

## SAR Plots

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 40.33$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

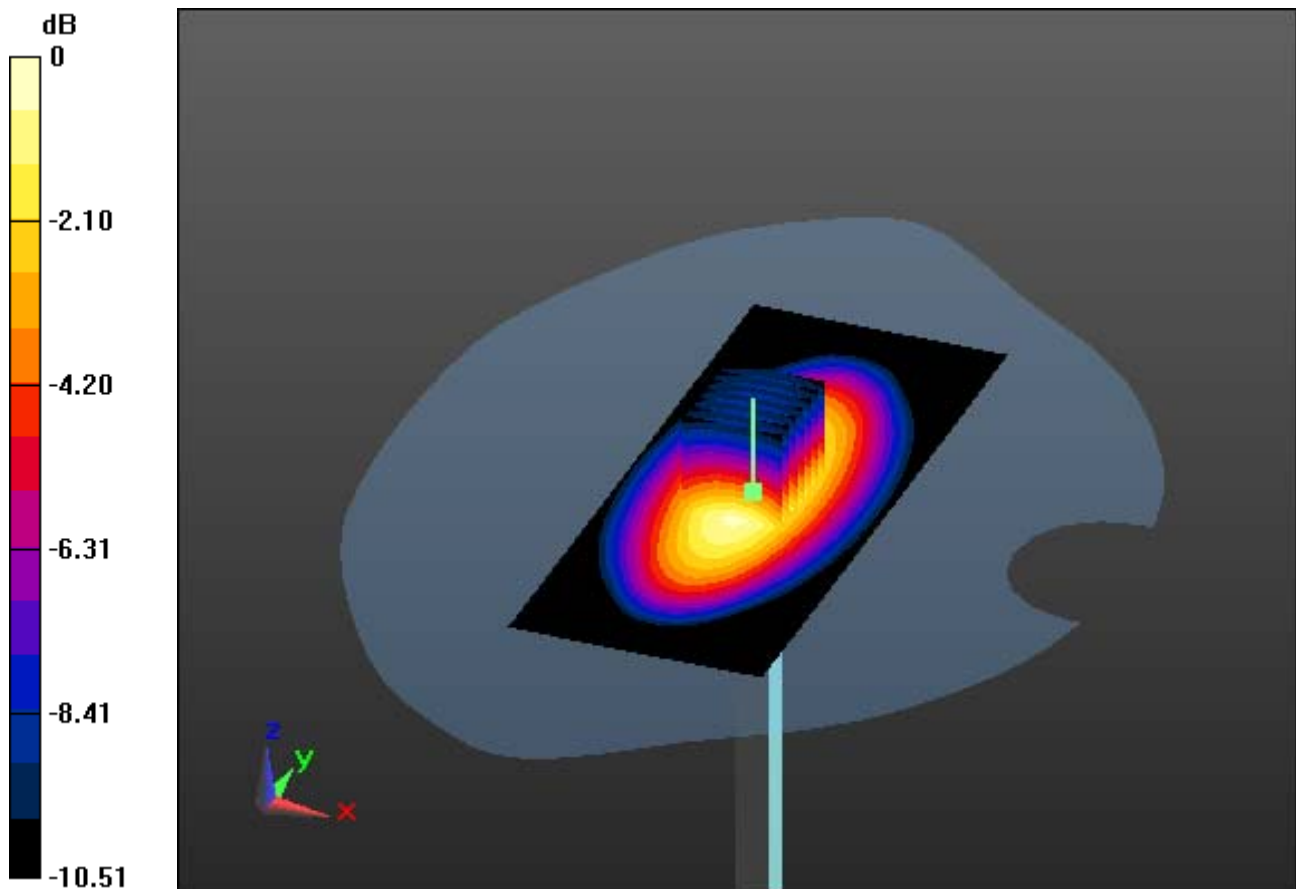
### **835 MHz System Verification**

**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.48 W/kg



0 dB = 2.88 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.881$  S/m;  $\epsilon_r = 40.33$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

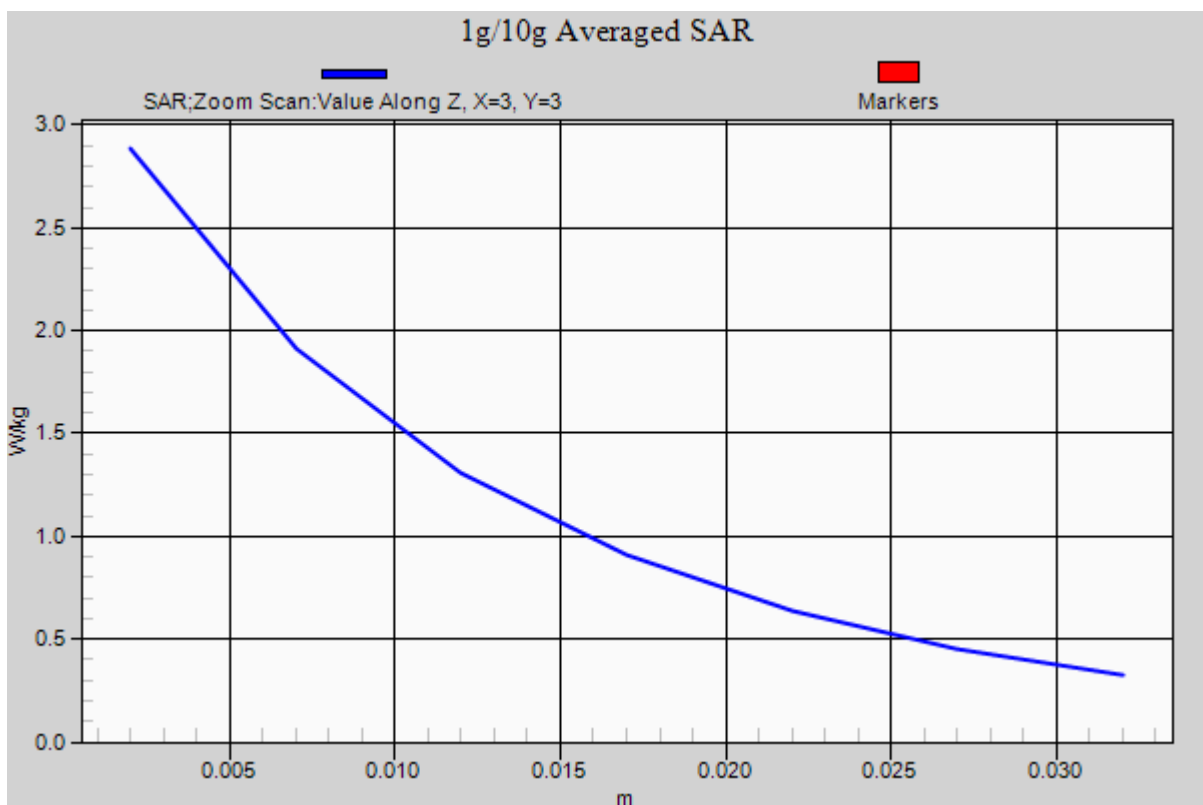
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

### **835 MHz System Verification**

**Area Scan (51x121x1):** Interpolated grid: dx=15mm, dy=15mm  
**/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 3.43 W/kg  
**SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.48 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 54.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

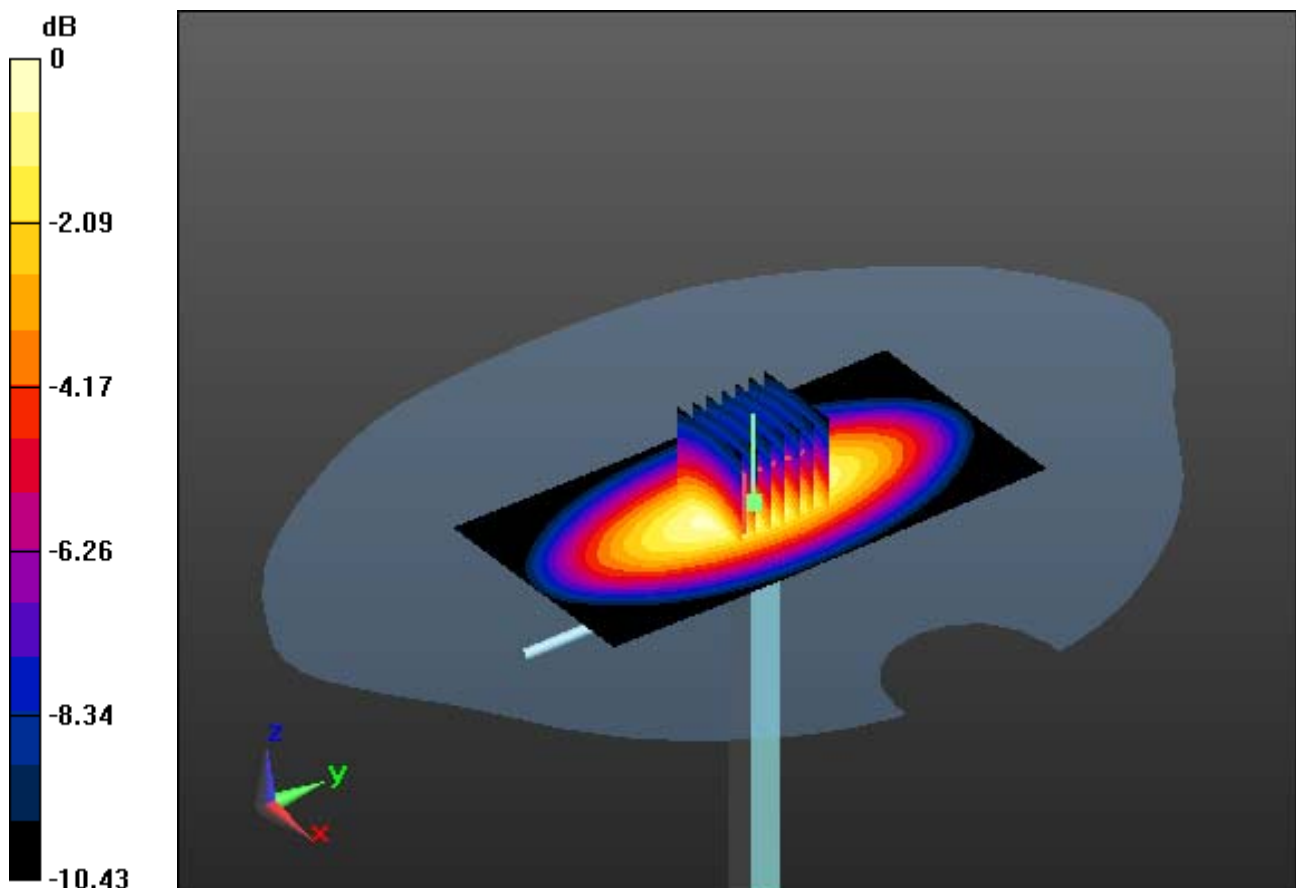
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

### **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 3.35 W/kg  
**SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.44 W/kg**



0 dB = 2.69 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 54.614$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

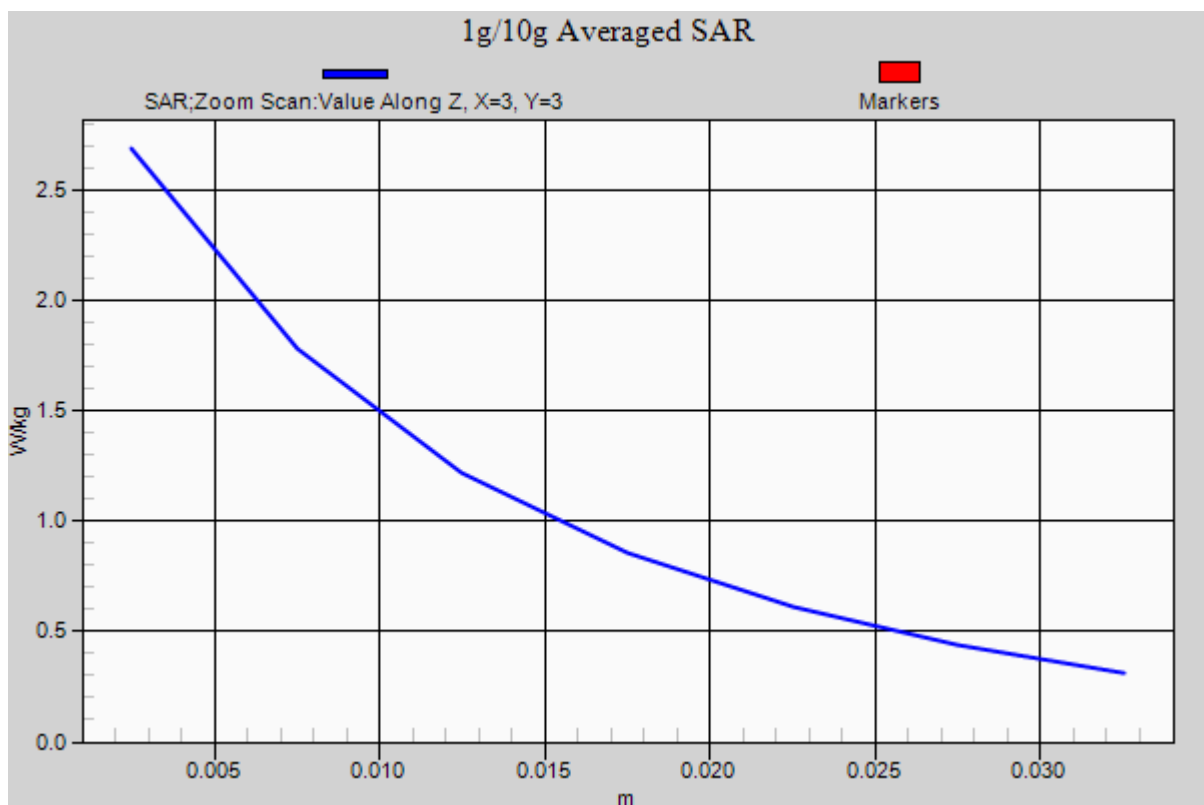
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

## **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 3.35 W/kg  
**SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.44 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 42.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

### **835 MHz System Verification**

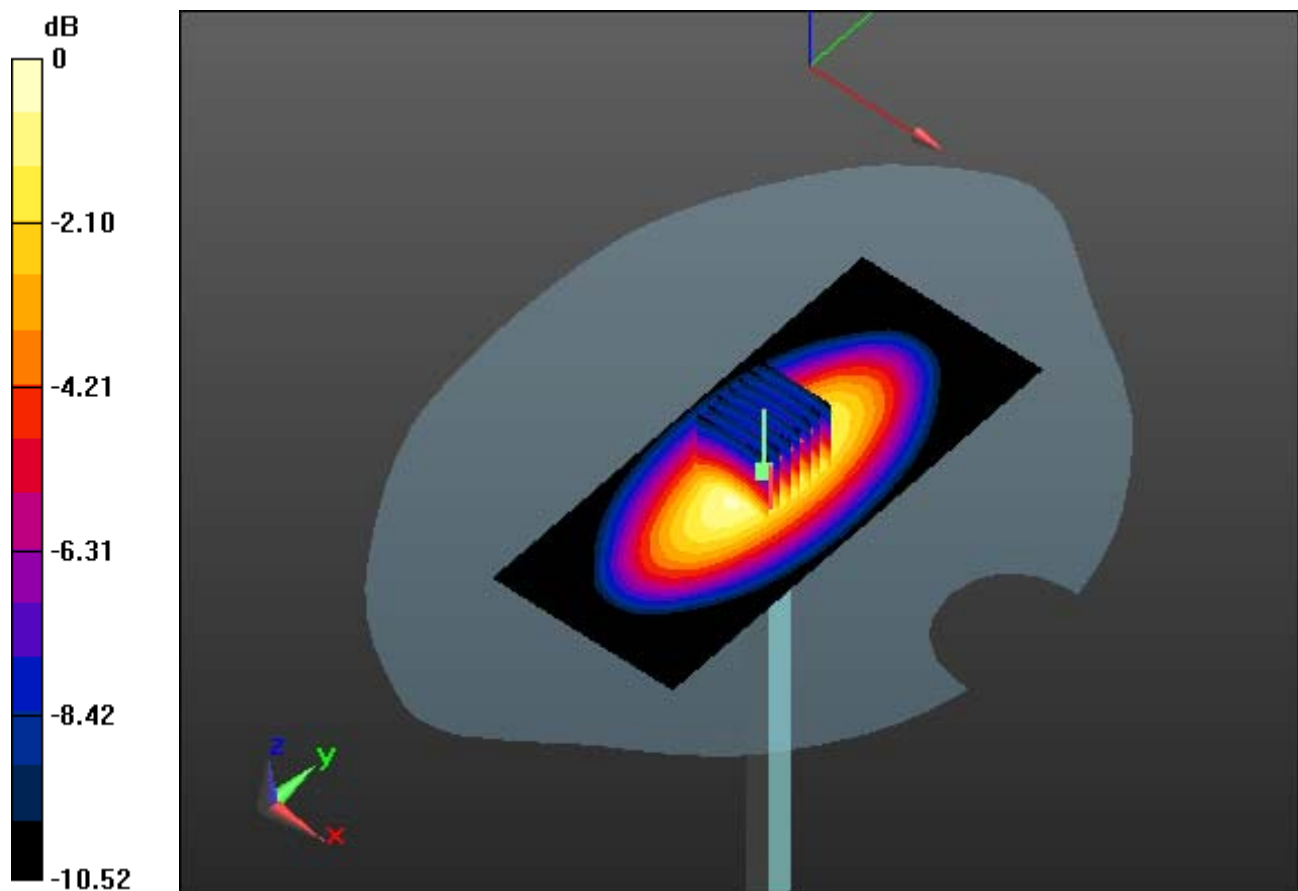
**Area Scan (51x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.55 W/kg



0 dB = 3.02 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 42.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

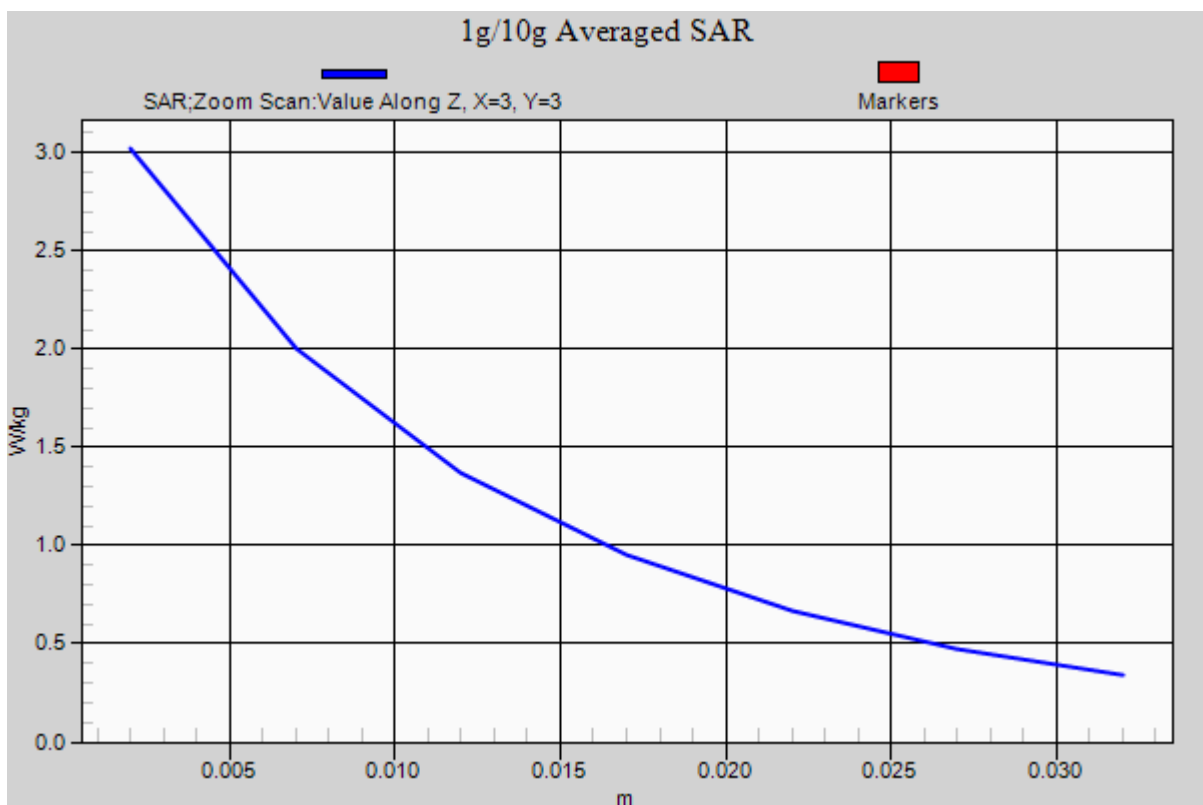
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

## **835 MHz System Verification**

**Area Scan (51x121x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 3.59 W/kg  
**SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.55 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.841$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

### **835 MHz System Verification**

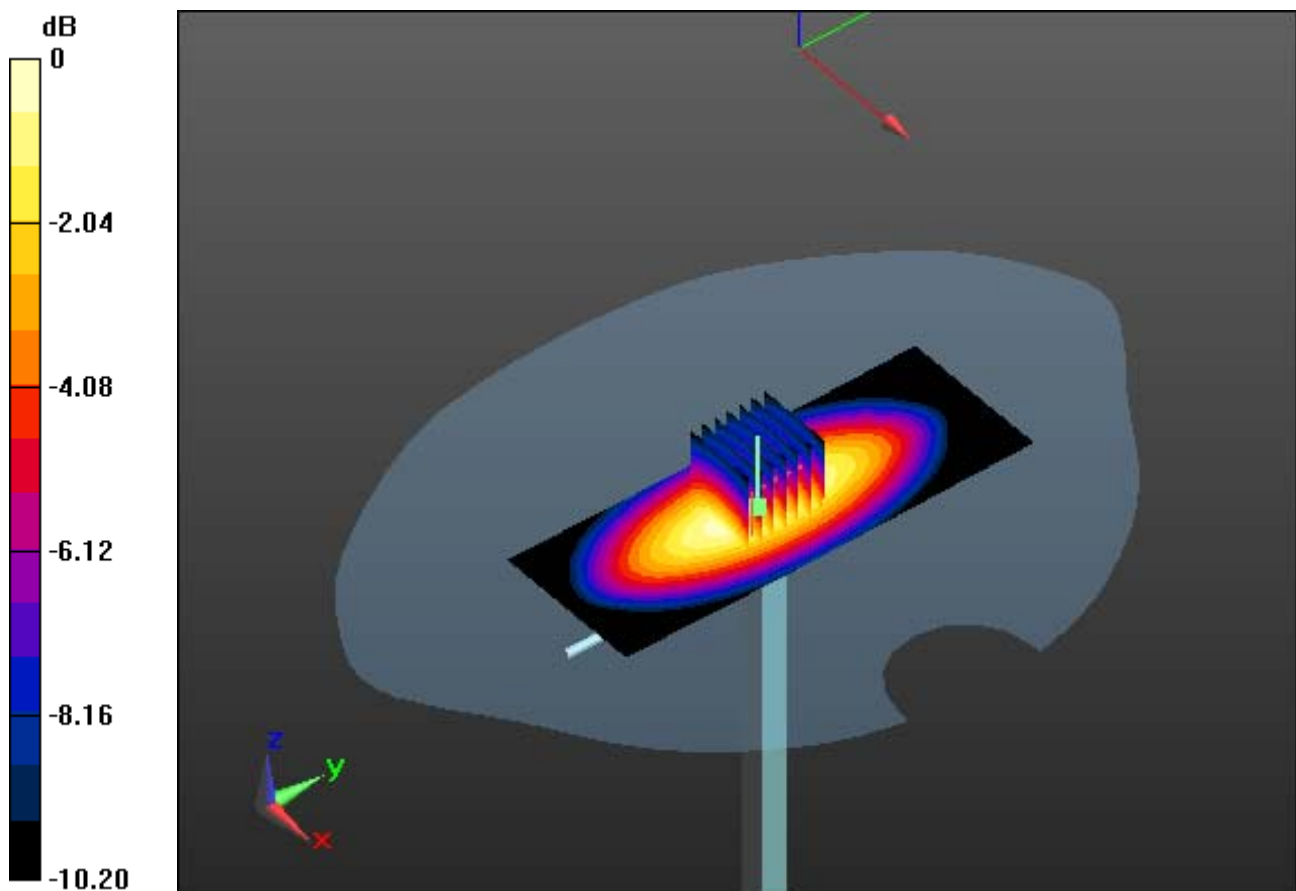
**Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg



0 dB = 2.70 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.841$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

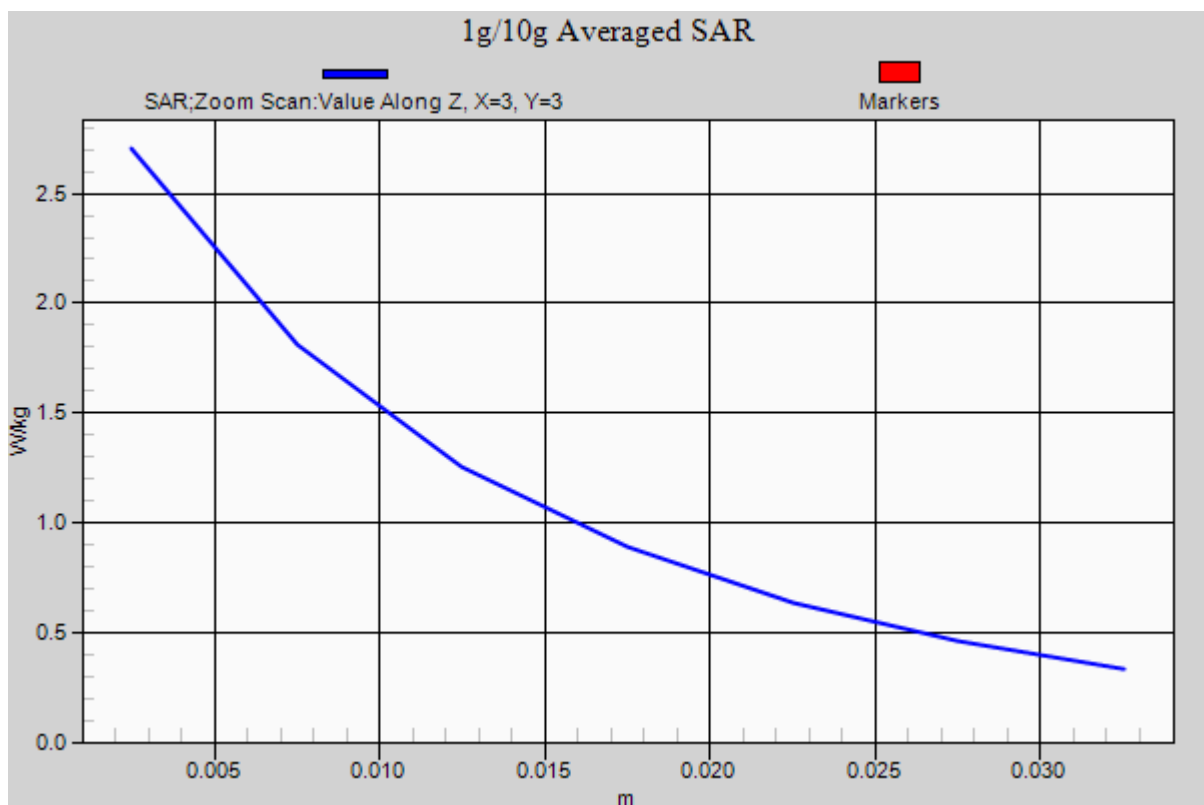
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

### **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 3.35 W/kg  
**SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 39.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

### **1900 MHz System Verification**

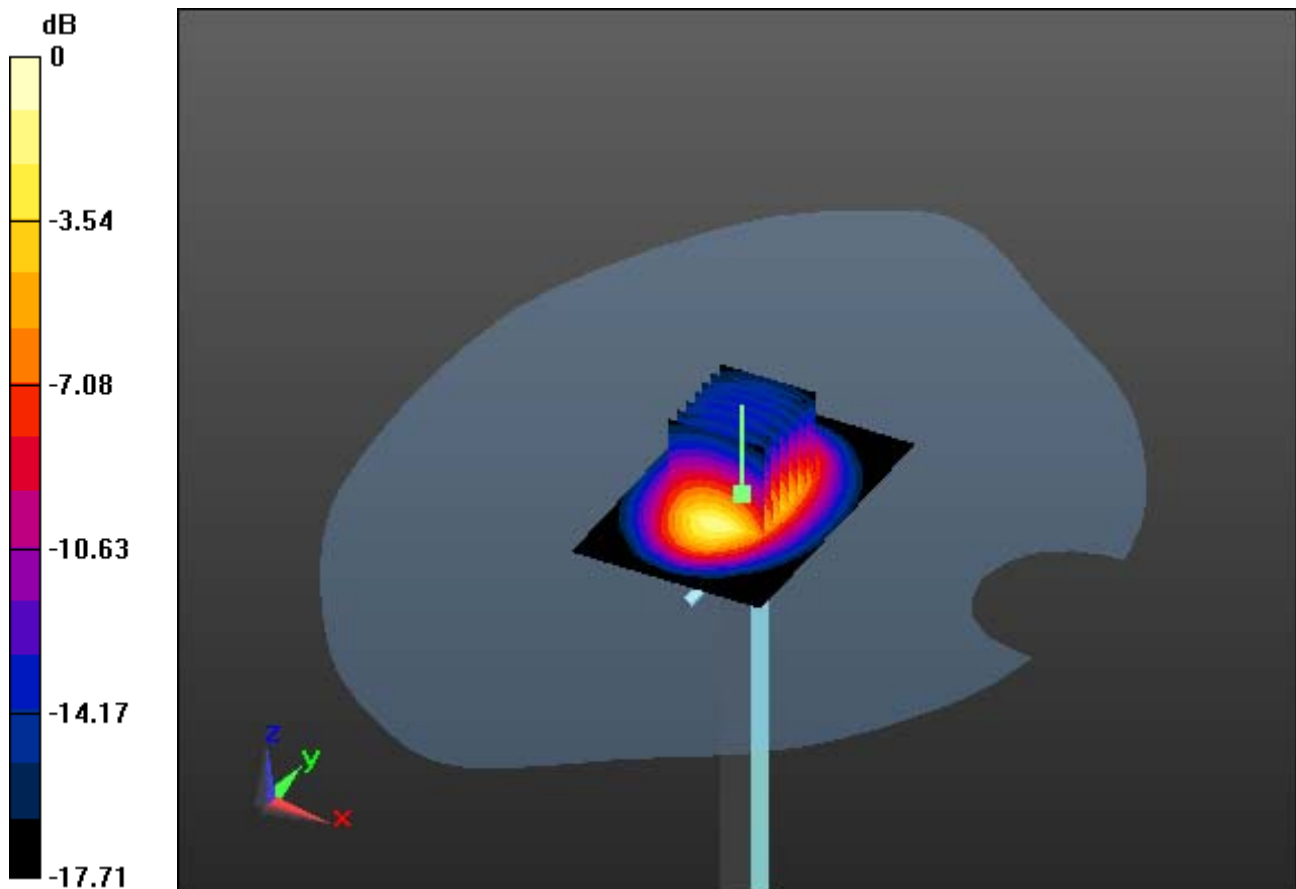
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 9.06 W/kg; SAR(10 g) = 4.68 W/kg**



0 dB = 12.4 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.437$  S/m;  $\epsilon_r = 39.742$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

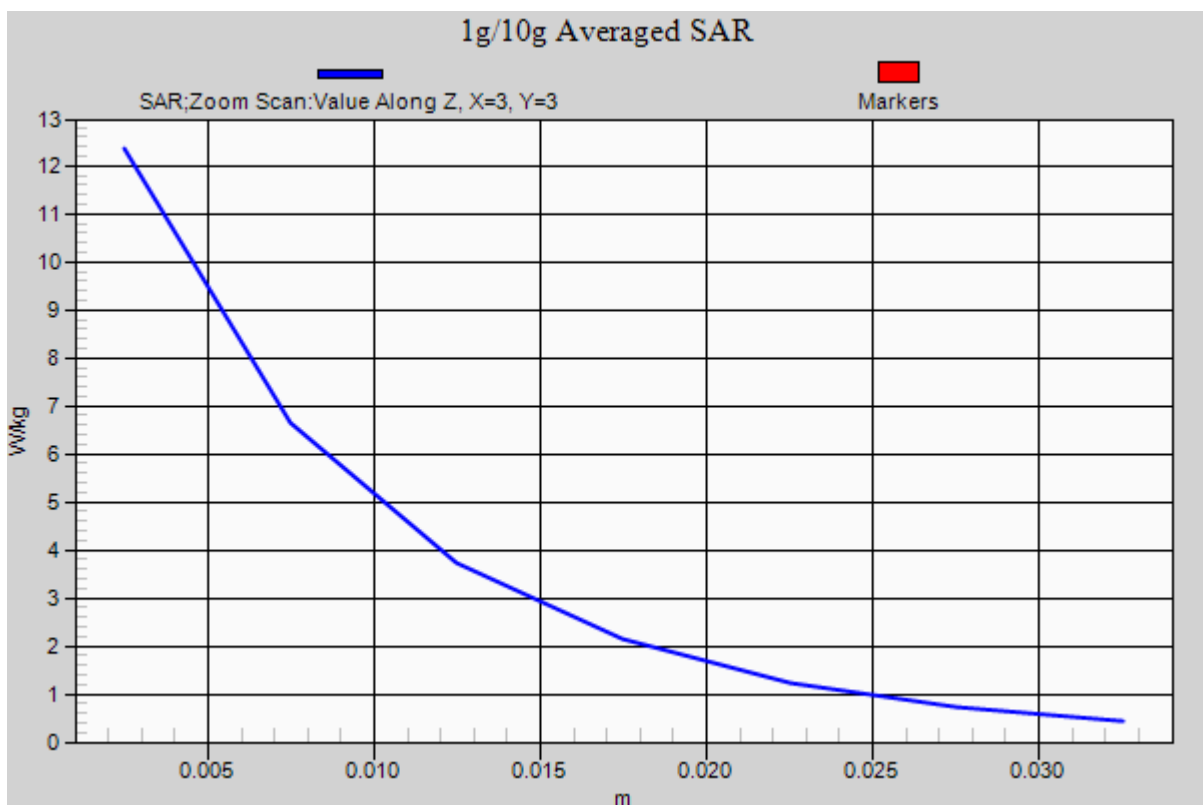
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

