

## SAR Test Plots

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

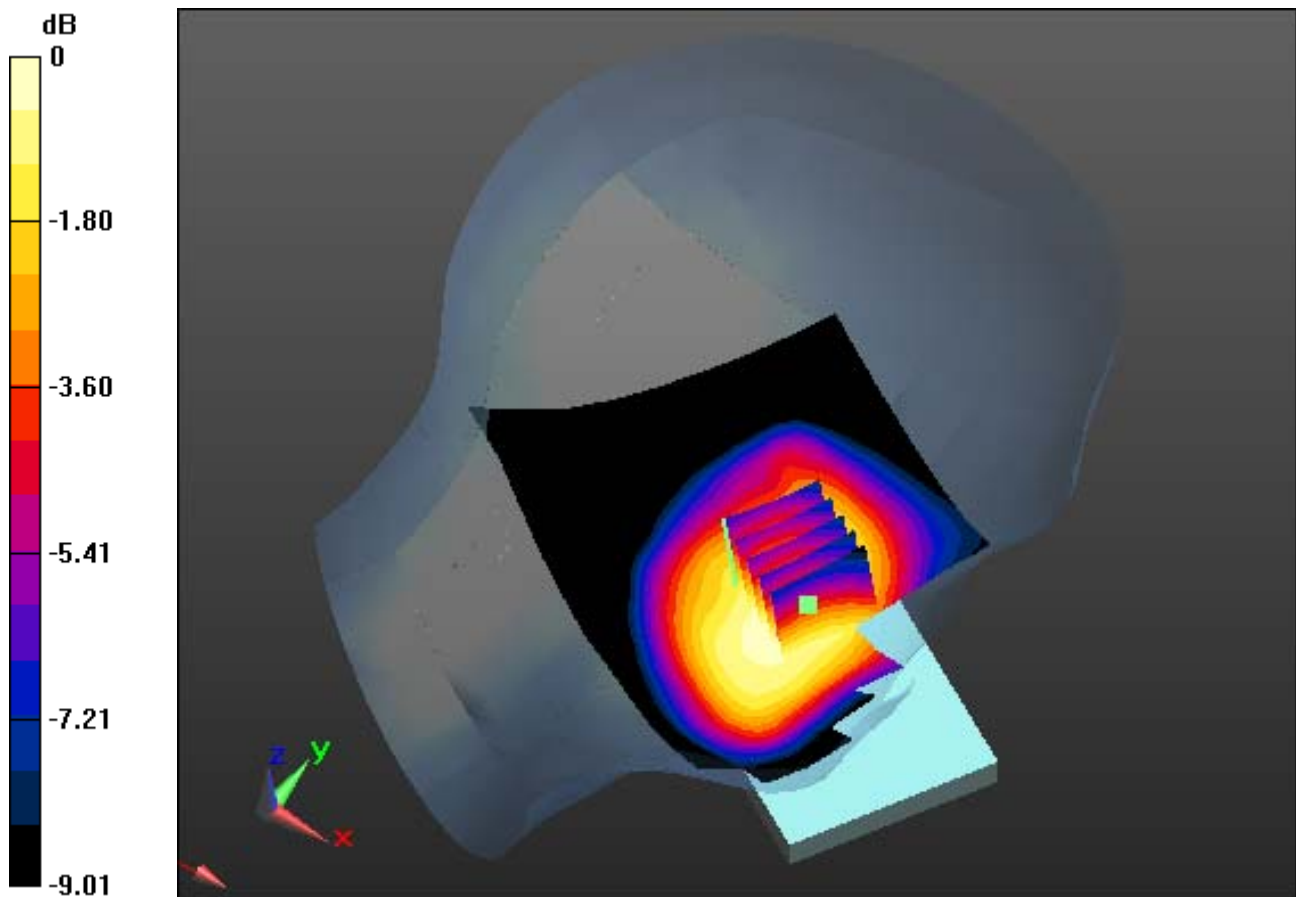
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**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 = 0.18 dB  
Peak SAR (extrapolated) = 0.256 mW/g  
**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.162 W/kg**



0 dB = 0.238 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

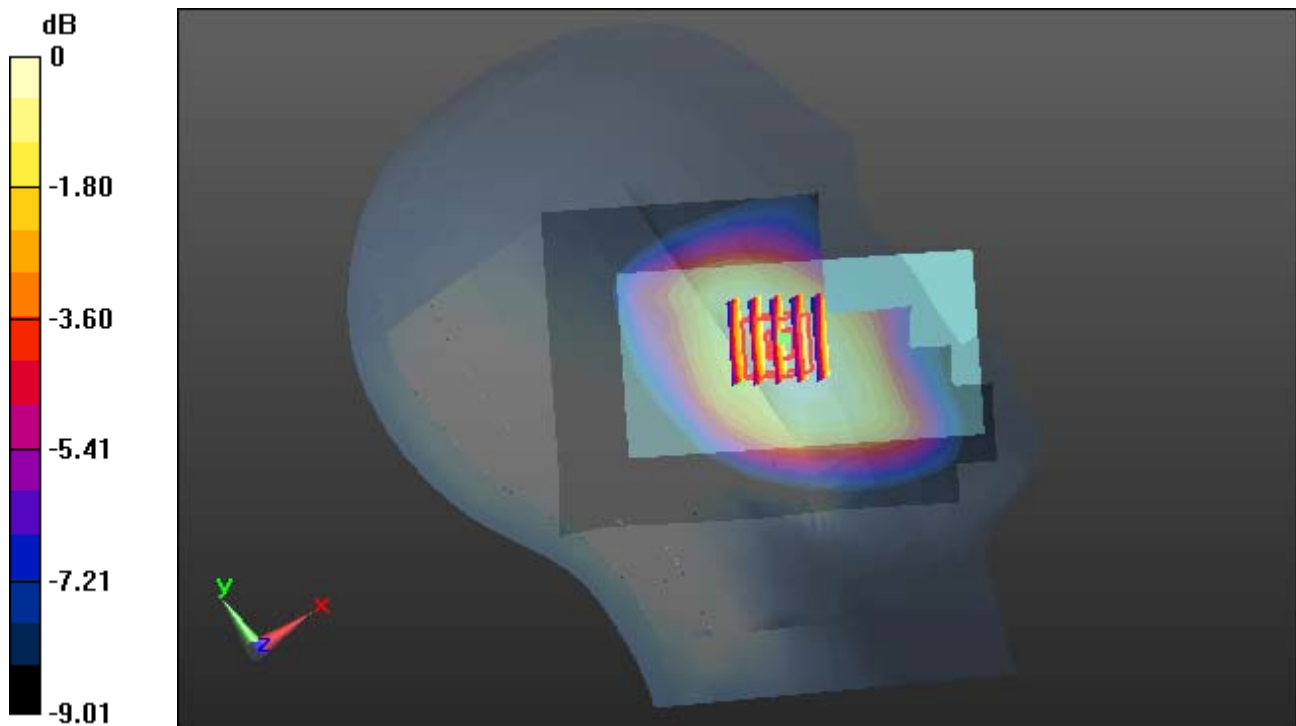
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Left Touch, GSM850 Ch. 190, Ant Internal, W/ Device Location**

**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 0.256 mW/g  
**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.162 W/kg**



0 dB = 0.238 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

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

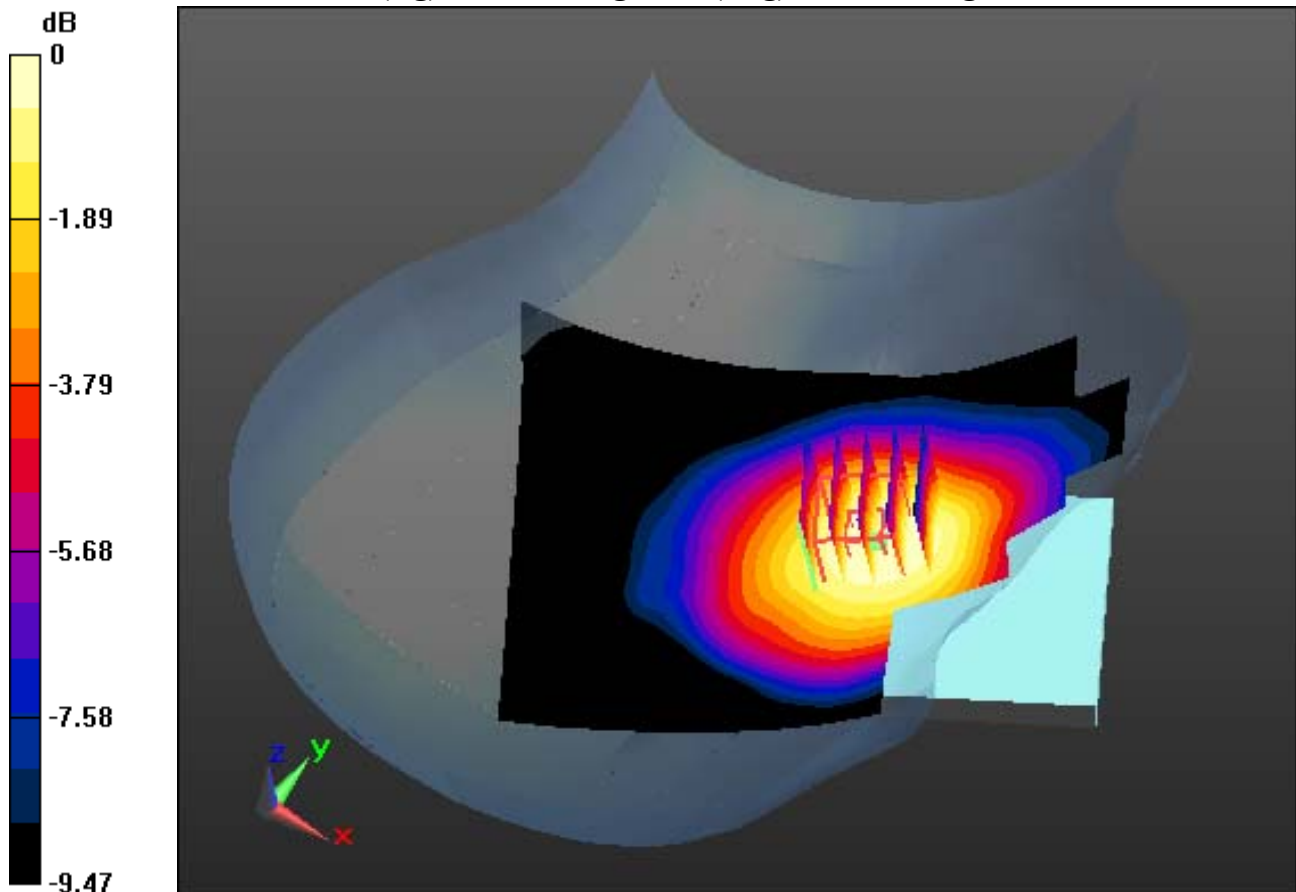
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.328 mW/g

**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.199 W/kg**



0 dB = 0.293 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

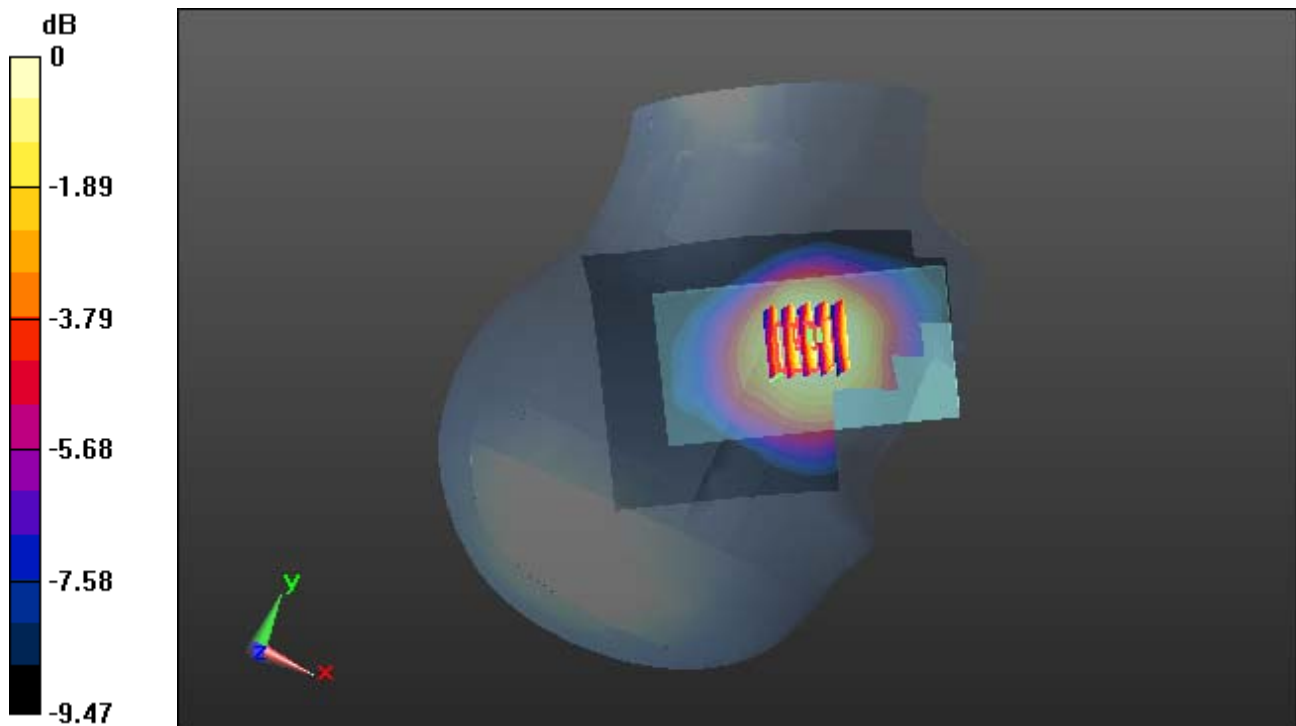
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Touch, GSM850 Ch. 190, Ant Internal, W/ Device Location**

**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) = 0.328 mW/g  
**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.199 W/kg**



0 dB = 0.293 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

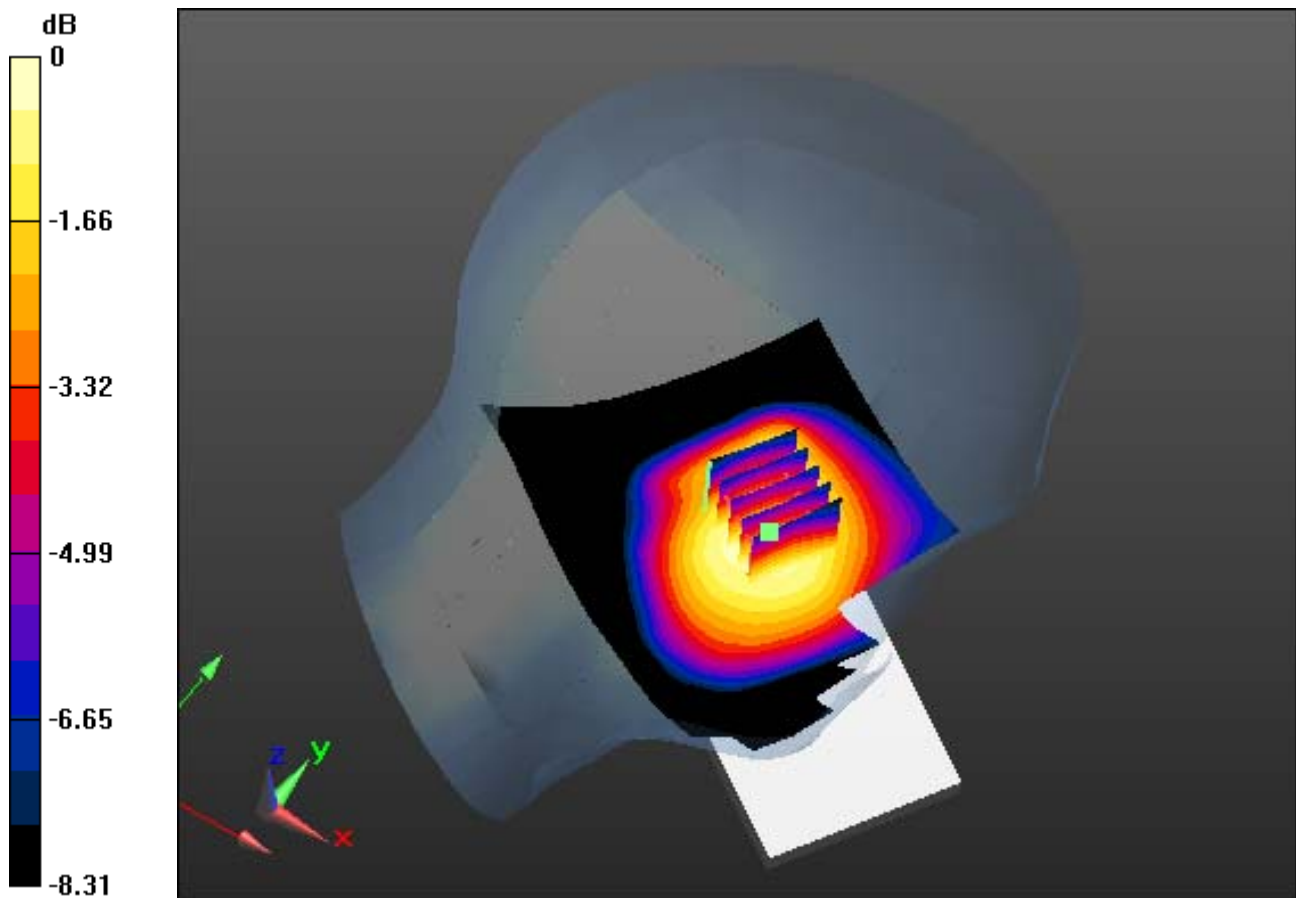
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **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 = 0.19 dB  
Peak SAR (extrapolated) = 0.164 mW/g  
**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.103 W/kg**



0 dB = 0.151 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

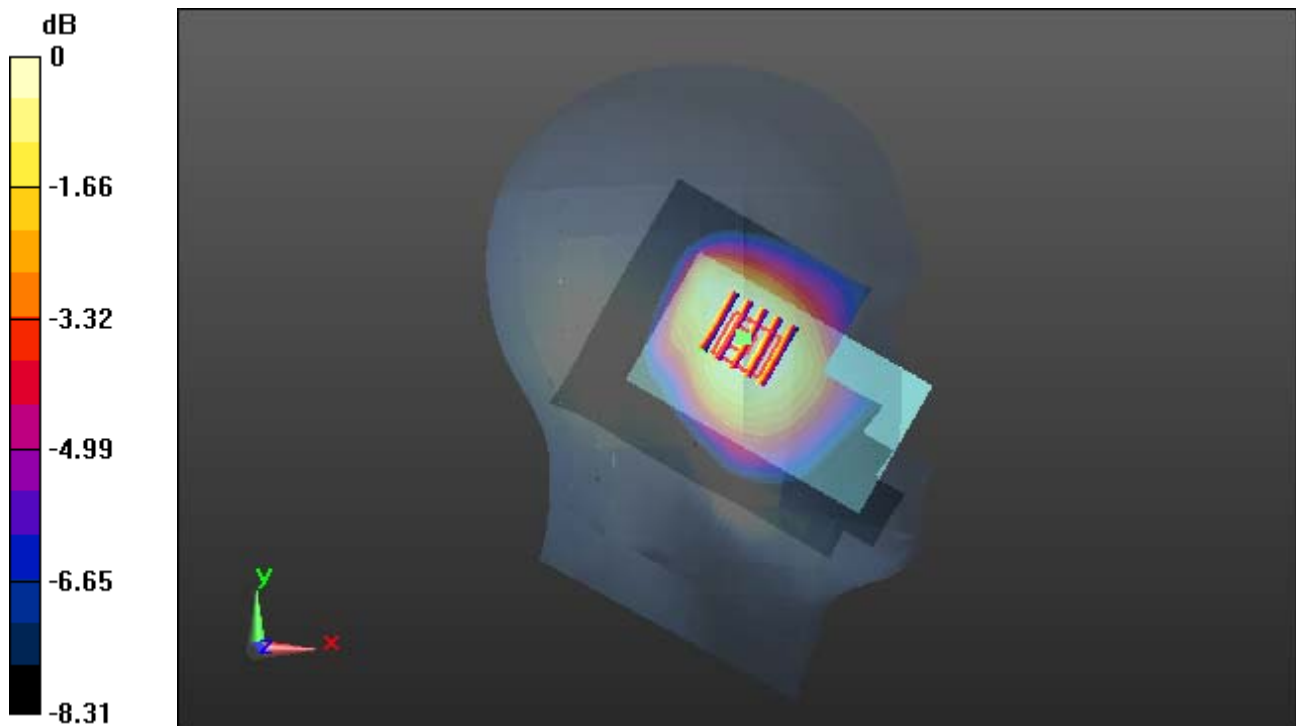
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Left Tilt, GSM850 Ch. 190, Ant Internal, W/ Device Location**

**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 0.164 mW/g  
**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.103 W/kg**



0 dB = 0.151 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

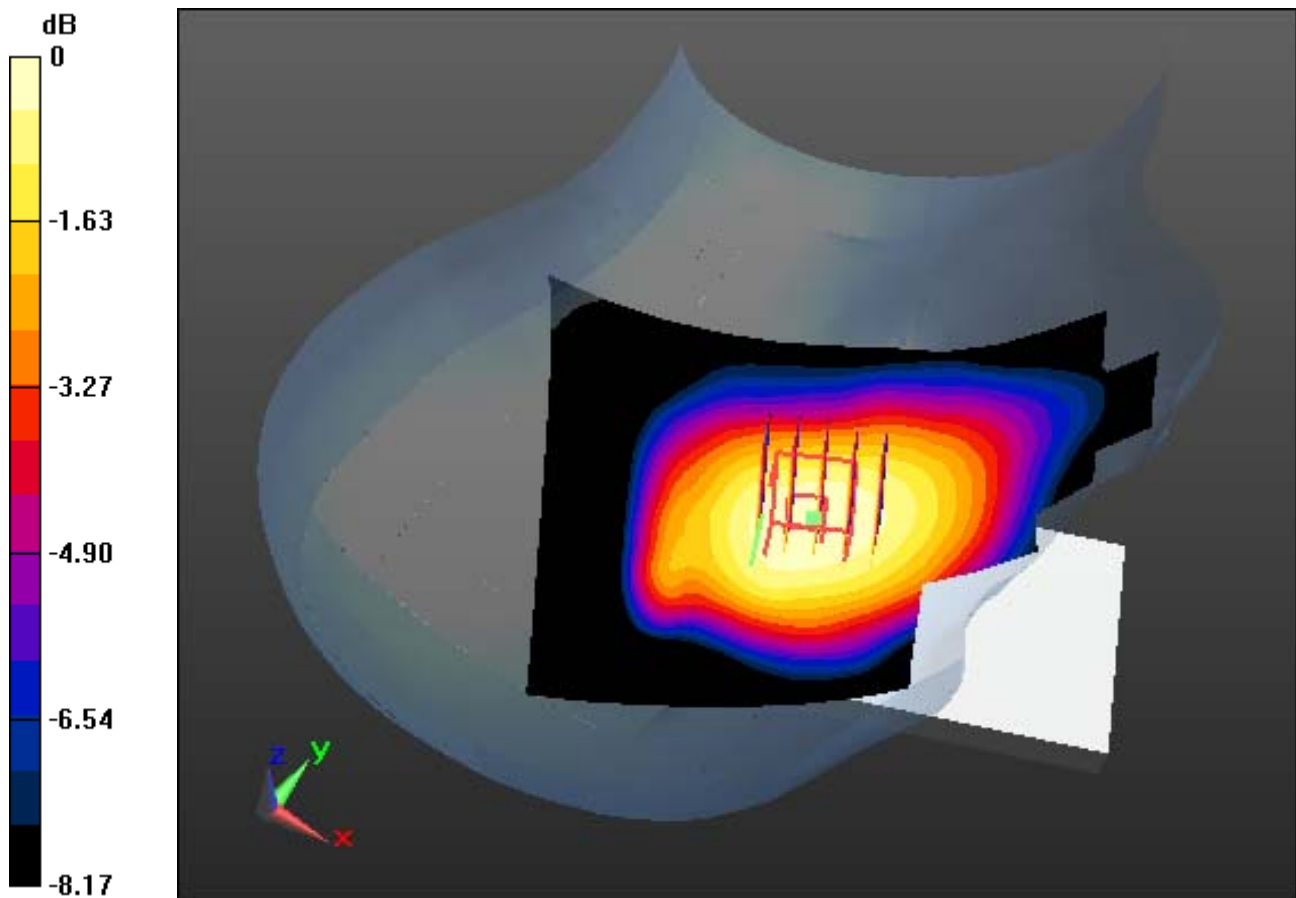
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **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 = -0.16 dB  
Peak SAR (extrapolated) = 0.158 mW/g  
**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.100 W/kg**



0 dB = 0.144 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

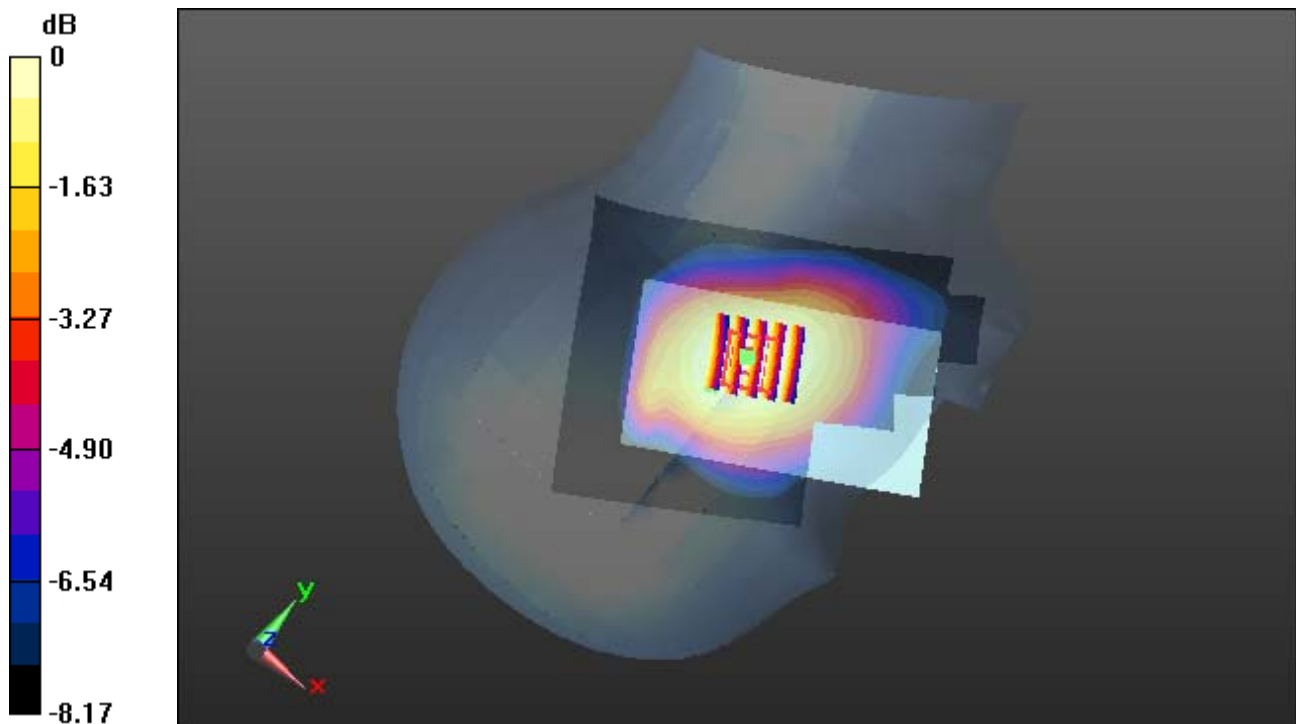
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Tilt, GSM850 Ch. 190, Ant Internal, W/ Device Location**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.16 dB  
Peak SAR (extrapolated) = 0.158 mW/g  
**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.100 W/kg**



0 dB = 0.144 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**Left Touch, GSM850 GPRS Class 11 Ch. 190, Ant Internal, Standard Battery**

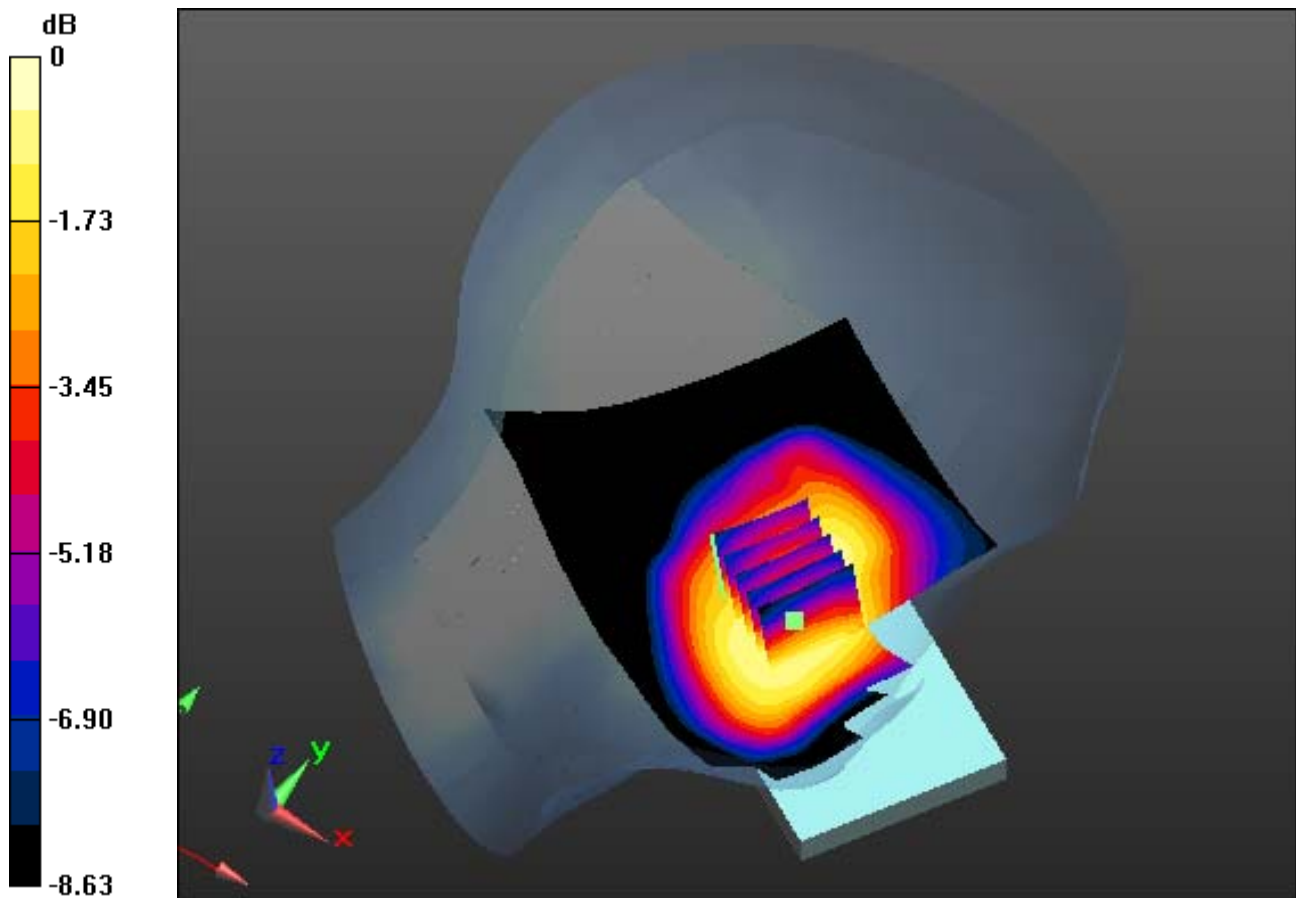
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.403 mW/g

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.237 W/kg



0 dB = 0.351 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Left Touch, GSM850 GPRS Class 11 Ch. 190, Ant Internal, W/ Device Location**

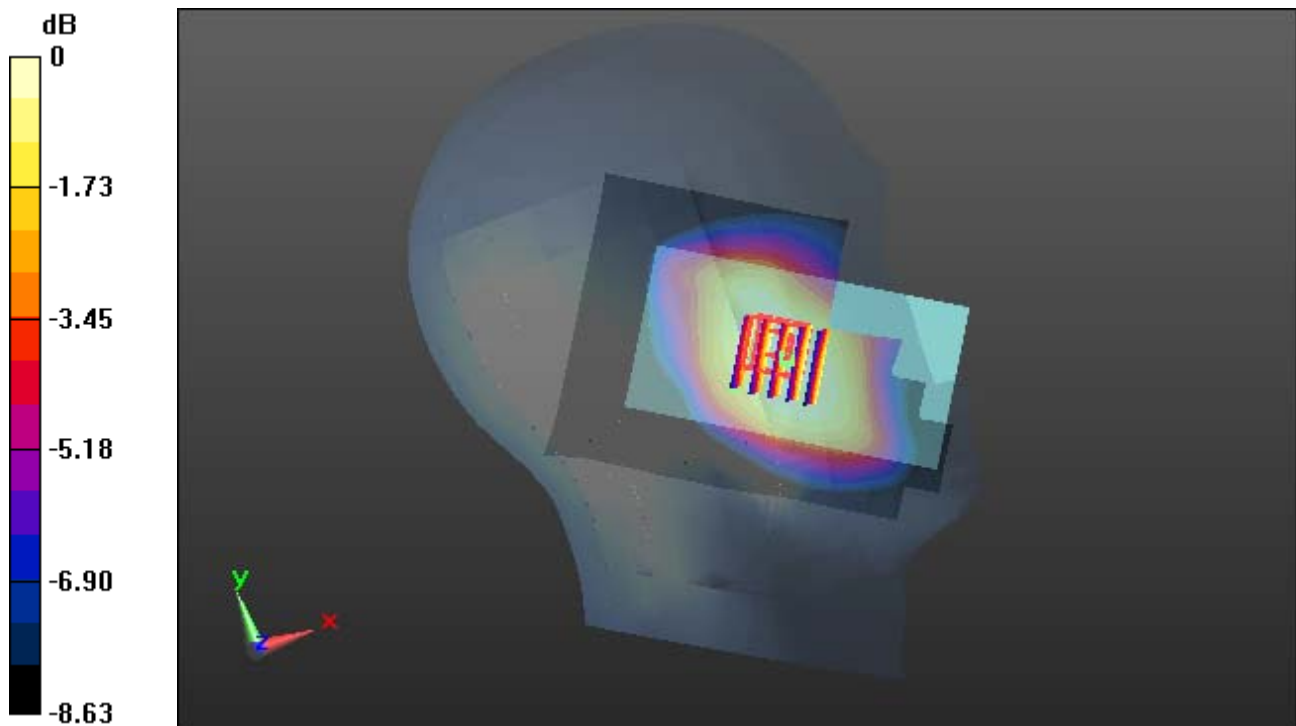
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.403 mW/g

**SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.237 W/kg**



0 dB = 0.351 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**Right Touch, GSM850 GPRS Class 8 Ch. 190, Ant Internal, Standard Battery**

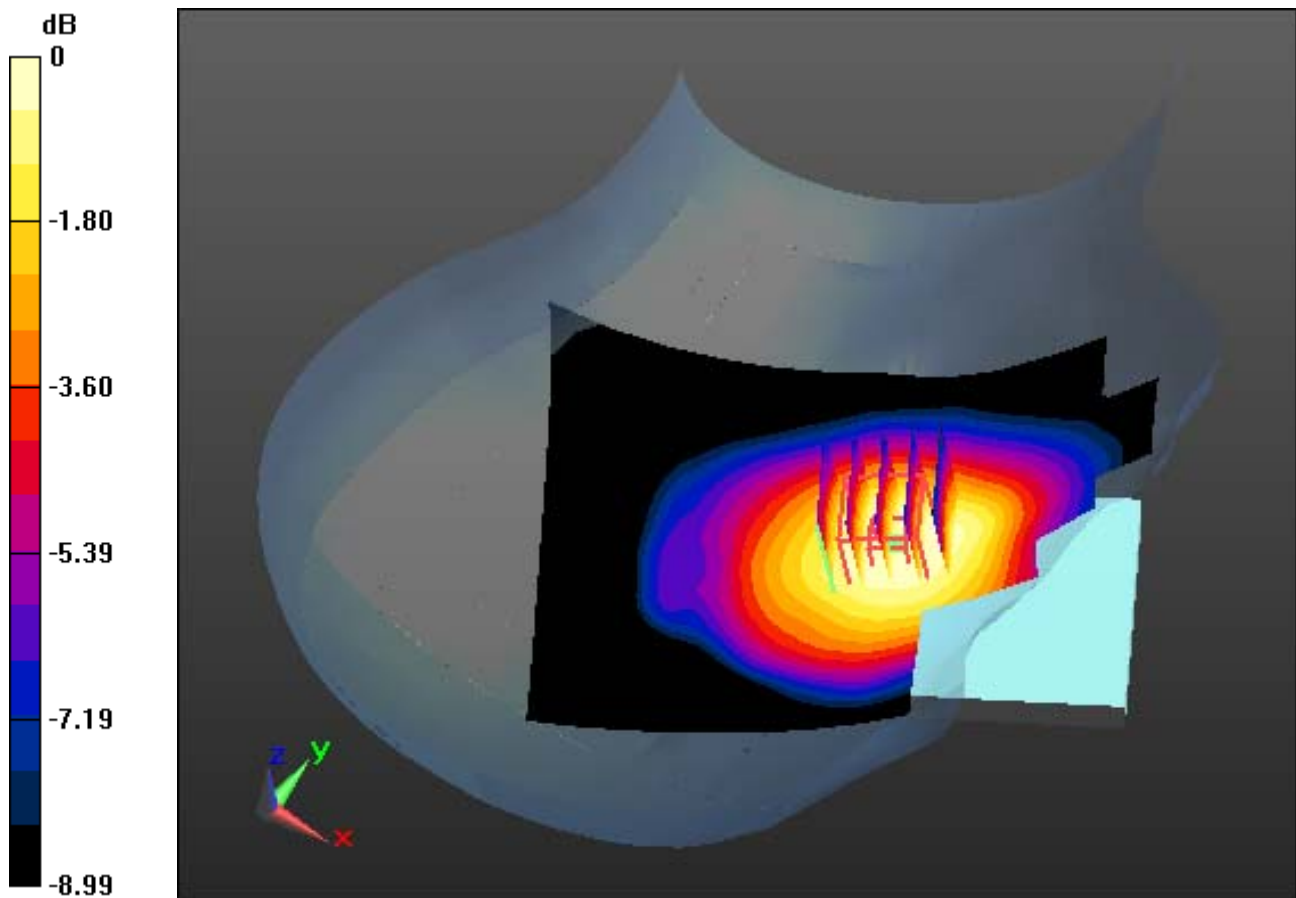
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.271 mW/g

**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.179 W/kg**



0 dB = 0.259 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

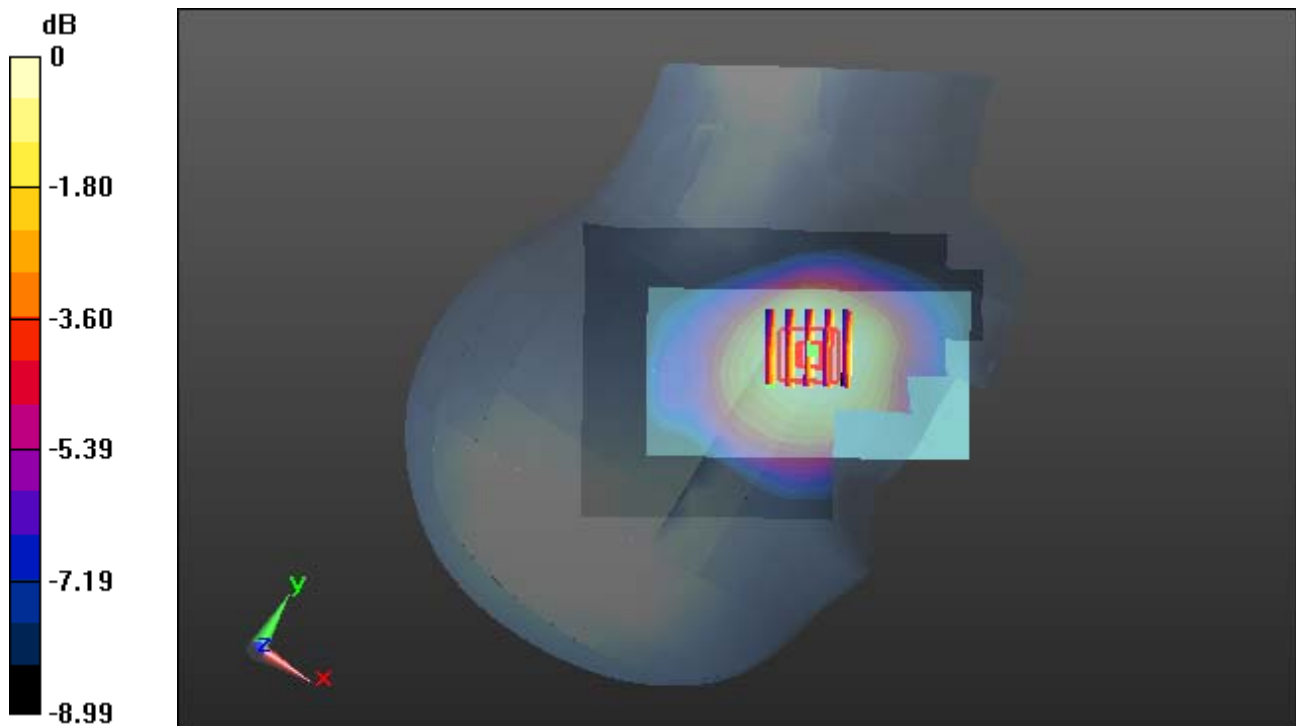
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Touch, GSM850 GPRS Class 8 Ch. 190, Ant Internal, W/ Device Location**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.271 mW/g  
**SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.179 W/kg**



0 dB = 0.259 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**Right Touch, GSM850 GPRS Class 10 Ch. 190, Ant Internal, Standard Battery**

