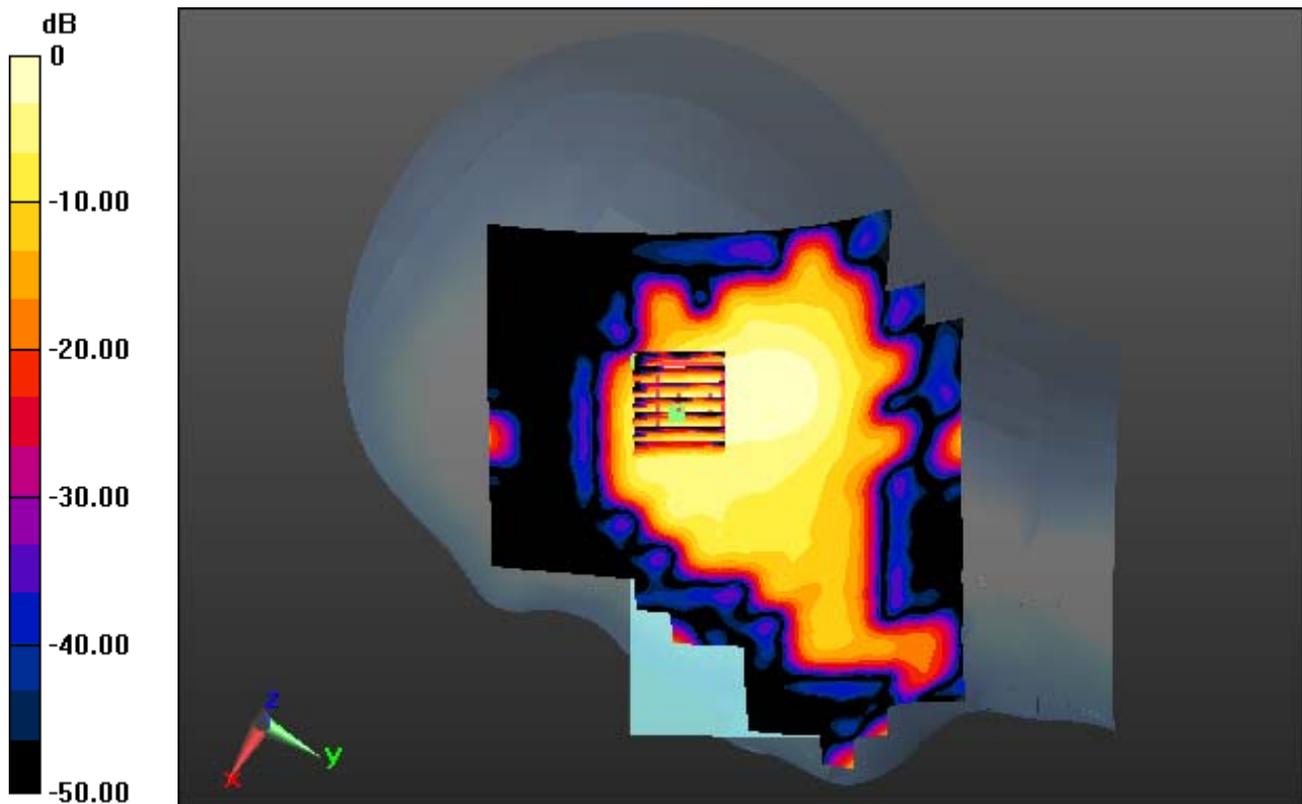
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

## **Right Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.190 mW/g  
**SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.037 W/kg**



0 dB = 0.134 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

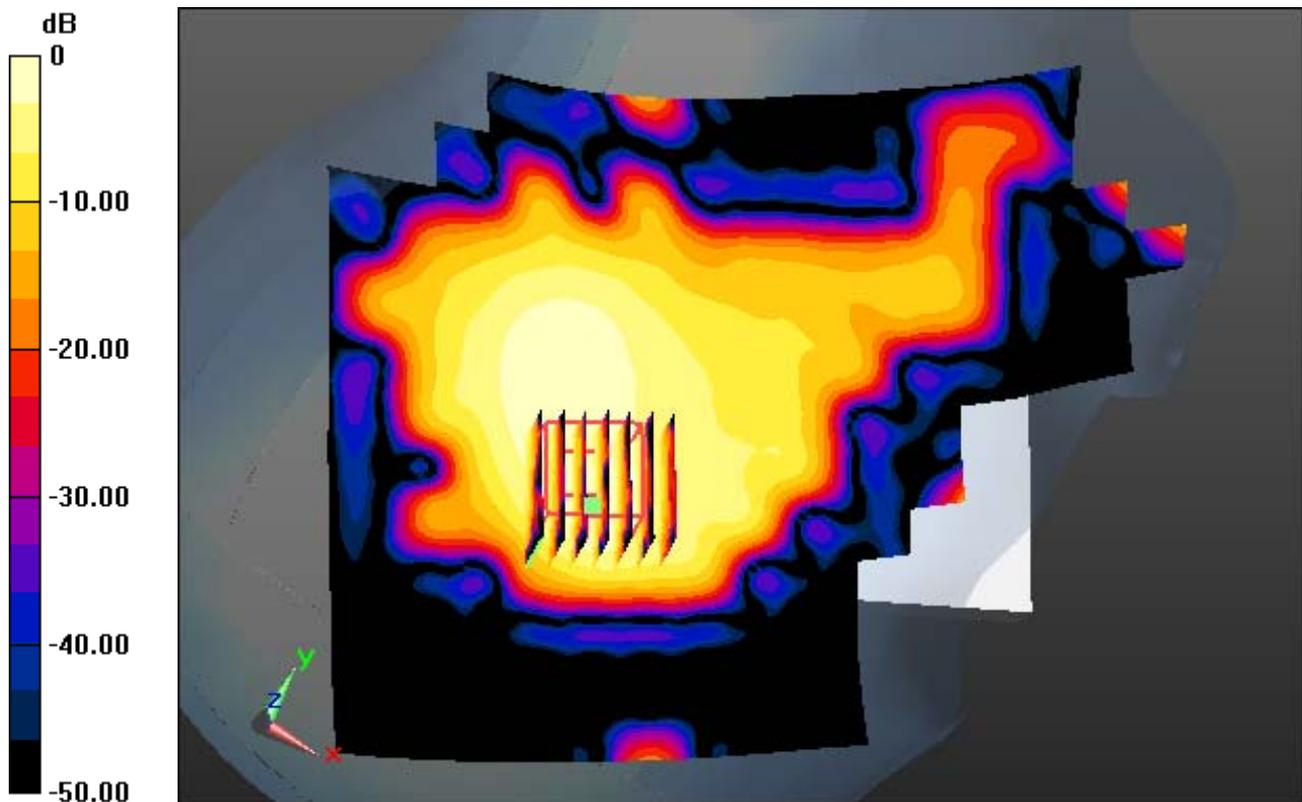
Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Right Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.190 mW/g  
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.037 W/kg



0 dB = 0.134 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.816$  mho/m;  $\epsilon_r = 38.726$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

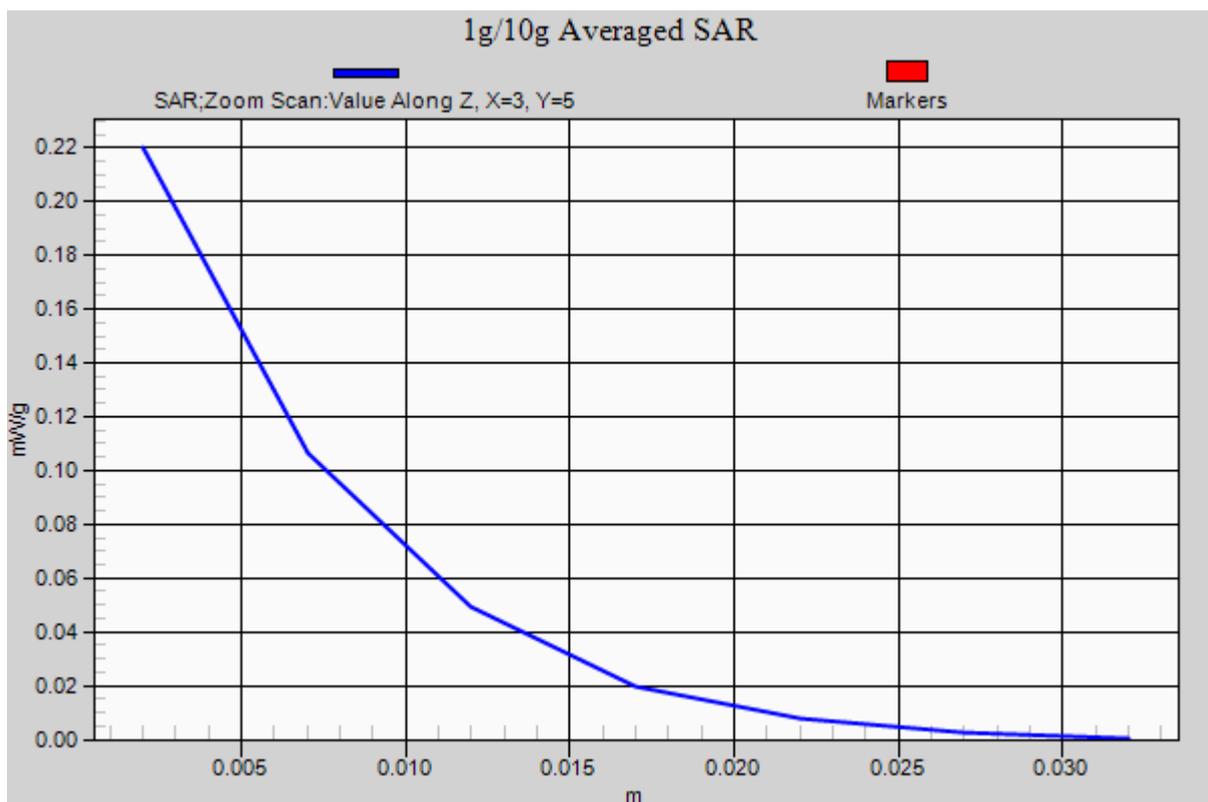
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.98, 6.98, 6.98); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (131x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.428 mW/g  
**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.085 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Bottom, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

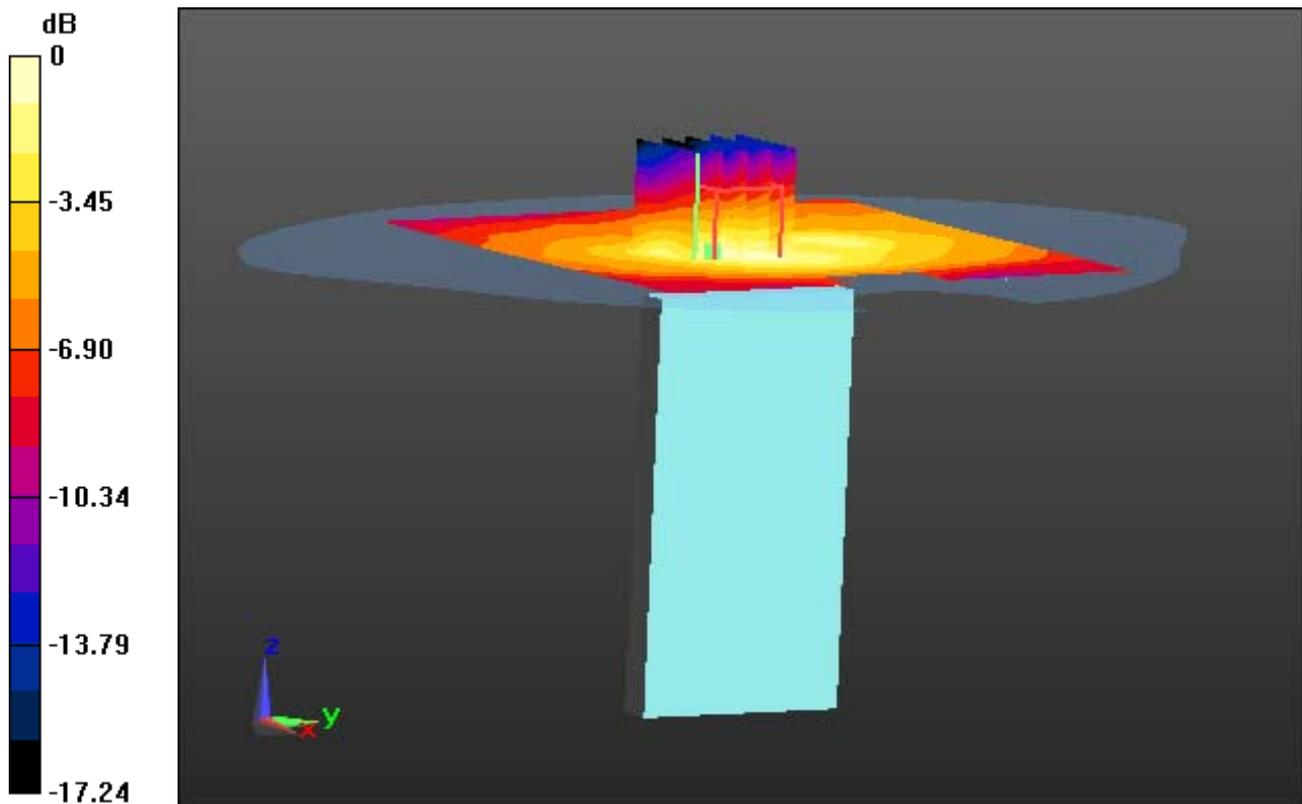
**Area Scan (101x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.084 mW/g

**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.025 W/kg**



0 dB = 0.0589 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Bottom, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

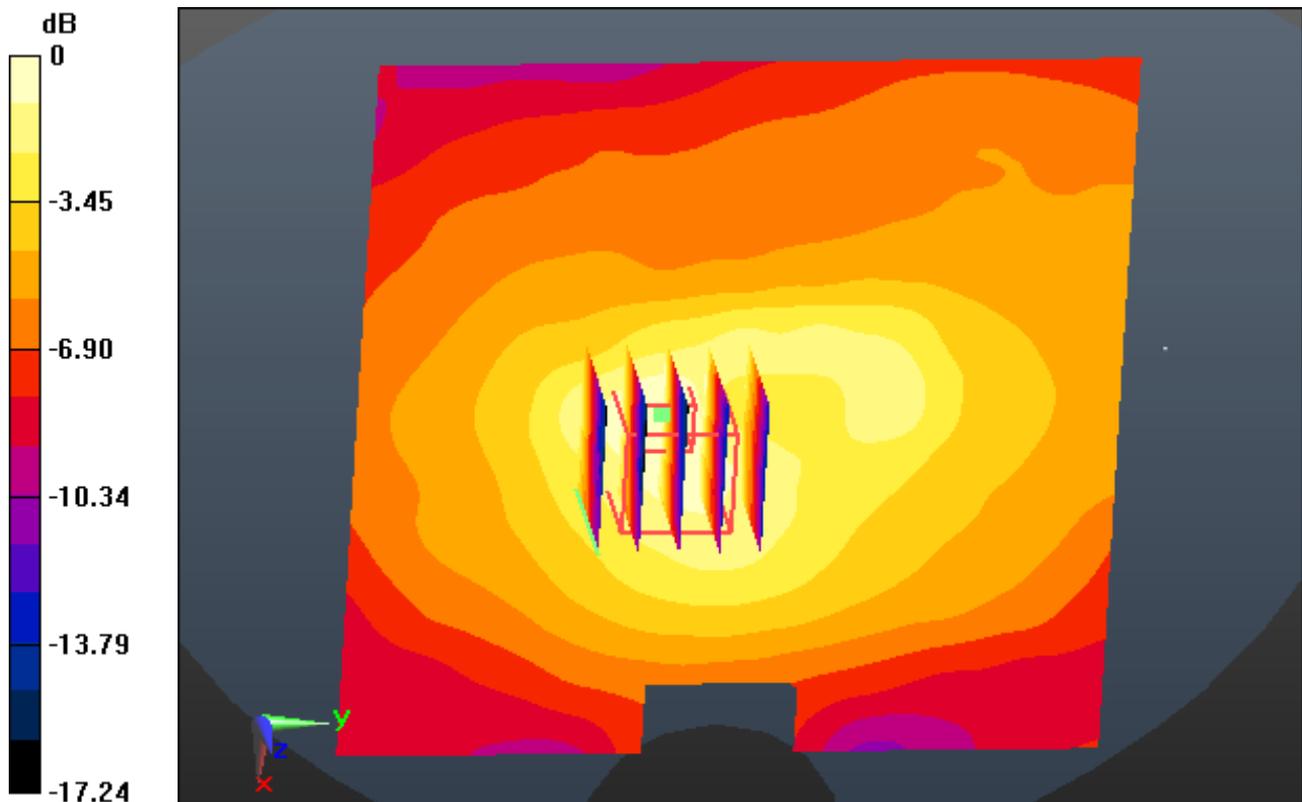
**Area Scan (101x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.084 mW/g

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.025 W/kg



0 dB = 0.0589 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Front, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

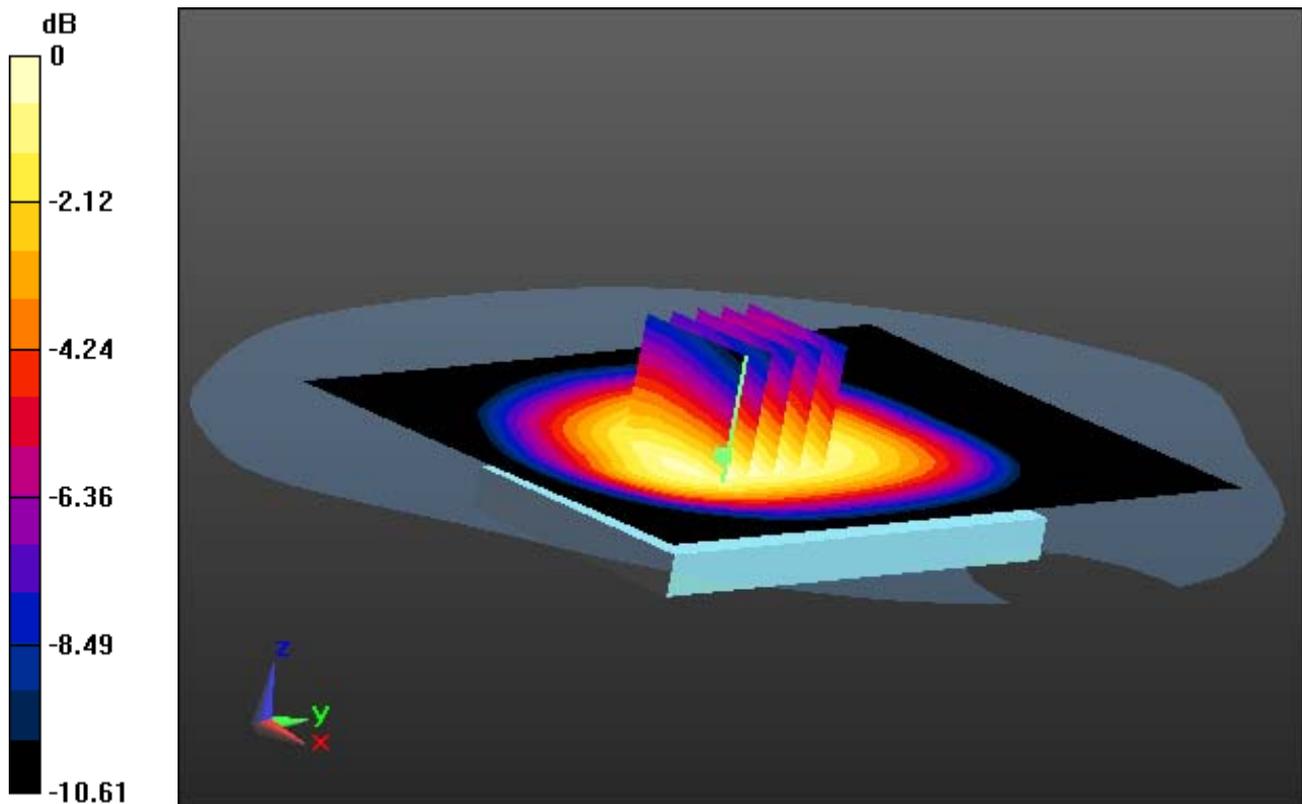
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.813 mW/g

**SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.474 W/kg**



0 dB = 0.731 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Front, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

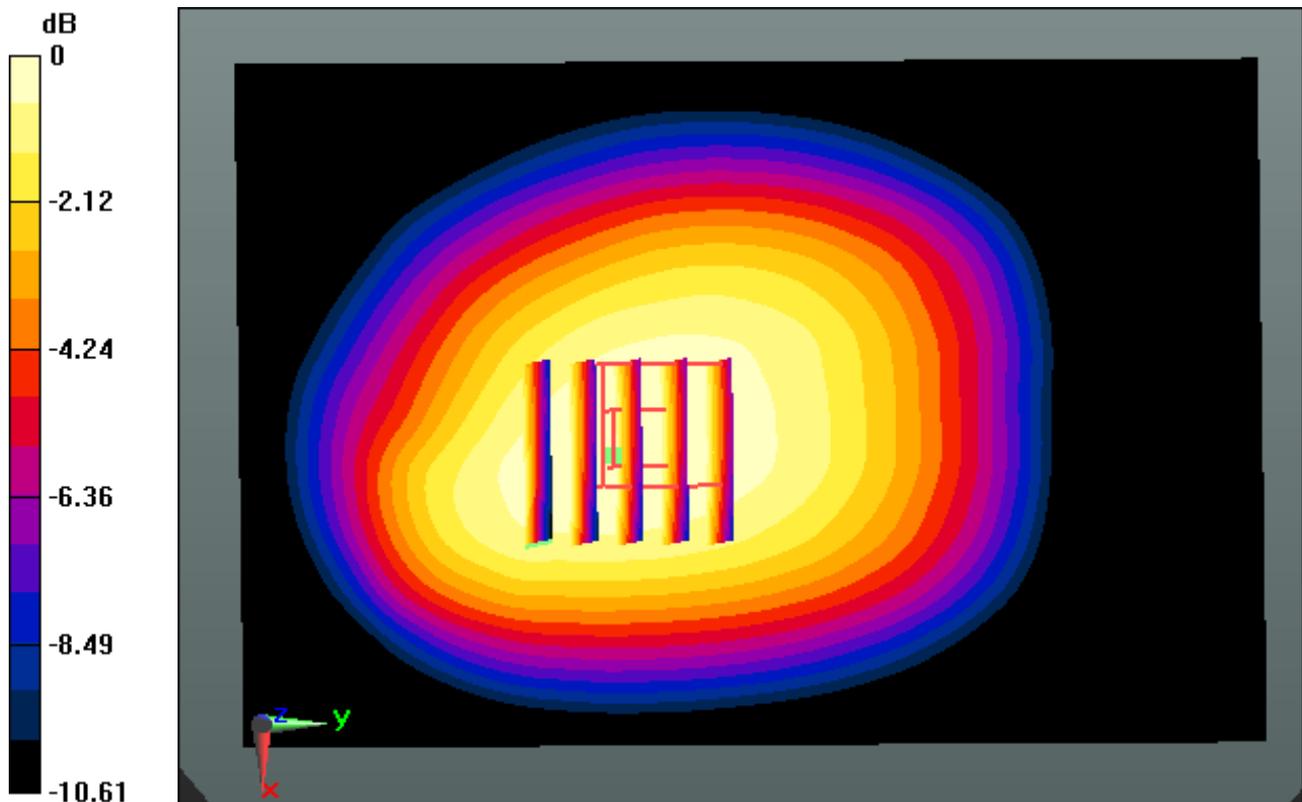
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.813 mW/g

**SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.474 W/kg**



0 dB = 0.731 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 Ch. 190, Ant Internal**

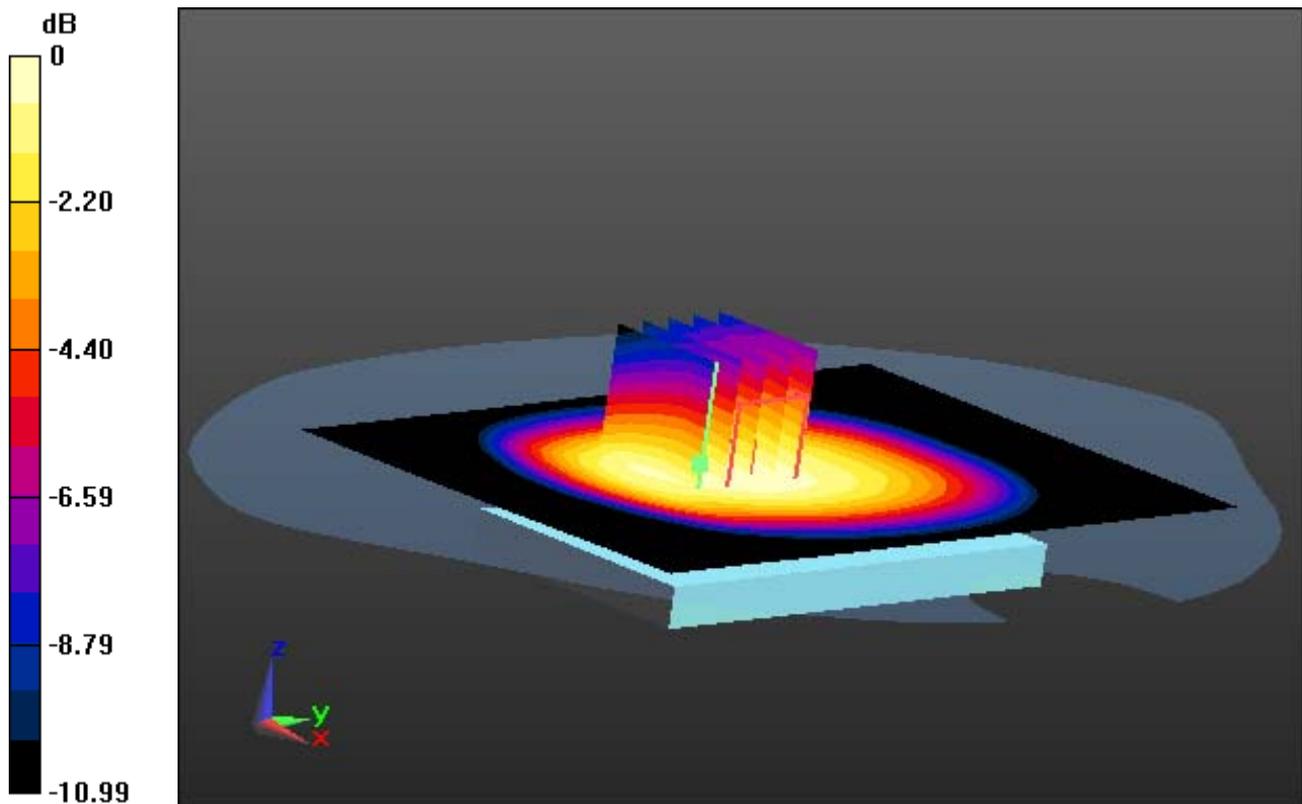
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.673 mW/g

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.382 W/kg



0 dB = 0.598 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 Ch. 190, Ant Internal**

**With Enlarge plot image**

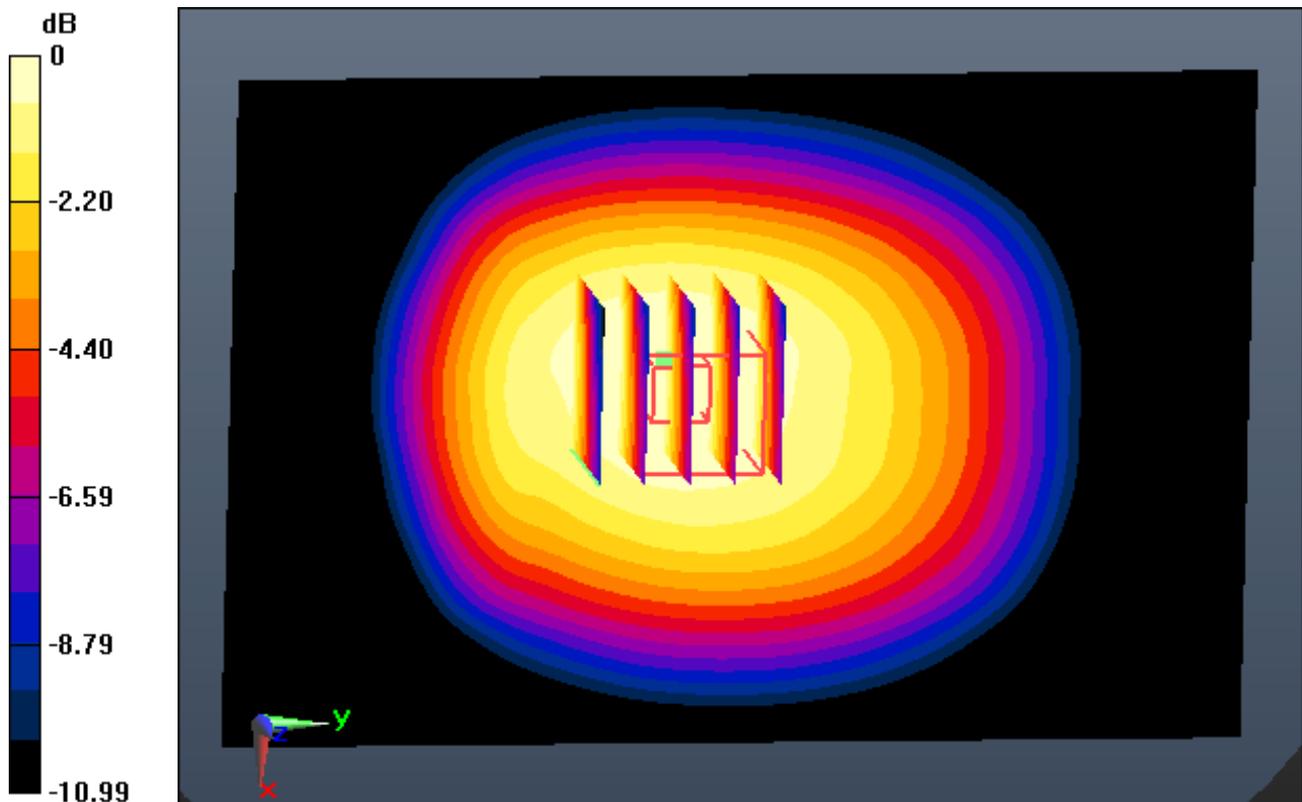
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.673 mW/g

**SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.382 W/kg**



0 dB = 0.598 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 1 Tx Ch. 190, Ant Internal**

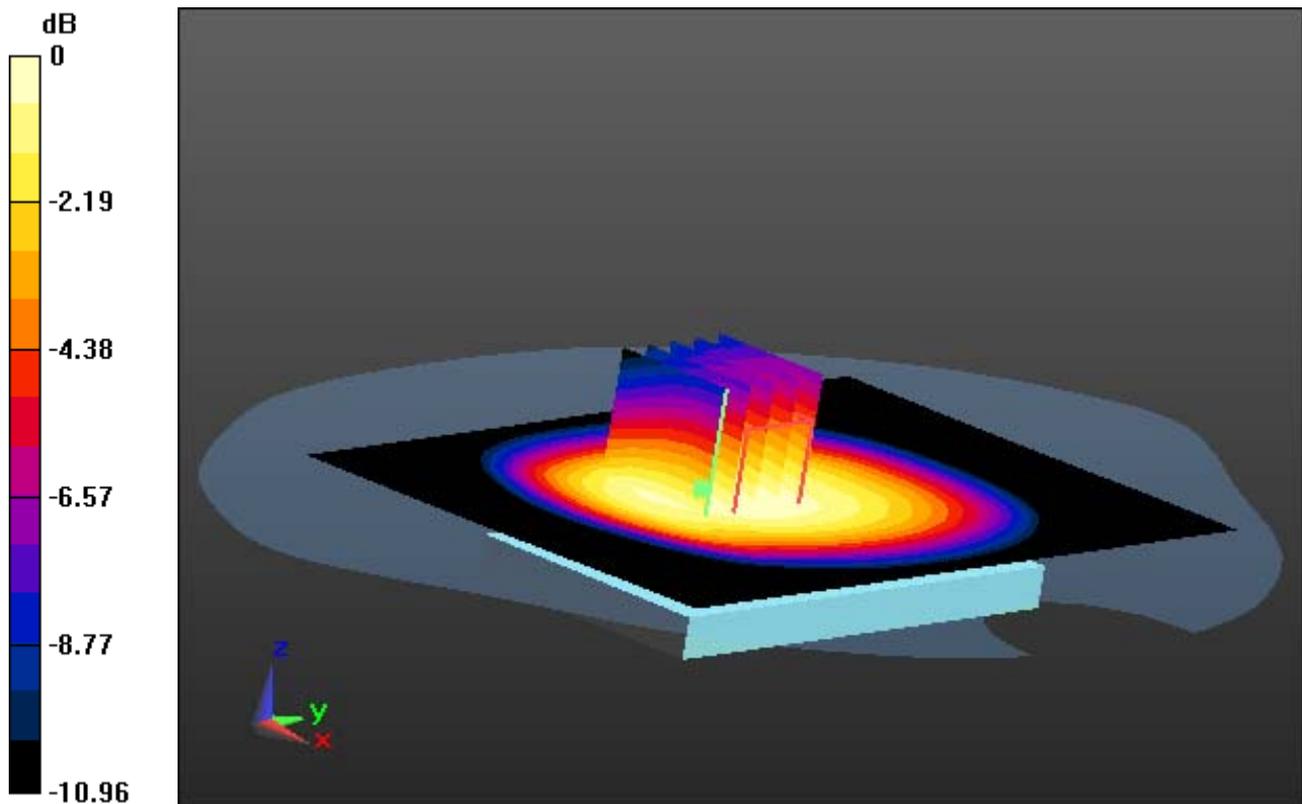
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.685 mW/g