### **1900 MHz System Verification**

**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 17.0 W/kg  
**SAR(1 g) = 9.06 W/kg; SAR(10 g) = 4.68 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

### **1900 MHz System Verification**

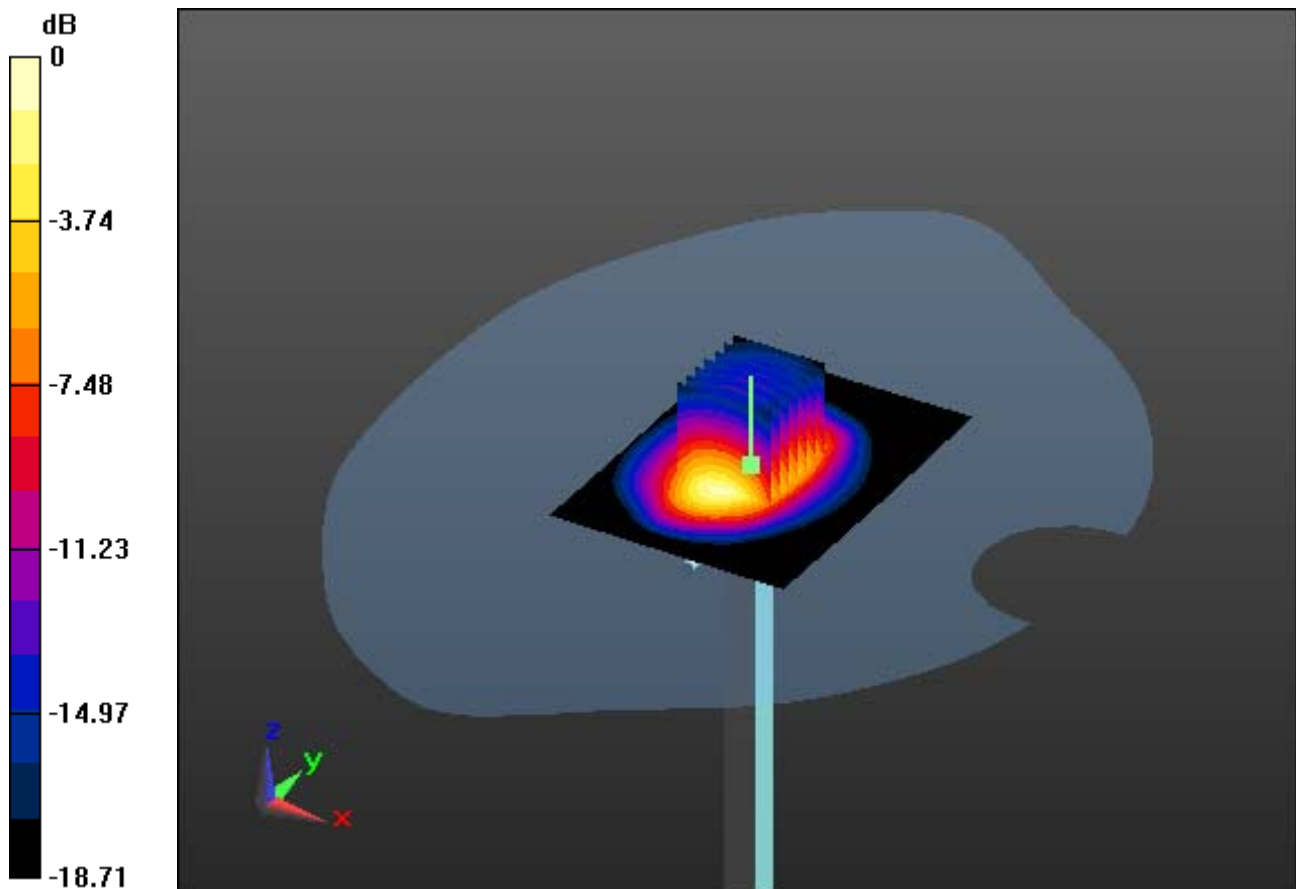
**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 19.5 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.2 W/kg**



0 dB = 14.0 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

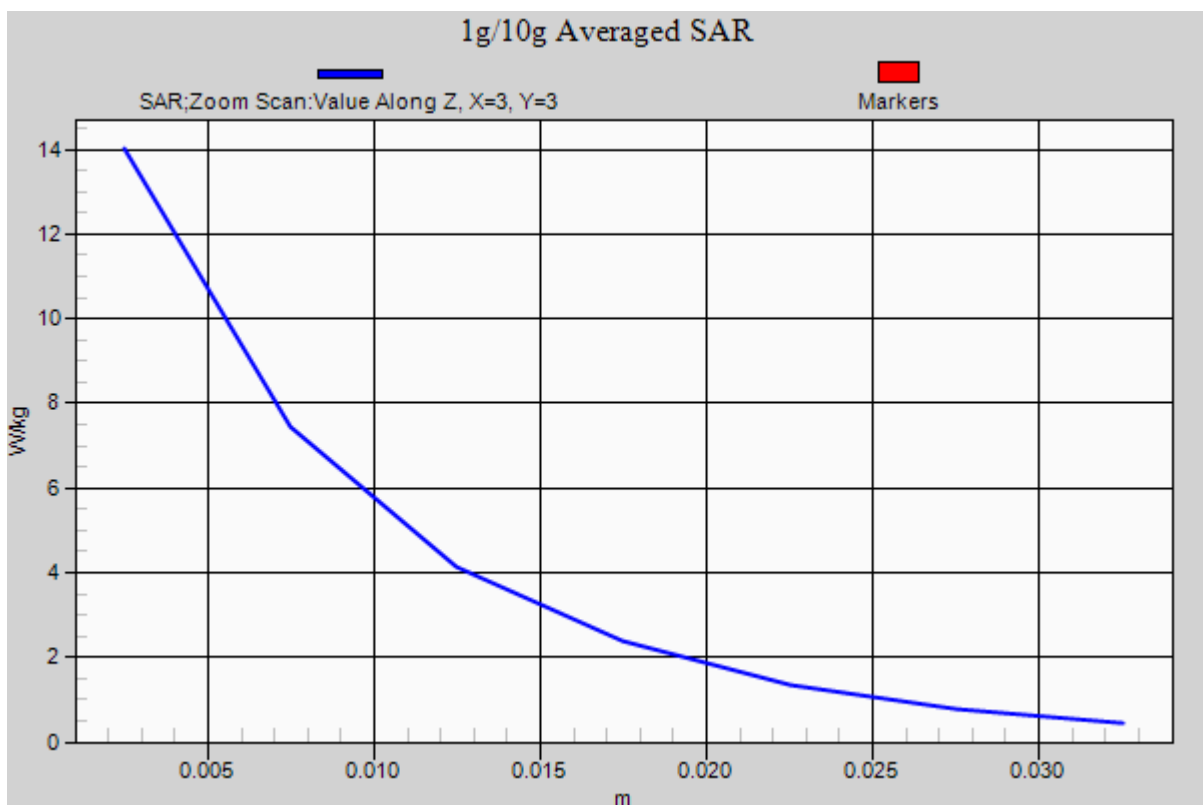
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

### **1900 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 19.5 W/kg  
**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.2 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.815$  S/m;  $\epsilon_r = 37.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

### **2450 MHz System Verification**

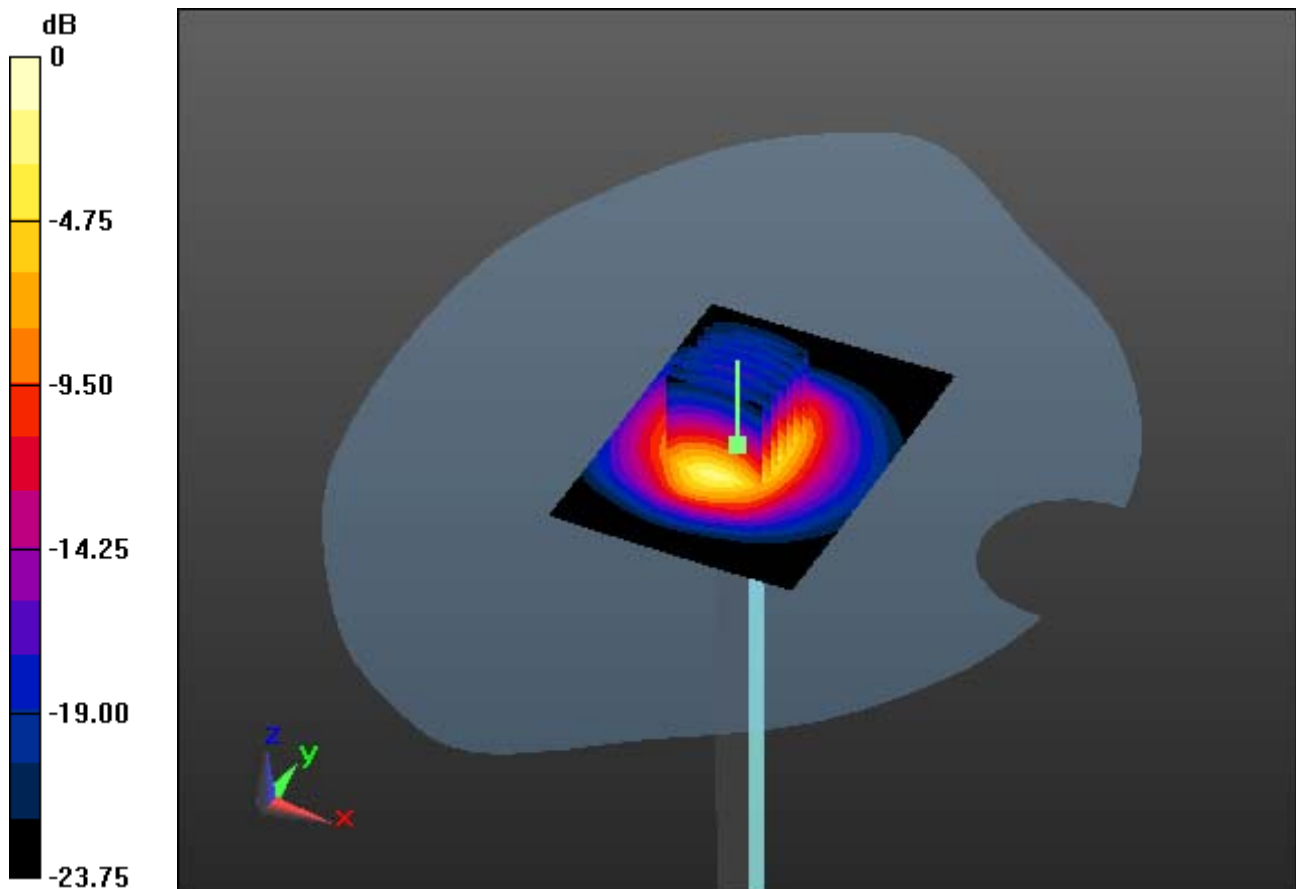
**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 30.0 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.02 W/kg



0 dB = 19.5 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.815$  S/m;  $\epsilon_r = 37.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

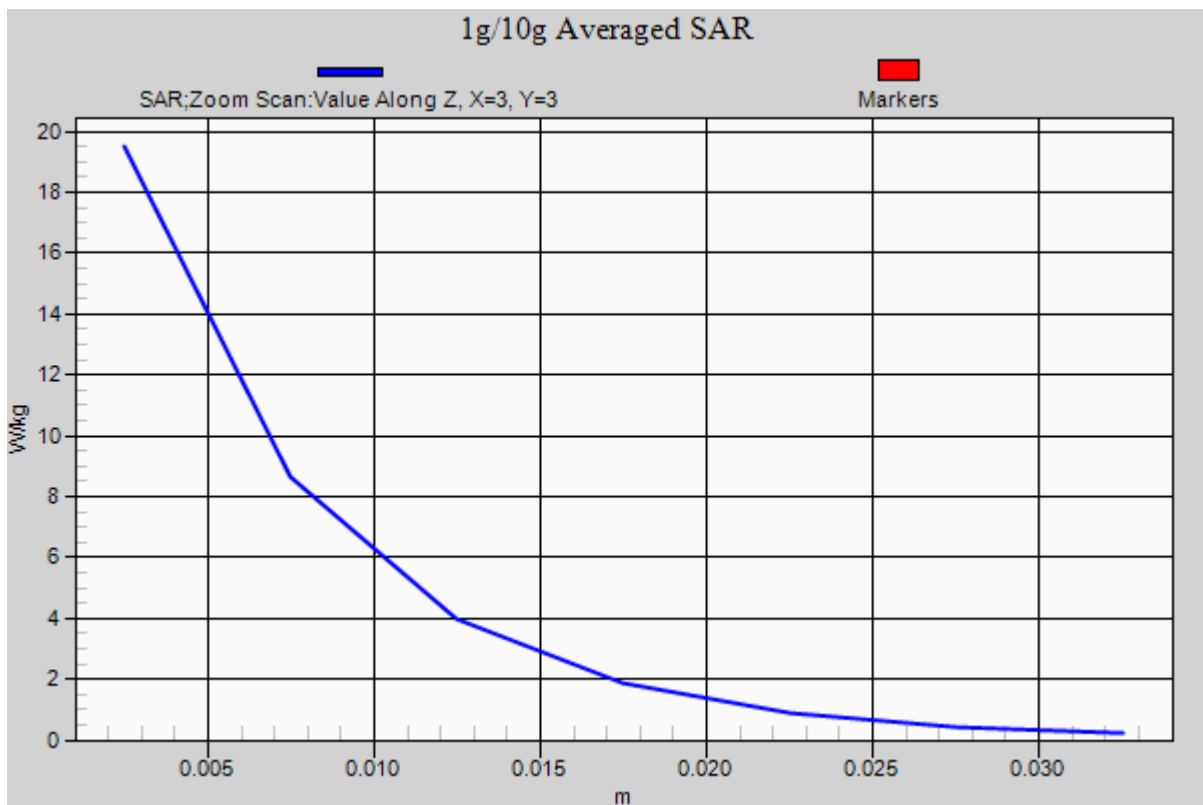
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

### **2450 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 30.0 W/kg  
**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.02 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.008$  S/m;  $\epsilon_r = 52.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

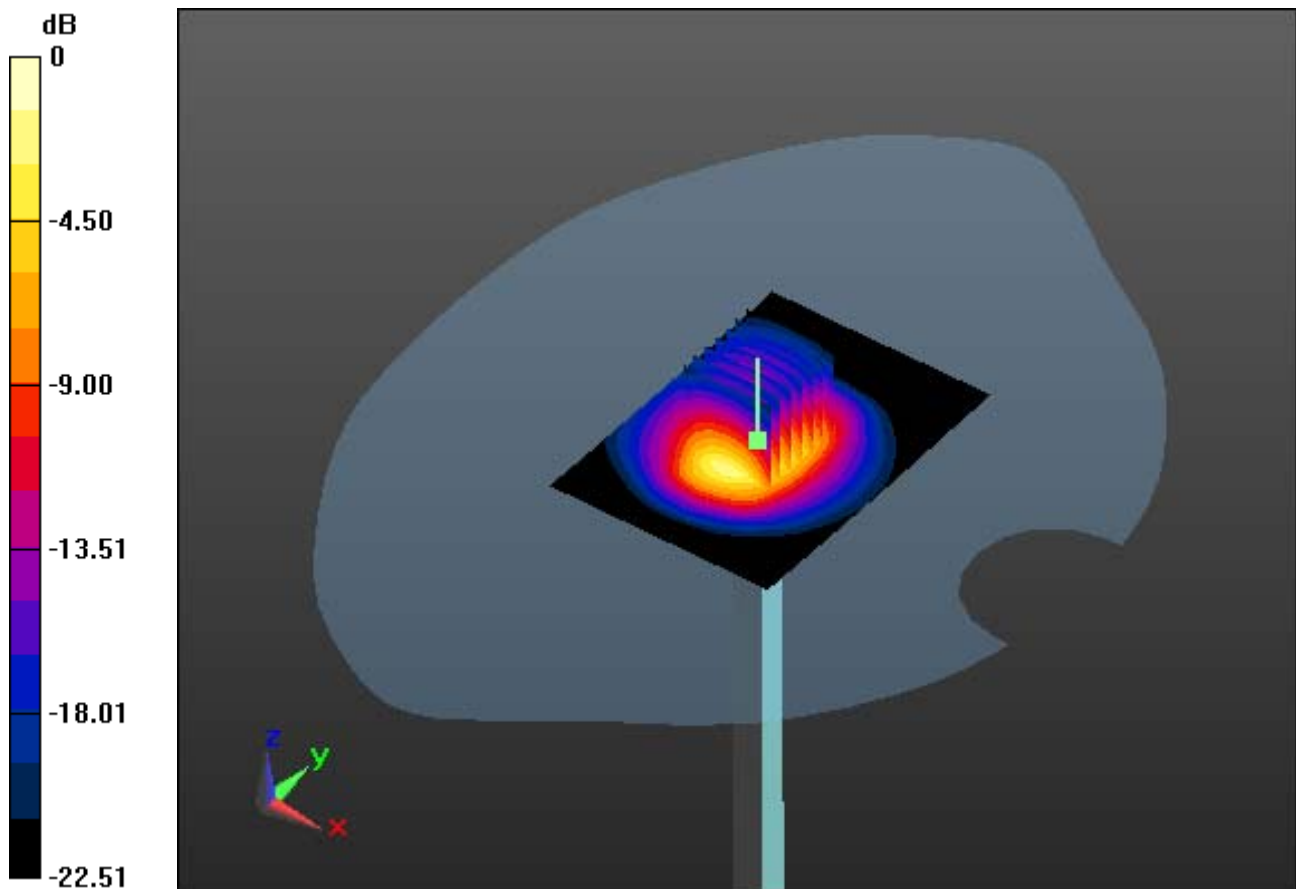
### **2450 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.04 dB

Peak SAR (extrapolated) = 26.4 W/kg

SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.75 W/kg



0 dB = 17.6 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.008$  S/m;  $\epsilon_r = 52.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

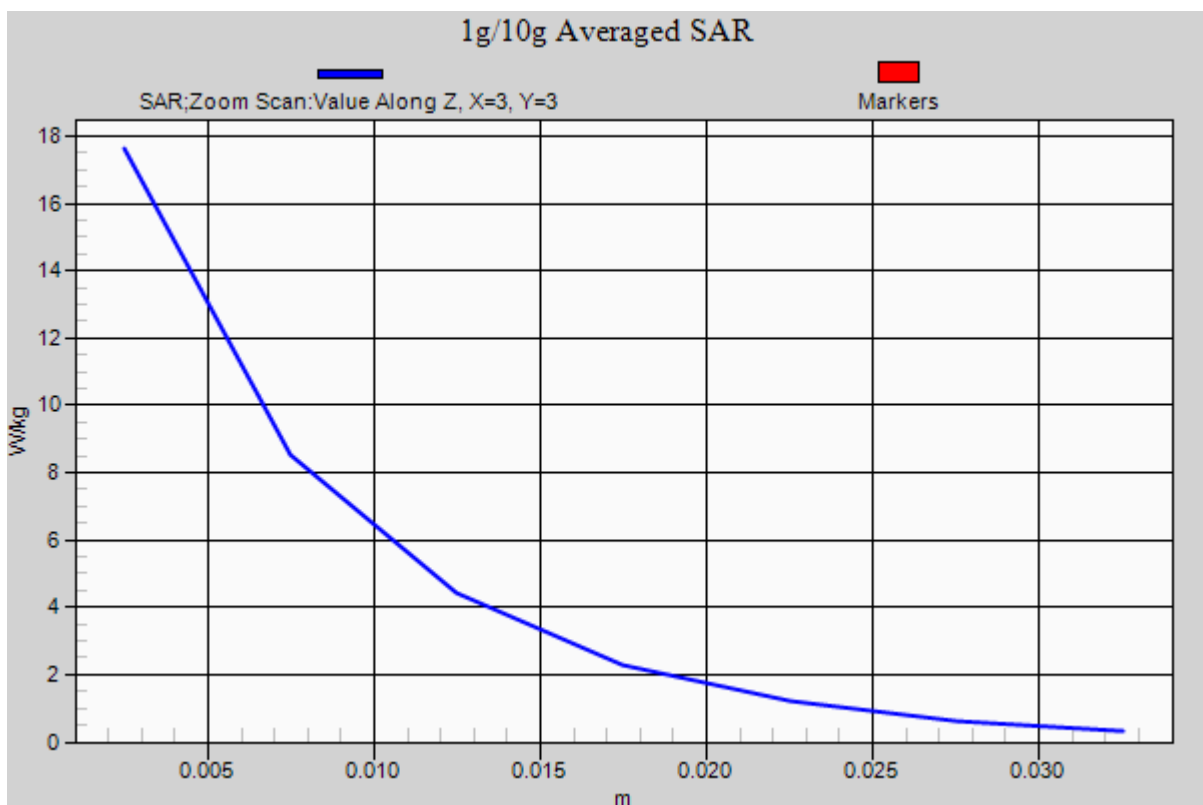
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

### **2450 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 26.4 W/kg  
**SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.75 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.783$  S/m;  $\epsilon_r = 36.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

### **5200 MHz System Verification**

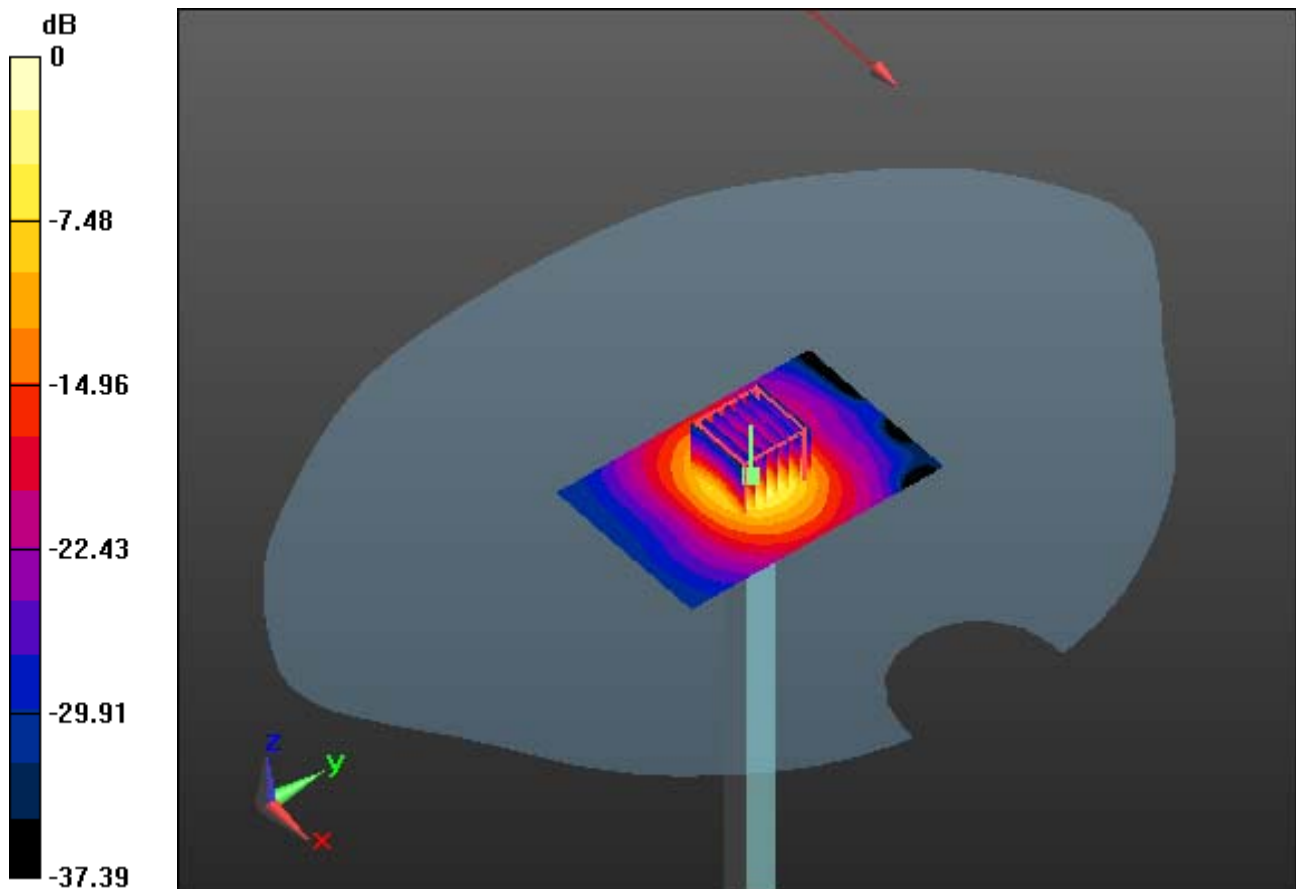
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.24 W/kg**



0 dB = 16.3 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.783$  S/m;  $\epsilon_r = 36.165$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

### **5200 MHz System Verification**

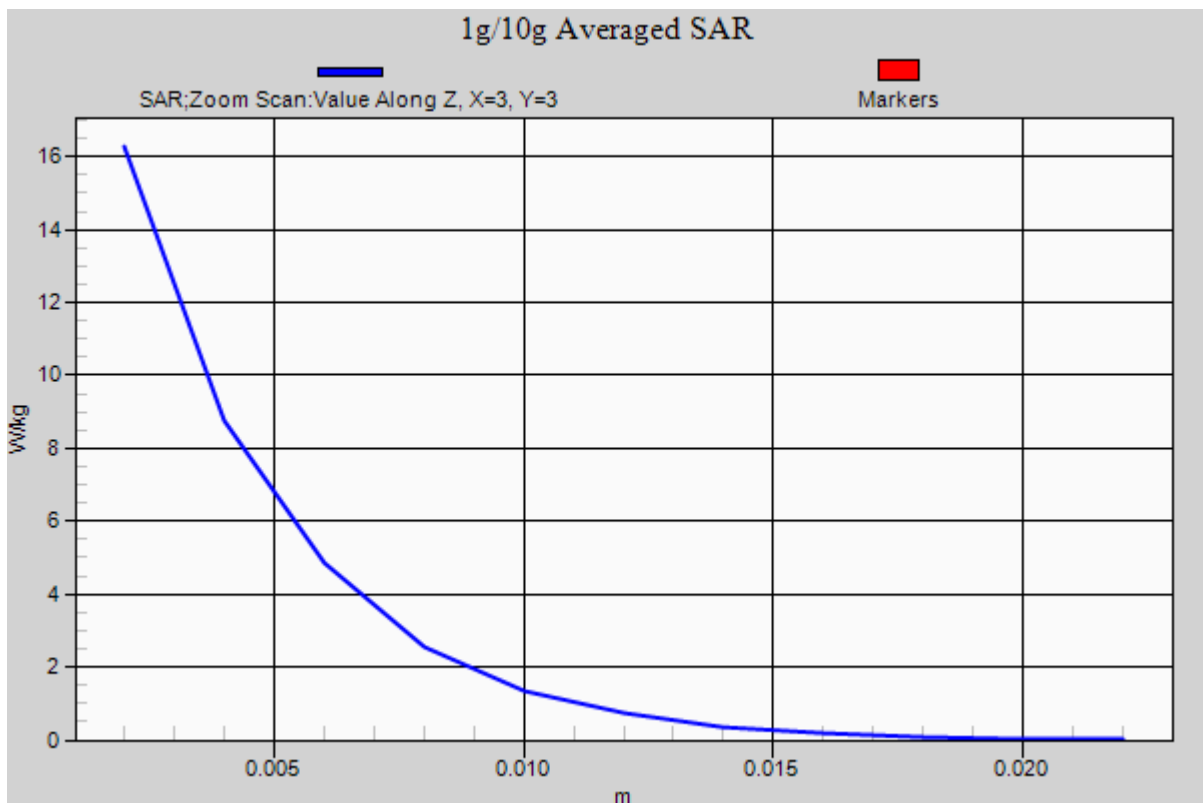
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.24 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.112$  S/m;  $\epsilon_r = 48.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5200 MHz System Verification**

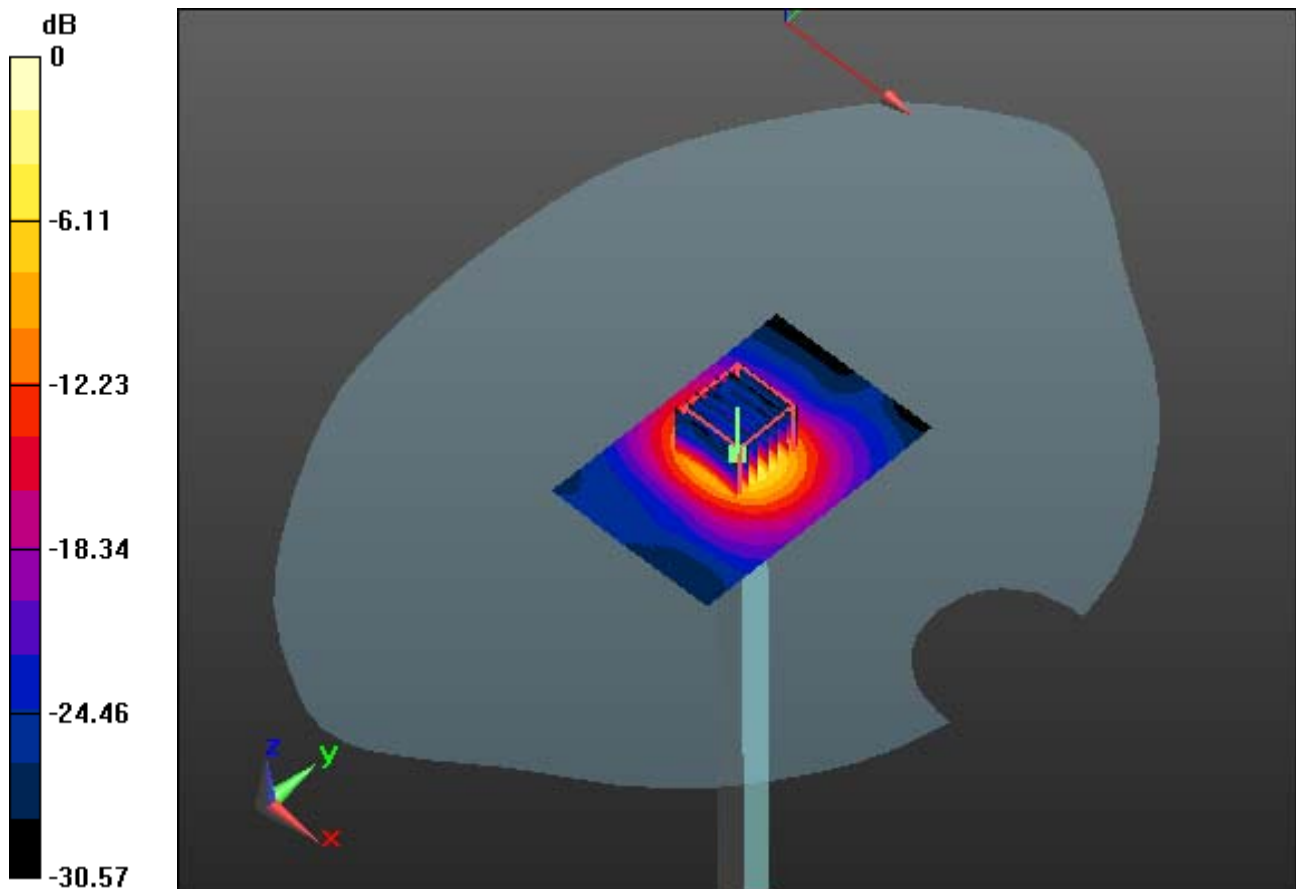
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.1 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.04 W/kg



0 dB = 15.3 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.112$  S/m;  $\epsilon_r = 48.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5200 MHz System Verification**