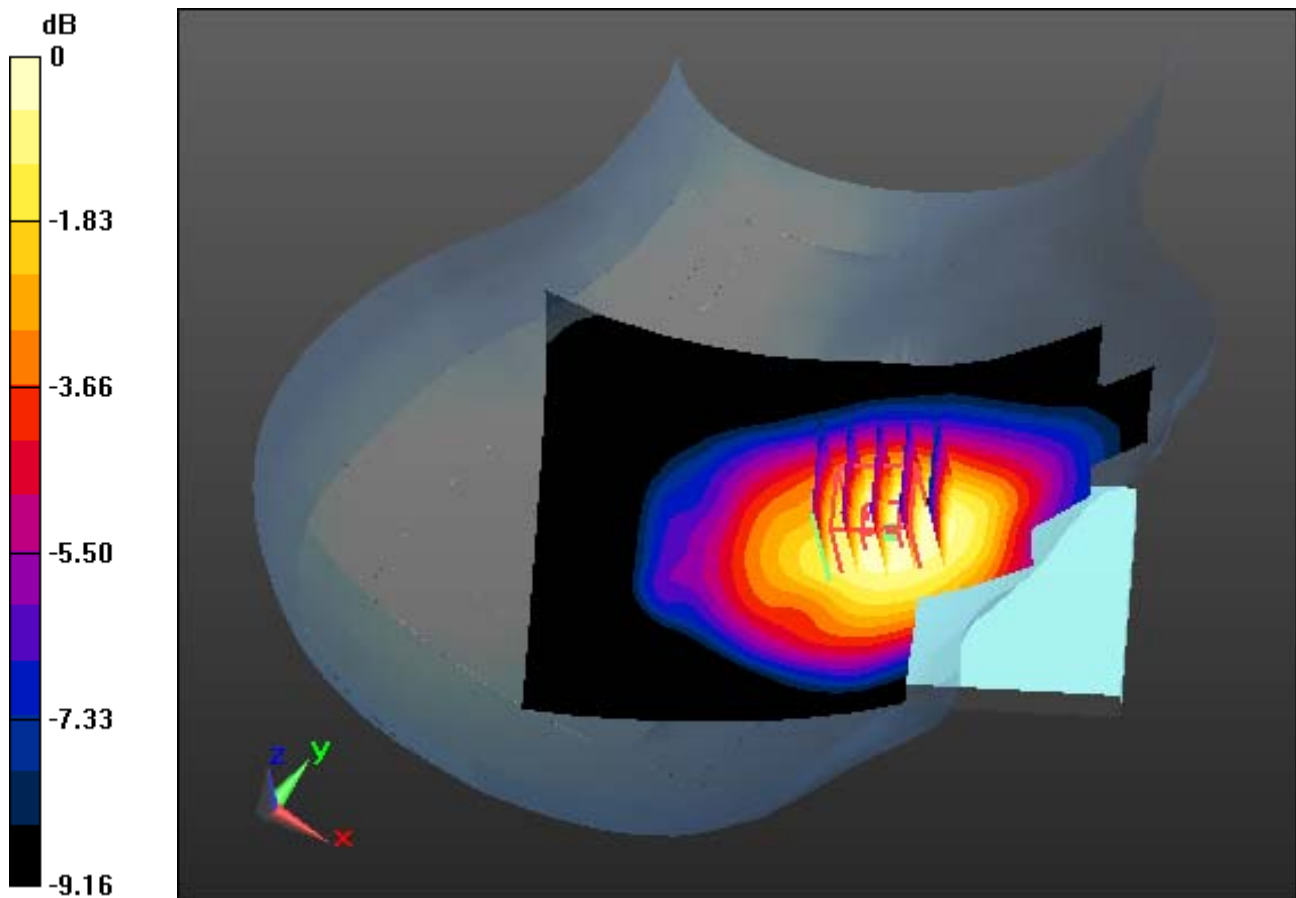
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.382 mW/g

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.240 W/kg**



0 dB = 0.356 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_10; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Touch, GSM850 GPRS Class 10 Ch. 190, Ant Internal, W/ Device Location**

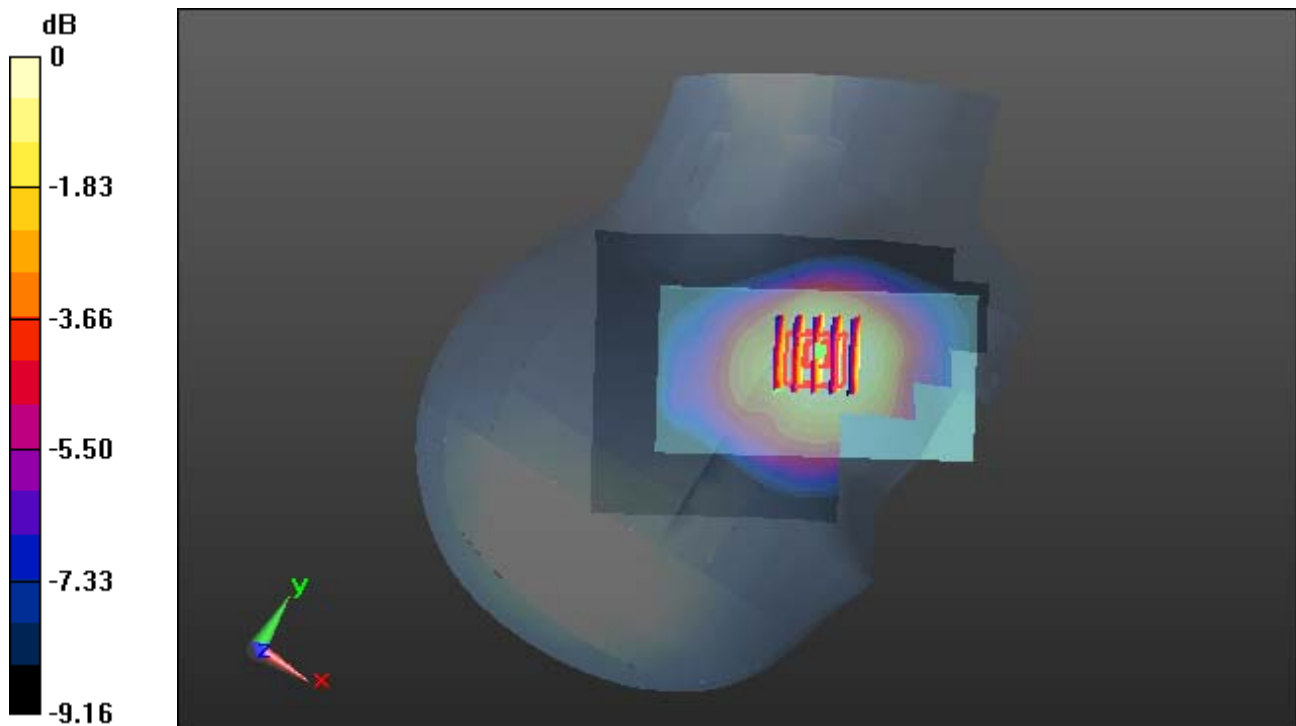
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.382 mW/g

**SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.240 W/kg**



0 dB = 0.356 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

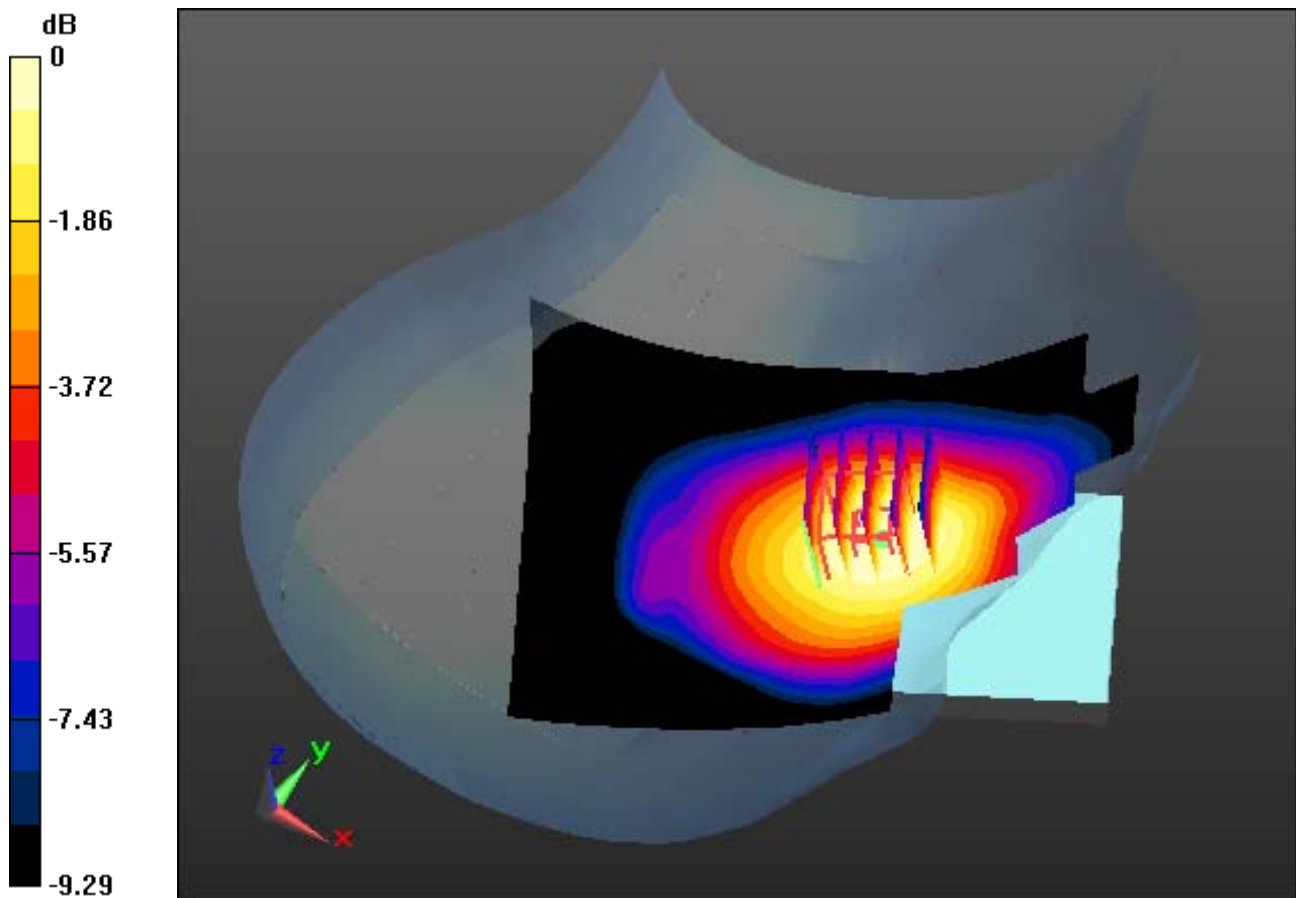
**Right Touch, GSM850 GPRS Class 11 Ch. 190, Ant Internal, Standard Battery**

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

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.461 mW/g

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.287 W/kg**



0 dB = 0.419 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Touch, GSM850 GPRS Class 11 Ch. 190, Ant Internal, W/ Device Location**

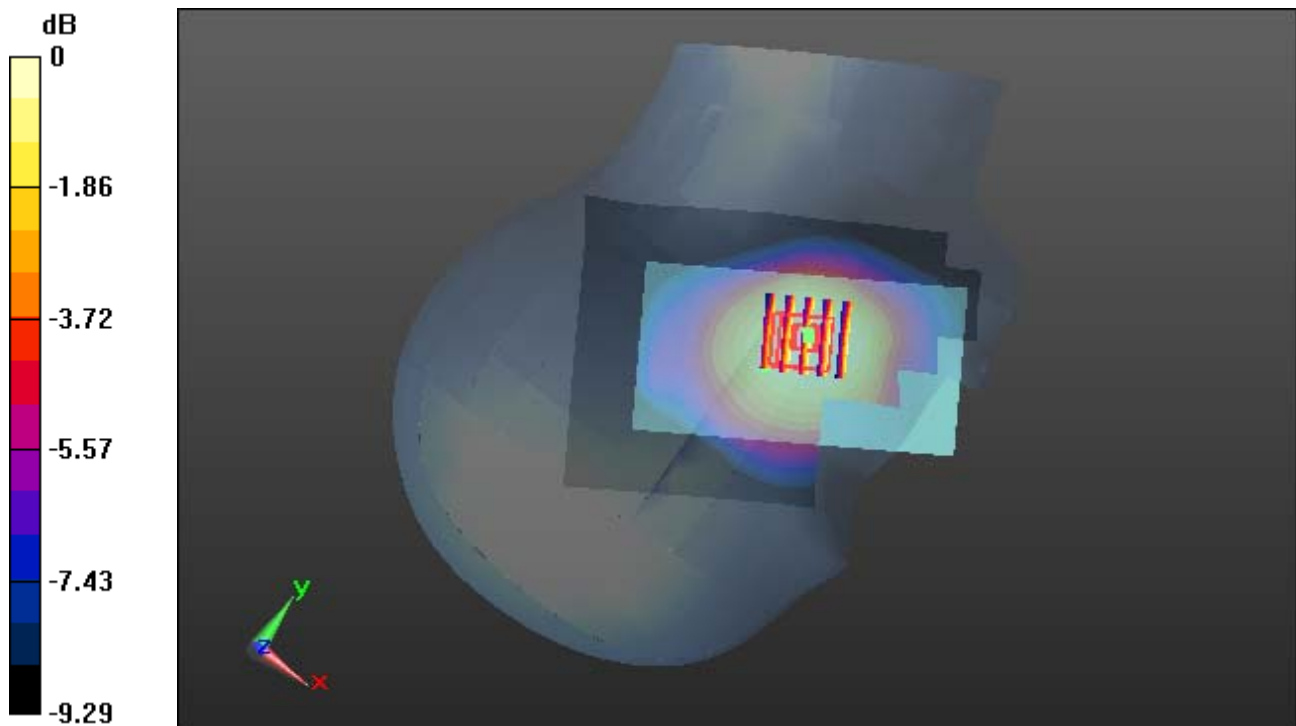
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.461 mW/g

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.287 W/kg**



0 dB = 0.419 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**Right Touch, GSM850 GPRS Class 12 Ch. 190, Ant Internal, Standard Battery**

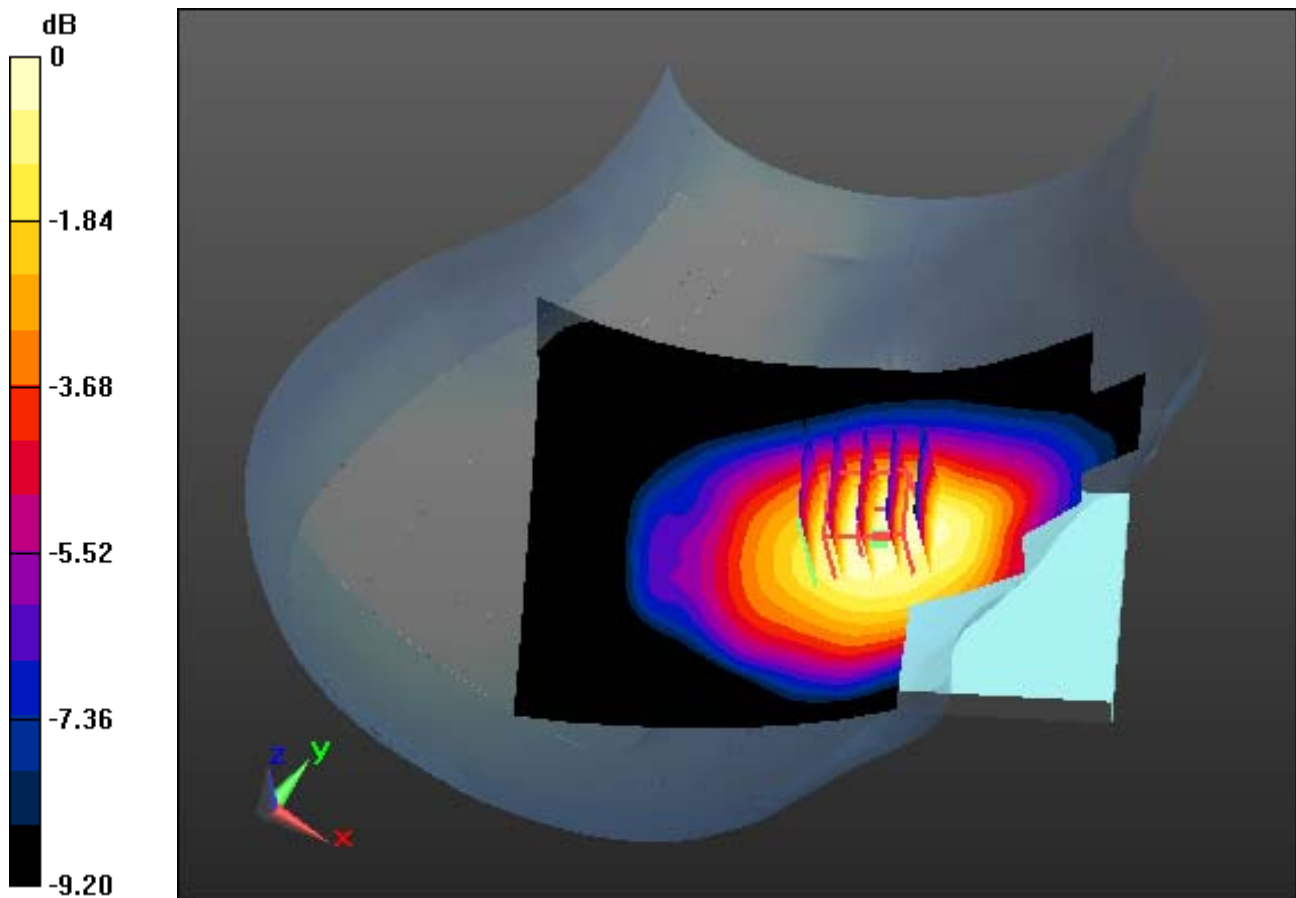
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.382 mW/g

SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.241 W/kg



0 dB = 0.355 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_12; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

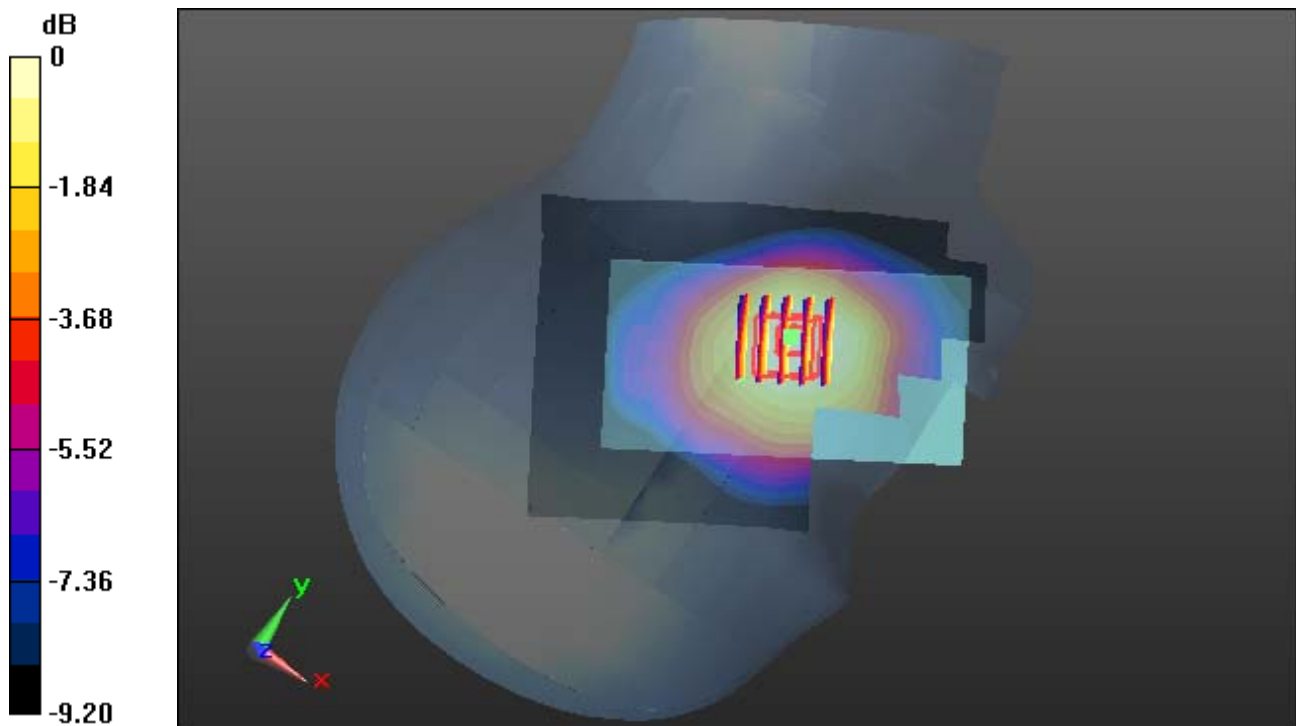
## **DASY5 Configuration:**

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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Touch, GSM850 GPRS Class 12 Ch. 190, Ant Internal, W/ Device Location**

**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) = 0.382 mW/g  
**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.241 W/kg**



0 dB = 0.355 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**Left Tilt, GSM850 GPRS Class 11 Ch. 190, Ant Internal, Standard Battery**

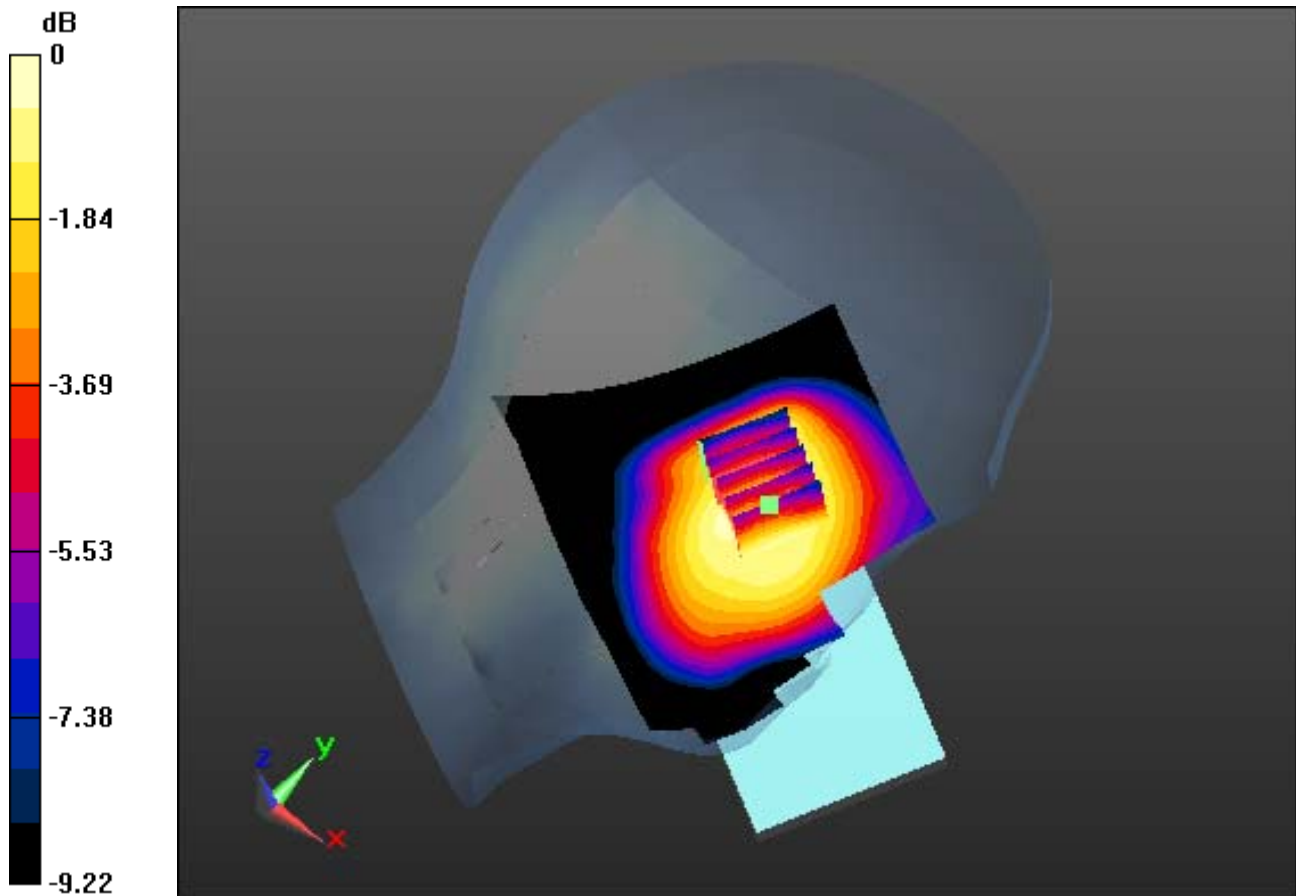
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.235 mW/g

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.149 W/kg



0 dB = 0.218 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Left Tilt, GSM850 GPRS Class 11 Ch. 190, Ant Internal, W/ Device Location**

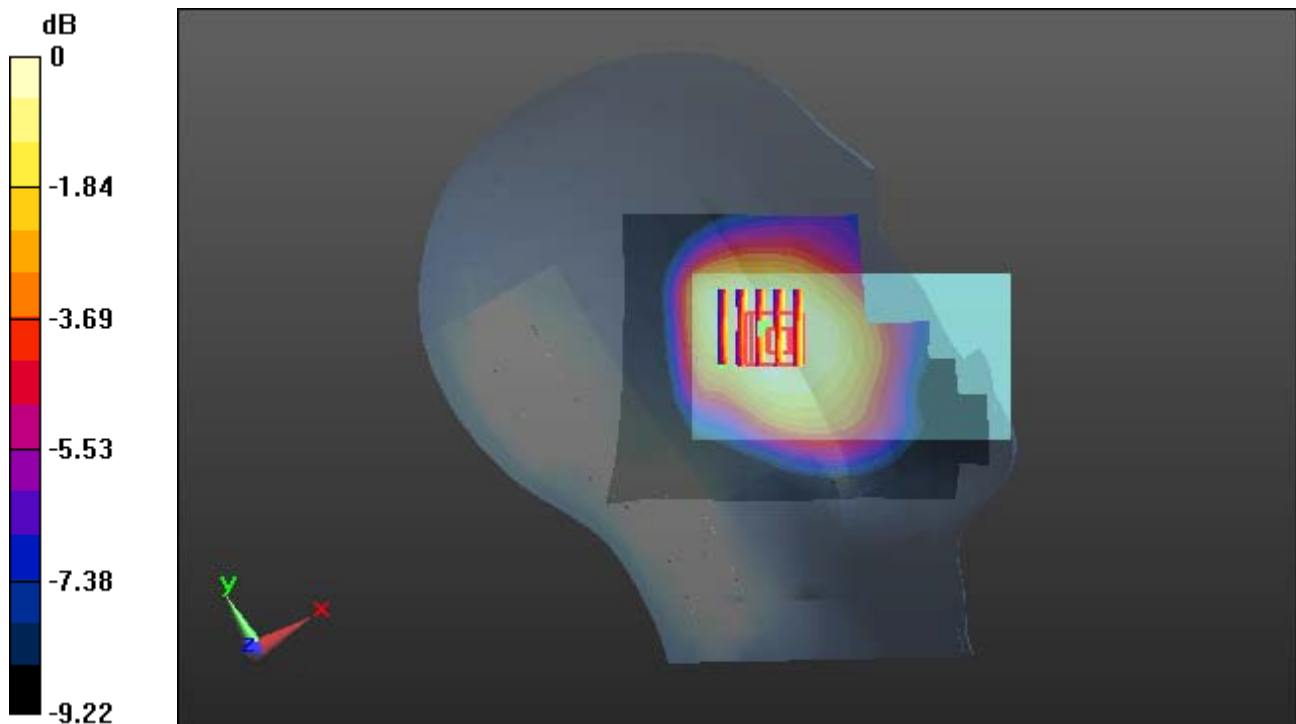
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.235 mW/g

**SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.149 W/kg**



0 dB = 0.218 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

**Right Tilt, GSM850 GPRS Class 11 Ch. 190, Ant Internal, Standard Battery**

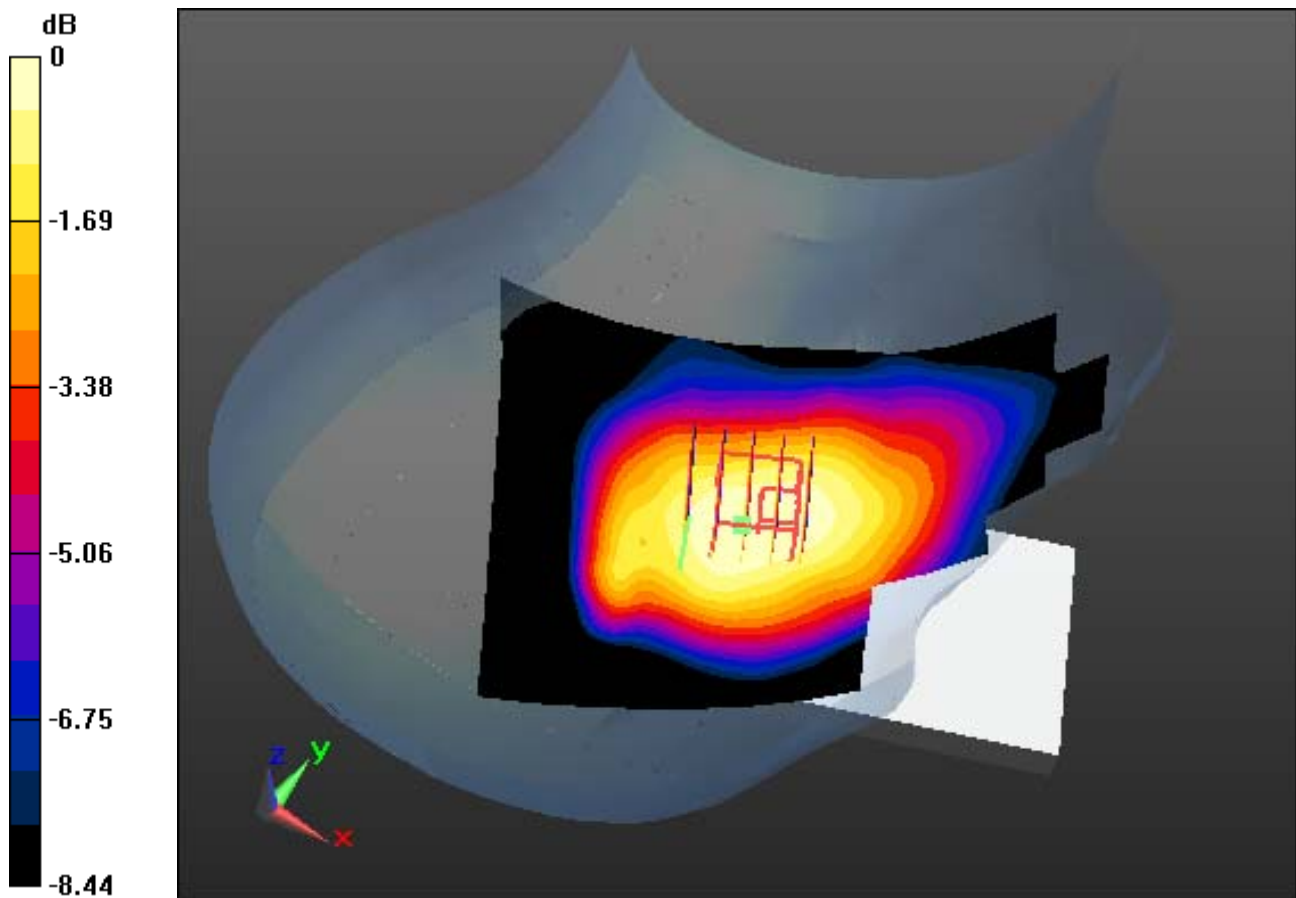
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.248 mW/g

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.154 W/kg



0 dB = 0.224 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: GSM 850\_11; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 42.406$ ;  $\rho = 1000$  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: 2012-08-20; Ambient Temp: 22.6; Tissue Temp: 22.7

## **Right Tilt, GSM850 GPRS Class 11 Ch. 190, Ant Internal, W/ Device Location**

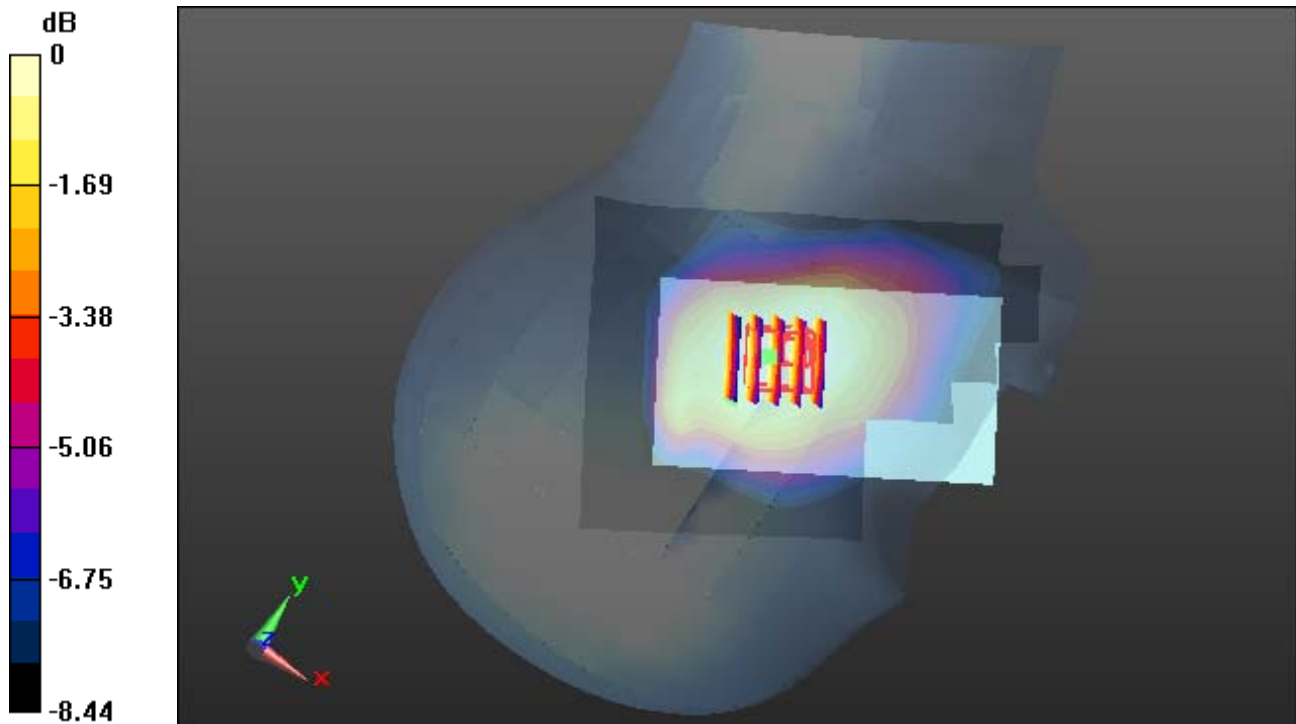
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.248 mW/g

**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.154 W/kg**



0 dB = 0.224 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

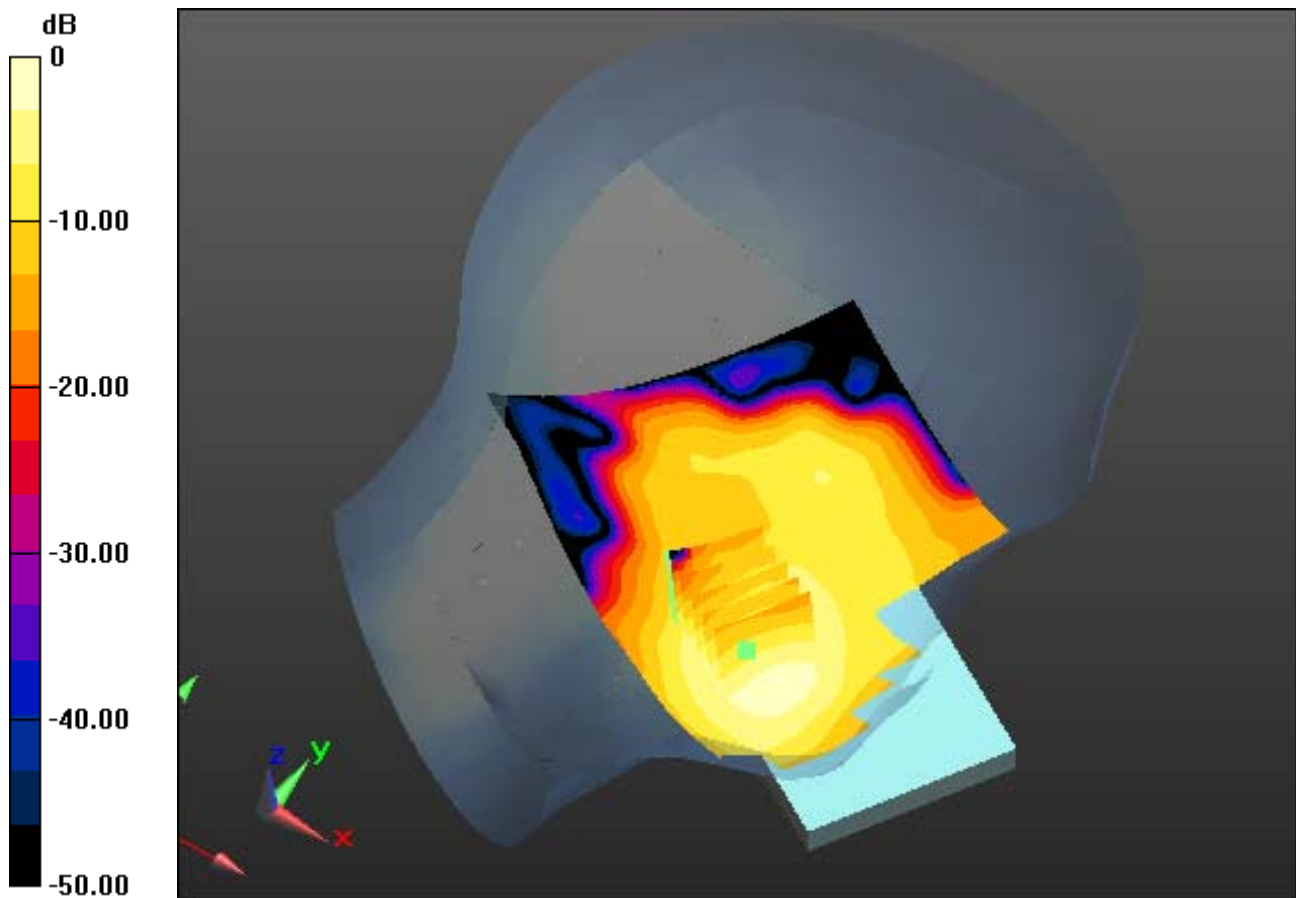
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Left Touch, PCS1900 Ch. 661, 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) = 0.470 mW/g  
**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.162 W/kg**



0 dB = 0.373 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

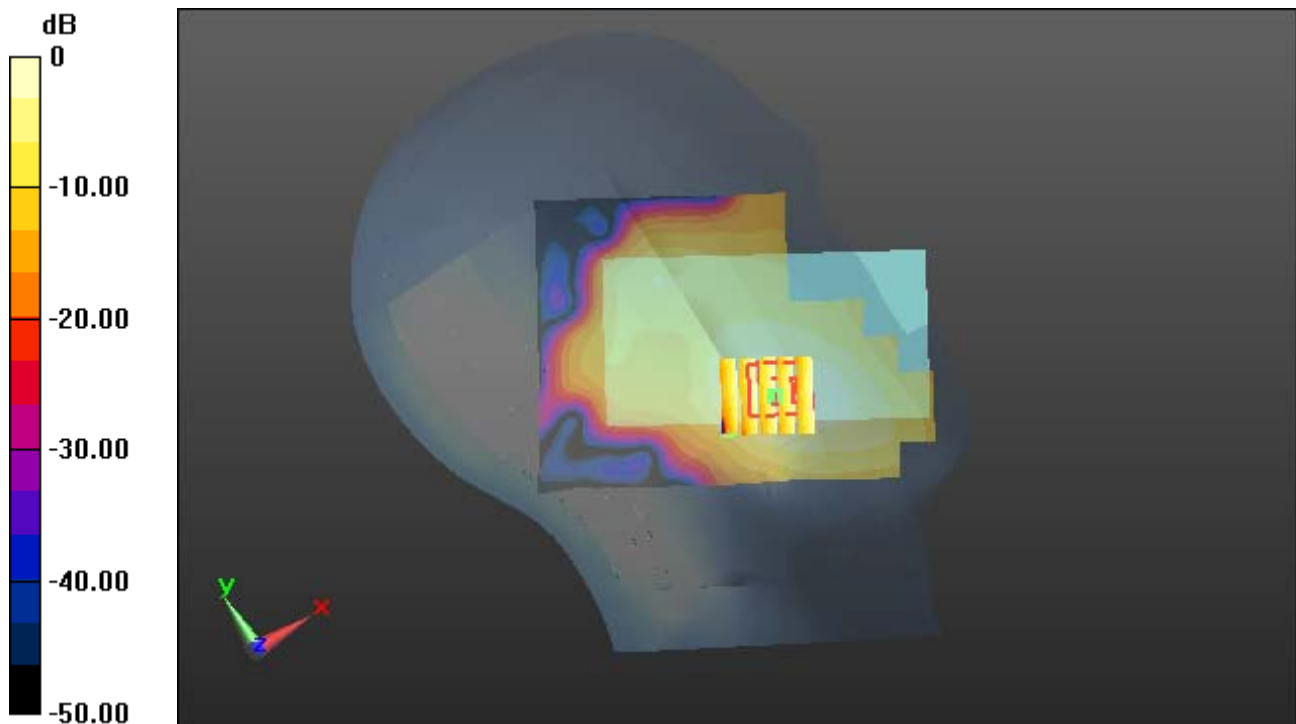
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Touch, PCS1900 Ch. 661, Ant Internal, W/ Device Location**

**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) = 0.470 mW/g  
**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.162 W/kg**