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.386 W/kg



0 dB = 0.607 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 1 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

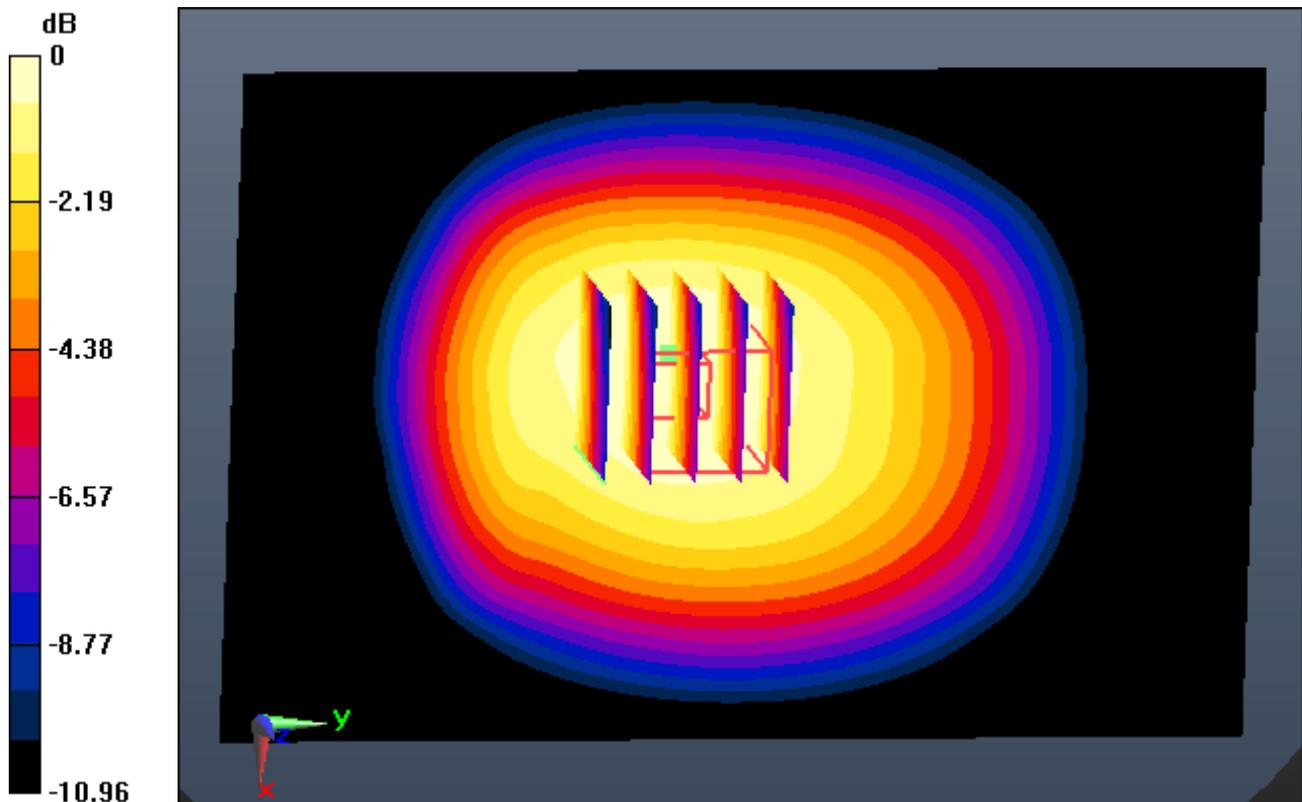
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.685 mW/g

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.386 W/kg



0 dB = 0.607 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 2 Tx Ch. 190, Ant Internal**

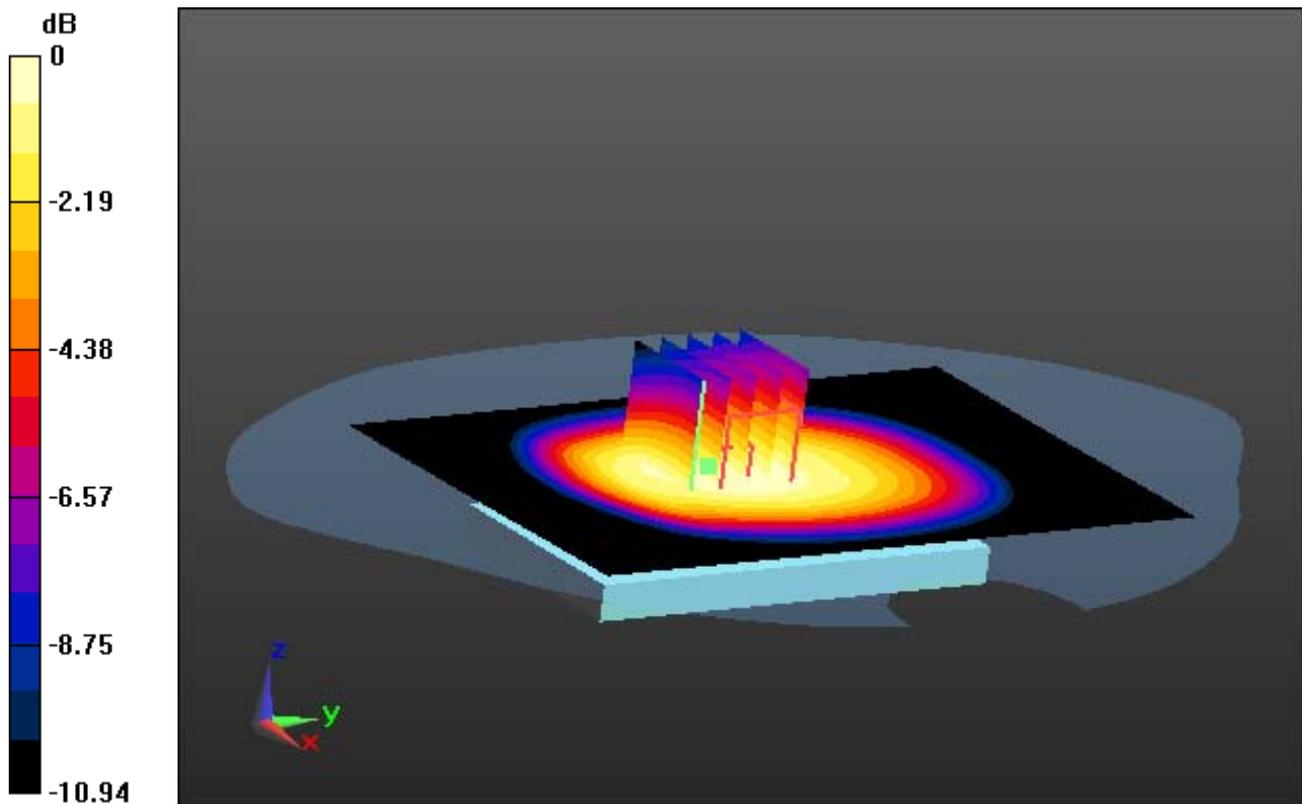
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.997 mW/g

**SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.565 W/kg**



0 dB = 0.887 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 2 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

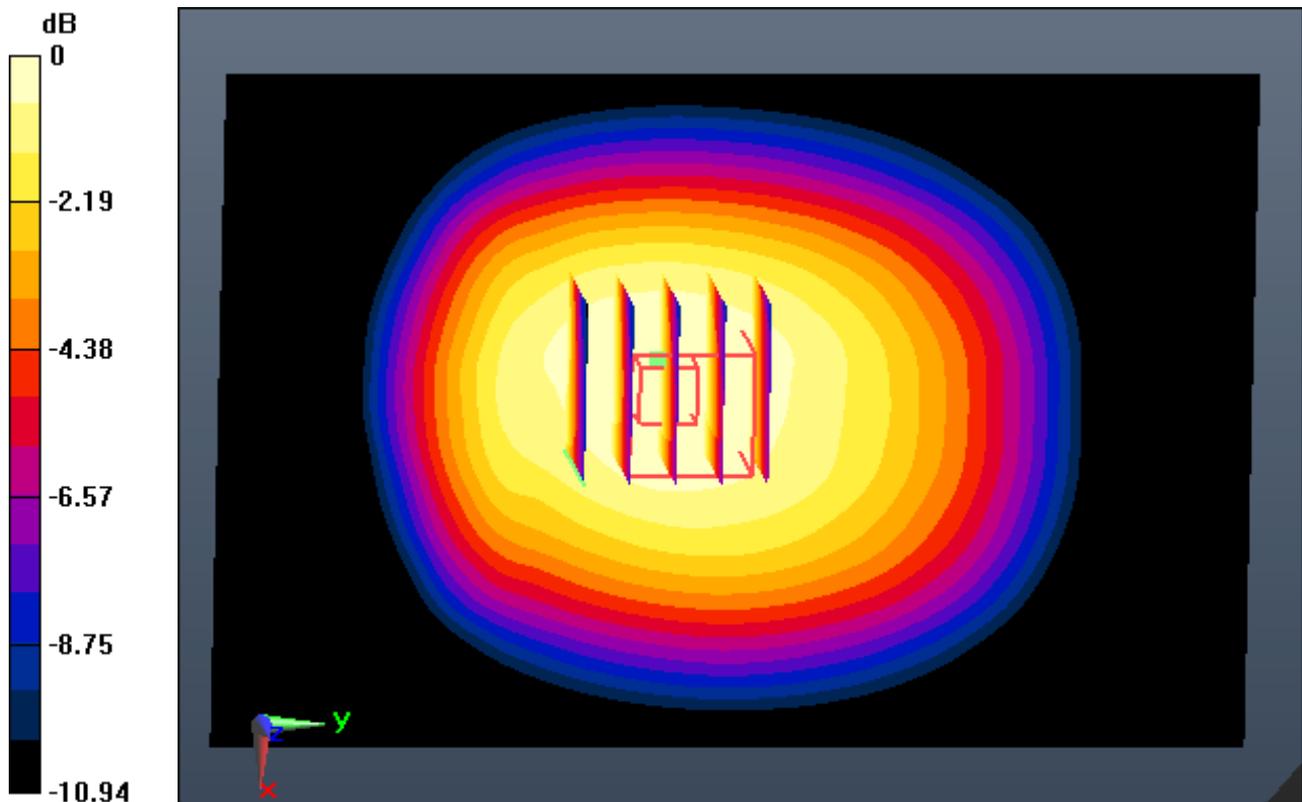
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.997 mW/g

SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.565 W/kg



0 dB = 0.887 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 824.2 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 53.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 3 Tx Ch. 128, Ant Internal**

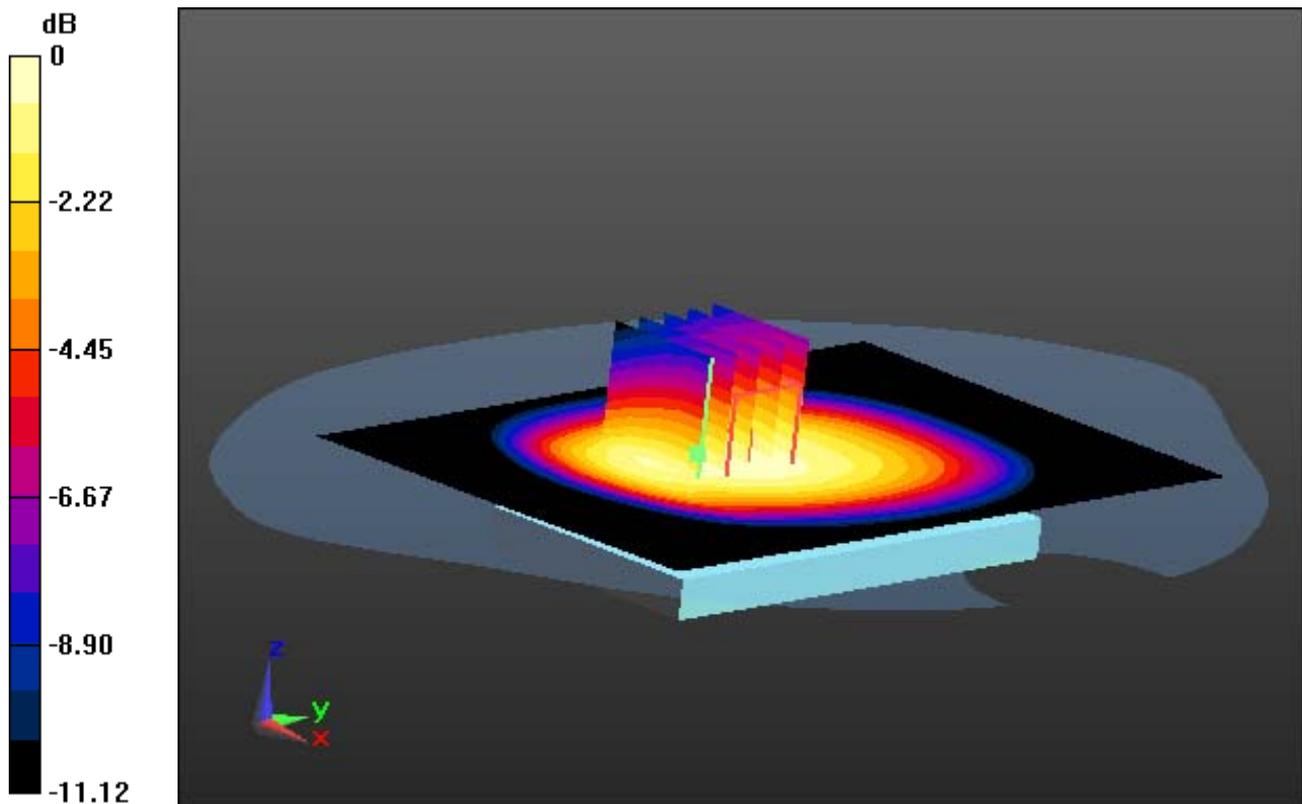
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.051 mW/g

**SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.595 W/kg**



0 dB = 0.934 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 824.2 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 53.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 3 Tx Ch. 128, Ant Internal**

**With Enlarge plot image**

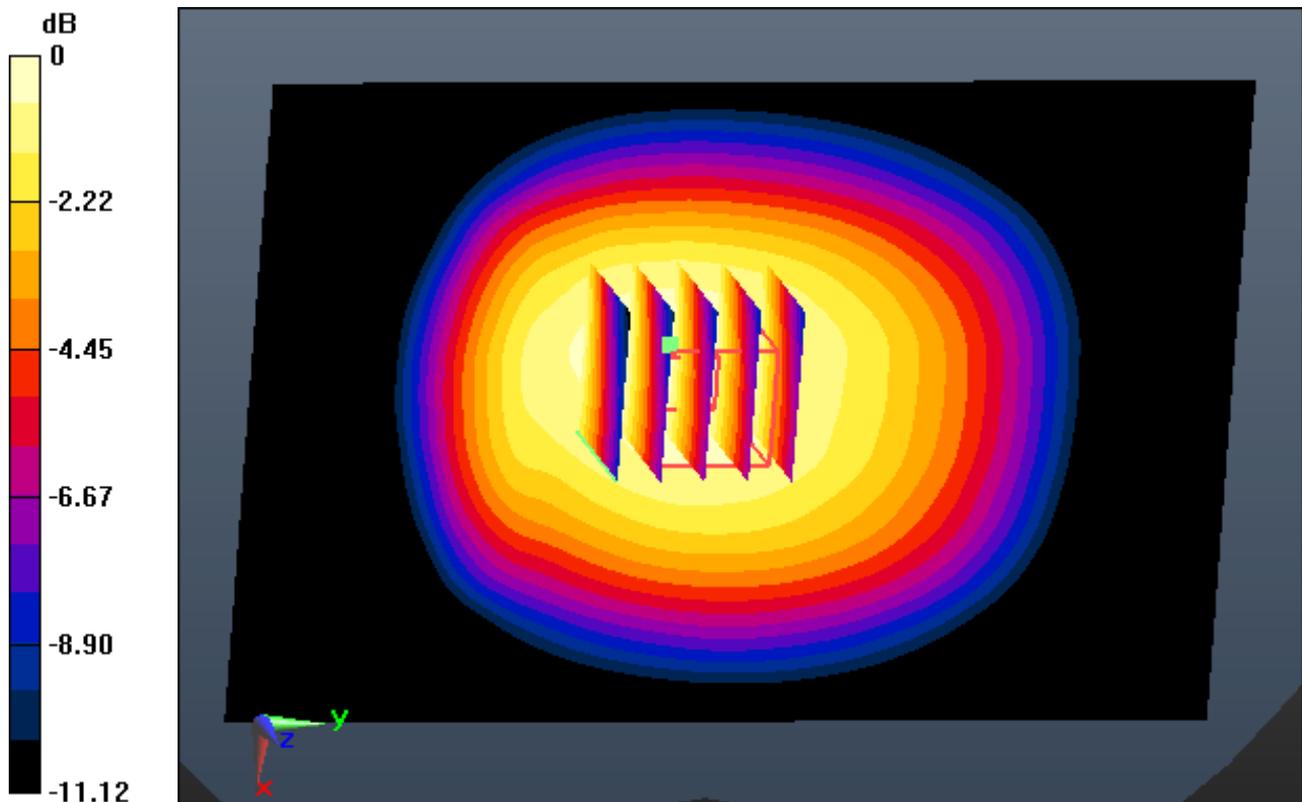
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.051 mW/g

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.595 W/kg



0 dB = 0.934 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 3 Tx Ch. 190, Ant Internal**

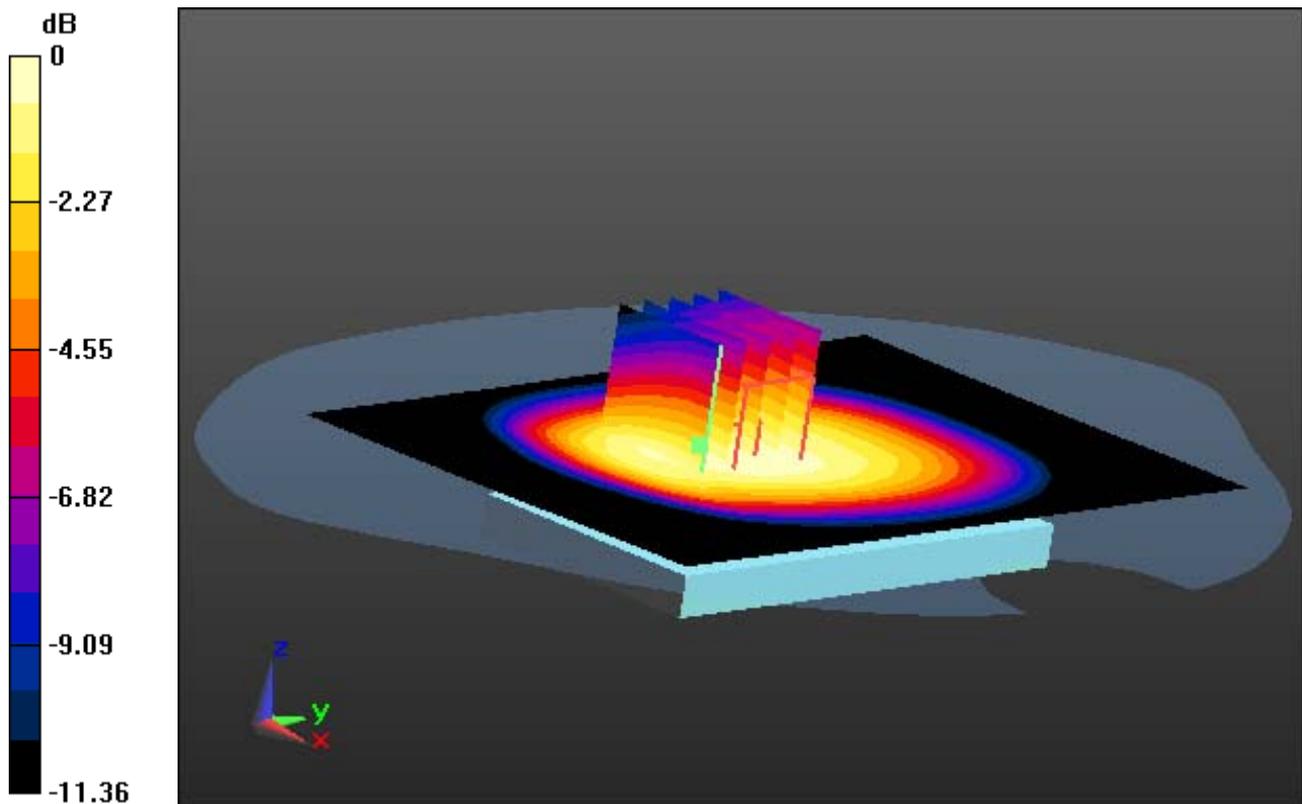
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.106 mW/g

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.626 W/kg



0 dB = 0.981 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 3 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

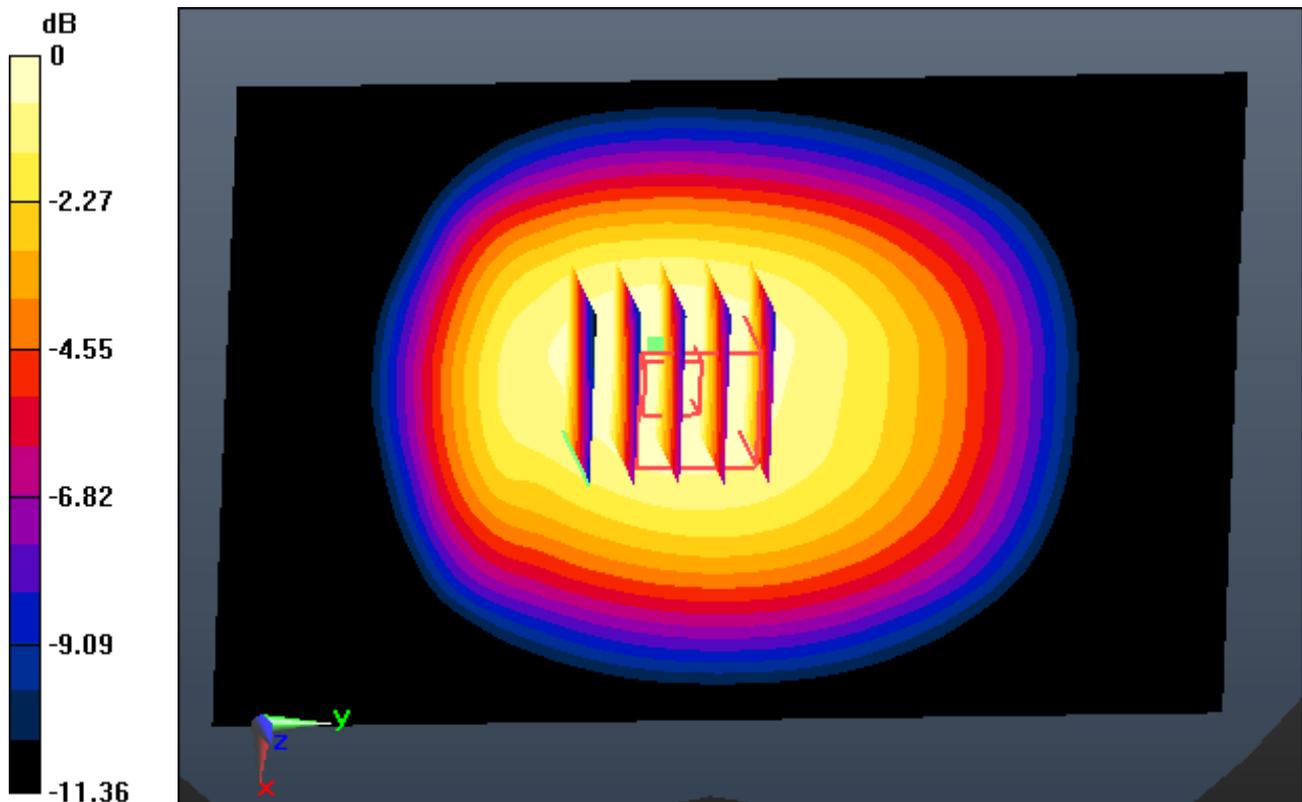
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.106 mW/g

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.626 W/kg



0 dB = 0.981 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 848.8 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 3 Tx Ch. 251, Ant Internal**

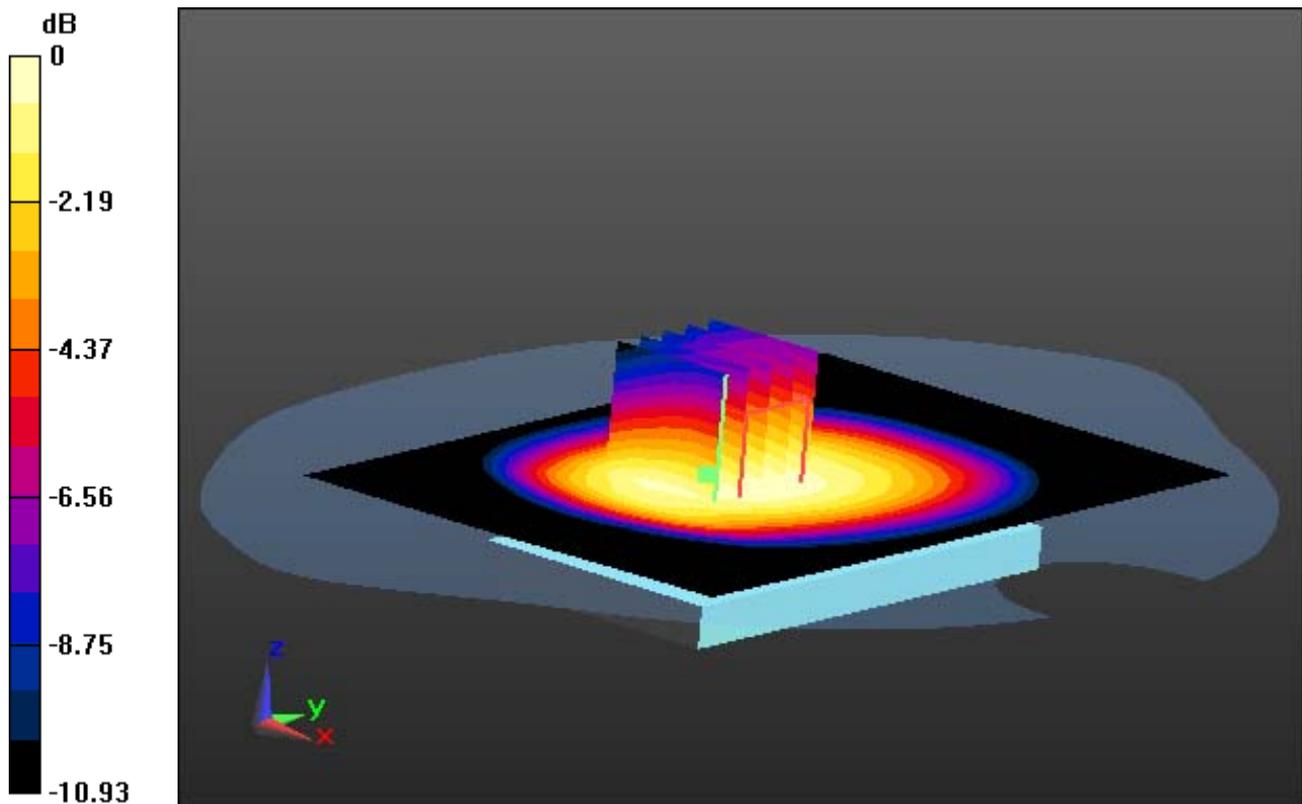
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.131 mW/g

**SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.644 W/kg**



0 dB = 1.00 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_11; Frequency: 848.8 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 3 Tx Ch. 251, Ant Internal**

**With Enlarge plot image**

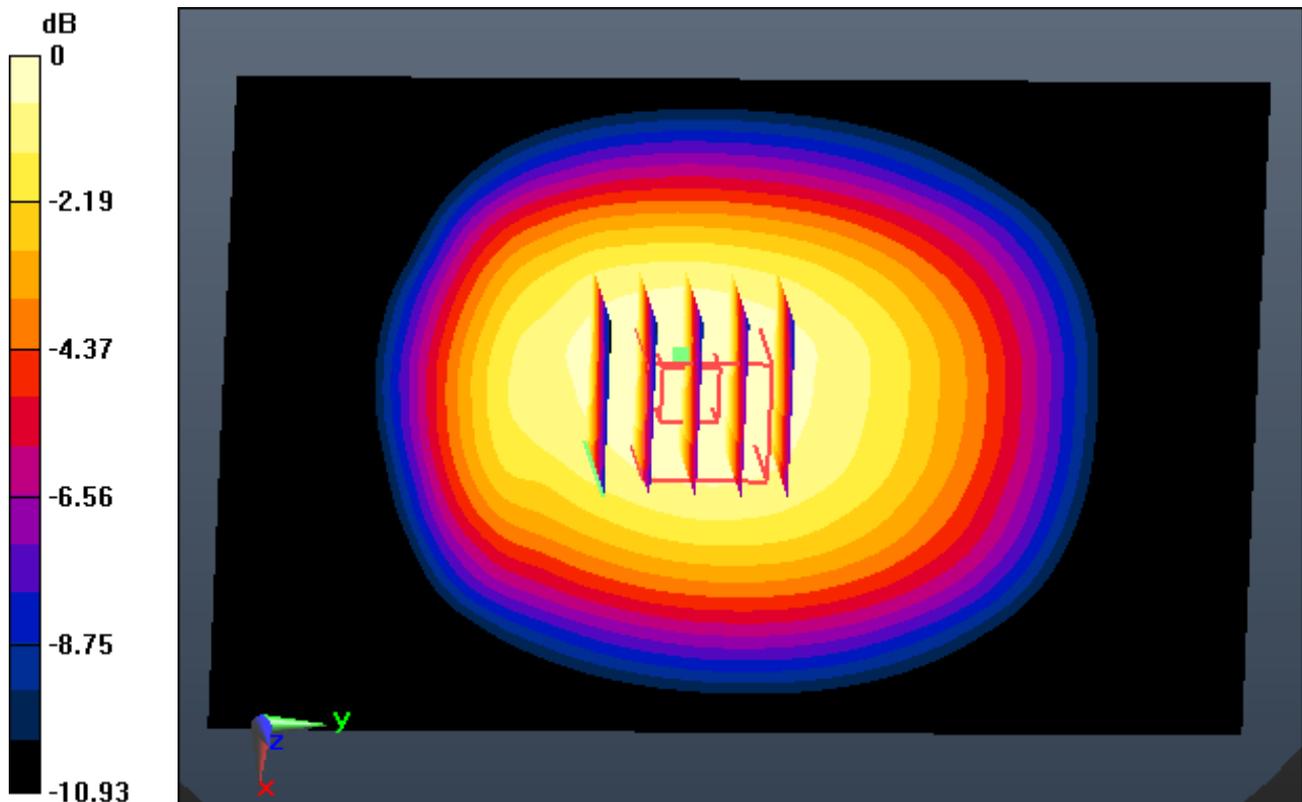
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.131 mW/g

SAR(1 g) = 0.865 W/kg; SAR(10 g) = 0.644 W/kg



0 dB = 1.00 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 824.2 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 53.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 128, Ant Internal**

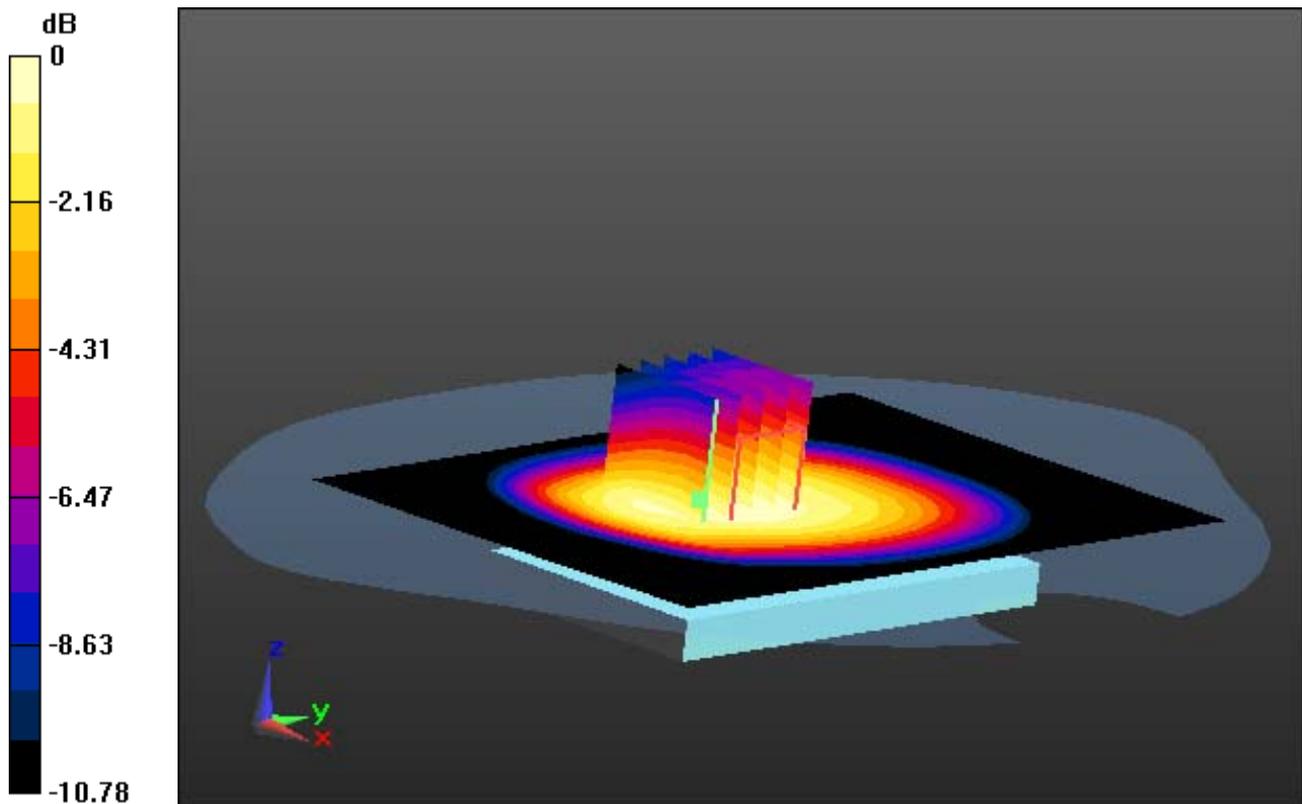
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.256 mW/g

**SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.712 W/kg**



0 dB = 1.12 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 824.2 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 53.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 128, Ant Internal**

**With Enlarge plot image**

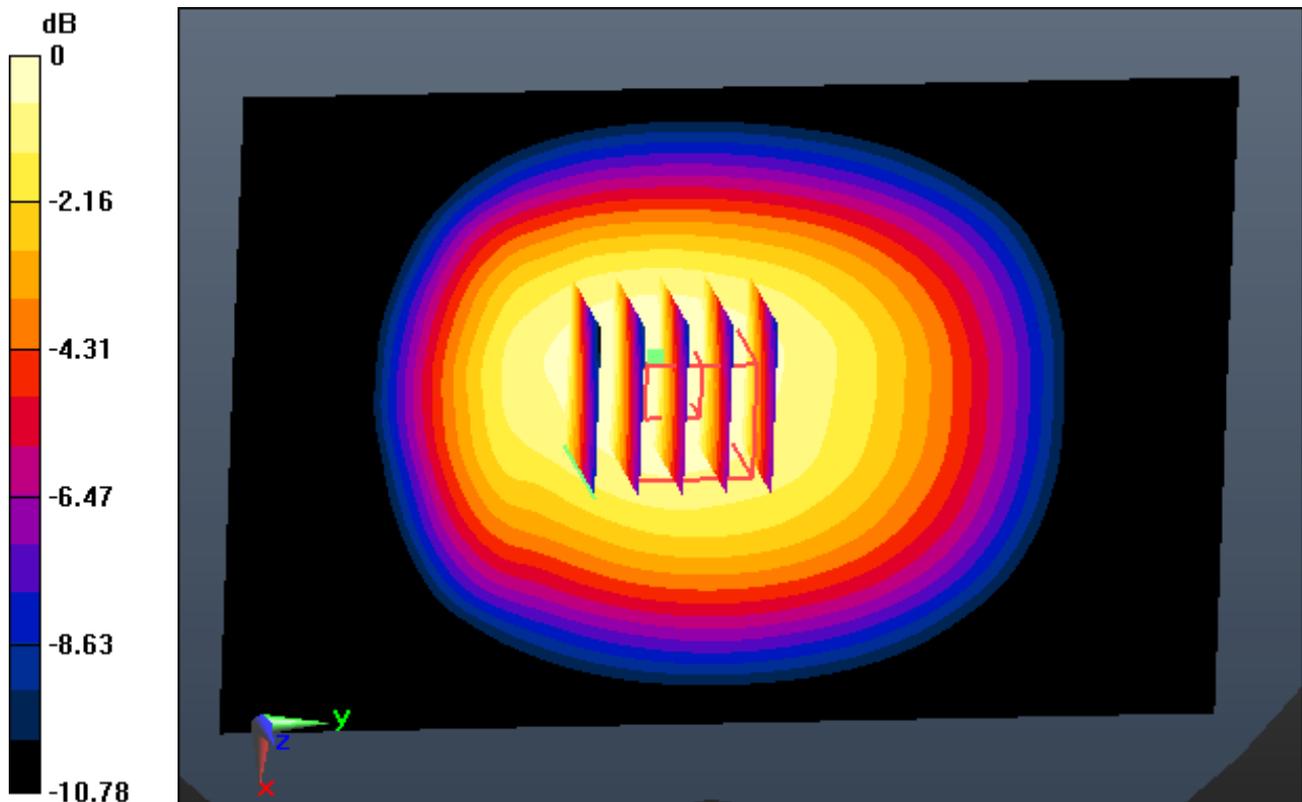
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.256 mW/g

SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.712 W/kg



0 dB = 1.12 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

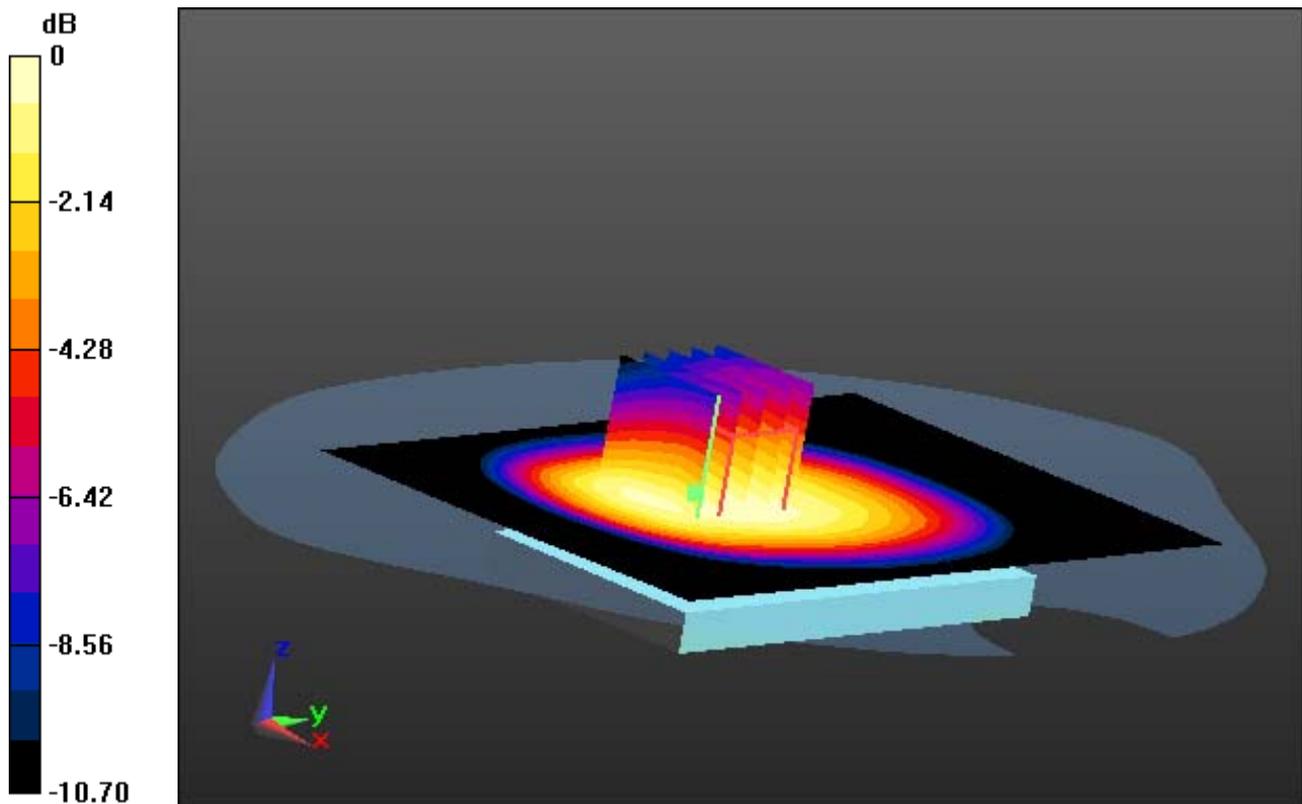
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.181 mW/g

**SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.679 W/kg**



0 dB = 1.05 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

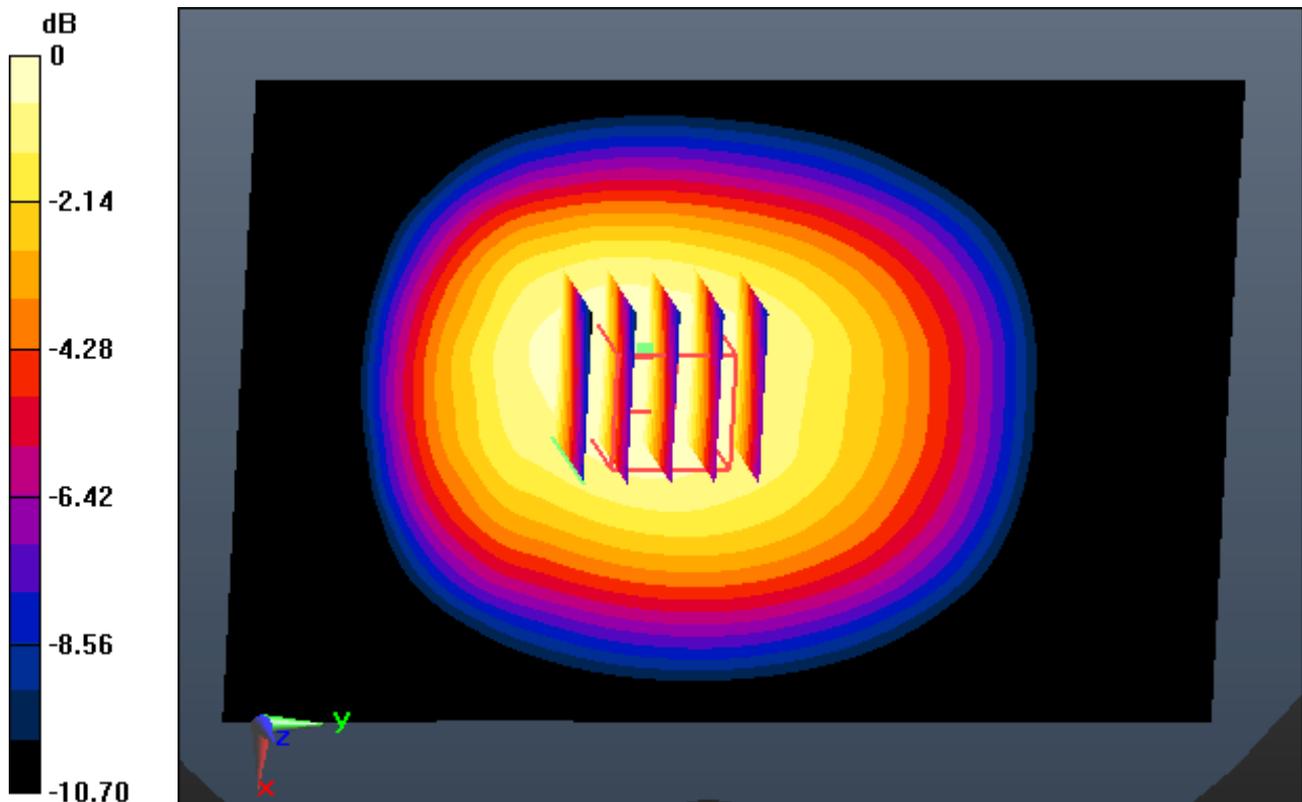
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.181 mW/g

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.679 W/kg



0 dB = 1.05 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 848.8 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 251, Ant Internal**

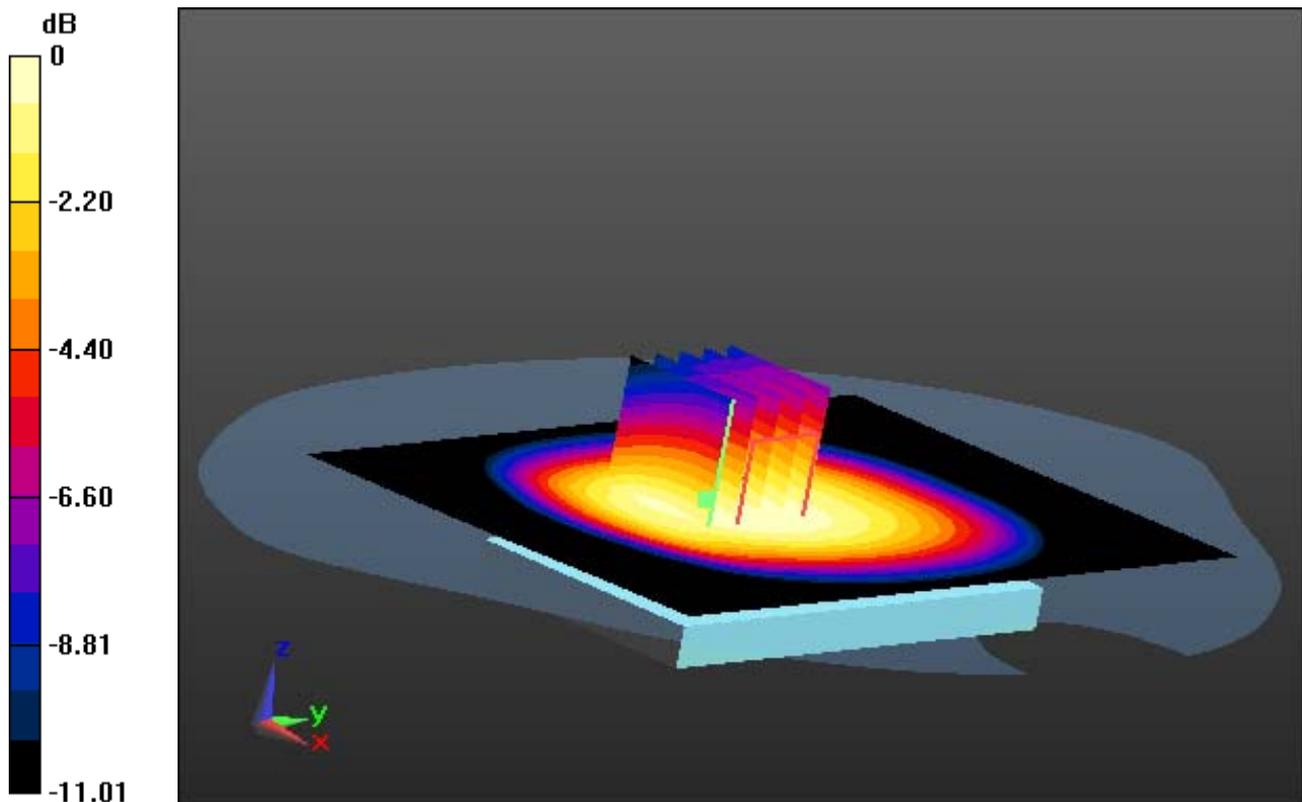
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.323 mW/g

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.764 W/kg**



0 dB = 1.18 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 848.8 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

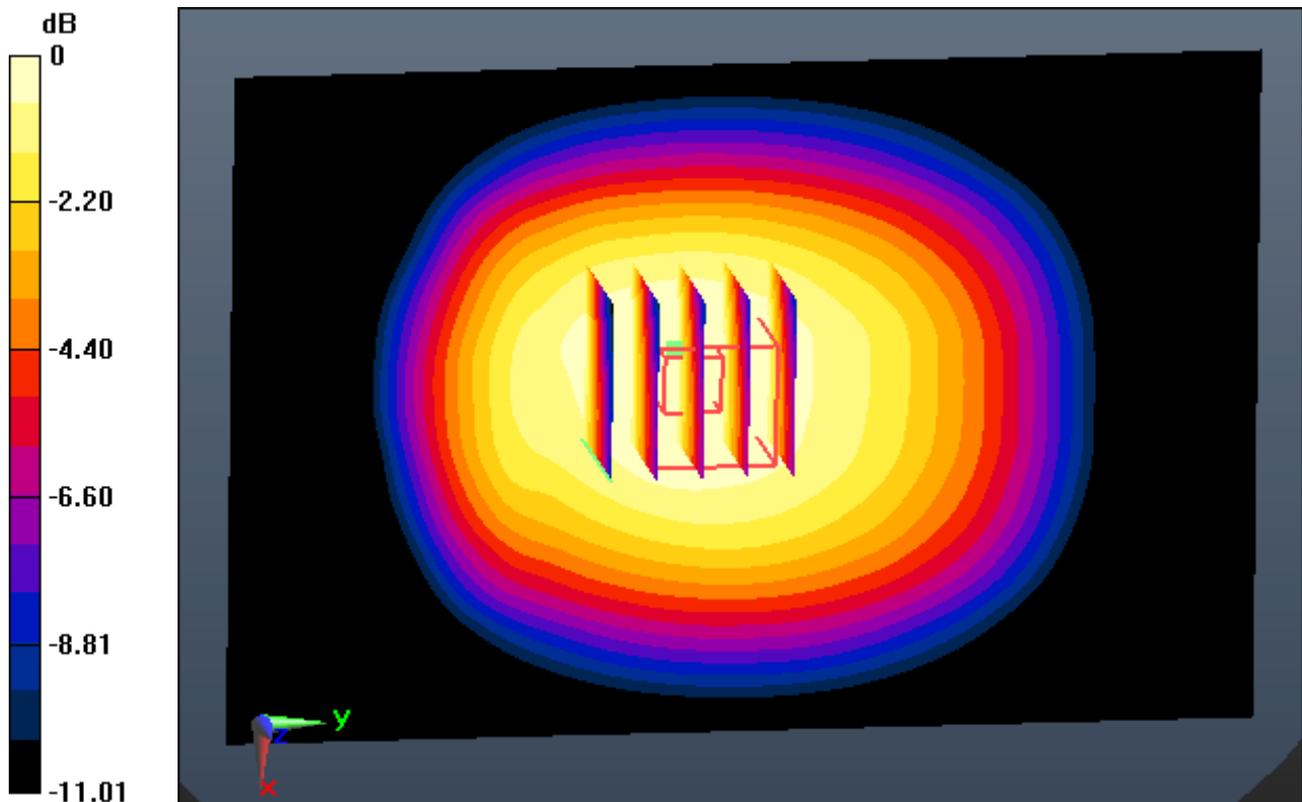
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.323 mW/g

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.764 W/kg**



0 dB = 1.18 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Right, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

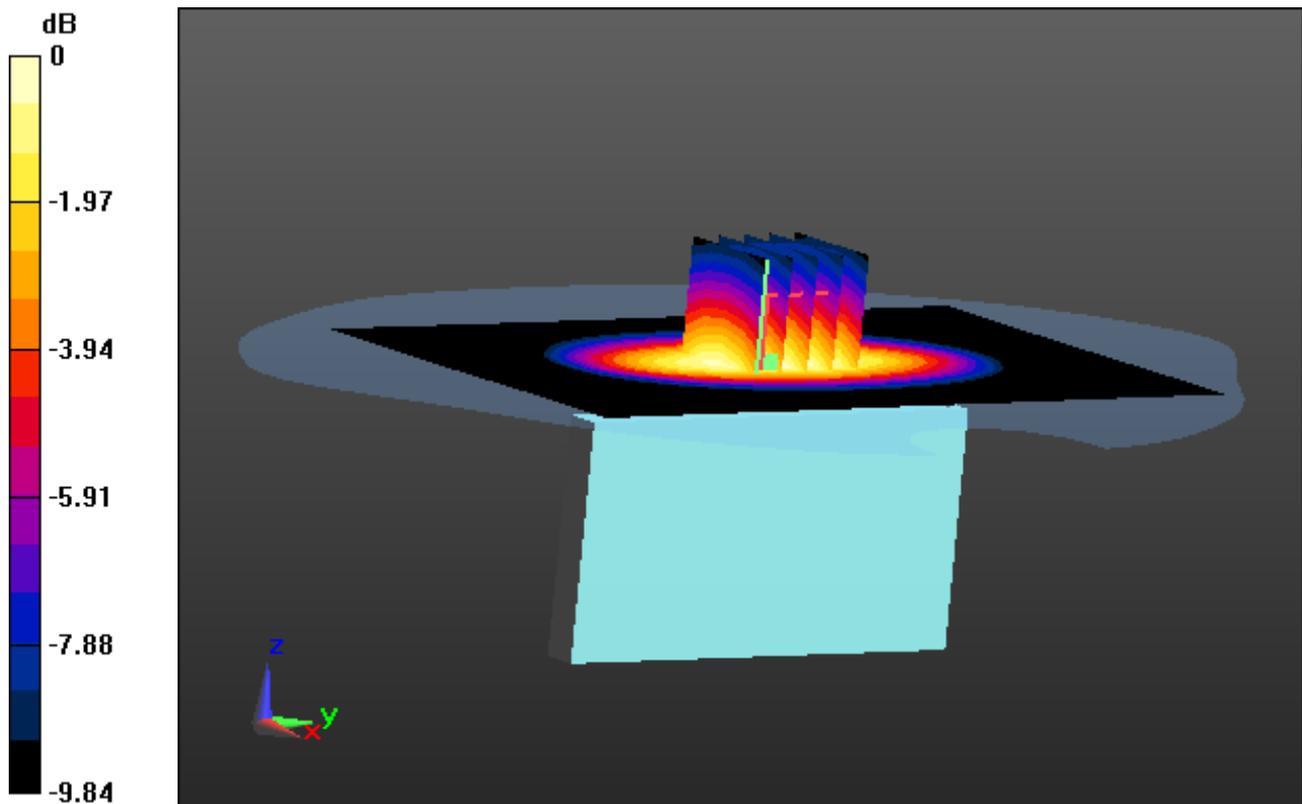
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.060 mW/g

**SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.510 W/kg**



0 dB = 0.918 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Right, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

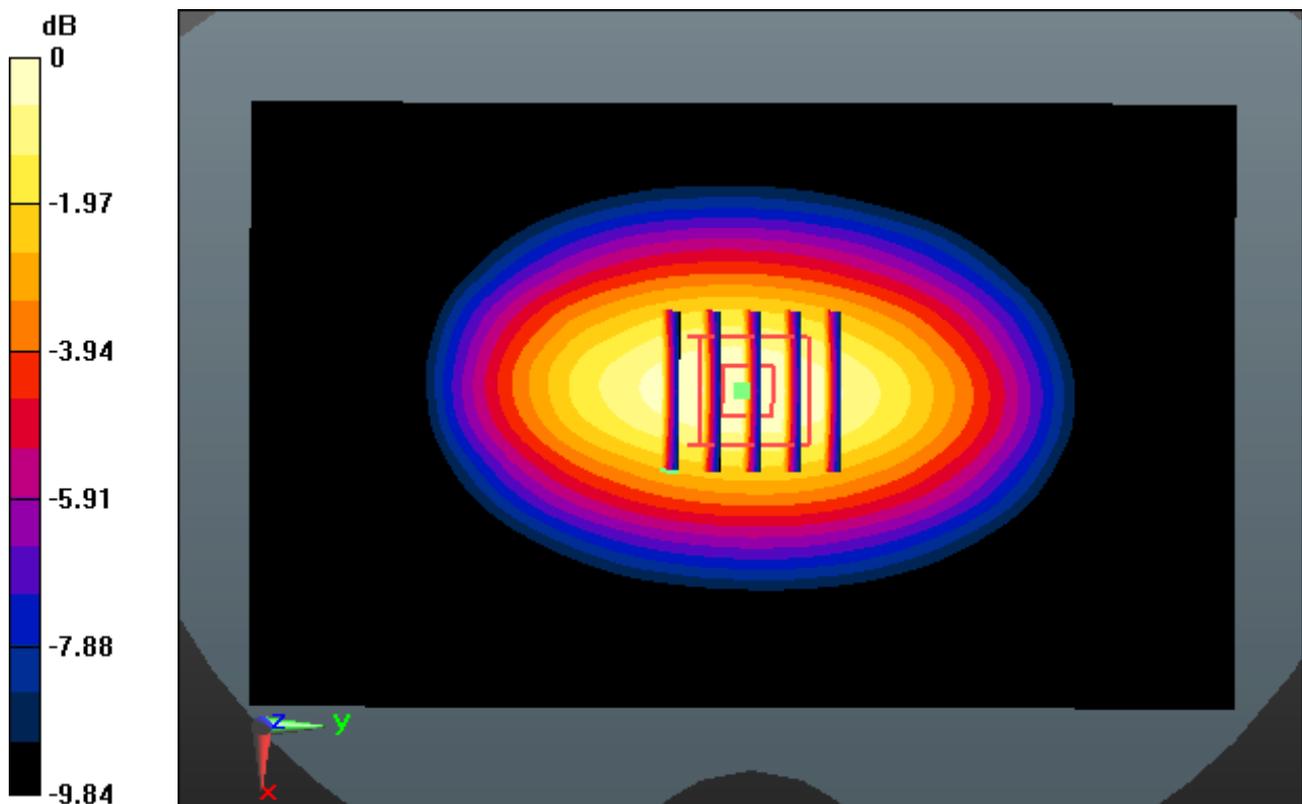
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.060 mW/g

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.510 W/kg



0 dB = 0.918 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Left, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

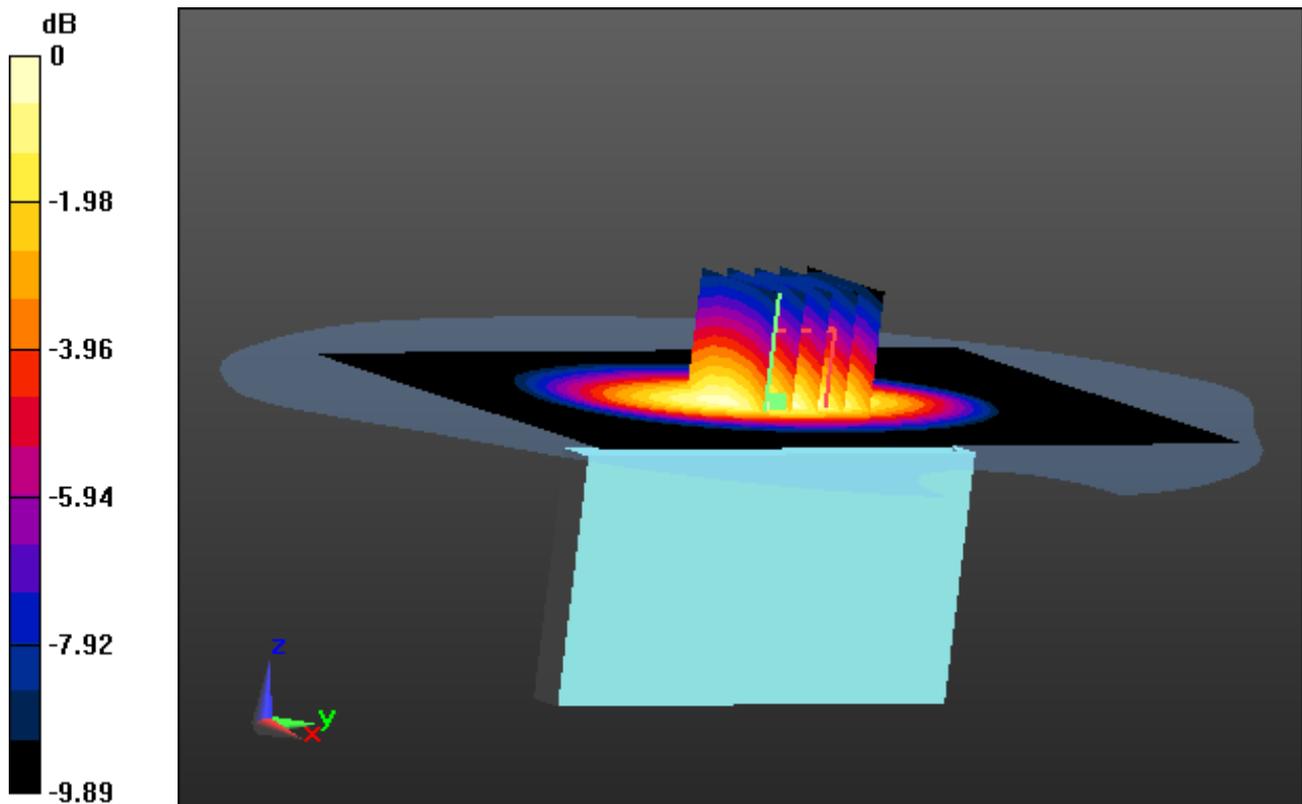
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.127 mW/g

**SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.551 W/kg**



0 dB = 0.975 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.951$  mho/m;  $\epsilon_r = 53.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Left, GSM850 GPSR 4 Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

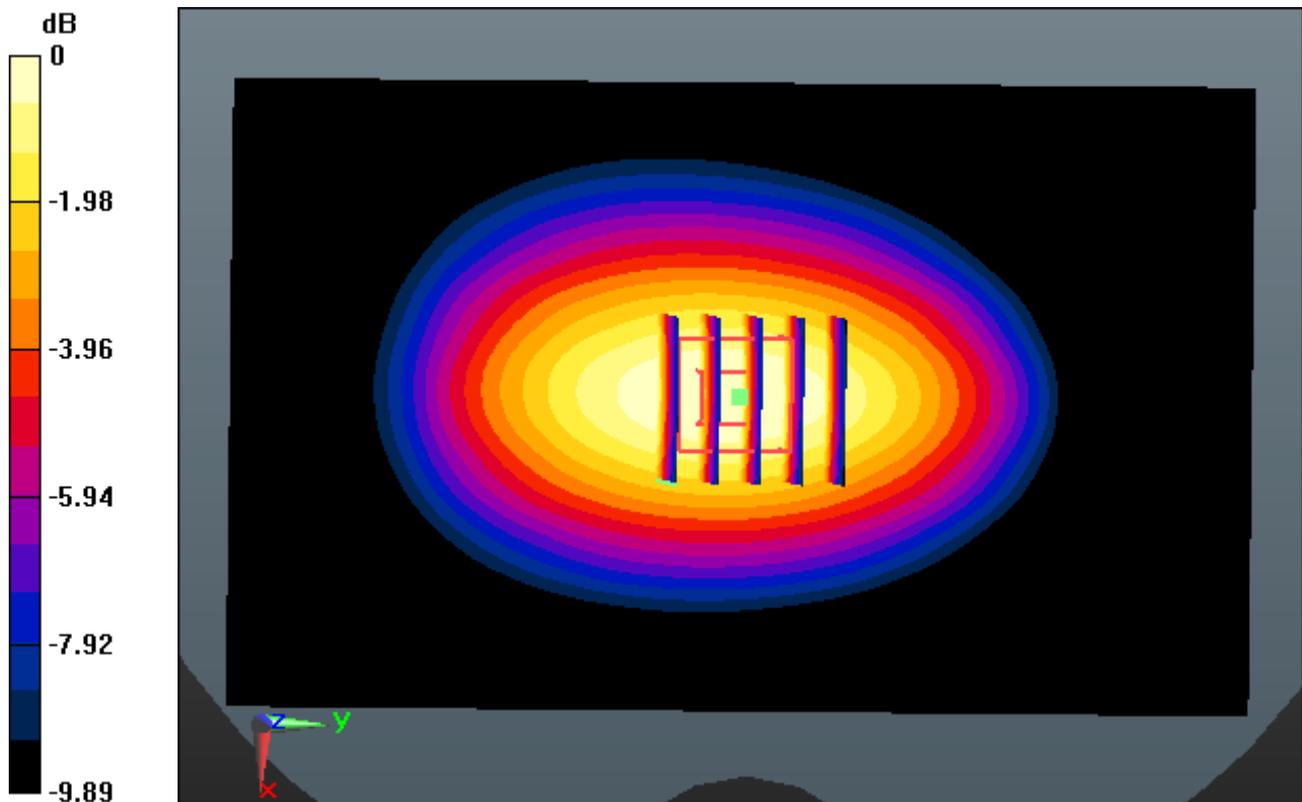
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.127 mW/g

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.551 W/kg



0 dB = 0.975 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 848.8 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 251, Ant Internal**

## **SAR Variability Result**

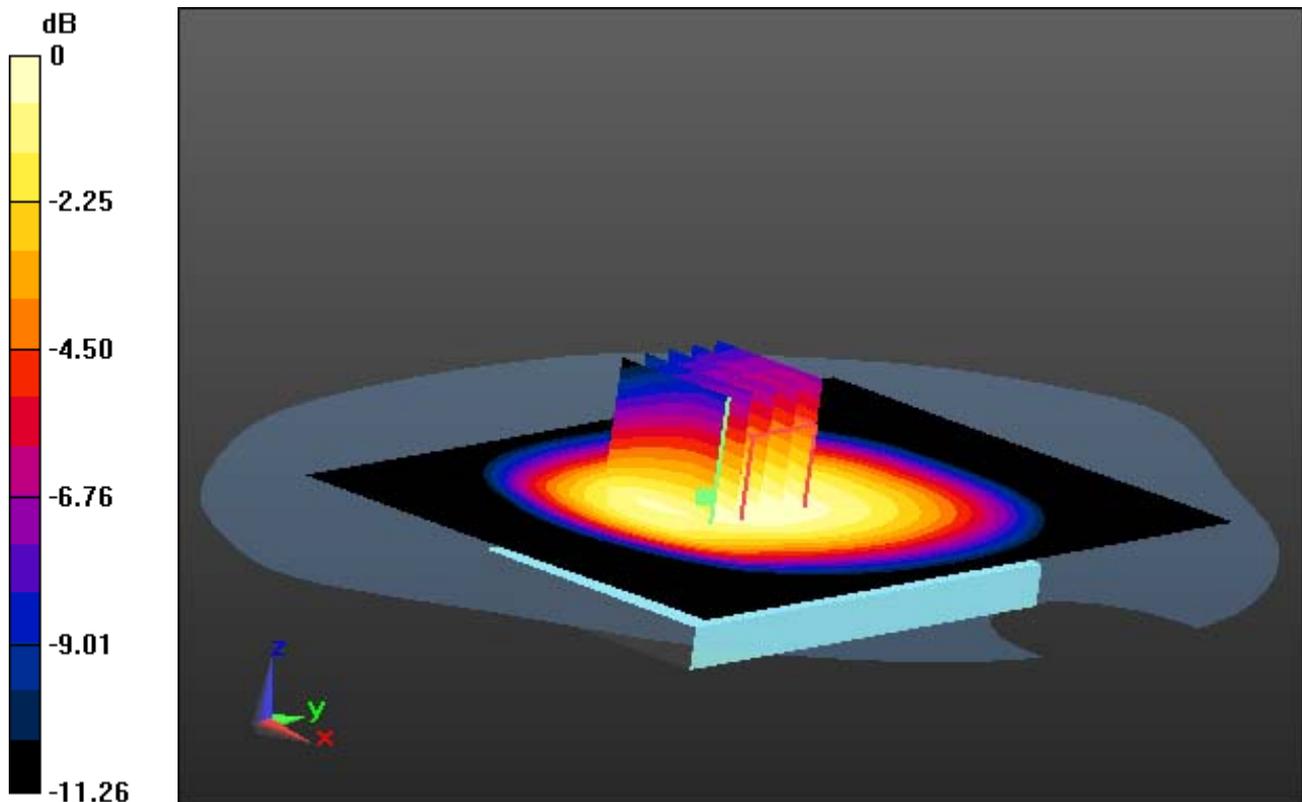
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.314 mW/g