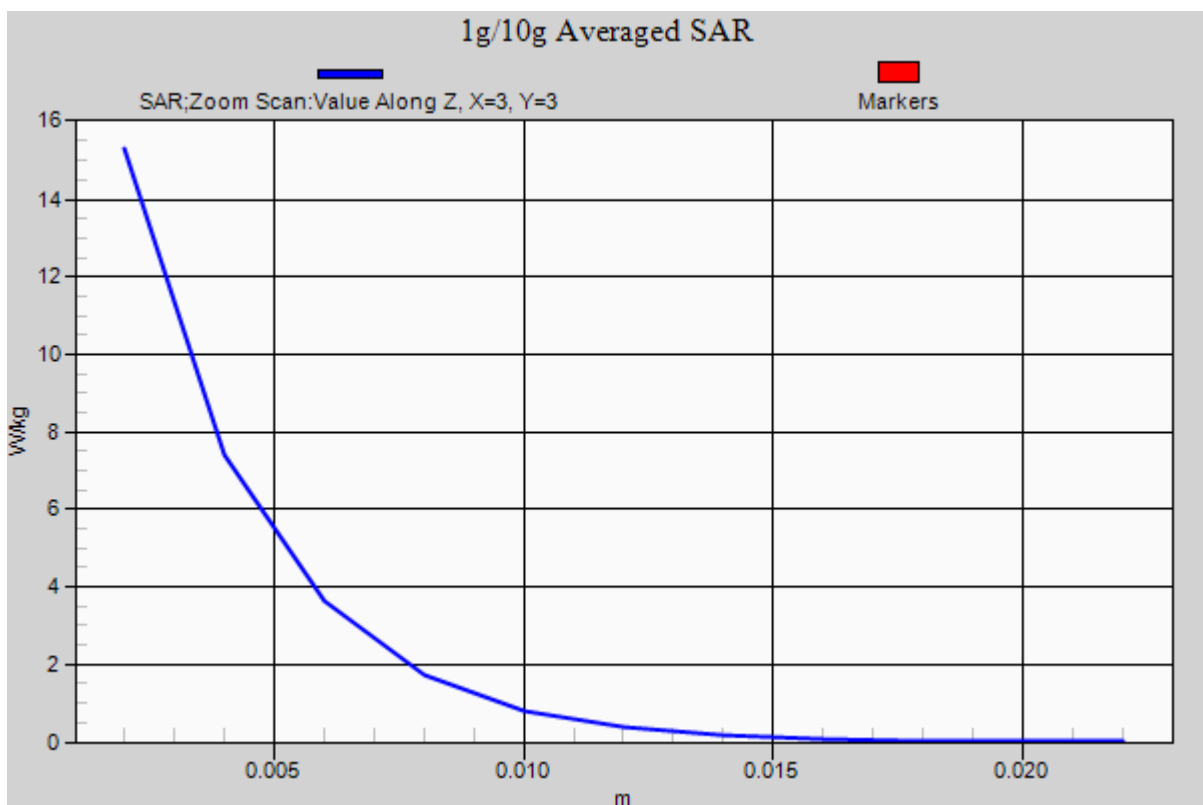
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.1 W/kg

**SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.04 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: W-LAN\_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.899$  S/m;  $\epsilon_r = 35.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.2

### **5300 MHz System Verification**

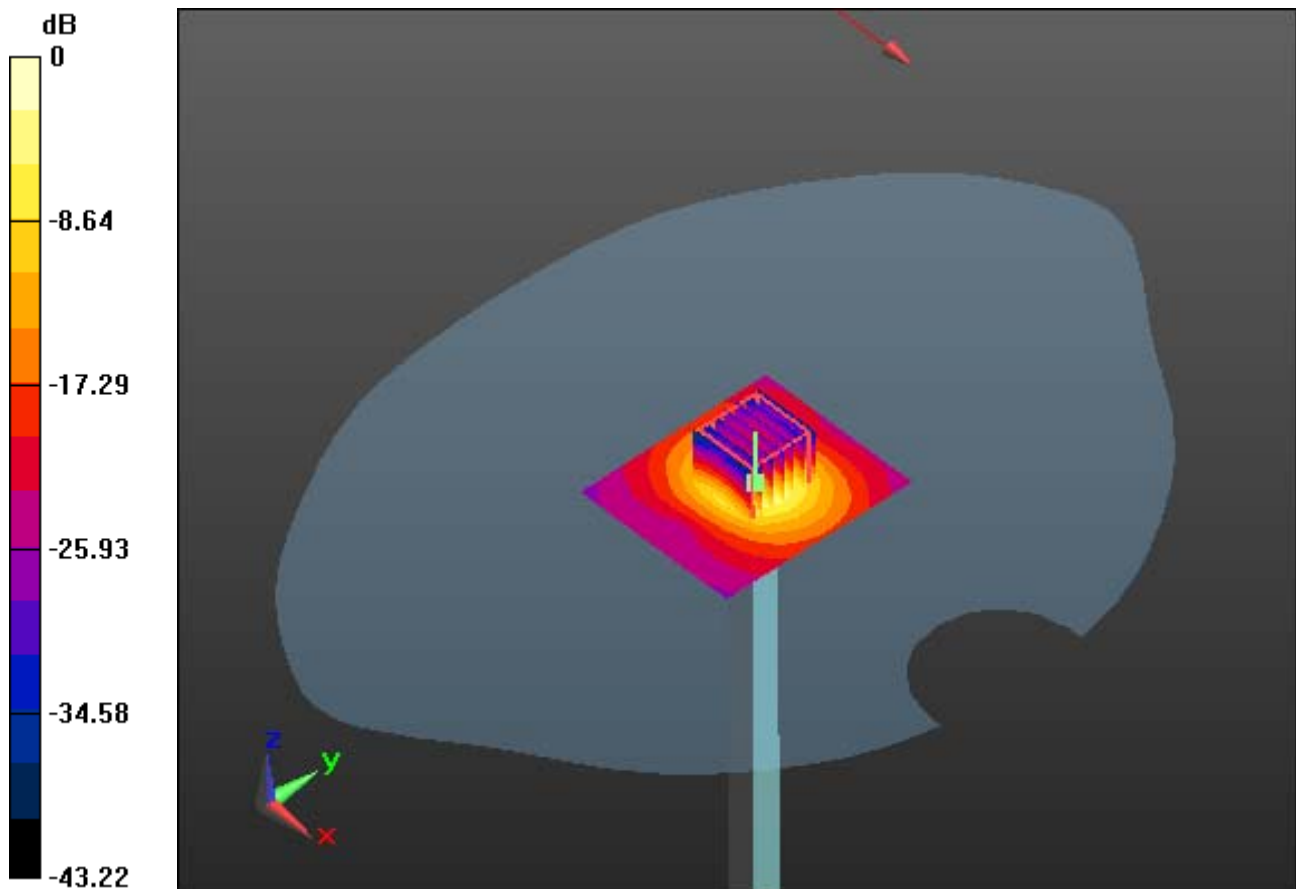
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.1 W/kg

**SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.31 W/kg**



0 dB = 17.4 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: W-LAN\_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.899$  S/m;  $\epsilon_r = 35.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

### **5300 MHz System Verification**

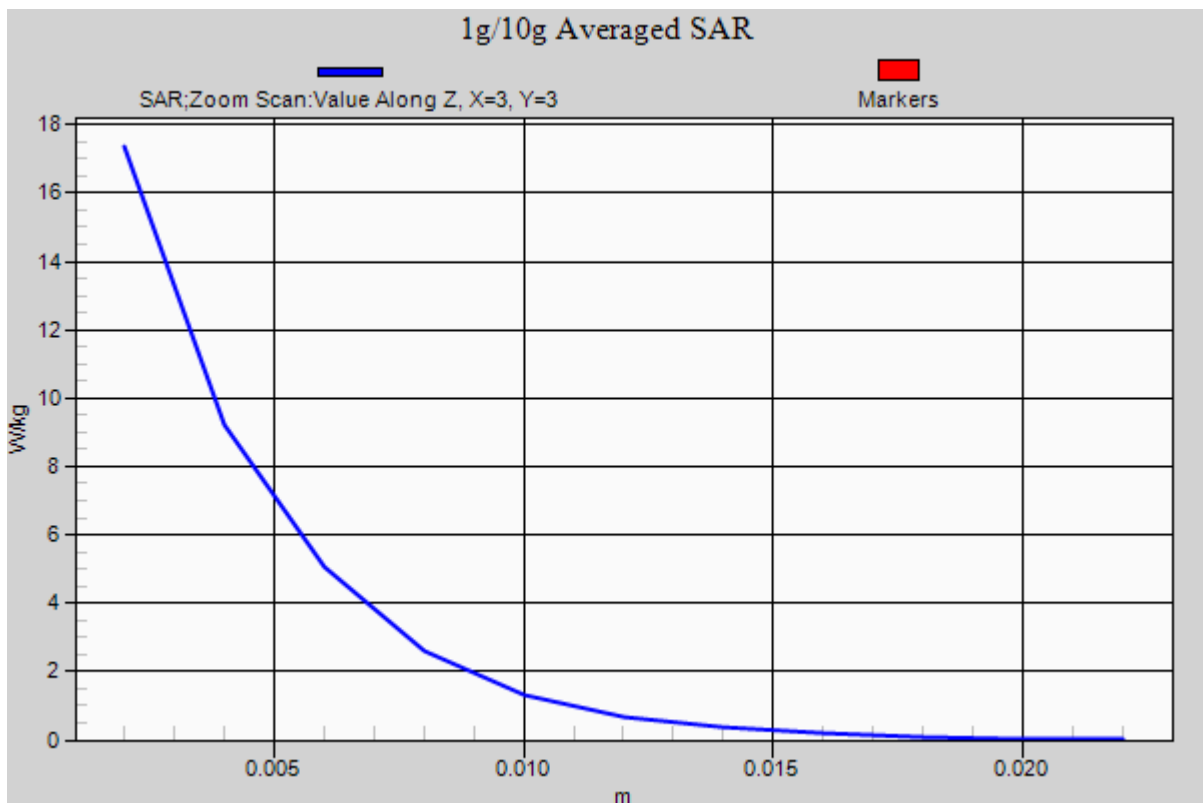
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.1 W/kg

**SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.31 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.231$  S/m;  $\epsilon_r = 48.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5300 MHz System Verification**

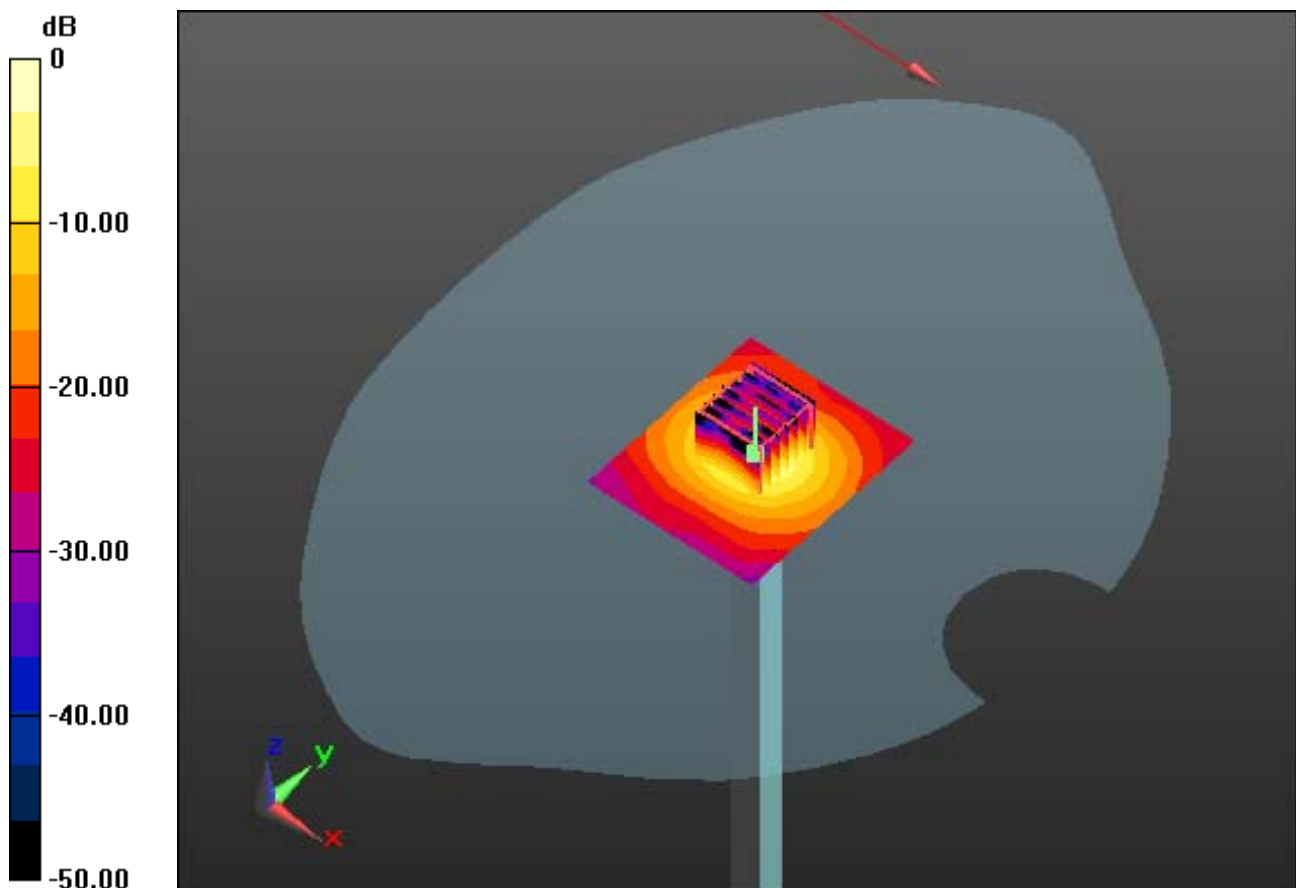
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 35.3 W/kg

**SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.22 W/kg**



0 dB = 17.0 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.231$  S/m;  $\epsilon_r = 48.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

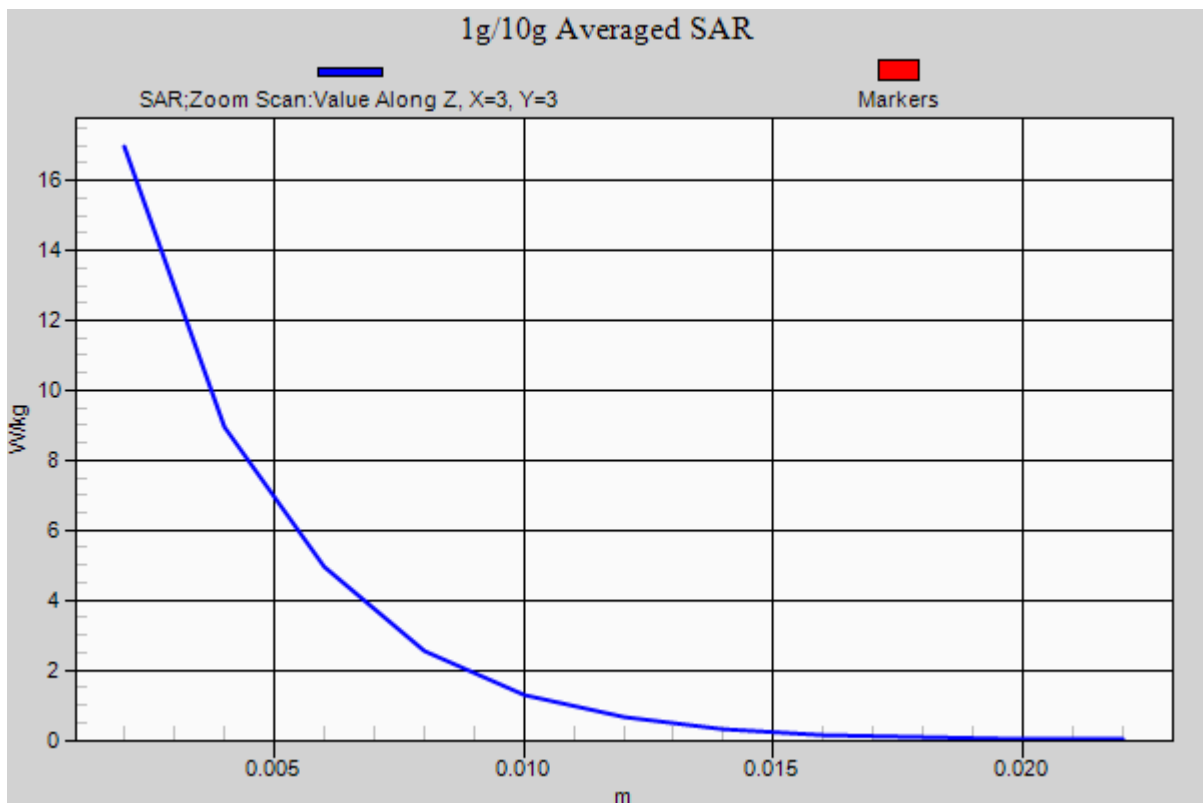
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5300 MHz System Verification**

**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 35.3 W/kg  
**SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.22 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: W-LAN\_5600 (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.258$  S/m;  $\epsilon_r = 35.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.2

### **5600 MHz System Verification**

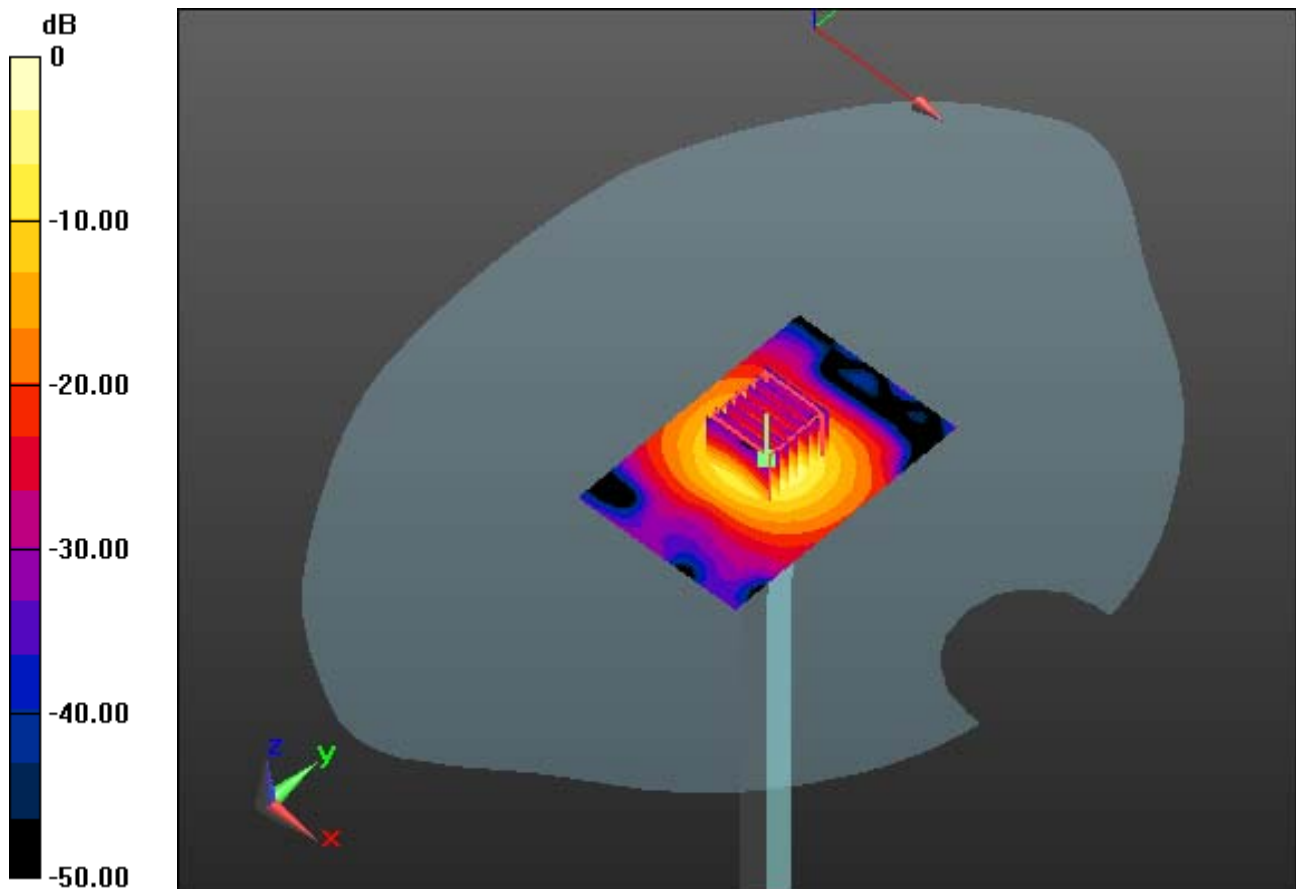
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 40.2 W/kg

**SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.4 W/kg**



0 dB = 18.2 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: W-LAN\_5600 (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.258$  S/m;  $\epsilon_r = 35.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

### **5600 MHz System Verification**

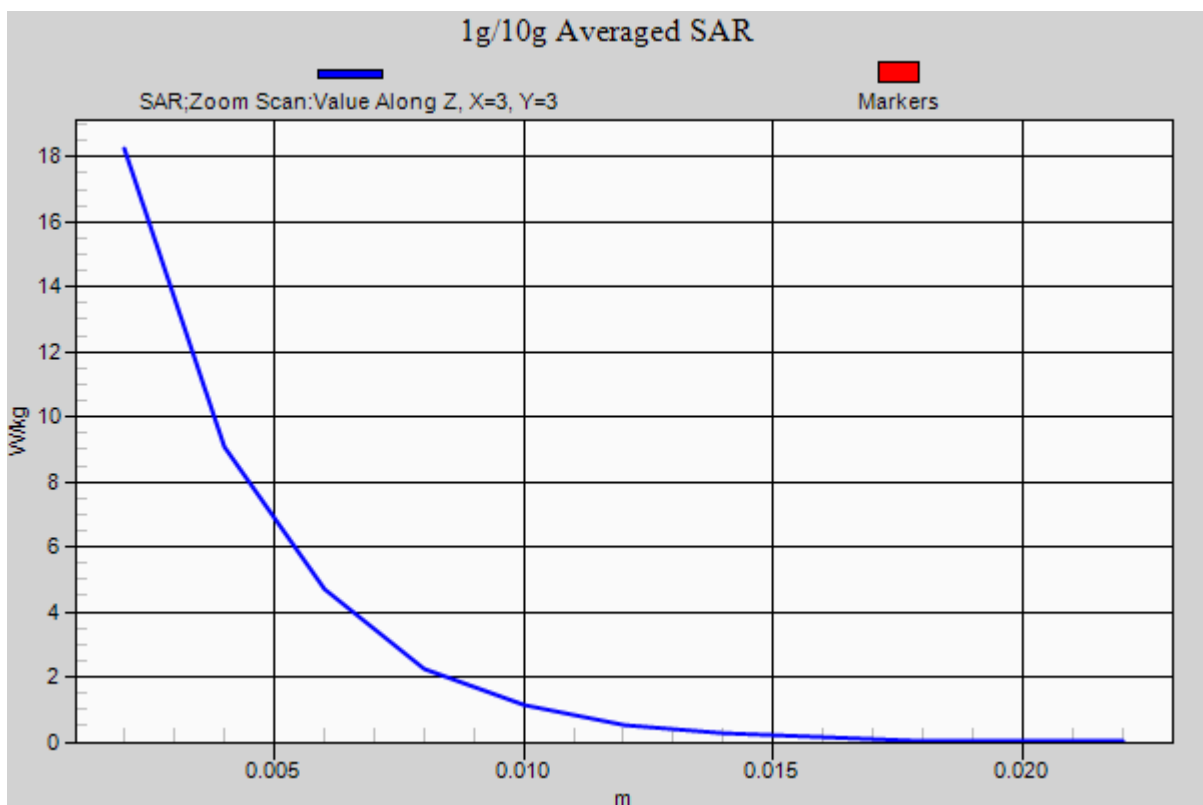
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 40.2 W/kg

**SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.4 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.641$  S/m;  $\epsilon_r = 48.199$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5600 MHz System Verification**

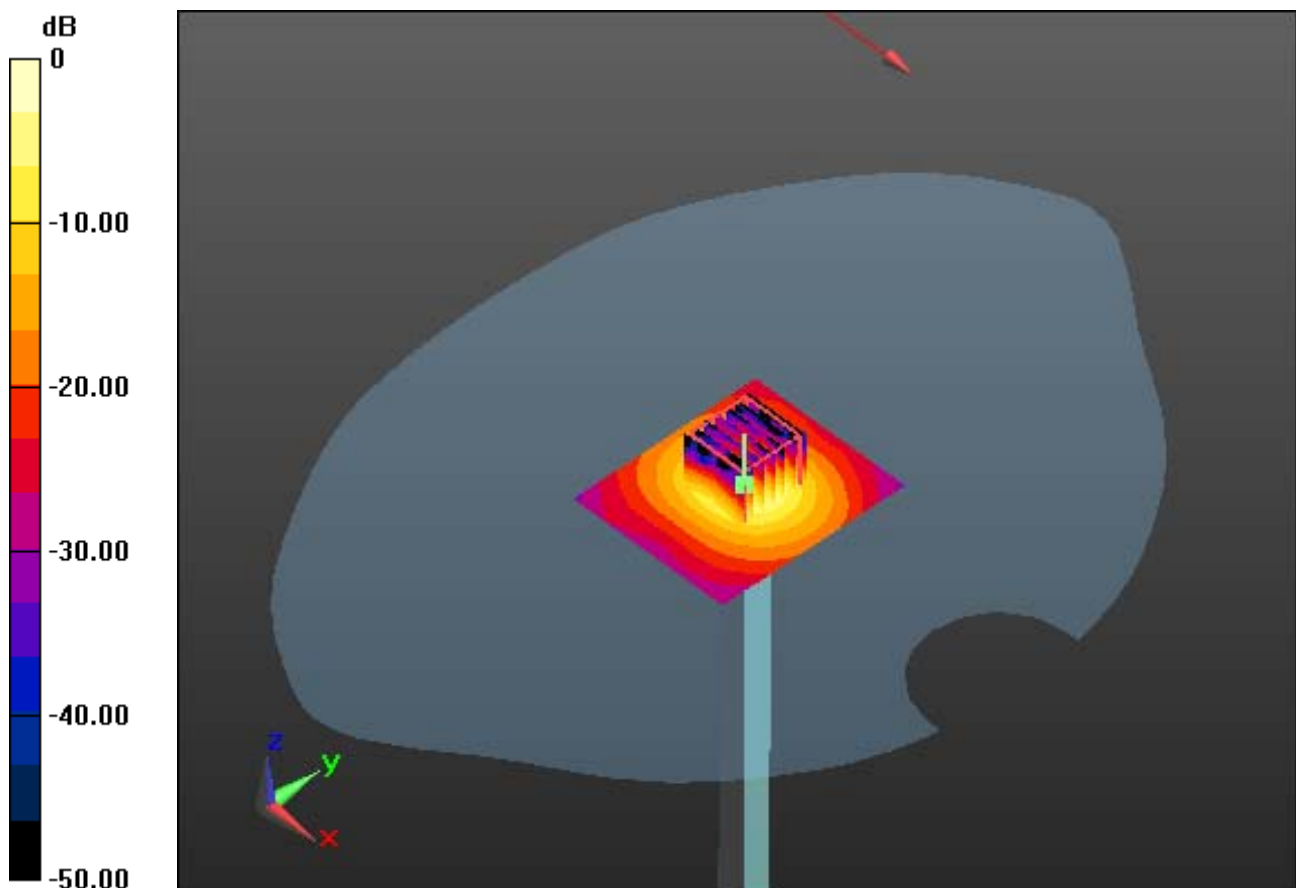
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.9 W/kg

**SAR(1 g) = 8.38 W/kg; SAR(10 g) = 2.33 W/kg**



0 dB = 17.9 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.641$  S/m;  $\epsilon_r = 48.199$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5600 MHz System Verification**

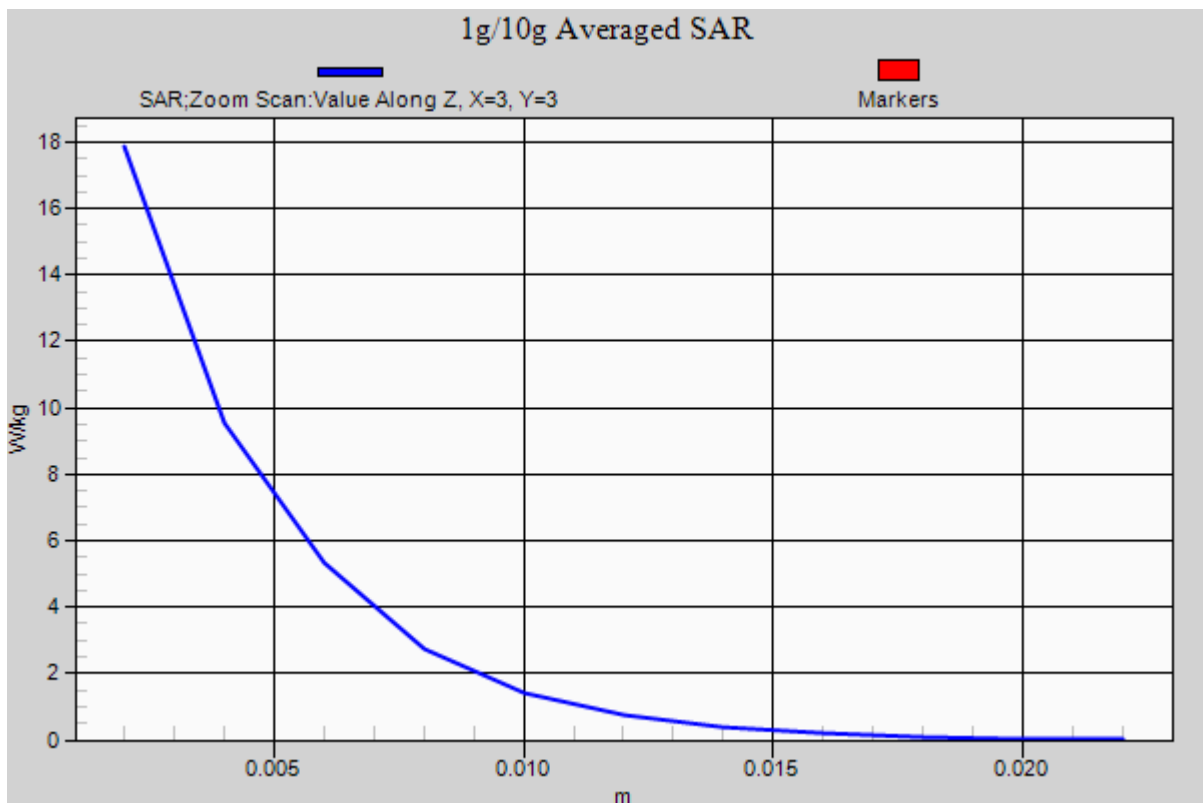
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.9 W/kg

**SAR(1 g) = 8.38 W/kg; SAR(10 g) = 2.33 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.495$  S/m;  $\epsilon_r = 35.041$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

### **5800 MHz System Verification**

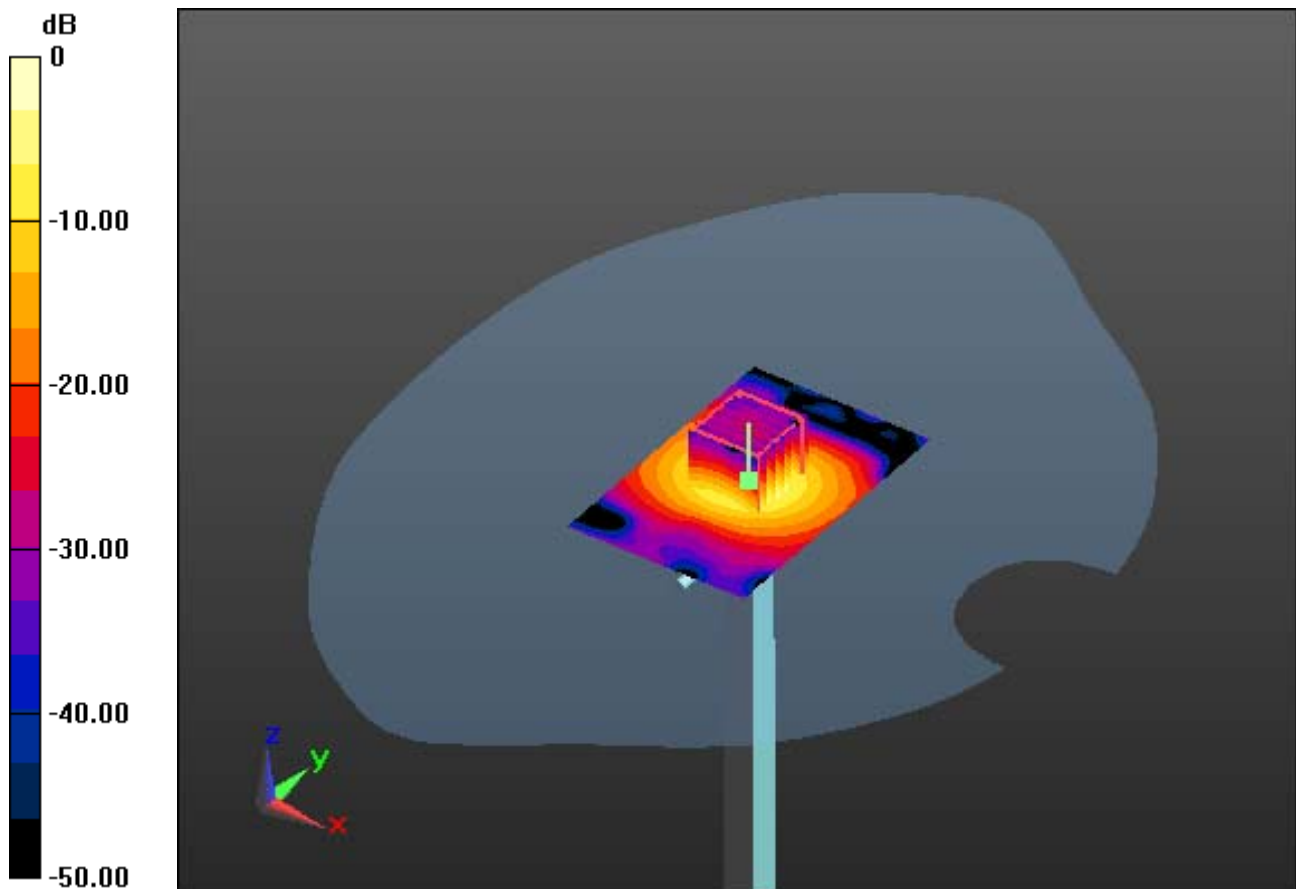
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.2 W/kg

**SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.22 W/kg**



0 dB = 16.9 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.495$  S/m;  $\epsilon_r = 35.041$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