0 dB = 0.373 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

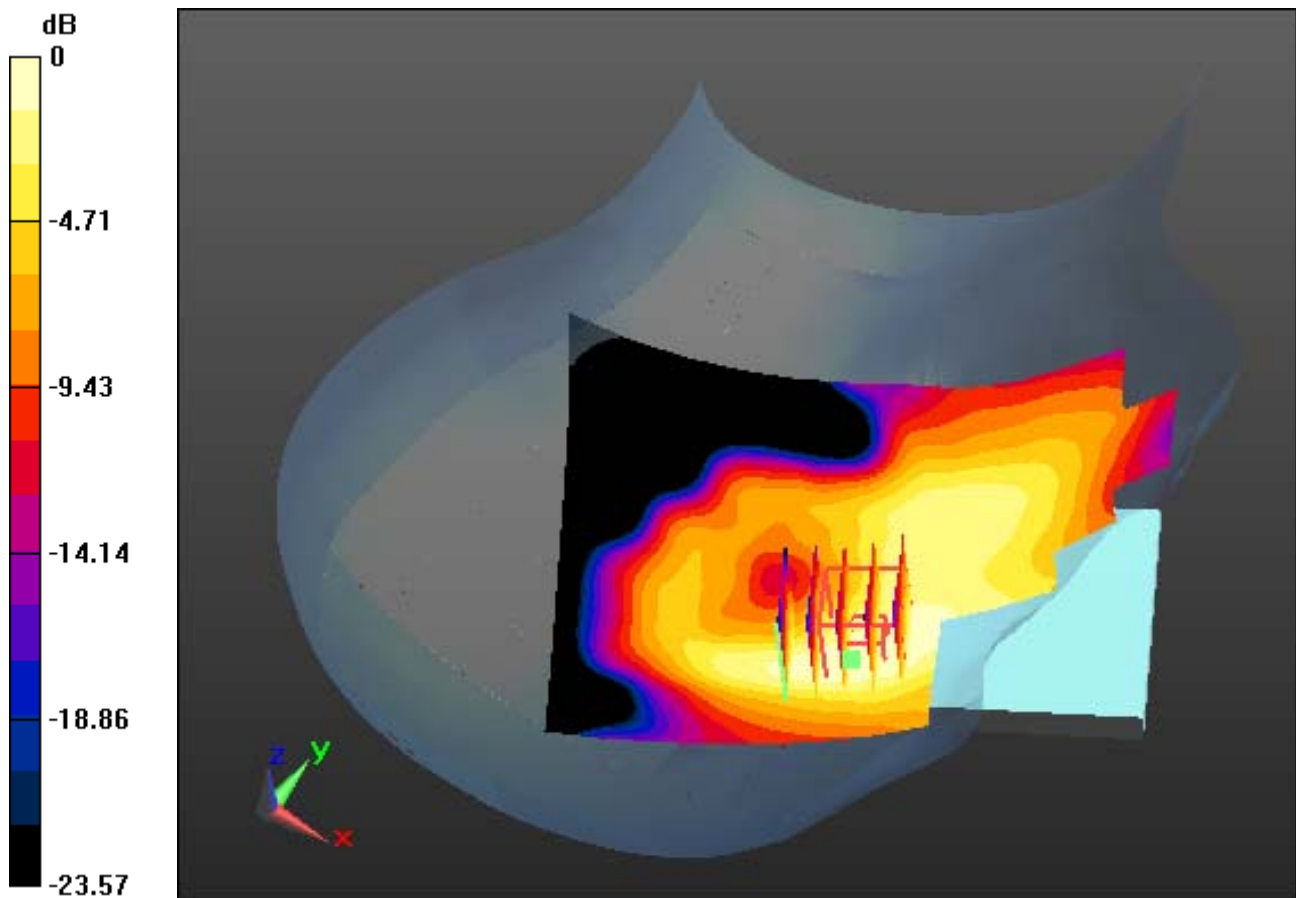
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Right Touch, PCS1900 Ch. 661, 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 = -0.06 dB  
Peak SAR (extrapolated) = 0.226 mW/g  
**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.083 W/kg**



0 dB = 0.179 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

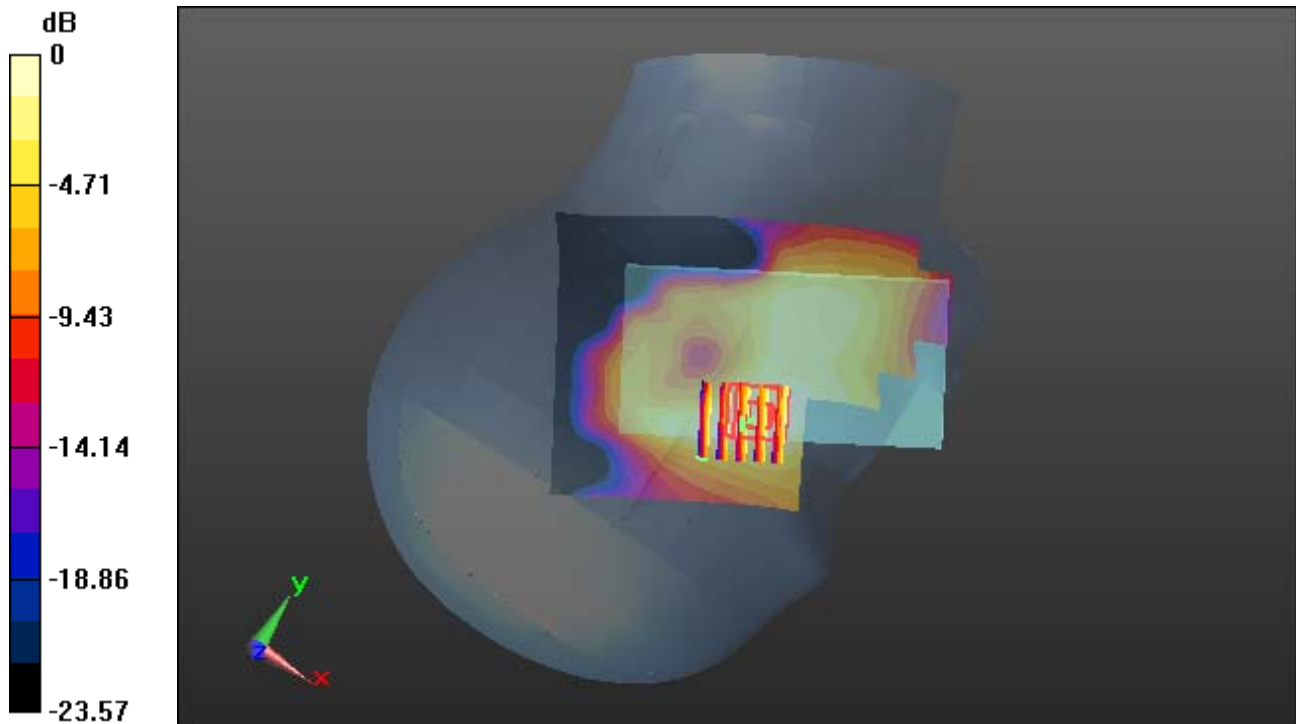
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Right Touch, PCS1900 Ch. 661, Ant Internal, W/ Device Location**

**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) = 0.226 mW/g  
**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.083 W/kg**



0 dB = 0.179 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

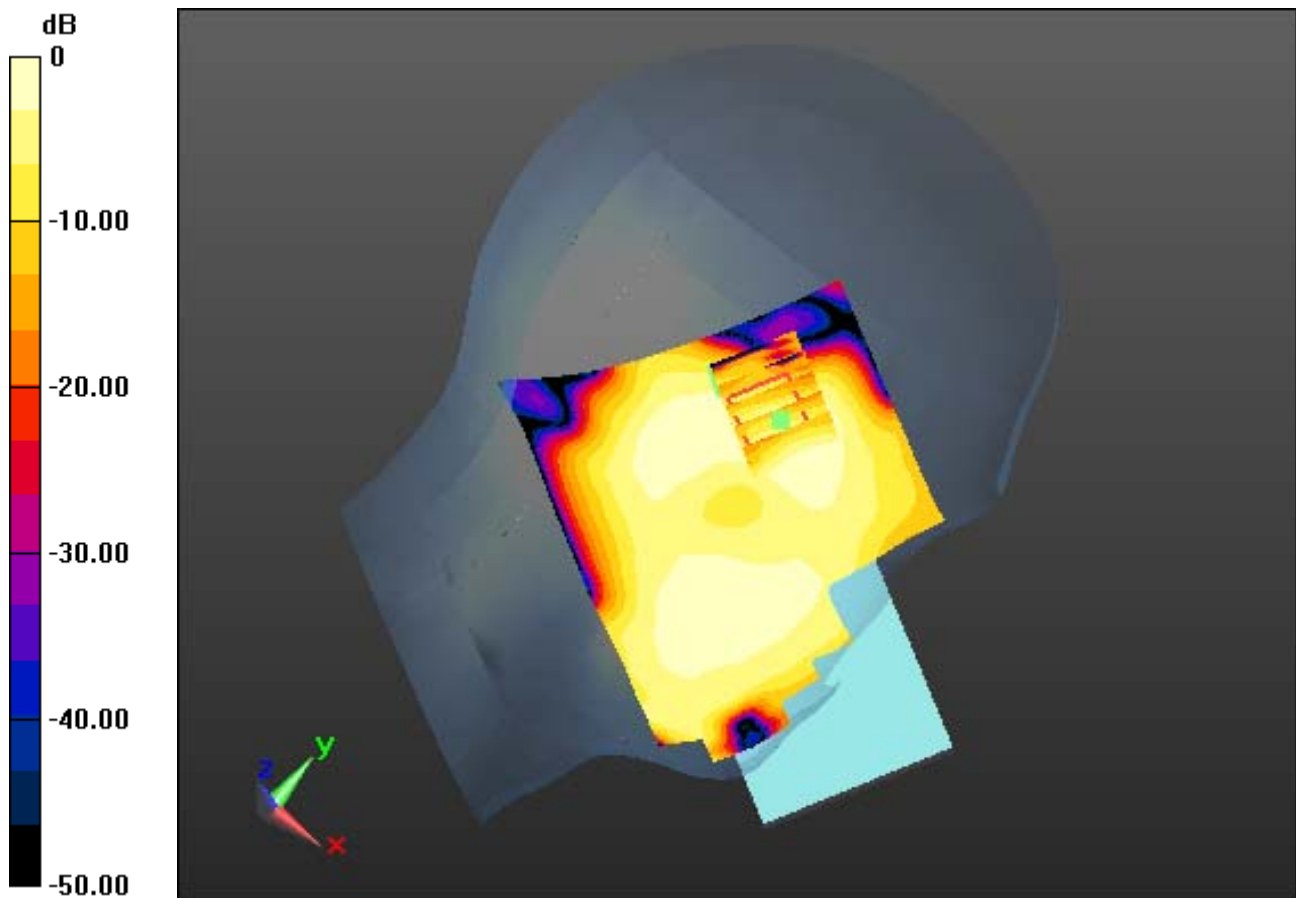
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Tilt, PCS1900 Ch. 661, 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 = -0.19 dB  
Peak SAR (extrapolated) = 0.070 mW/g  
**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.0571 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

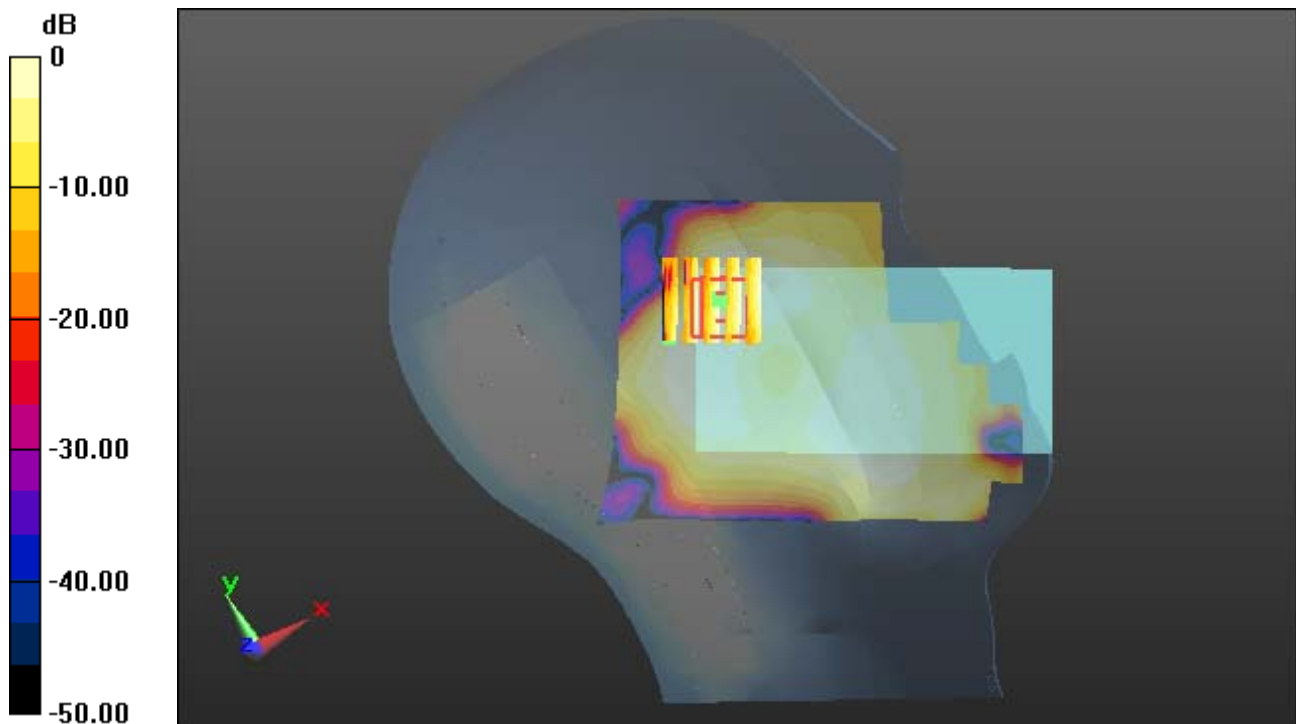
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Tilt, PCS1900 Ch. 661, Ant Internal, W/ Device Location**

**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 0.070 mW/g  
**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.0571 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

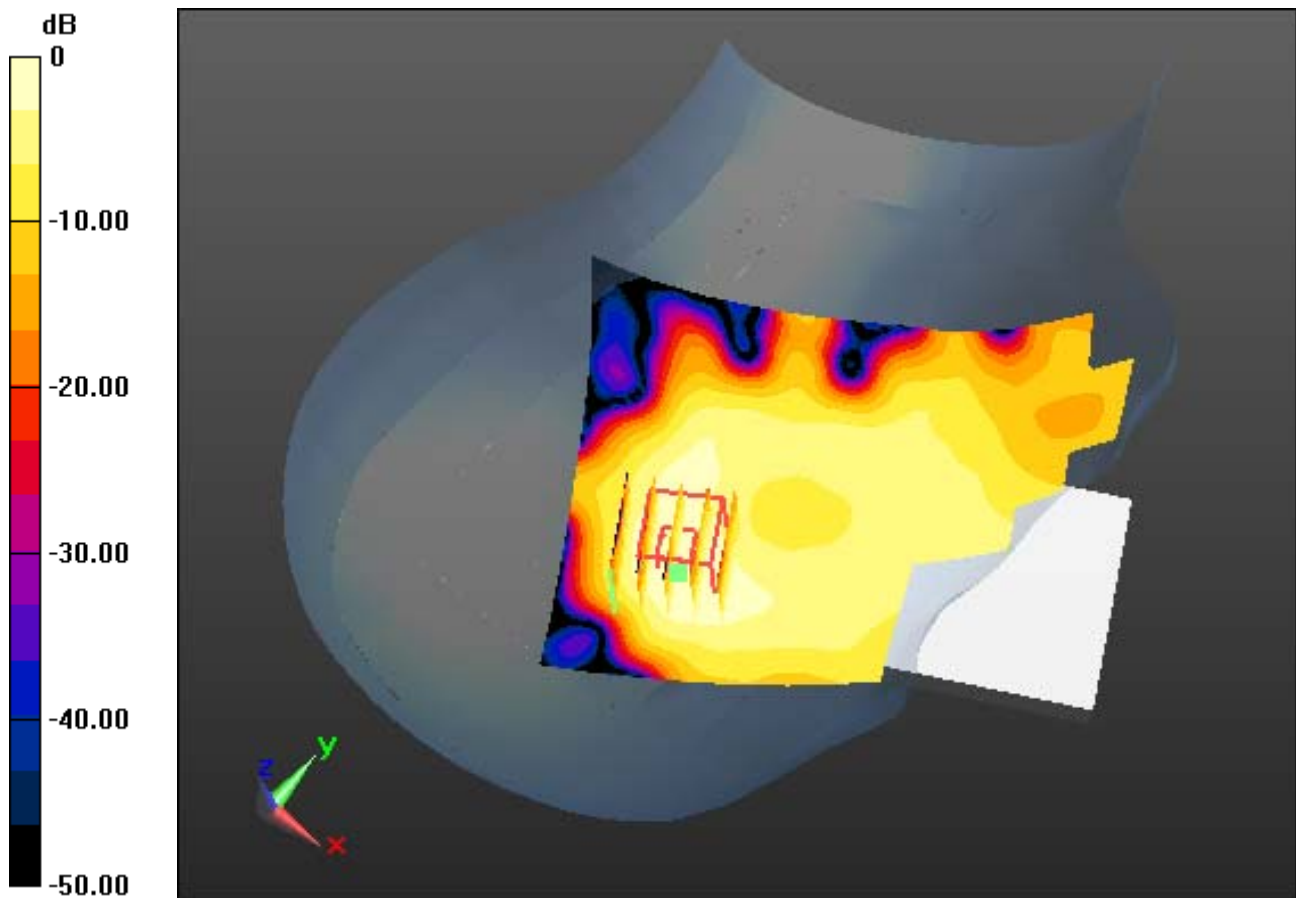
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Right Tilt, PCS1900 Ch. 661, 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 = 0.19 dB  
Peak SAR (extrapolated) = 0.109 mW/g  
**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg**



0 dB = 0.0821 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

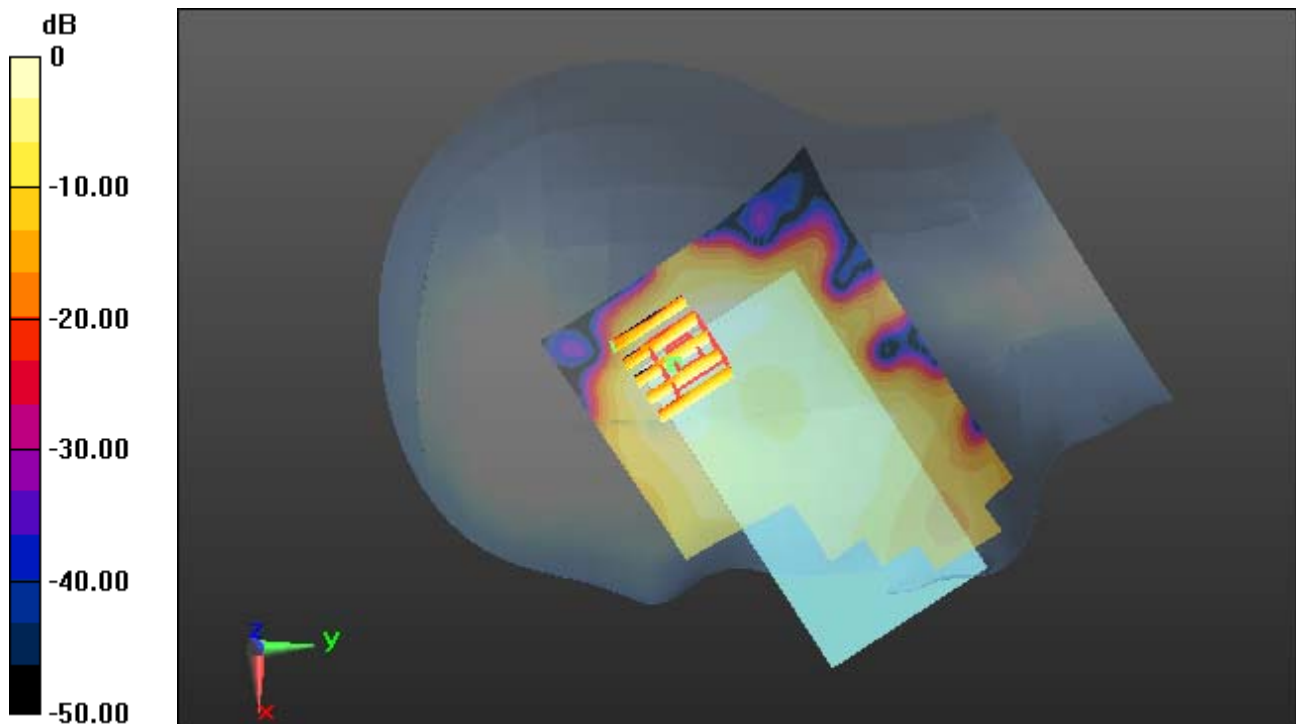
## **DASY5 Configuration:**

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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Right Tilt, PCS1900 Ch. 661, Ant Internal, W/ Device Location**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 0.109 mW/g  
**SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg**



0 dB = 0.0821 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Left Touch, PCS1900 GPRS Class 8 Ch. 661, Ant Internal, Standard Battery**

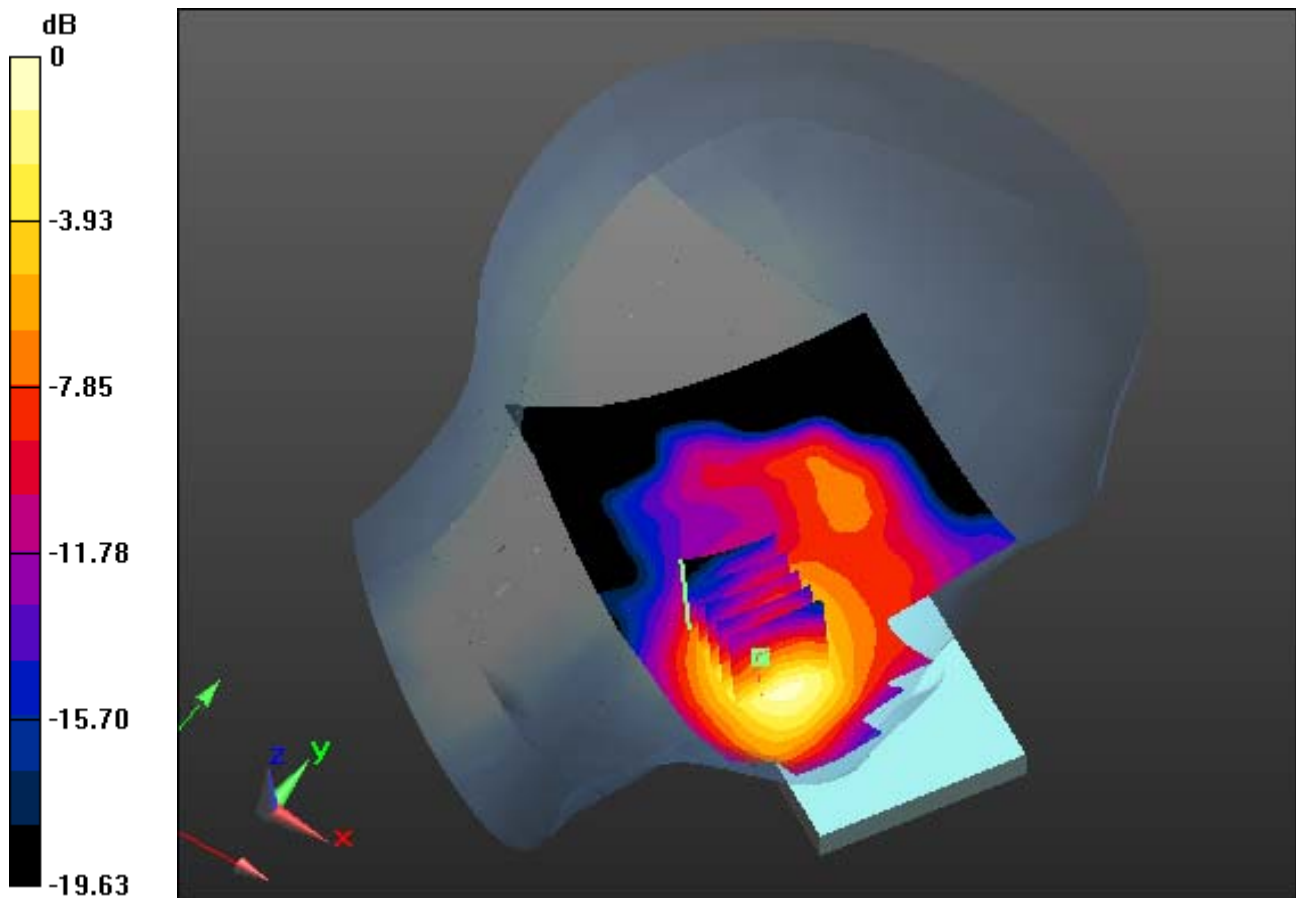
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.450 mW/g

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.155 W/kg



0 dB = 0.358 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Touch, PCS1900 GPRS Class 8 Ch. 661, Ant Internal, W/ Device Location**

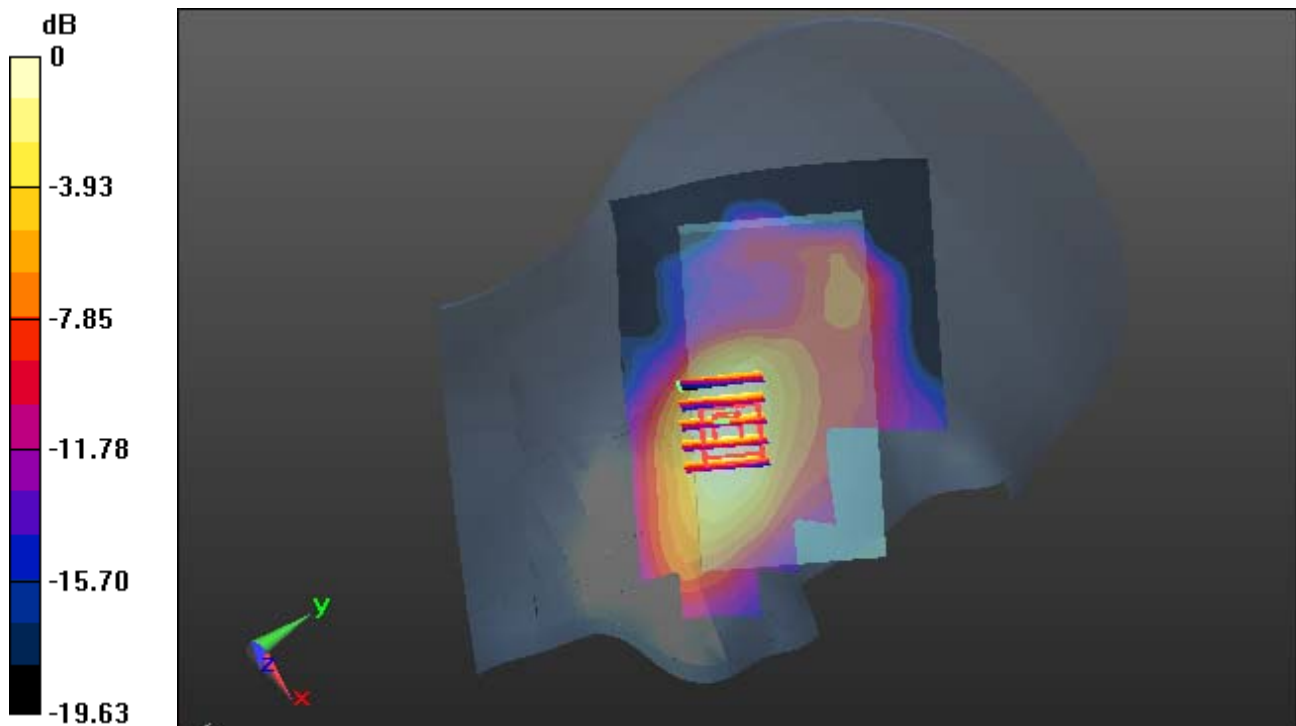
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.450 mW/g

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.155 W/kg**



0 dB = 0.358 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Left Touch, PCS1900 GPRS Class 10 Ch. 661, Ant Internal, Standard Battery**

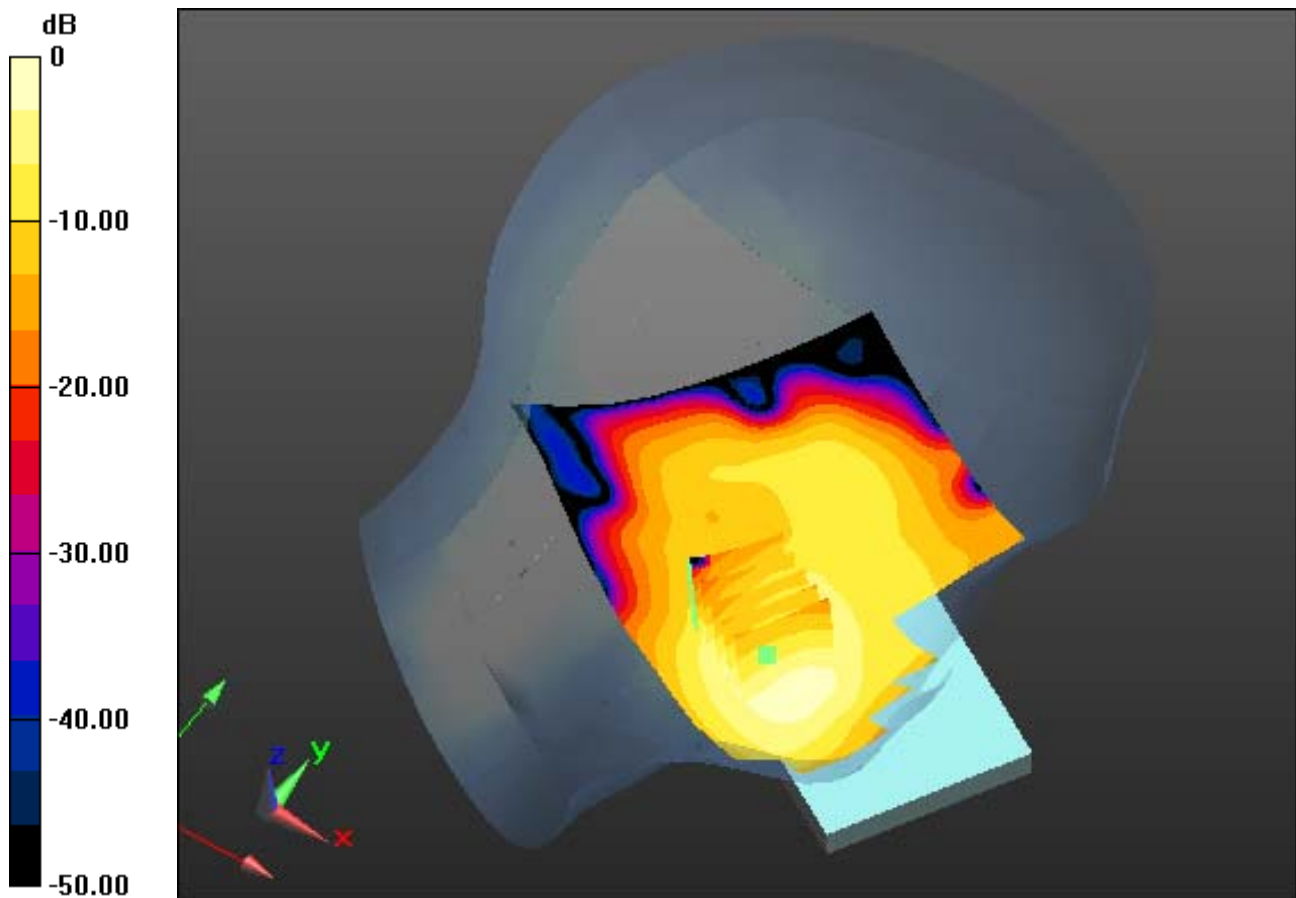
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.586 mW/g

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 0.449 mW/g = -6.96 dB mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 10; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Touch, PCS1900 GPRS Class 10 Ch. 661, Ant Internal, W/ Device Location**

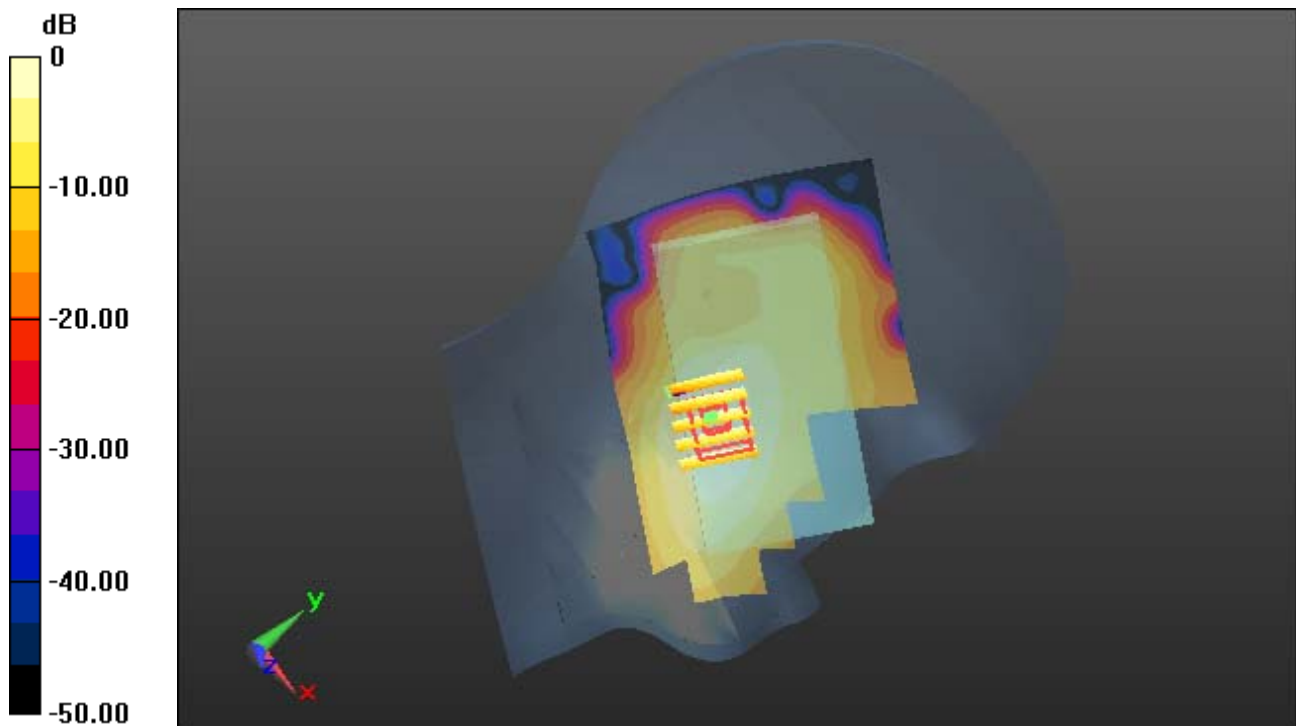
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.586 mW/g

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 0.449 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Left Touch, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, Standard Battery**

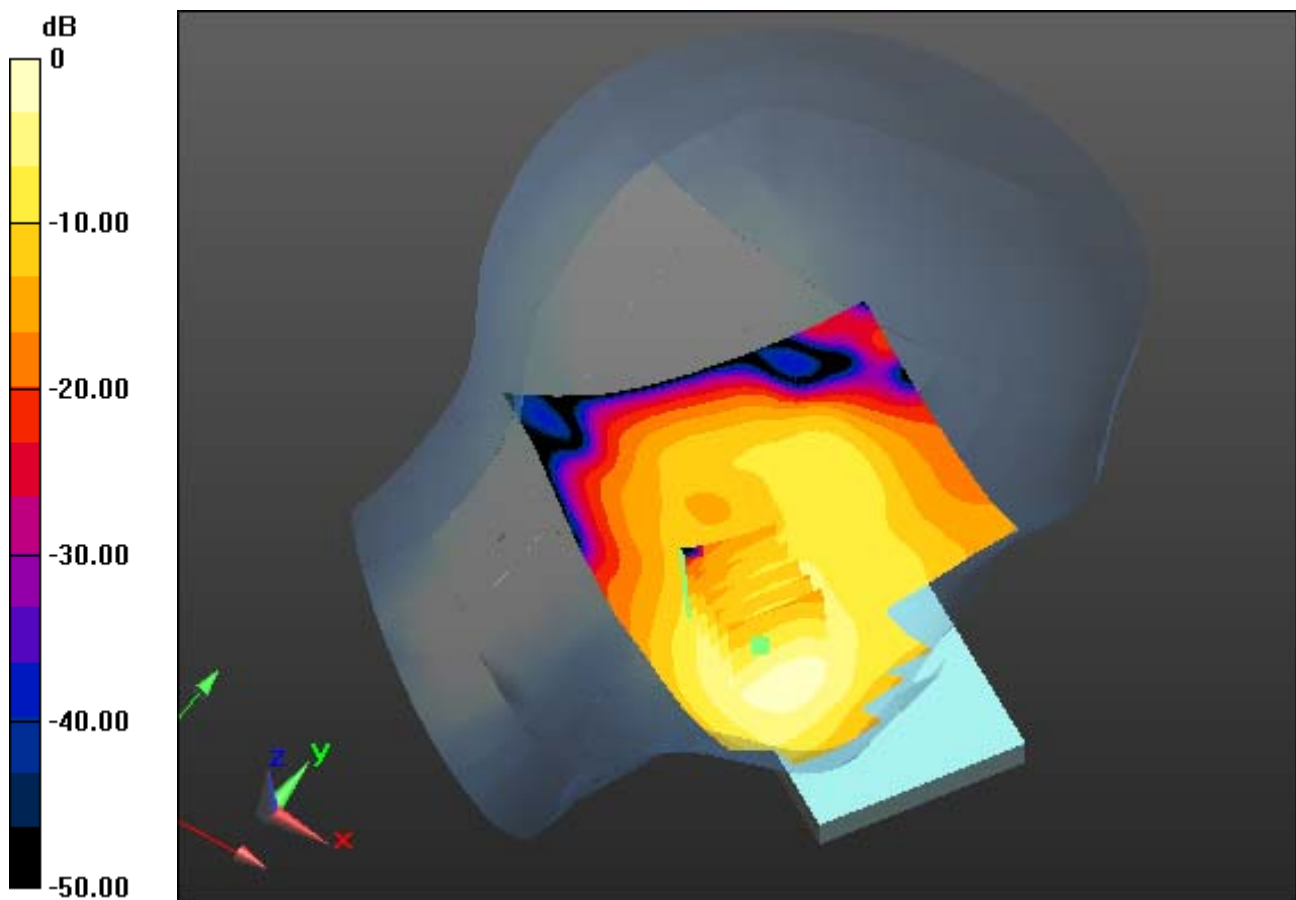
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.663 mW/g

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.233 W/kg



0 dB = 0.535 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Touch, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, W/ Device Location**

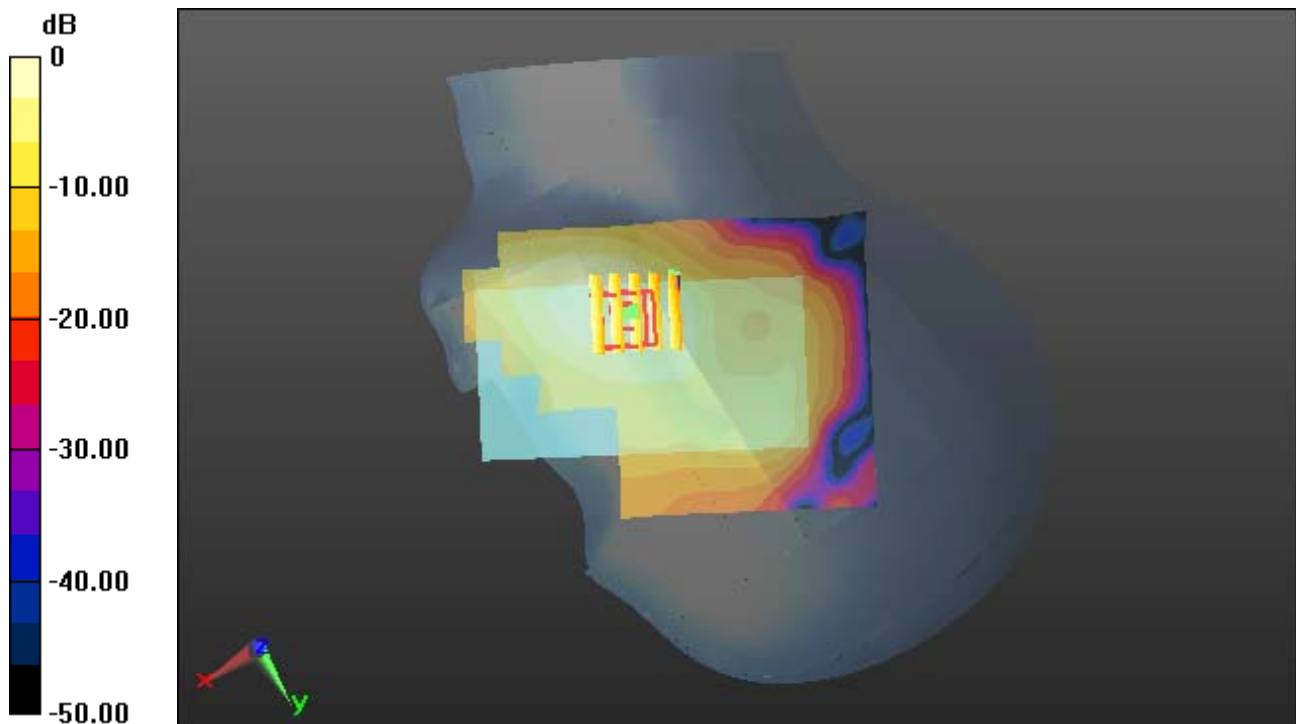
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.663 mW/g

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.233 W/kg



0 dB = 0.535 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 12; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Left Touch, PCS1900 GPRS Class 12 Ch. 661, Ant Internal, Standard Battery**

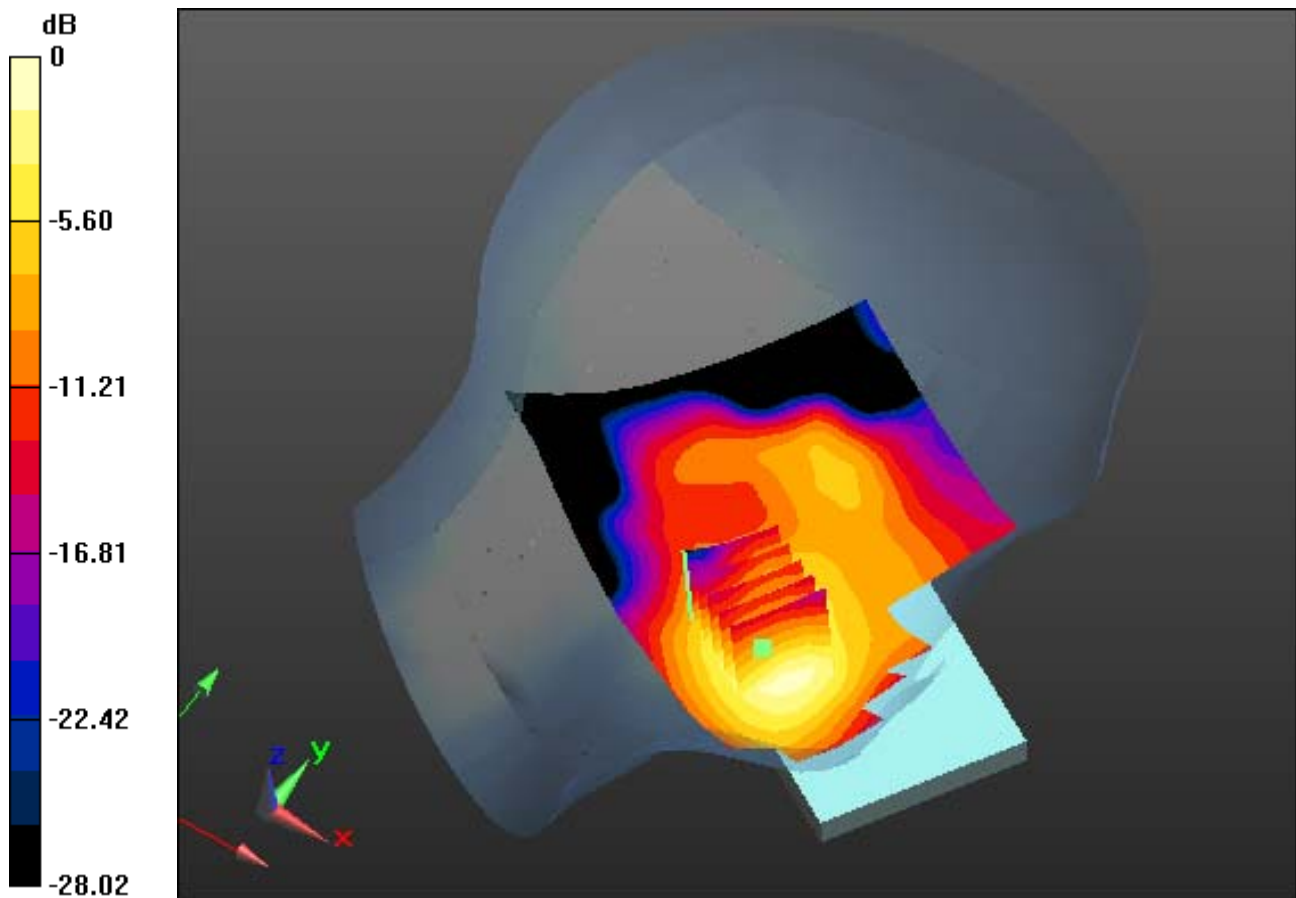
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.579 mW/g