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.753 W/kg**



0 dB = 1.17 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 848.8 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 251, Ant Internal**

## **SAR Variability Result, With Enlarge plot image**

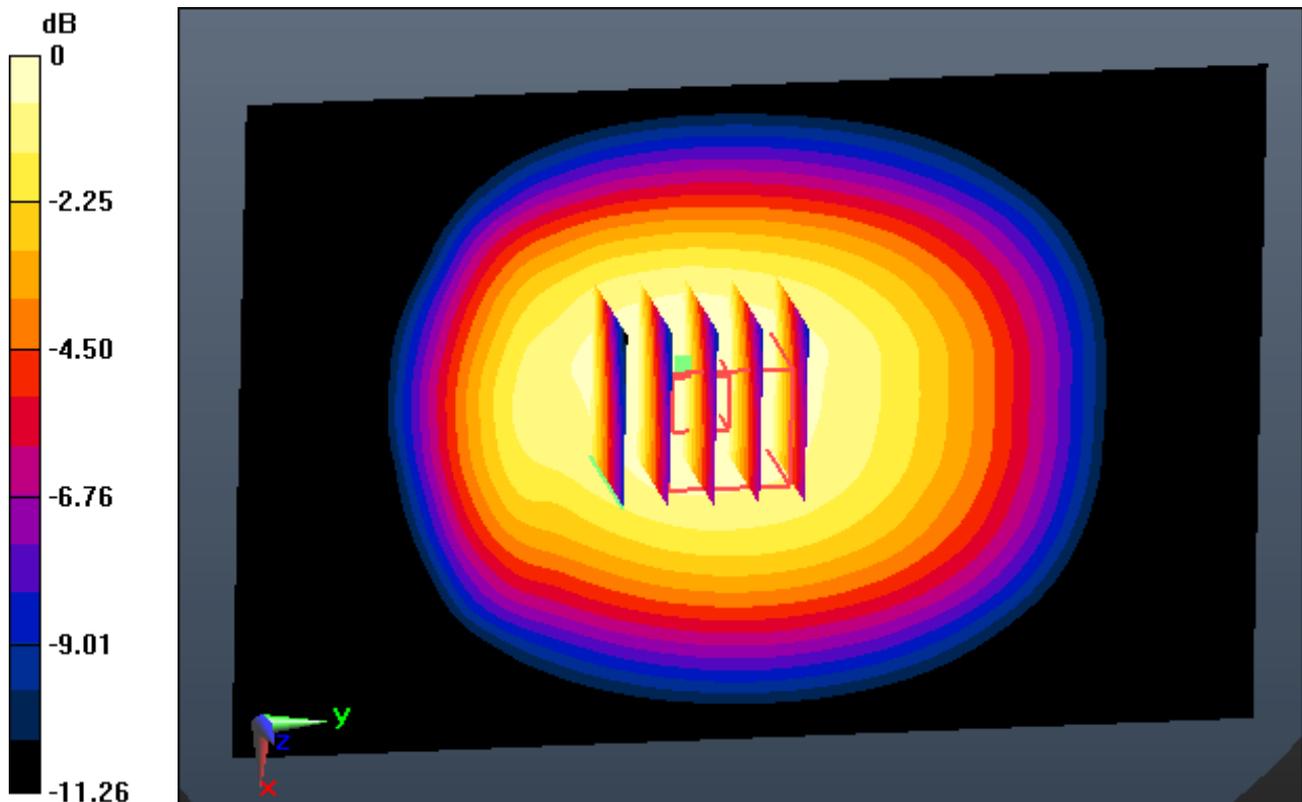
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.314 mW/g

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.753 W/kg**



0 dB = 1.17 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: GSM 850\_12; Frequency: 848.8 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.961$  mho/m;  $\epsilon_r = 53.325$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.03, 9.03, 9.03); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-04; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, GSM850 GPSR 4 Tx Ch. 251, Ant Internal**

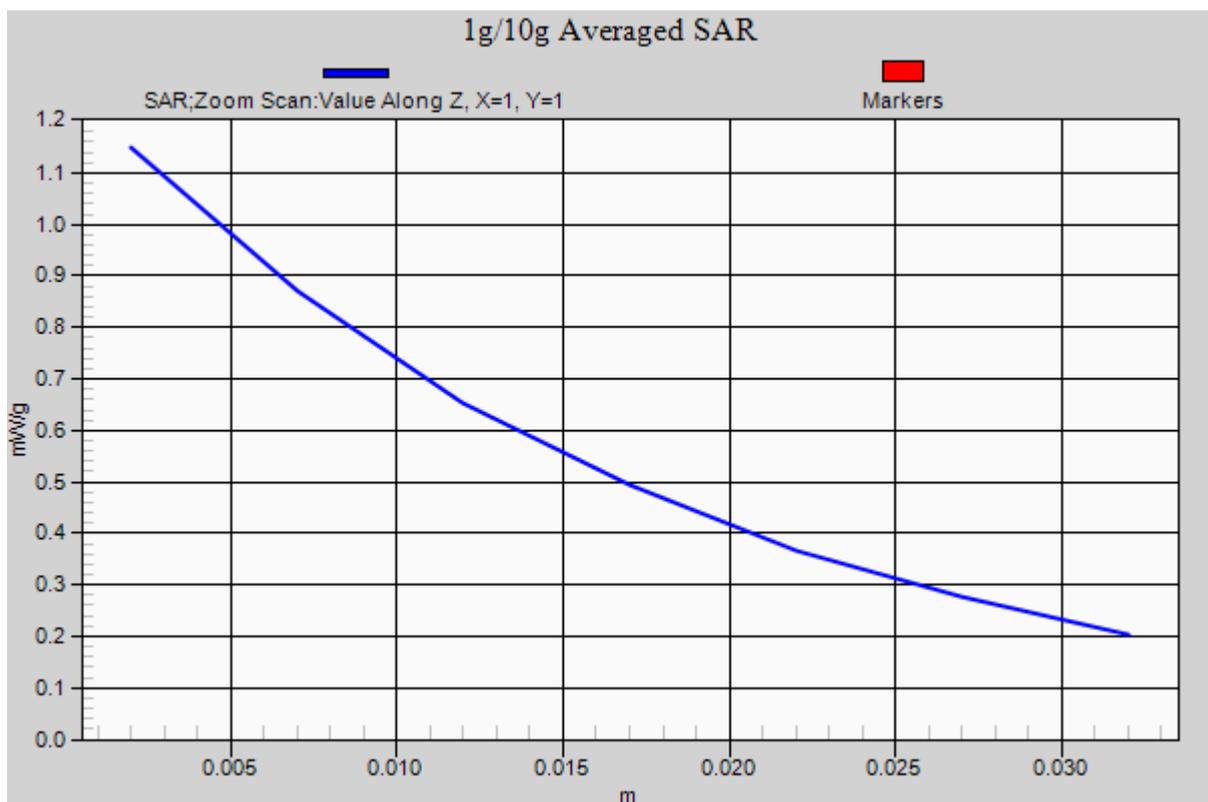
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.323 mW/g

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.764 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Bottom, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

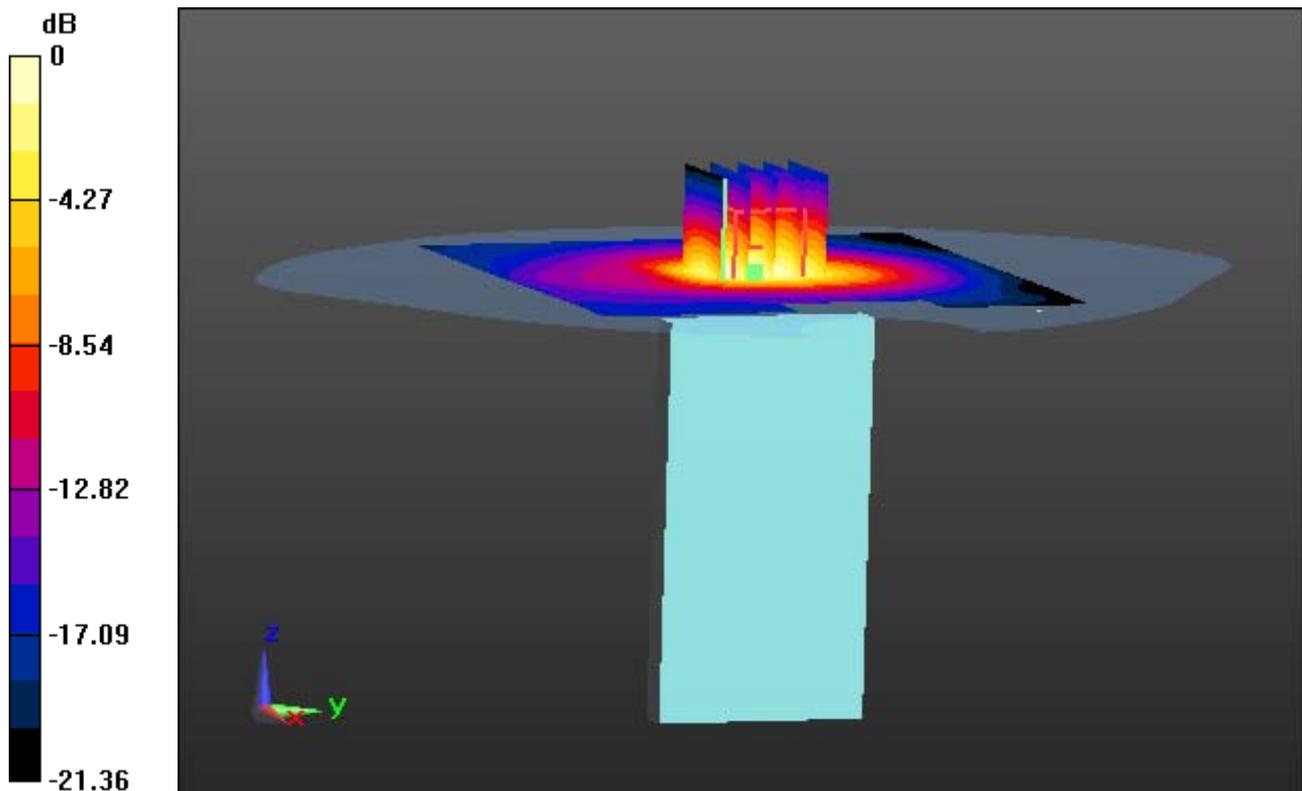
**Area Scan (101x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.197 mW/g

**SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.342 W/kg**



0 dB = 0.912 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Bottom, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

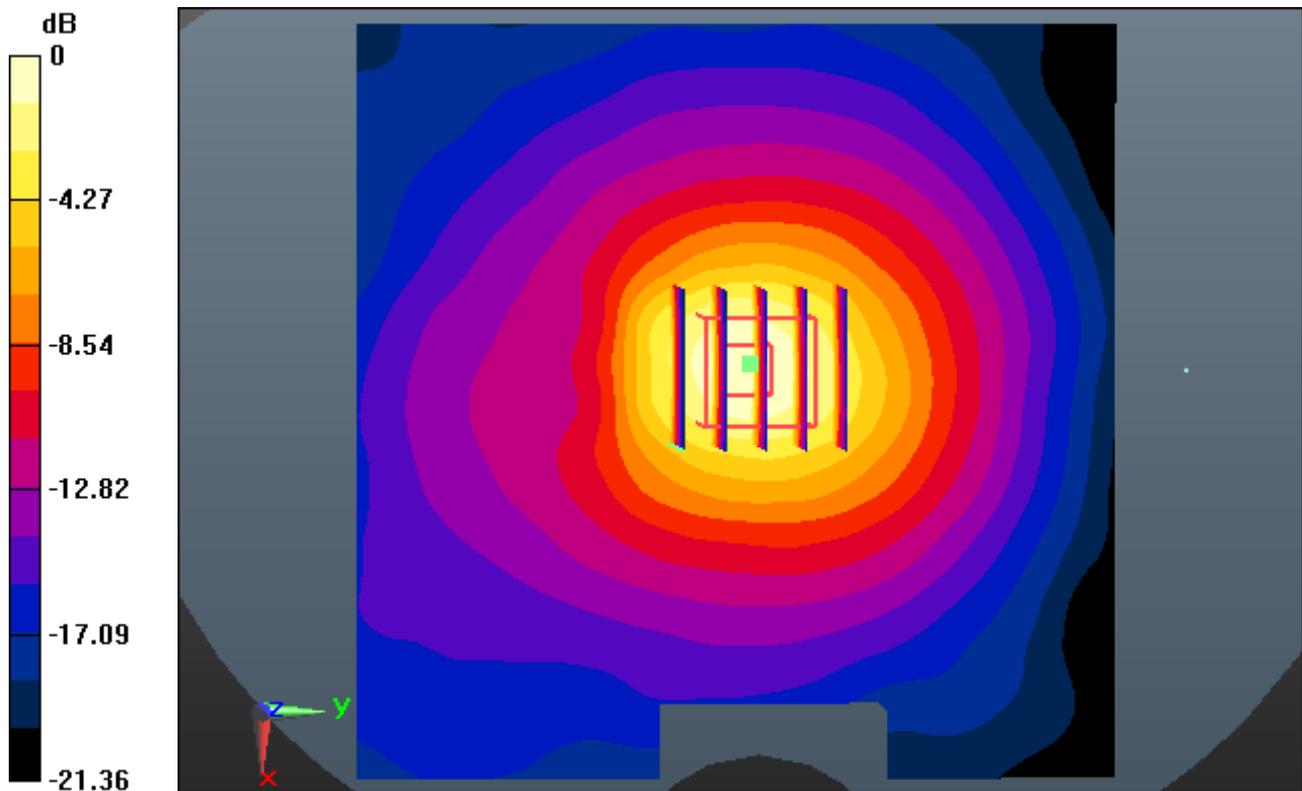
**Area Scan (101x101x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.197 mW/g

**SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.342 W/kg**



0 dB = 0.912 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Front, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

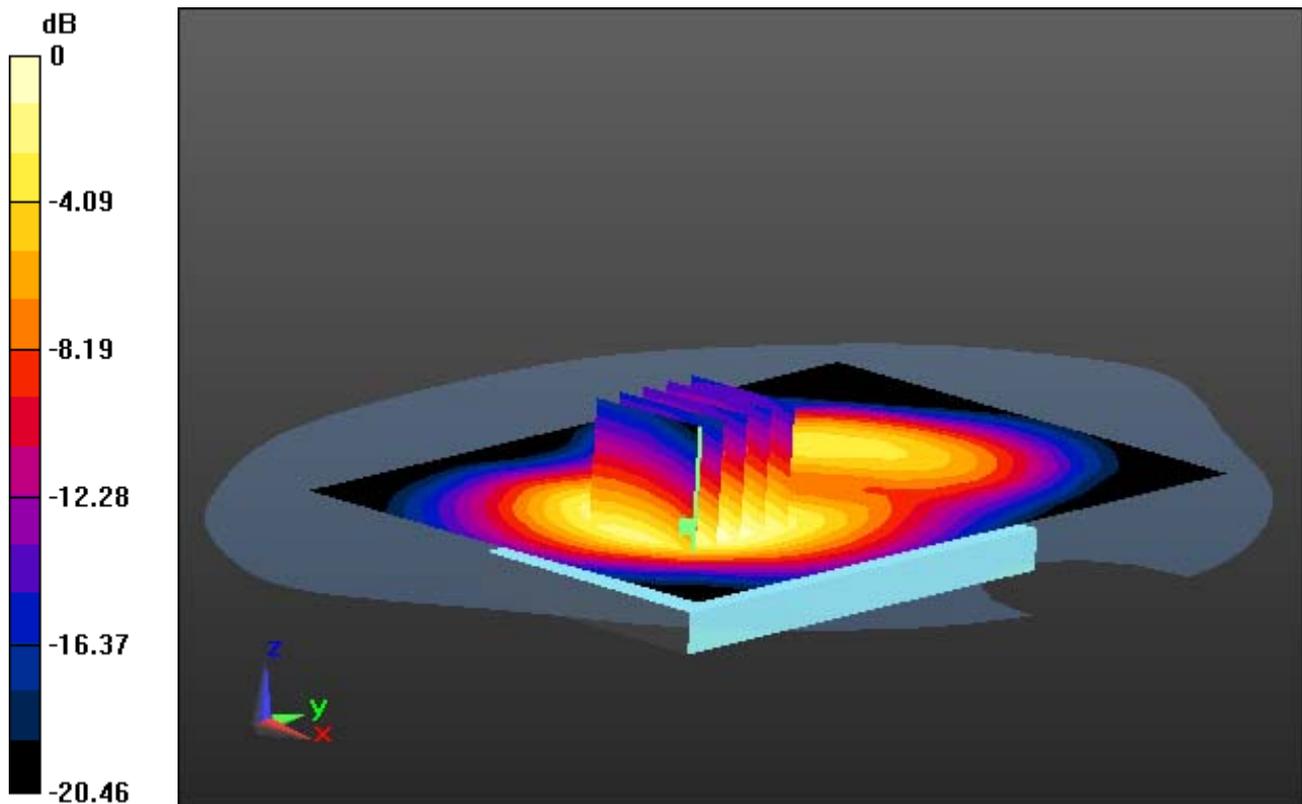
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.301 mW/g

**SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.442 W/kg**



0 dB = 1.03 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Front, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

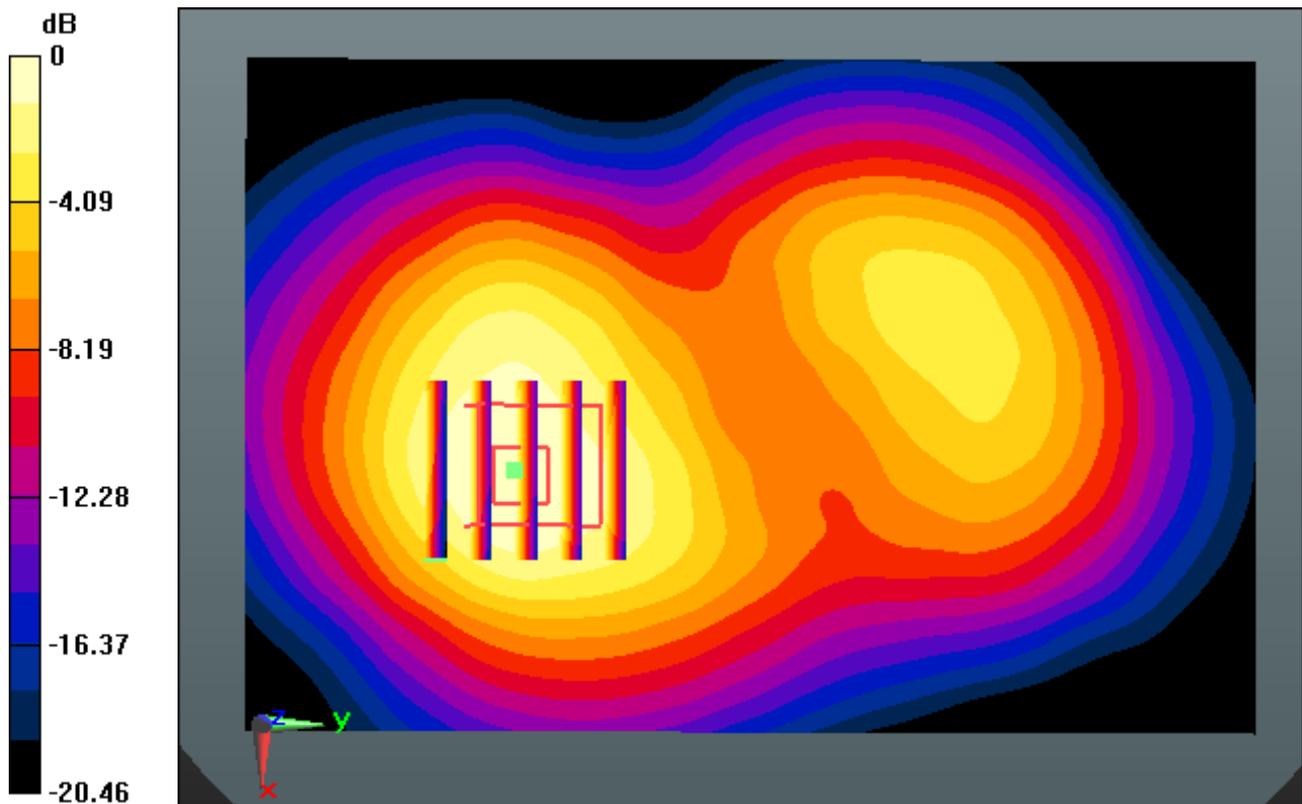
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.301 mW/g

**SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.442 W/kg**



0 dB = 1.03 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal**

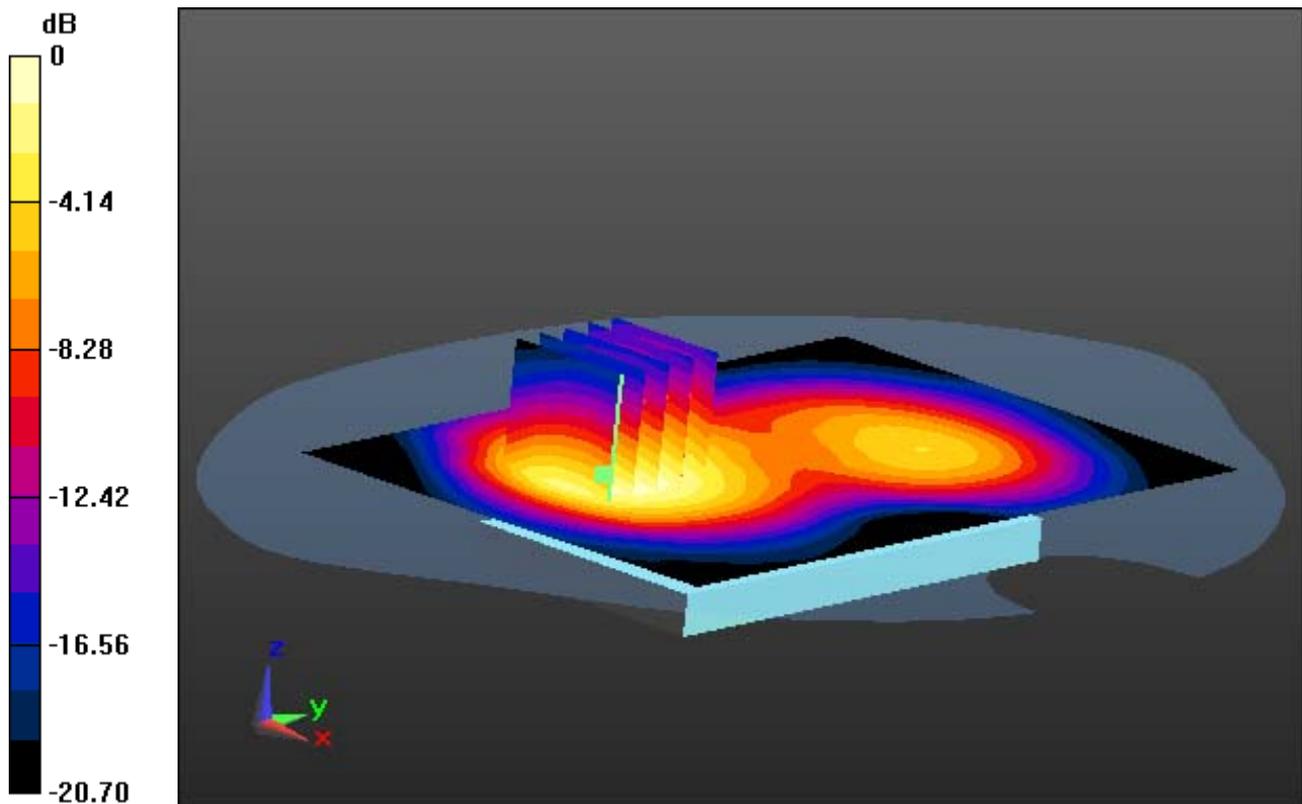
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.322 mW/g

**SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.417 W/kg**



0 dB = 0.987 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal**

**With Enlarge plot image**

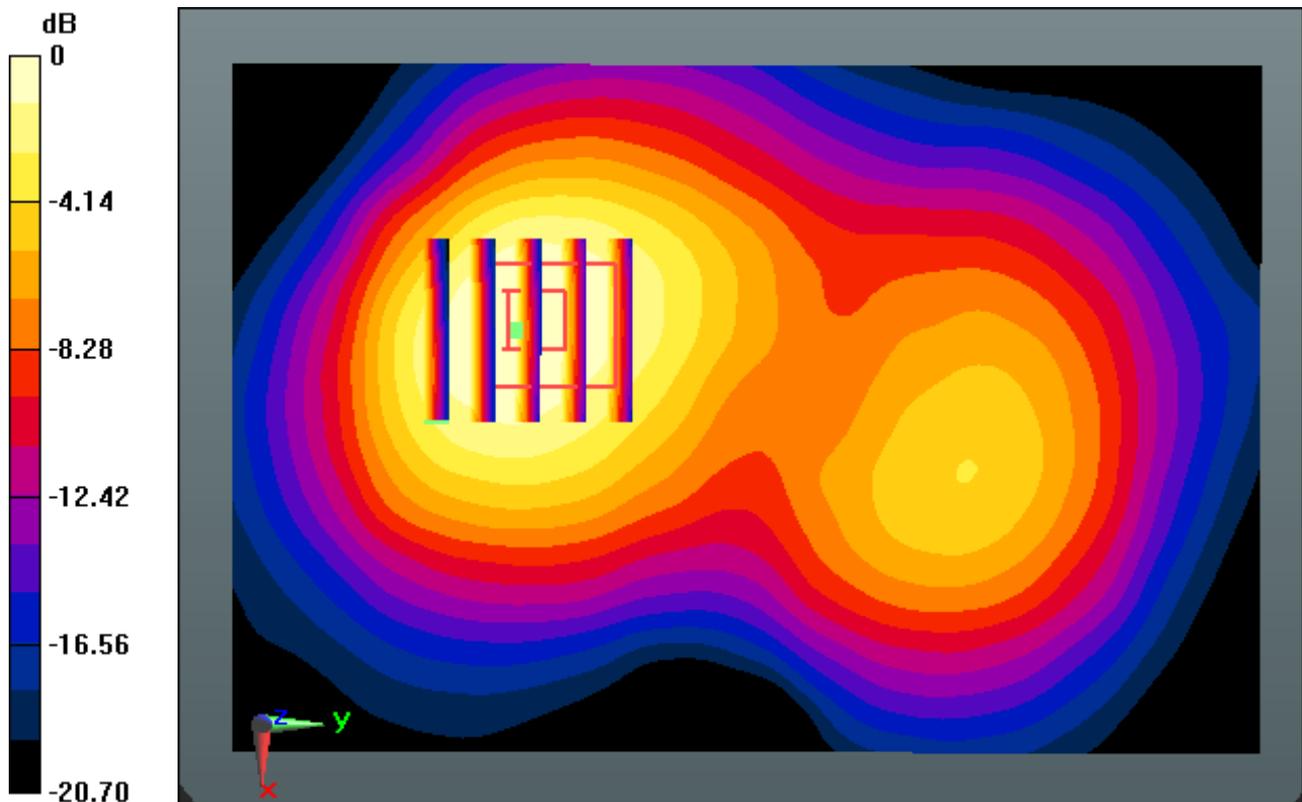
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.322 mW/g

**SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.417 W/kg**



0 dB = 0.987 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal**

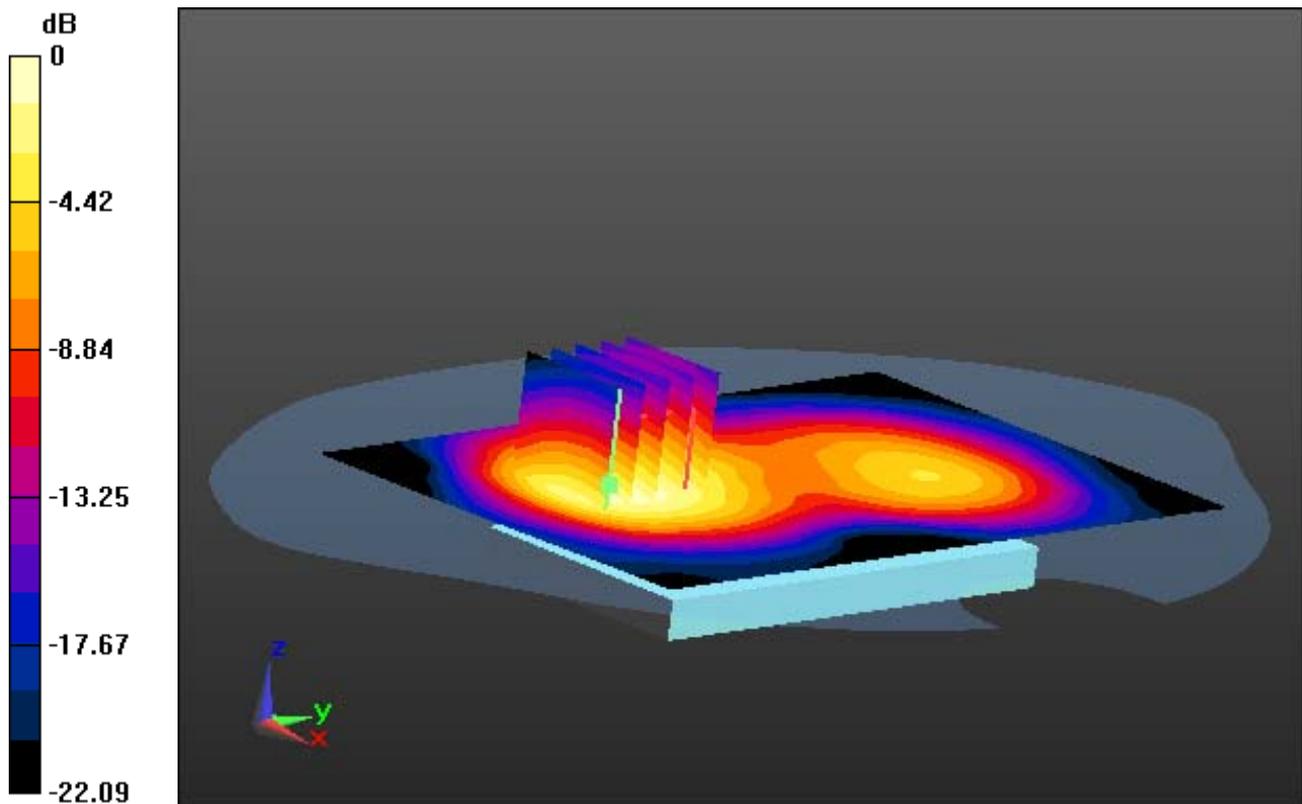
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.330 mW/g

**SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.424 W/kg**



0 dB = 1.01 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 1 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

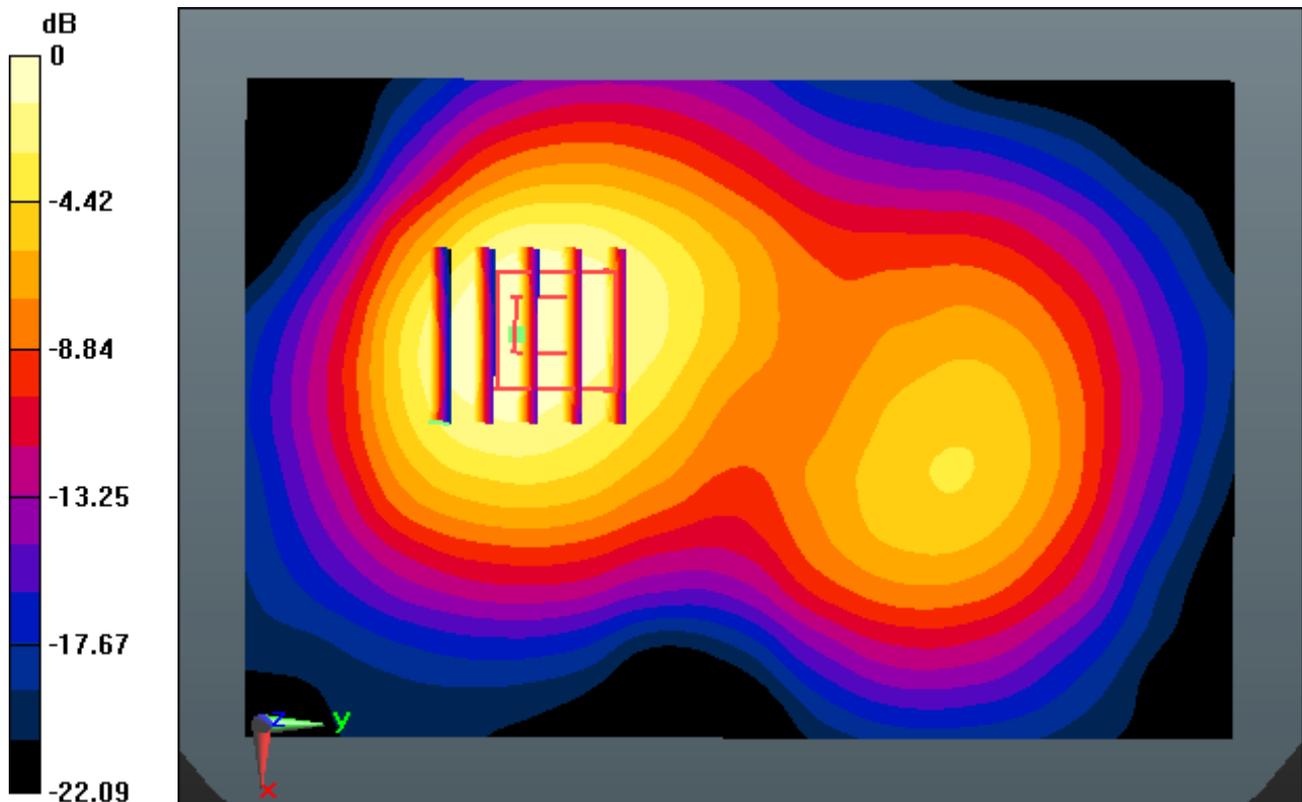
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.330 mW/g

**SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.424 W/kg**



0 dB = 1.01 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal**

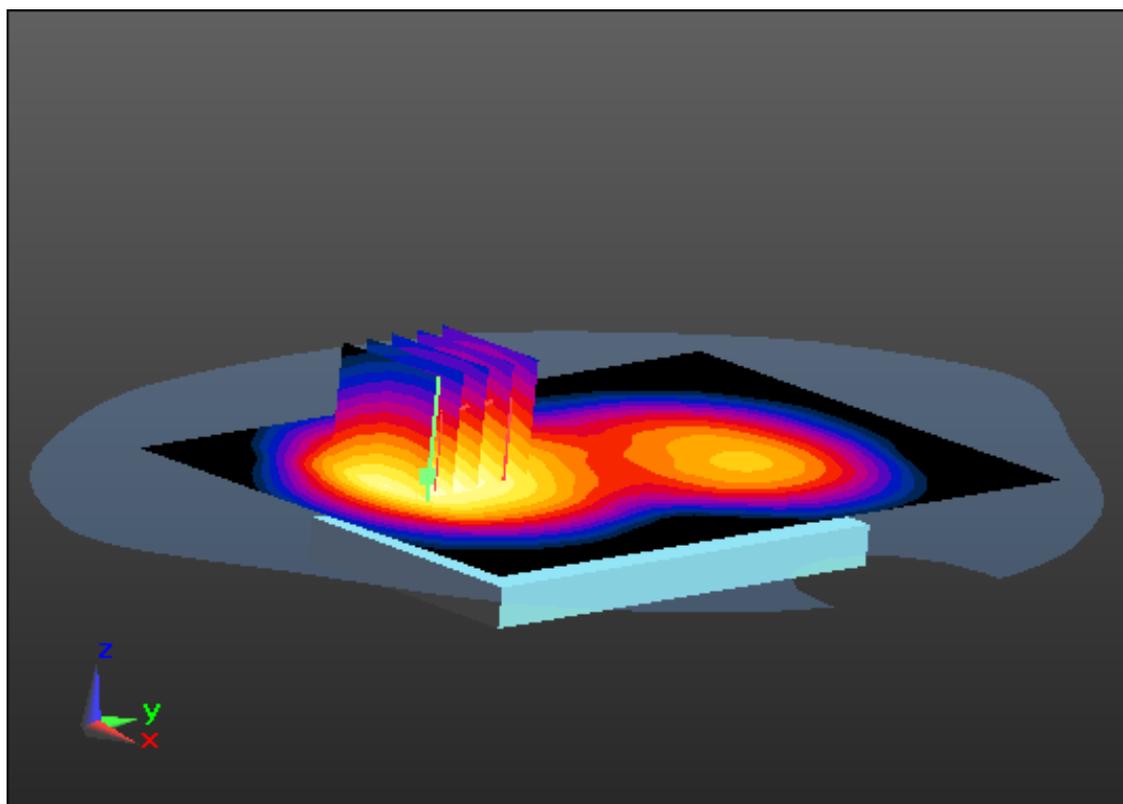
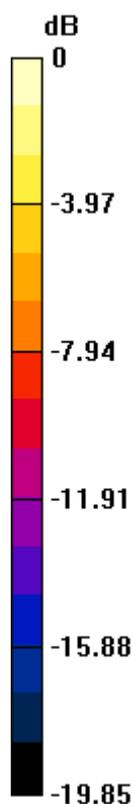
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.810 mW/g

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.586 W/kg**



0 dB = 1.35 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 512, Ant Internal**

**With Enlarge plot image**

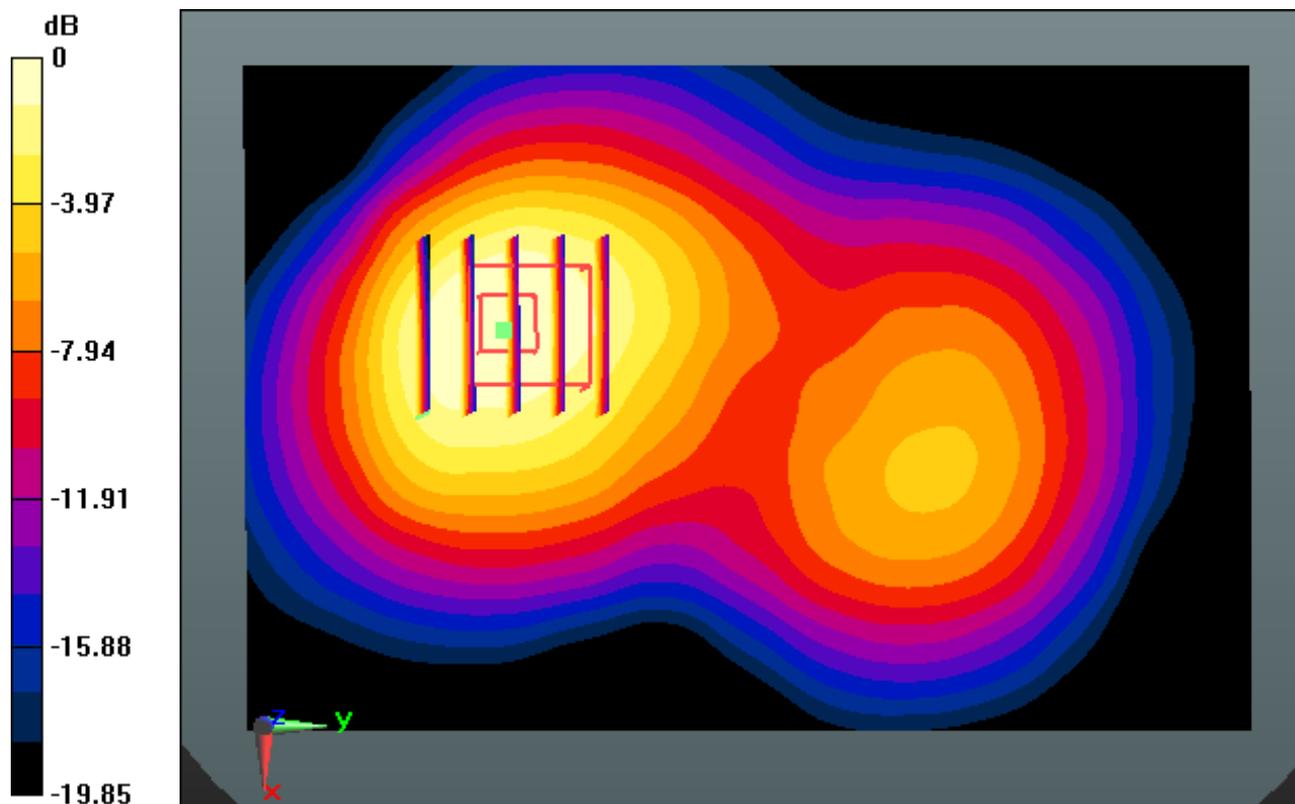
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.810 mW/g

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.586 W/kg**



0 dB = 1.35 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal**

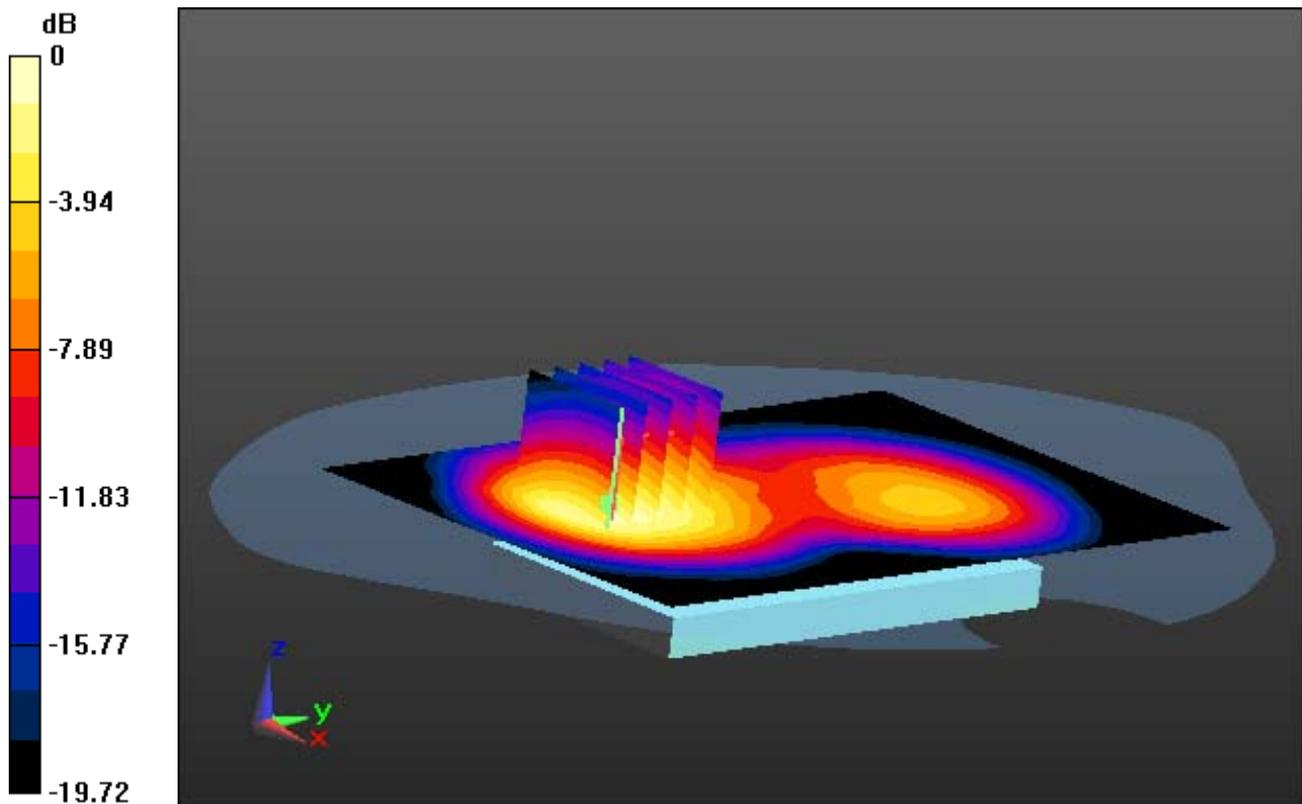
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.660 mW/g

**SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.557 W/kg**



0 dB = 1.27 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

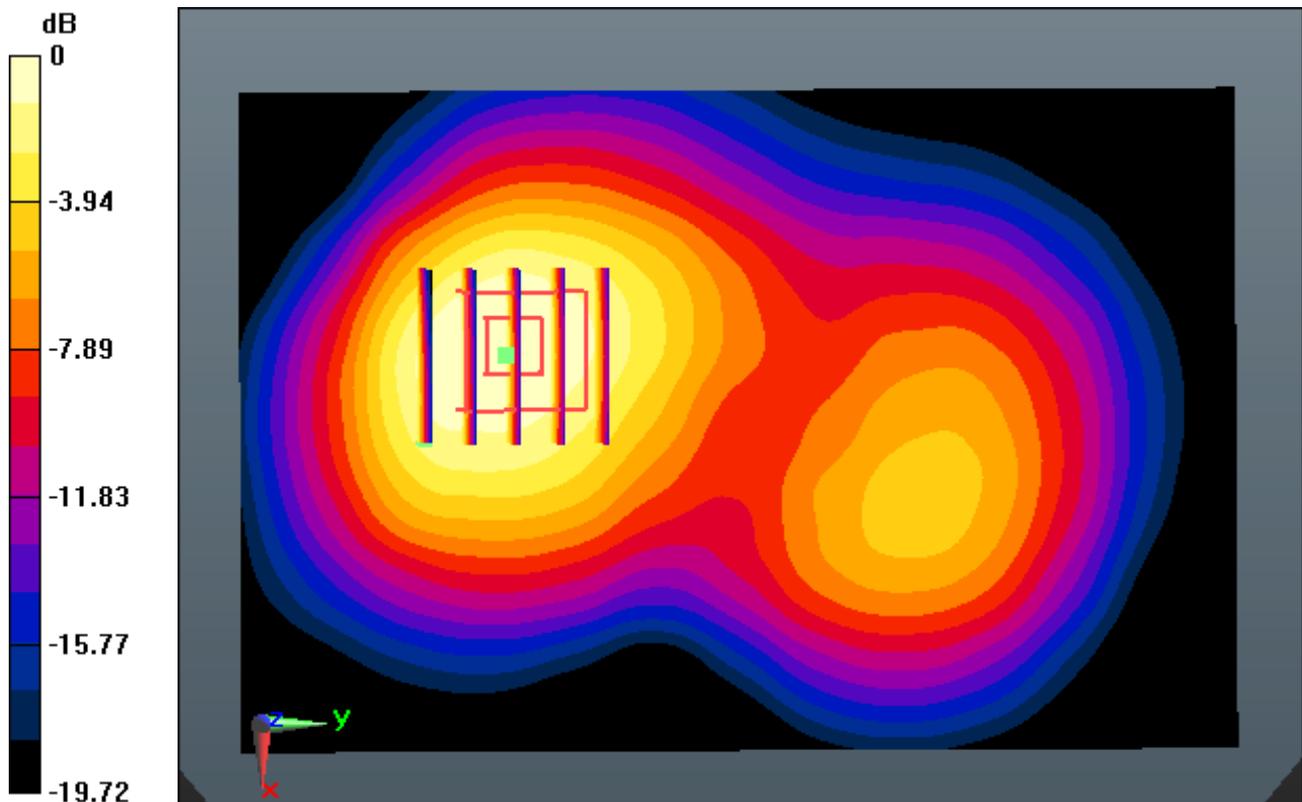
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.660 mW/g

**SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.557 W/kg**



0 dB = 1.27 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal**

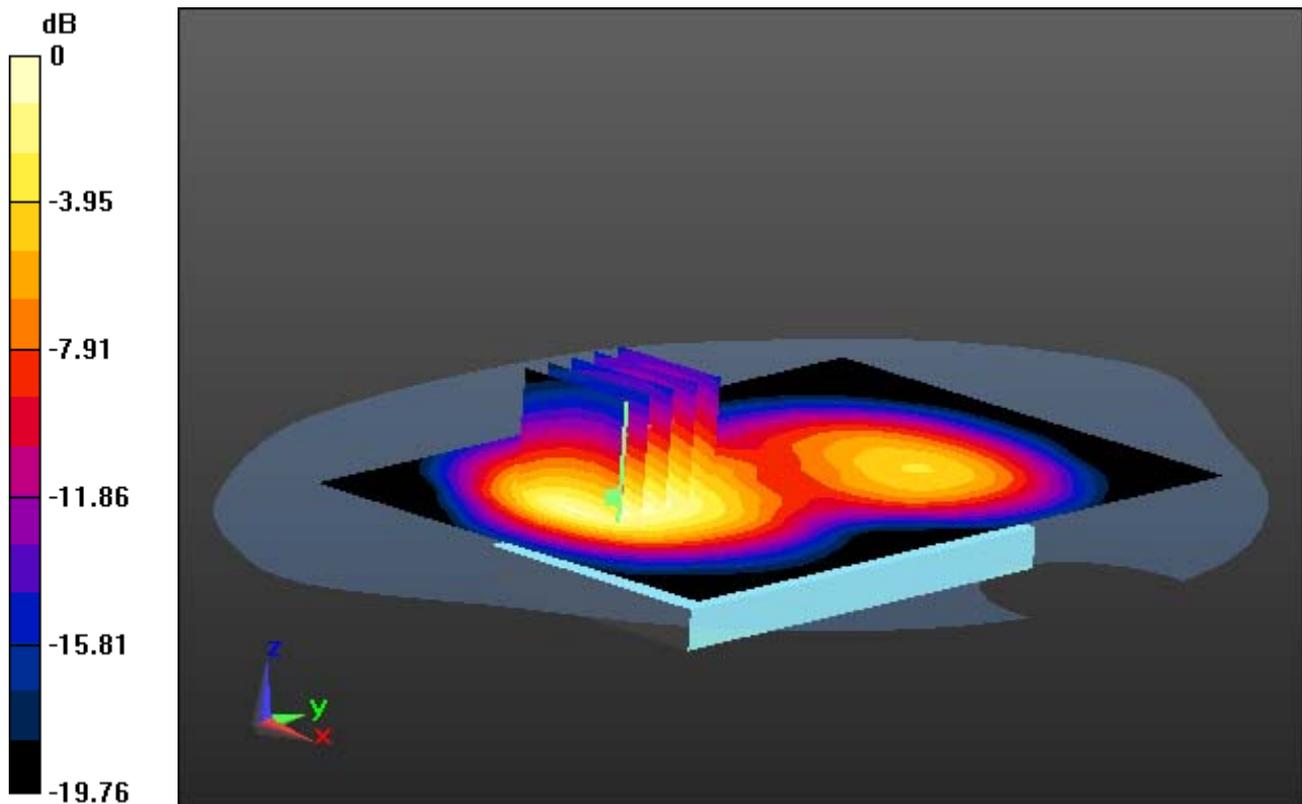
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.477 mW/g

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.508 W/kg**



0 dB = 1.15 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 810, Ant Internal**

**With Enlarge plot image**

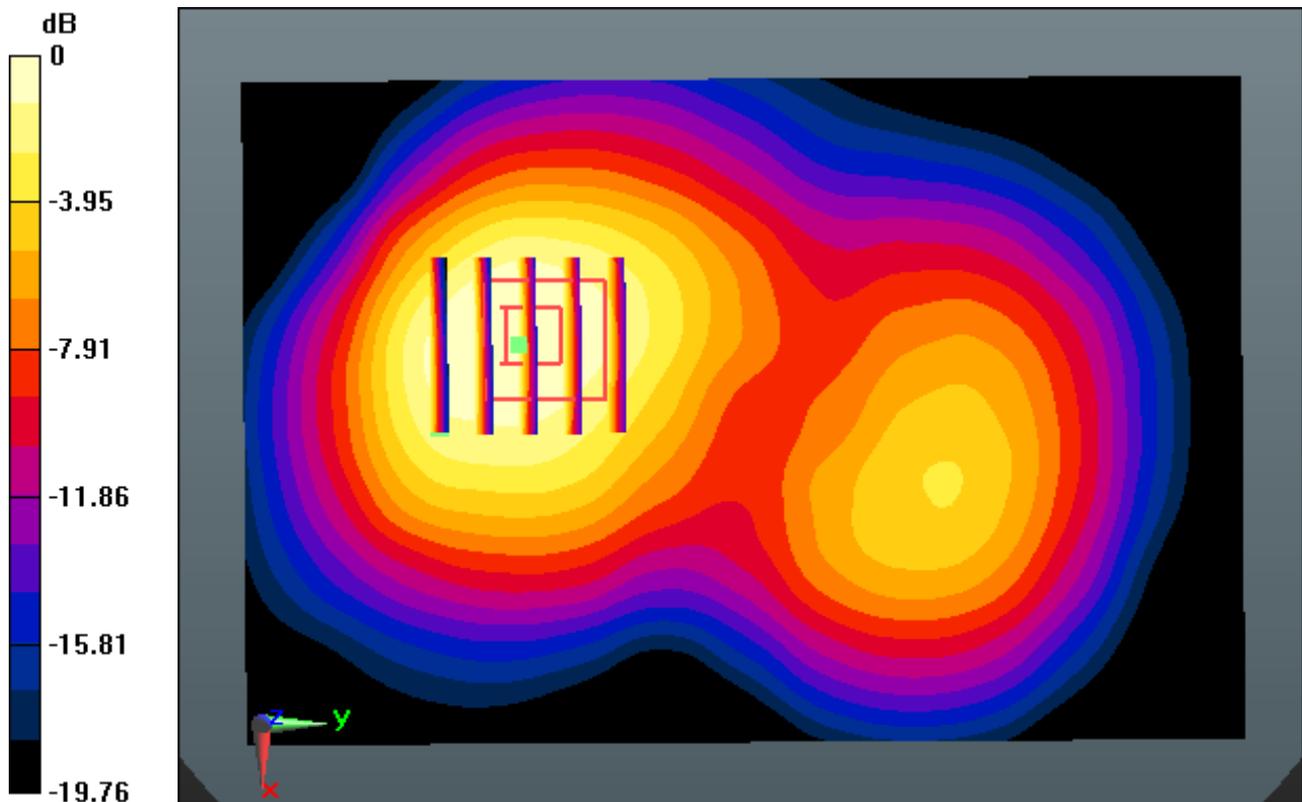
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.477 mW/g

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.508 W/kg**



0 dB = 1.15 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 512, Ant Internal**

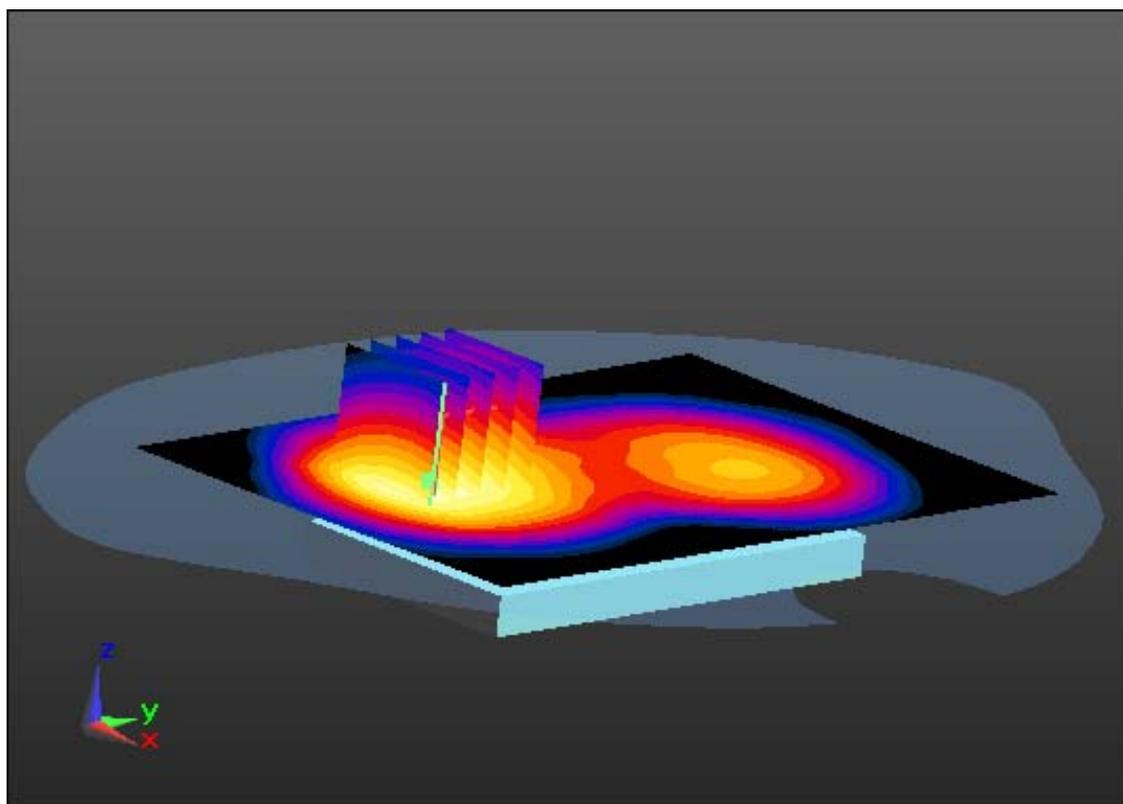
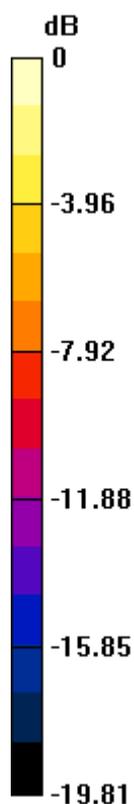
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.965 mW/g

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.639 W/kg**



0 dB = 1.49 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 512, Ant Internal**

**With Enlarge plot image**

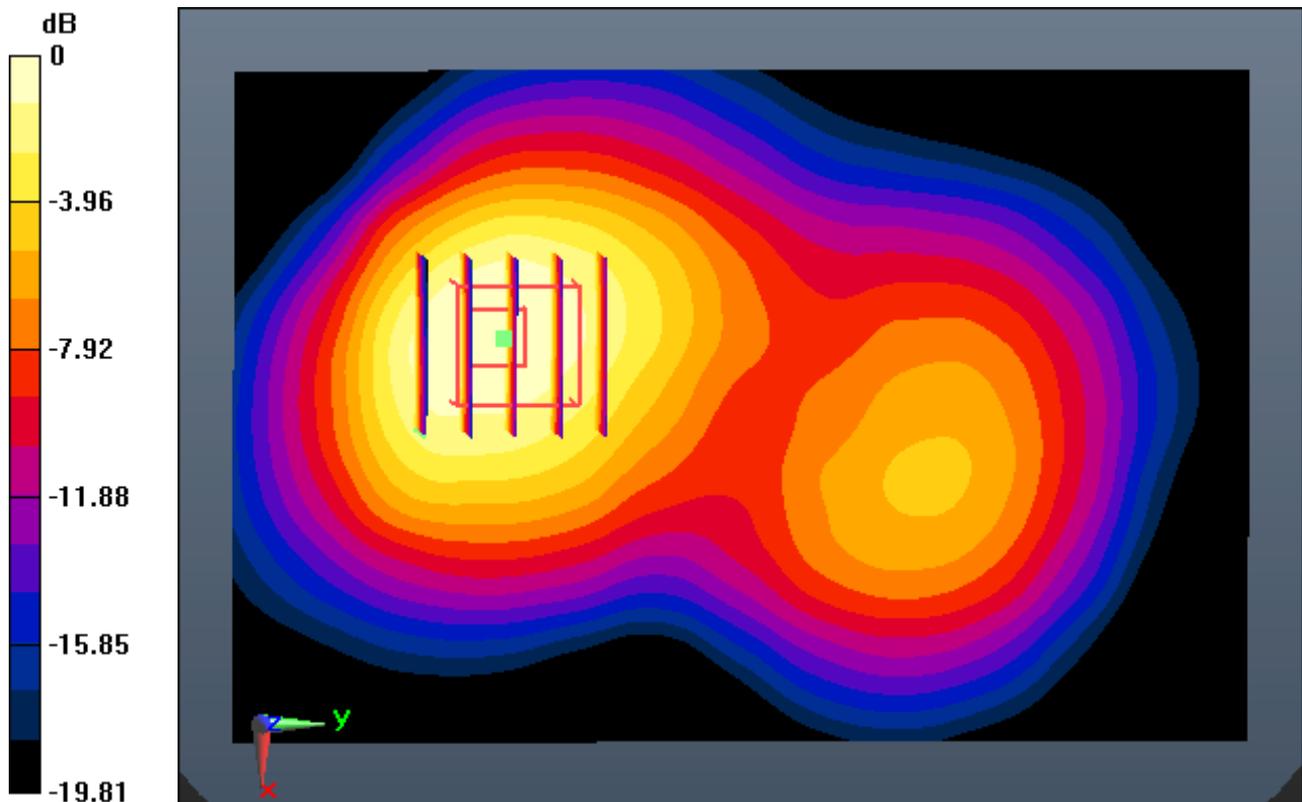
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.965 mW/g

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.639 W/kg**



0 dB = 1.49 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal**

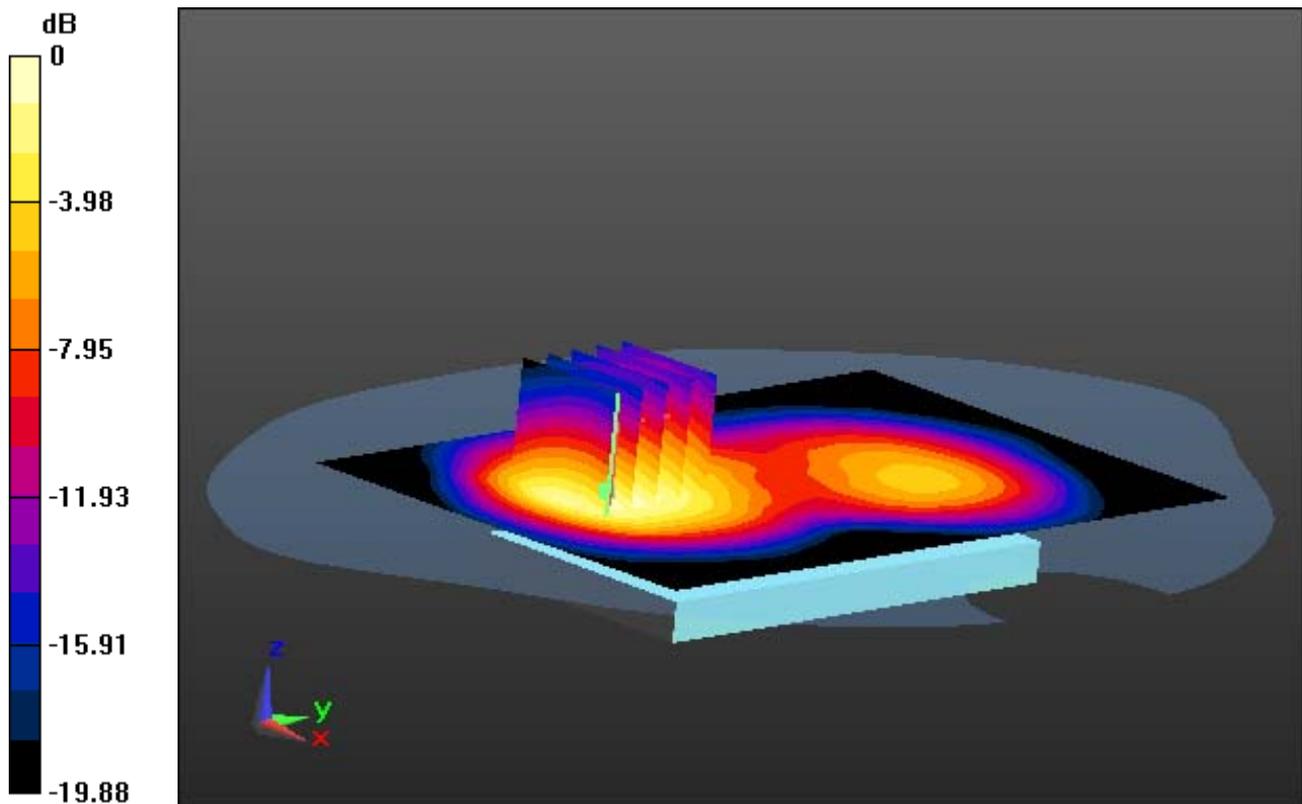
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.751 mW/g

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.575 W/kg**



0 dB = 1.32 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

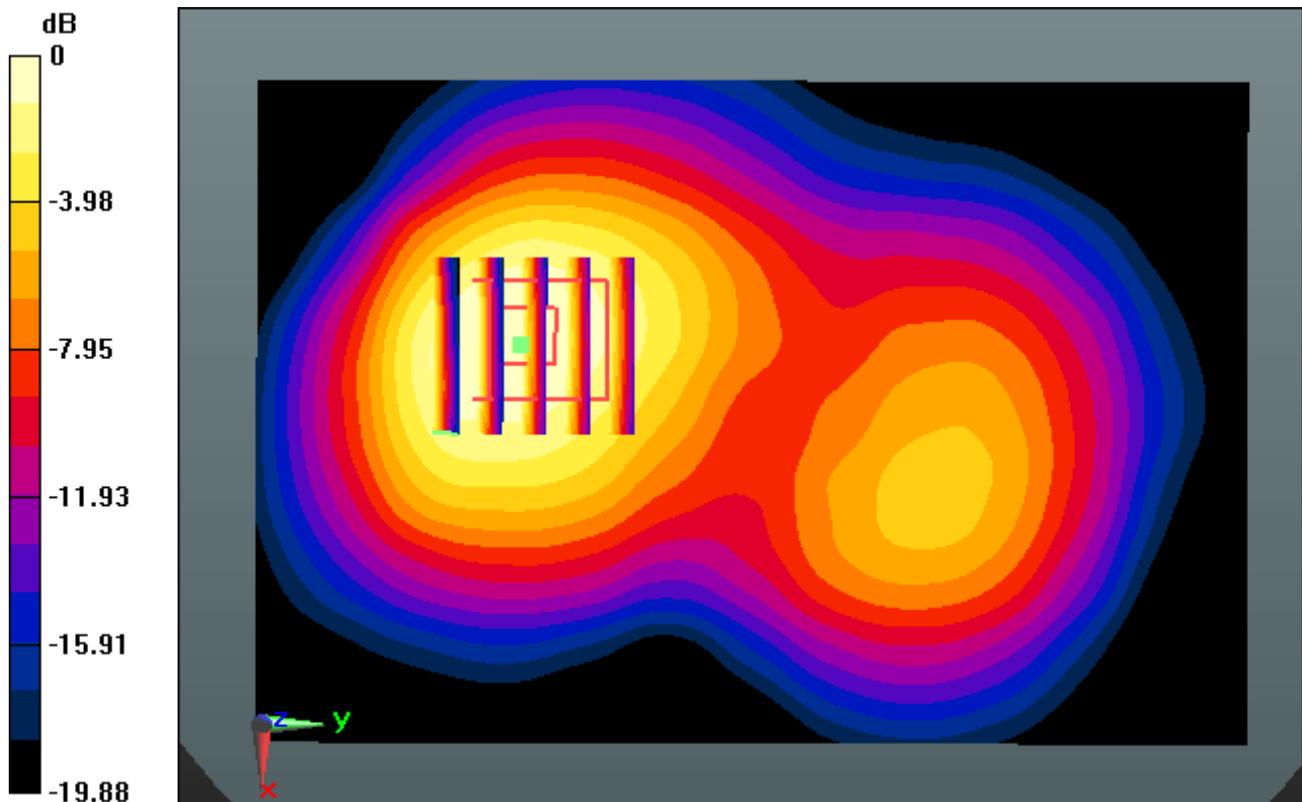
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.751 mW/g