### **5800 MHz System Verification**

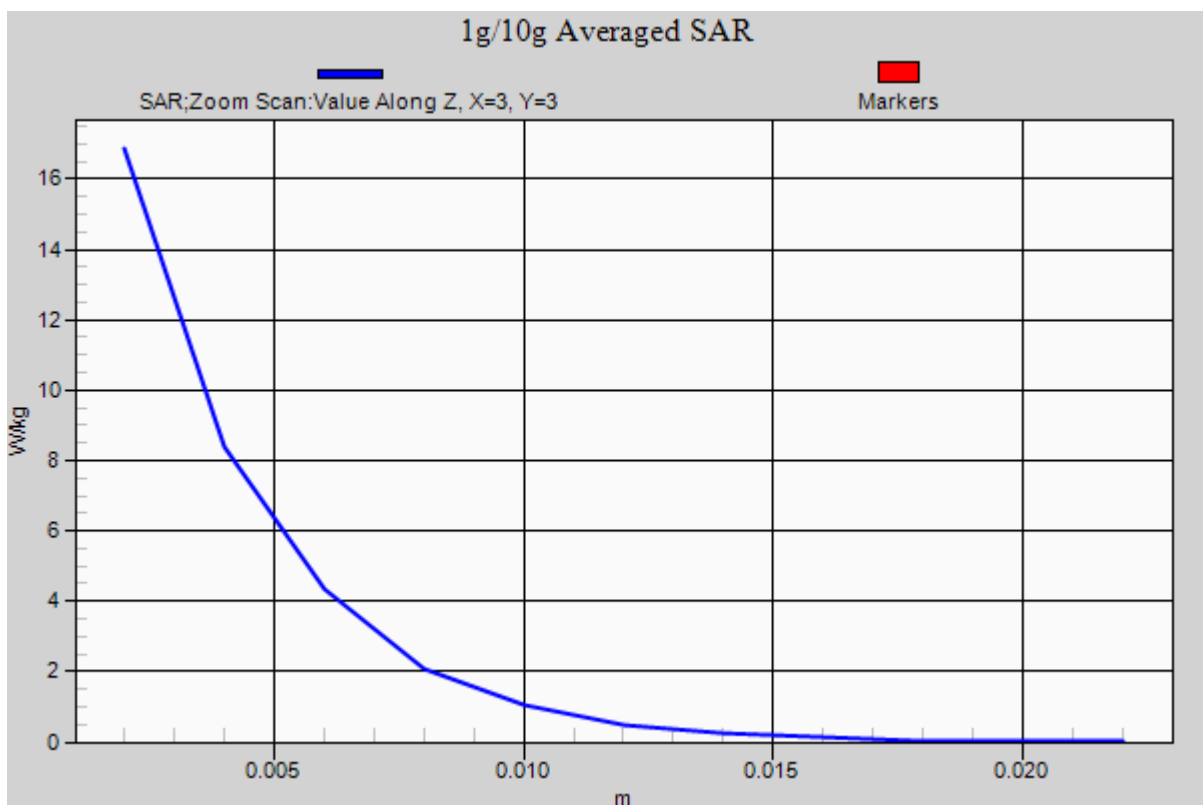
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.2 W/kg

**SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.22 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.9$  S/m;  $\epsilon_r = 47.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5800 MHz System Verification**

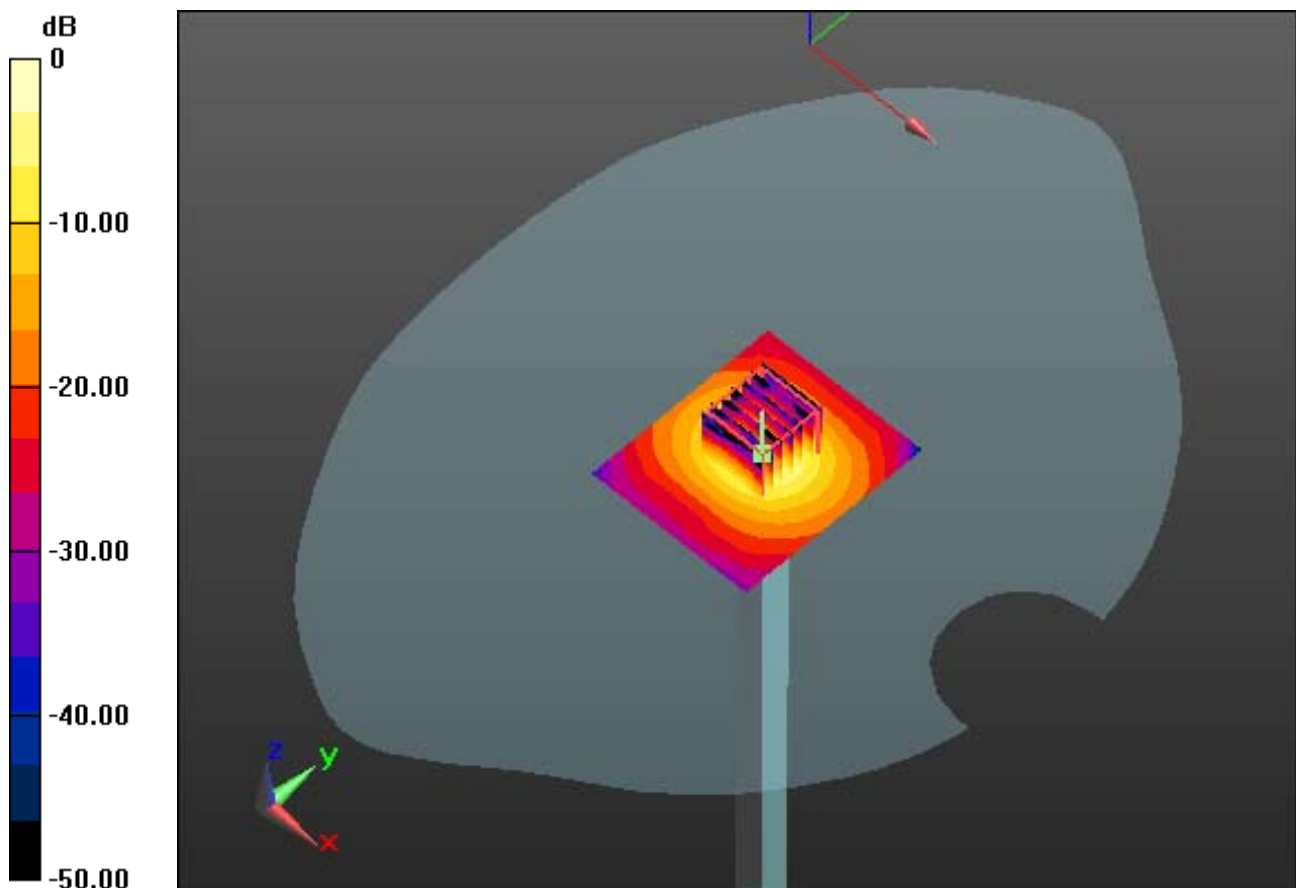
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.5 W/kg

**SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.25 W/kg**



0 dB = 17.1 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103**

Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.9$  S/m;  $\epsilon_r = 47.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

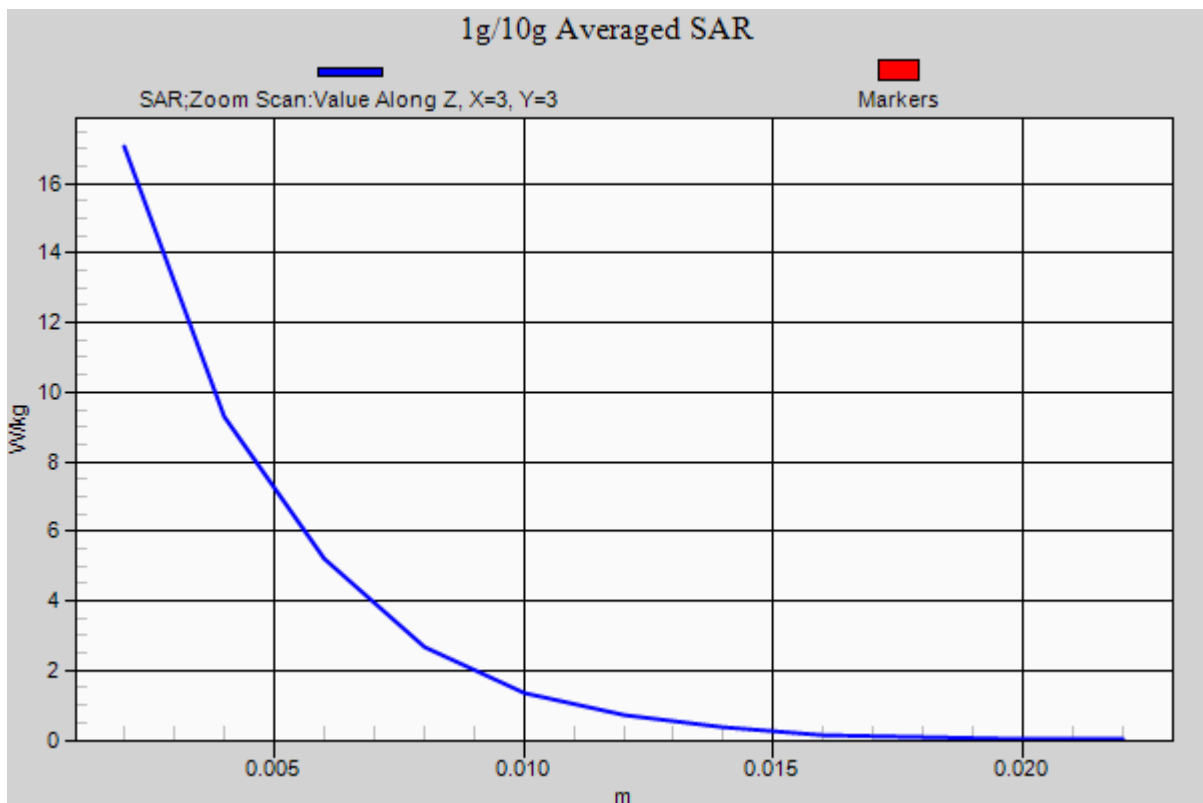
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

### **5800 MHz System Verification**

**Area Scan (61x71x1):** Interpolated 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) = 33.5 W/kg  
**SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.25 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 40.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

**Right Tilt, GSM850 GPRS 1Tx Ch. 190, Ant Internal, Standard Battery**

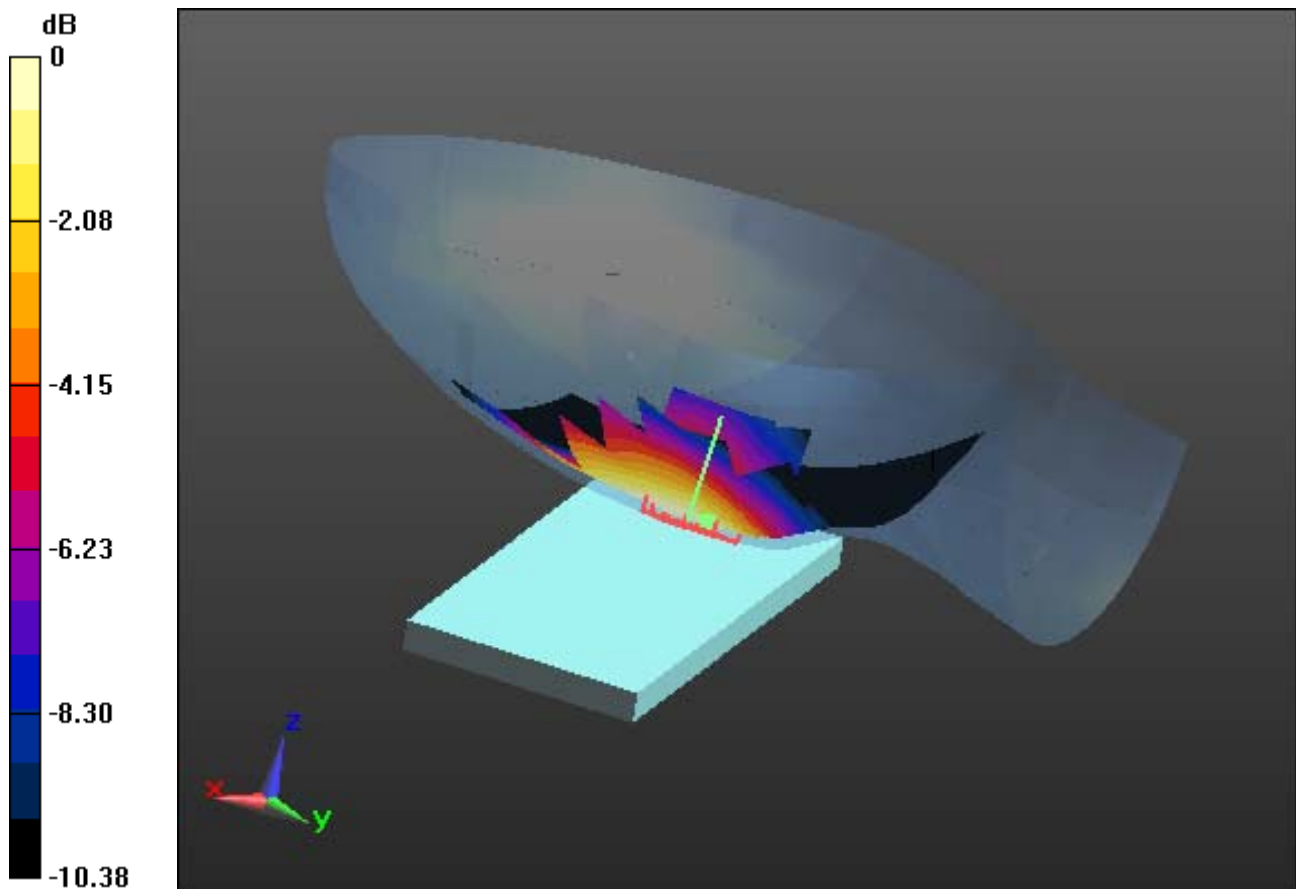
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.279 W/kg**



0 dB = 0.431 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 40.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

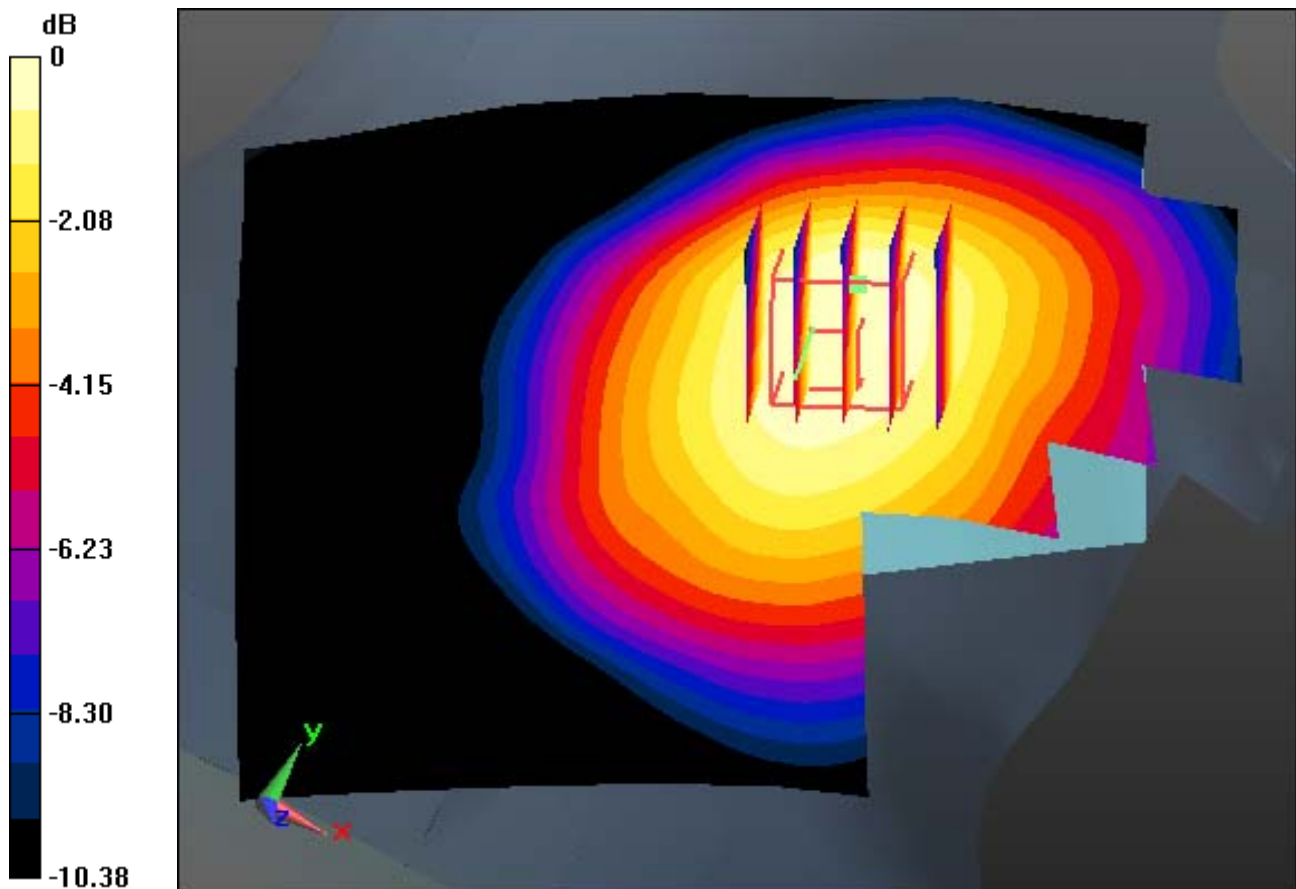
Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

**Right Tilt, GSM850 GPRS 1Tx Ch. 190, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (81x121x1):** Interpolated 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) = 0.478 W/kg  
**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.279 W/kg**



0 dB = 0.431 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.882$  S/m;  $\epsilon_r = 40.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-15; Ambient Temp: 21.0; Tissue Temp: 21.5

**Right Tilt, GSM850 GPRS 1Tx Ch. 190, Ant Internal, Standard Battery**

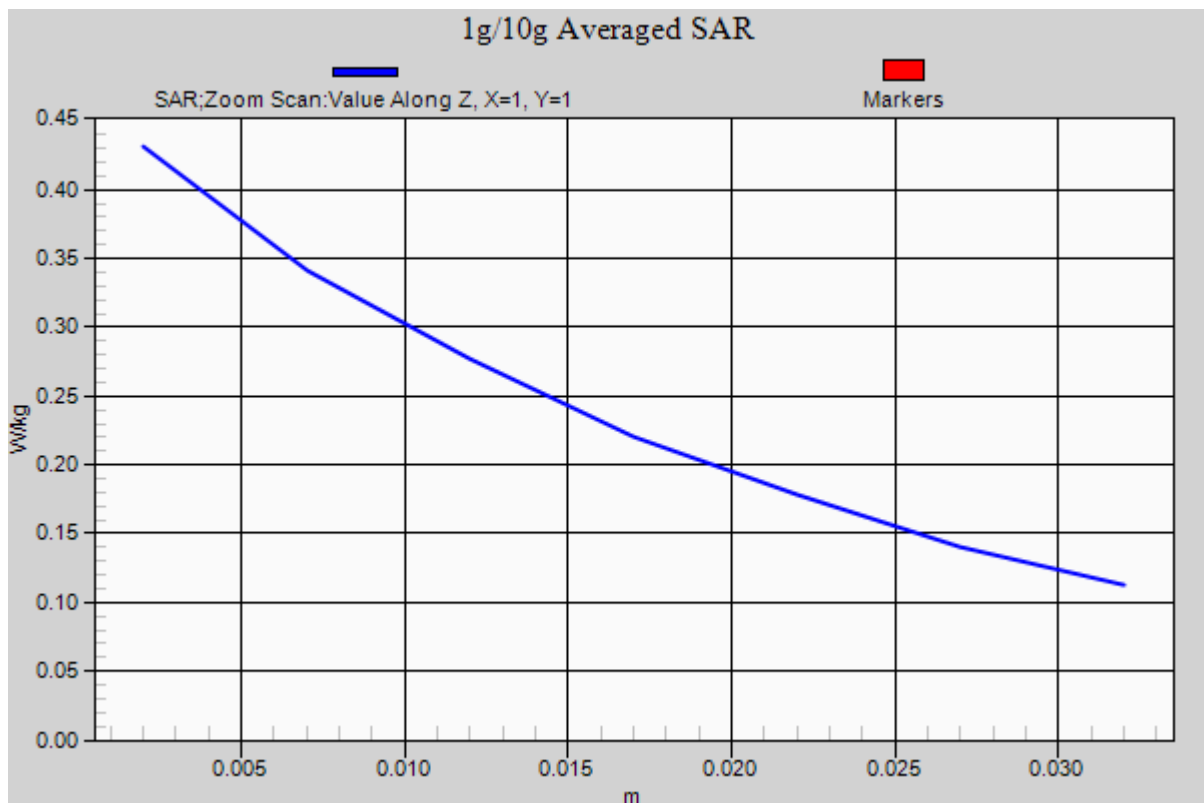
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.279 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS1900\_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 39.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

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

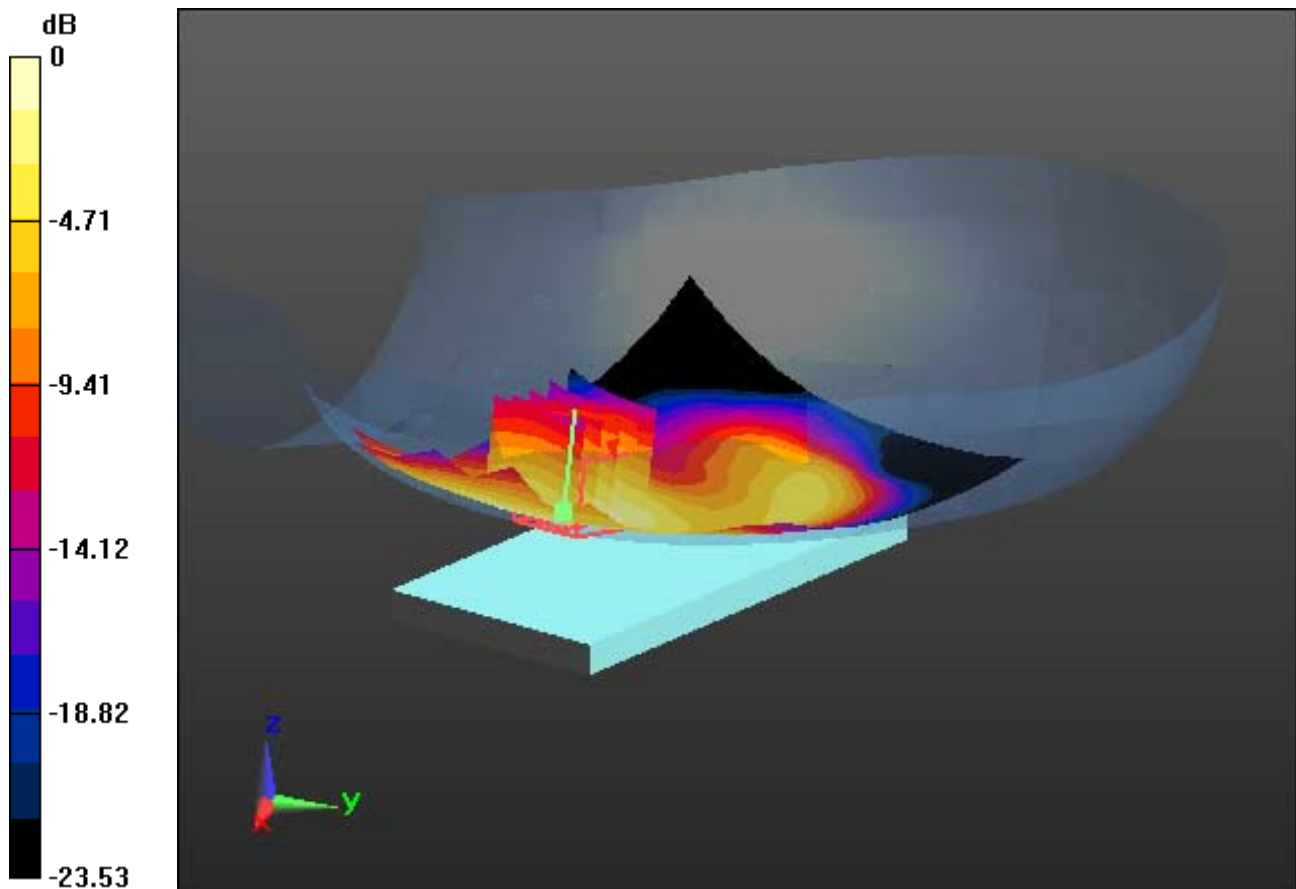
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg**



0 dB = 0.405 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS1900\_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 39.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

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

**With Enlarge plot image**

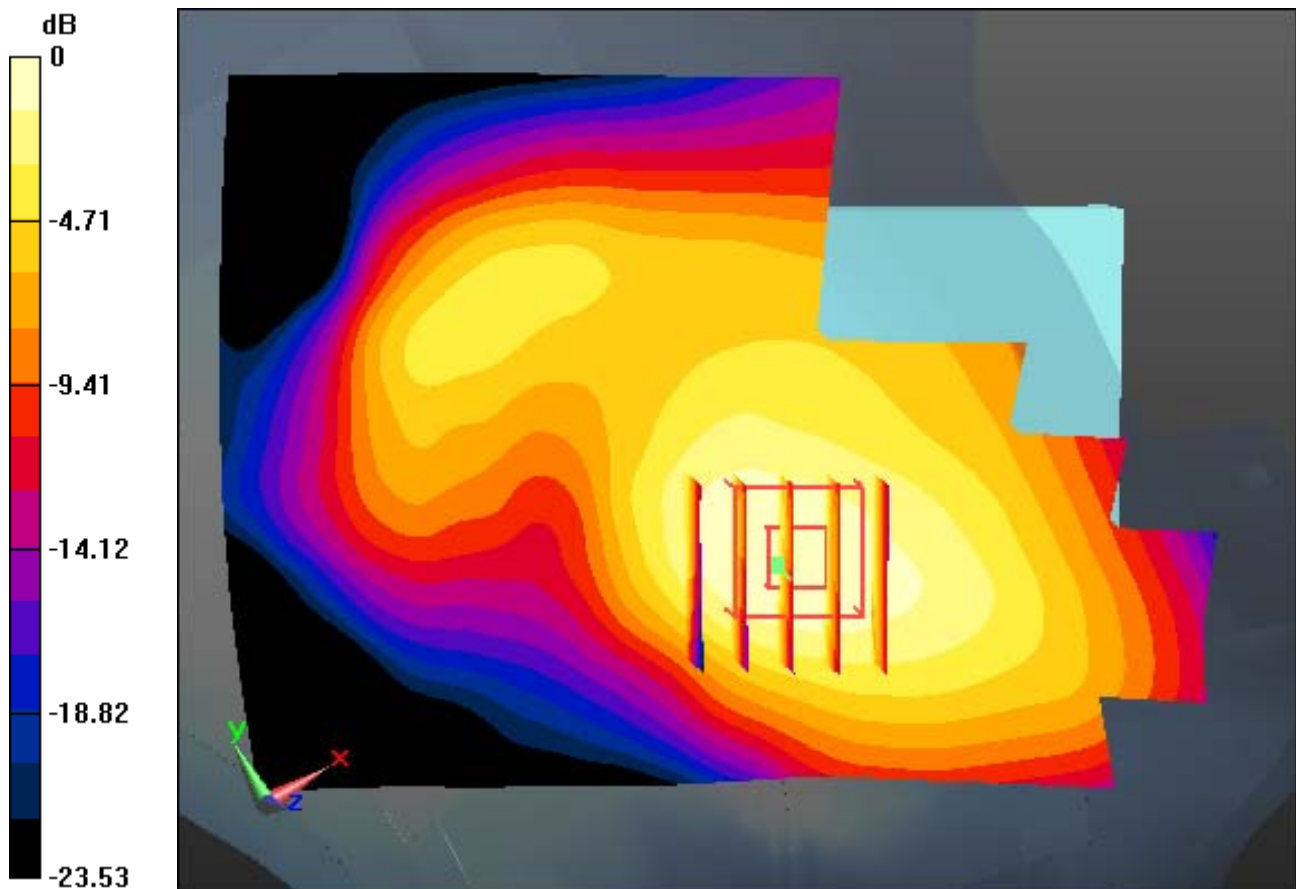
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg**



0 dB = 0.405 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS1900\_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.416$  S/m;  $\epsilon_r = 39.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.53, 8.53, 8.53); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-17; Ambient Temp: 21.2; Tissue Temp: 21.6

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

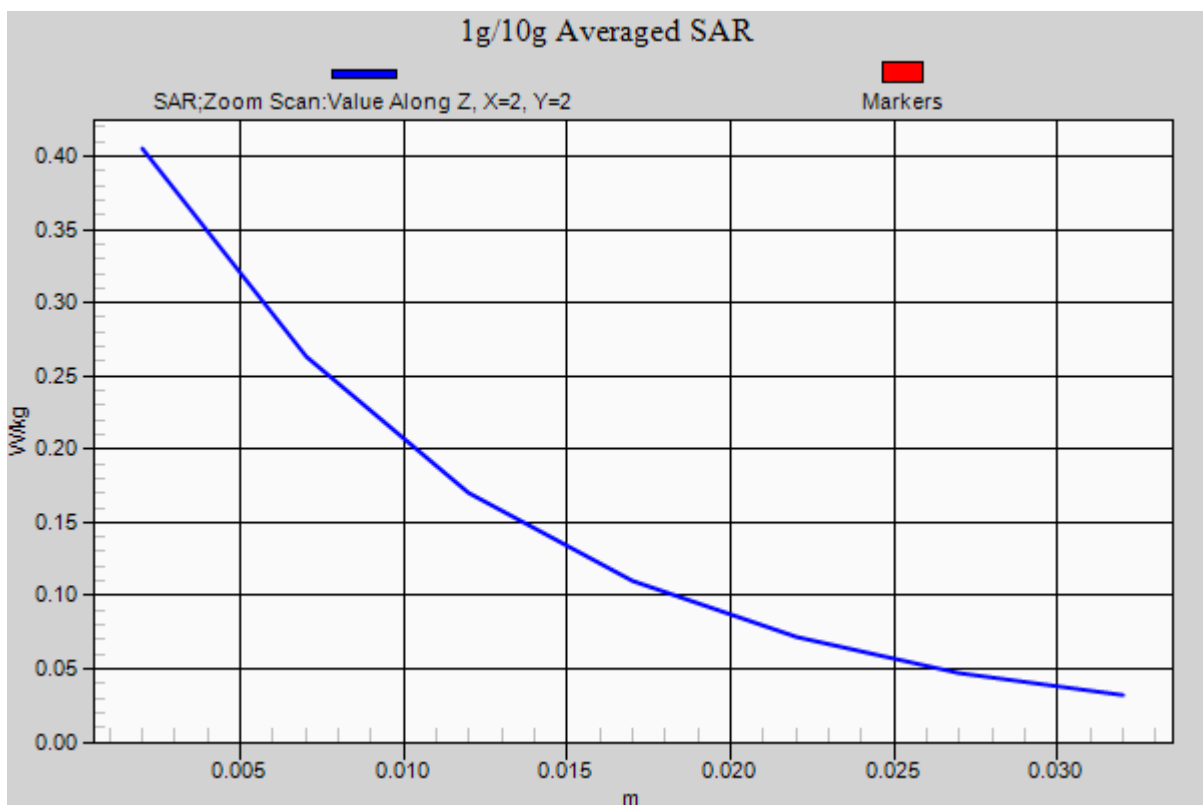
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.196 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

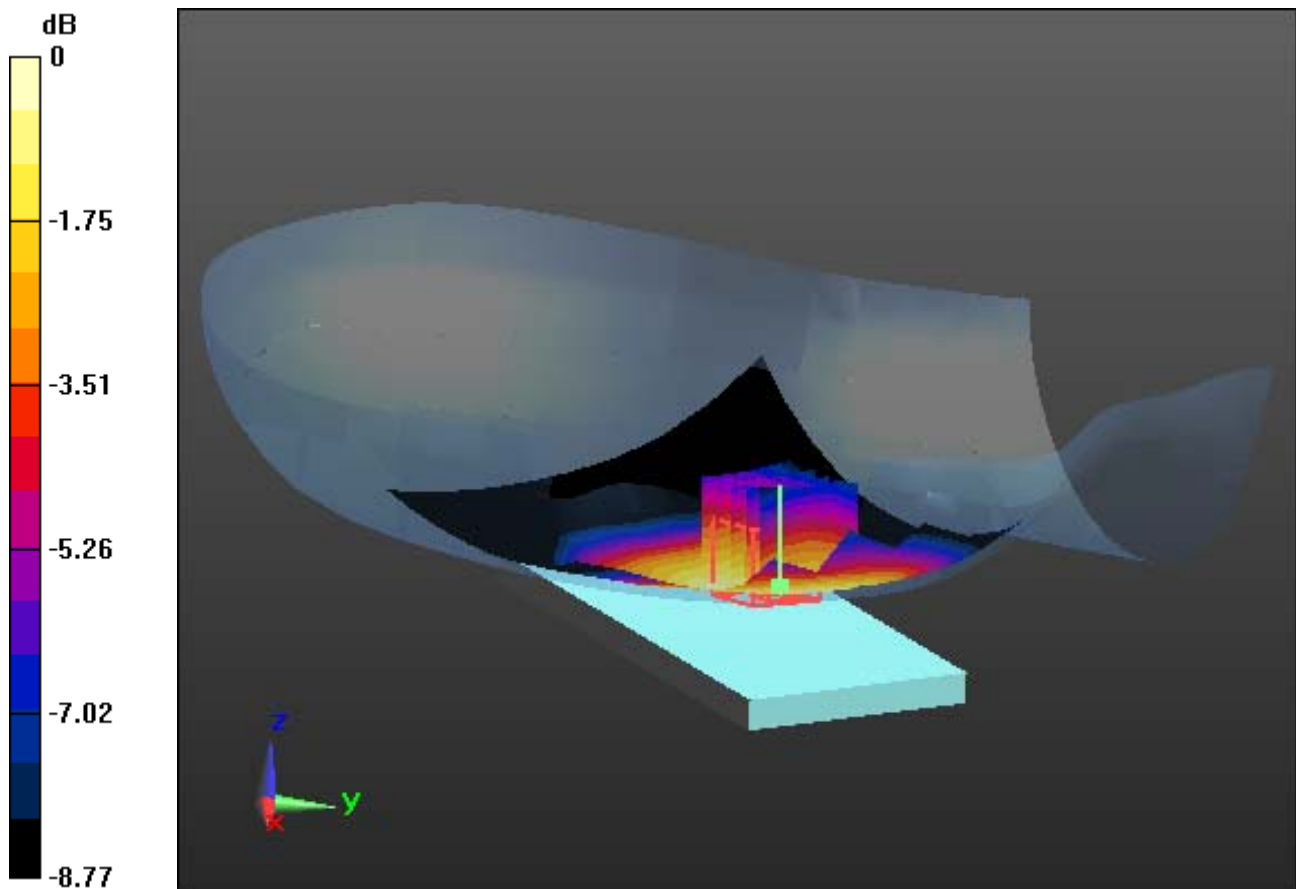
**Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery**