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.198 W/kg



0 dB = 0.458 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Touch, PCS1900 GPRS Class 12 Ch. 661, Ant Internal, W/ Device Location**

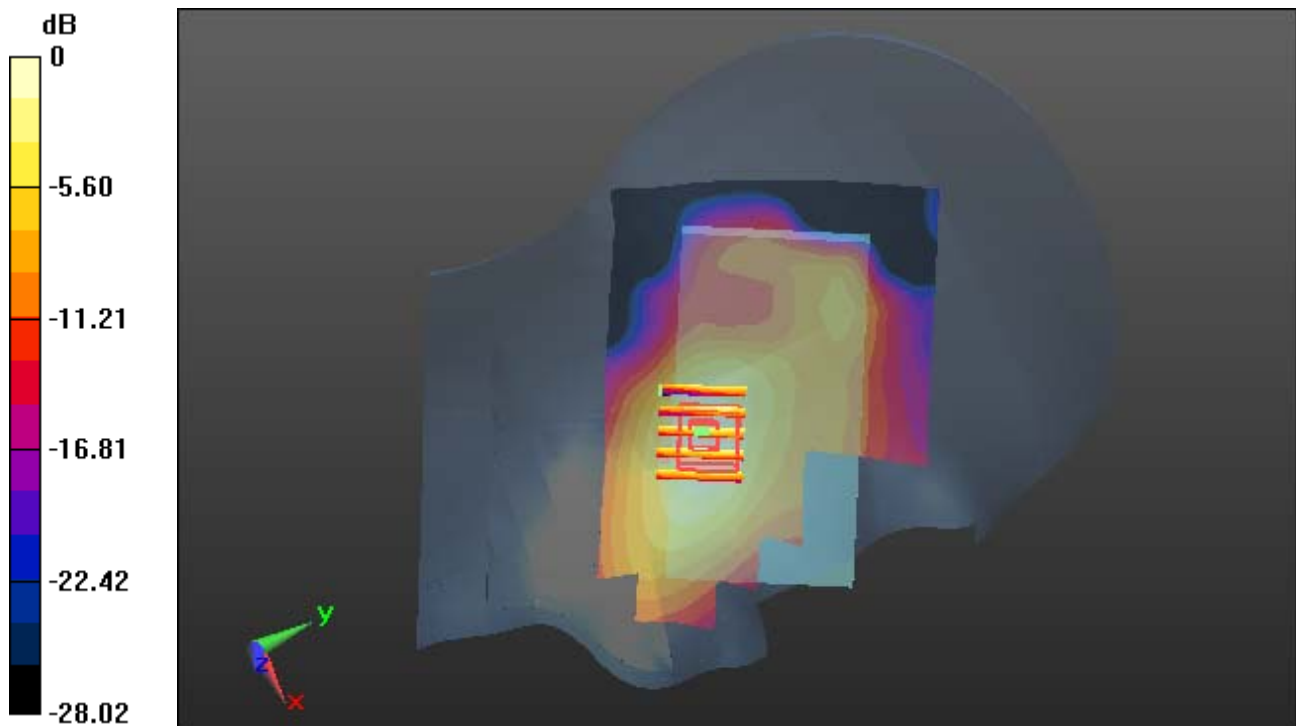
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.579 mW/g

SAR(1 g) = 0.342 W/kg; SAR(10 g) = 0.198 W/kg



0 dB = 0.458 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Right Touch, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, Standard Battery**

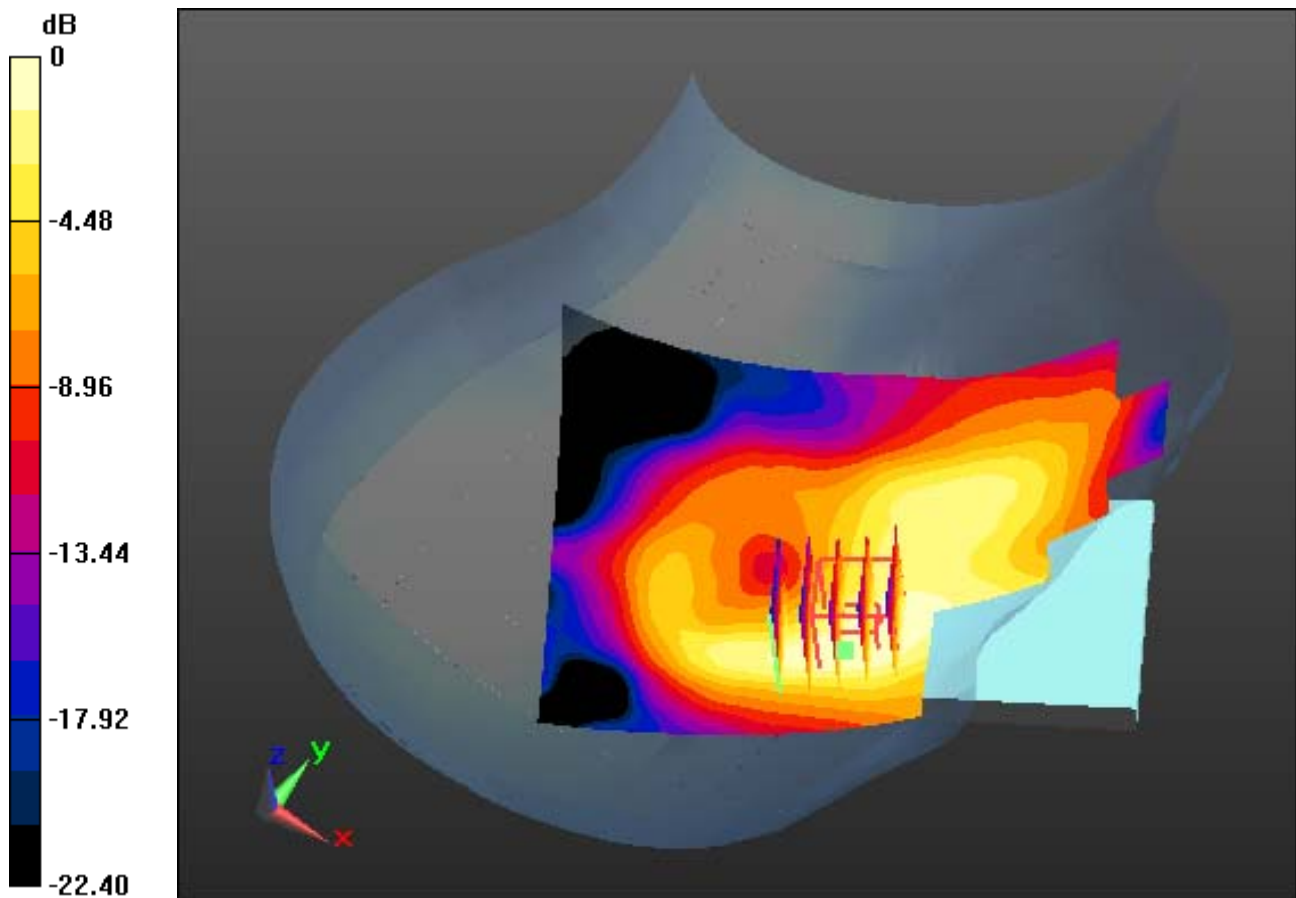
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.307 mW/g

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.114 W/kg



0 dB = 0.244 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Right Touch, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, W/ Device Location**

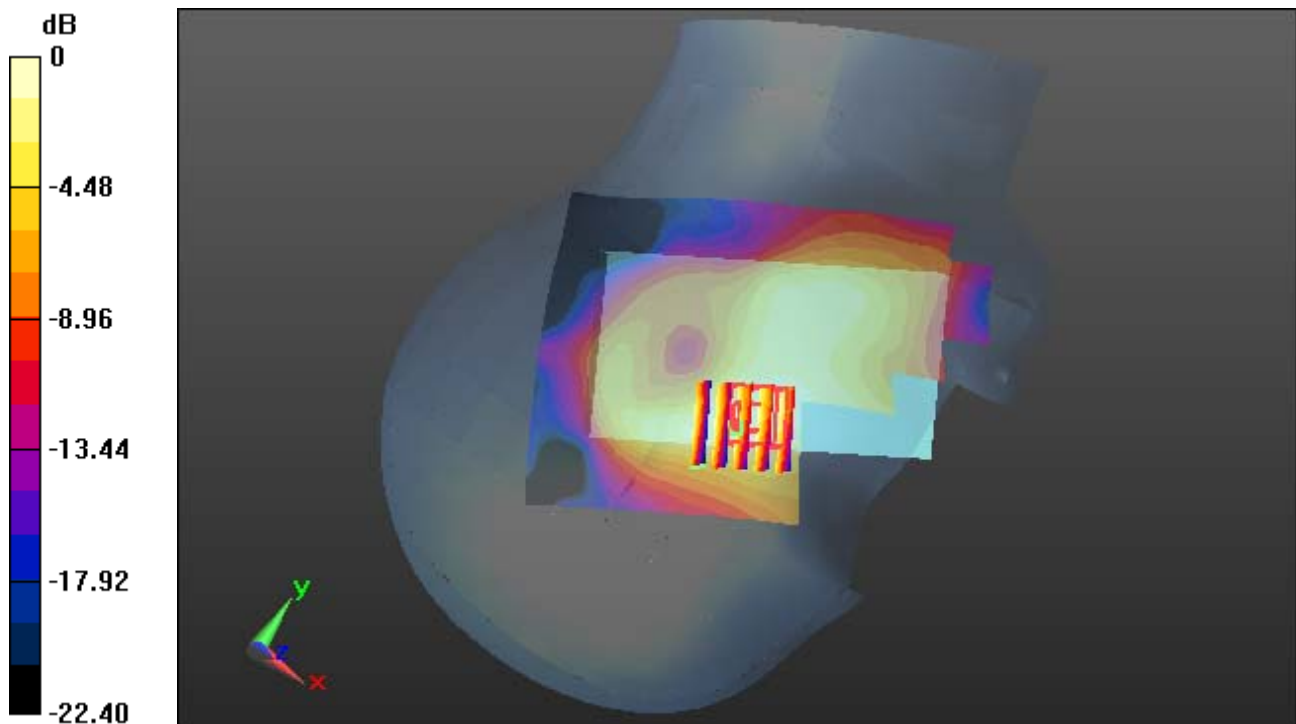
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.307 mW/g

**SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.114 W/kg**



0 dB = 0.244 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Left Tilt, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, Standard Battery**

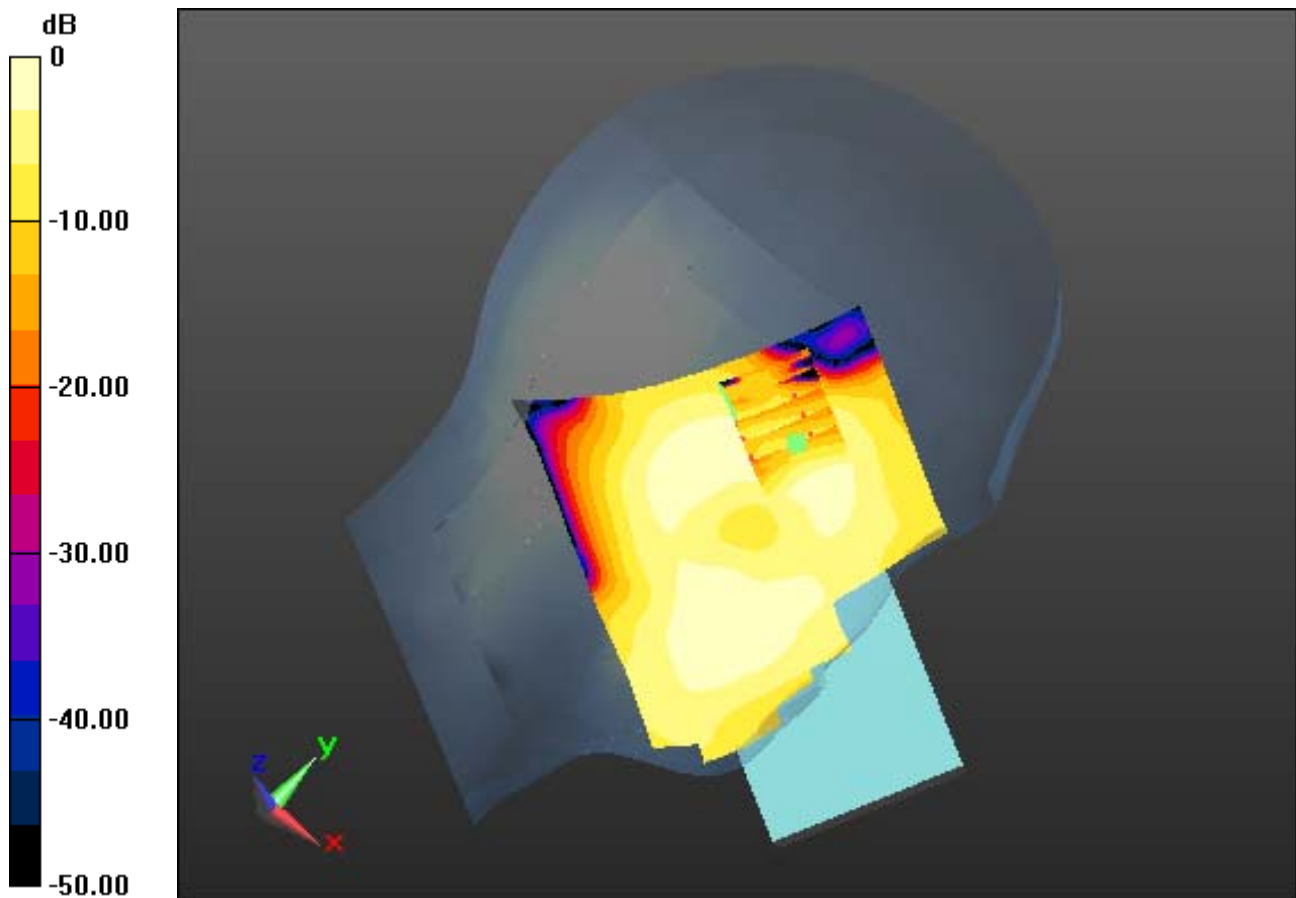
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.096 mW/g

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.034 W/kg**



0 dB = 0.0727 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Left Tilt, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, W/ Device Location**

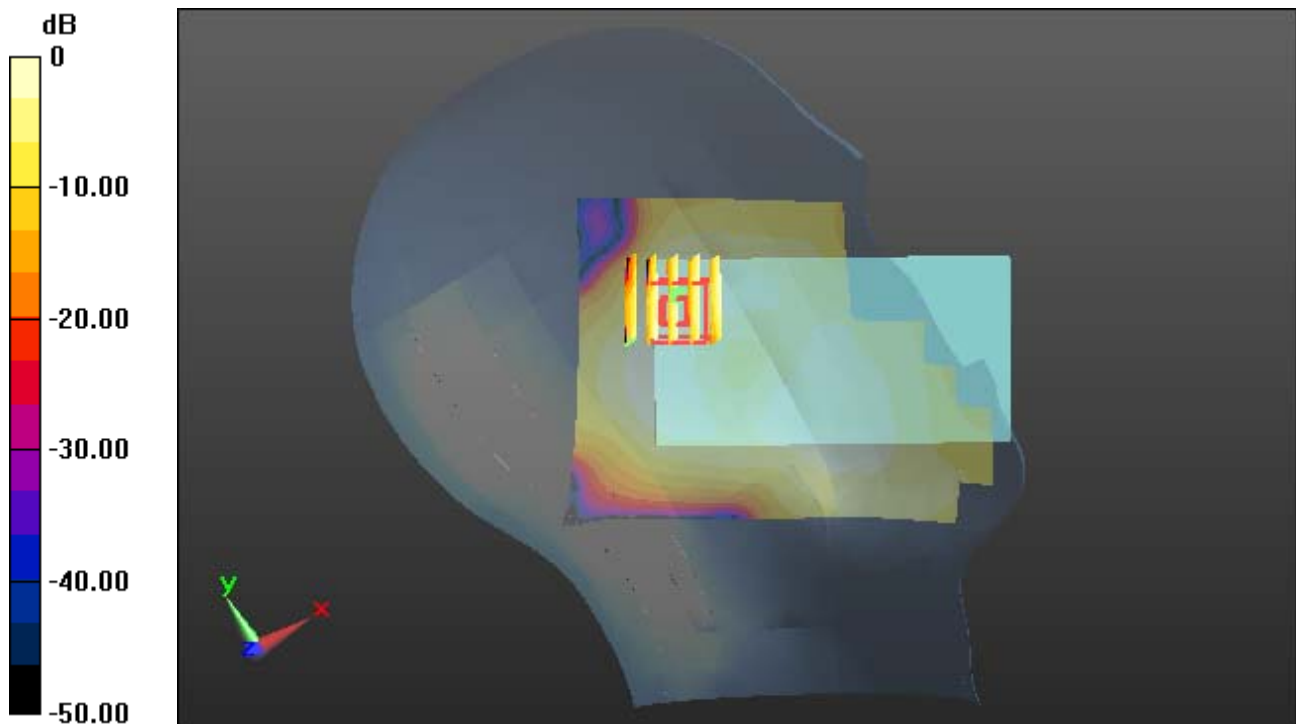
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.096 mW/g

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.034 W/kg**



0 dB = 0.0727 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

**Right Tilt, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, Standard Battery**

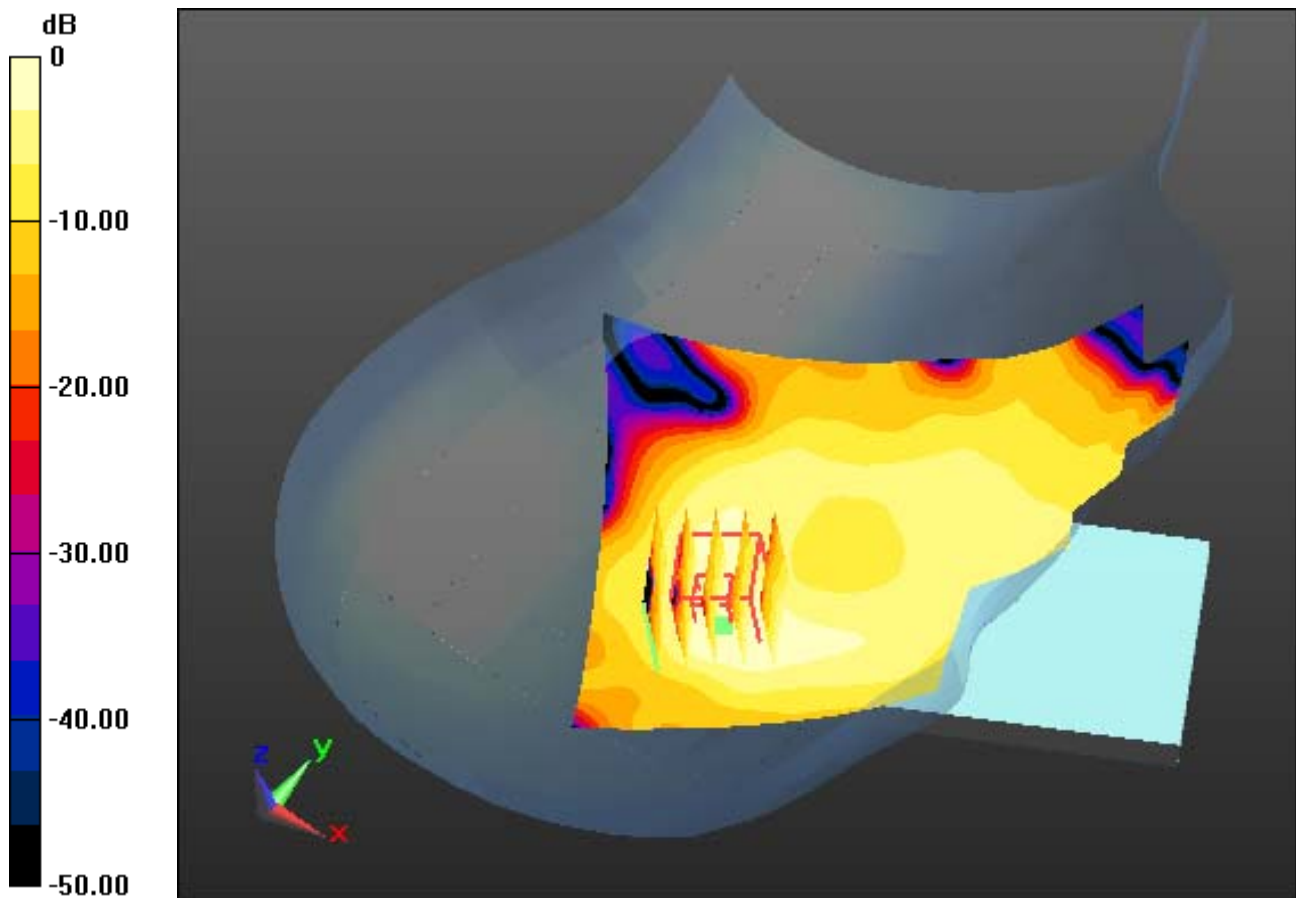
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.148 mW/g

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.111 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: PCS1900\_Class 11; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  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: 2012-08-22; Ambient Temp: 22.2; Tissue Temp: 22.3

## **Right Tilt, PCS1900 GPRS Class 11 Ch. 661, Ant Internal, W/ Device Location**

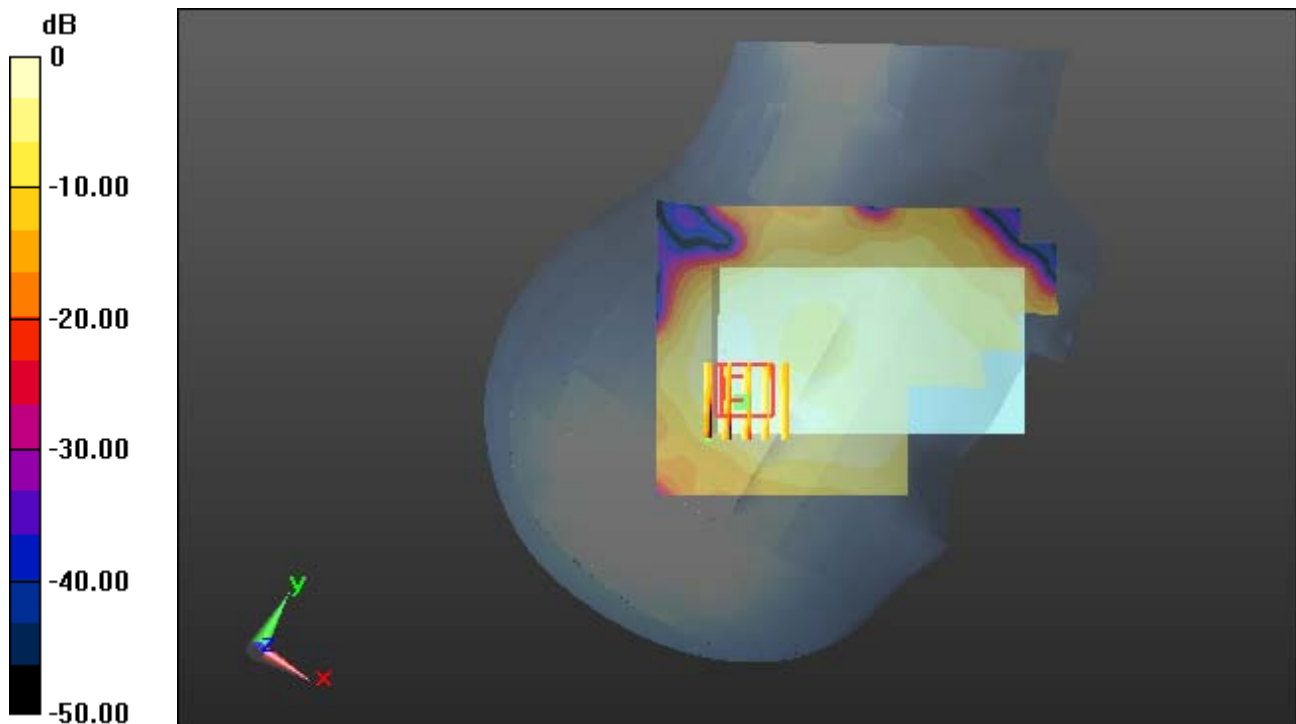
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.148 mW/g

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.046 W/kg**



0 dB = 0.111 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

**Left Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery**

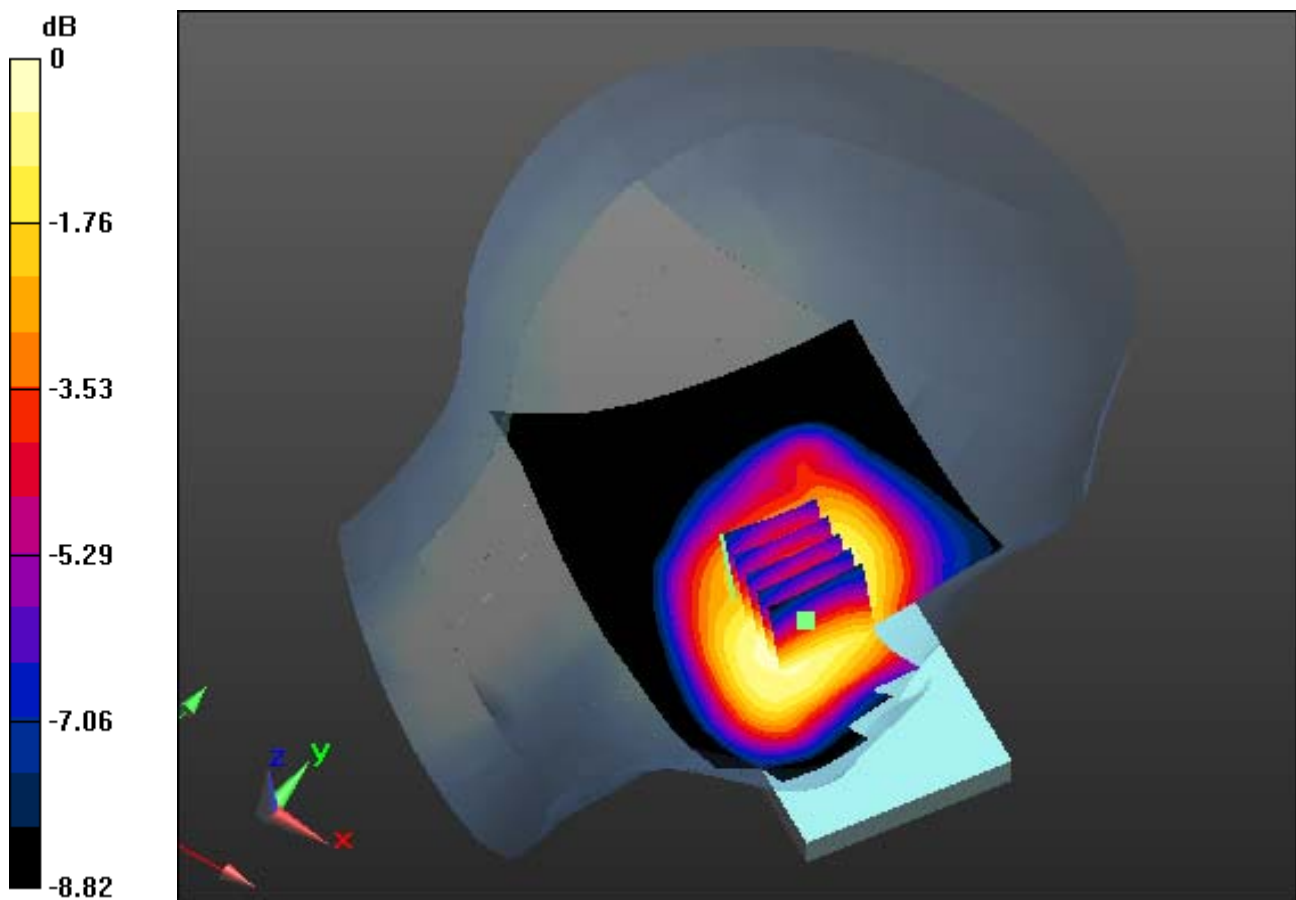
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.224 mW/g

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.137 W/kg



0 dB = 0.204 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

## **Left Touch, WCDMA850 Ch. 4183, Ant Internal, W/ Device Location**

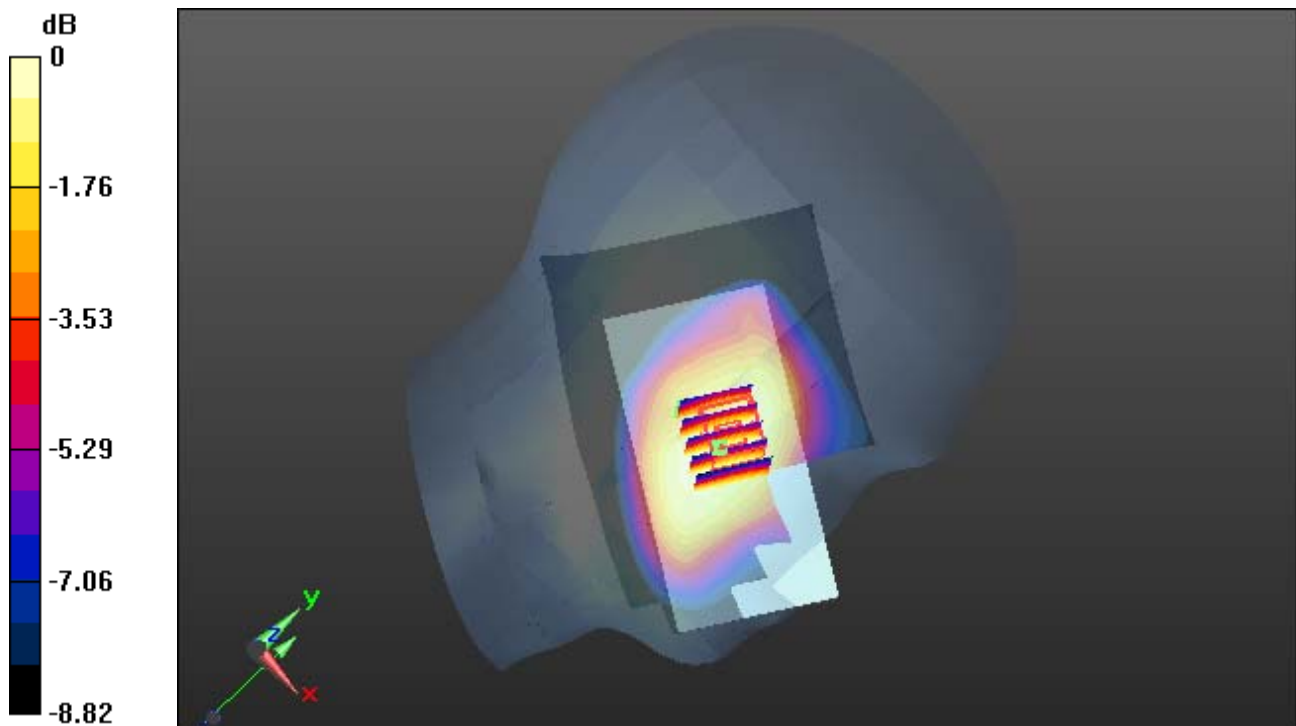
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.224 mW/g

**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.137 W/kg**



0 dB = 0.204 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

**Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery**

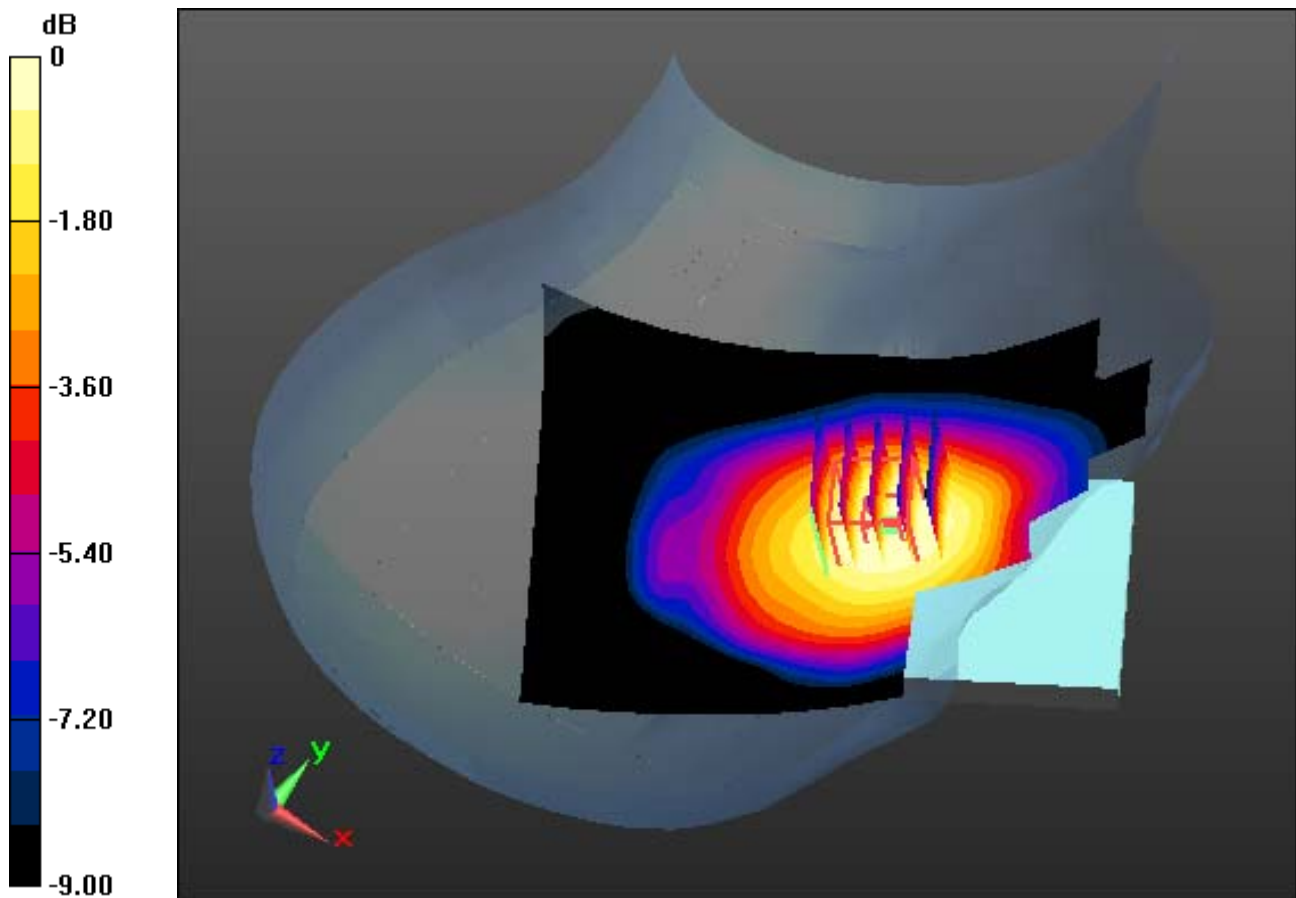
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.286 mW/g

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.180 W/kg**



0 dB = 0.264 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

## **Right Touch, WCDMA850 Ch. 4183, Ant Internal, W/ Device Location**

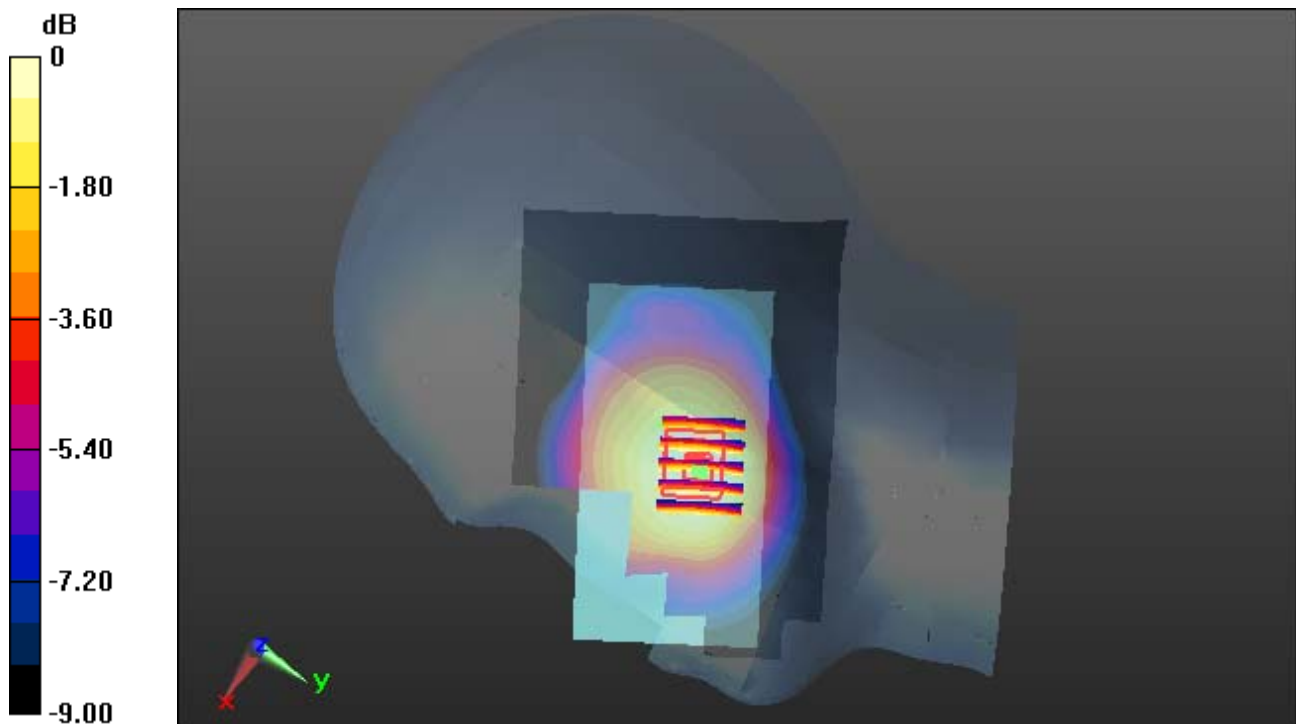
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.286 mW/g

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.180 W/kg**



0 dB = 0.264 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

## **Left Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery**

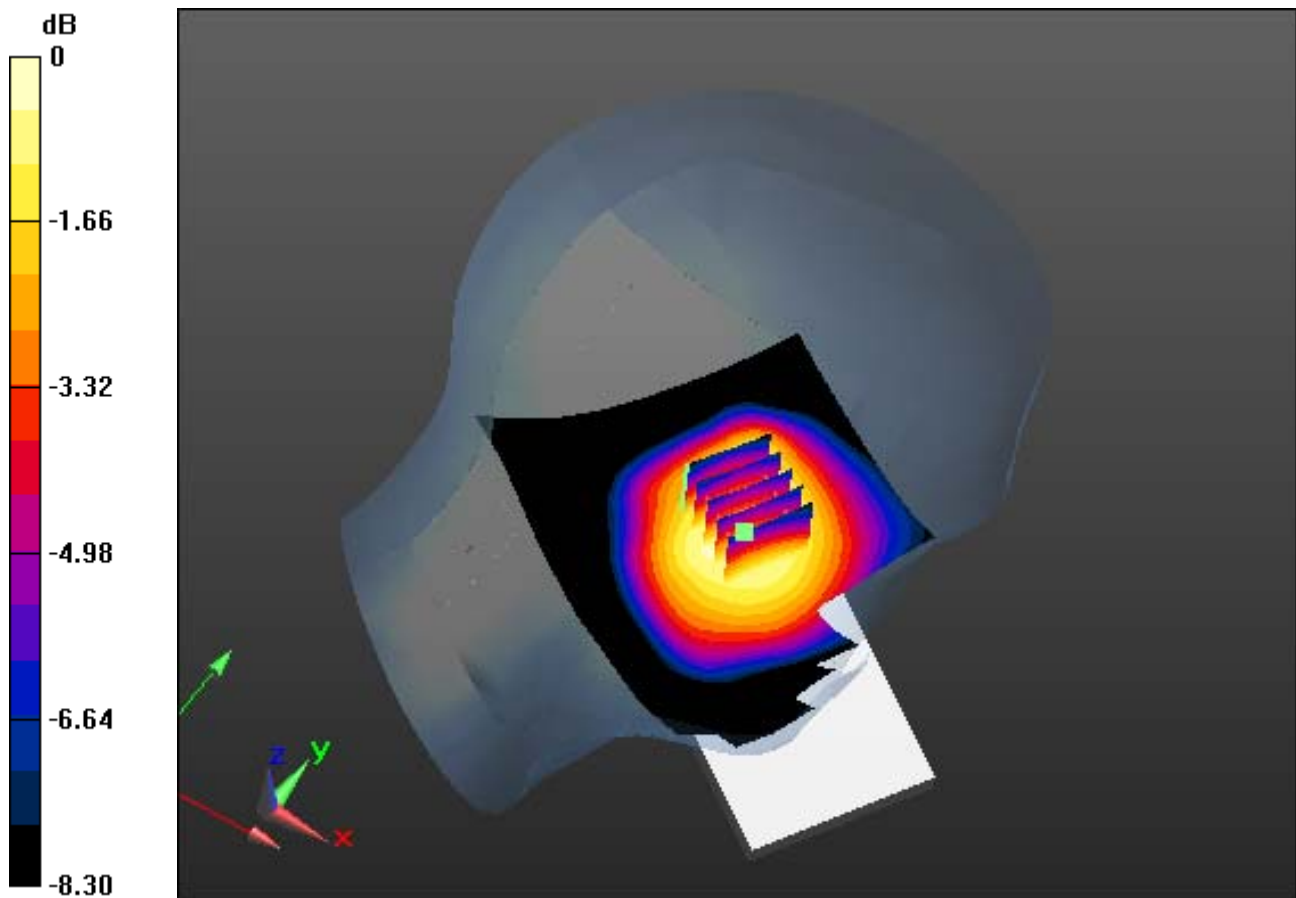
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.170 mW/g

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.155 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