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.575 W/kg**



0 dB = 1.32 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal**

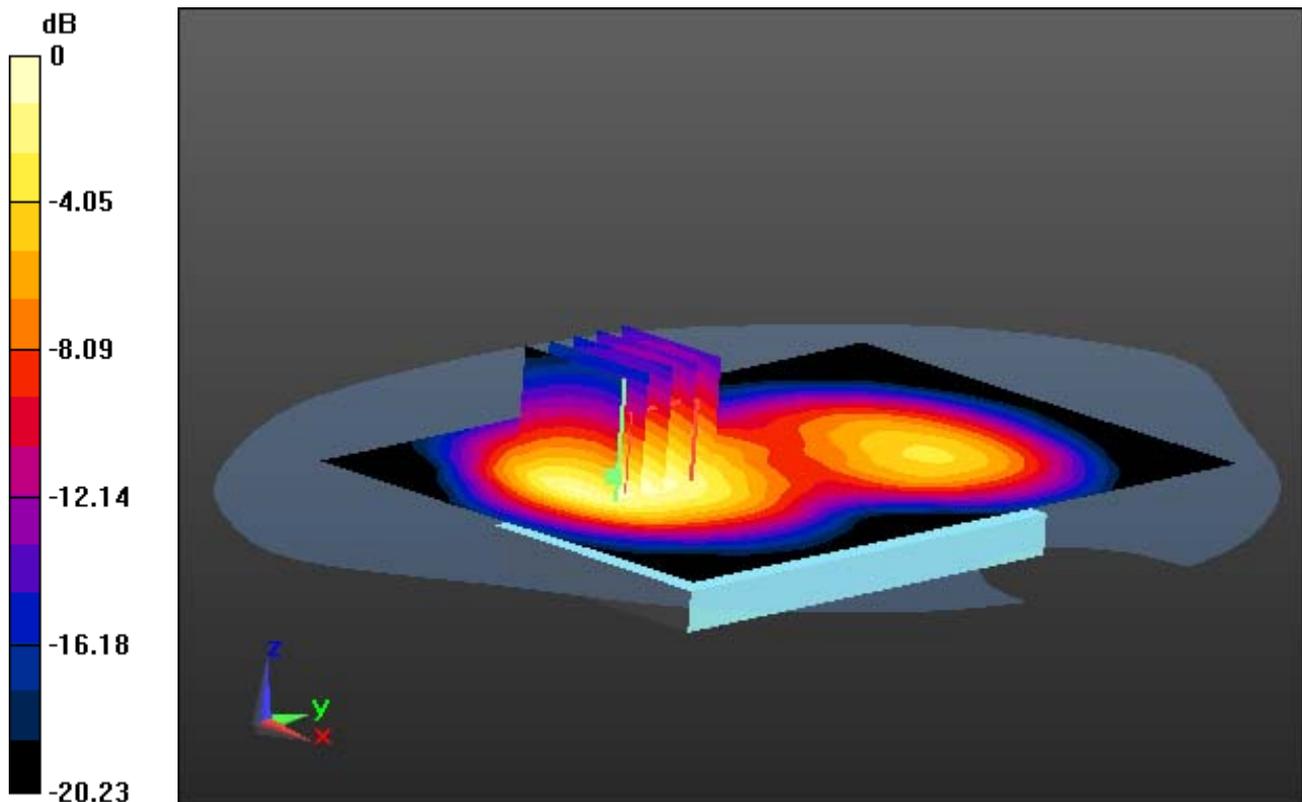
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.535 mW/g

**SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.529 W/kg**



0 dB = 1.21 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3 Tx Ch. 810, Ant Internal**

**With Enlarge plot image**

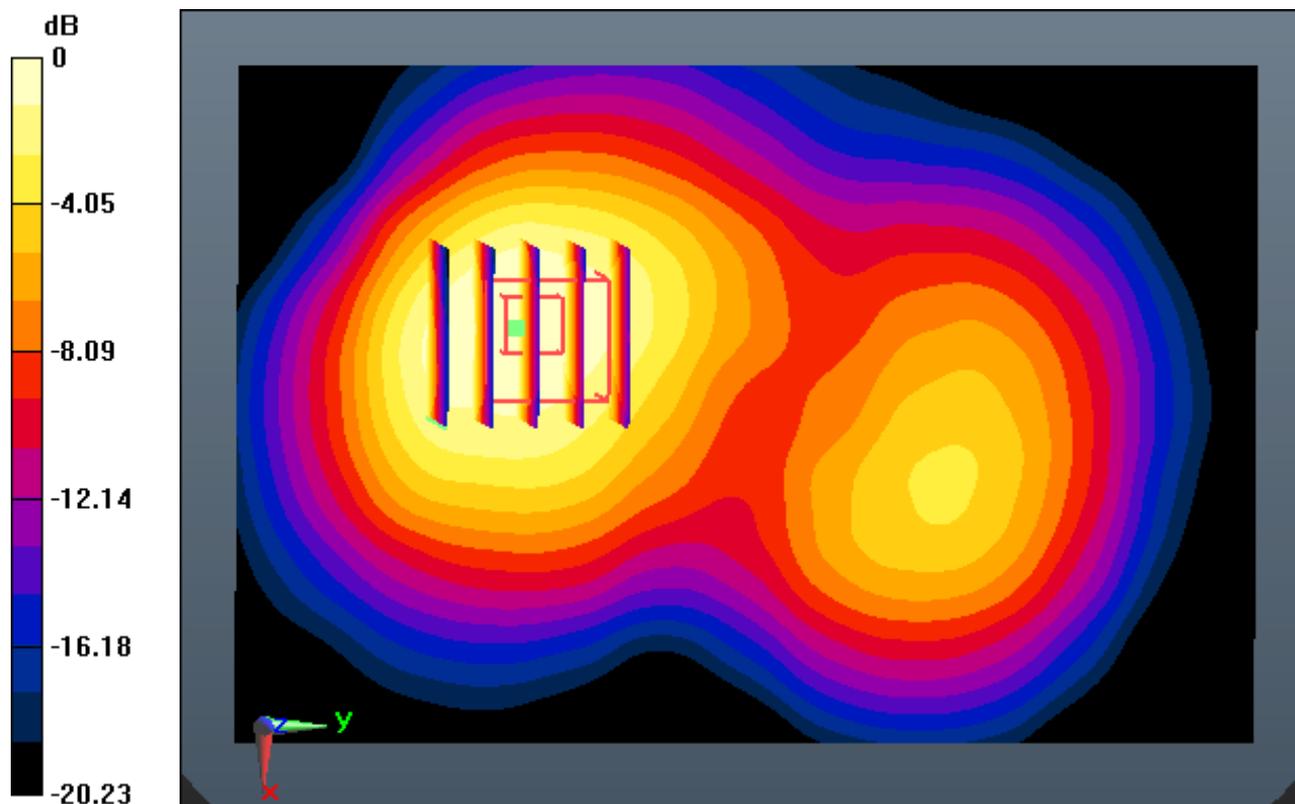
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.535 mW/g

**SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.529 W/kg**



0 dB = 1.21 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 512, Ant Internal**

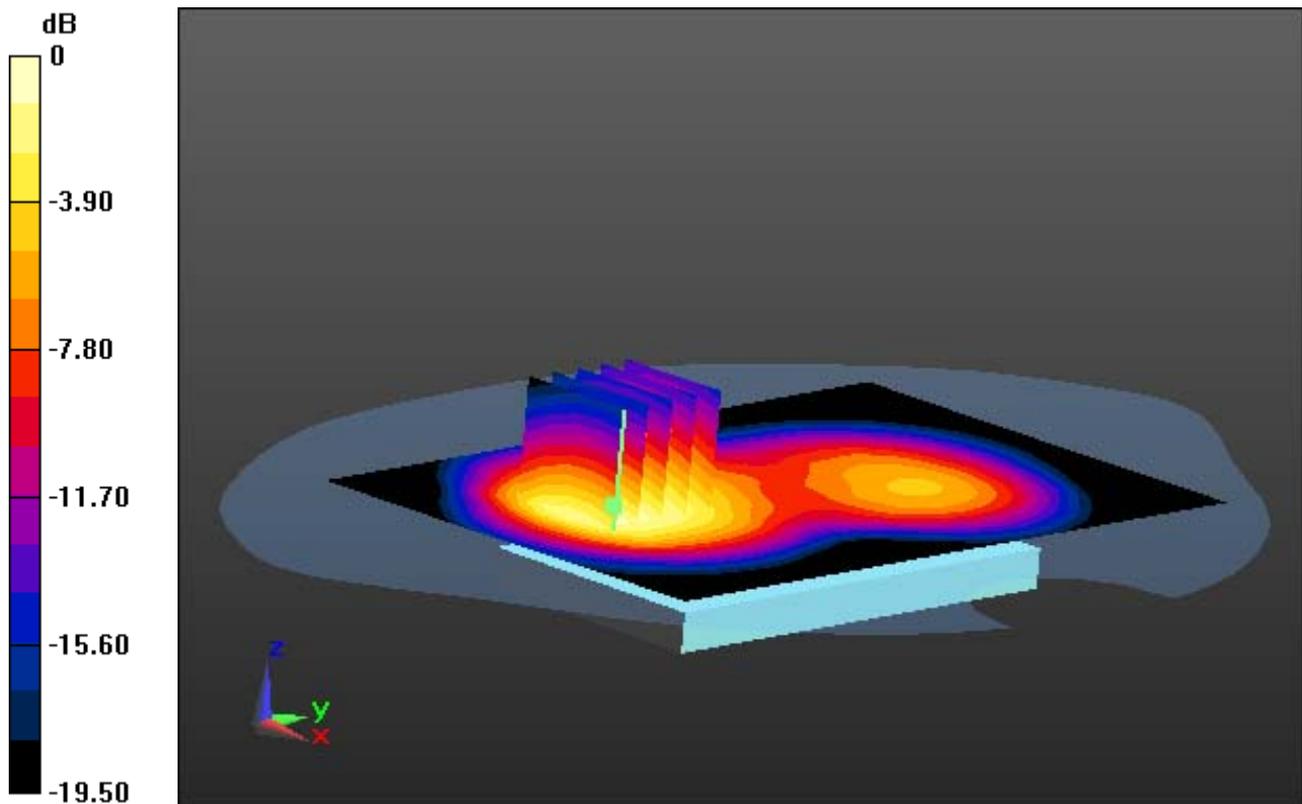
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.097 mW/g

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.690 W/kg**



0 dB = 1.58 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 512, Ant Internal**

**With Enlarge plot image**

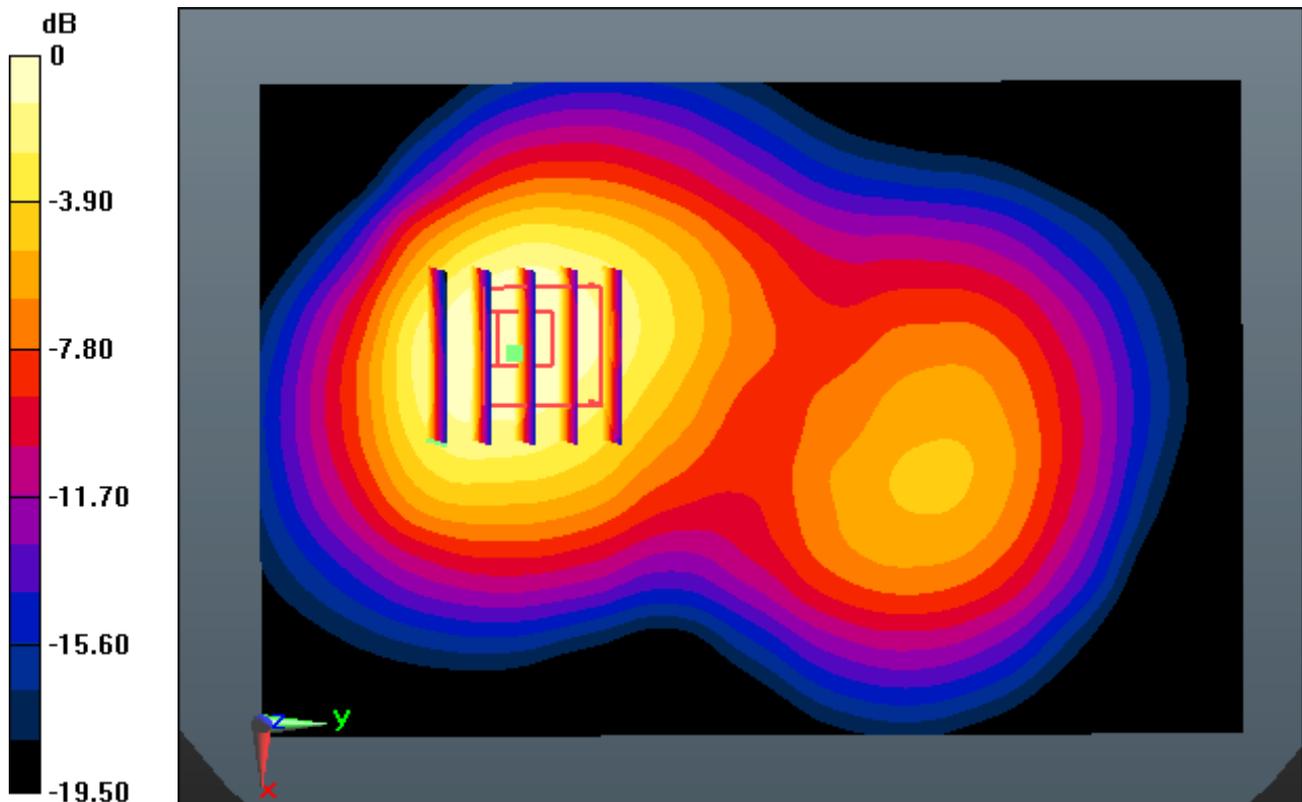
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.097 mW/g

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.690 W/kg**



0 dB = 1.58 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

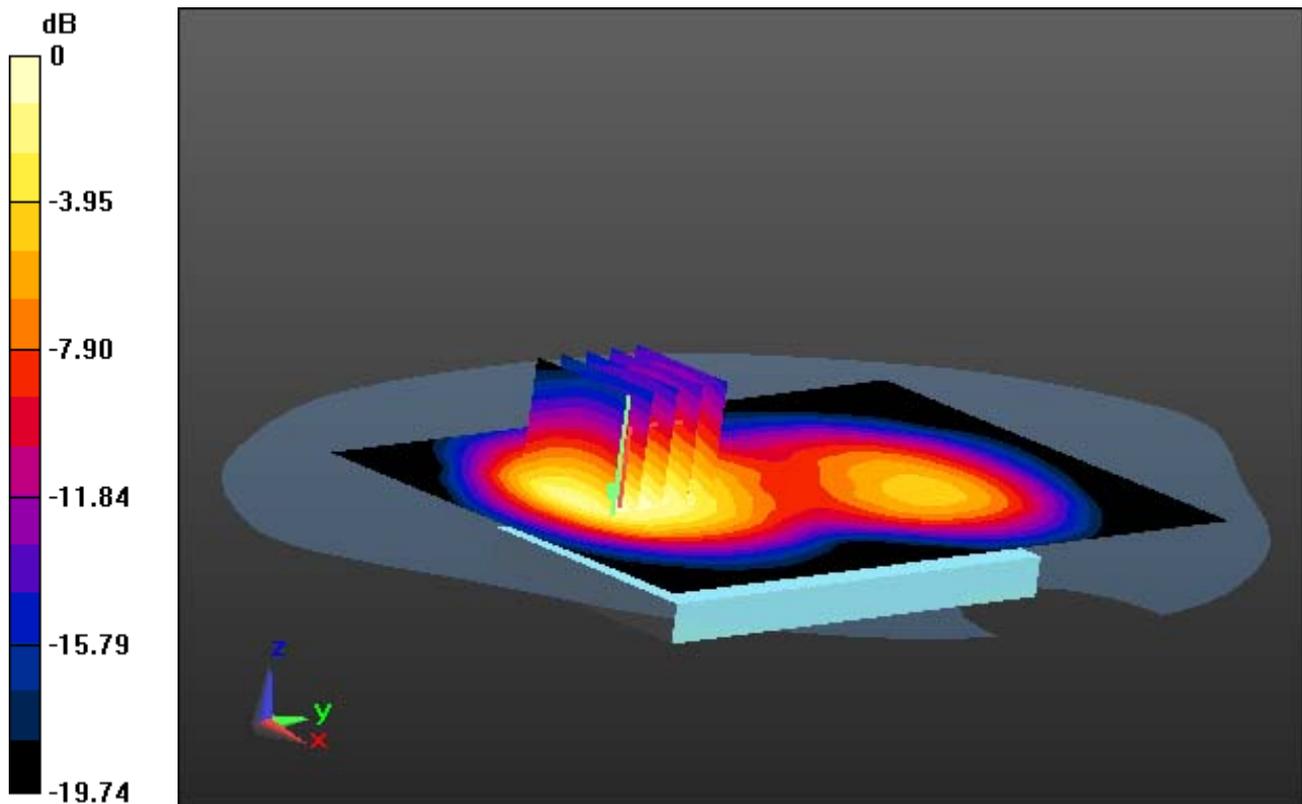
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.915 mW/g

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.635 W/kg**



0 dB = 1.46 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

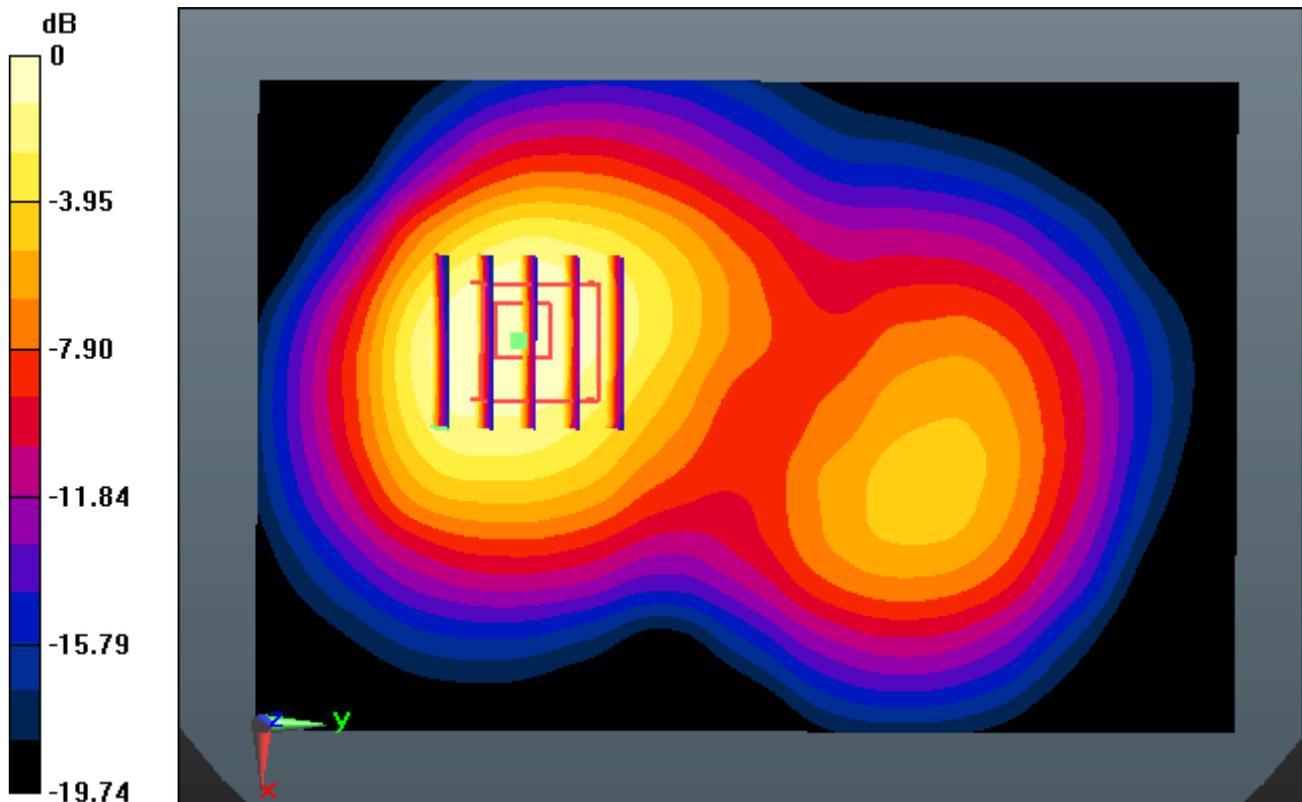
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.915 mW/g

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.635 W/kg**



0 dB = 1.46 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 810, Ant Internal**

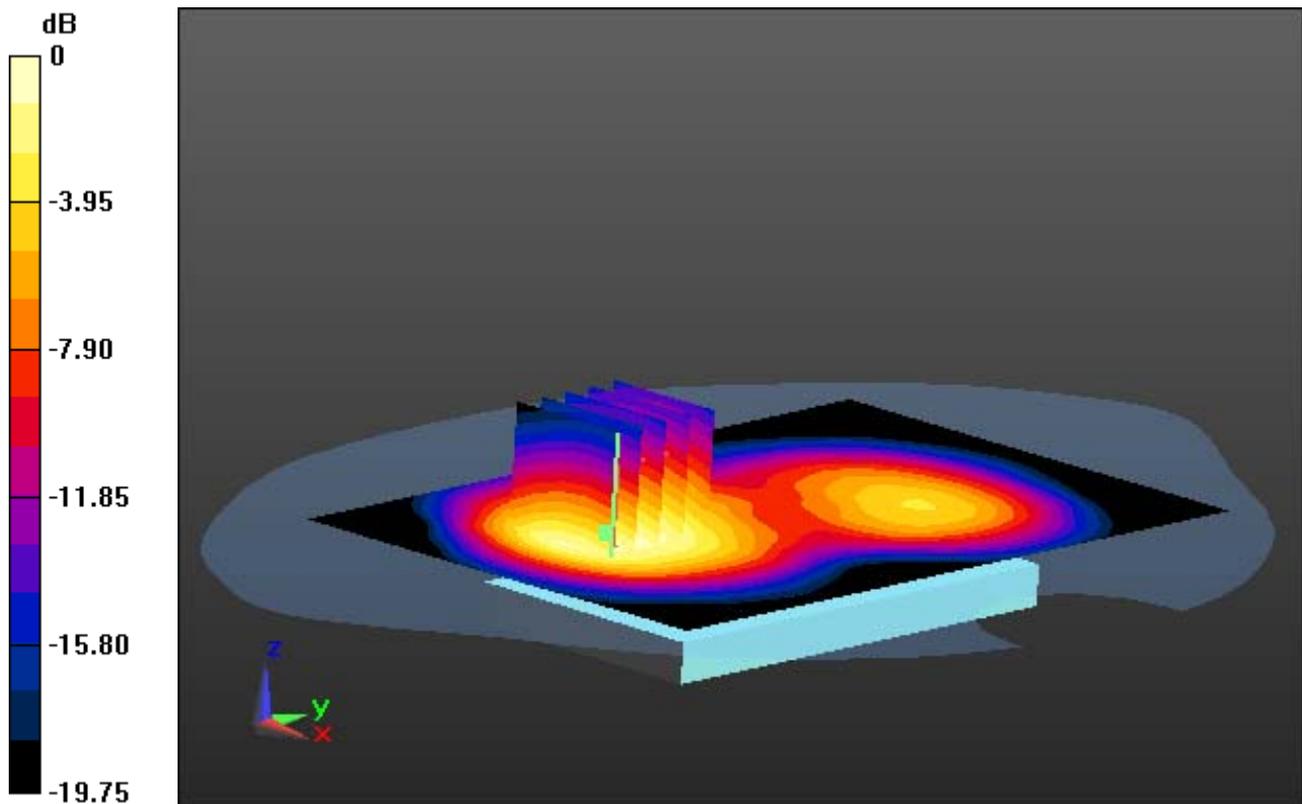
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.632 mW/g

**SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.559 W/kg**



0 dB = 1.27 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.526$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 810, Ant Internal**

**With Enlarge plot image**

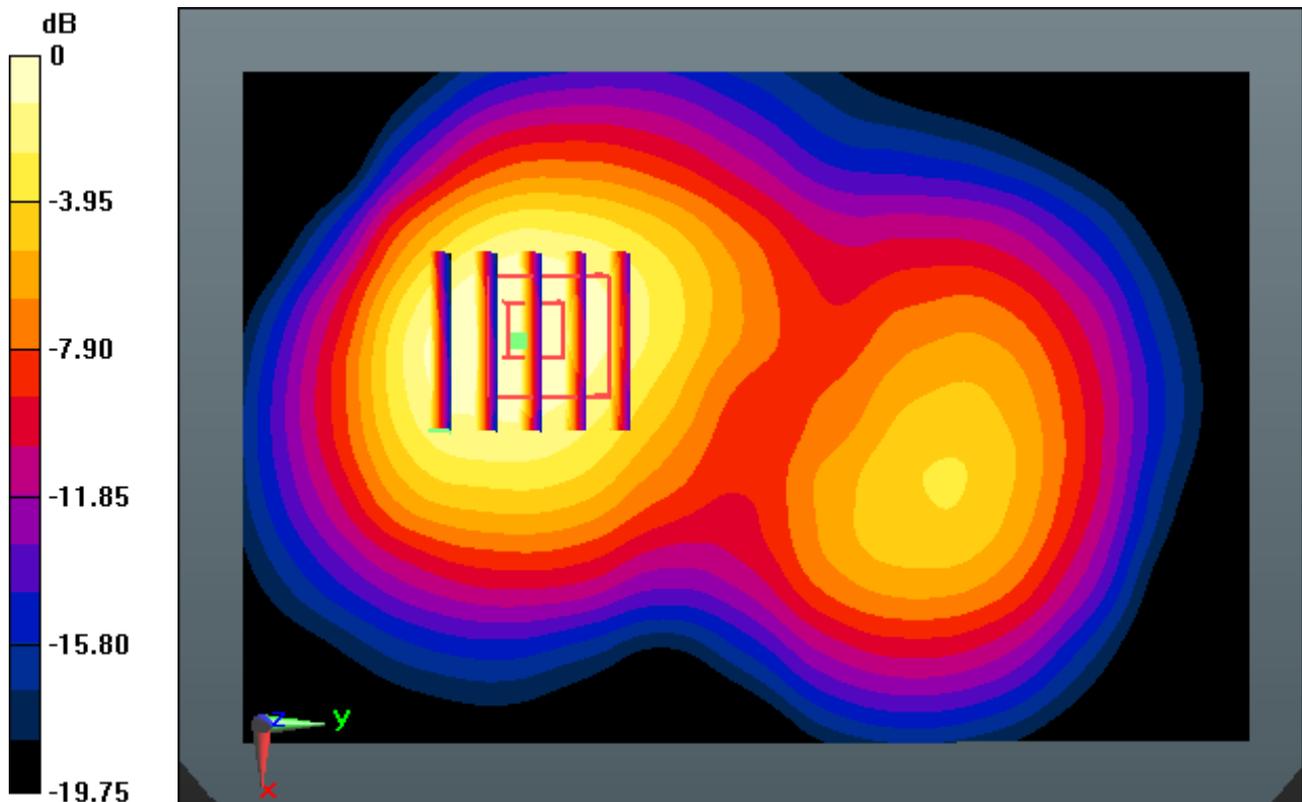
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.632 mW/g

**SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.559 W/kg**



0 dB = 1.27 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Right, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

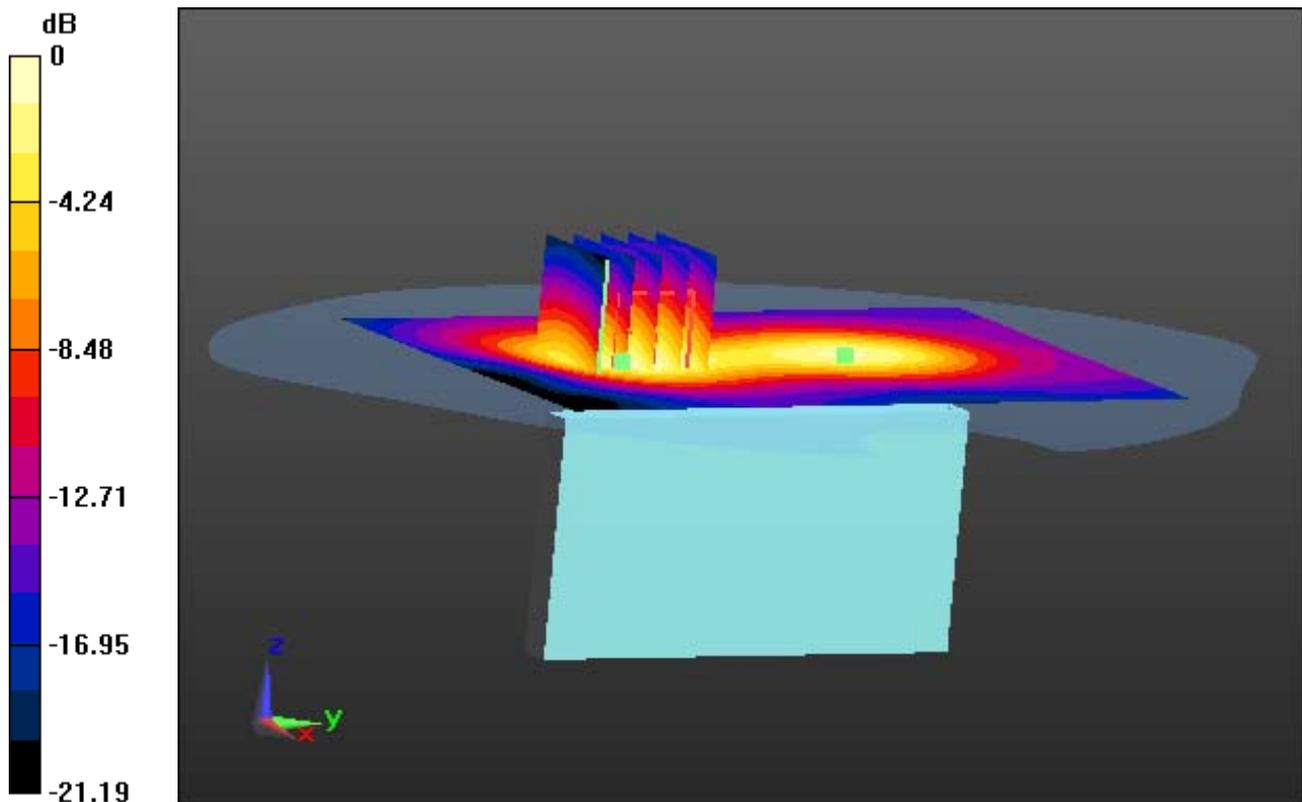
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.919 mW/g

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.274 W/kg**



0 dB = 0.713 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Right, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