**Area Scan (81x121x1):** Interpolated 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) = 0.464 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.288 W/kg**





## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

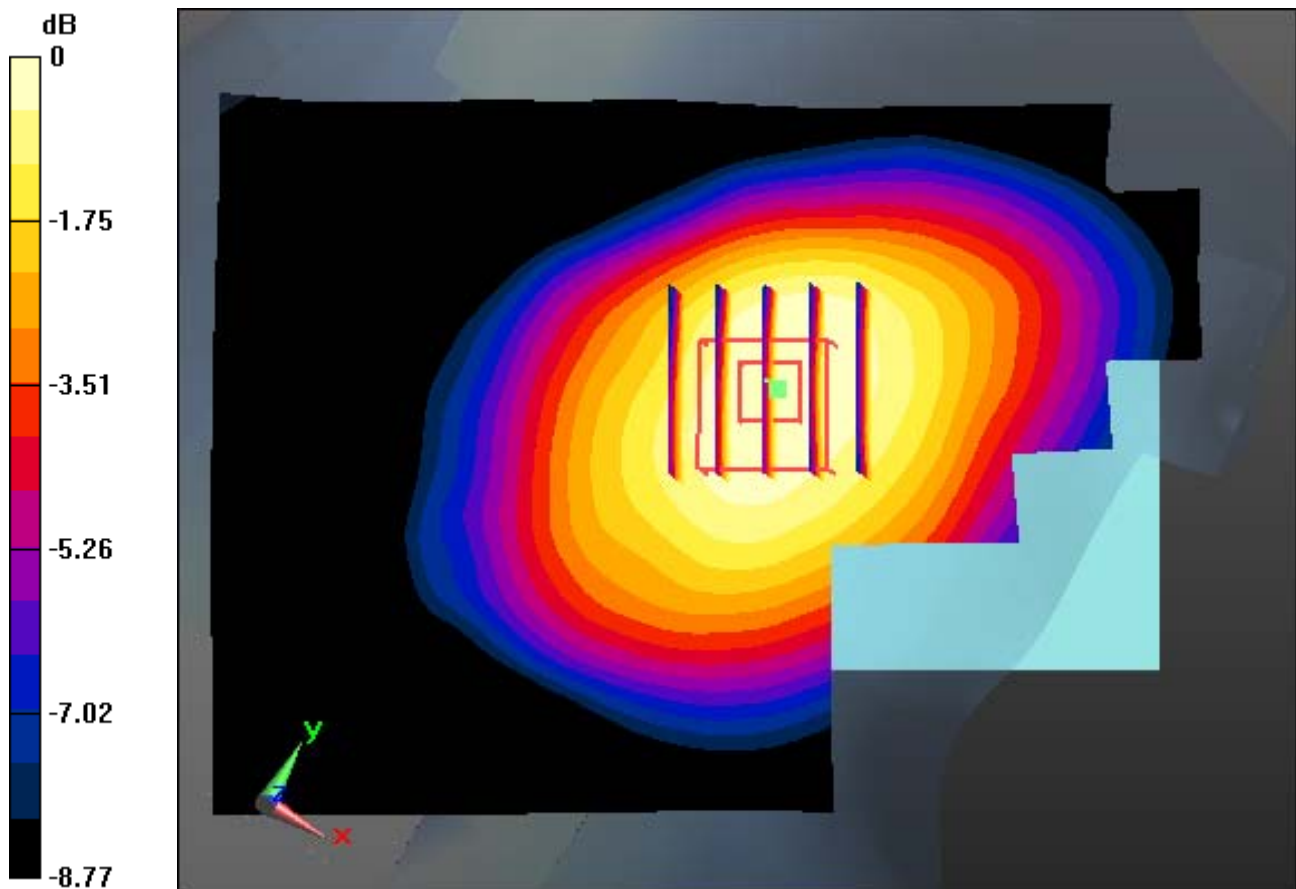
Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

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

**With Enlarge plot image**

**Area Scan (81x121x1):** Interpolated 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) = 0.464 W/kg  
**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.288 W/kg**



0 dB = 0.426 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar;**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.923$  S/m;  $\epsilon_r = 42.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

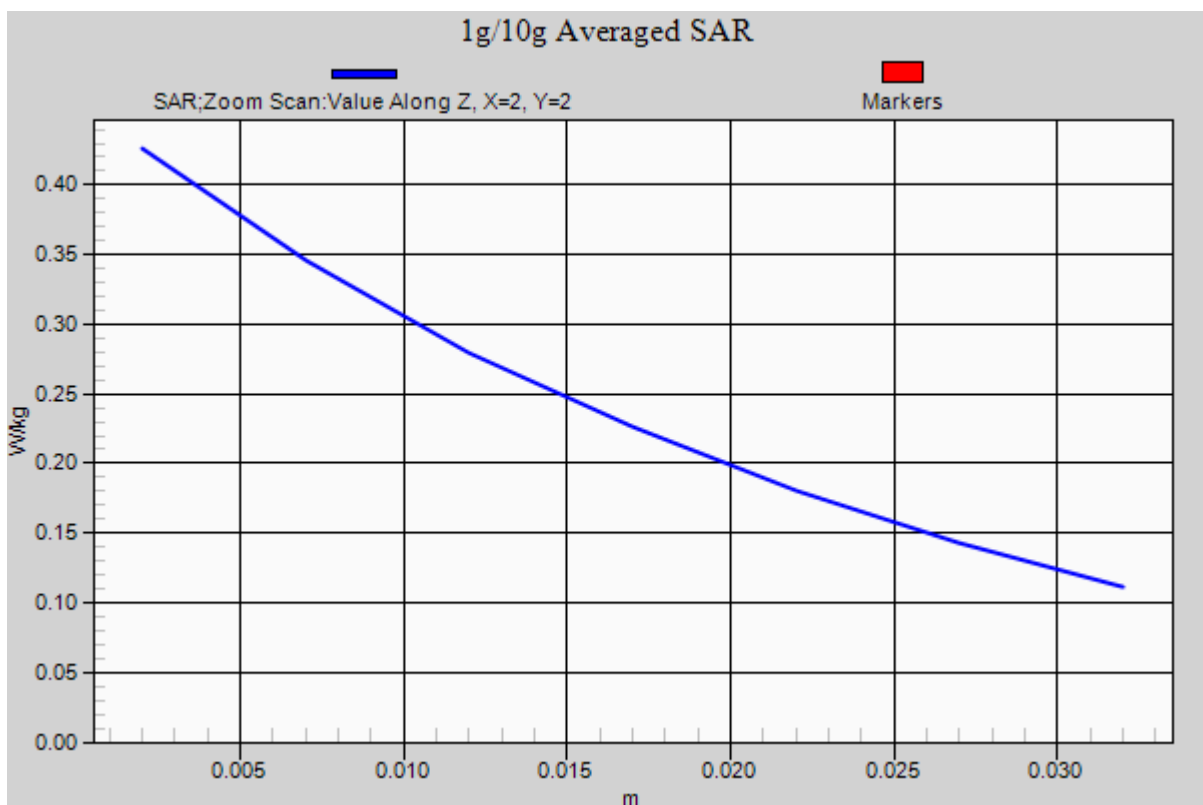
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.04, 10.04, 10.04); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.1

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

**Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.464 W/kg  
**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.288 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 37.946$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

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

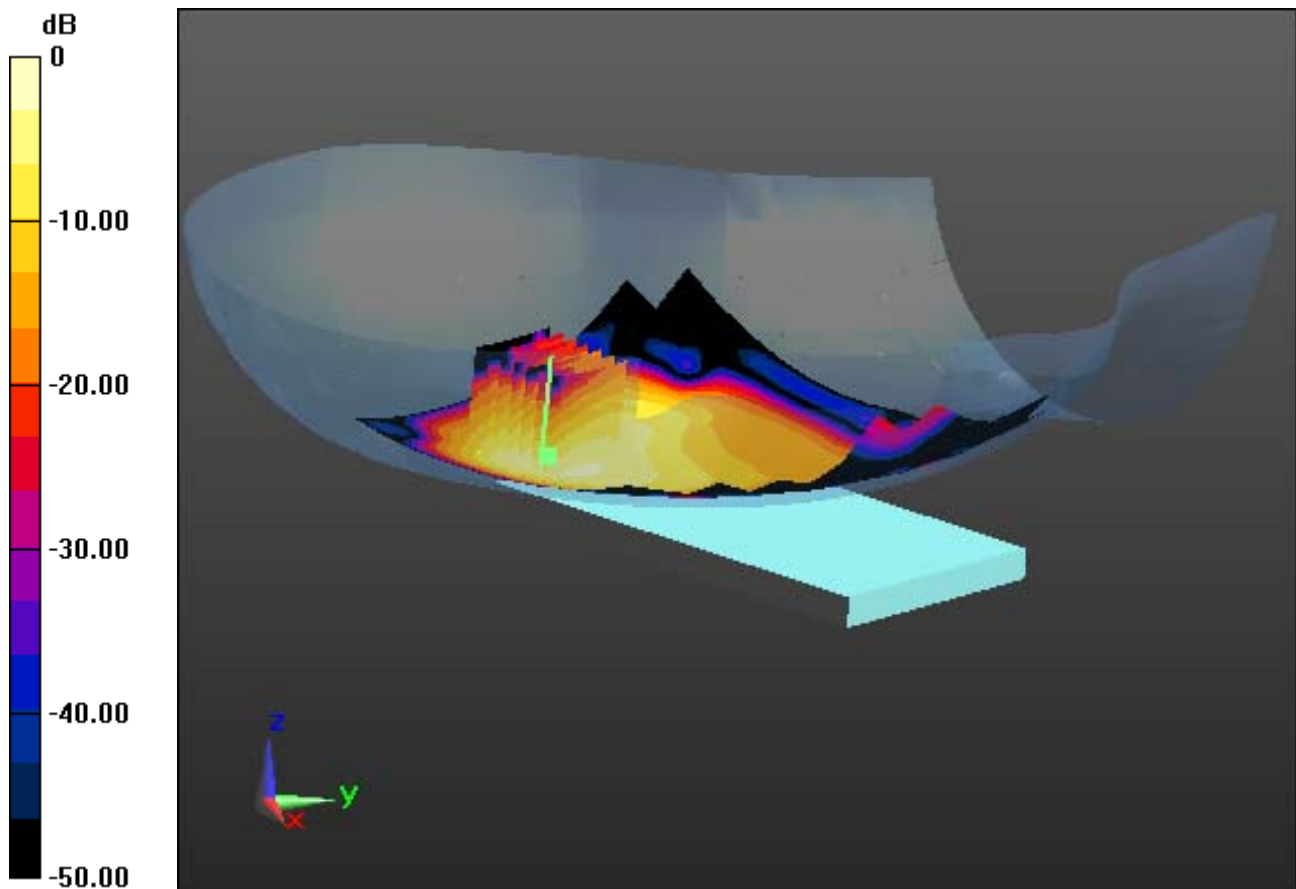
**Area Scan (101x141x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.086 W/kg**



0 dB = 0.276 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 37.946$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

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

**With Enlarge plot image**

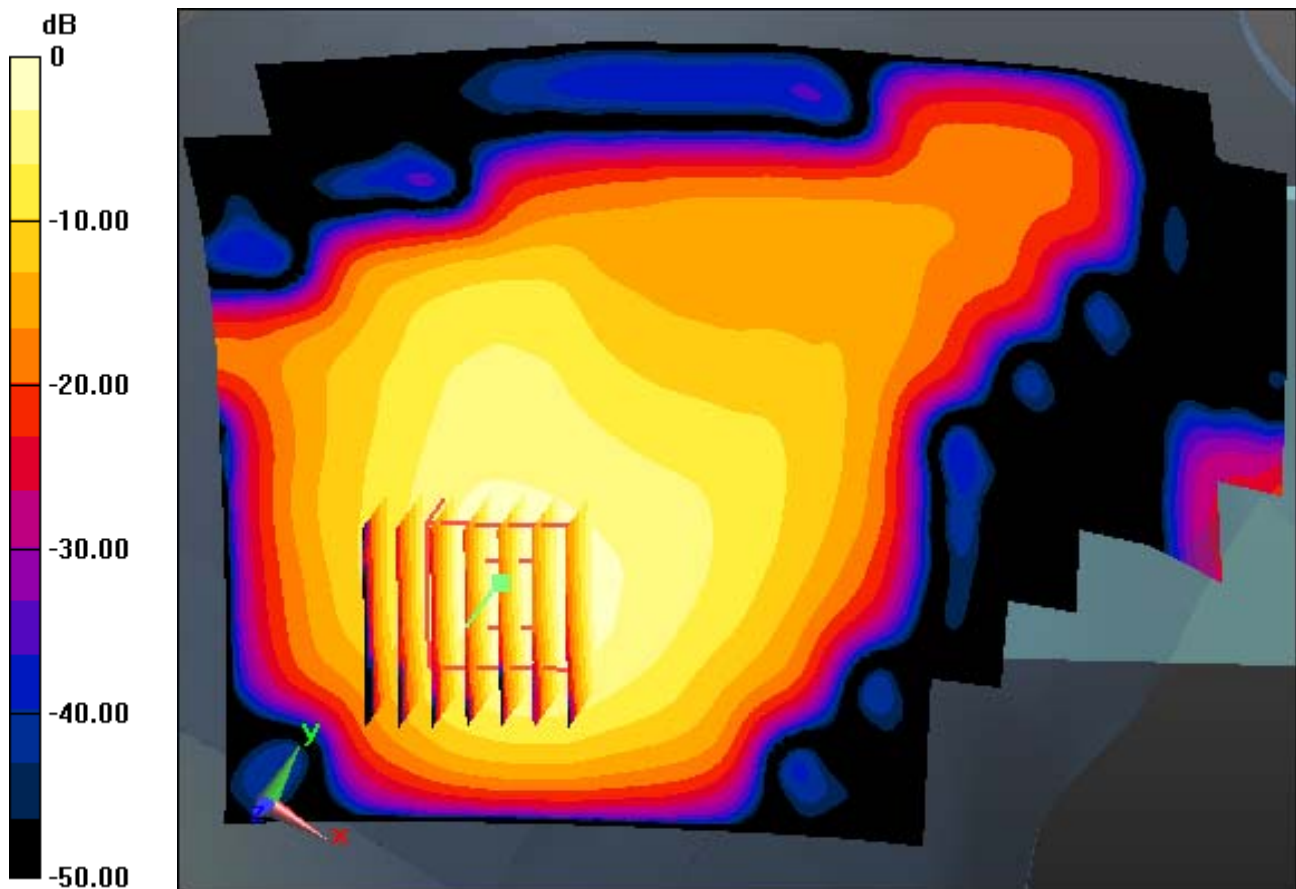
**Area Scan (101x141x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.086 W/kg**



0 dB = 0.276 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.8$  S/m;  $\epsilon_r = 37.946$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

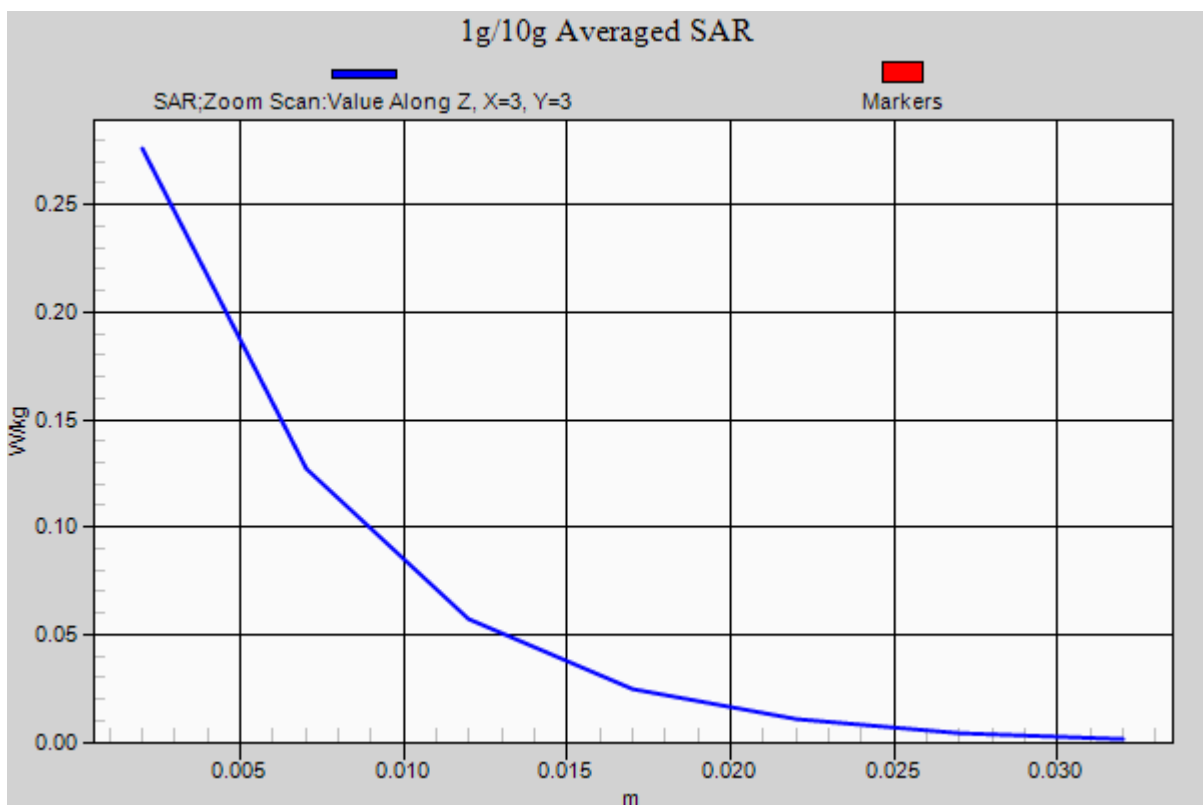
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.56, 7.56, 7.56); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.0

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

**Area Scan (101x141x1):** Interpolated grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.375 W/kg  
**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.086 W/kg**



## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.428$  S/m;  $\epsilon_r = 35.151$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

**Right Touch, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal, Standard Battery**

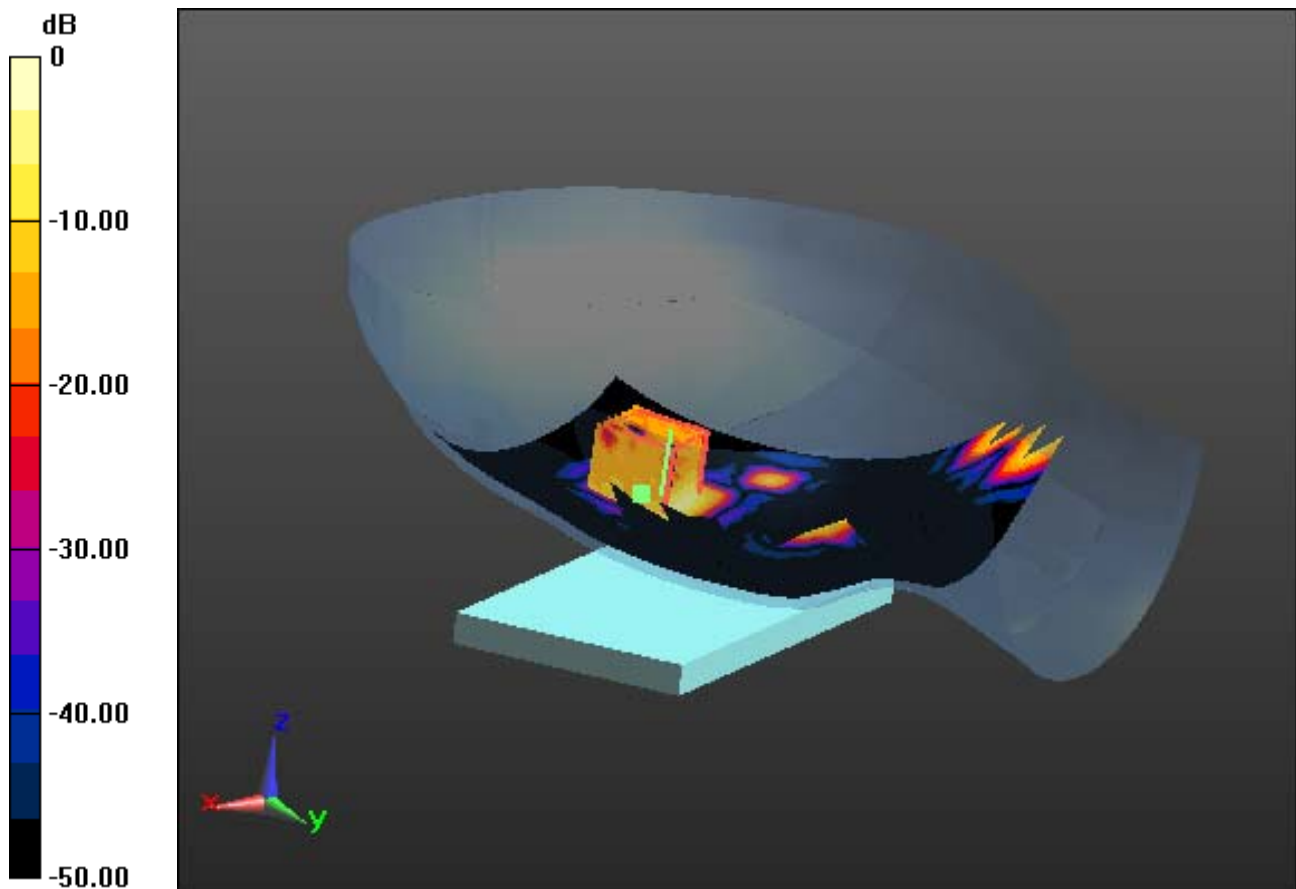
**Area Scan (151x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.446 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.428$  S/m;  $\epsilon_r = 35.151$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

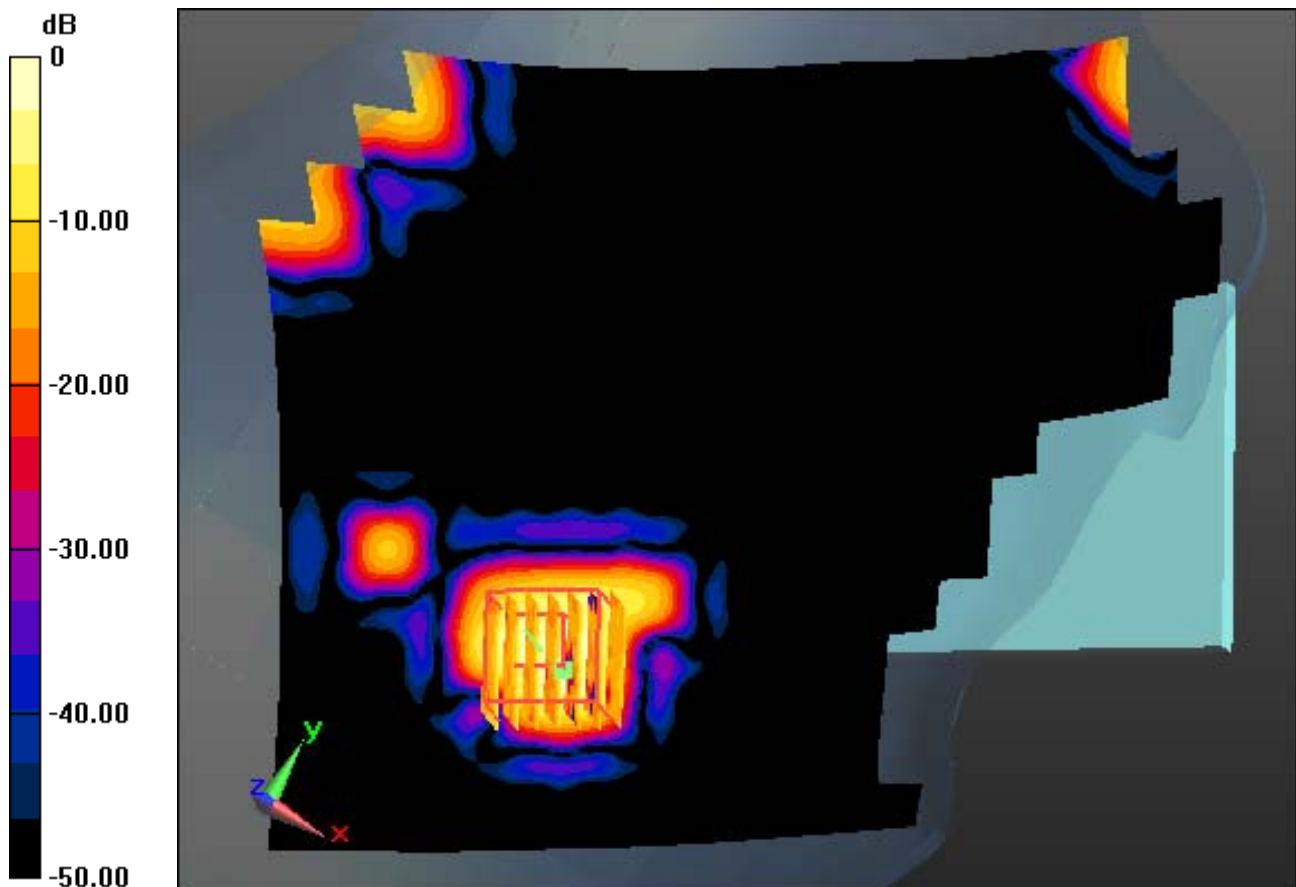
Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

**Right Touch, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (151x201x1):** Interpolated 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) = 0.835 W/kg  
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.446 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.428$  S/m;  $\epsilon_r = 35.151$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

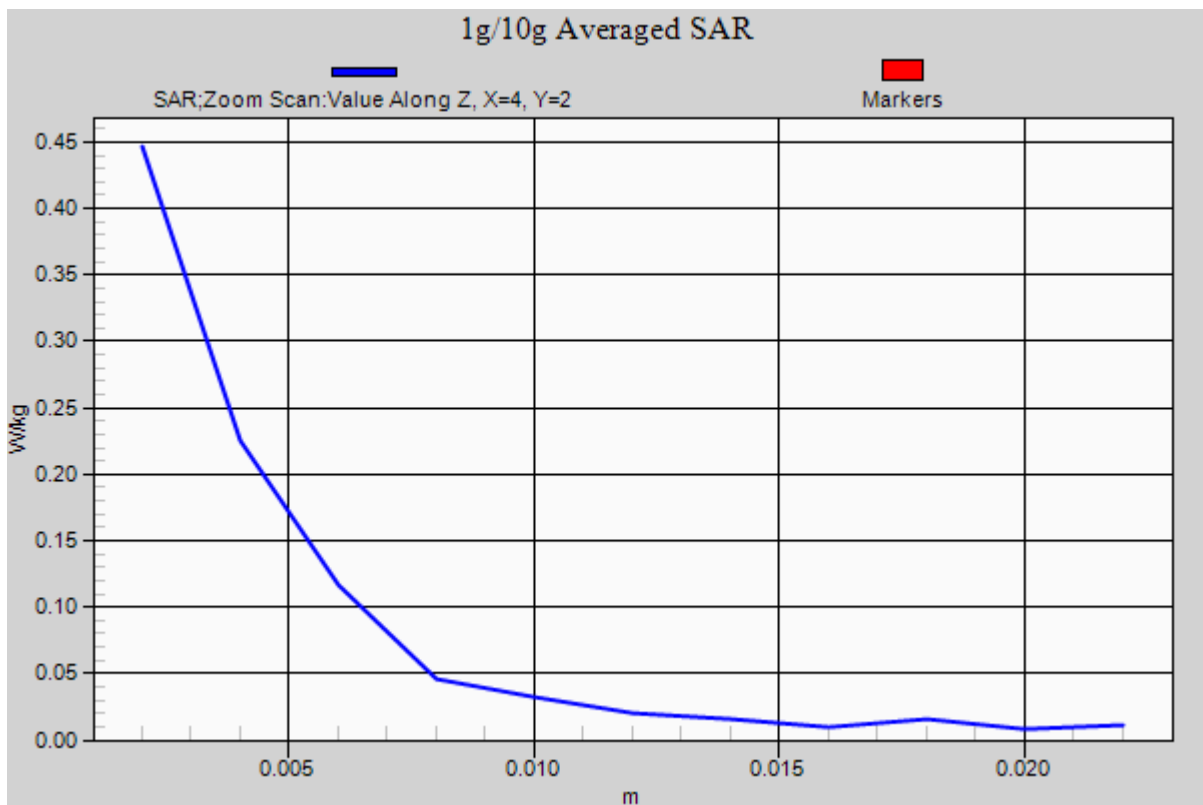
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.71, 4.71, 4.71); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

**Right Touch, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal, Standard Battery**

**Area Scan (151x201x1):** Interpolated 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) = 0.835 W/kg  
**SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.059 W/kg**





# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.757$  S/m;  $\epsilon_r = 36.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

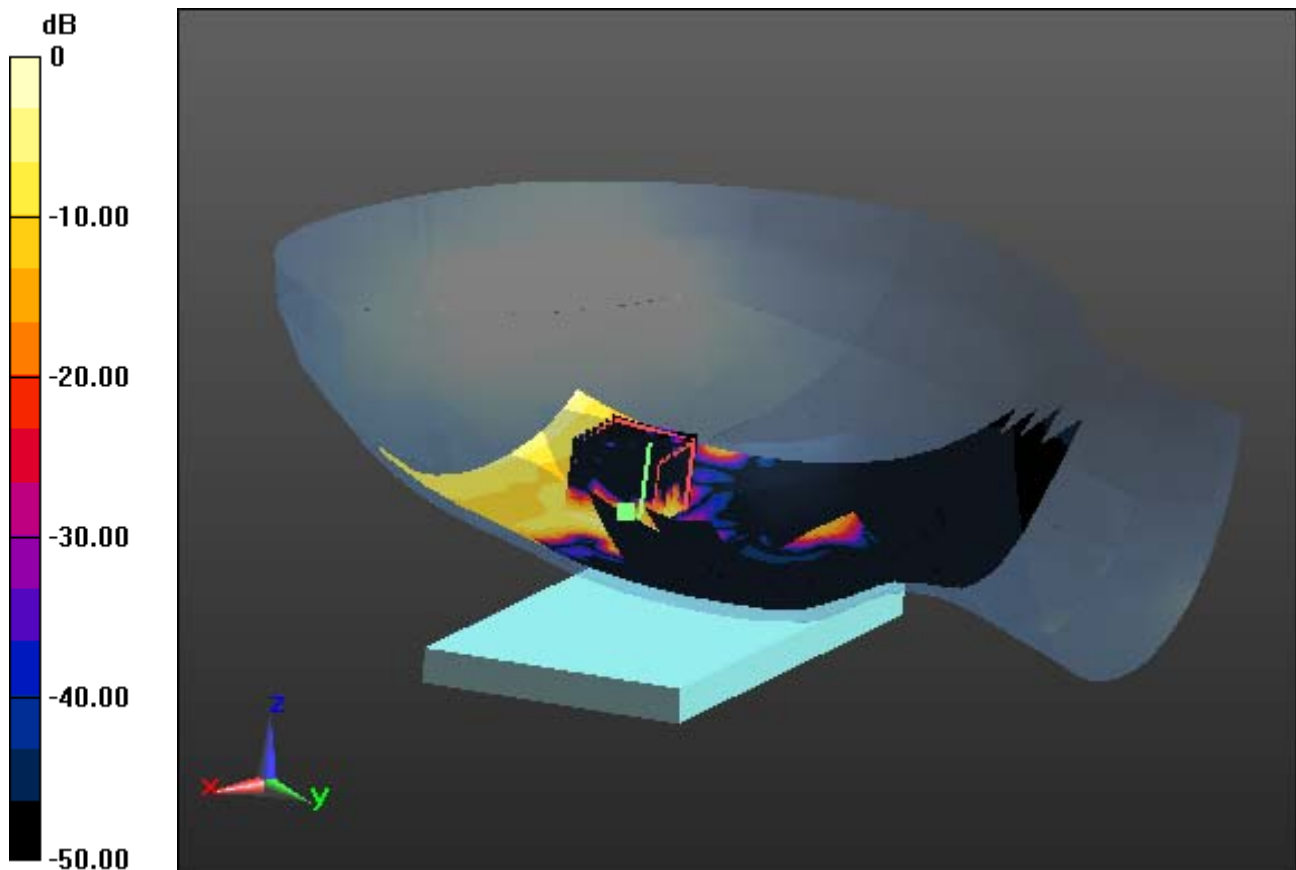
**Area Scan (151x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.412 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.227 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.757$  S/m;  $\epsilon_r = 36.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