## **Left Tilt, WCDMA850 Ch. 4183, Ant Internal, W/ Device Location**

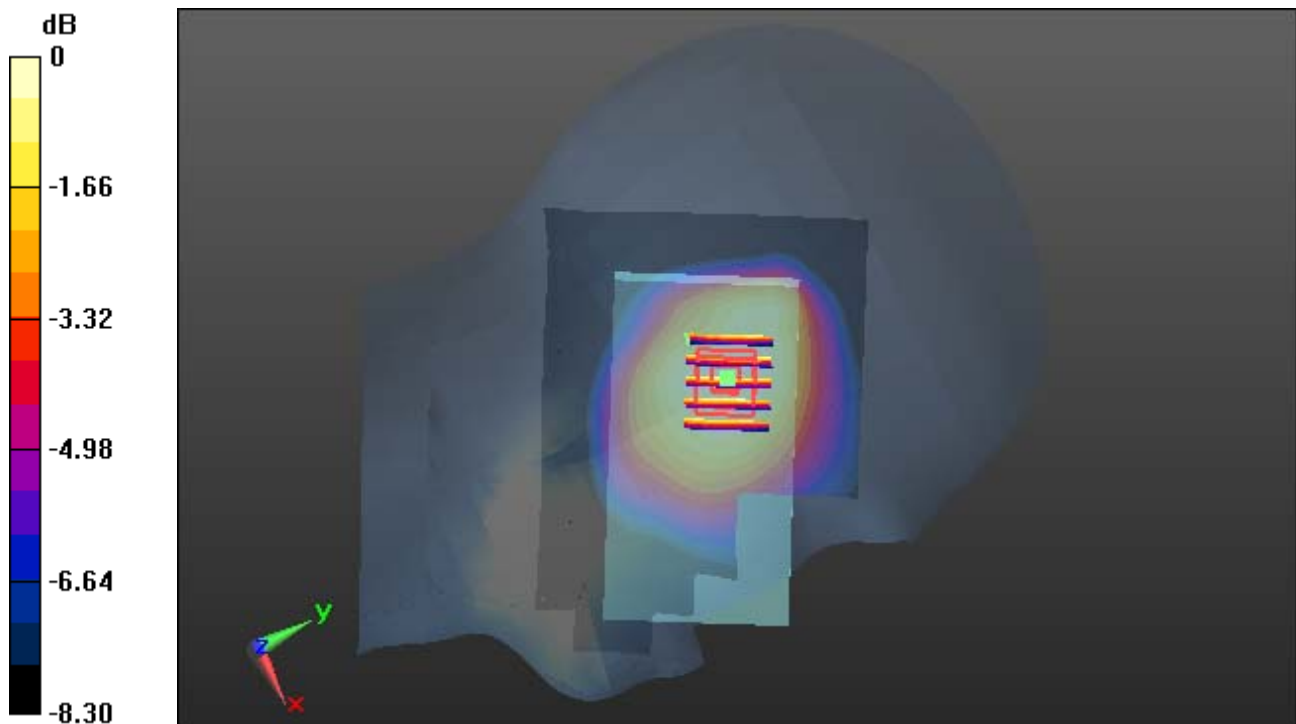
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.170 mW/g

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.103 W/kg**



0 dB = 0.155 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp: 22.6

**Right Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery**

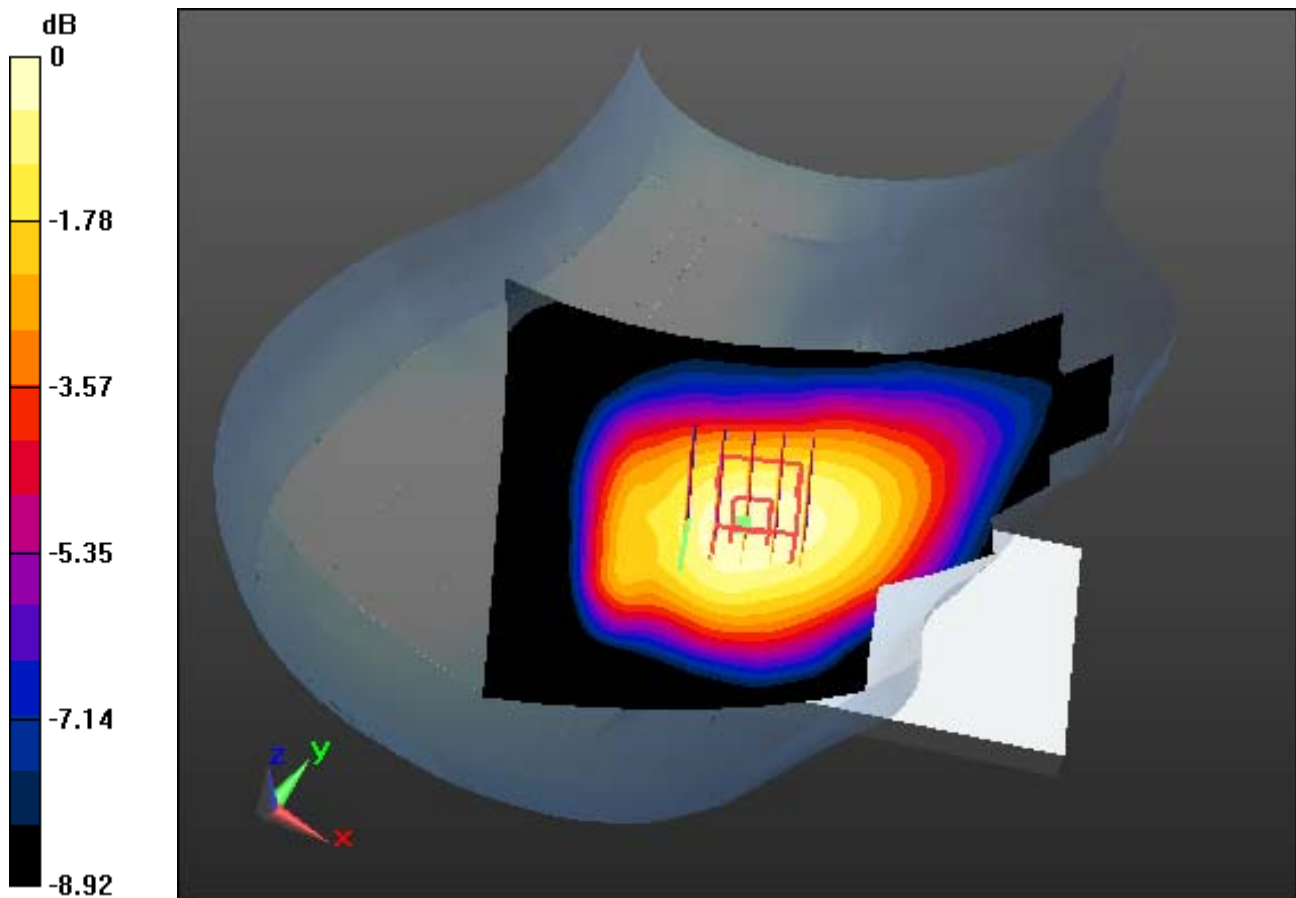
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.175 mW/g

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.109 W/kg



0 dB = 0.161 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 42.251$ ;  $\rho = 1000$  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: 2012-08-21; Ambient Temp: 22.5; Tissue Temp:22.6

## **Right Tilt, WCDMA850 Ch. 4183, Ant Internal, W/ Device Location**

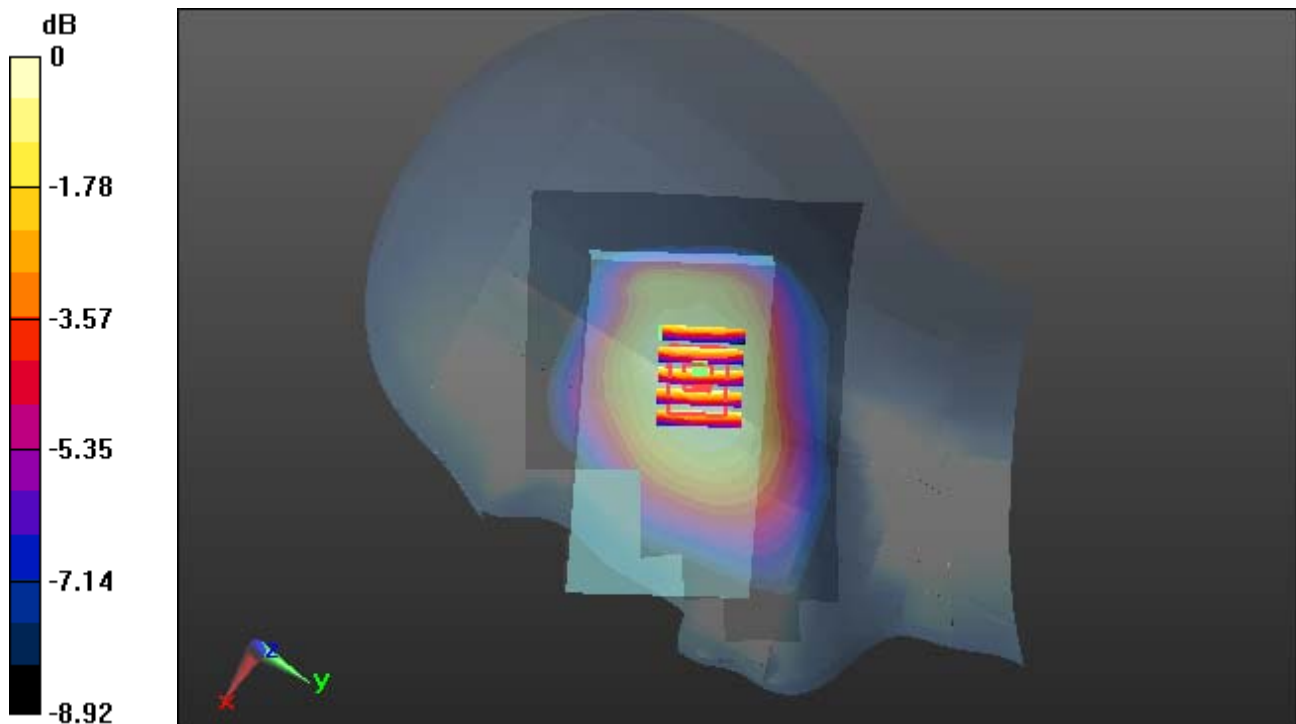
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.175 mW/g

**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.109 W/kg**



0 dB = 0.161 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

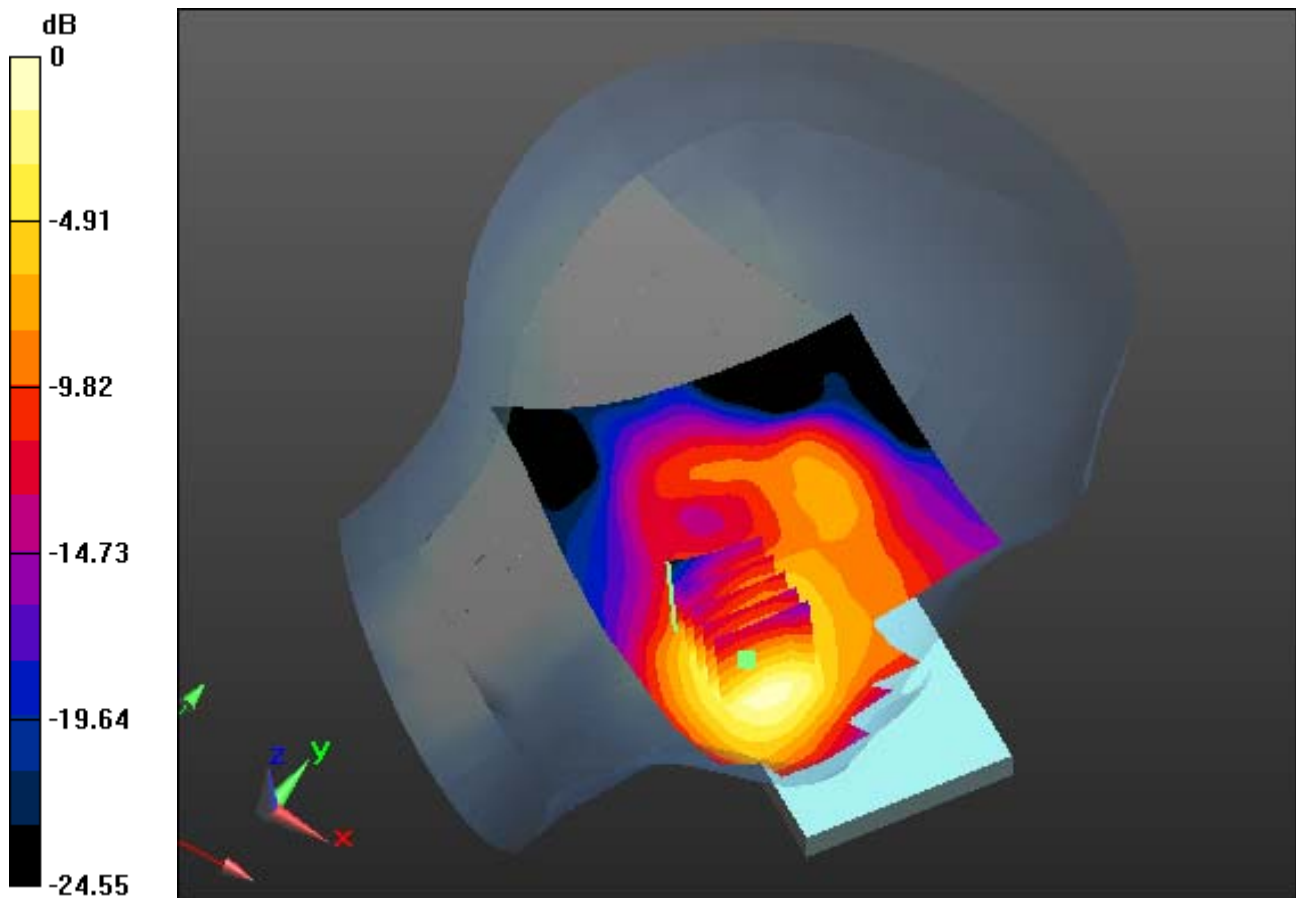
**Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery**

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

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.905 mW/g

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.321 W/kg



0 dB = 0.727 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

## **Left Touch, WCDMA1900 Ch. 9400, Ant Internal, W/ Device Location**

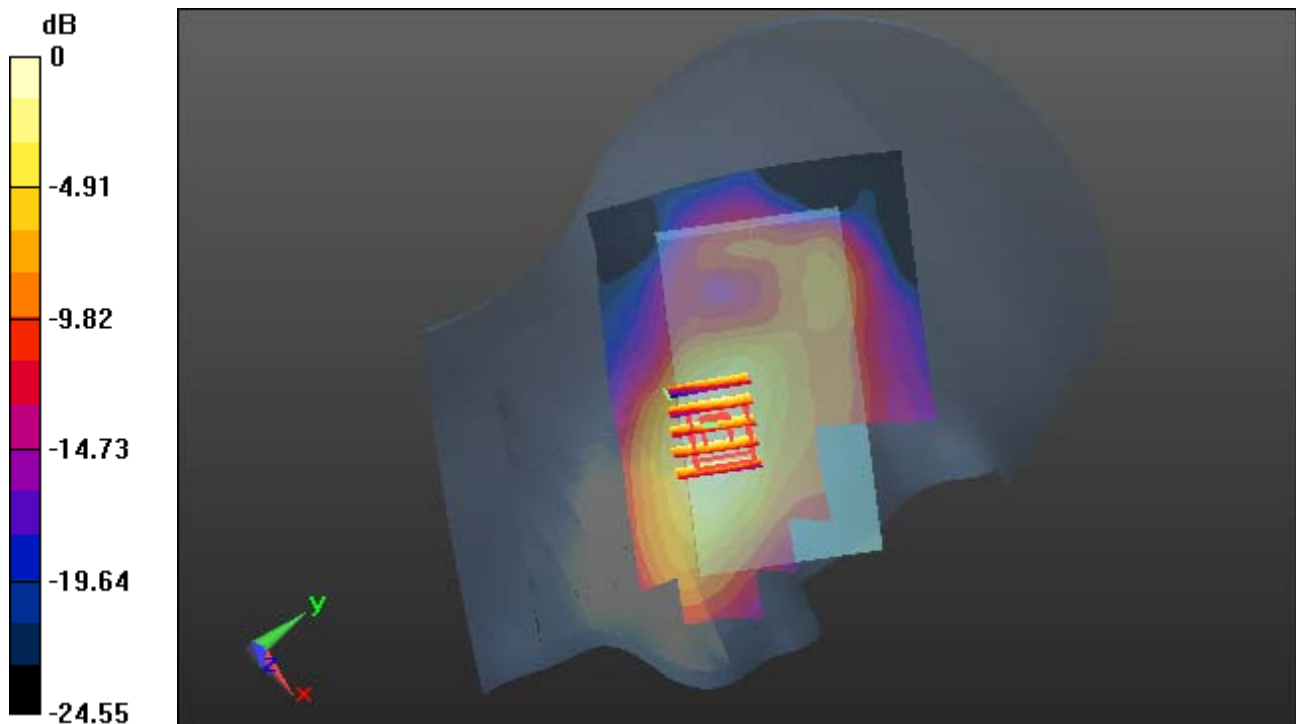
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.905 mW/g

**SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.321 W/kg**



0 dB = 0.727 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery**

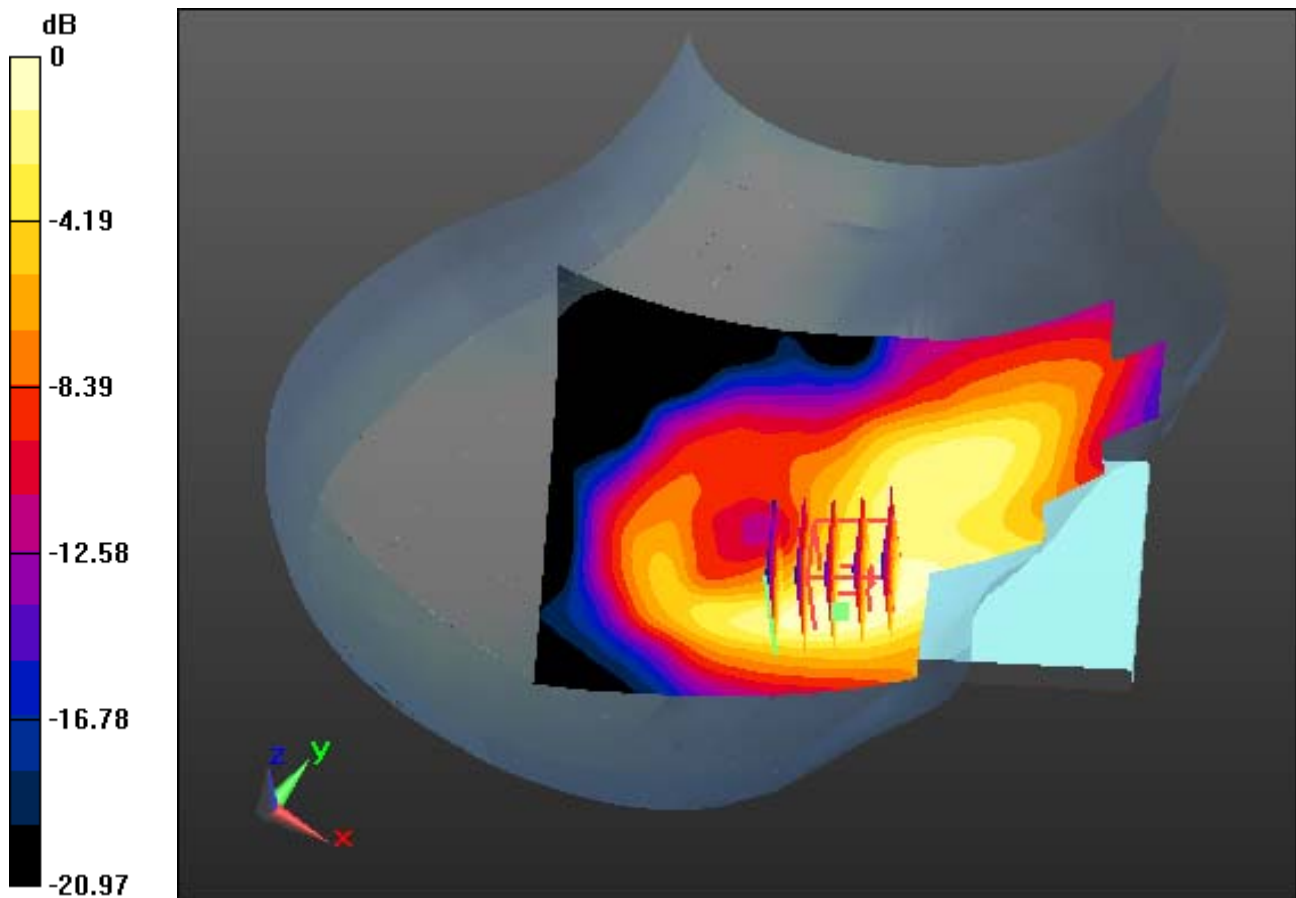
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.439 mW/g

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.167 W/kg



0 dB = 0.352 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

## **Right Touch, WCDMA1900 Ch. 9400, Ant Internal, W/ Device Location**

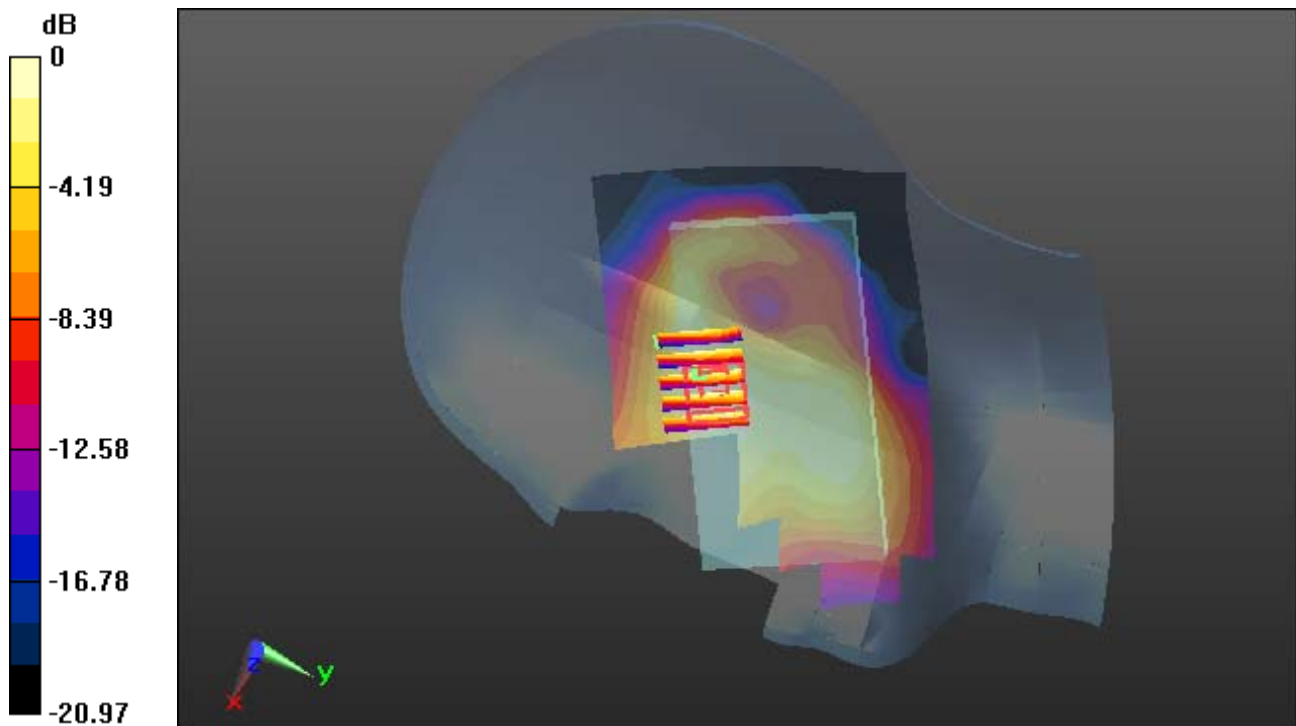
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.439 mW/g

**SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.167 W/kg**



0 dB = 0.352 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

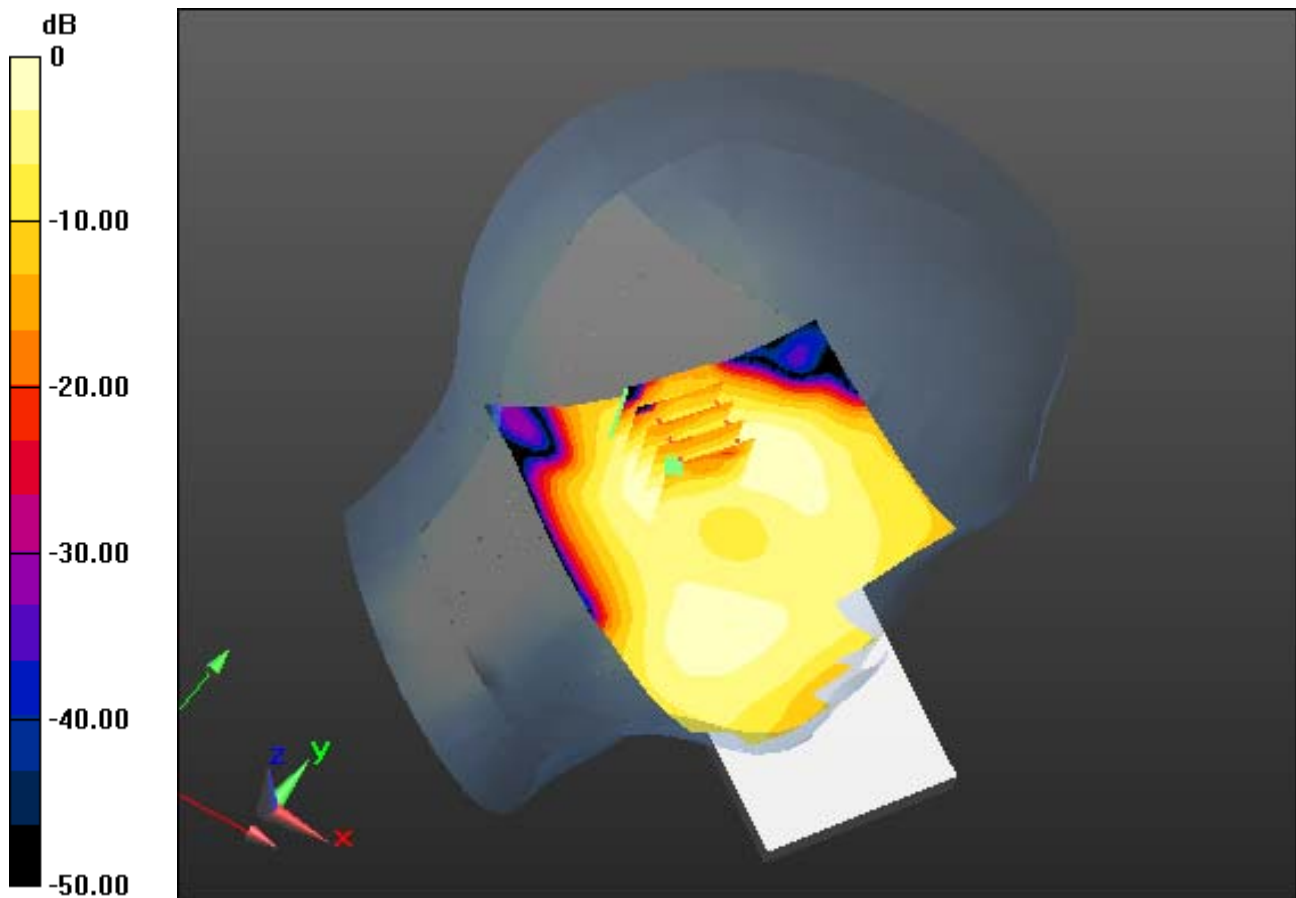
**Left Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery**

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

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.163 mW/g

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.049 W/kg



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

## **Left Tilt, WCDMA1900 Ch. 9400, Ant Internal, W/ Device Location**

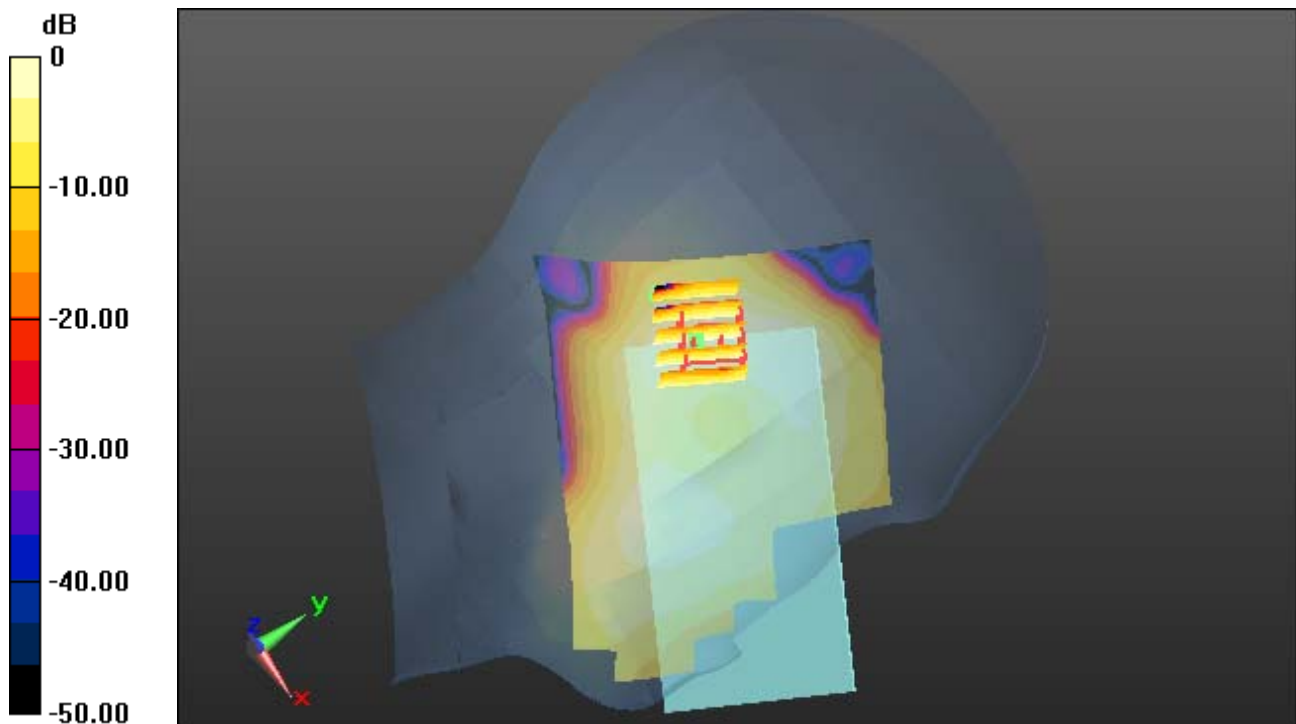
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.163 mW/g

**SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.049 W/kg**



0 dB = 0.125 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery**

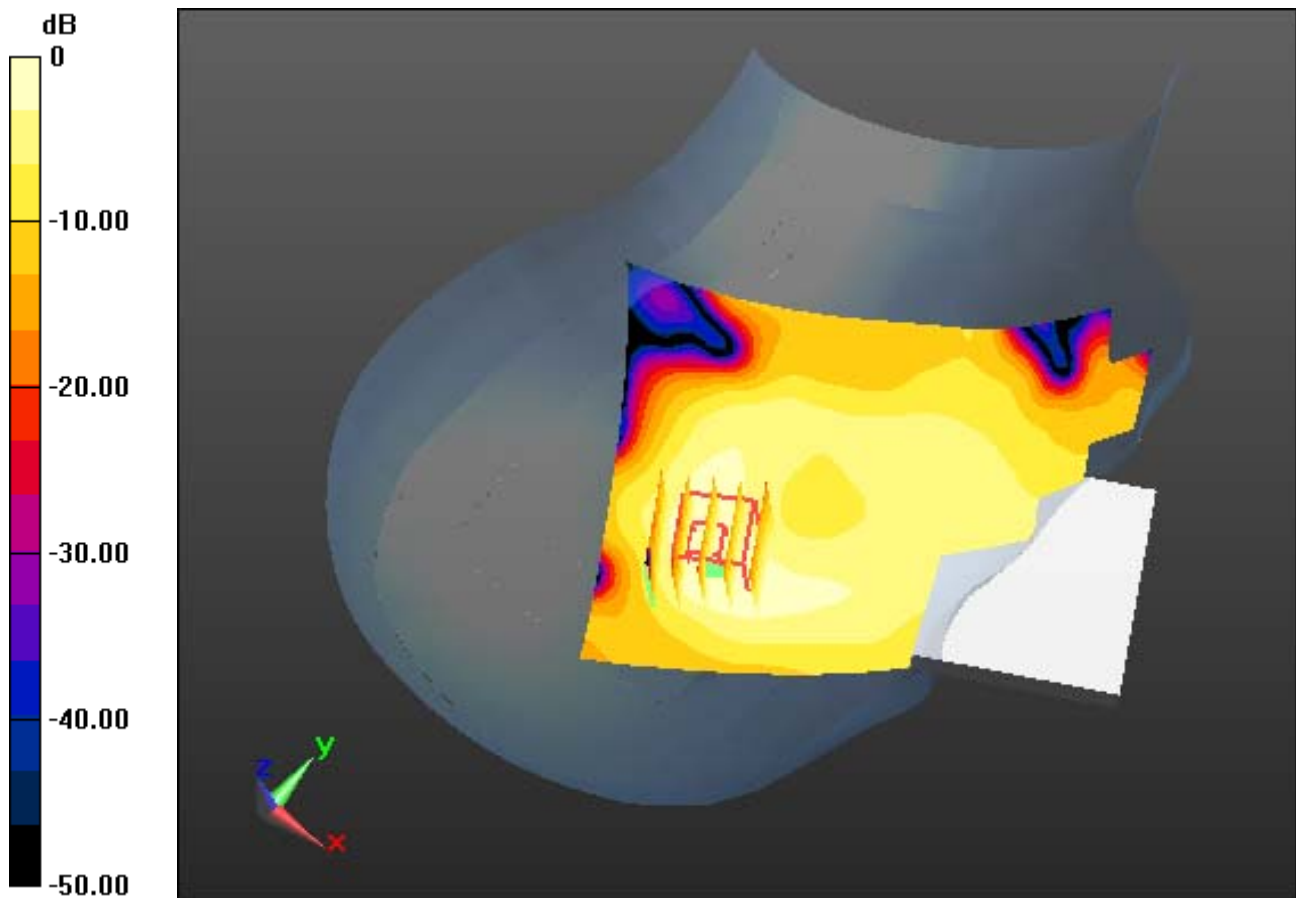
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.201 mW/g

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.144 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.374$  mho/m;  $\epsilon_r = 39.013$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

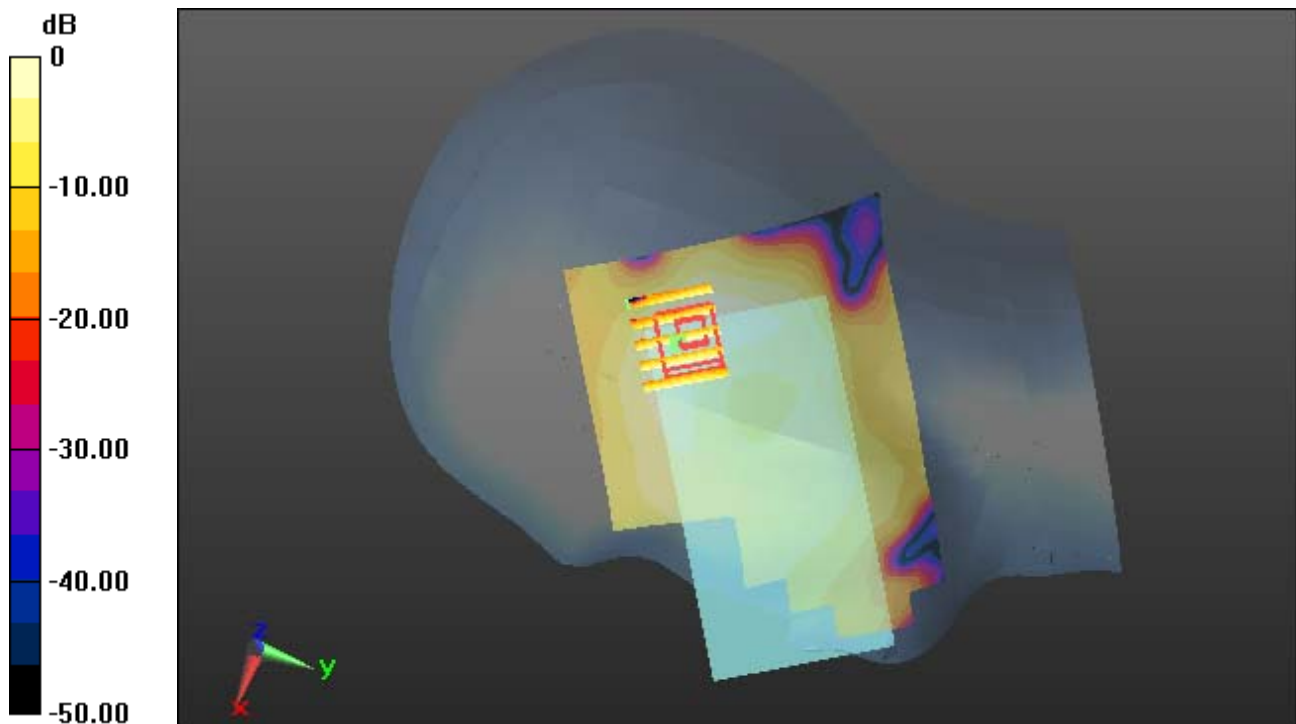
## **DASY5 Configuration:**

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: 2012-08-23; Ambient Temp: 22.3; Tissue Temp: 22.5

## **Right Tilt, WCDMA1900 Ch. 9400, Ant Internal, W/ Device Location**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.201 mW/g  
**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.061 W/kg**



0 dB = 0.144 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

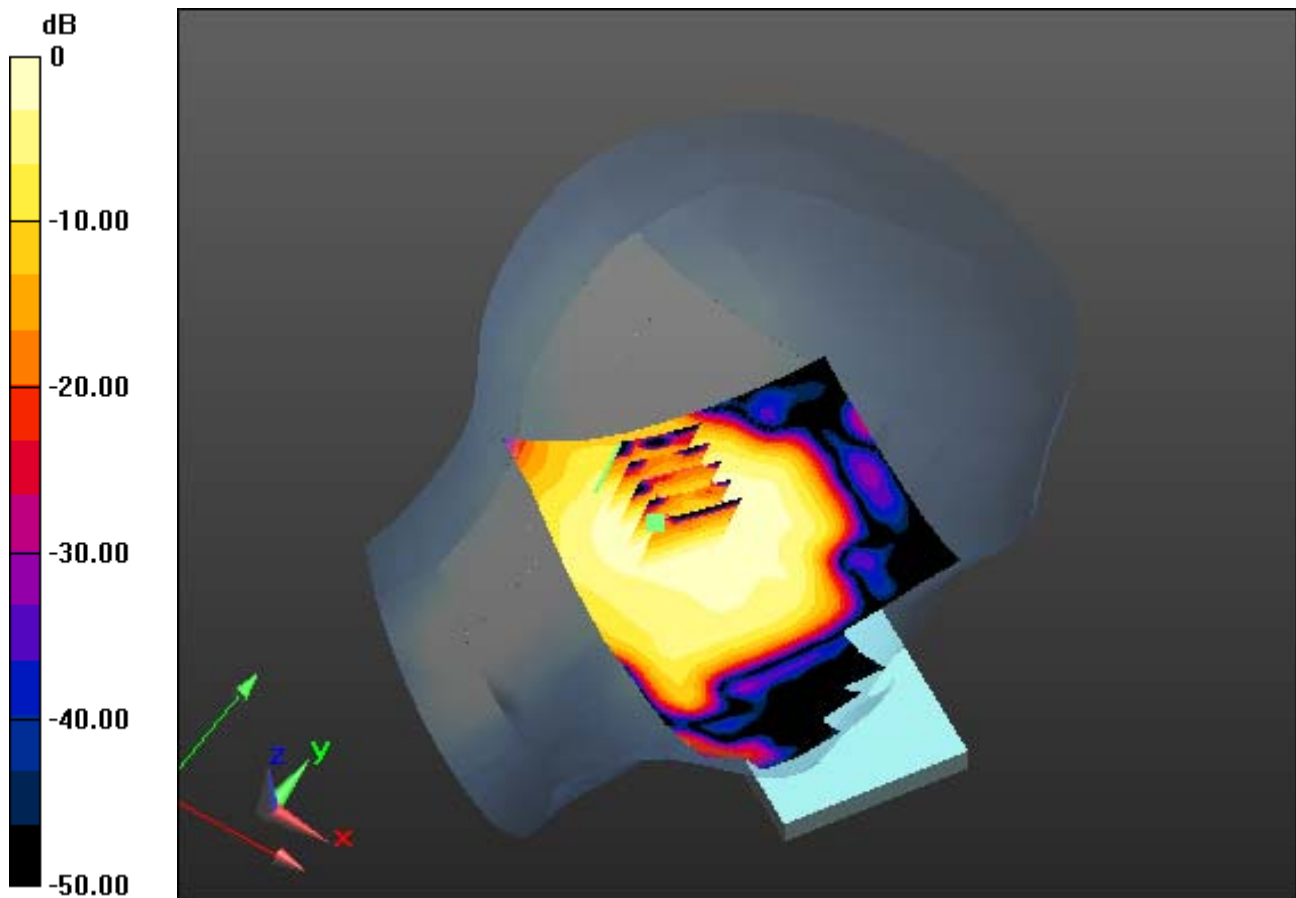
**Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