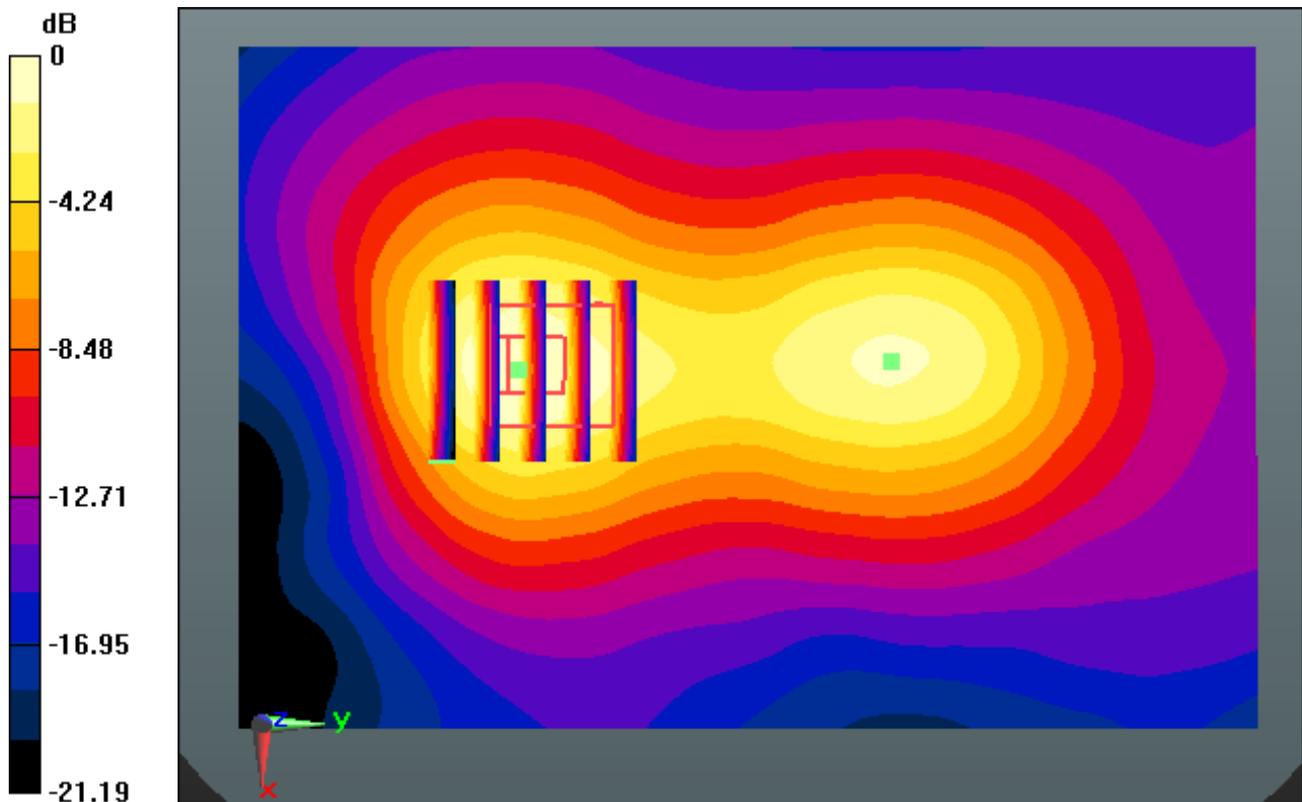
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.919 mW/g

**SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.274 W/kg**



0 dB = 0.713 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Right, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

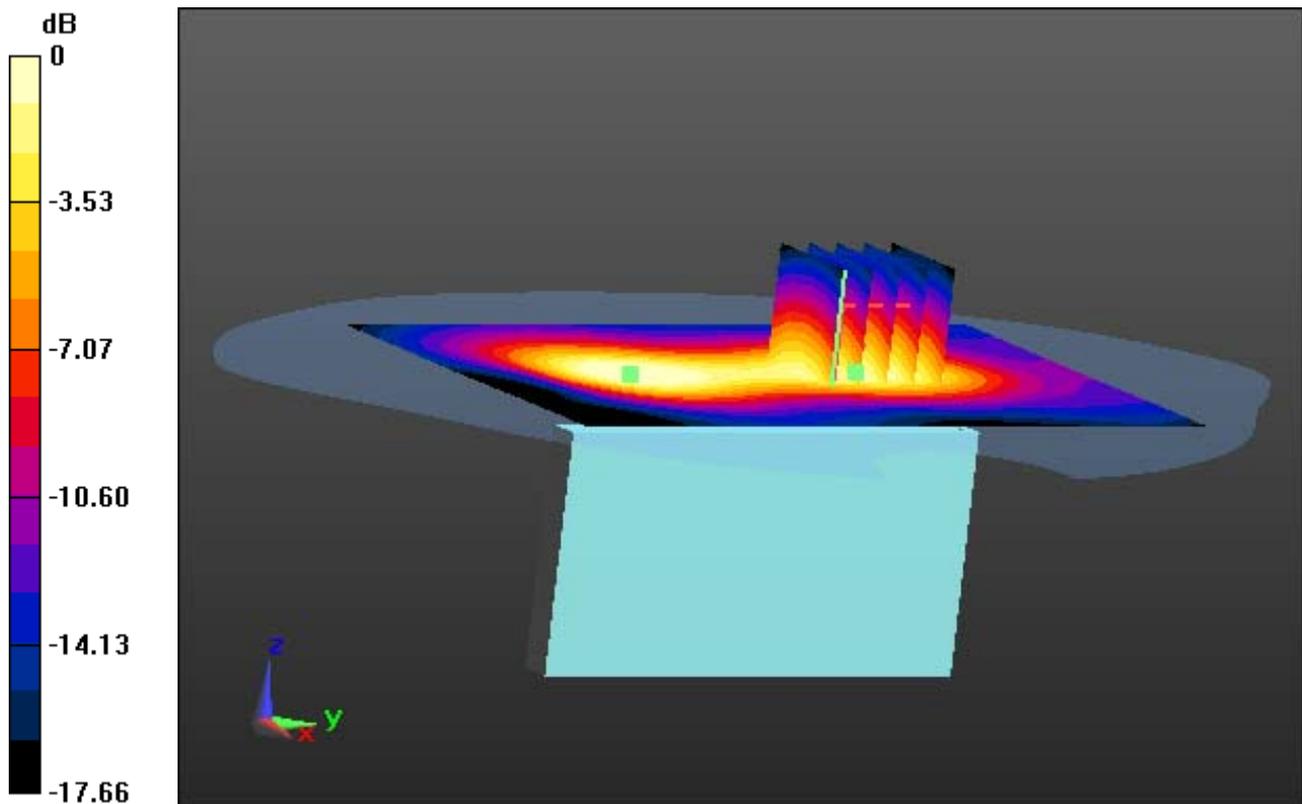
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.683 mW/g

**SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.224 W/kg**



0 dB = 0.543 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Right, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

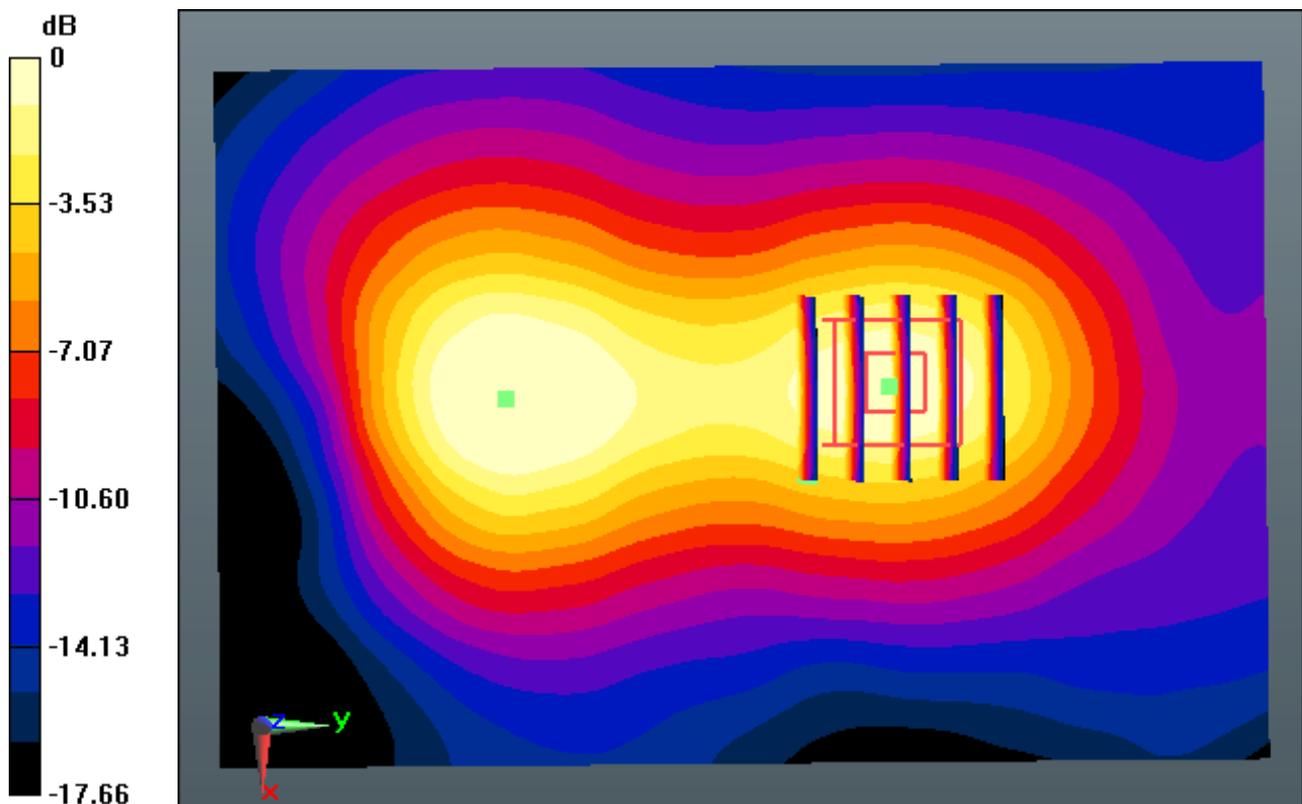
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.683 mW/g

**SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.224 W/kg**



0 dB = 0.543 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Left, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

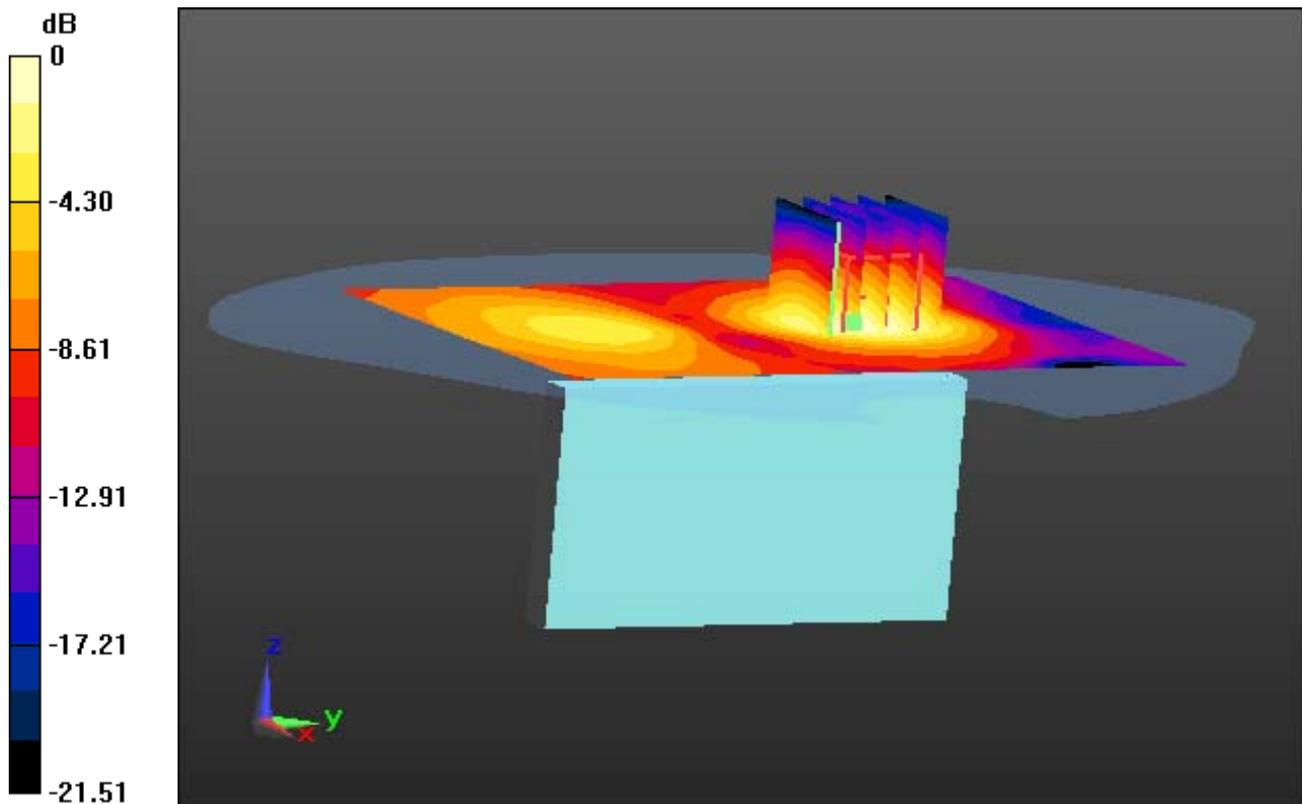
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.187 mW/g

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.059 W/kg**



0 dB = 0.145 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  mho/m;  $\epsilon_r = 53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Left, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

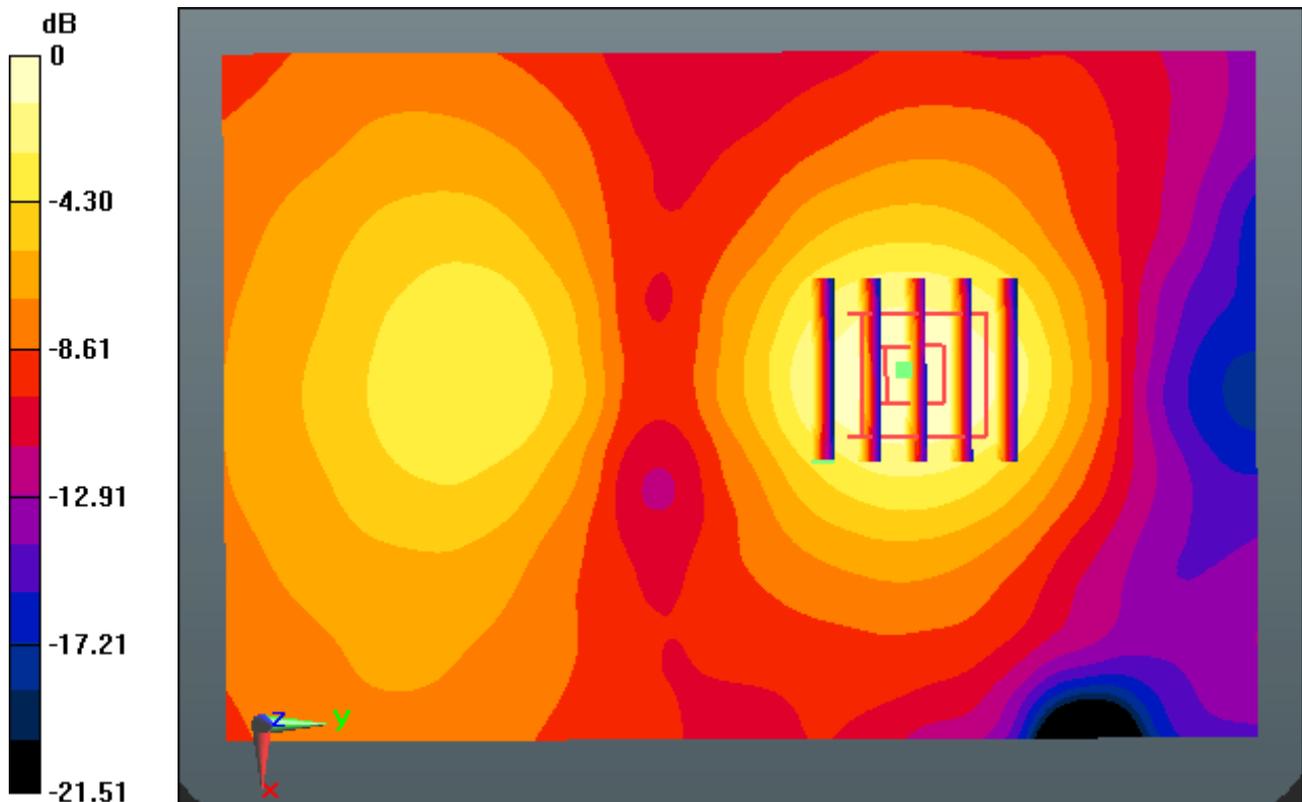
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.187 mW/g

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.059 W/kg**



0 dB = 0.145 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 512, Ant Internal**

## **SAR Variability Result**

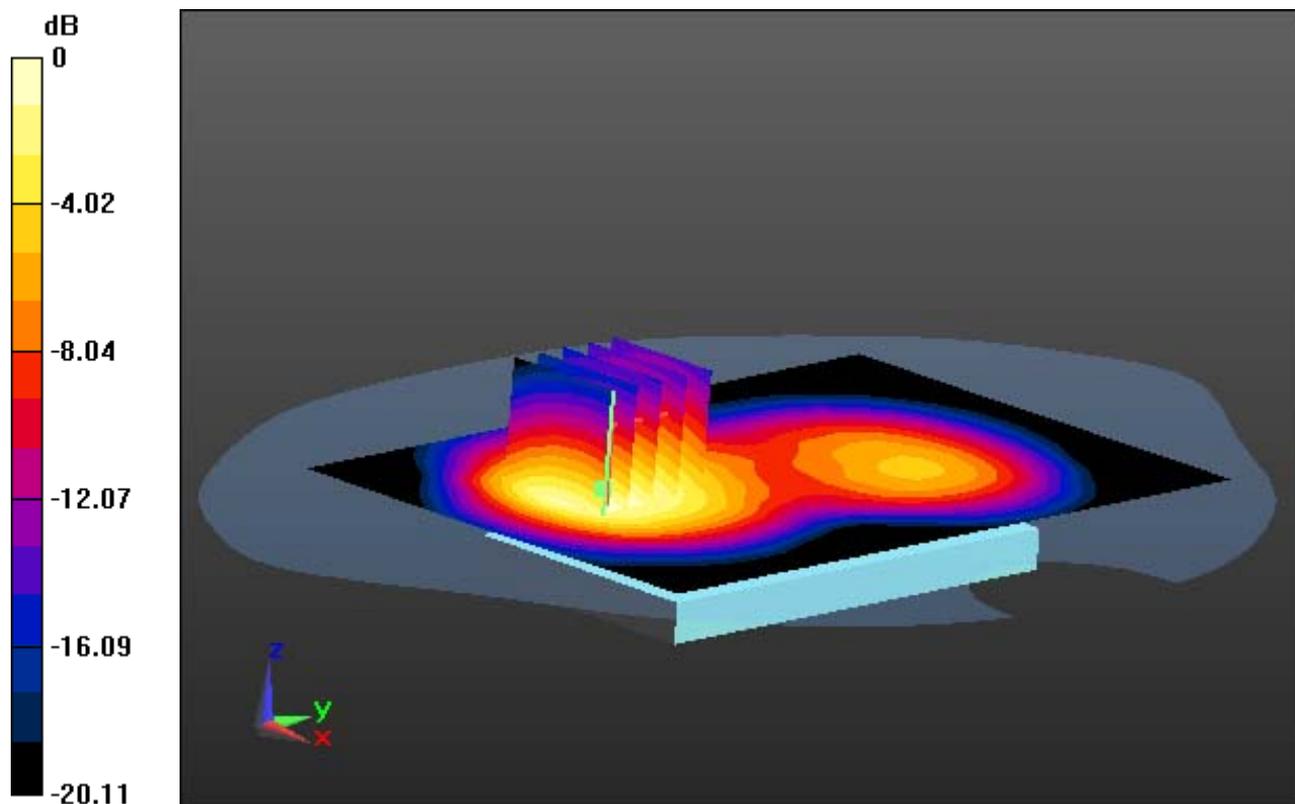
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.049 mW/g

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.668 W/kg**



0 dB = 1.55 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 512, Ant Internal**

## **SAR Variability Result, With Enlarge plot image**

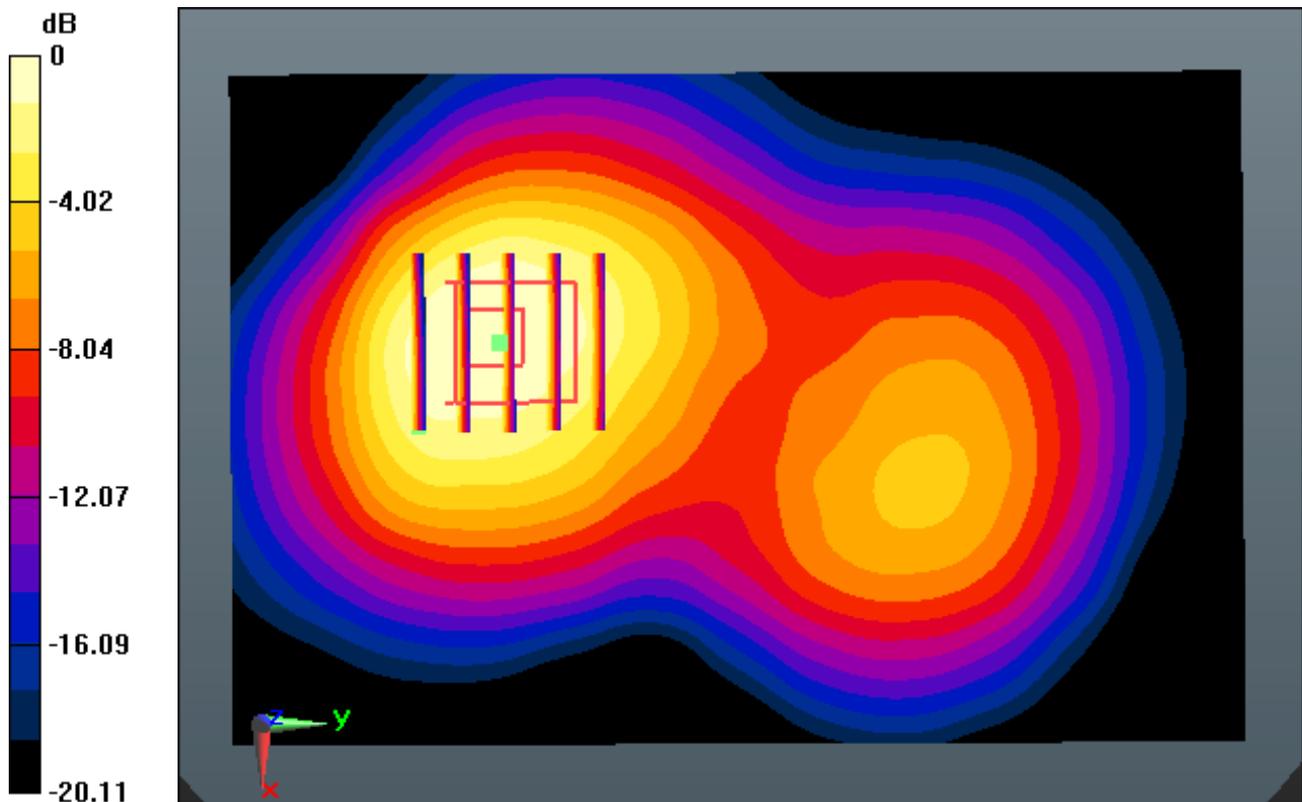
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.049 mW/g

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.668 W/kg**



0 dB = 1.55 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.473$  mho/m;  $\epsilon_r = 53.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335

Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679

Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-06; Ambient Temp: 20.9; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 512, Ant Internal**

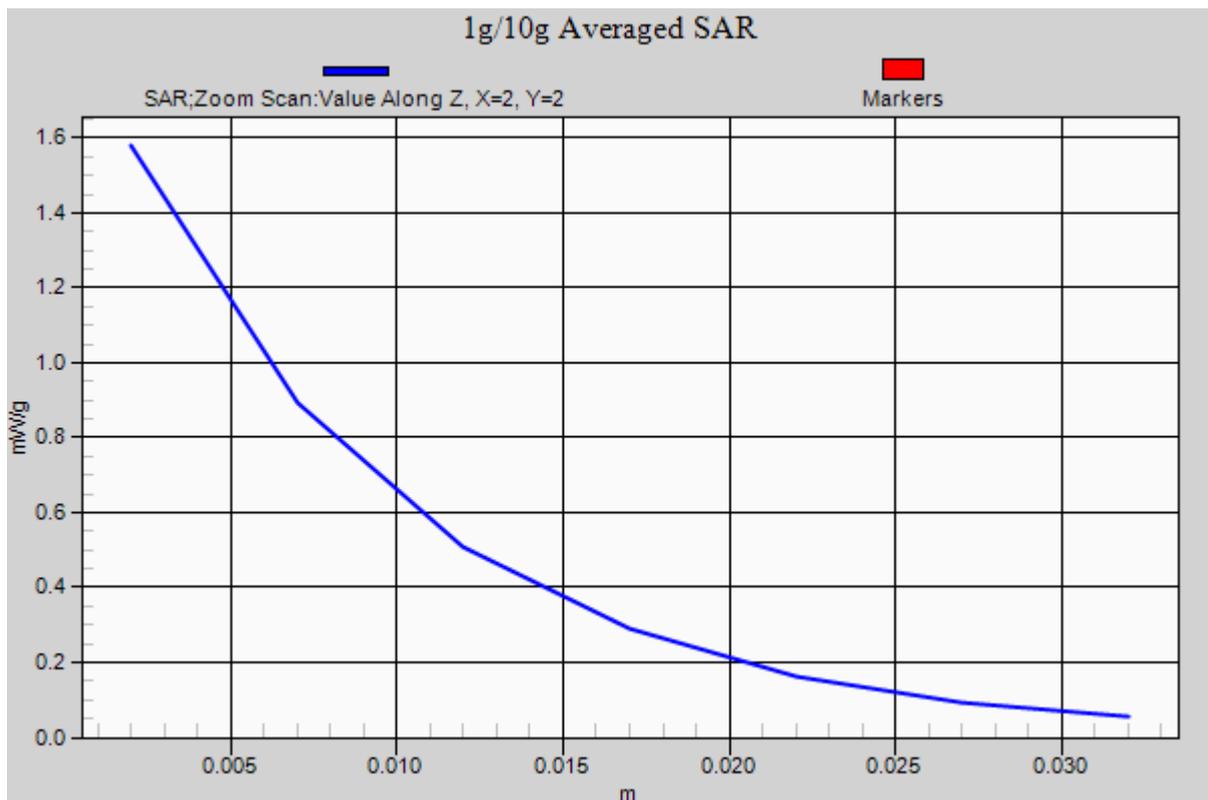
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.097 mW/g

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.690 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

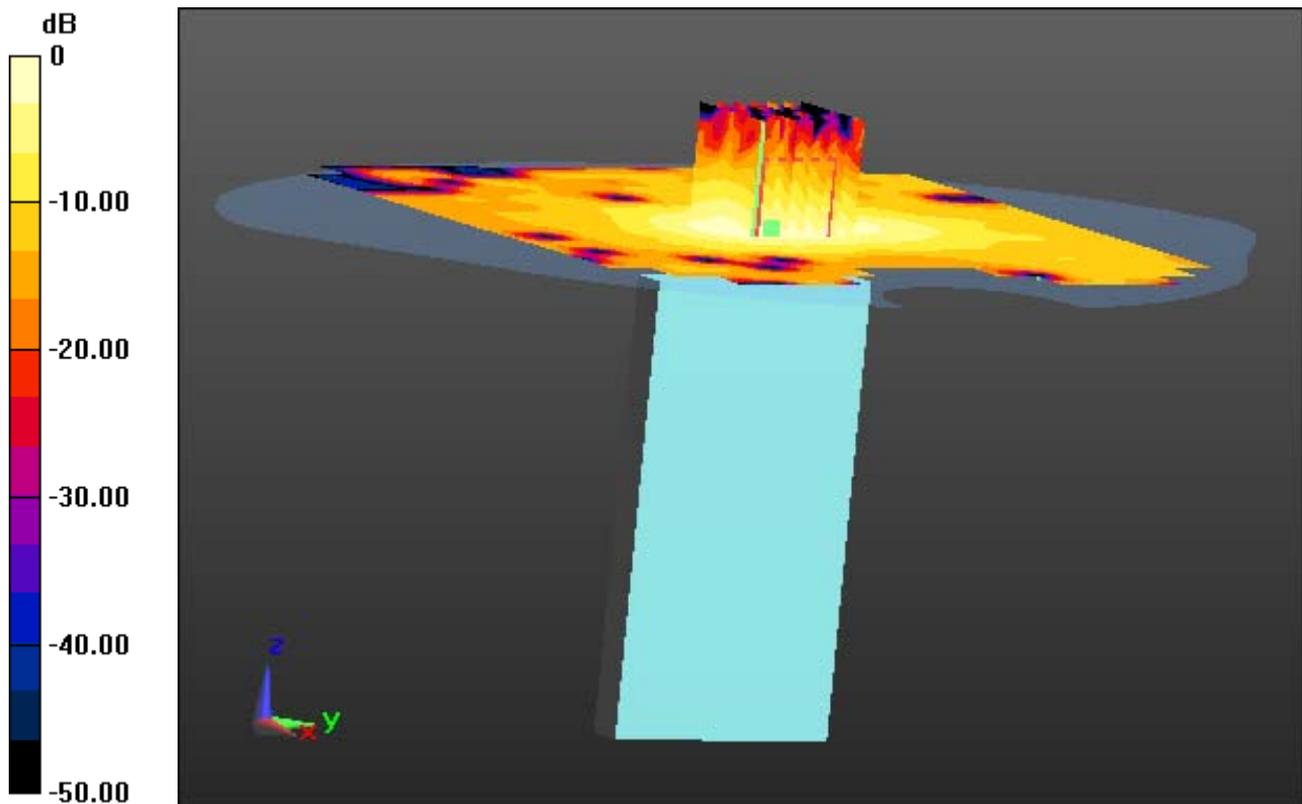
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Top, W-LAN(802.11b) Ch. 11, Ant Internal**

**Area Scan (151x151x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.150 mW/g  
**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.033 W/kg**



0 dB = 0.102 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

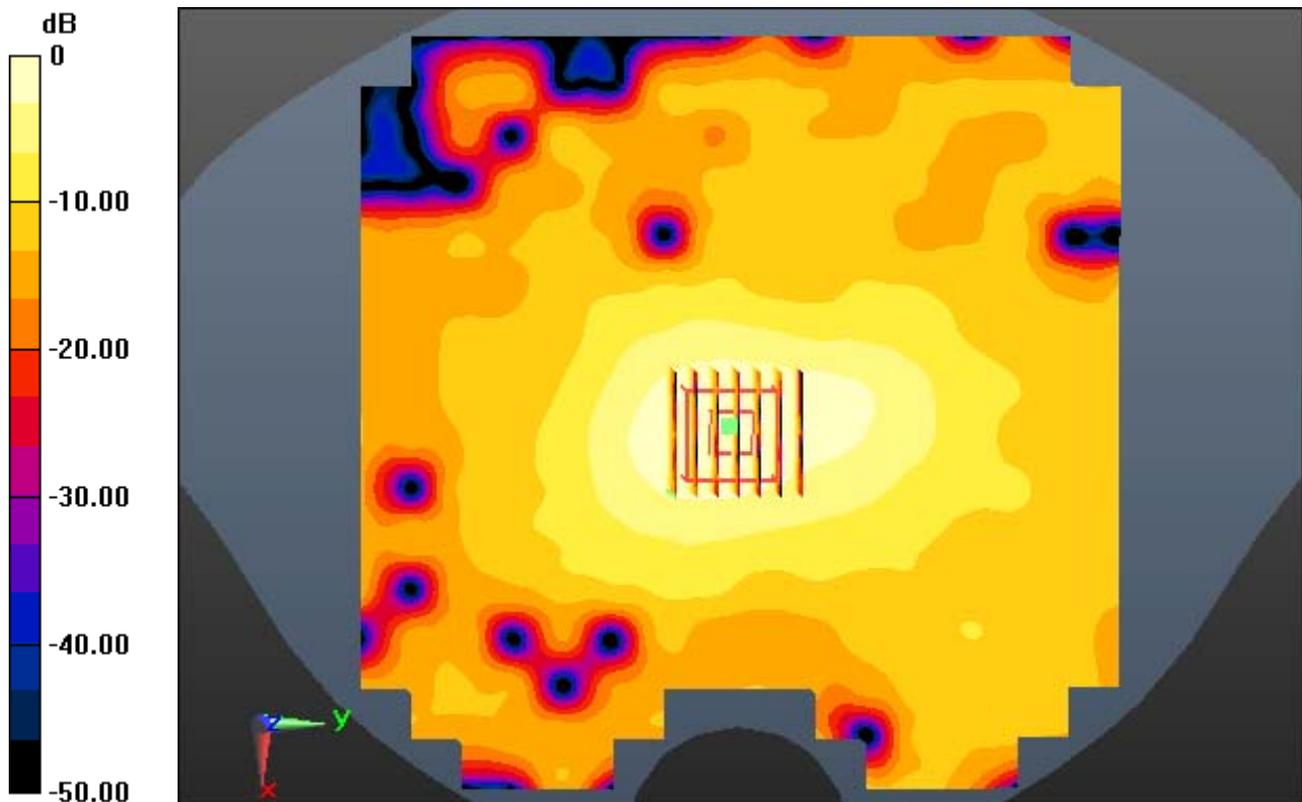
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Top, W-LAN(802.11b) Ch. 11, Ant Internal**

**With Enlarge plot image**

**Area Scan (151x151x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.150 mW/g  
**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.033 W/kg**



0 dB = 0.102 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Front, W-LAN(802.11b) Ch. 11, Ant Internal**