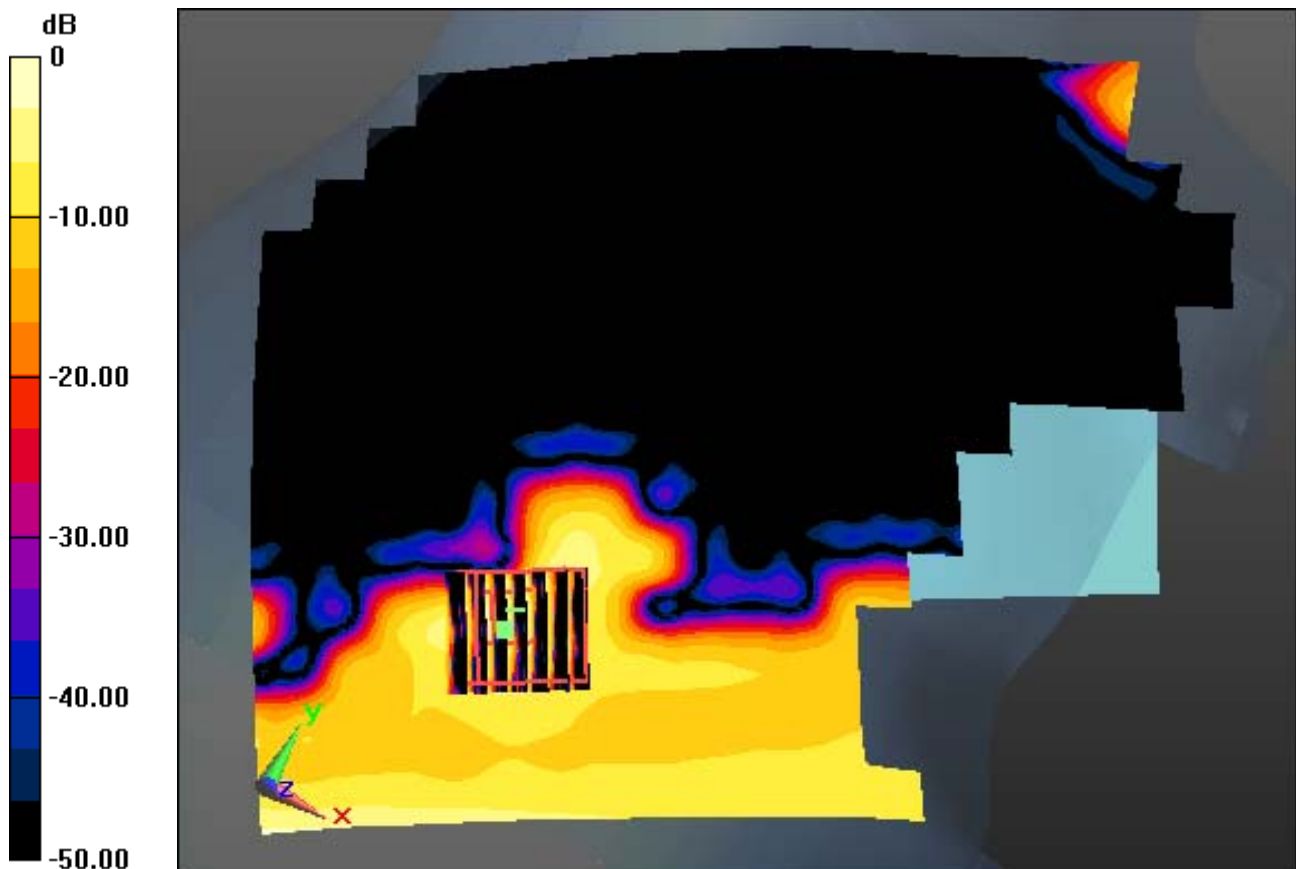
Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

**With Enlarge plot image**

**Area Scan (151x201x1):** Interpolated 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) = 0.412 W/kg  
**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.227 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.757$  S/m;  $\epsilon_r = 36.215$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

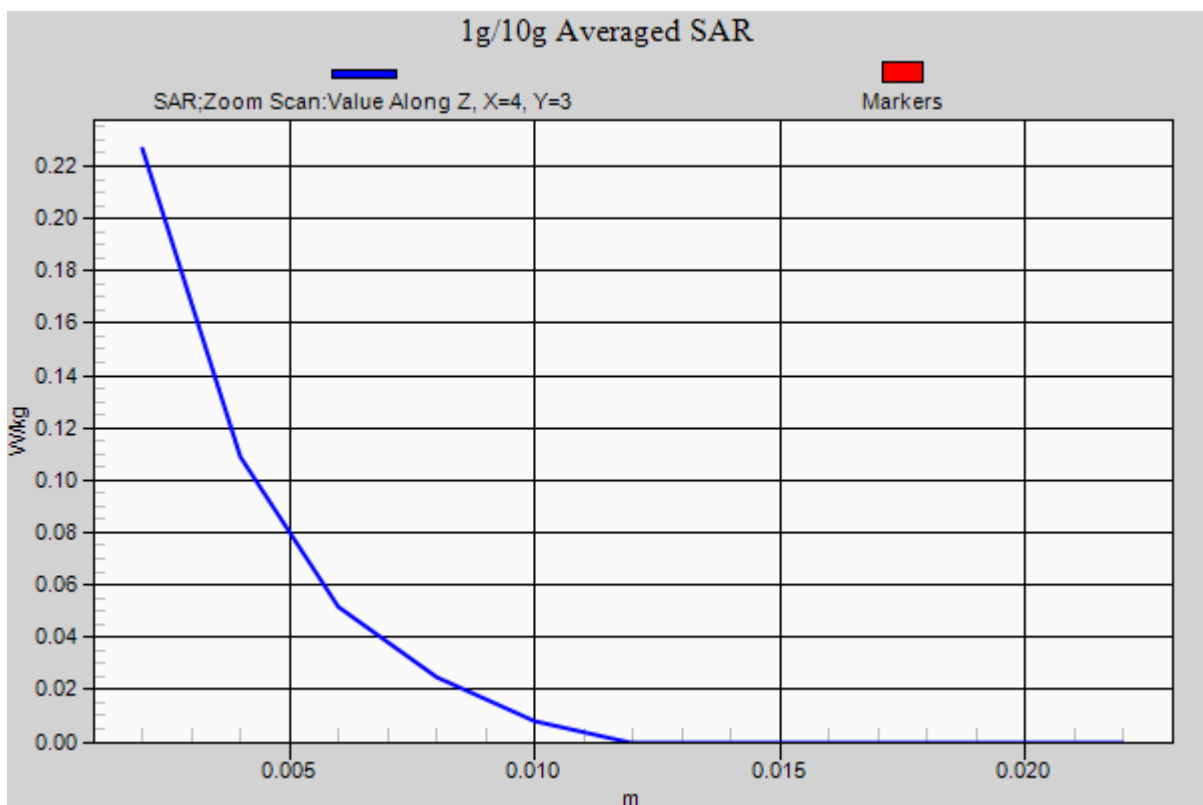
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.14, 5.14, 5.14); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

**Area Scan (151x201x1):** Interpolated 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) = 0.412 W/kg  
**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.027 W/kg**



## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.857$  S/m;  $\epsilon_r = 36.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

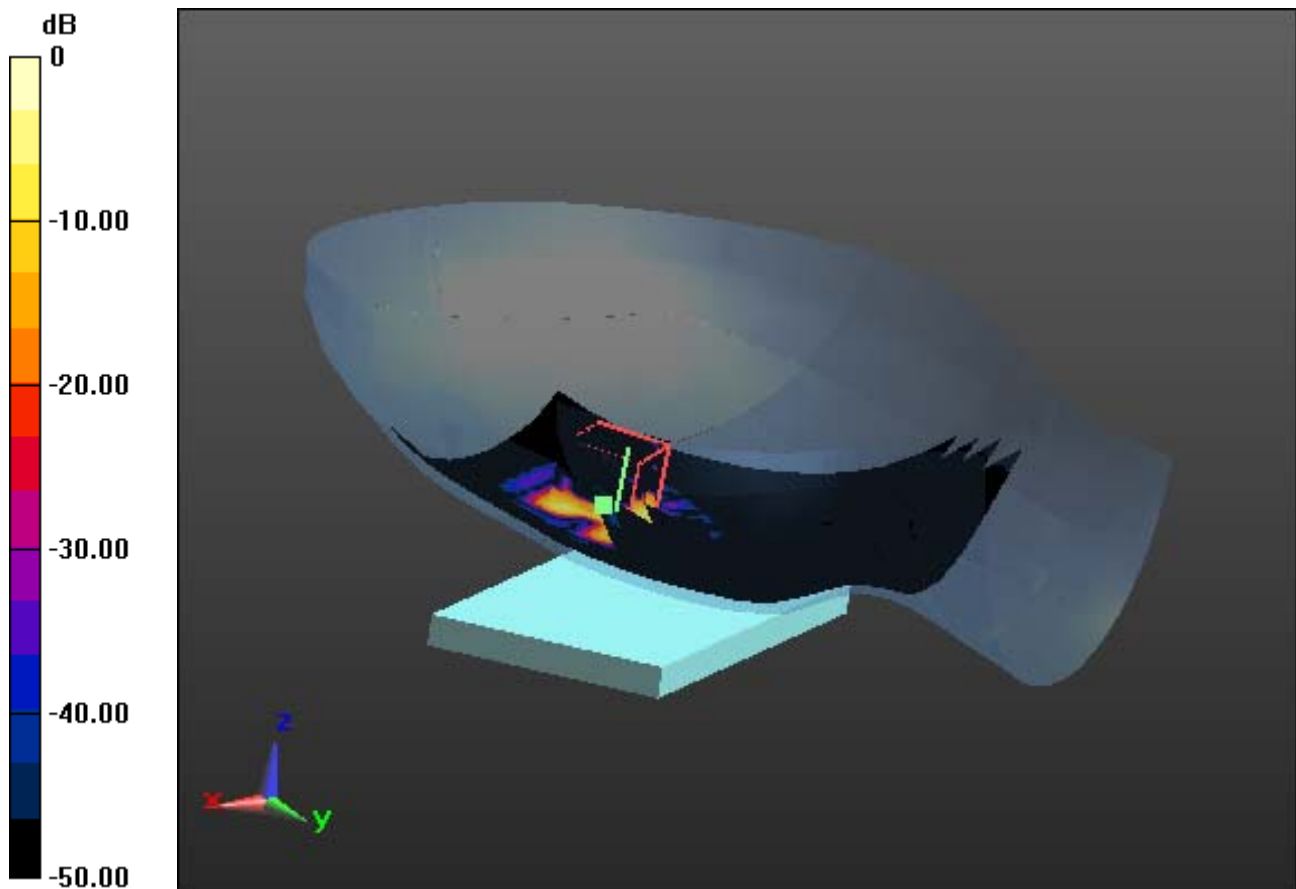
**Right Touch, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal, Standard Battery**

**Area Scan (151x201x1):** Interpolated 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) = 0.530 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.279 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.857$  S/m;  $\epsilon_r = 36.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

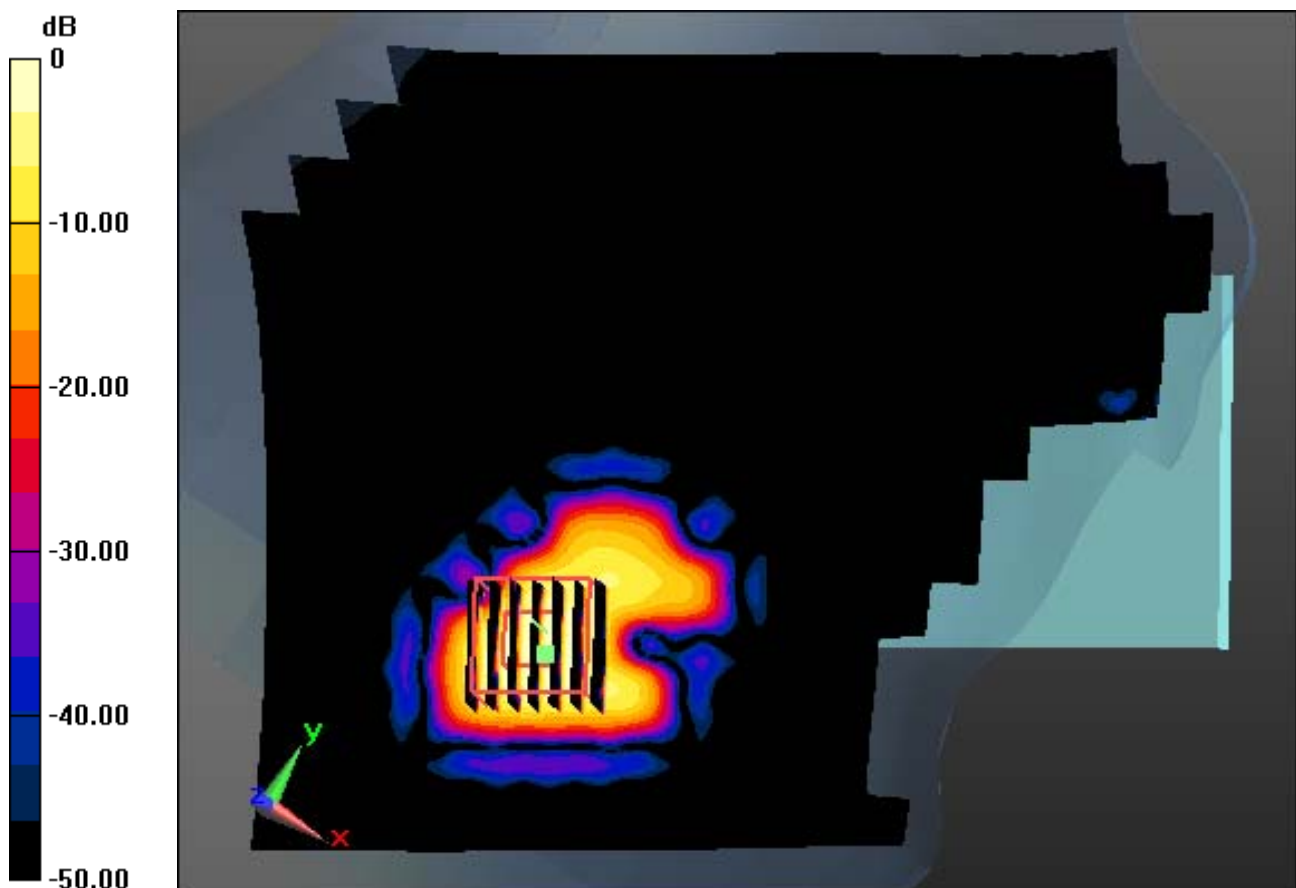
Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

**With Enlarge plot image**

**Area Scan (151x201x1):** Interpolated 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) = 0.530 W/kg  
SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.279 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.857$  S/m;  $\epsilon_r = 36.048$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

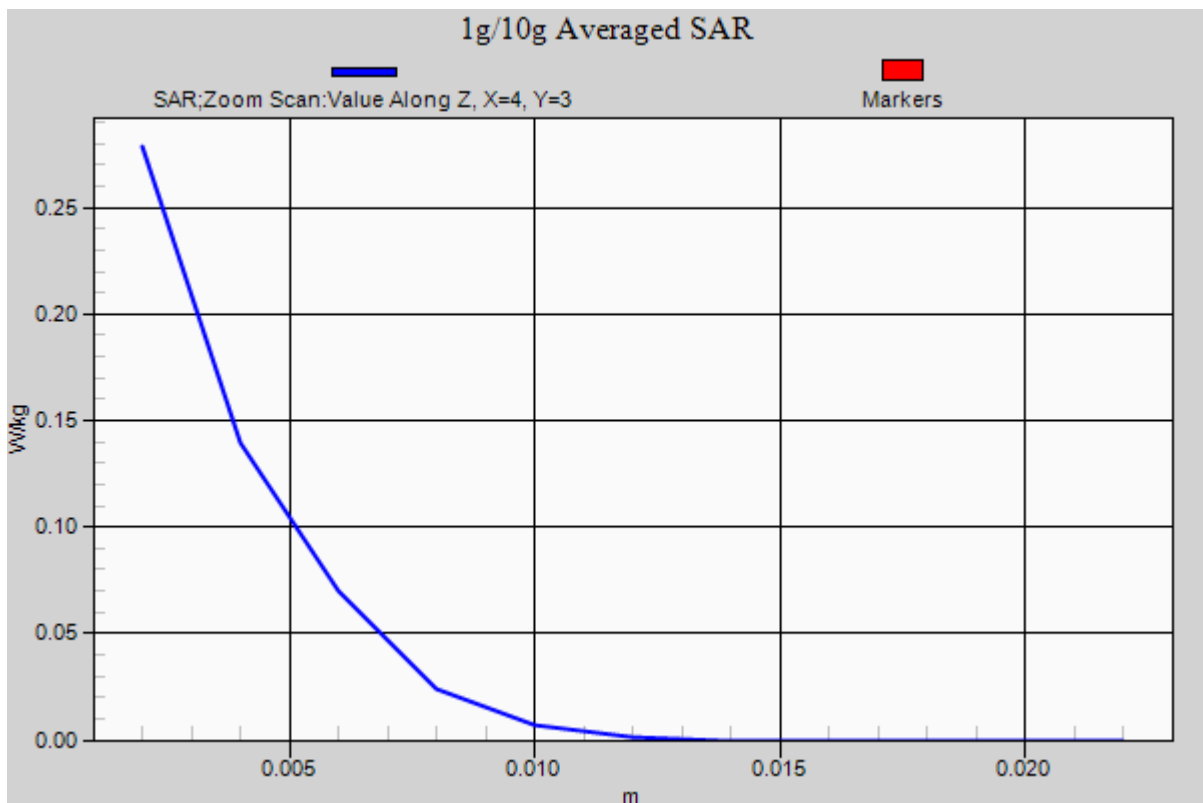
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.81, 4.81, 4.81); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

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

**Area Scan (151x201x1):** Interpolated 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) = 0.530 W/kg  
**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.035 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.233$  S/m;  $\epsilon_r = 35.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

**Right Touch, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal, Standard Battery**

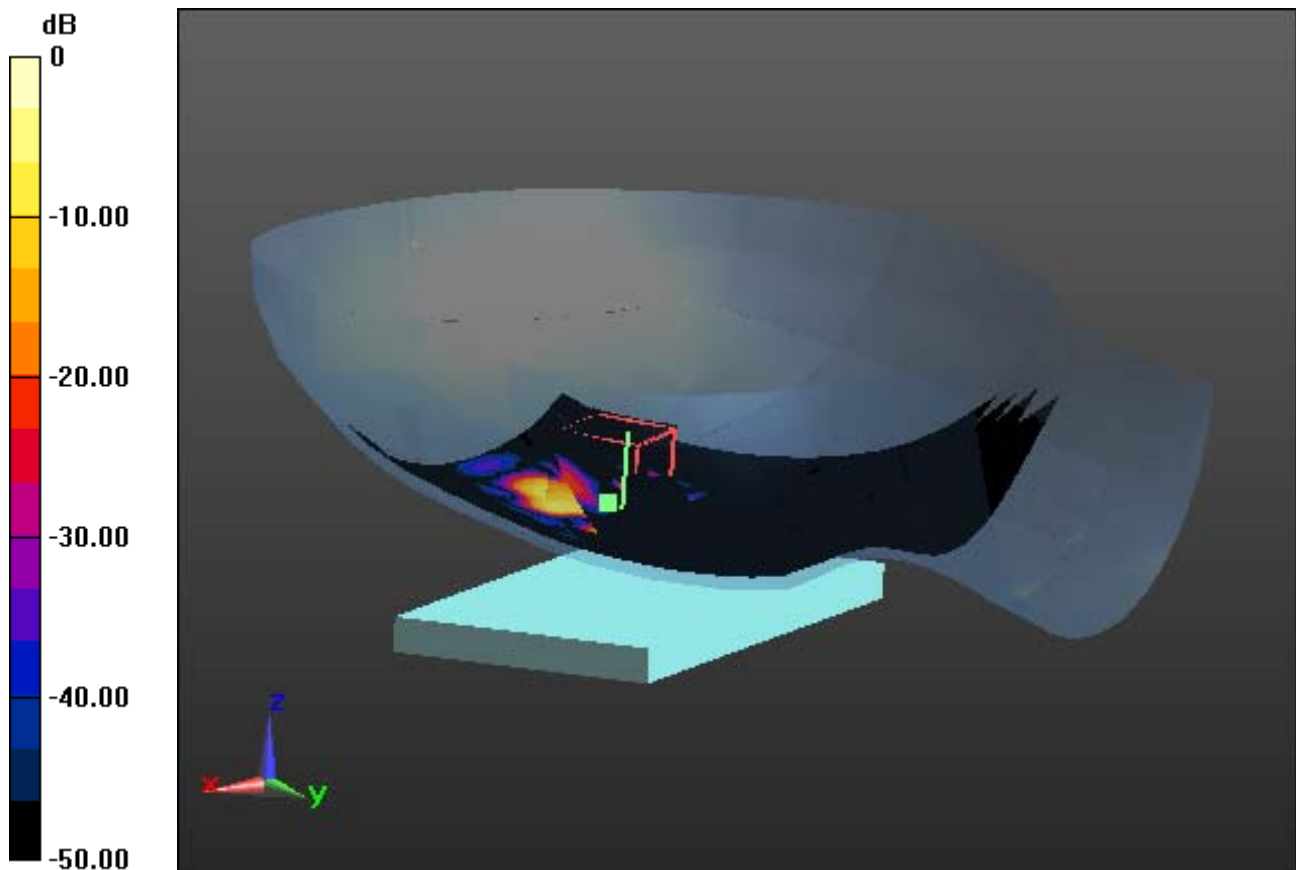
**Area Scan (151x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg**



0 dB = 0.635 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.233$  S/m;  $\epsilon_r = 35.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

### **DASY5 Configuration:**

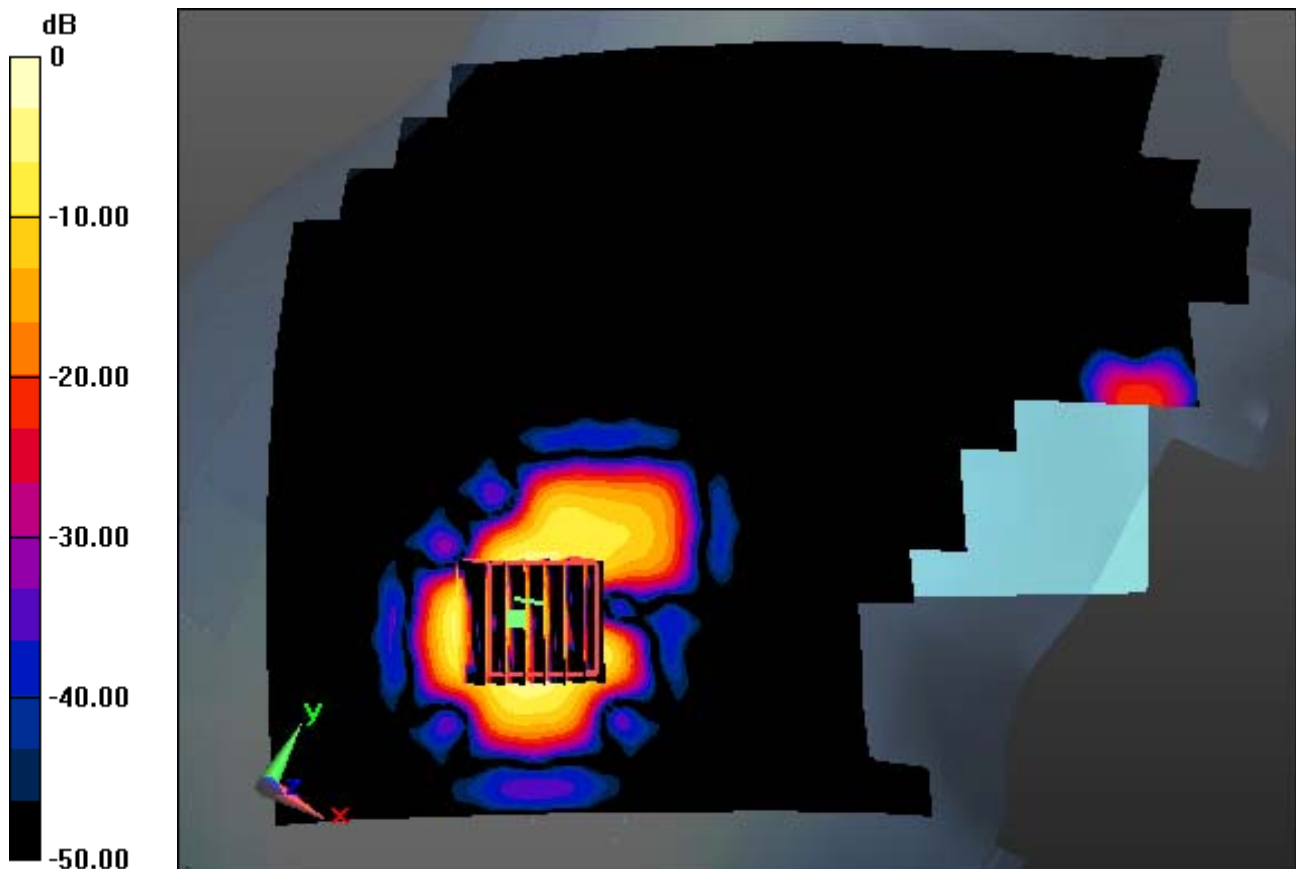
Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

**Right Touch, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal, Standard Battery**

**With Enlarge plot image**

**Area Scan (151x201x1):** Interpolated 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) = 1.33 W/kg  
**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg**



0 dB = 0.635 W/kg



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.233$  S/m;  $\epsilon_r = 35.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

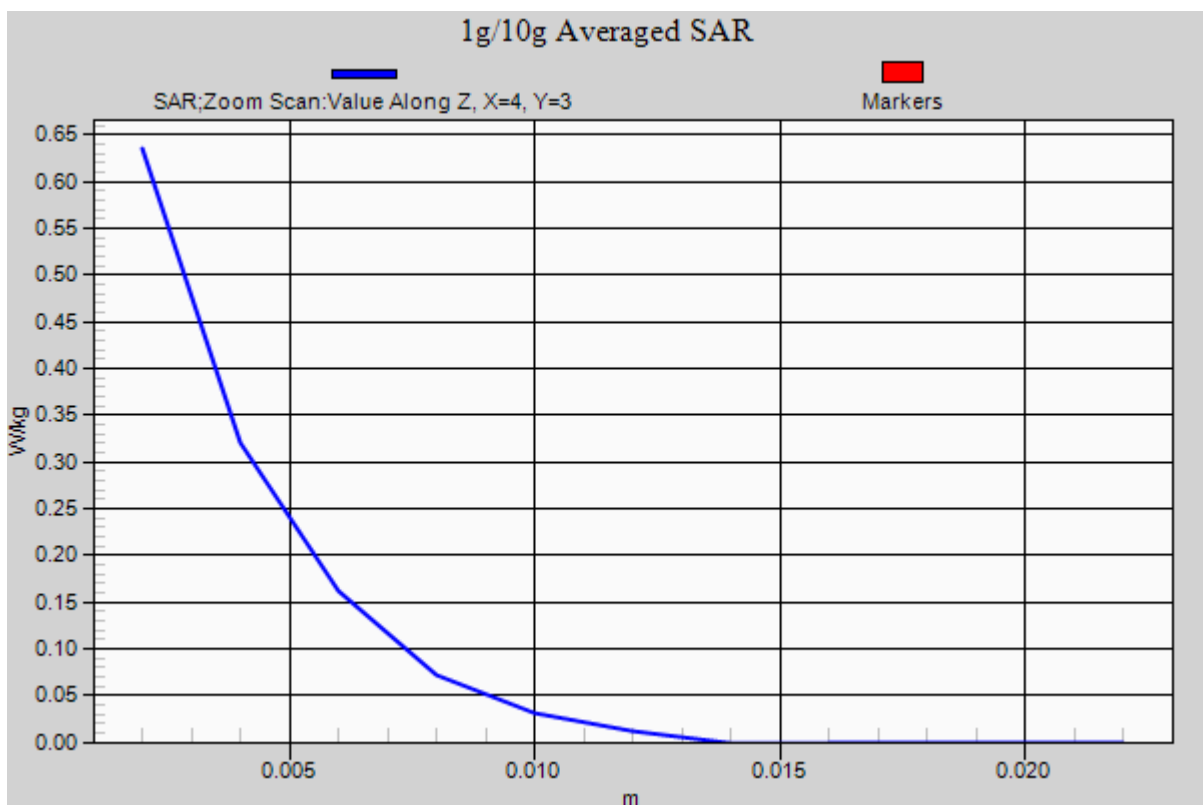
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.76, 4.76, 4.76); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-03; Ambient Temp: 20.5; Tissue Temp: 21.1

**Right Touch, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal, Standard Battery**

**Area Scan (151x201x1):** Interpolated 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) = 1.33 W/kg  
**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

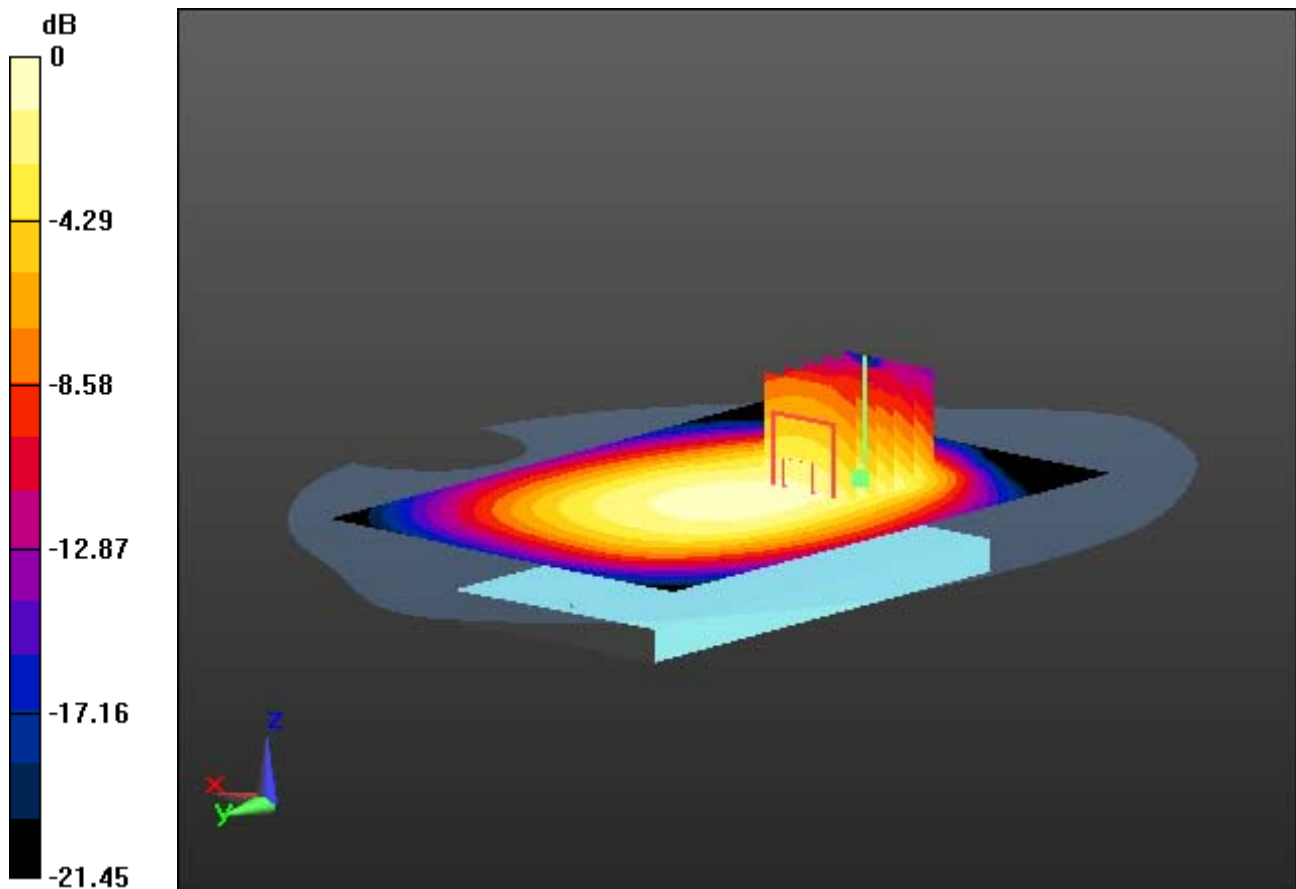
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.278 W/kg**