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

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.278 mW/g

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.078 W/kg



0 dB = 0.205 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

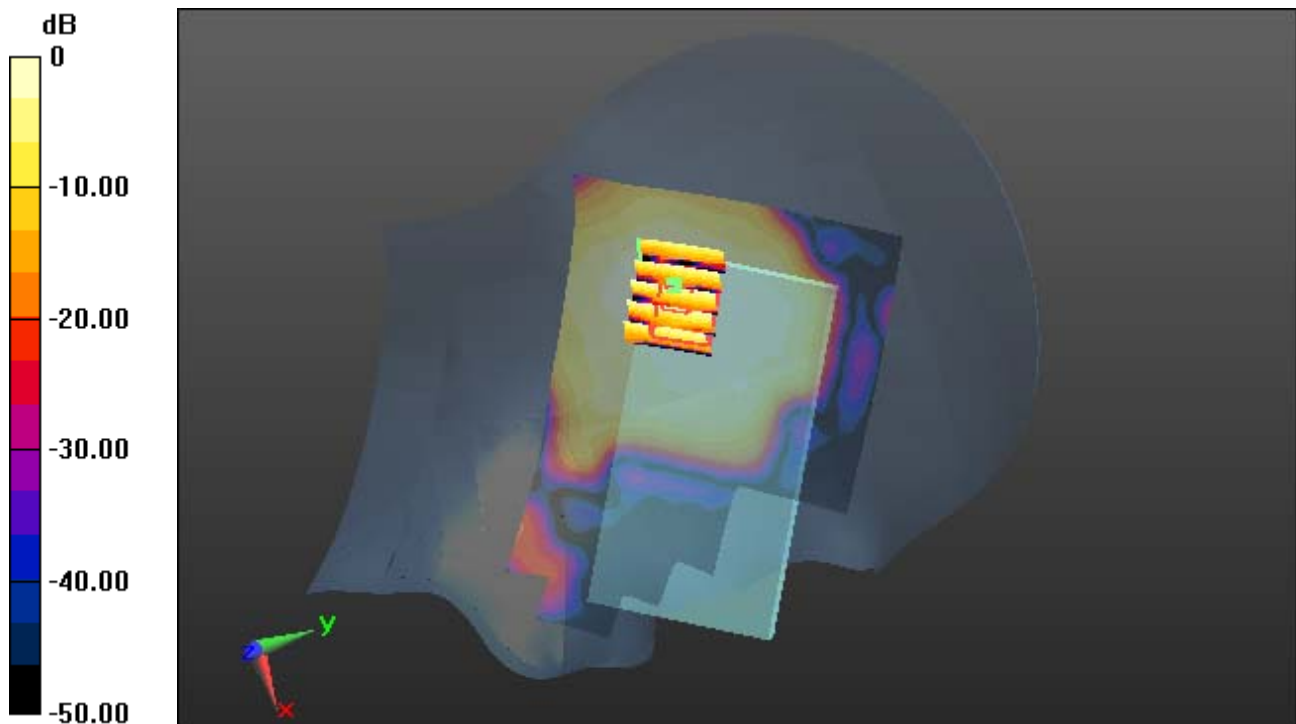
## **DASY5 Configuration:**

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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

## **Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, W/ Device Location**

**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 0.278 mW/g  
**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.078 W/kg**



0 dB = 0.205 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

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

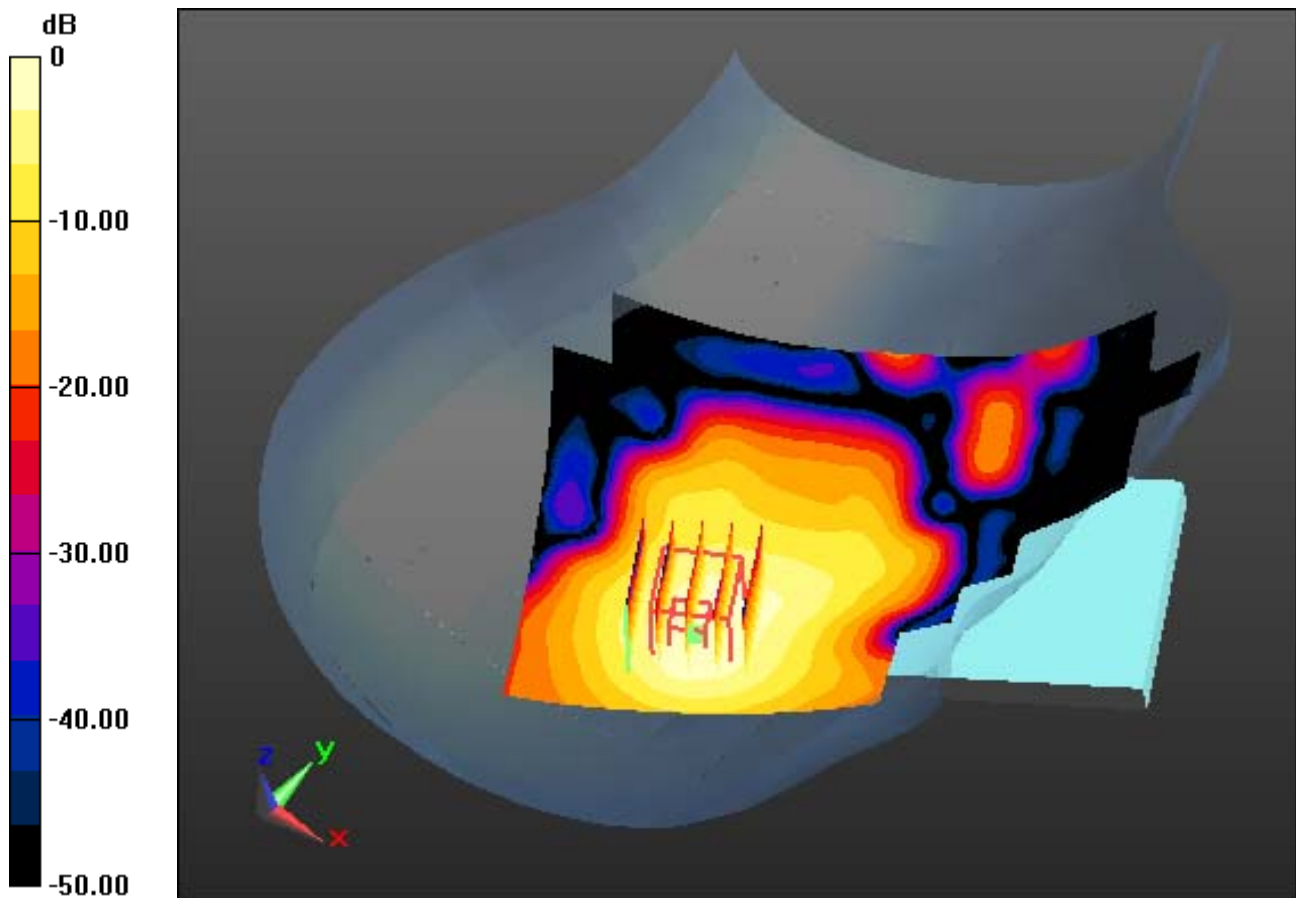
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.789 mW/g

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.174 W/kg



0 dB = 0.521 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

## **Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, W/ Device Location**

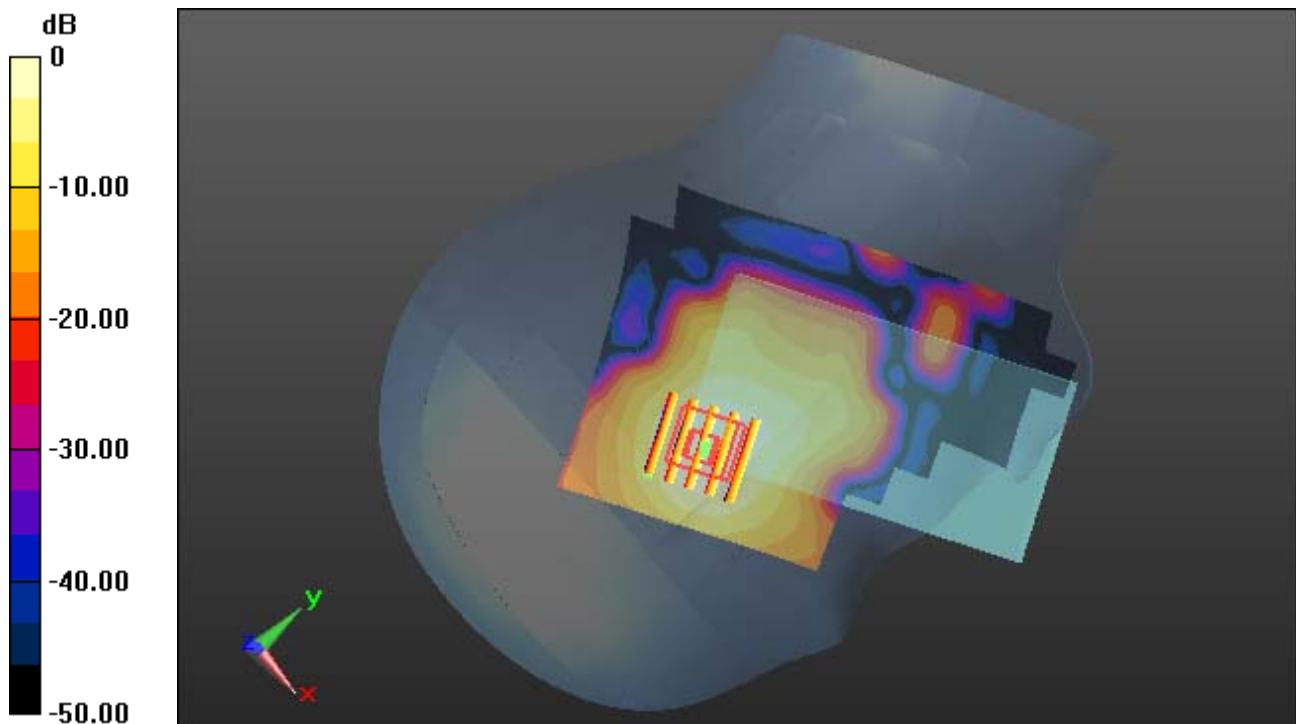
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.789 mW/g

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.174 W/kg



0 dB = 0.521 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

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

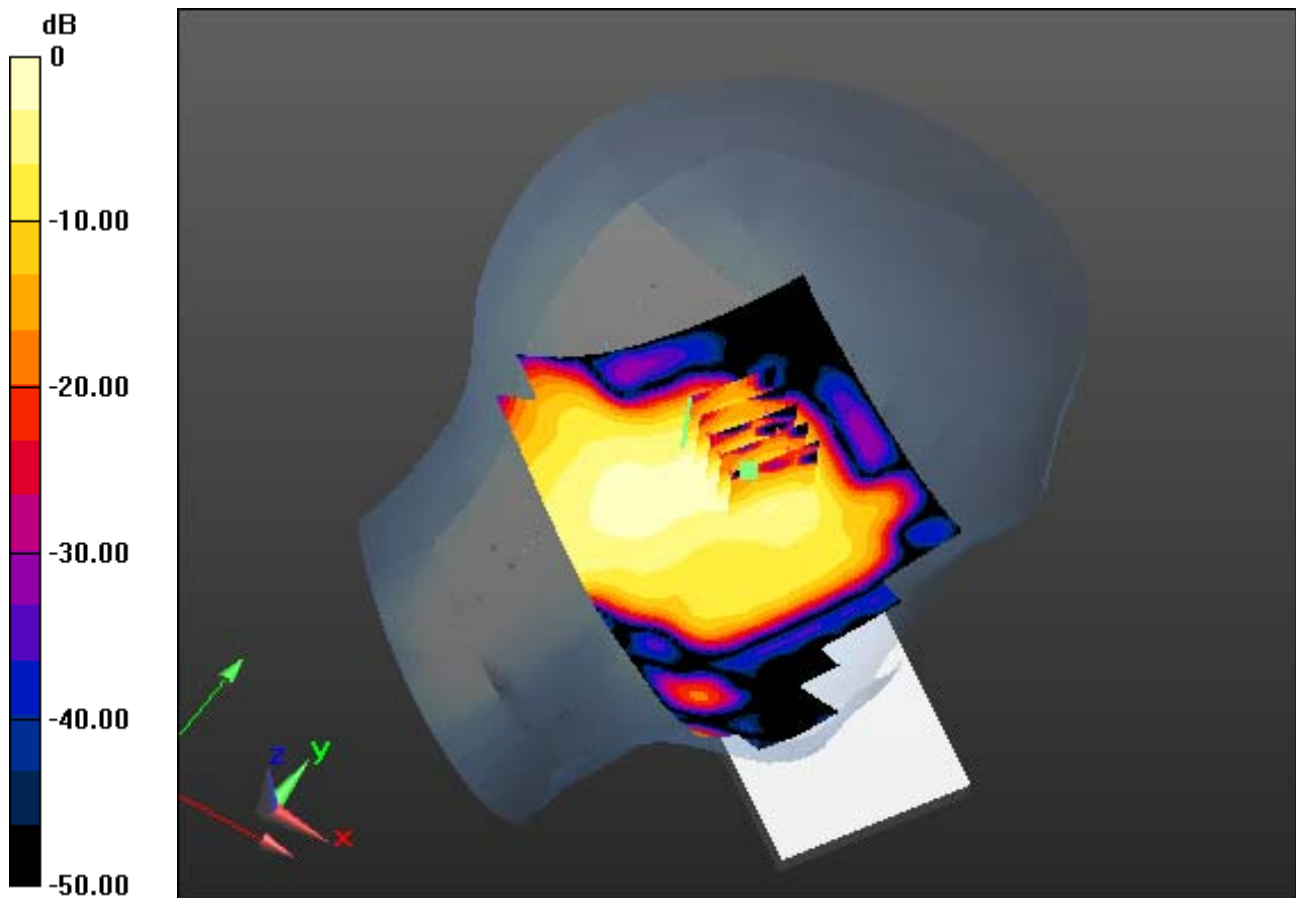
**Area Scan (81x131x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.214 mW/g

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.158 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

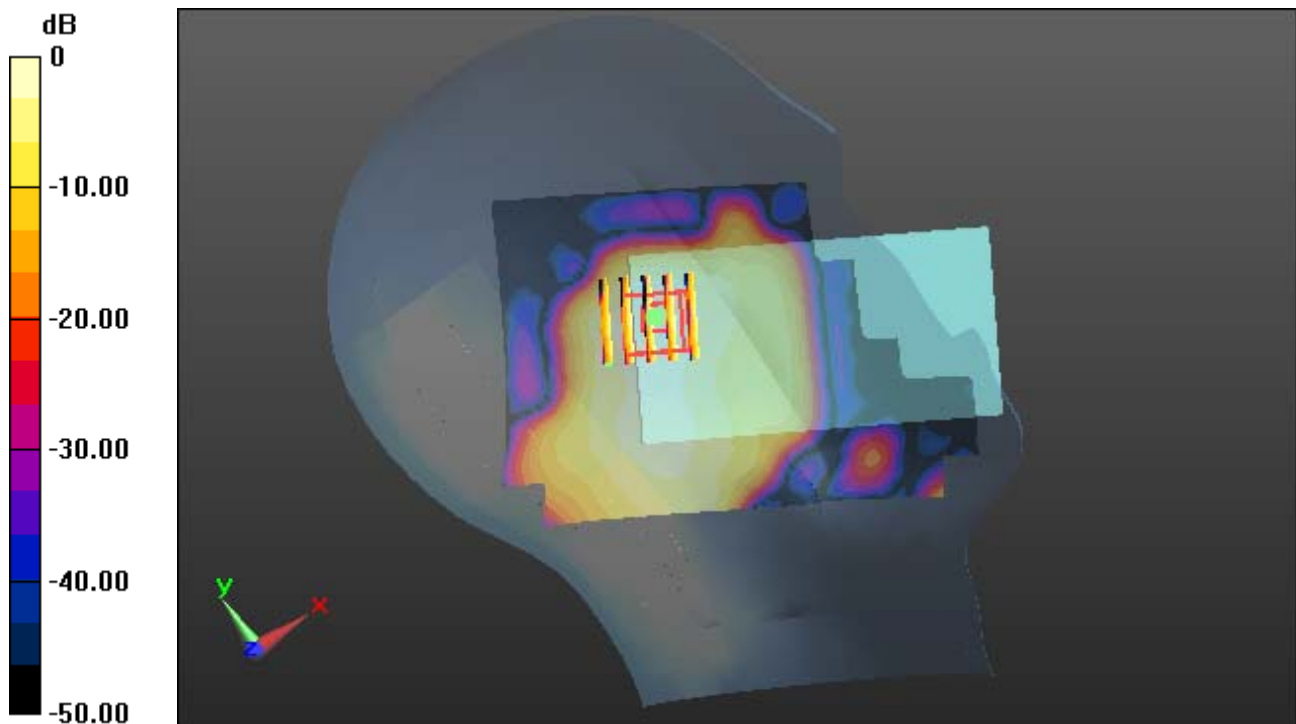
## **DASY5 Configuration:**

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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

## **Left Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, W/ Device Location**

**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) = 0.214 mW/g  
**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.052 W/kg**



0 dB = 0.158 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

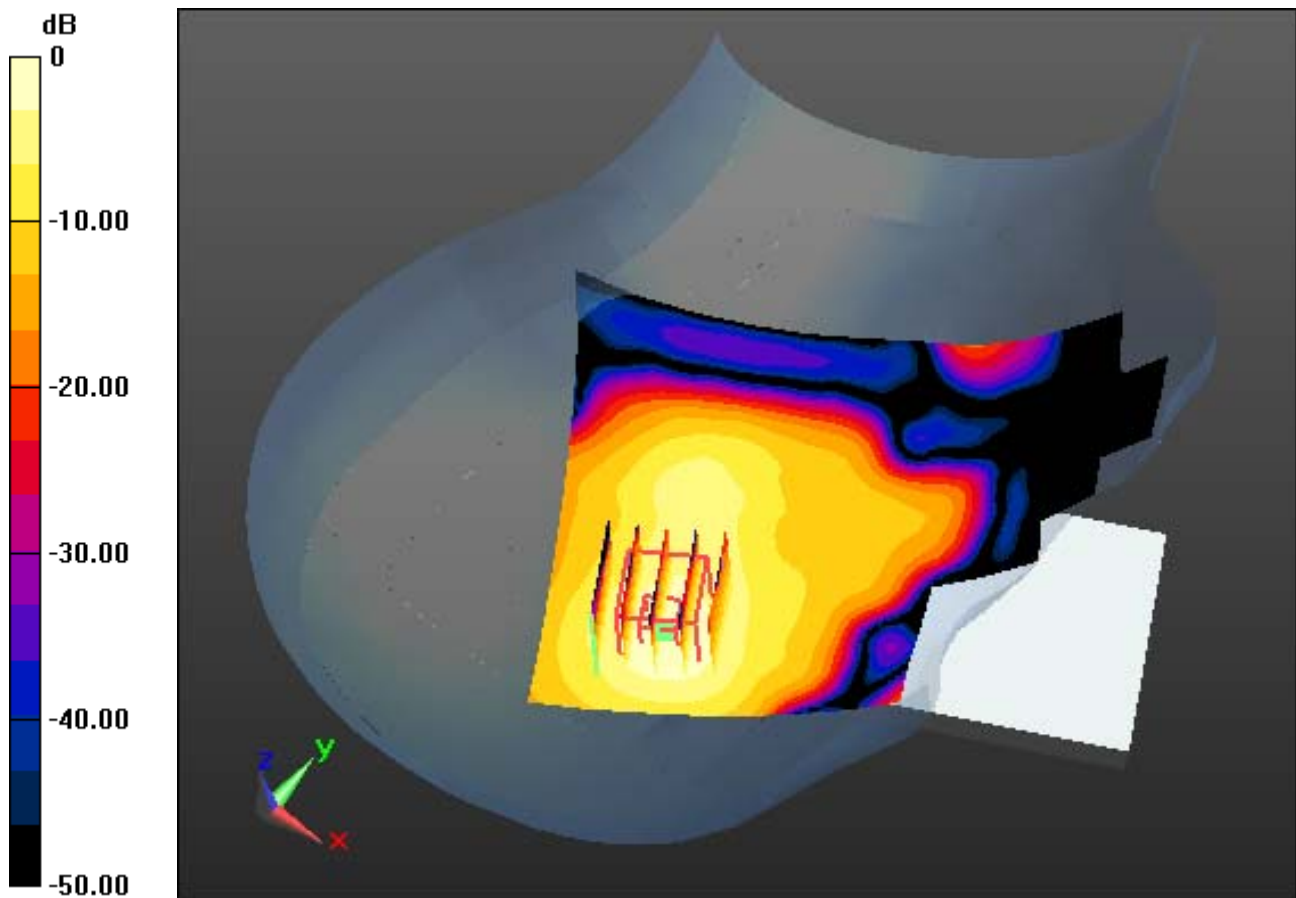
## **DASY5 Configuration:**

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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

**Right Tilt, W-LAN(802.11b) Ch. 11, 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 = 0.12 dB  
Peak SAR (extrapolated) = 0.484 mW/g  
**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.099 W/kg**



0 dB = 0.334 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.865$  mho/m;  $\epsilon_r = 37.595$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

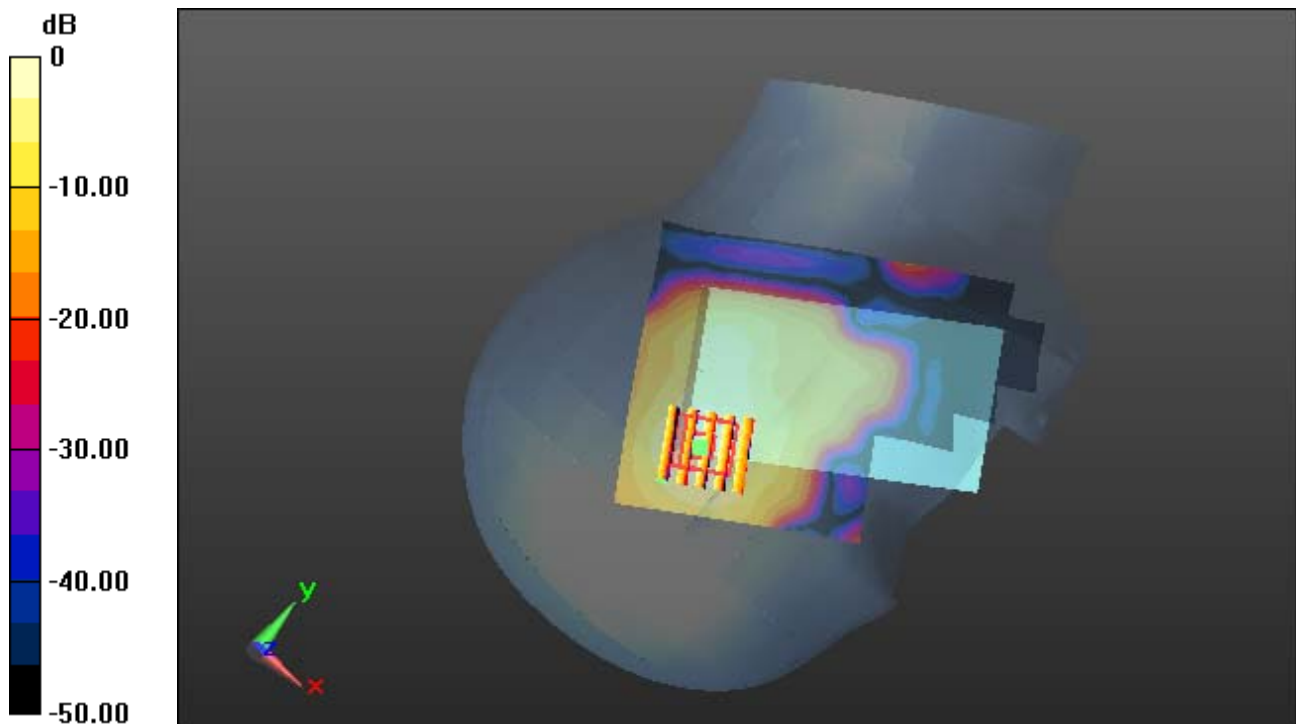
## **DASY5 Configuration:**

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: 2012-08-29; Ambient Temp: 22.1; Tissue Temp: 22.2

## **Right Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, W/ Device Location**

**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) = 0.484 mW/g  
**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.099 W/kg**



0 dB = 0.334 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

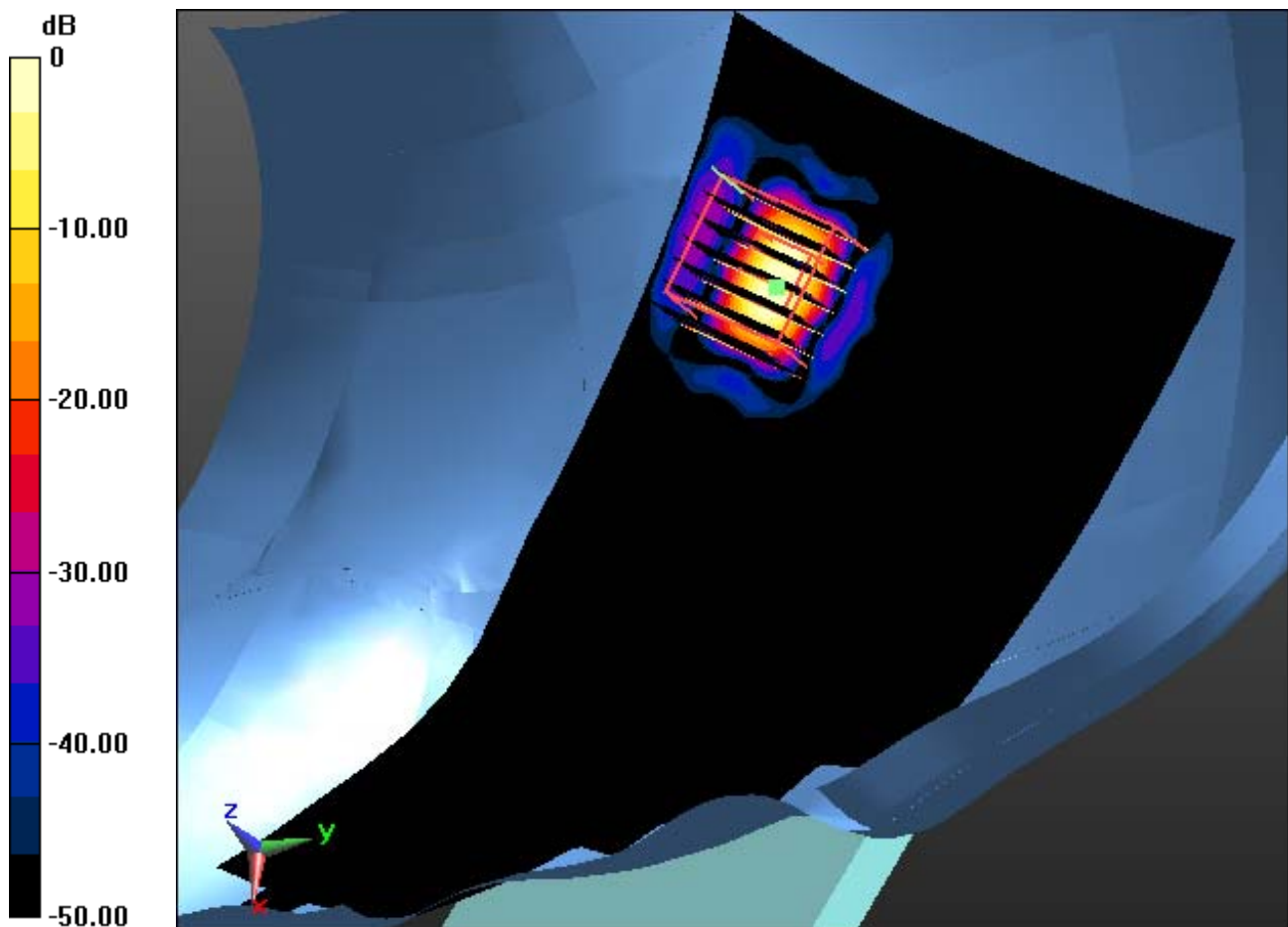
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Touch, W-LAN(802.11a - 5.8G Band) Ch. 157, Ant Internal, Standard Battery**

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 0.396 mW/g  
**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.00981 W/kg**



0 dB = 0.0492 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

**Left Touch, W-LAN(802.11a - 5.8 G Band) Ch. 157, Ant Internal, W/ Device Location**

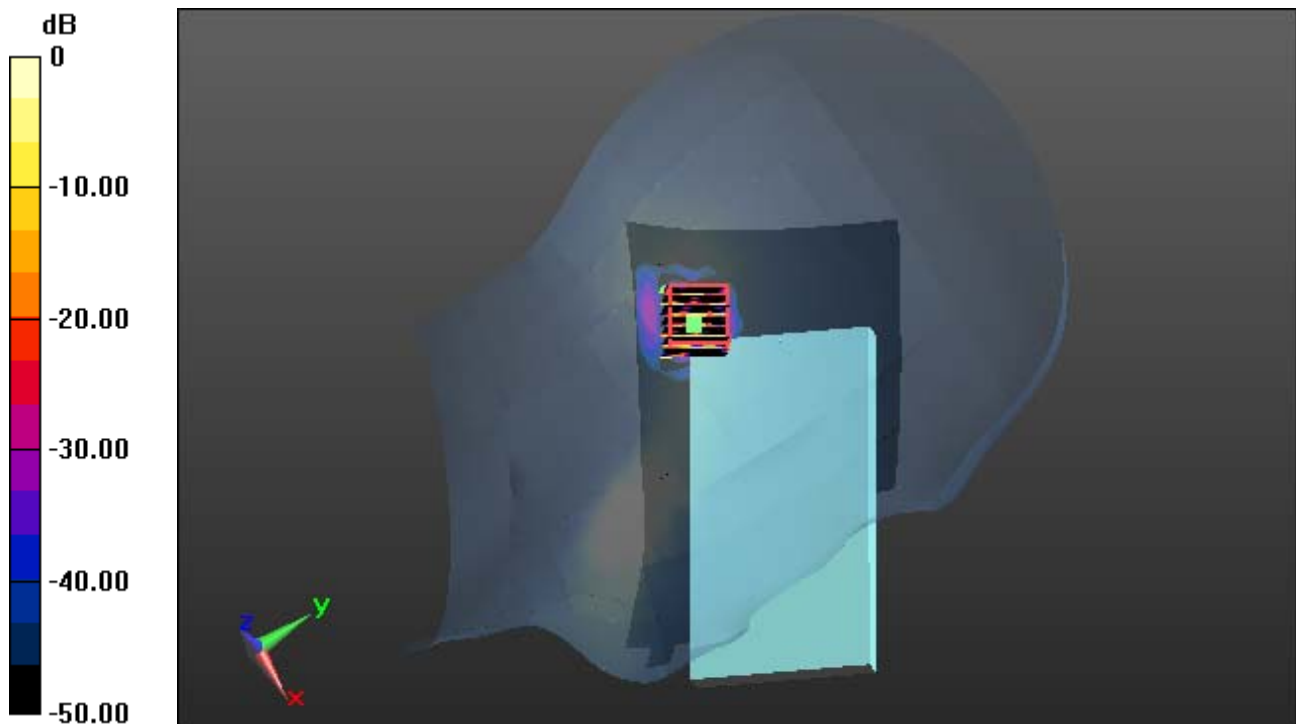
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.396 mW/g

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.00981 W/kg**



0 dB = 0.0492 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Right Touch, W-LAN(802.11a - 5.8G Band) Ch. 157, Ant Internal, Standard Battery**

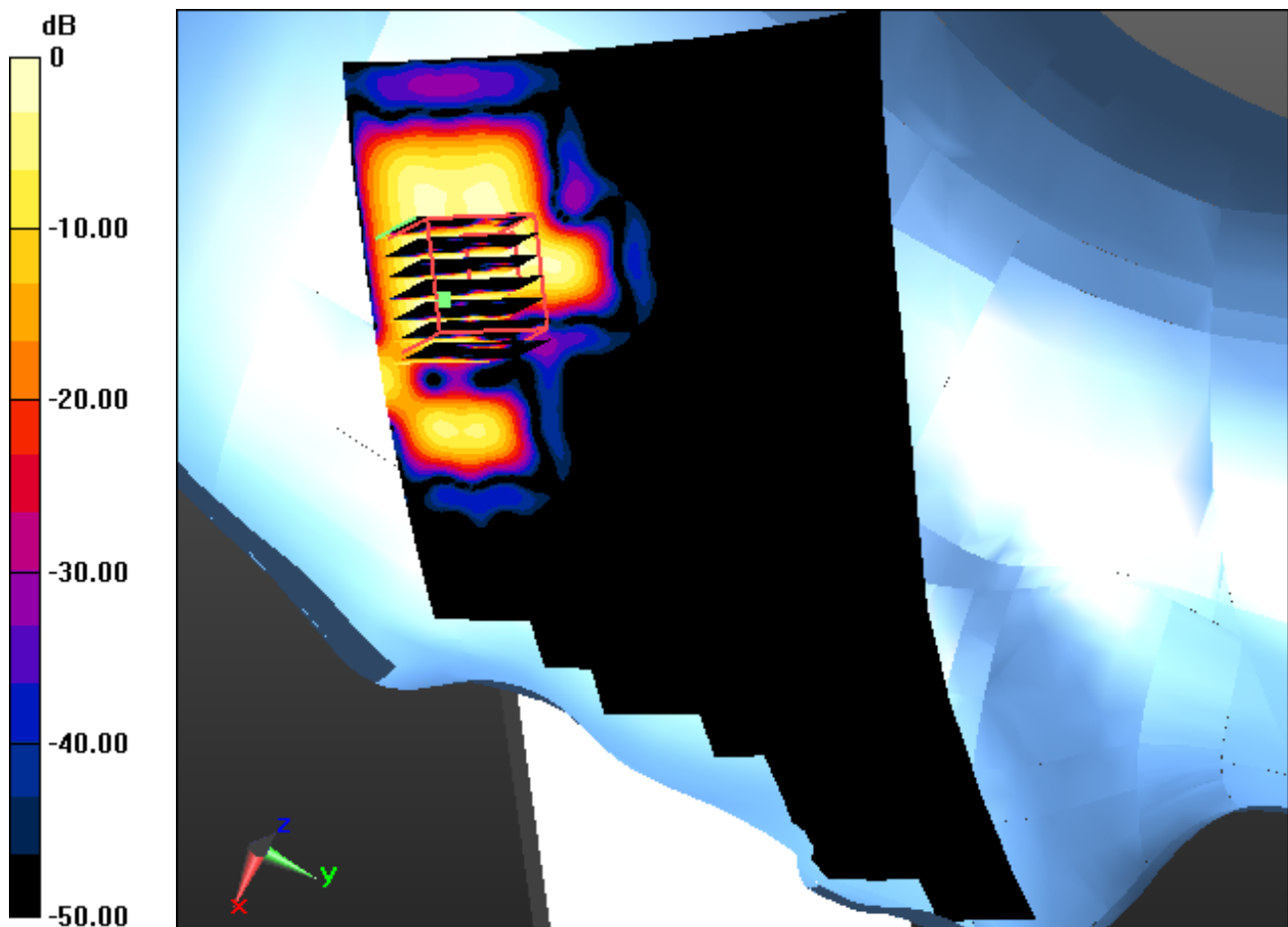
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.455 mW/g

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.017 W/kg



0 dB = 0.119 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

**Right Touch, W-LAN(802.11a - 5.8 G Band) Ch. 157, Ant Internal, W/ Device Location**

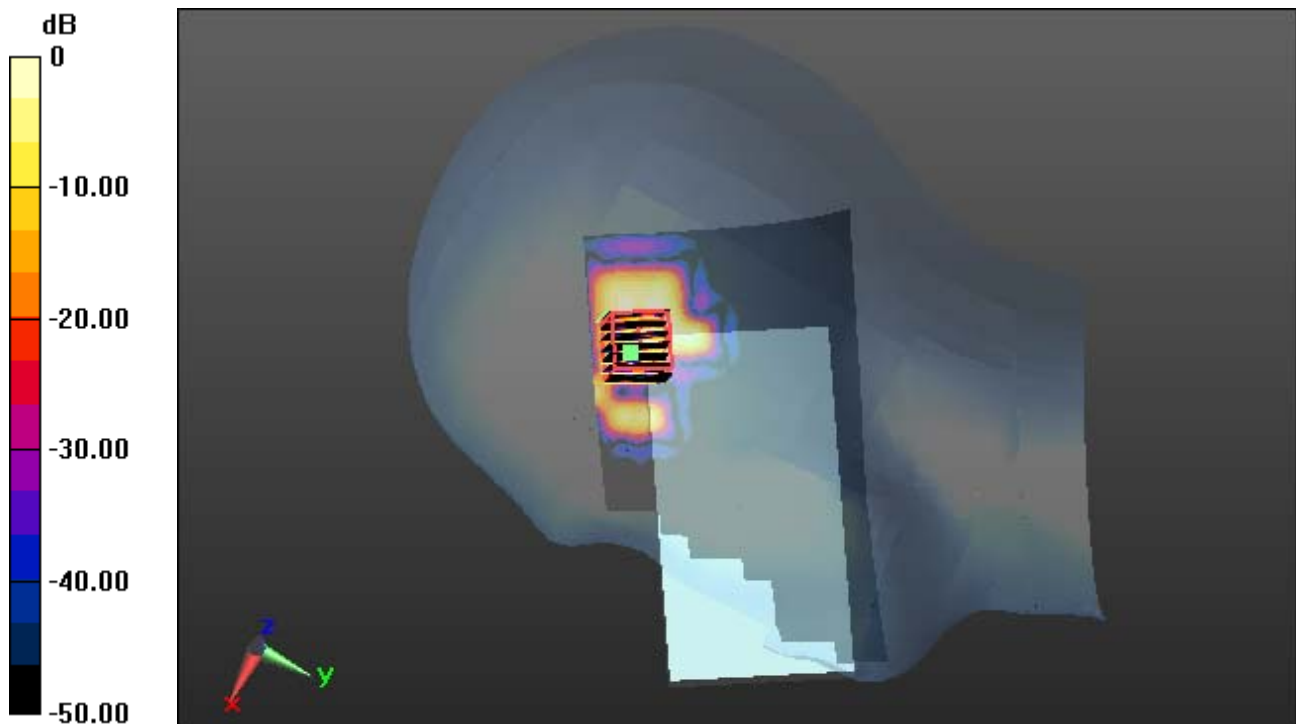
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.455 mW/g

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.017 W/kg**



0 dB = 0.119 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

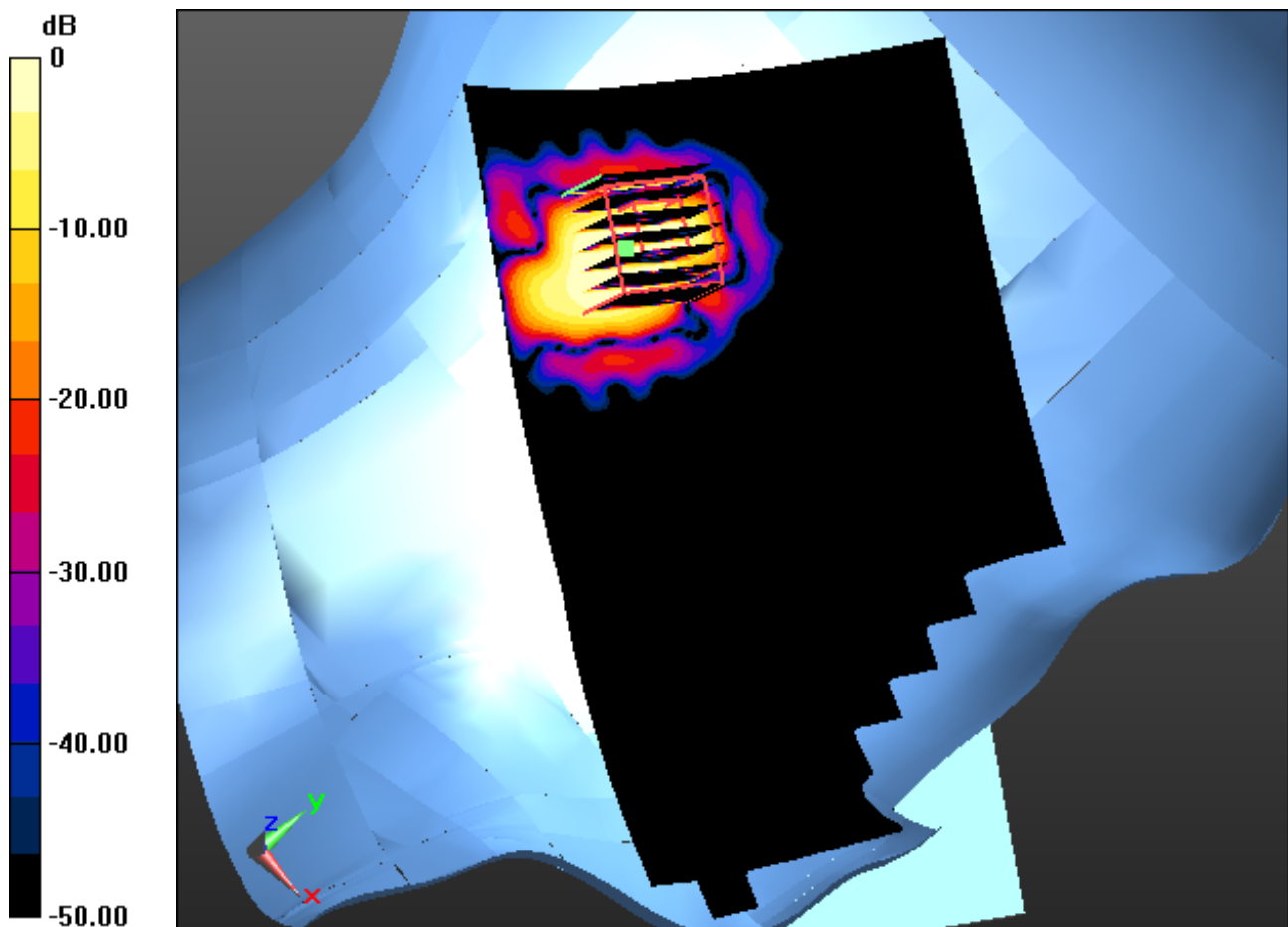
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Tilt, W-LAN(802.11a - 5.8G Band) Ch. 157, Ant Internal, Standard Battery**

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.422 mW/g  
**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.012 W/kg**



0 dB = 0.0633 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Left Tilt, W-LAN(802.11a - 5.8 G Band) Ch. 157, Ant Internal, W/ Device Location**

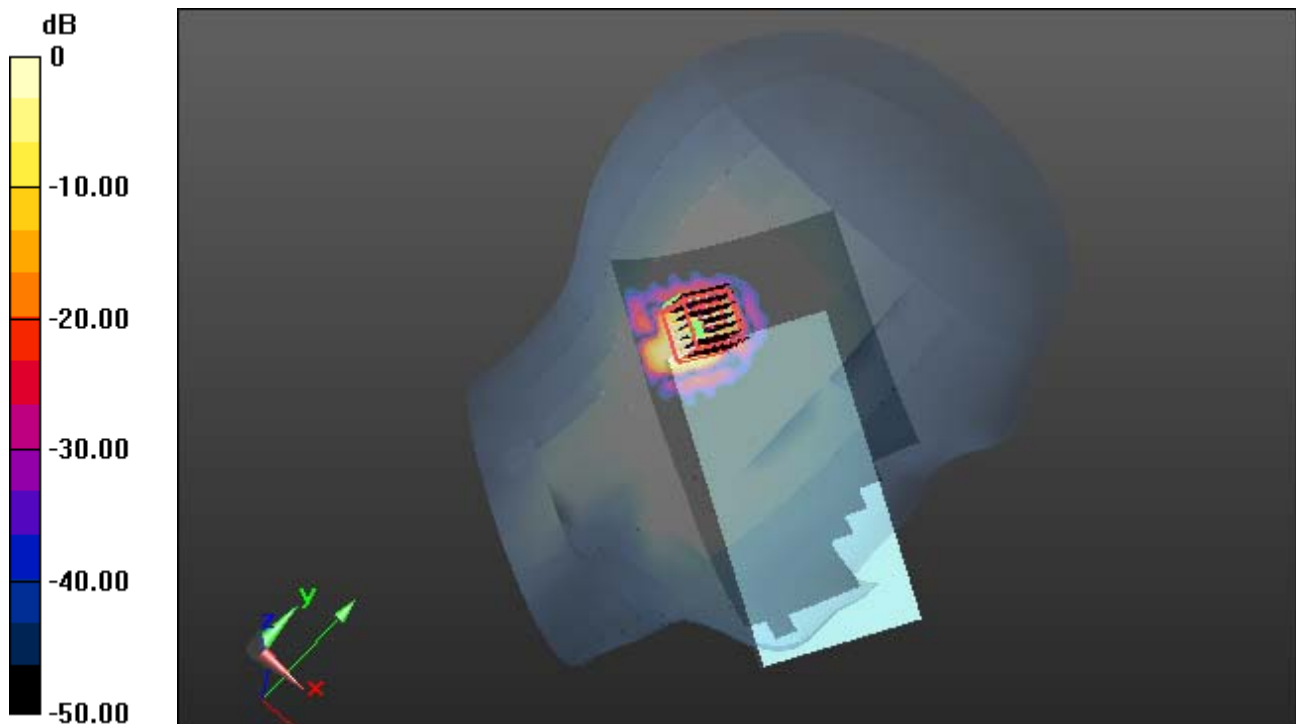
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.422 mW/g