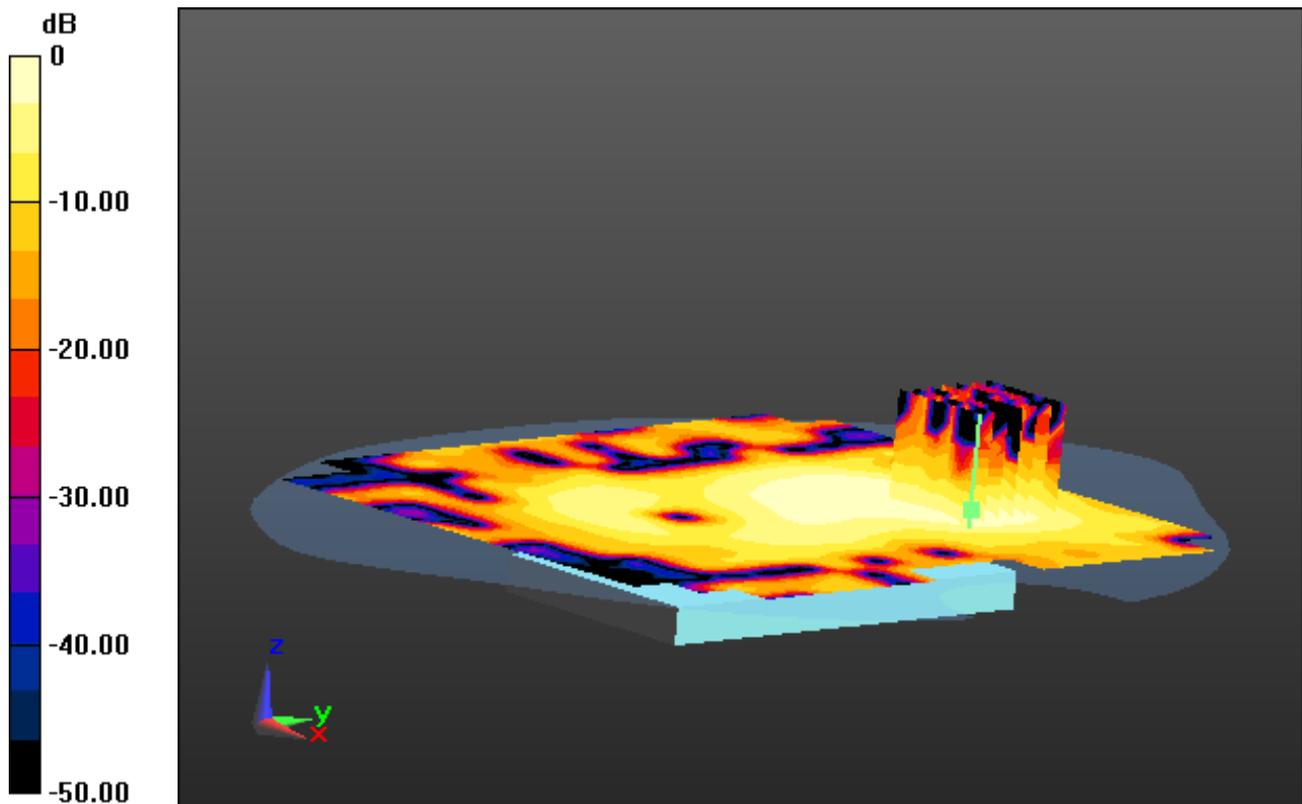
**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.121 mW/g

**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.023 W/kg**



0 dB = 0.0791 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

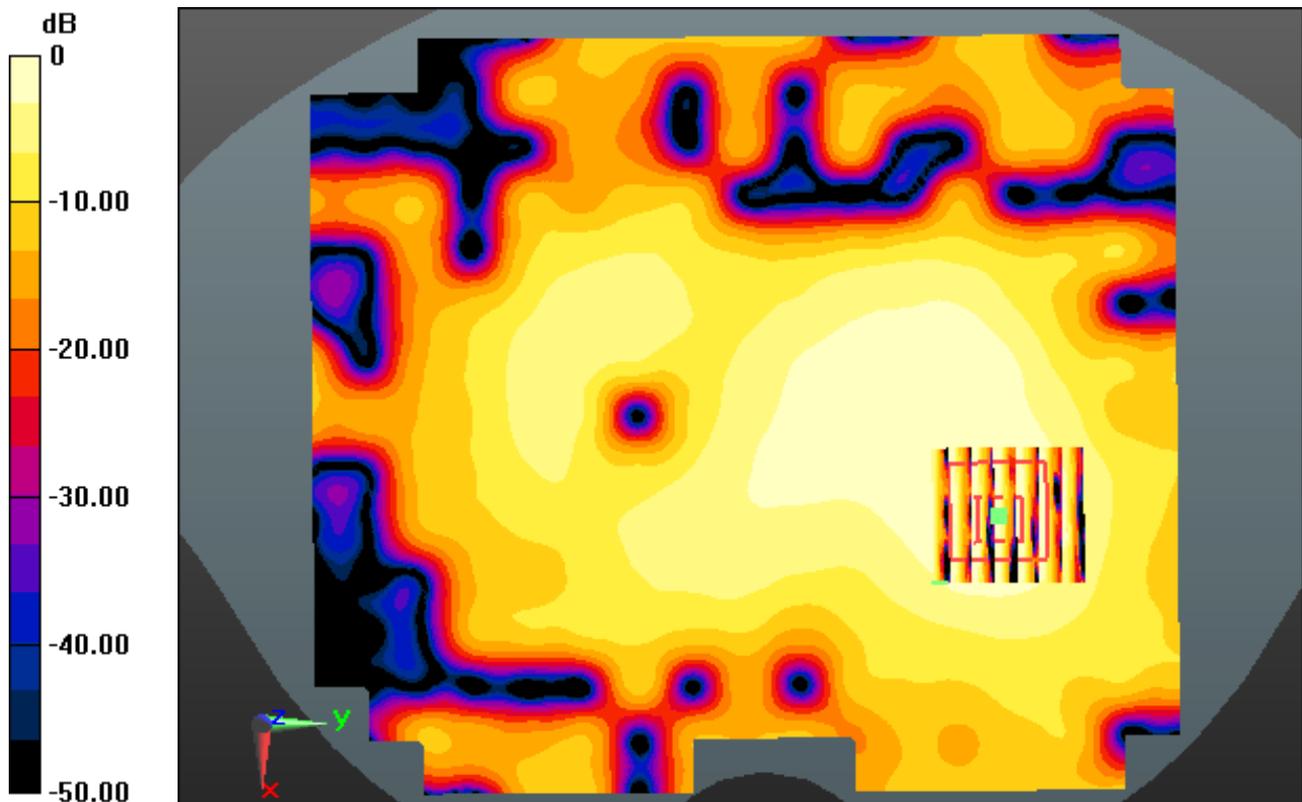
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Front, W-LAN(802.11b) Ch. 11, Ant Internal**

**With Enlarge plot image**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 0.121 mW/g  
**SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.023 W/kg**



0 dB = 0.0791 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.939$  mho/m;  $\epsilon_r = 54.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 1, Ant Internal**

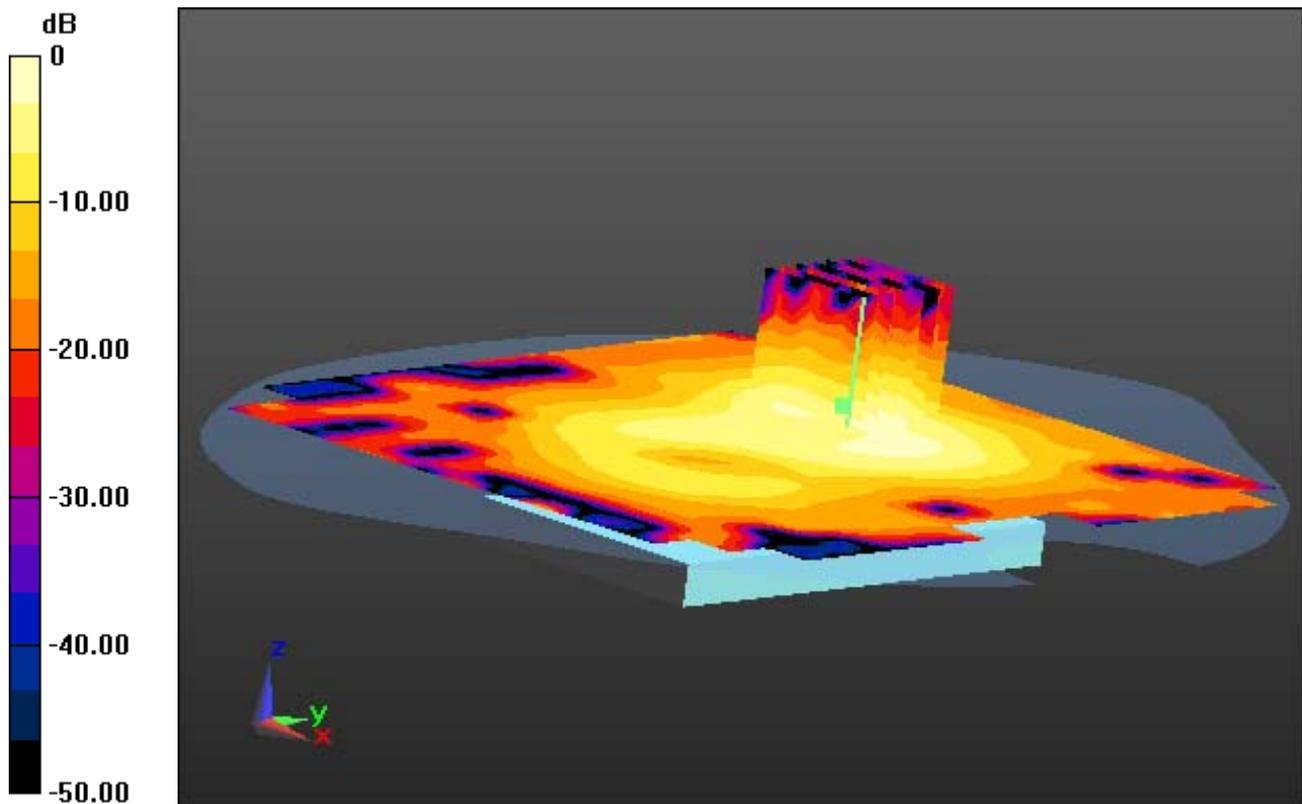
**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.353 mW/g

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.057 W/kg**



0 dB = 0.230 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.939$  mho/m;  $\epsilon_r = 54.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

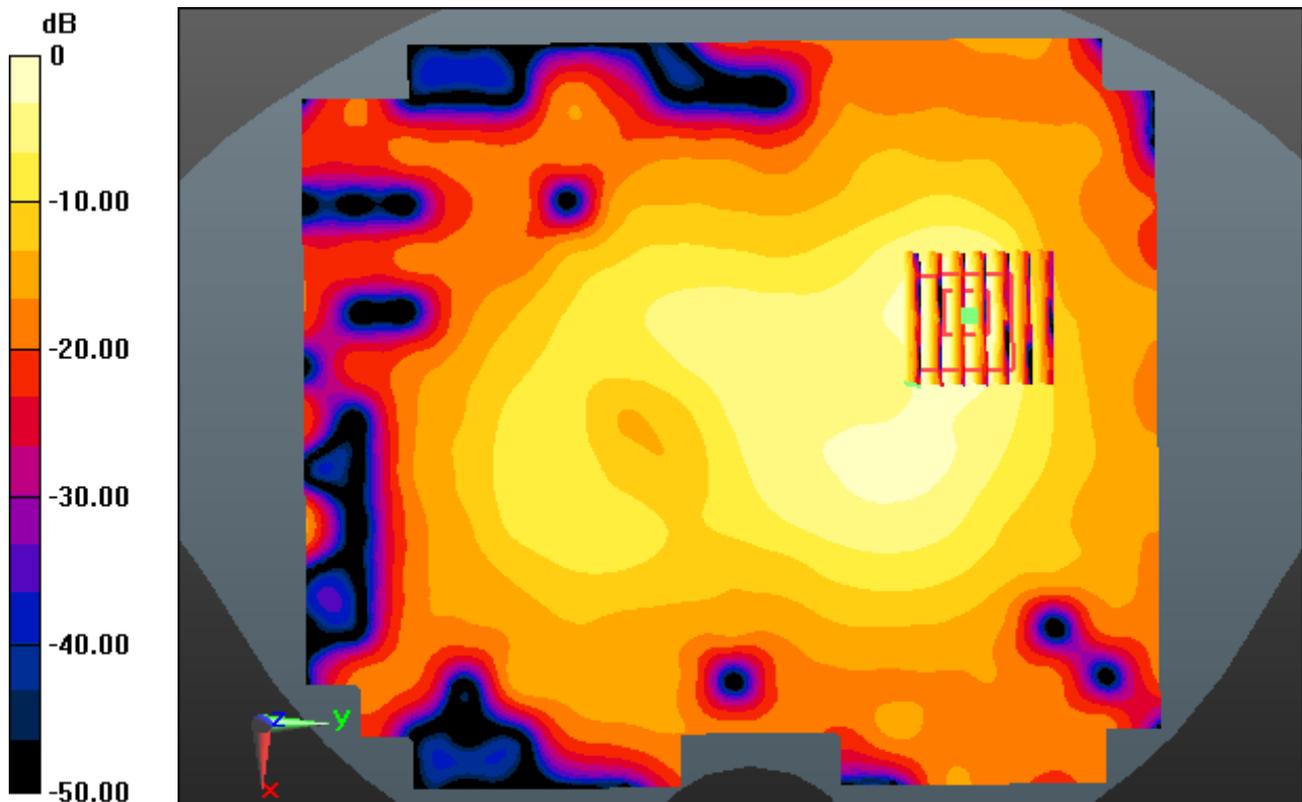
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 1, Ant Internal**

**With Enlarge plot image**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.353 mW/g  
**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.057 W/kg**



0 dB = 0.230 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.972$  mho/m;  $\epsilon_r = 54.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal**

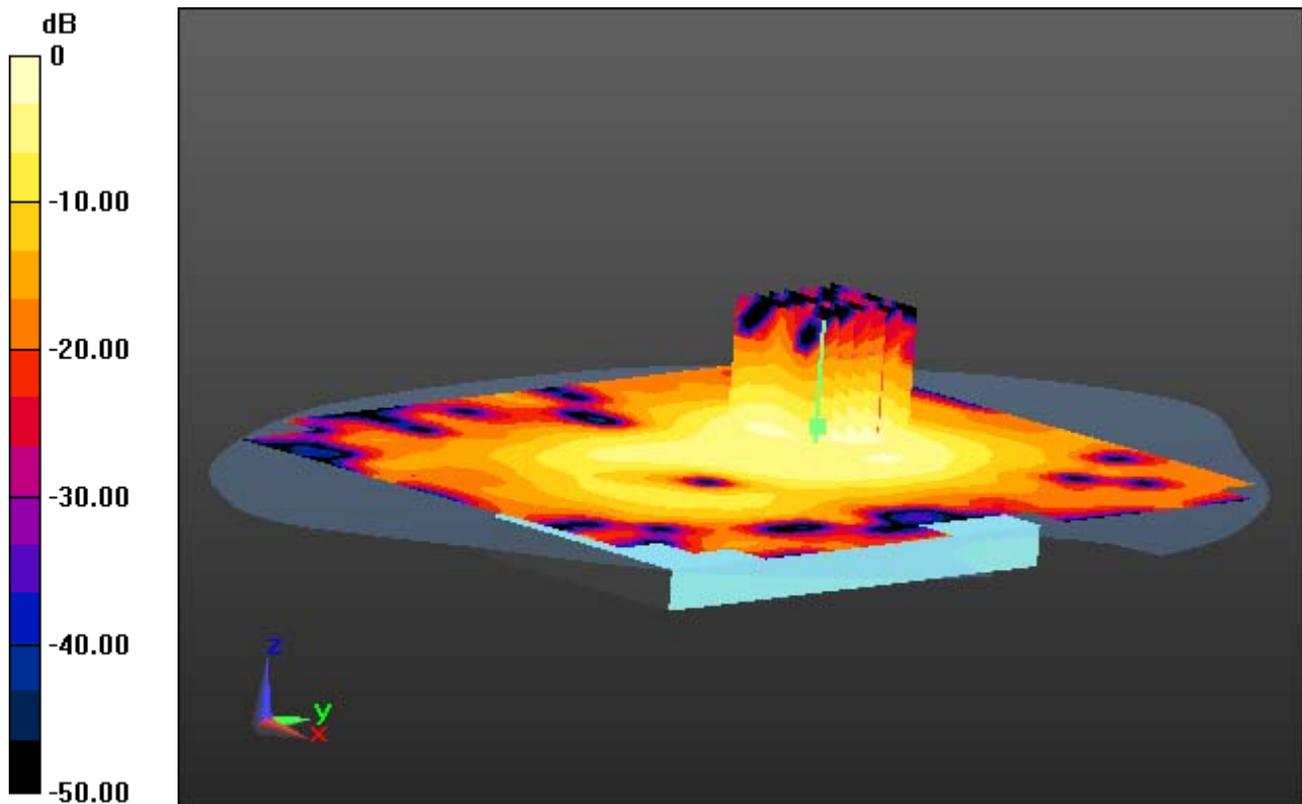
**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.345 mW/g

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.059 W/kg**



0 dB = 0.220 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.972$  mho/m;  $\epsilon_r = 54.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

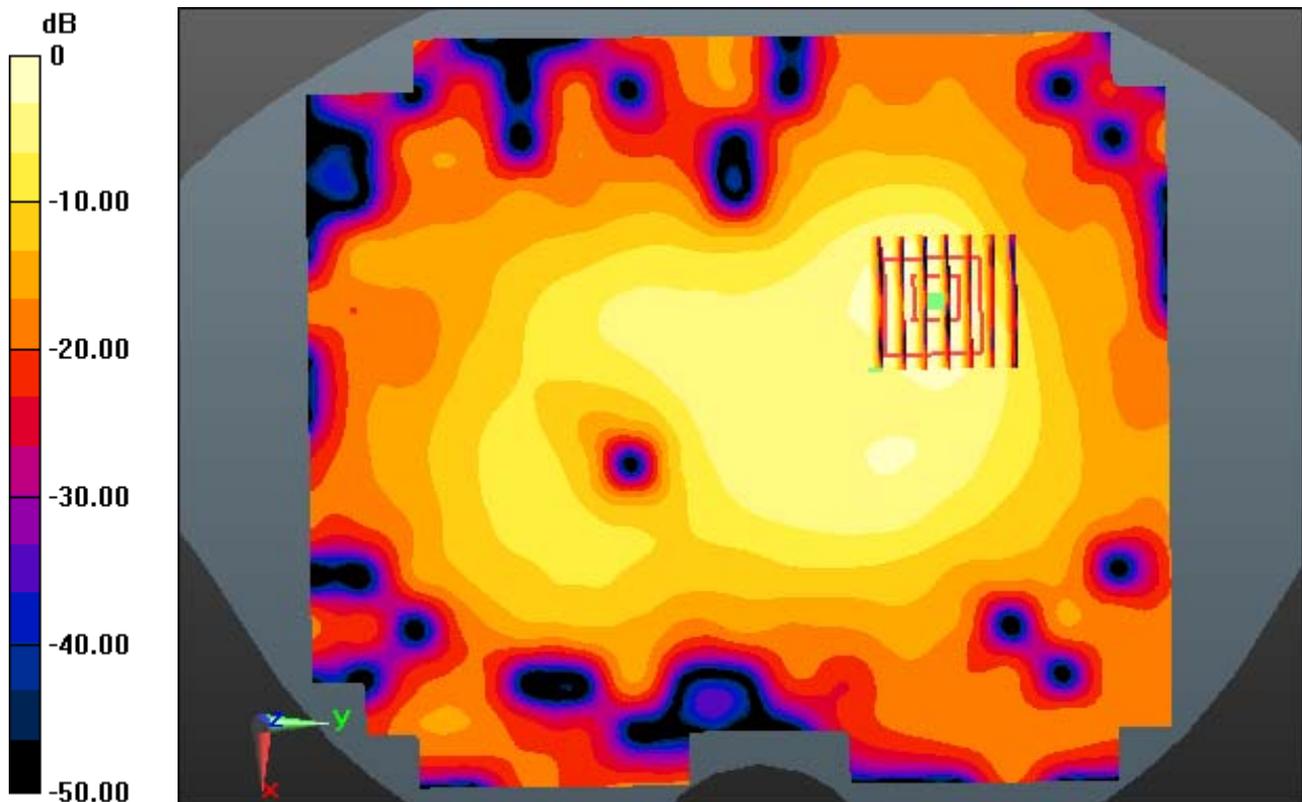
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal**

**With Enlarge plot image**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.345 mW/g  
**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.059 W/kg**



0 dB = 0.220 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

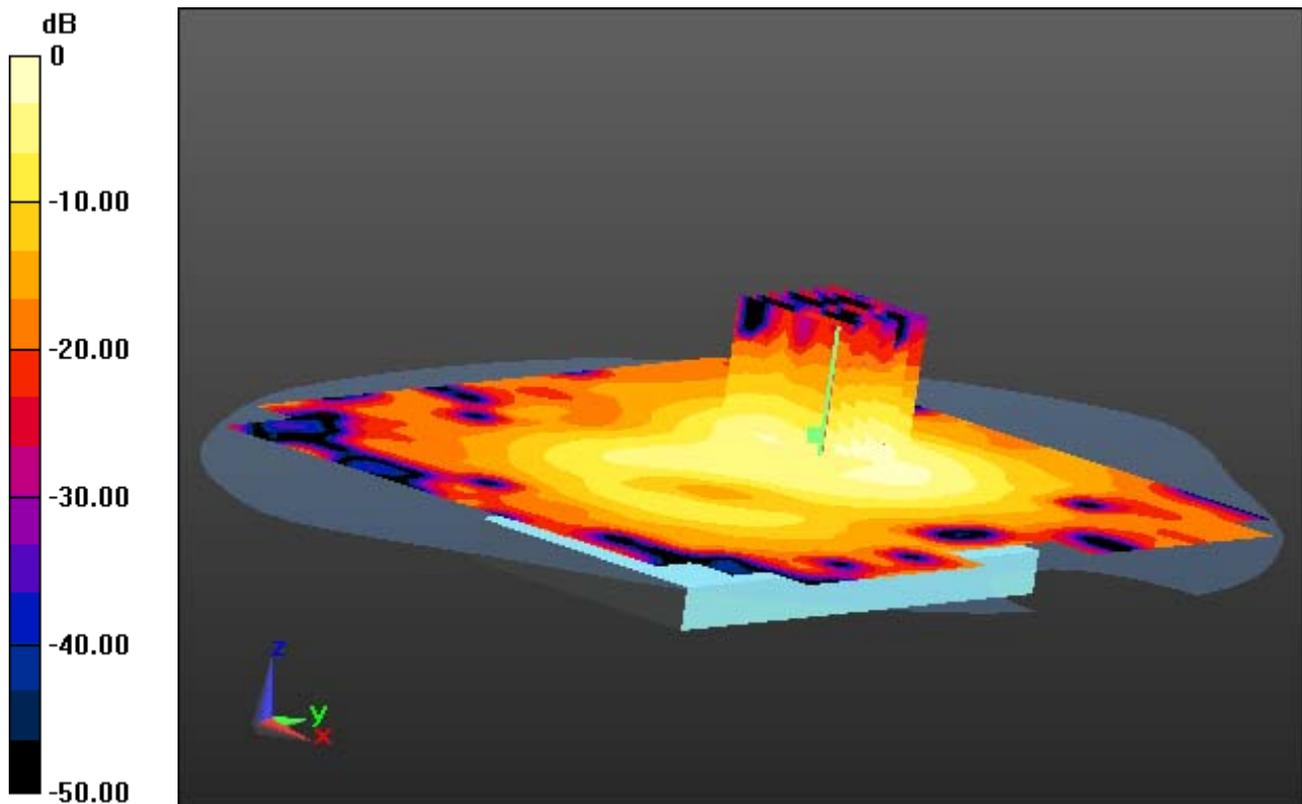
**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.414 mW/g

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.071 W/kg**



0 dB = 0.262 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

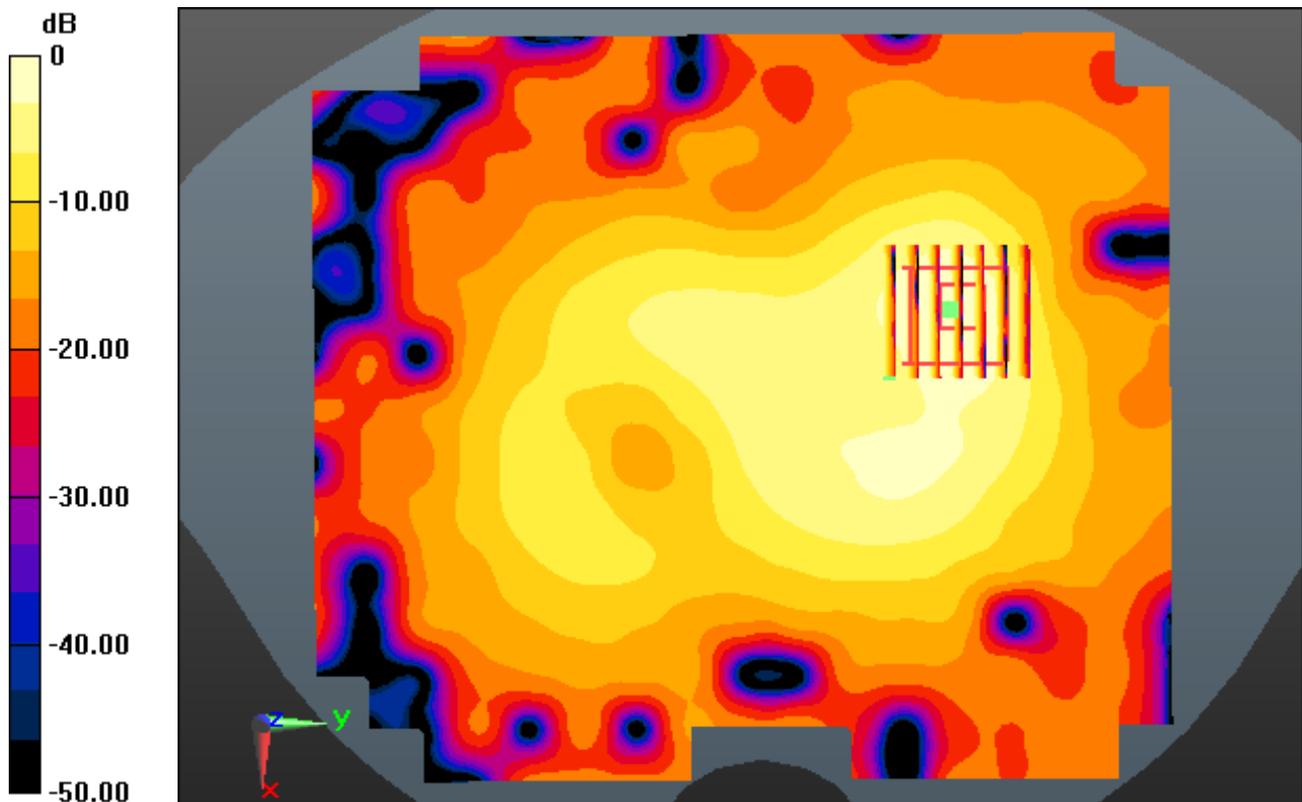
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal**

**With Enlarge plot image**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.414 mW/g  
**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.071 W/kg**



0 dB = 0.262 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Right, W-LAN(802.11b) Ch. 11, Ant Internal**

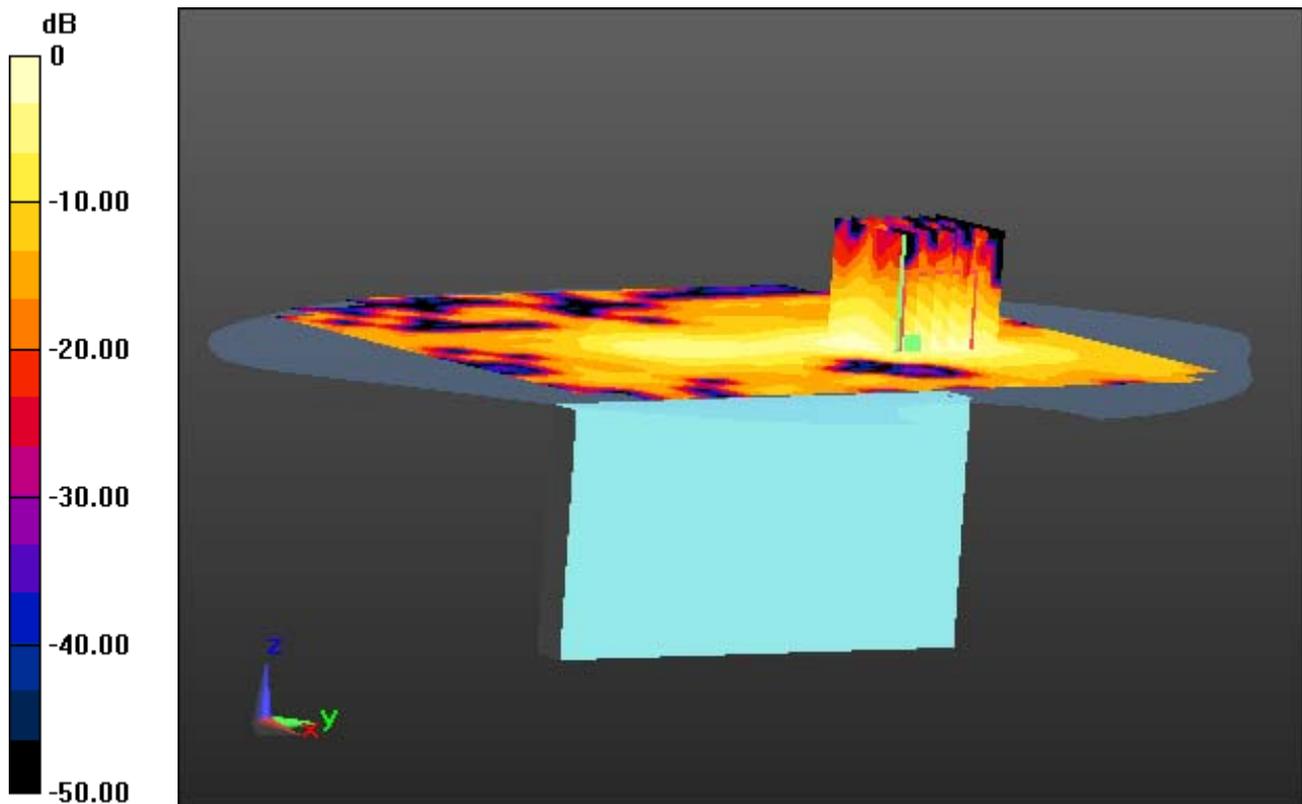
**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.205 mW/g

**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.040 W/kg**



0 dB = 0.134 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

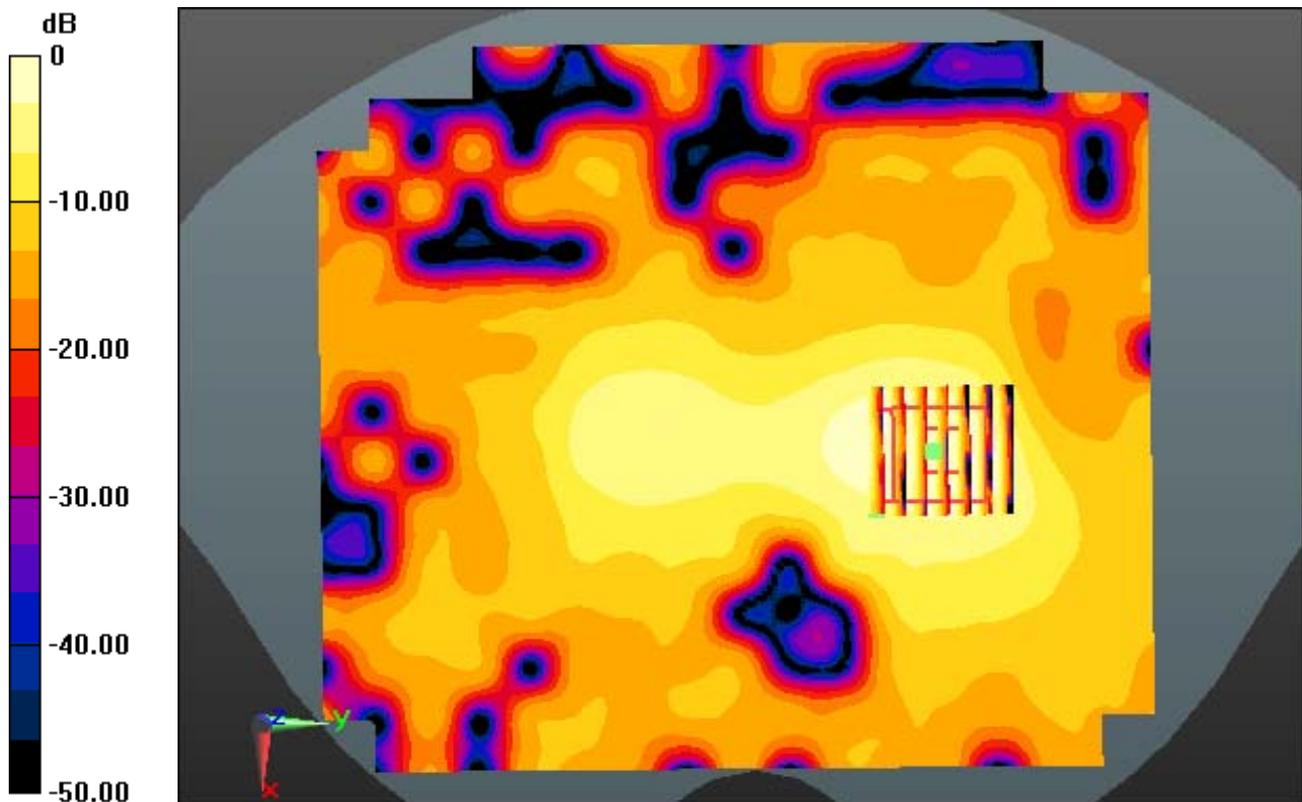
Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Right, W-LAN(802.11b) Ch. 11, Ant Internal**

**With Enlarge plot image**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.205 mW/g  
**SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.040 W/kg**



0 dB = 0.134 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-E460; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  mho/m;  $\epsilon_r = 54.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.97, 6.97, 6.97); Calibrated: 2012-06-20; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2013-02-07; Ambient Temp: 21.3; Tissue Temp: 21.5

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal**

**Area Scan (141x161x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.414 mW/g

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.071 W/kg**