0 dB = 0.613 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

**With Enlarge plot image**

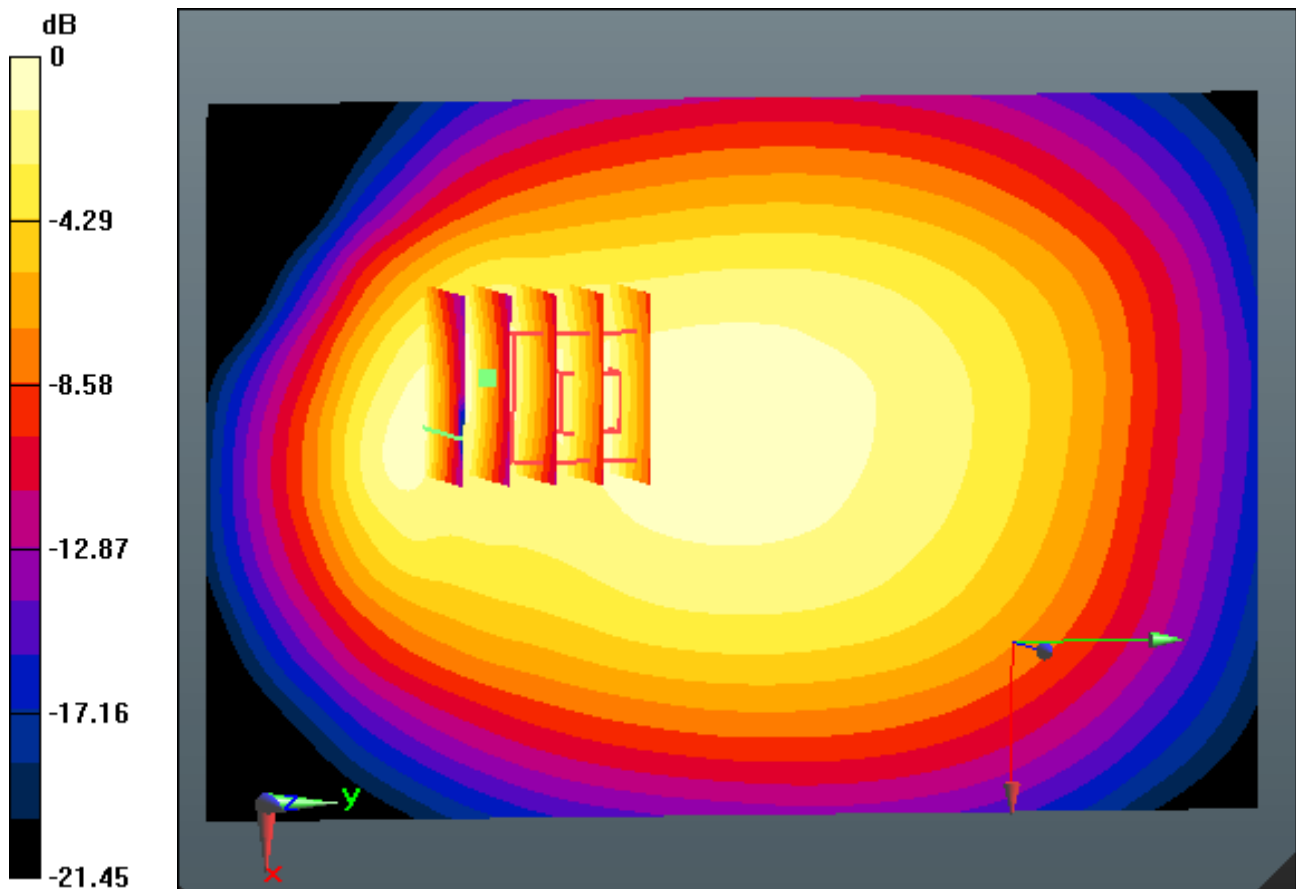
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.278 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

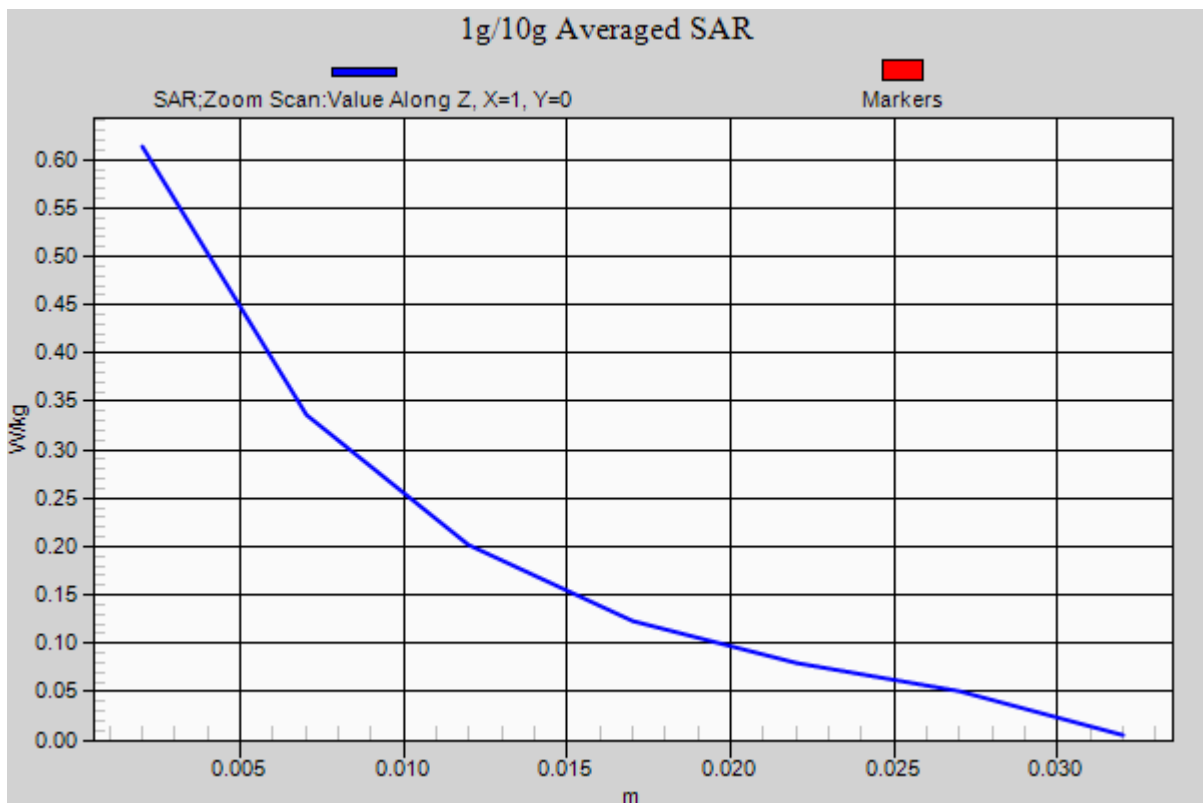
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.278 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

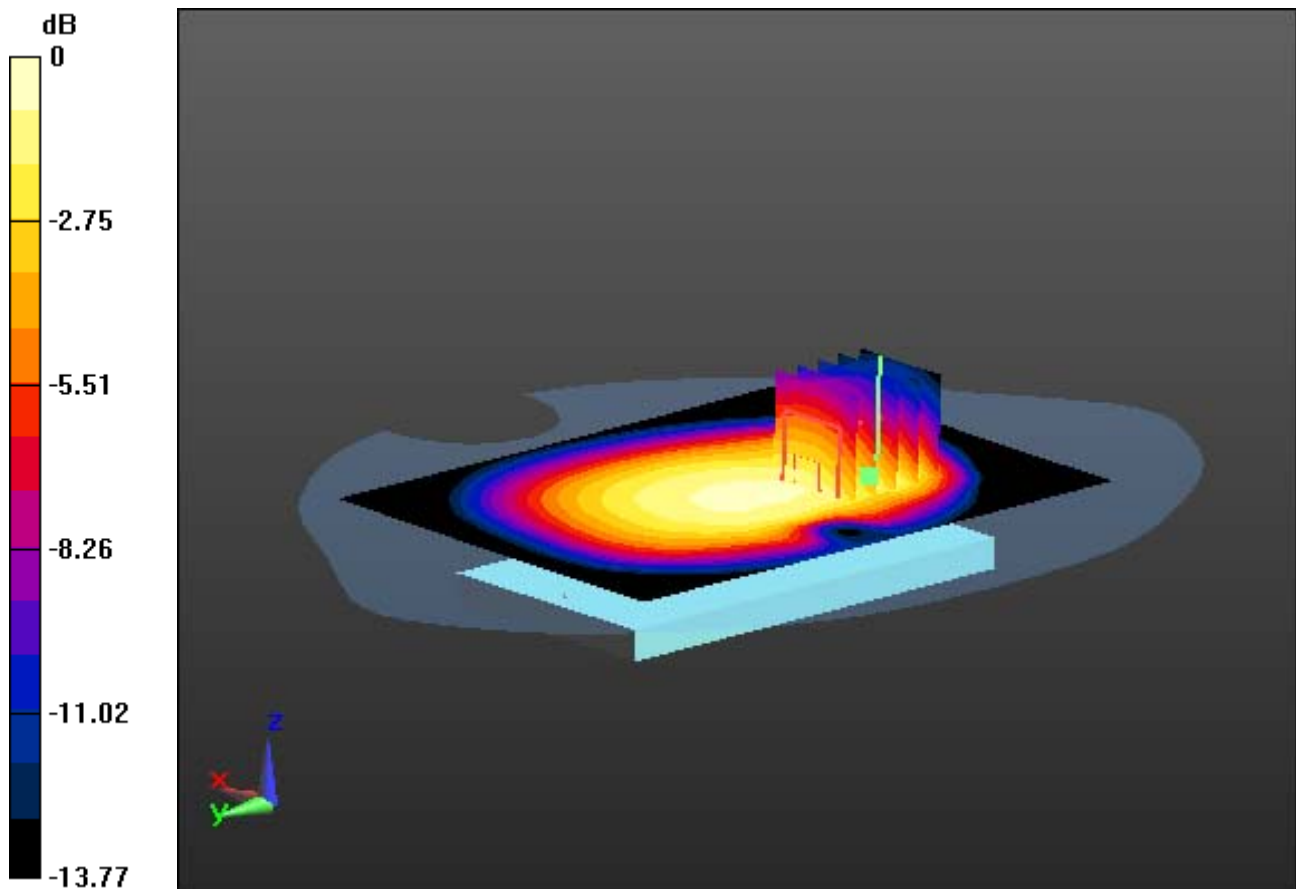
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.294 W/kg**



0 dB = 0.643 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

**With Enlarge plot image**

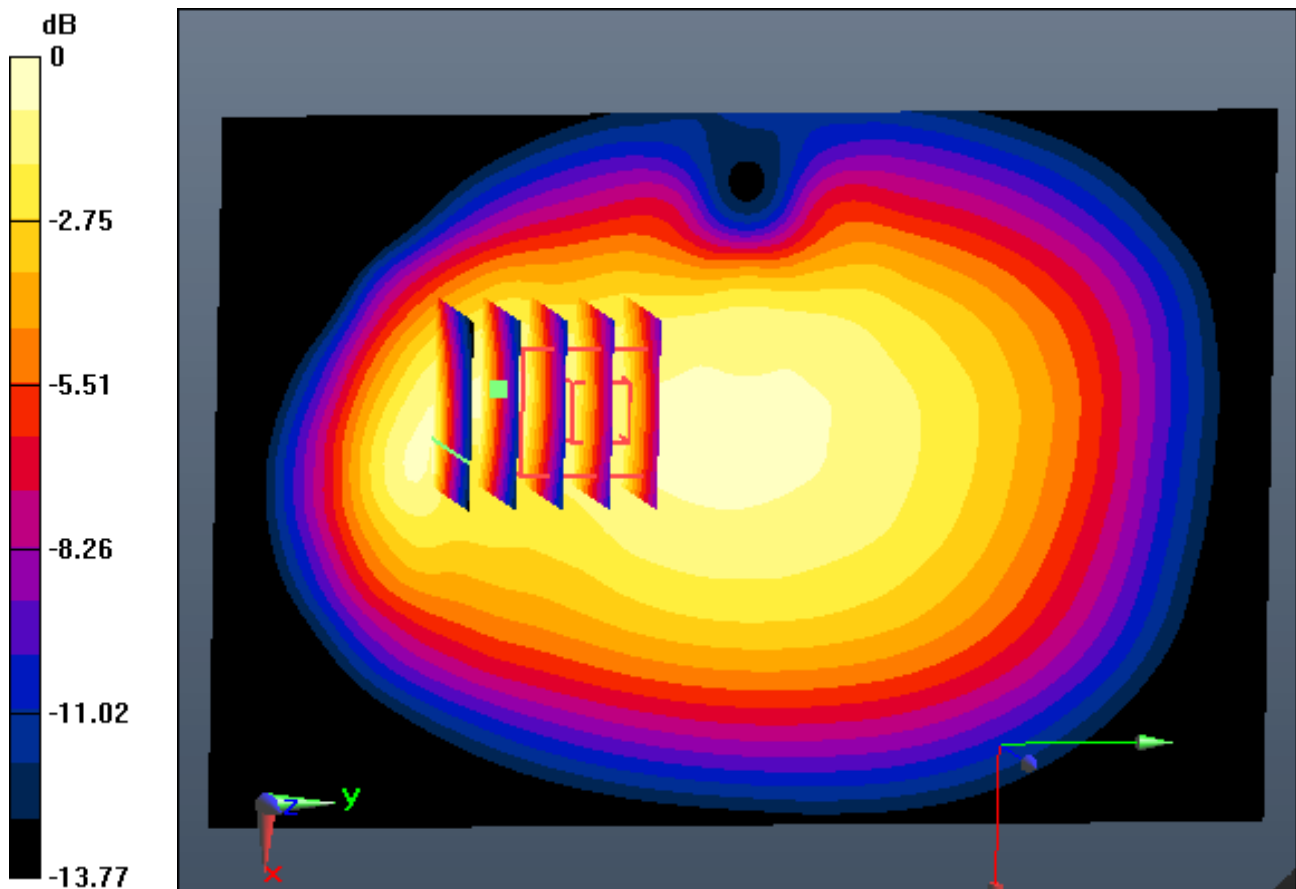
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.294 W/kg**



0 dB = 0.643 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

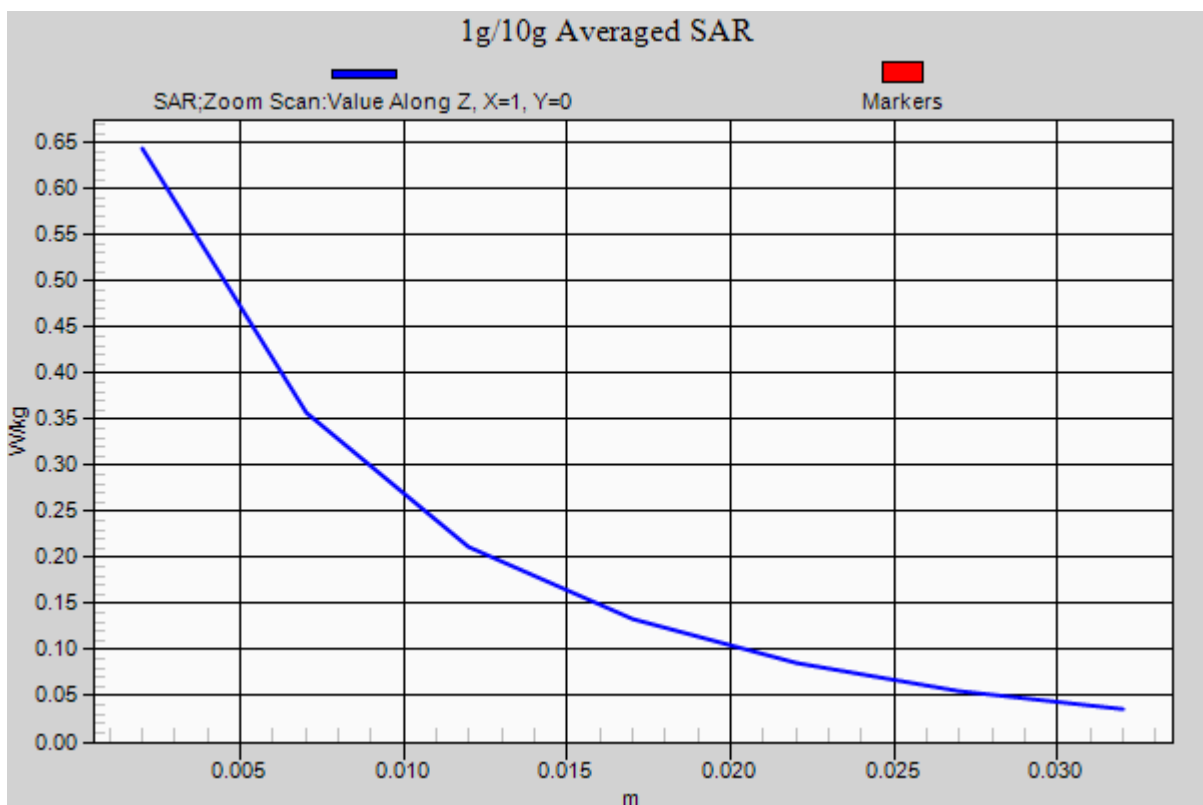
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.838 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.294 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

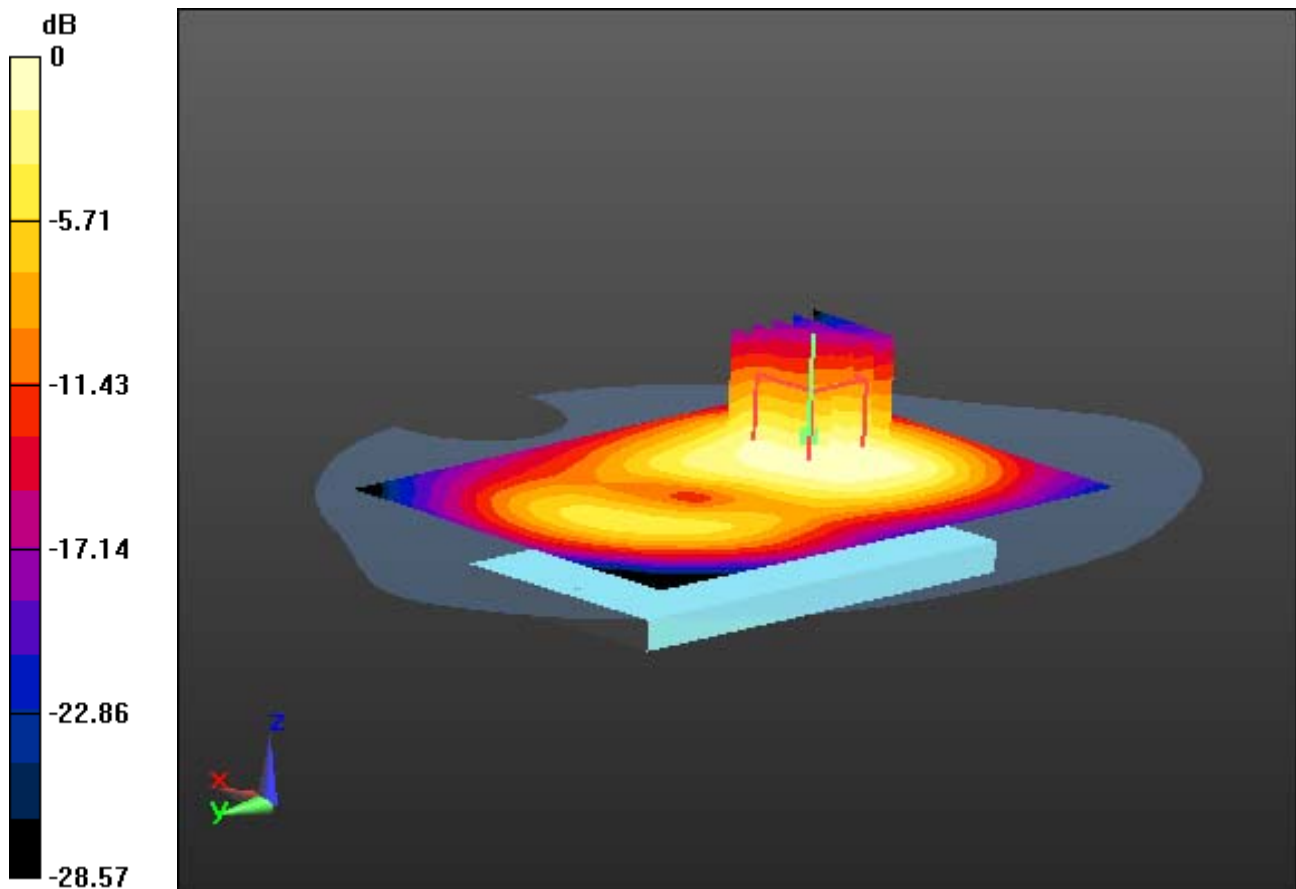
**1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal**

**Area Scan (81x121x1):** Interpolated 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) = 0.652 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg



0 dB = 0.503 W/kg



## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

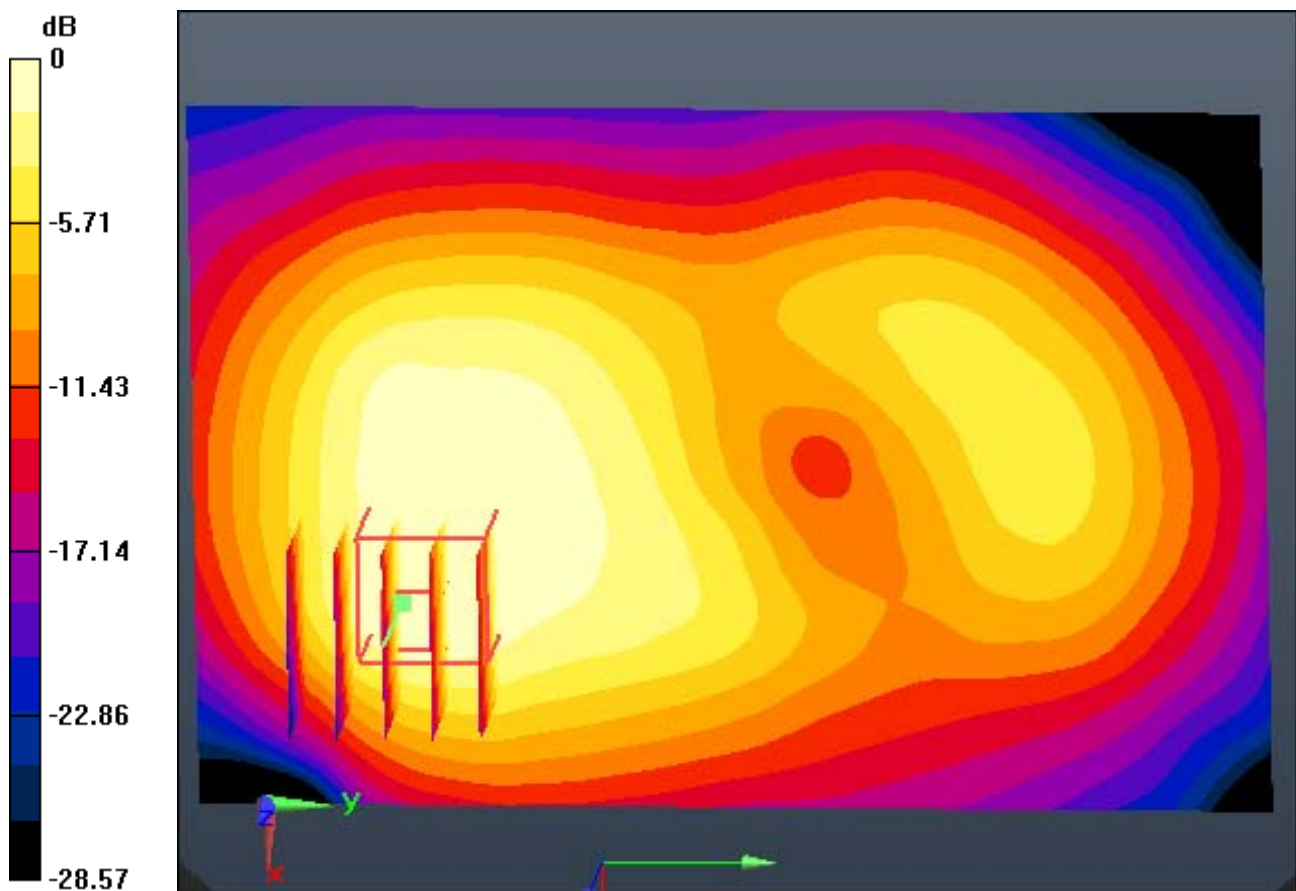
Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

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

**With Enlarge plot image**

**Area Scan (81x121x1):** Interpolated 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) = 0.652 W/kg  
**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg**



0 dB = 0.503 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

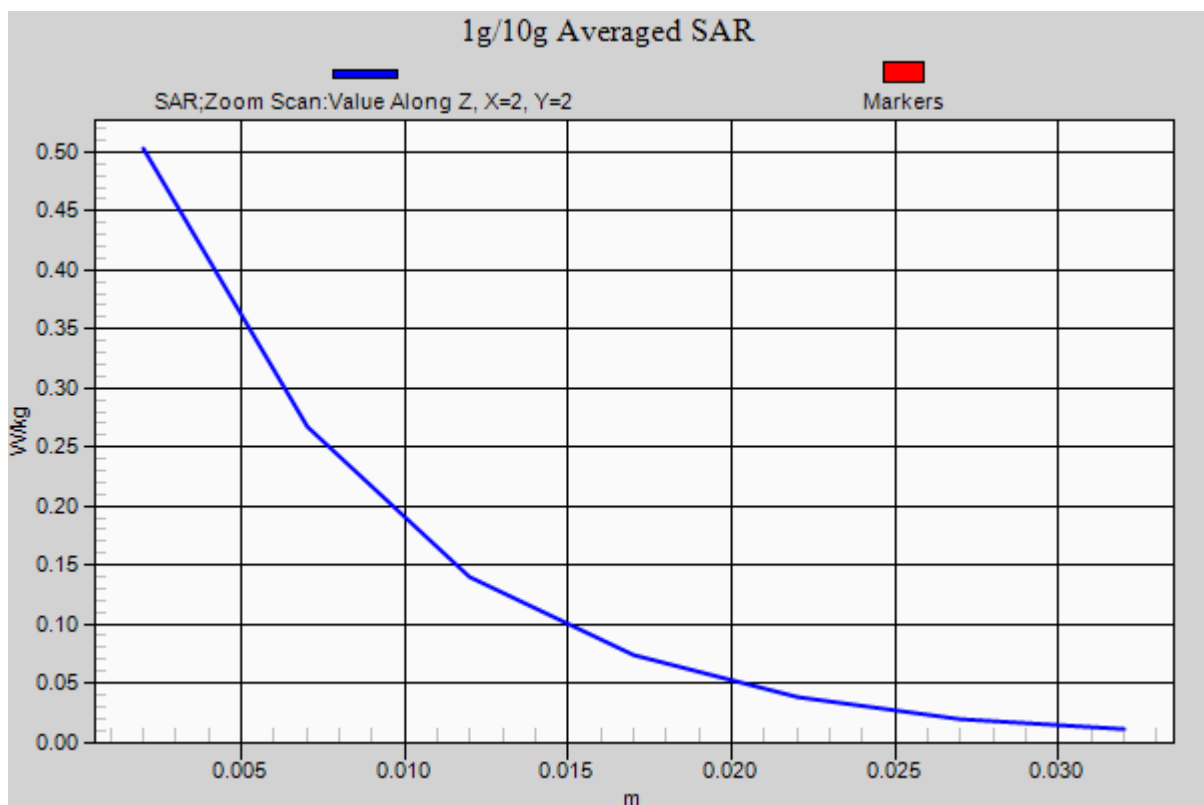
**1 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal**

**Area Scan (81x121x1):** Interpolated 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) = 0.652 W/kg

**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.197 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS1900\_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3Tx Ch. 661, Ant Internal**

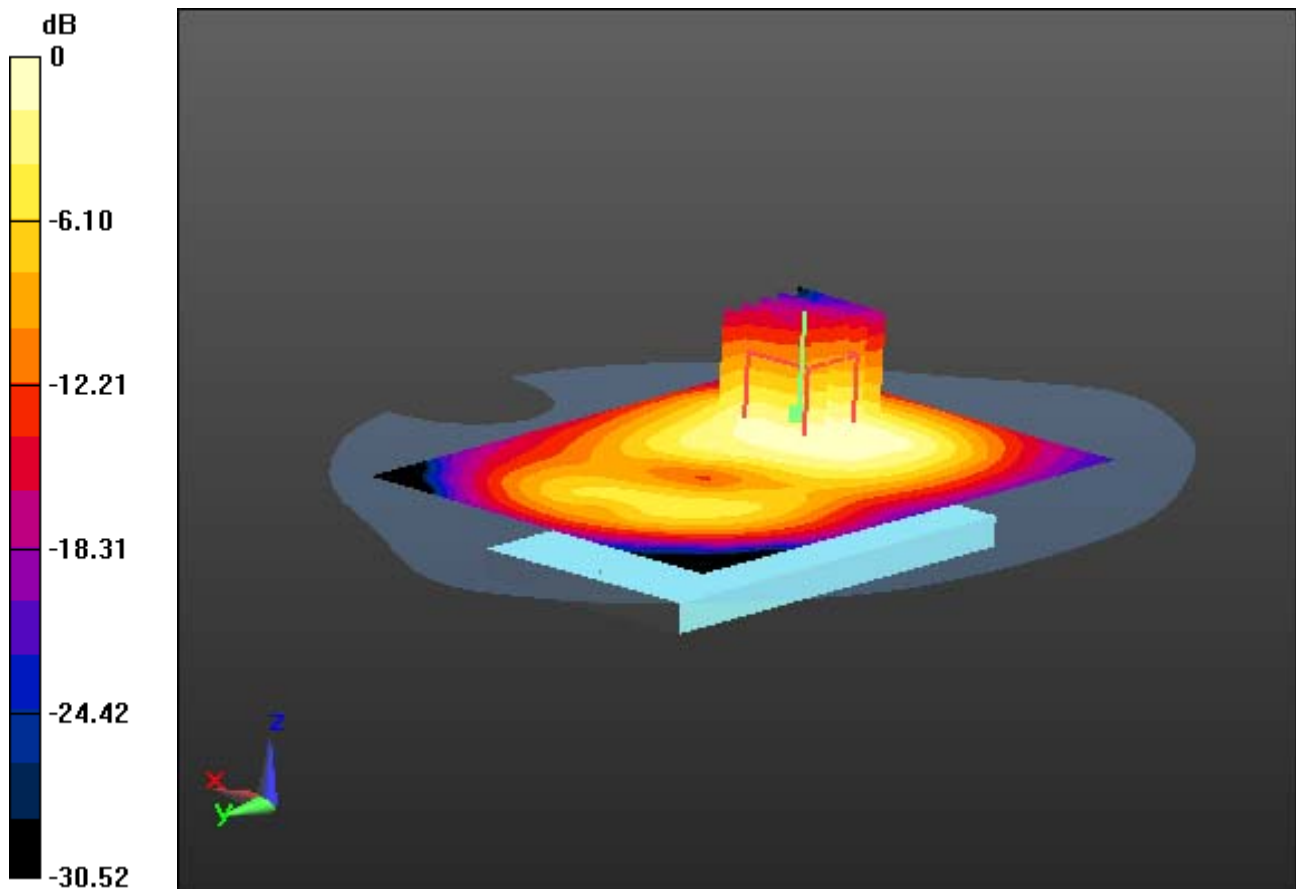
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.744 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.221 W/kg**



0 dB = 0.574 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS1900\_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

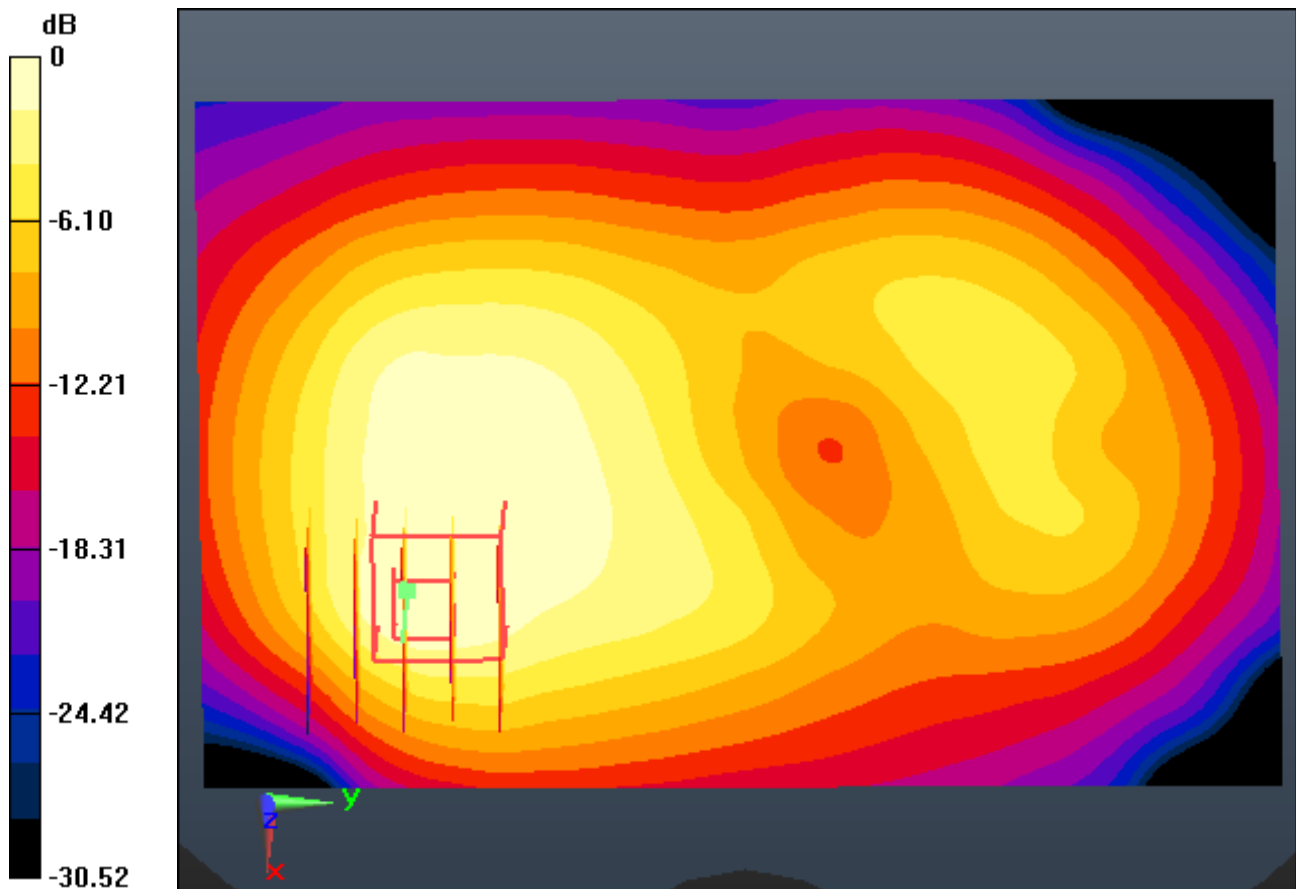
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.744 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.221 W/kg**