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.012 W/kg**



0 dB = 0.0633 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM;  
Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Test Date: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Right Tilt, W-LAN(802.11a - 5.8G Band) Ch. 157, Ant Internal, Standard Battery**

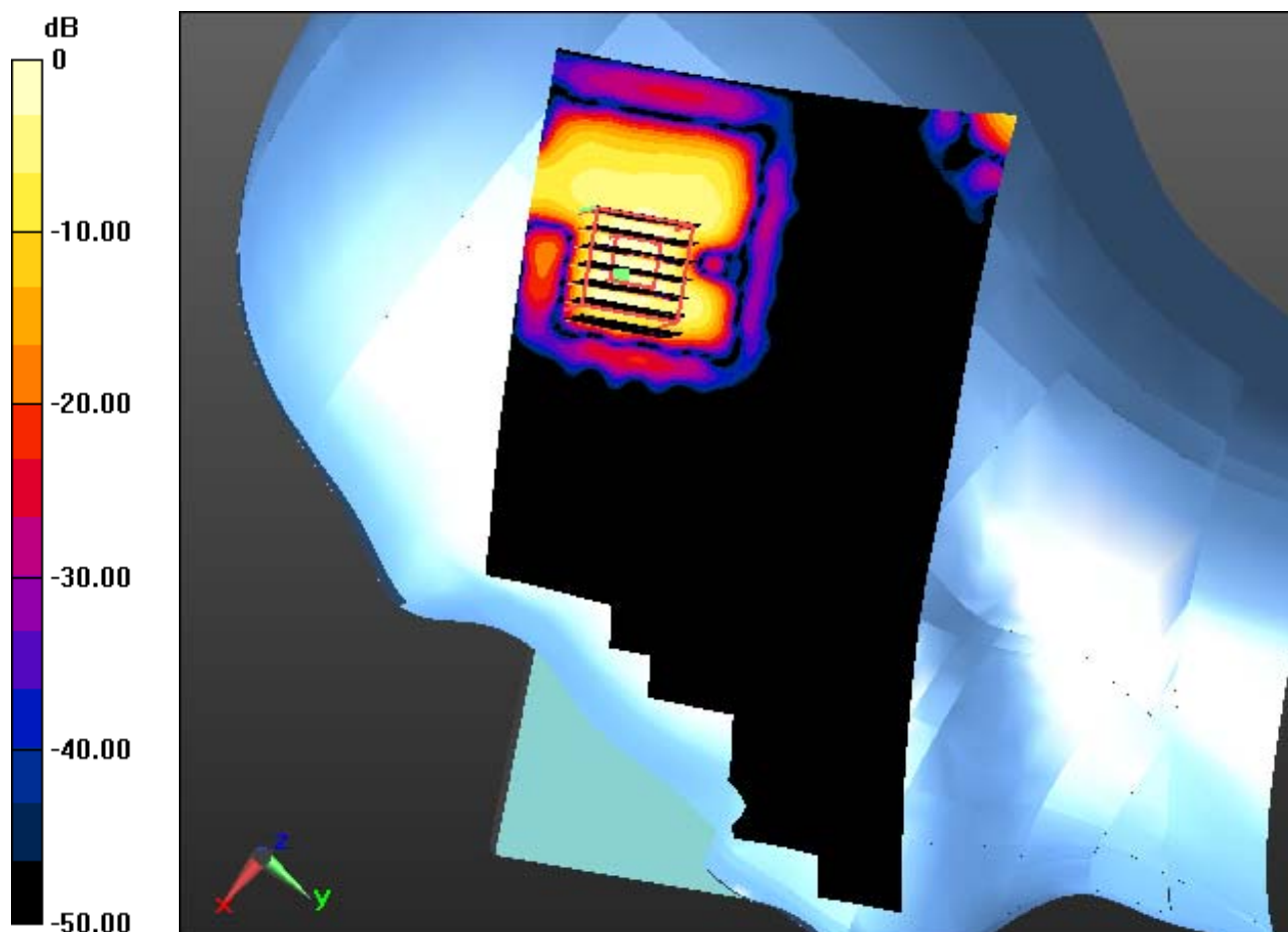
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.418 mW/g

**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.016 W/kg**



0 dB = 0.112 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5800; Frequency: 5785 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.368$  mho/m;  $\epsilon_r = 35.025$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.16, 4.16, 4.16); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Right Tilt, W-LAN(802.11a - 5.8 G Band) Ch. 157, Ant Internal, W/ Device Location**

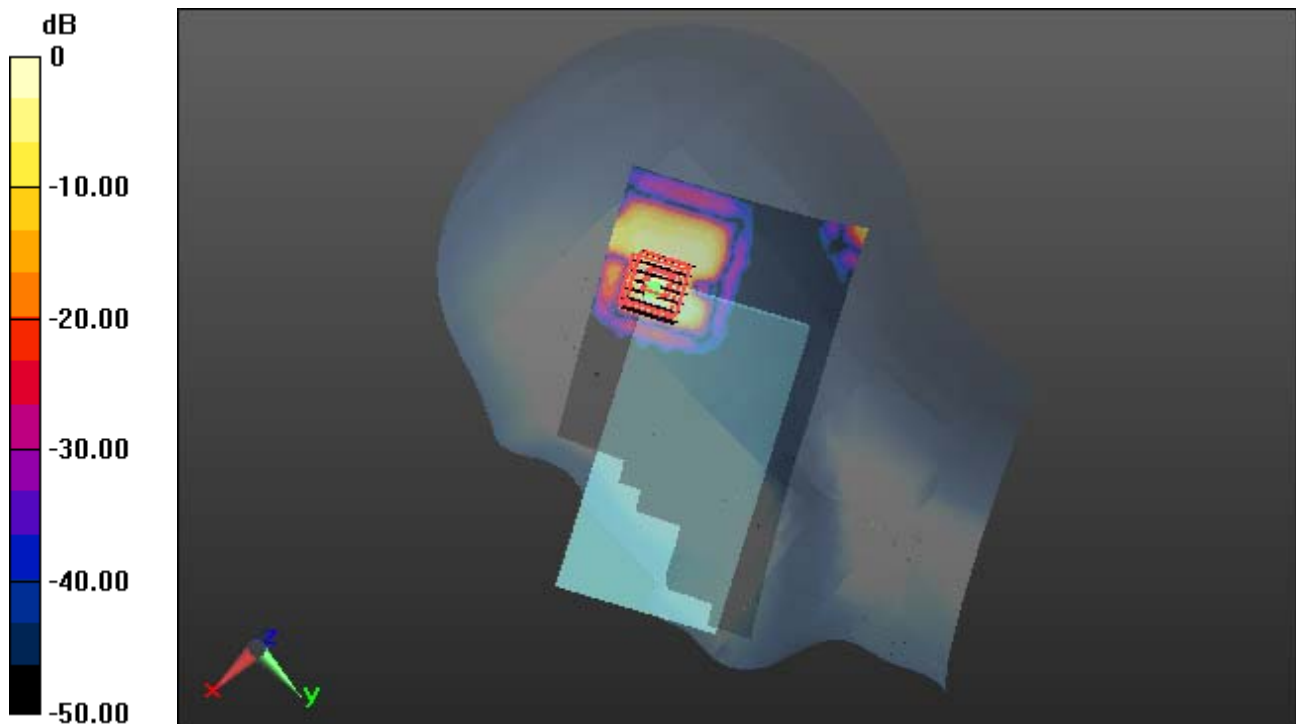
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.418 mW/g

**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.016 W/kg**



0 dB = 0.112 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Touch, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery**

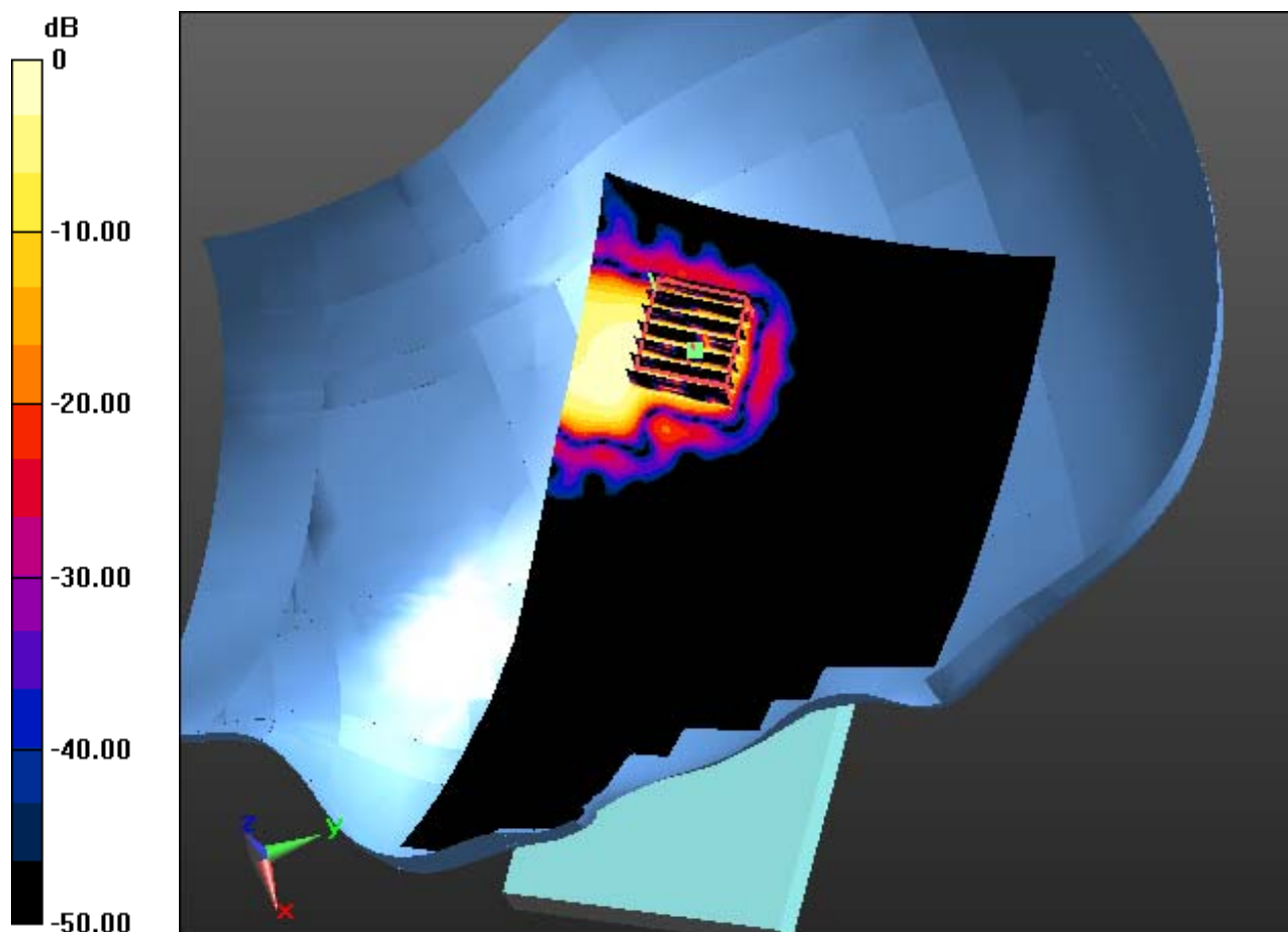
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.302 mW/g

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.0884 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Left Touch, W-LAN(802.11a - 5.2 G Band) Ch. 36, Ant Internal, W/ Device Location**

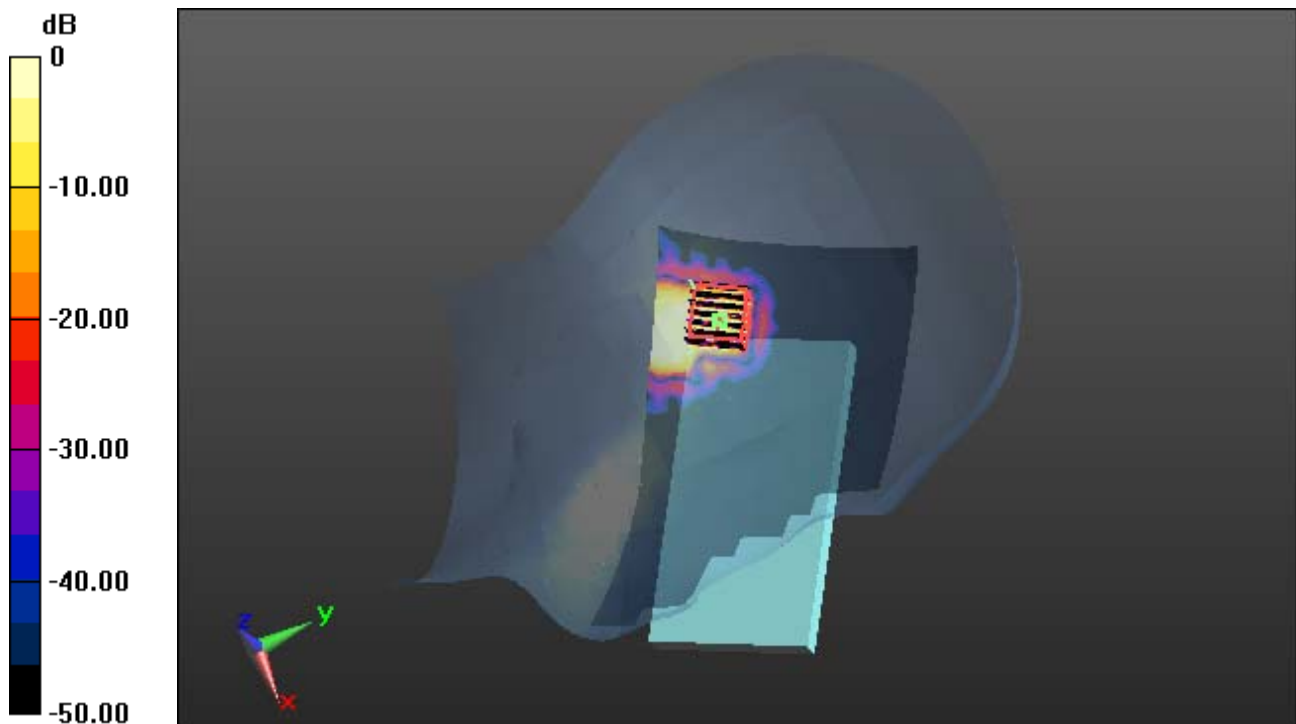
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.302 mW/g

**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.011 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Right Touch, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery**

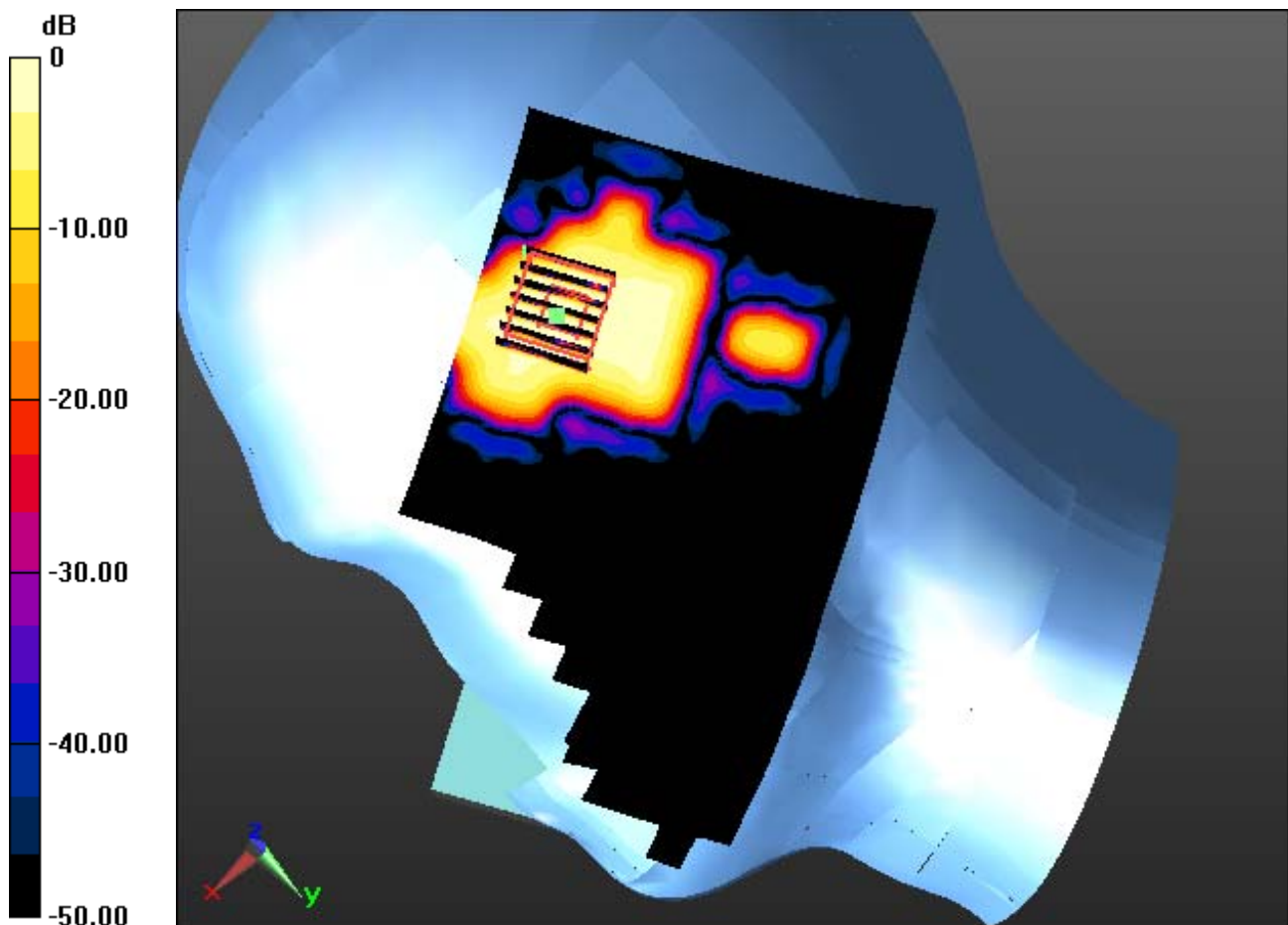
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.310 mW/g

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.170 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Right Touch, W-LAN(802.11a - 5.2 G Band) Ch. 36, Ant Internal, W/ Device Location**

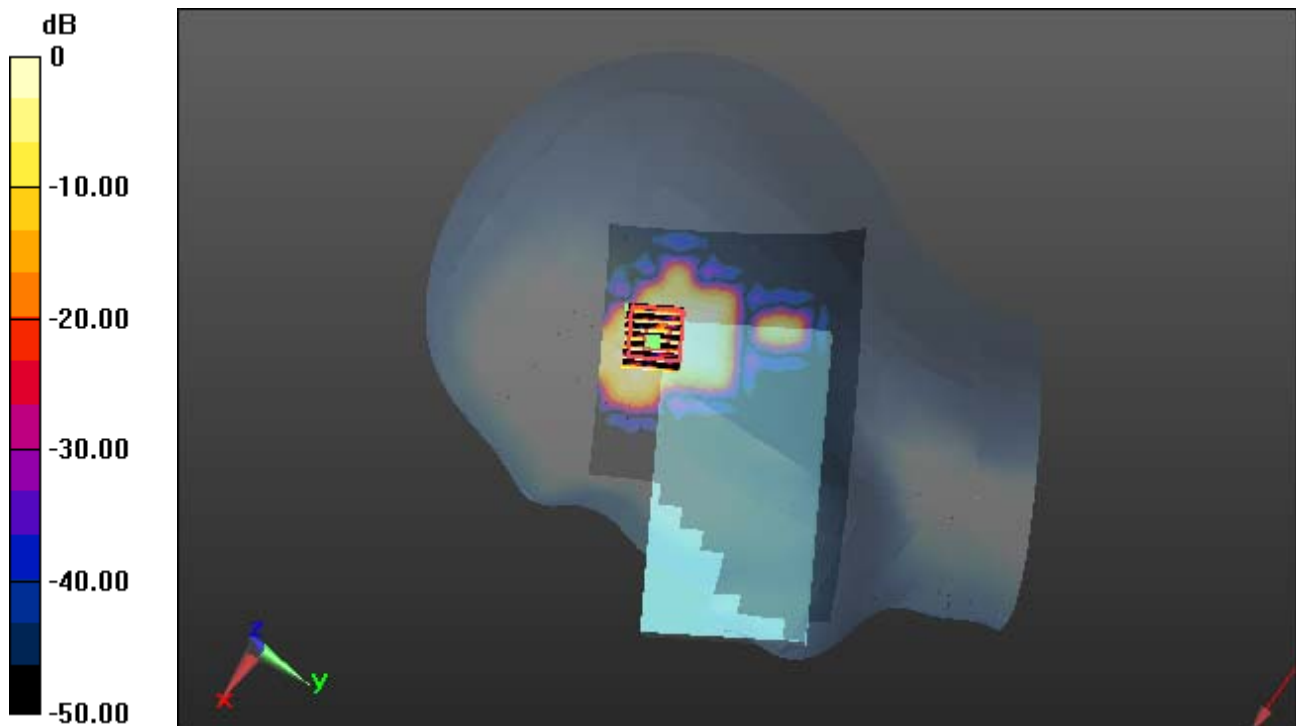
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.310 mW/g

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.172 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Tilt, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery**

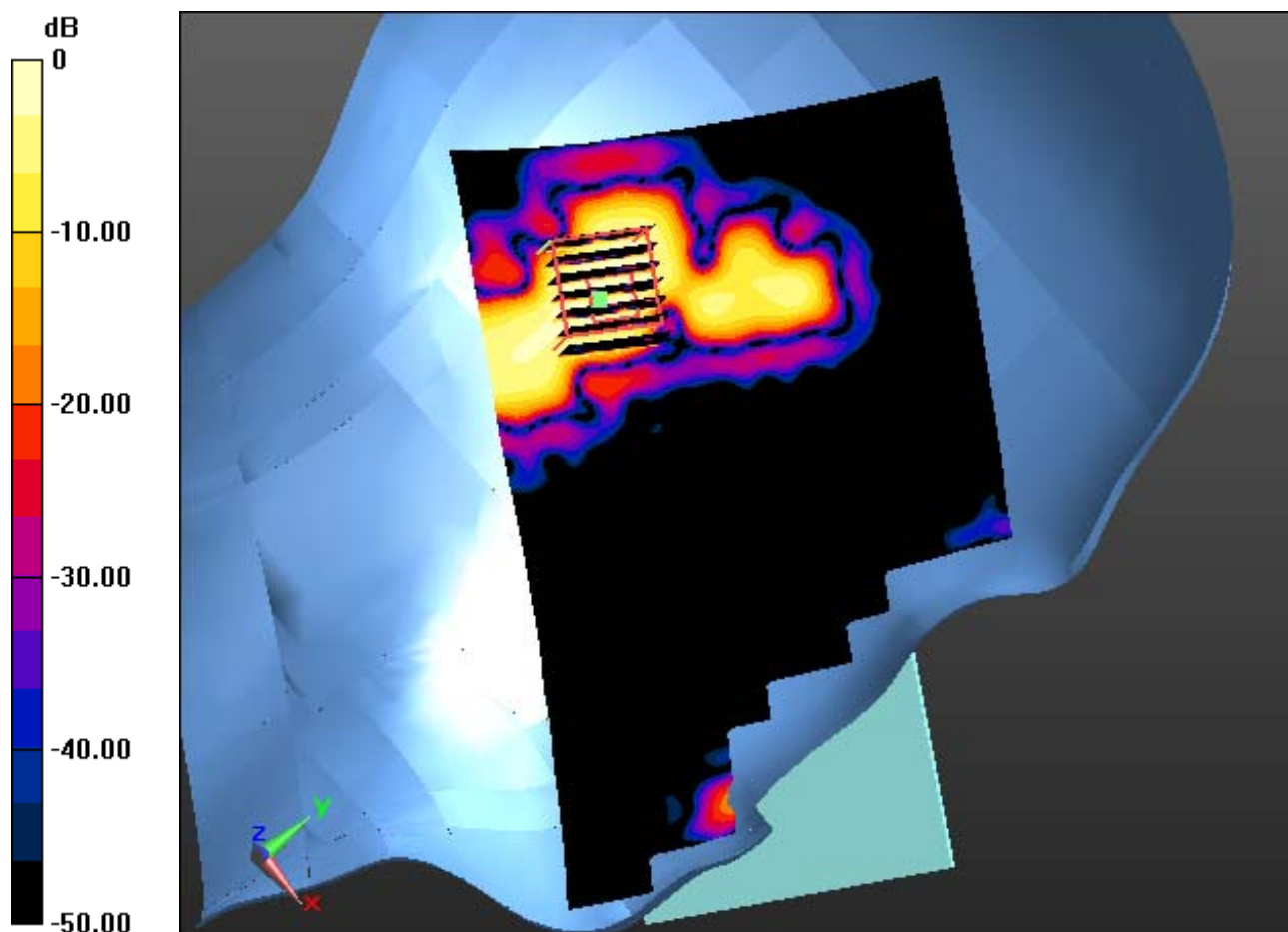
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.341 mW/g

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.0937 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 4.716 \text{ mho/m}$ ;  $\epsilon_r = 35.096$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Left Tilt, W-LAN(802.11a - 5.2 G Band) Ch. 36, Ant Internal, W/ Device Location**

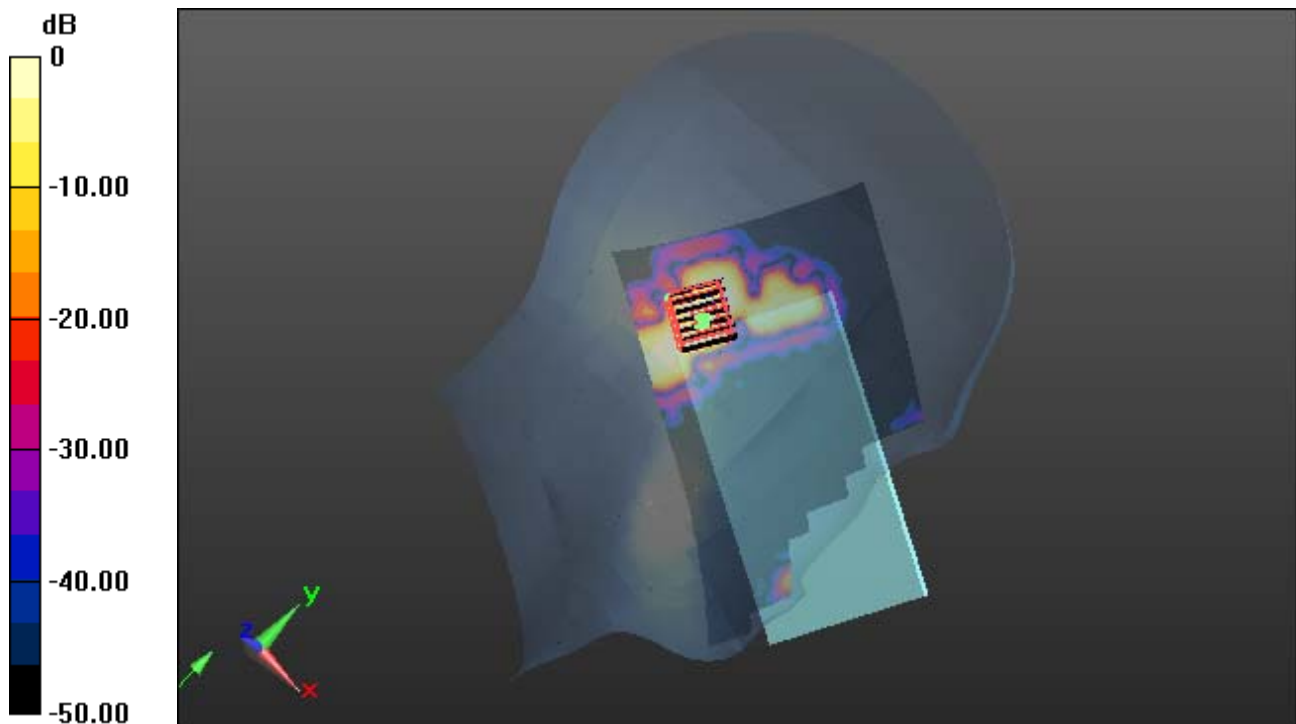
**Area Scan (111x181x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.341 mW/g

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.013 W/kg**



0 dB = 0.0727 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Right Tilt, W-LAN(802.11a - 5.2G Band) Ch. 36, Ant Internal, Standard Battery**

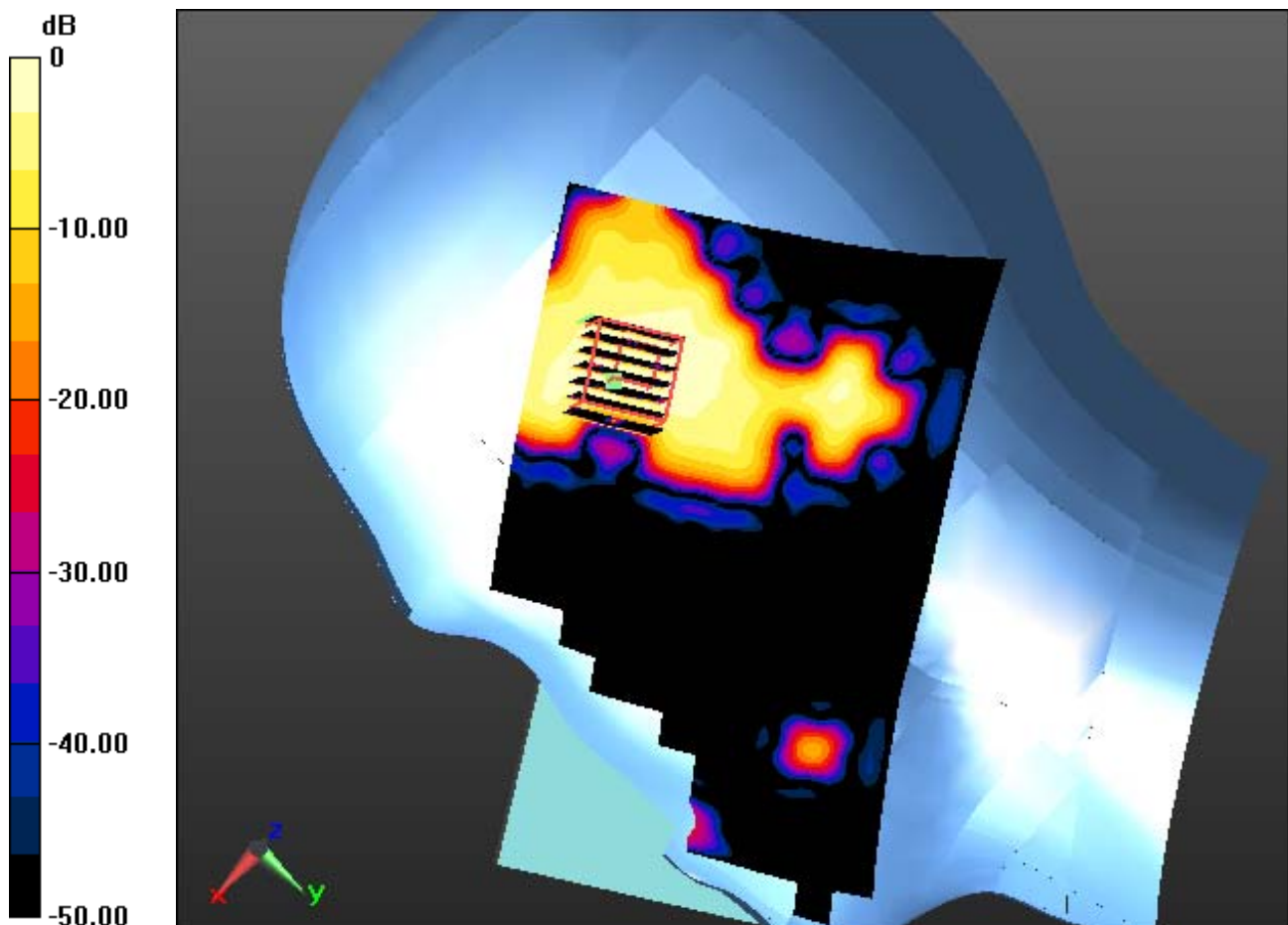
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.211 mW/g

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.018 W/kg



0 dB = 0.117 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5200; Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.716$  mho/m;  $\epsilon_r = 35.096$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.94, 4.94, 4.94); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

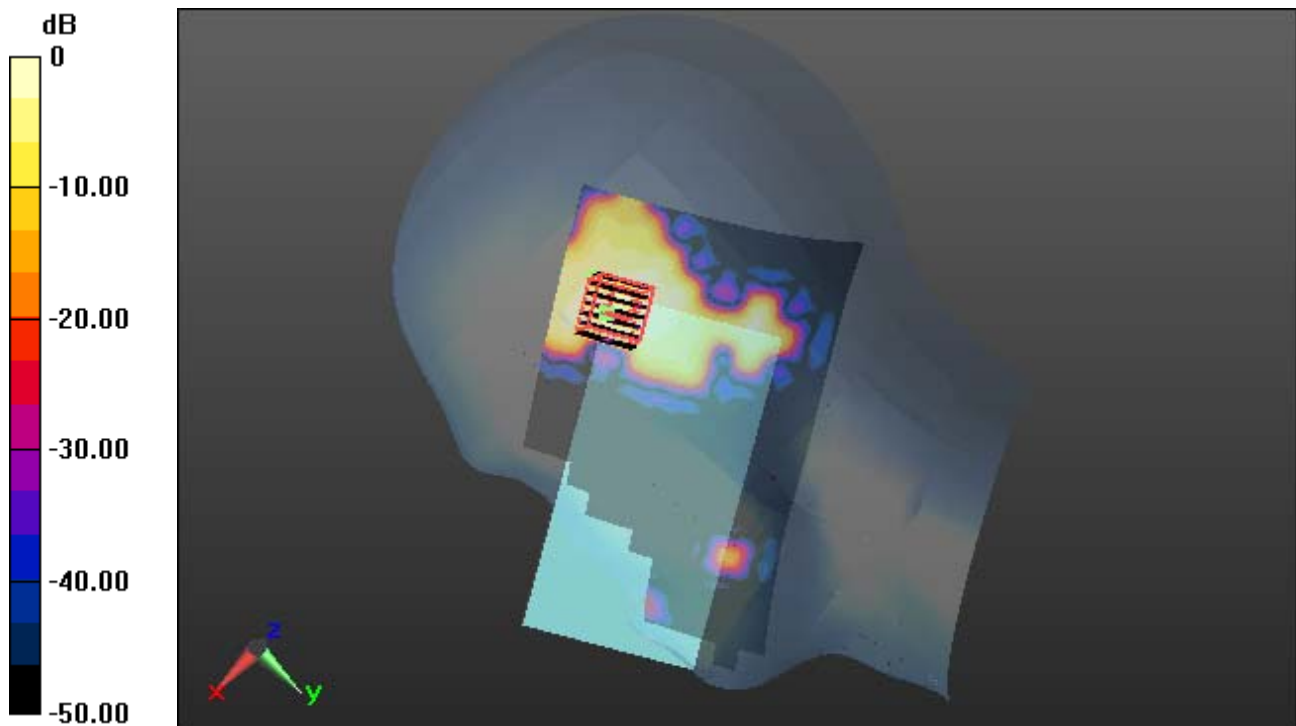
## **Right Tilt, W-LAN(802.11a - 5.2 G Band) Ch. 36, Ant Internal, W/ Device Location**

**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.211 mW/g

**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.018 W/kg**



0 dB = 0.117 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.811$  mho/m;  $\epsilon_r = 35.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

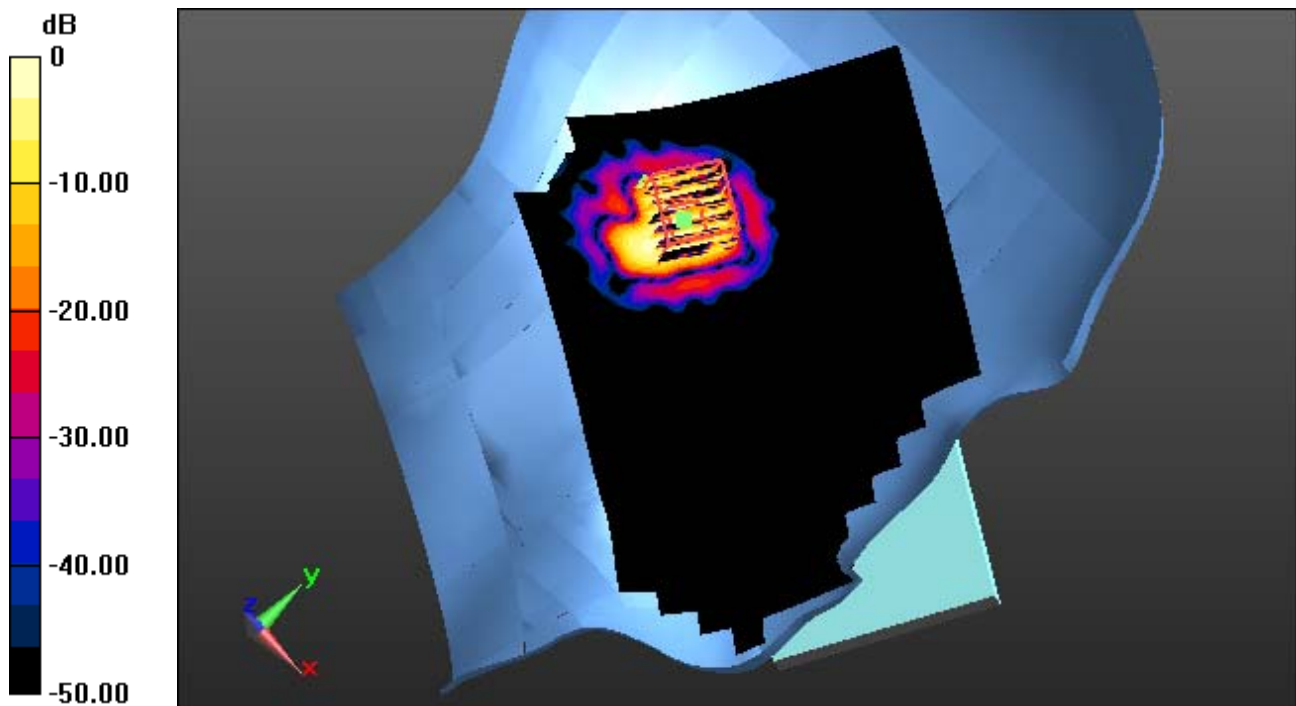
**Left Touch, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, Standard Battery**

**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.365 mW/g

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00599 W/kg



0 dB = 0.0544 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.811$  mho/m;  $\epsilon_r = 35.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

## **Left Touch, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, W/ Device Location**

**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.365 mW/g

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00599 W/kg



0 dB = 0.0544 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.811$  mho/m;  $\epsilon_r = 35.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

**Right Touch, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, Standard Battery**

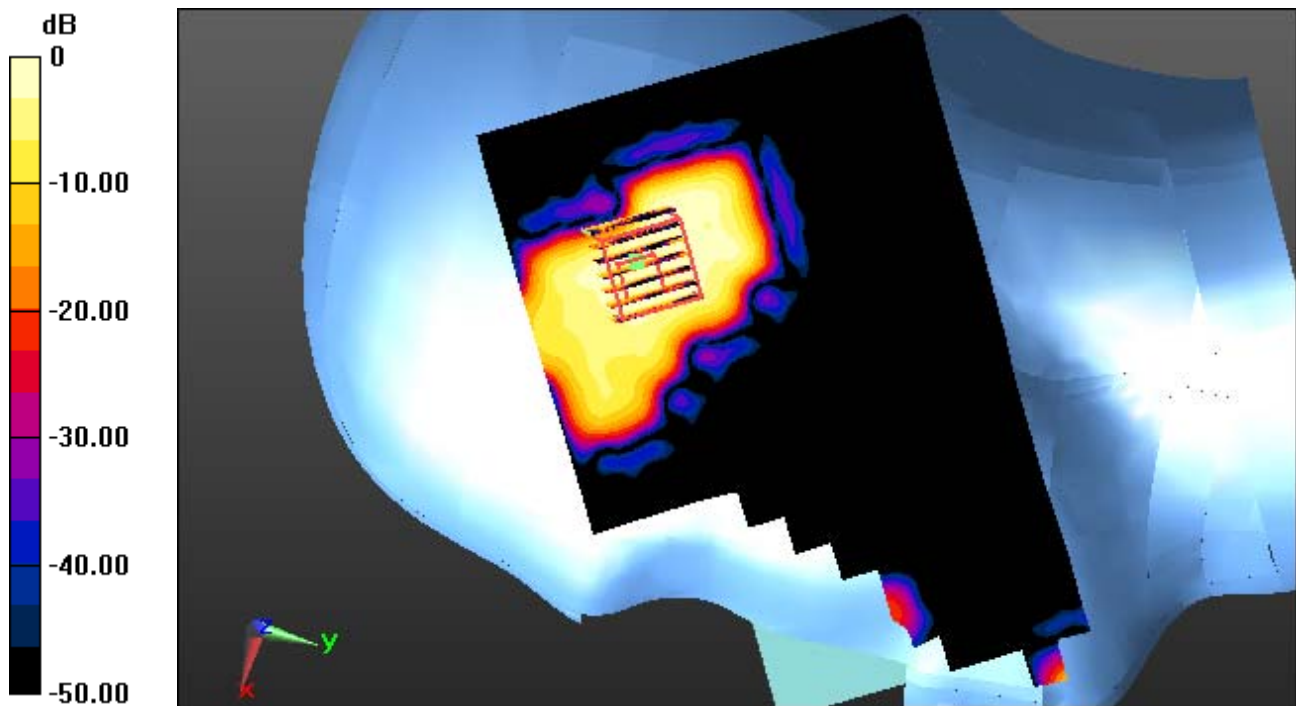
**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.609 mW/g

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.206 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.811$  mho/m;  $\epsilon_r = 35.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

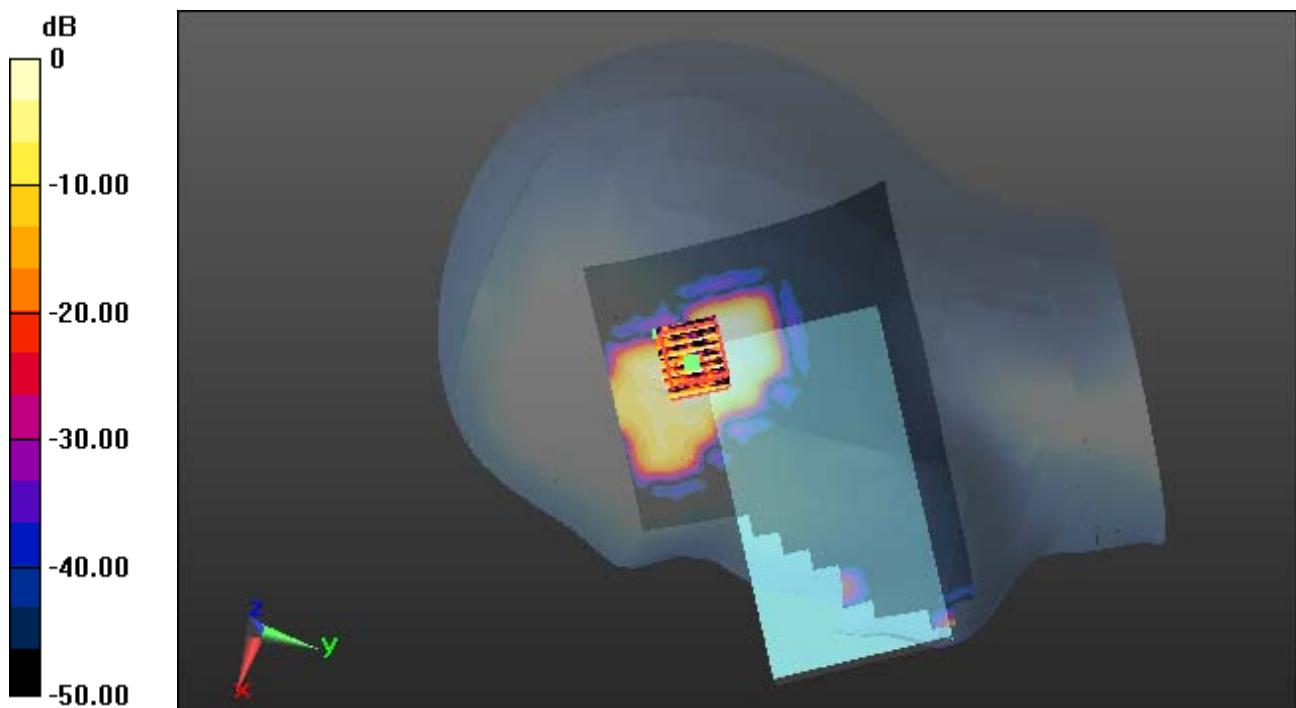
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

## **Right Touch, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, W/ Device Location**

**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 0.609 mW/g  
**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.035 W/kg**



0 dB = 0.206 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.832$  mho/m;  $\epsilon_r = 34.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

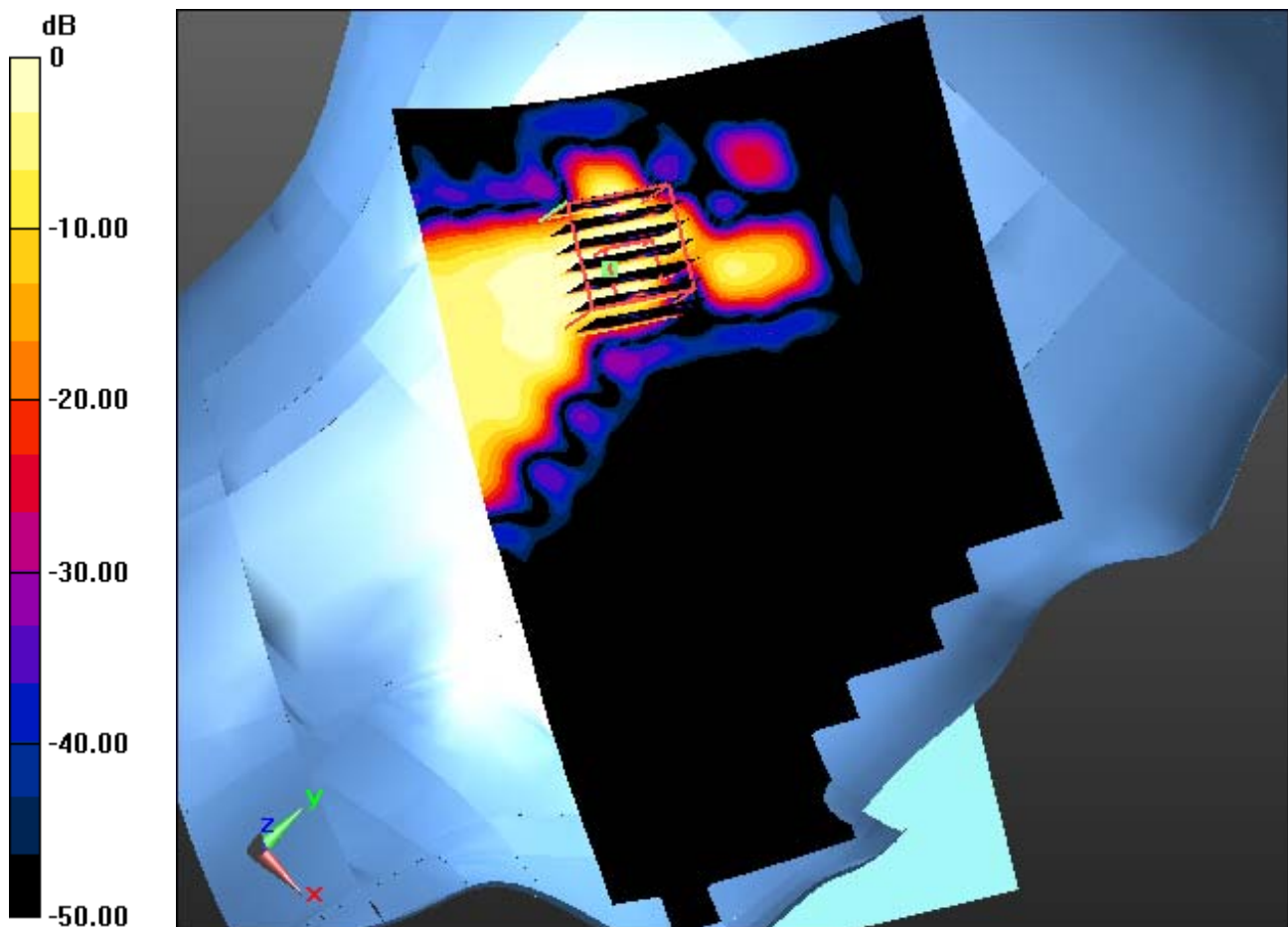
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Tilt, W-LAN(802.11a - 5.3G Band) Ch. 52, Ant Internal, Standard Battery**

**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 0.436 mW/g  
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0797 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.832$  mho/m;  $\epsilon_r = 34.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Left Tilt, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, W/ Device Location**

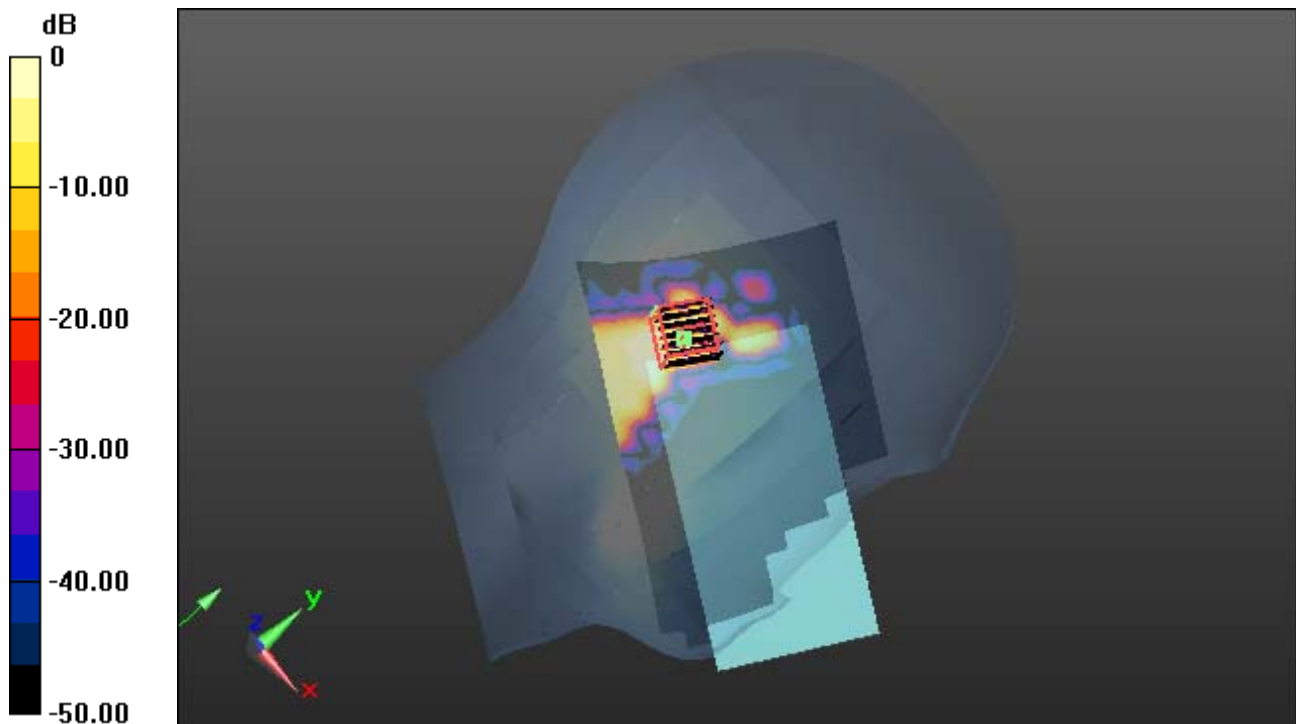
**Area Scan (111x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.436 mW/g

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.014 W/kg**



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.811$  mho/m;  $\epsilon_r = 35.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

**Right Tilt, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, Standard Battery**

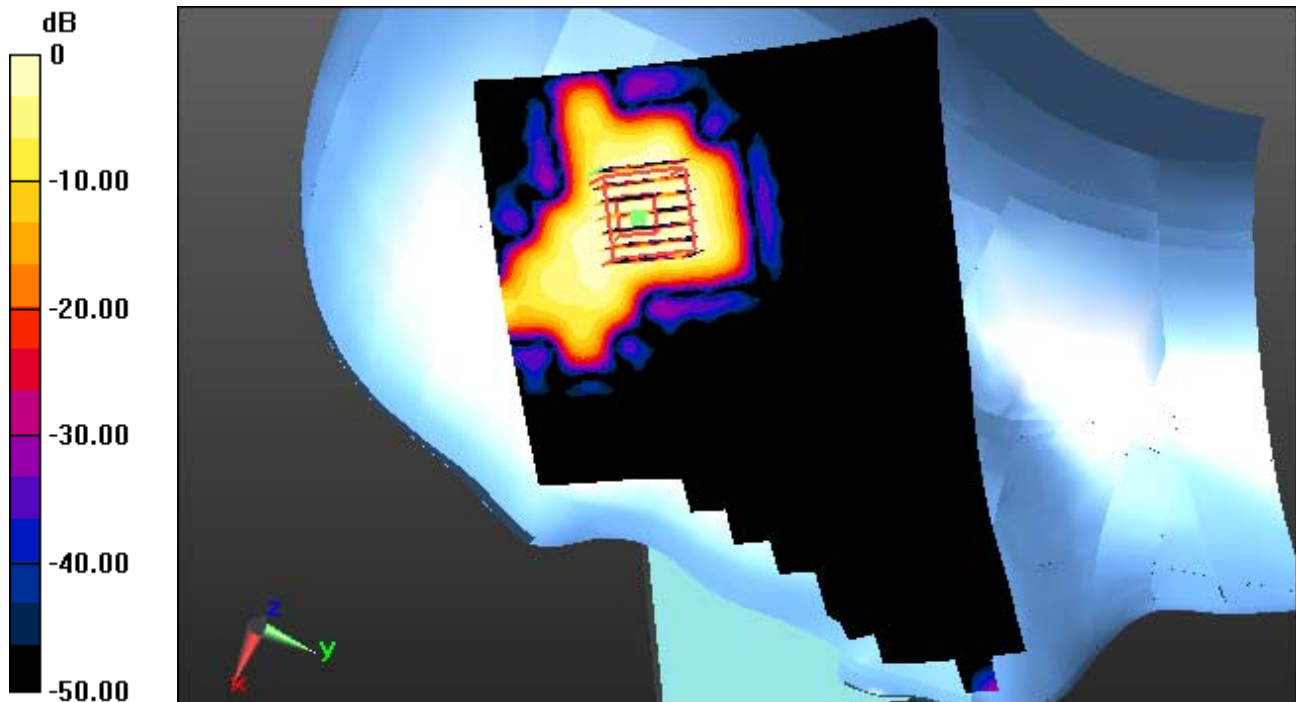
**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.513 mW/g

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.154 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5300; Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.811$  mho/m;  $\epsilon_r = 35.514$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

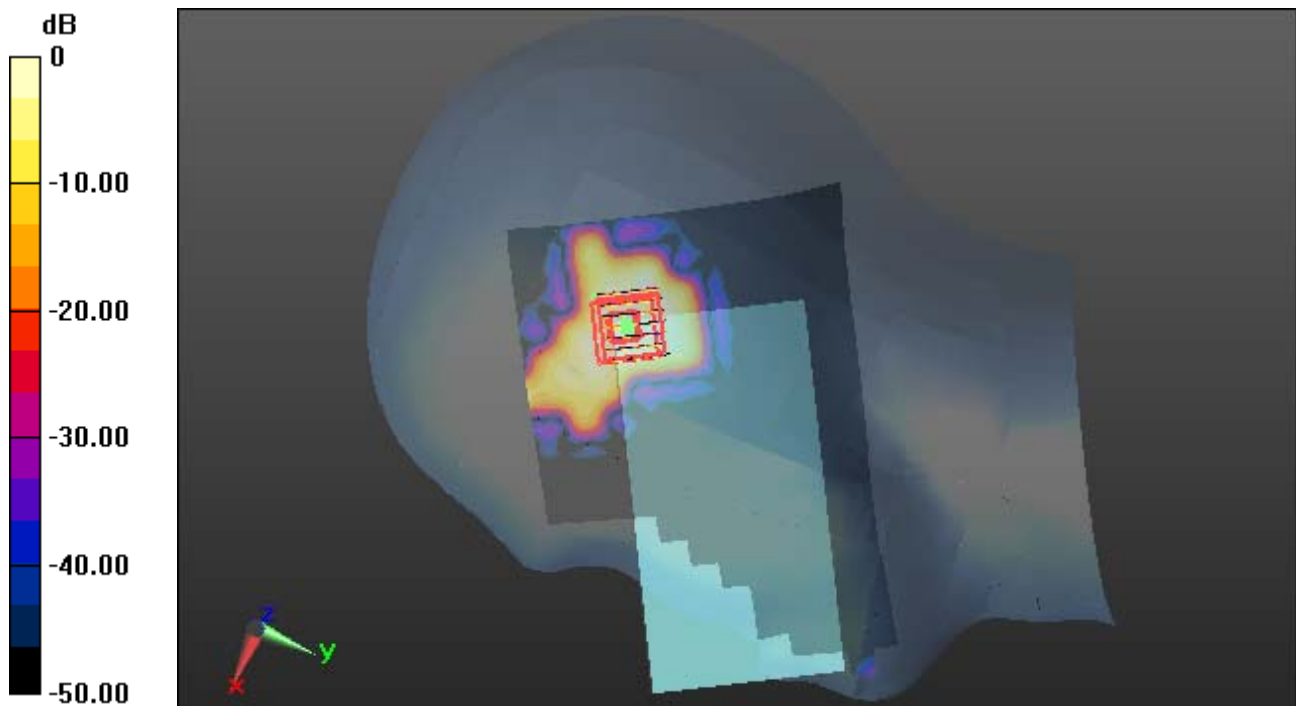
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(4.69, 4.69, 4.69); Calibrated: 2012-01-27; ; 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

## **Right Tilt, W-LAN(802.11a - 5.3 G Band) Ch. 52, Ant Internal, W/ Device Location**

**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 0.513 mW/g  
**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.023 W/kg**



0 dB = 0.154 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.987$  mho/m;  $\epsilon_r = 35.255$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Touch, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, Standard Battery**

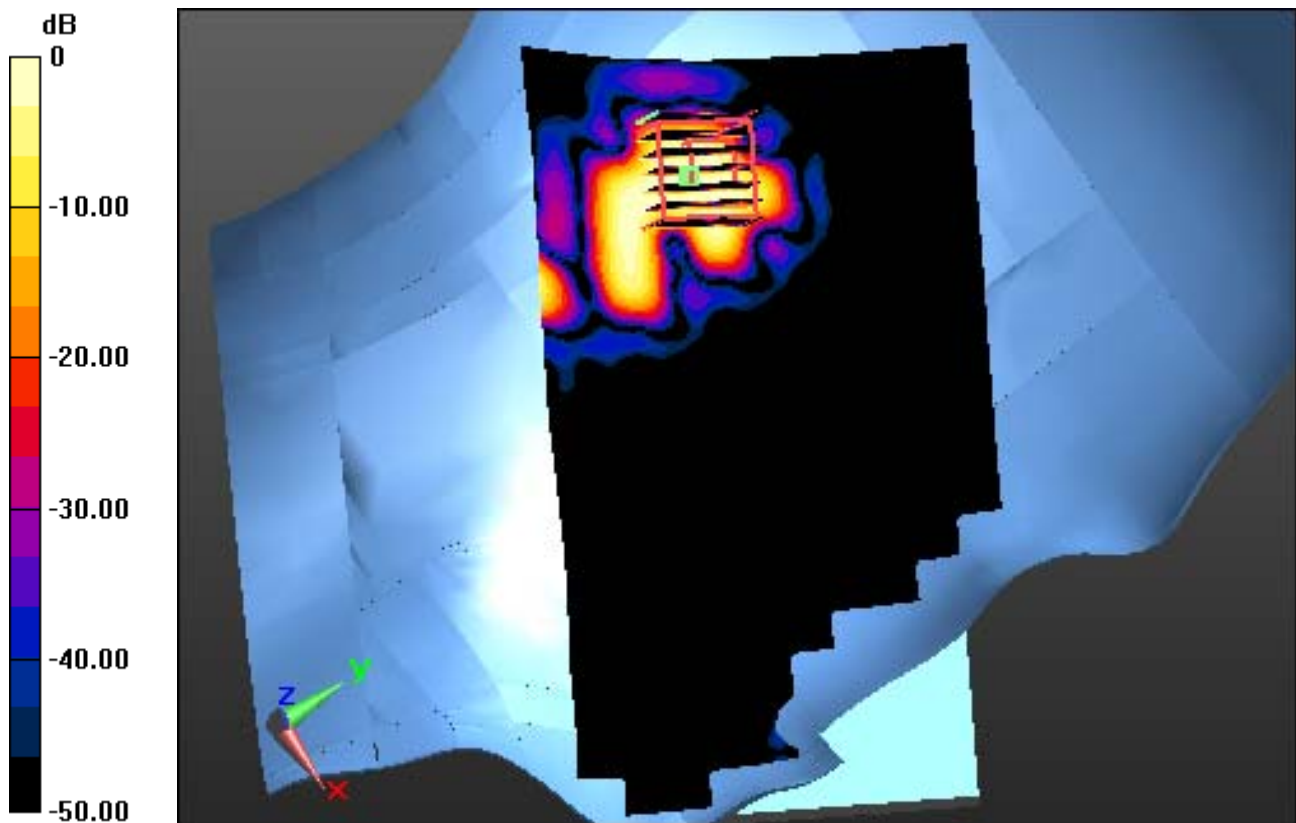
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.308 mW/g

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.0723 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.987$  mho/m;  $\epsilon_r = 35.255$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

**Left Touch, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, W/ Device Location**

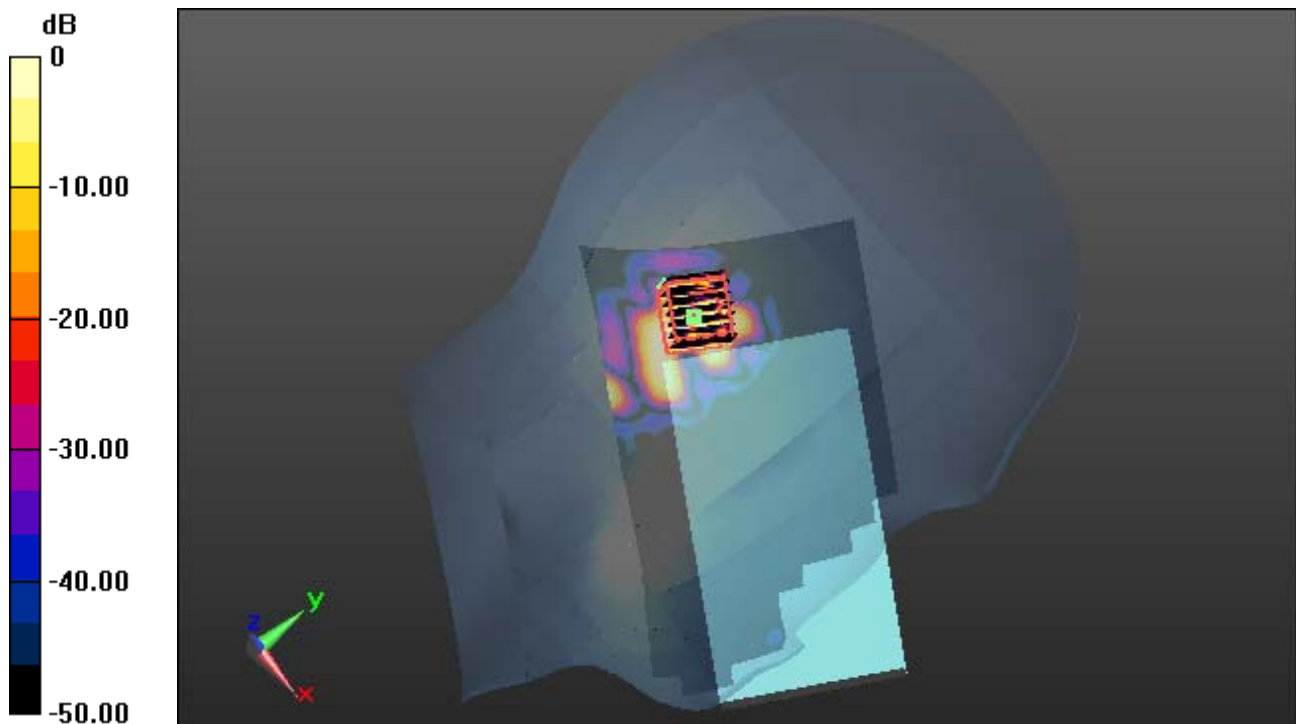
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.308 mW/g

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.013 W/kg**



0 dB = 0.0723 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.077$  mho/m;  $\epsilon_r = 35.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

**Right Touch, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, Standard Battery**

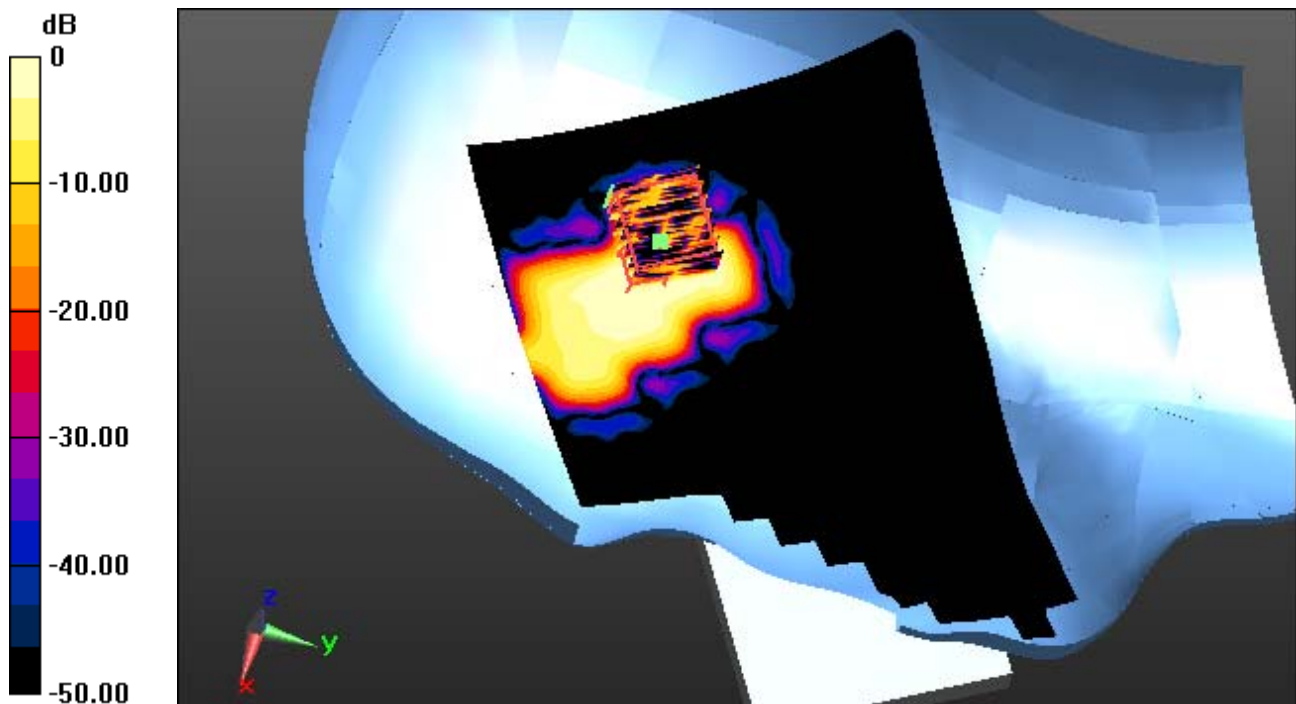
**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.541 mW/g

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.175 mW/g



# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.077$  mho/m;  $\epsilon_r = 35.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

## **Right Touch, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, W/ Device Location**

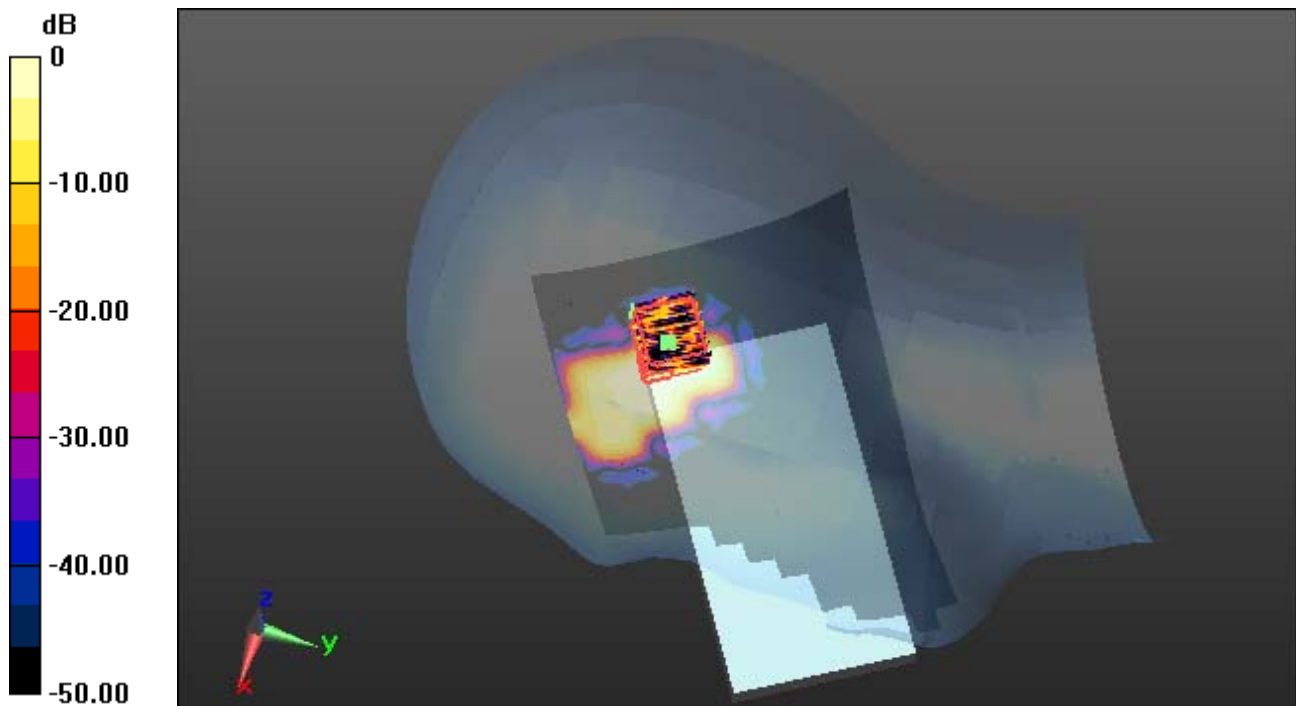
**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.541 mW/g

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.023 W/kg



0 dB = 0.175 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.987$  mho/m;  $\epsilon_r = 35.255$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-08-18; Ambient Temp: 22.2; Tissue Temp: 22.5

**Left Tilt, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, Standard Battery**

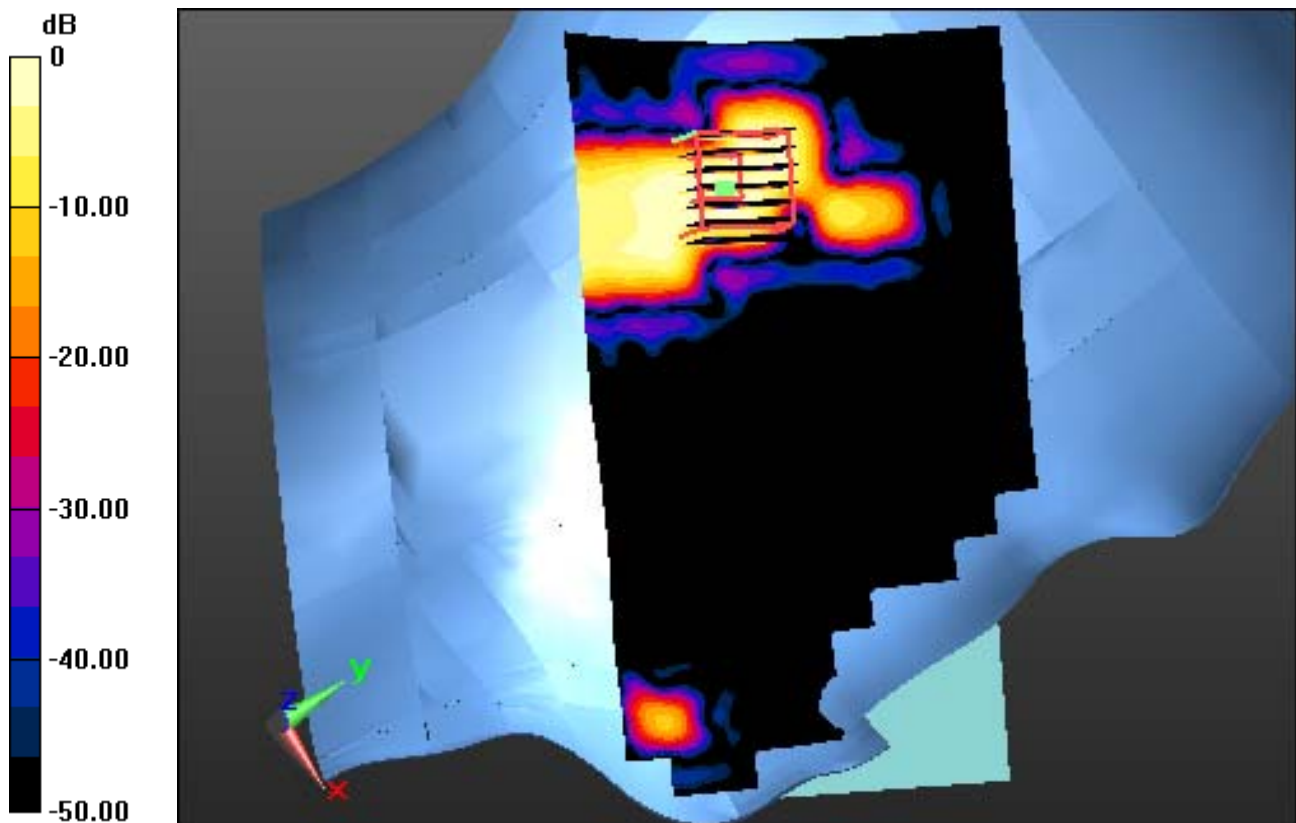
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.246 mW/g

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.014 W/kg



0 dB = 0.0966 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.987$  mho/m;  $\epsilon_r = 35.255$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-08-18; Ambient Temp: 22.2 Tissue Temp: 22.5

## **Left Tilt, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, W/ Device Location**

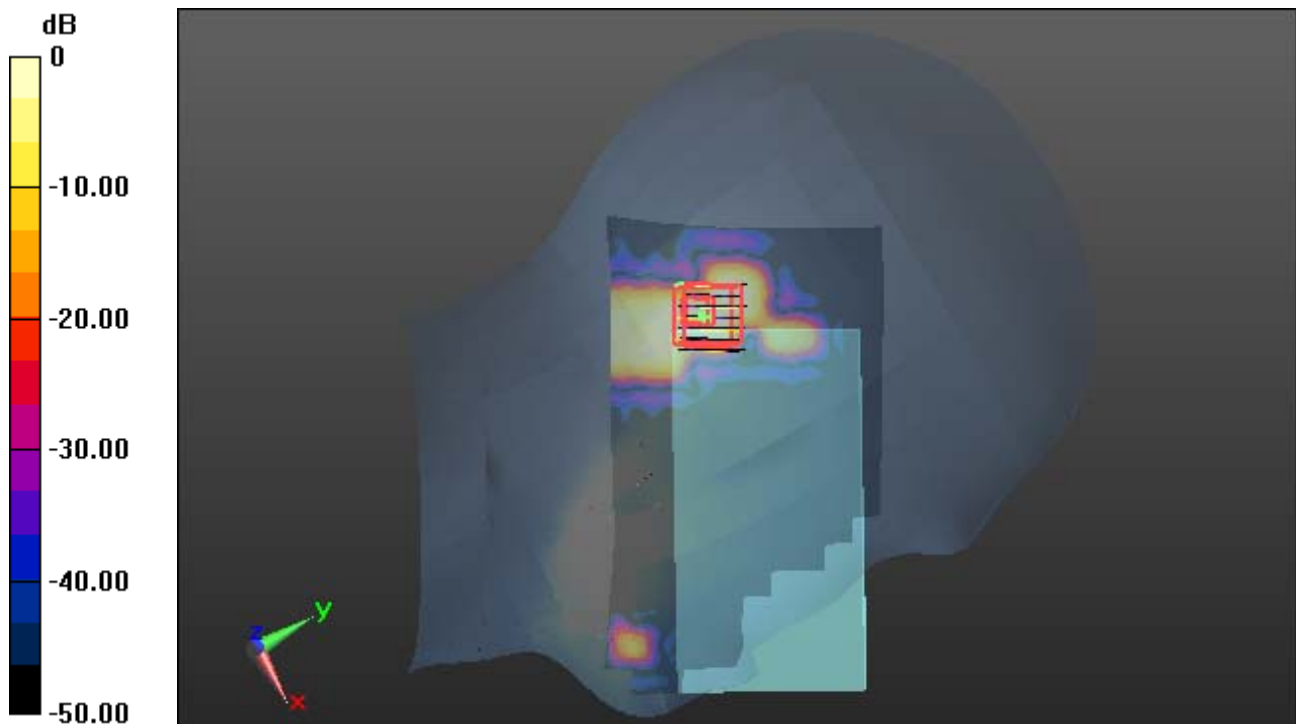
**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.246 mW/g

**SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.014 W/kg**



0 dB = 0.0966 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.077$  mho/m;  $\epsilon_r = 35.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

**Right Tilt, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, Standard Battery**

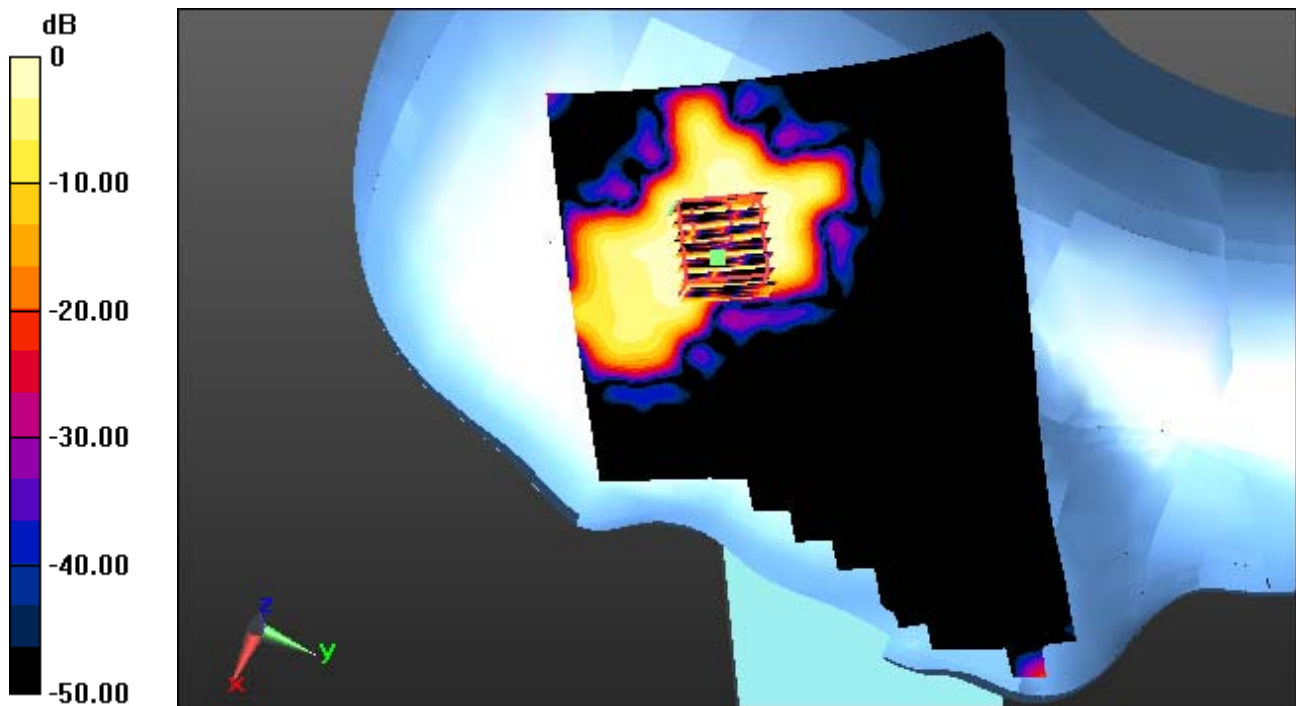
**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.807 mW/g

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.139 mW/g

# DIGITAL EMC CO., LTD

**DUT: LG-P768g; Type: Bar**

Communication System: W-LAN\_5500; Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.077$  mho/m;  $\epsilon_r = 35.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.45, 4.45, 4.45); 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: 2012-09-23; Ambient Temp: 22.3 Tissue Temp: 22.5

## **Right Tilt, W-LAN(802.11a - 5.5 G Band) Ch. 100, Ant Internal, W/ Device Location**

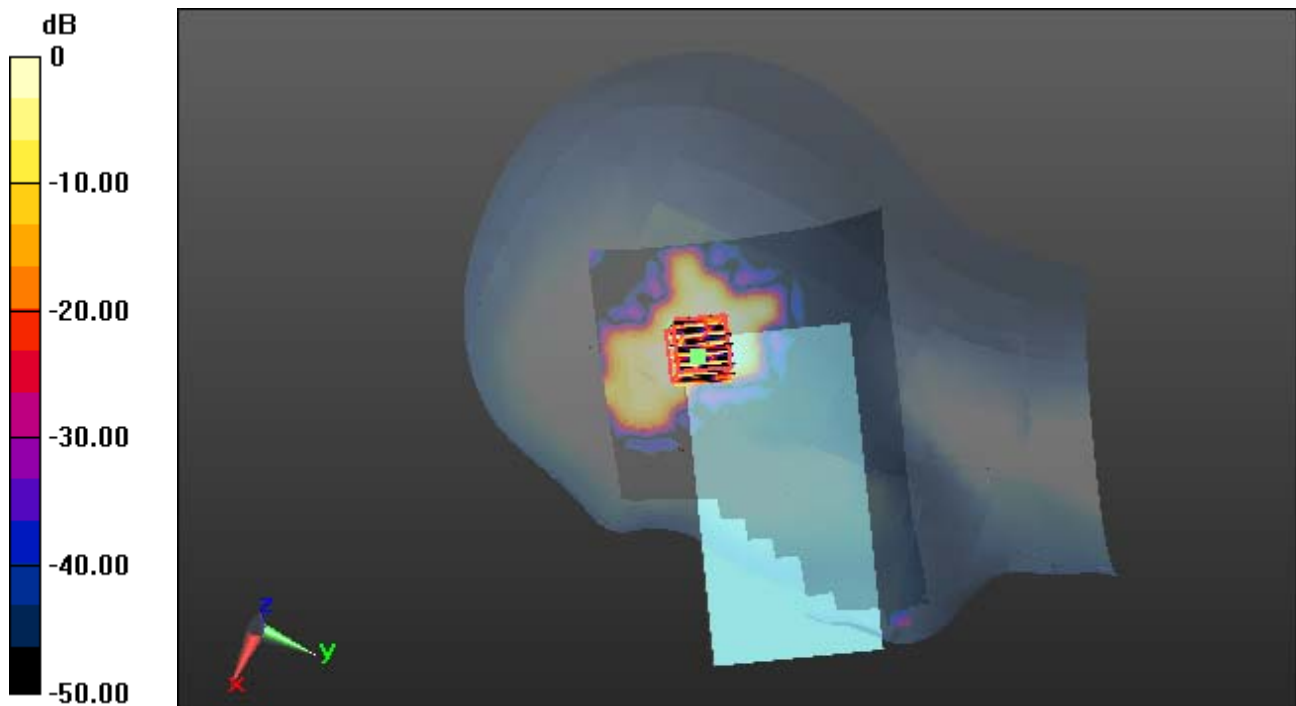
**Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.807 mW/g

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.139 mW/g