0 dB = 0.574 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: PCS1900\_Class 11 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.156$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394

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

Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-18; Ambient Temp: 21.5; Tissue Temp: 21.4

**1 cm space from Body, Rear, PCS1900 GPRS 3Tx Ch. 661, Ant Internal**

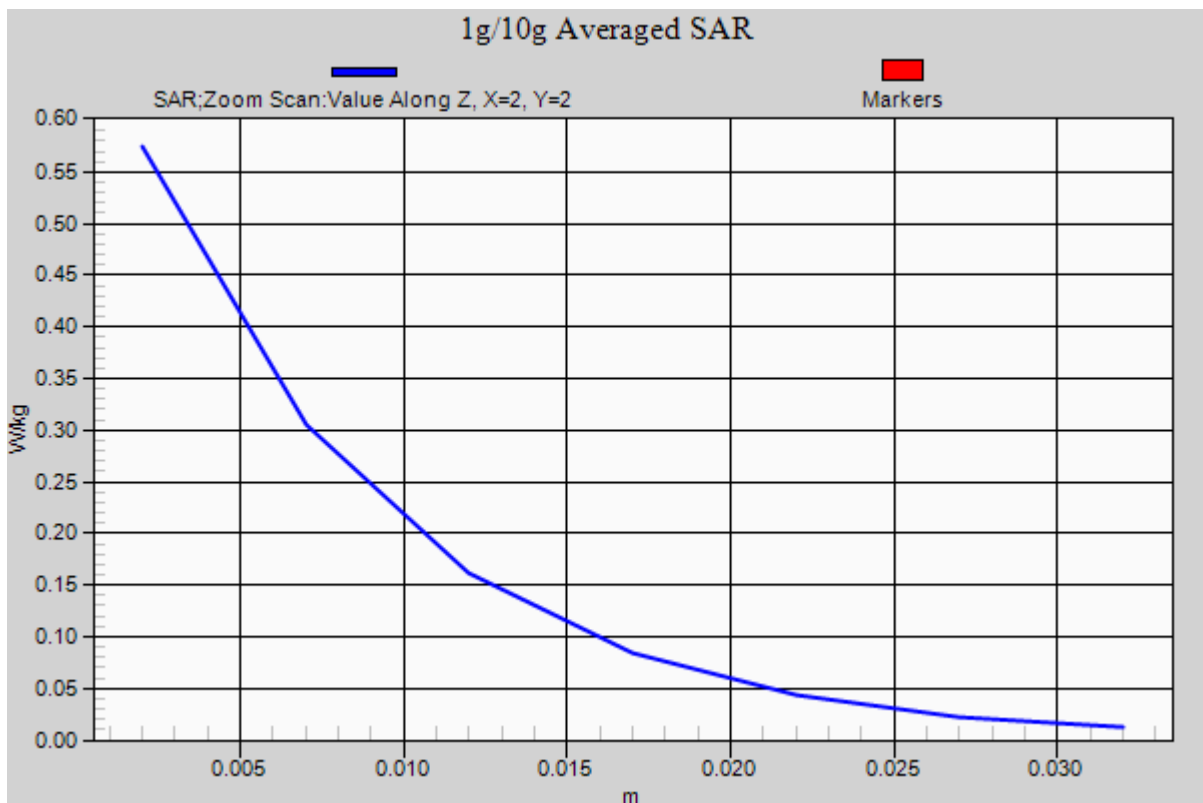
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.744 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.221 W/kg**



## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

**1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal**

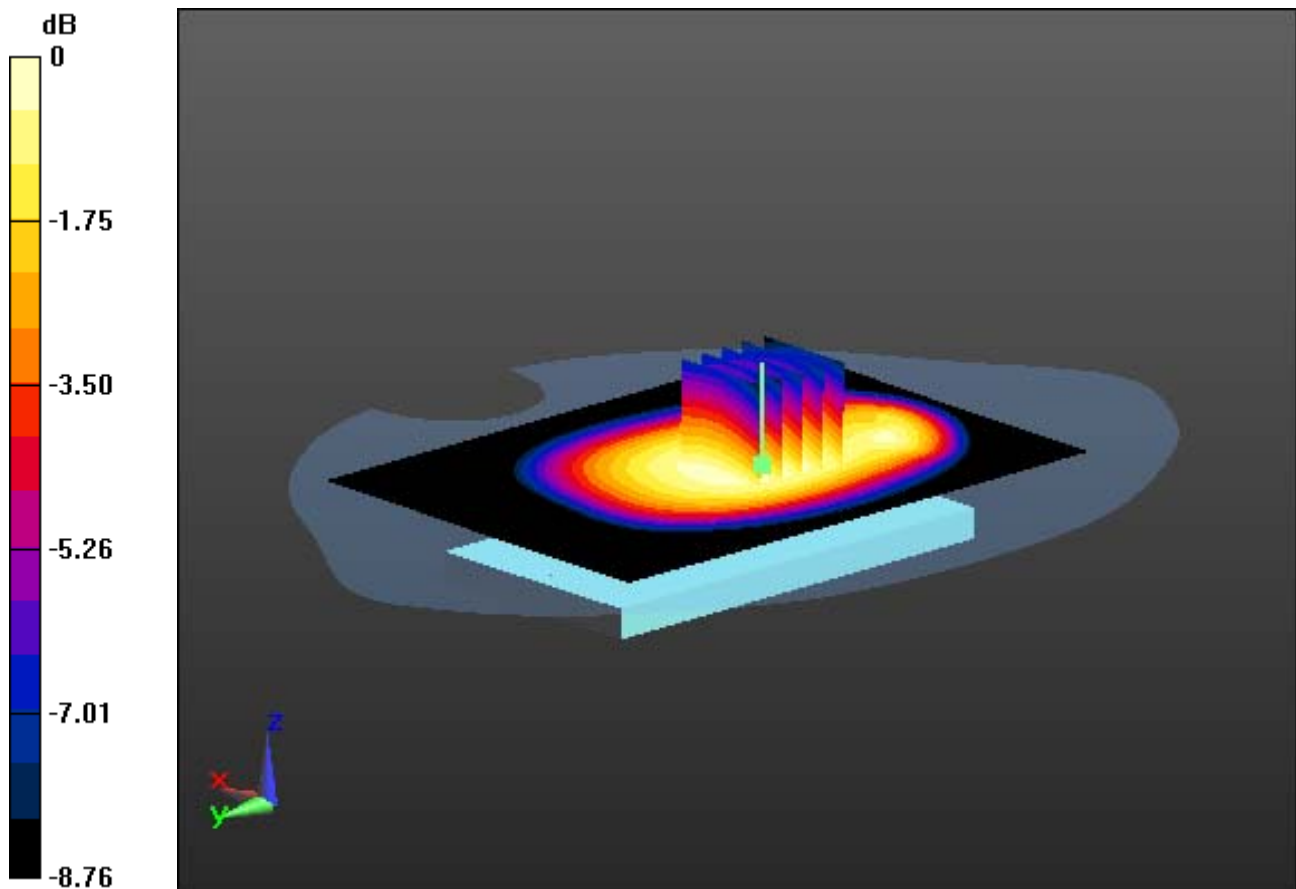
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.752 W/kg

**SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.446 W/kg**



0 dB = 0.678 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

**1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal**

**With Enlarge plot image**

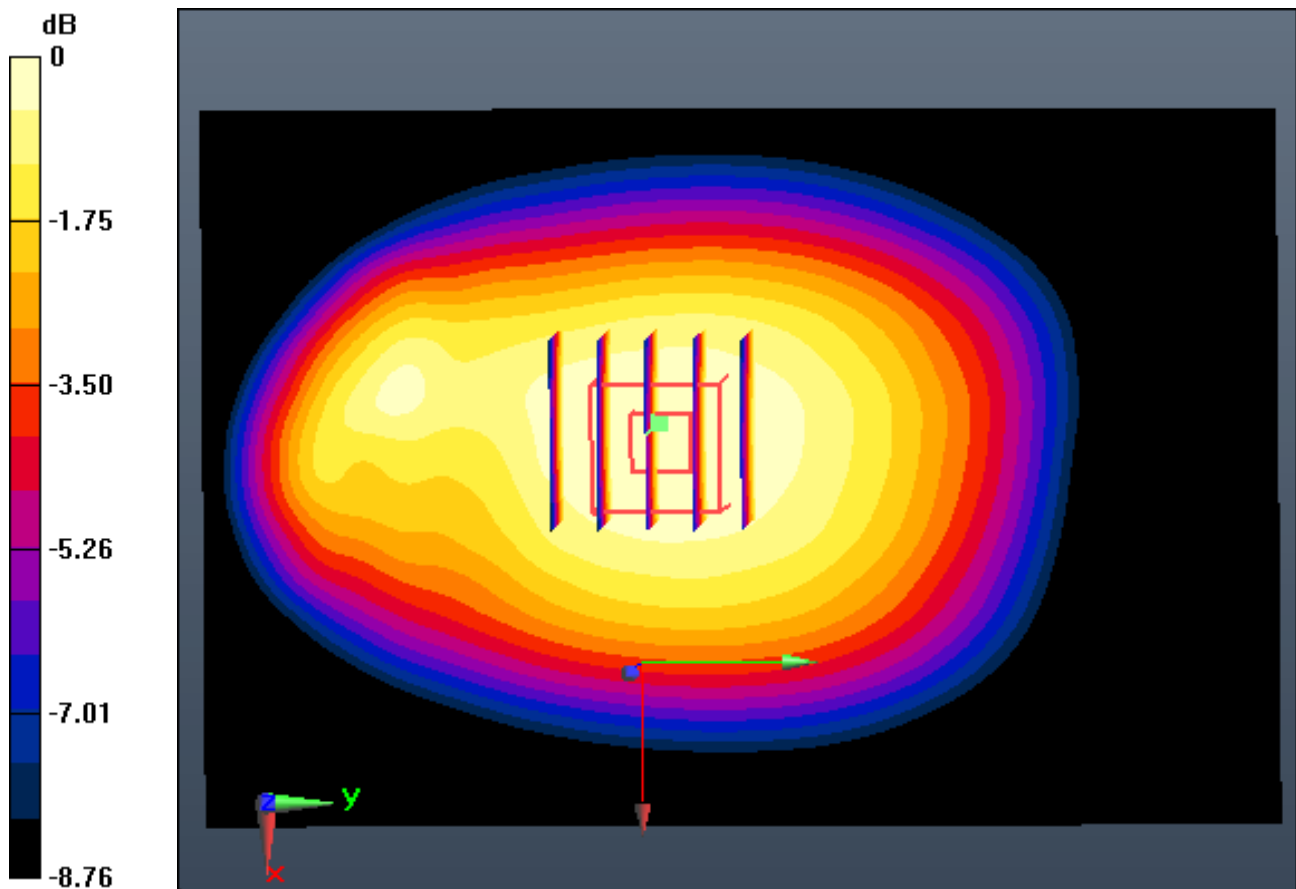
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.752 W/kg

**SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.446 W/kg**



0 dB = 0.678 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.989$  S/m;  $\epsilon_r = 54.825$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-19; Ambient Temp: 20.7; Tissue Temp: 21.5

**1 cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal**

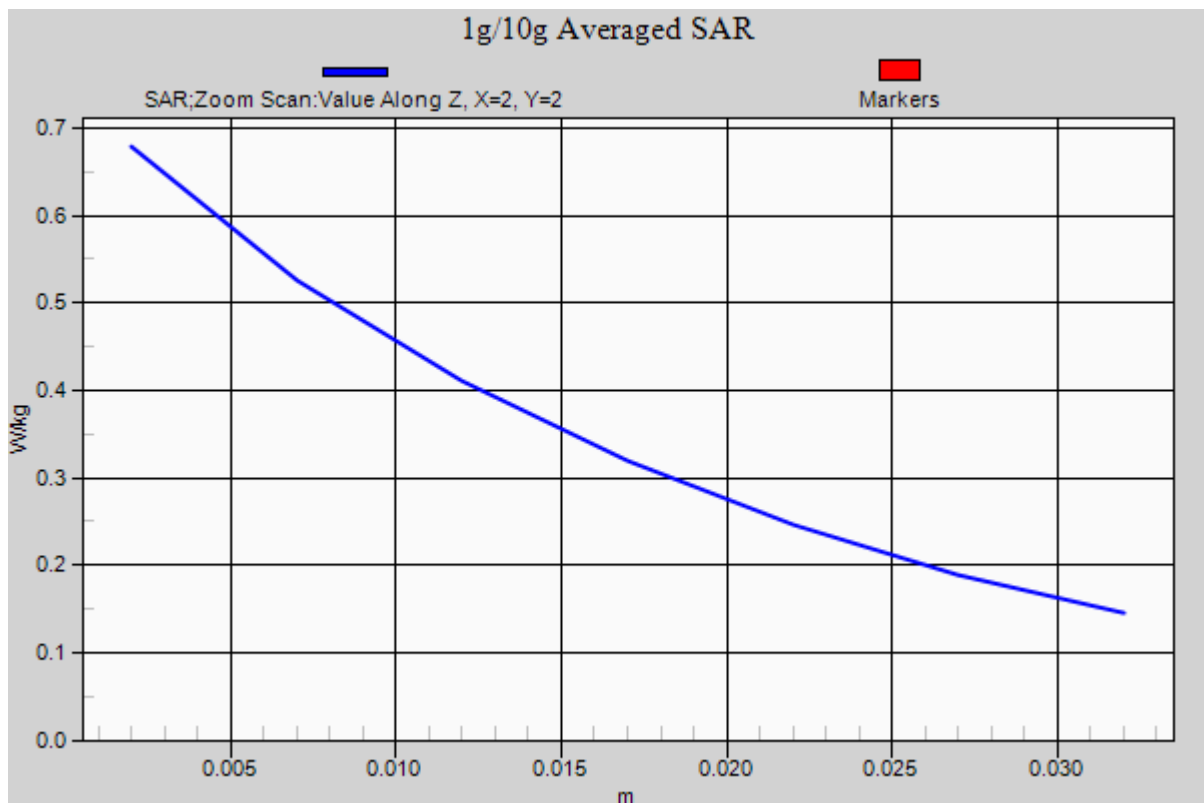
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.752 W/kg

**SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.446 W/kg**





# DT&C CO., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.022$  S/m;  $\epsilon_r = 52.397$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal**

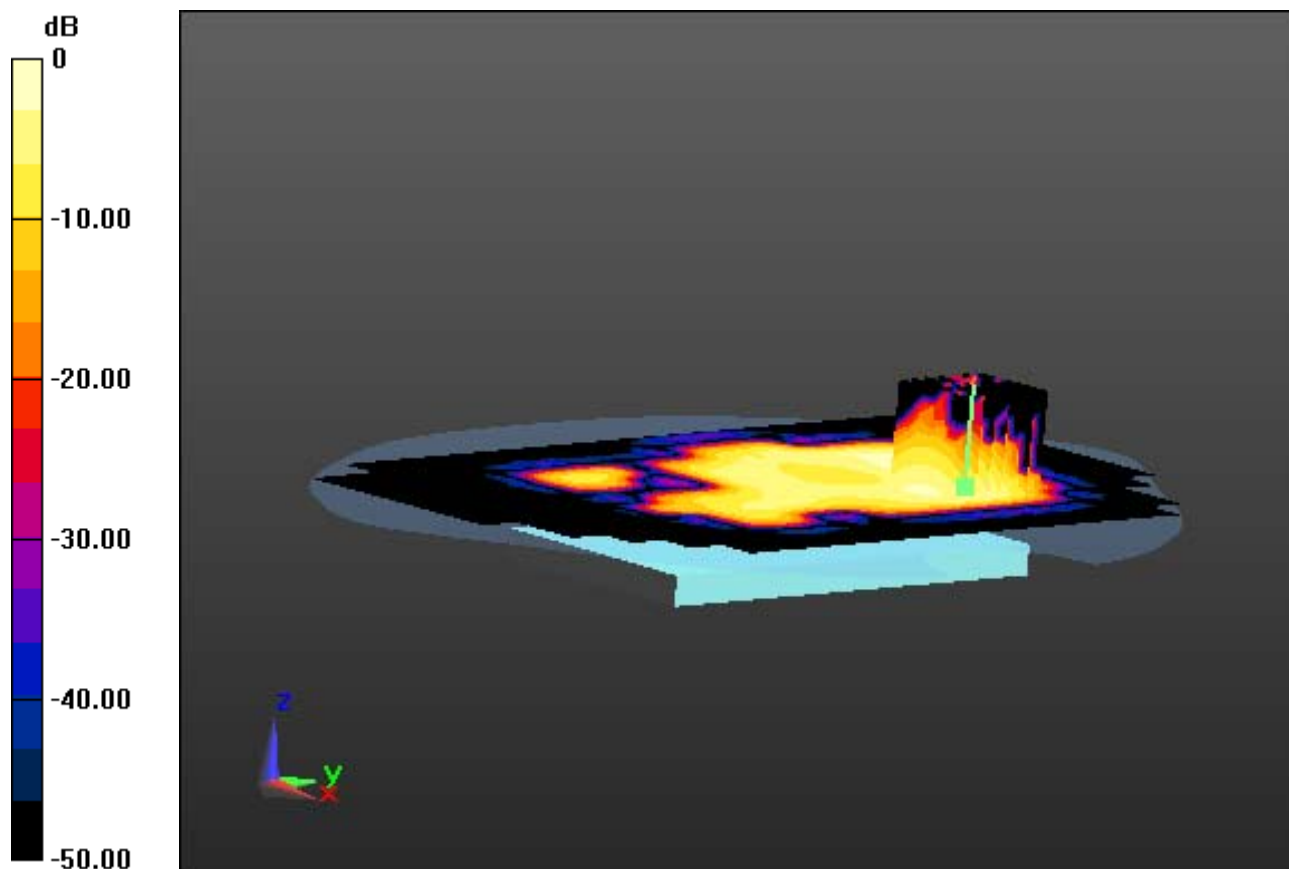
**Area Scan (121x211x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg**



0 dB = 0.0606 W/kg

## DT&C CO., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.022$  S/m;  $\epsilon_r = 52.397$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal**

**With Enlarge plot image**

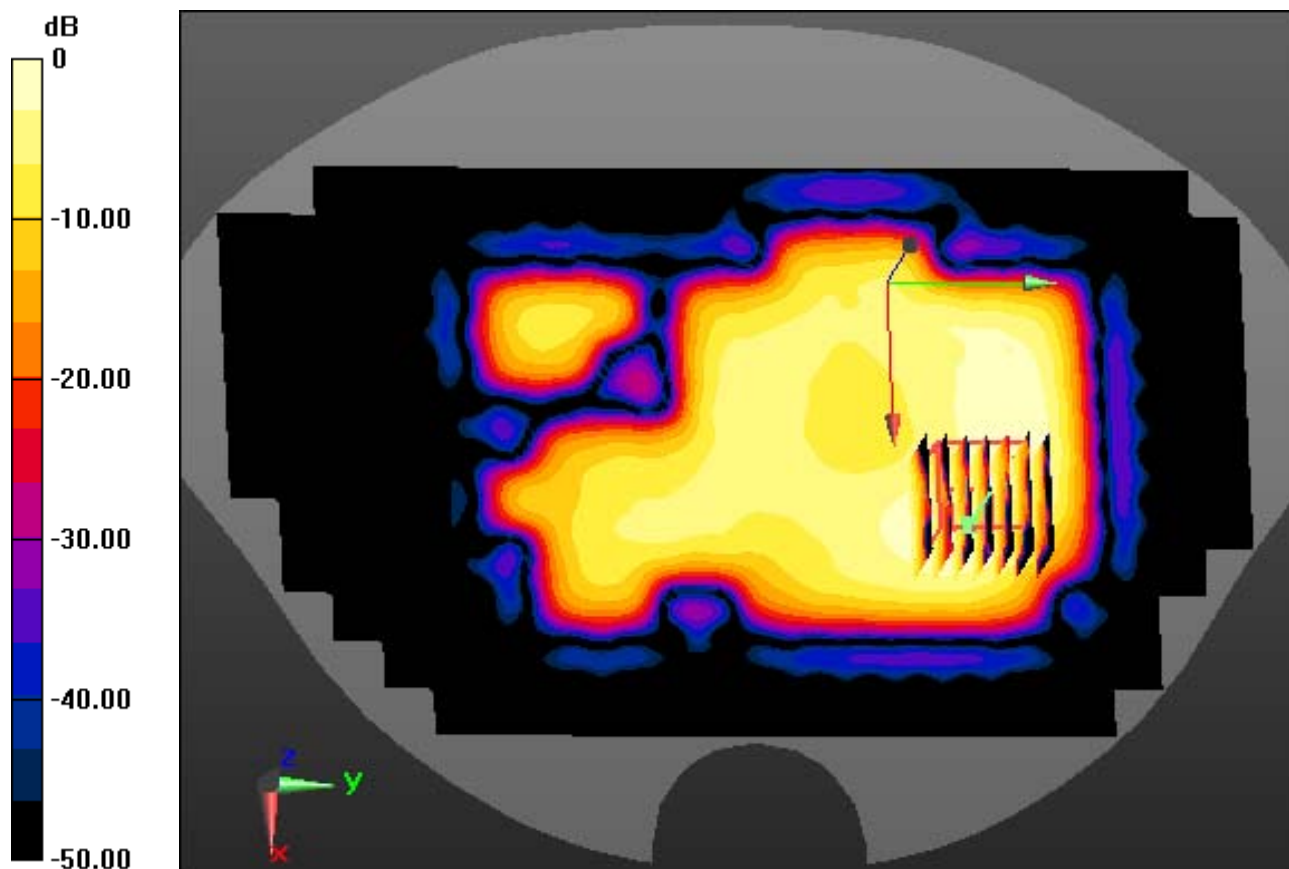
**Area Scan (121x211x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg**



0 dB = 0.0606 W/kg

# DT&C CO., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.022$  S/m;  $\epsilon_r = 52.397$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

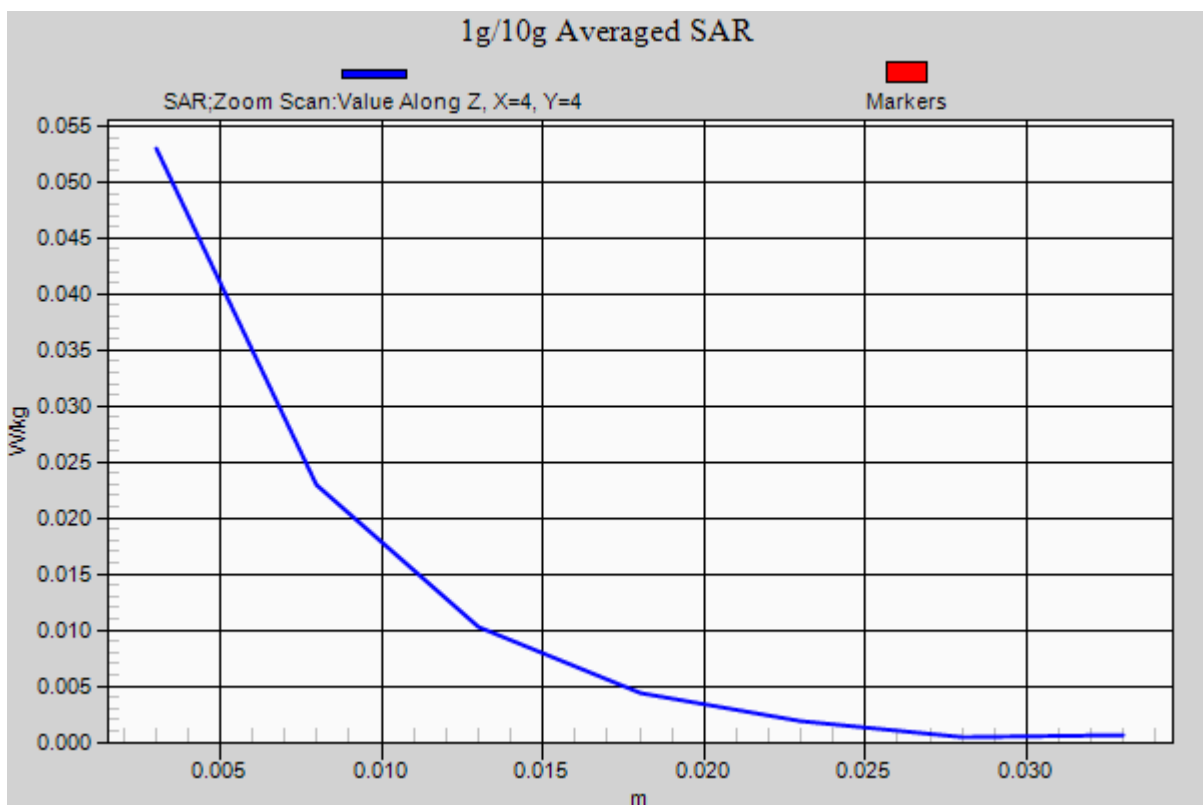
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.12, 7.12, 7.12); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-20; Ambient Temp: 20.8; Tissue Temp: 21.2

**1 cm space from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal**

**Area Scan (121x211x1):** Interpolated grid: dx=12mm, dy=12mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 0.103 W/kg  
**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.817$  S/m;  $\epsilon_r = 47.979$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

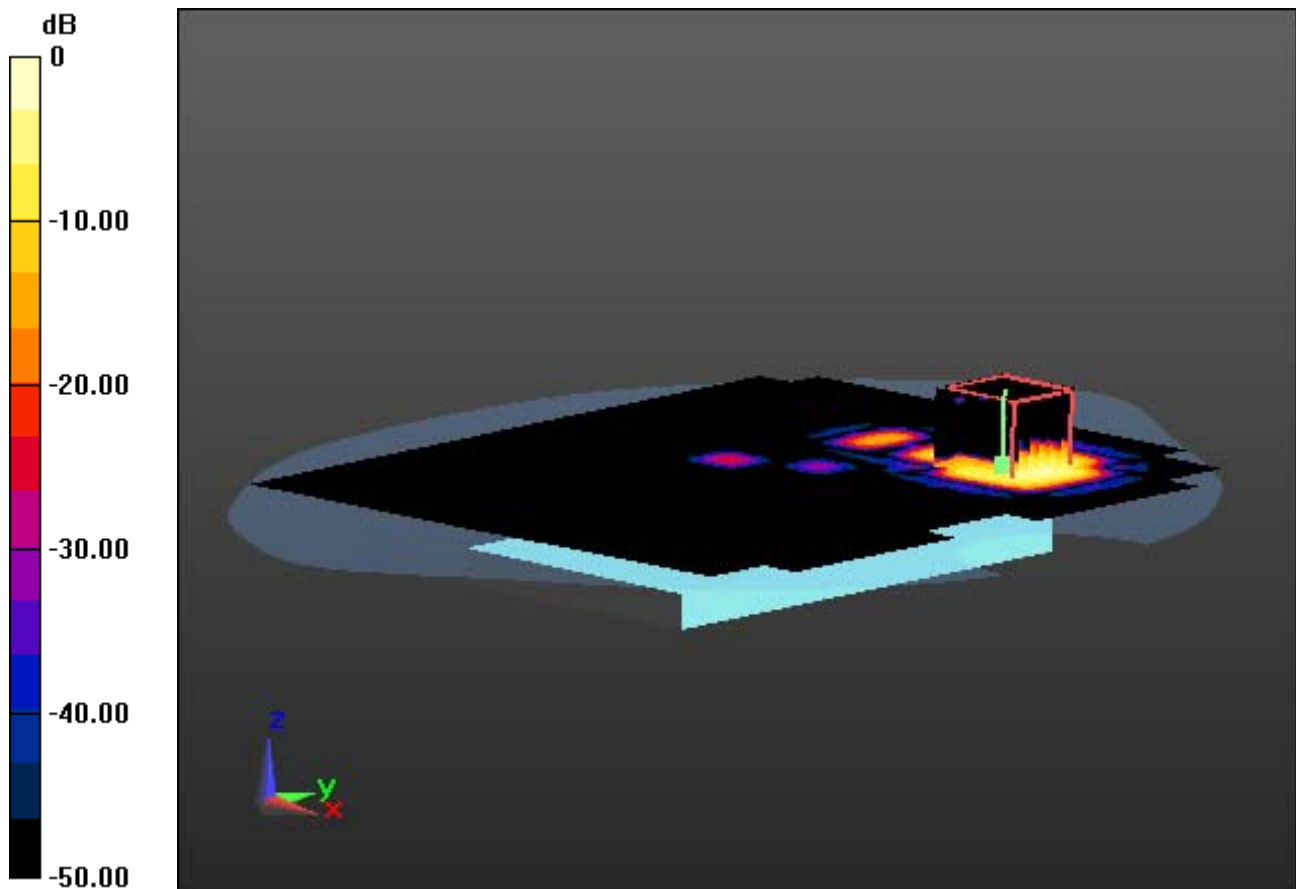
**1 cm space from Body, Rear, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal**

**Area Scan (161x201x1):** Interpolated 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) = 0.615 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg



0 dB = 0.316 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.817$  S/m;  $\epsilon_r = 47.979$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal**

**With Enlarge plot image**

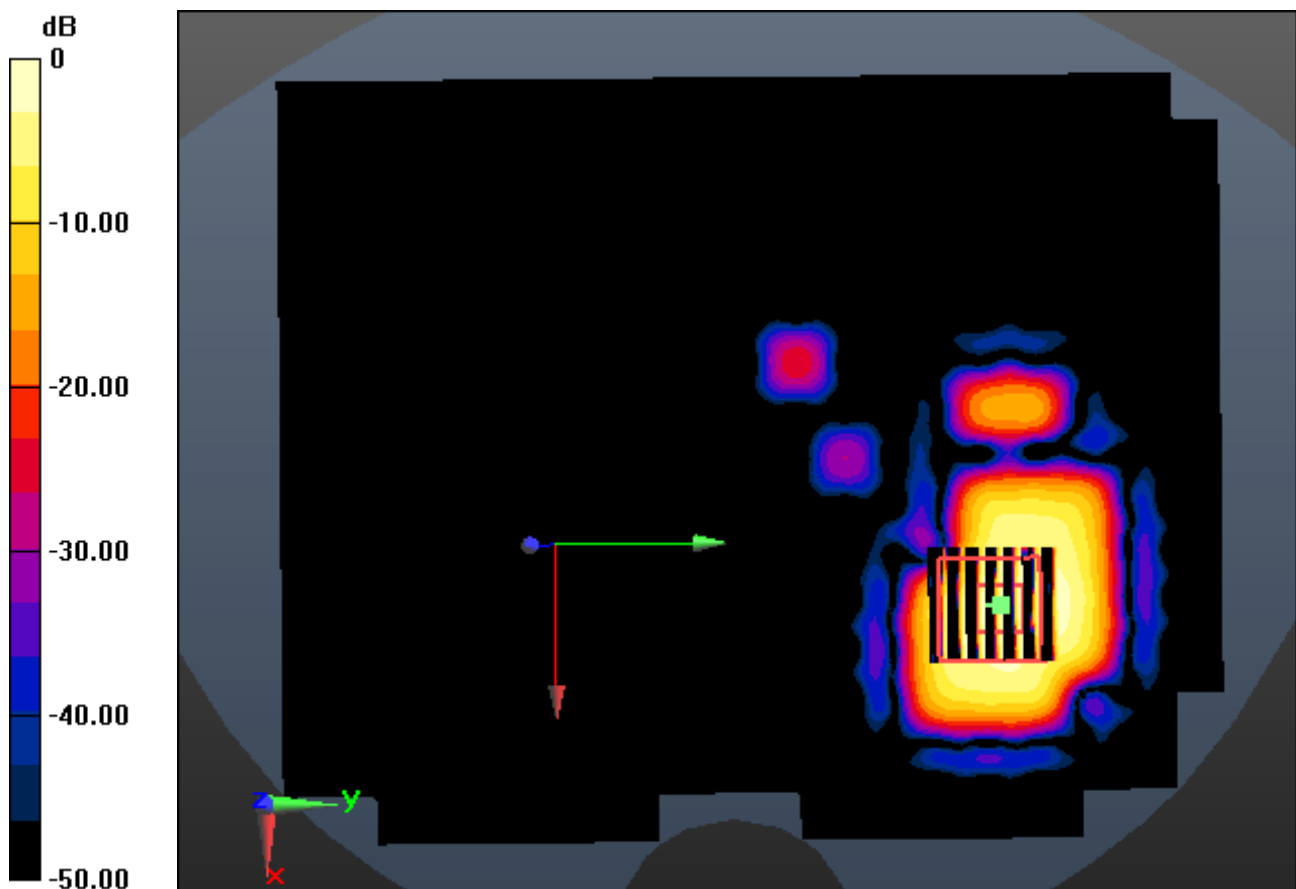
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg



0 dB = 0.316 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.817$  S/m;  $\epsilon_r = 47.979$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

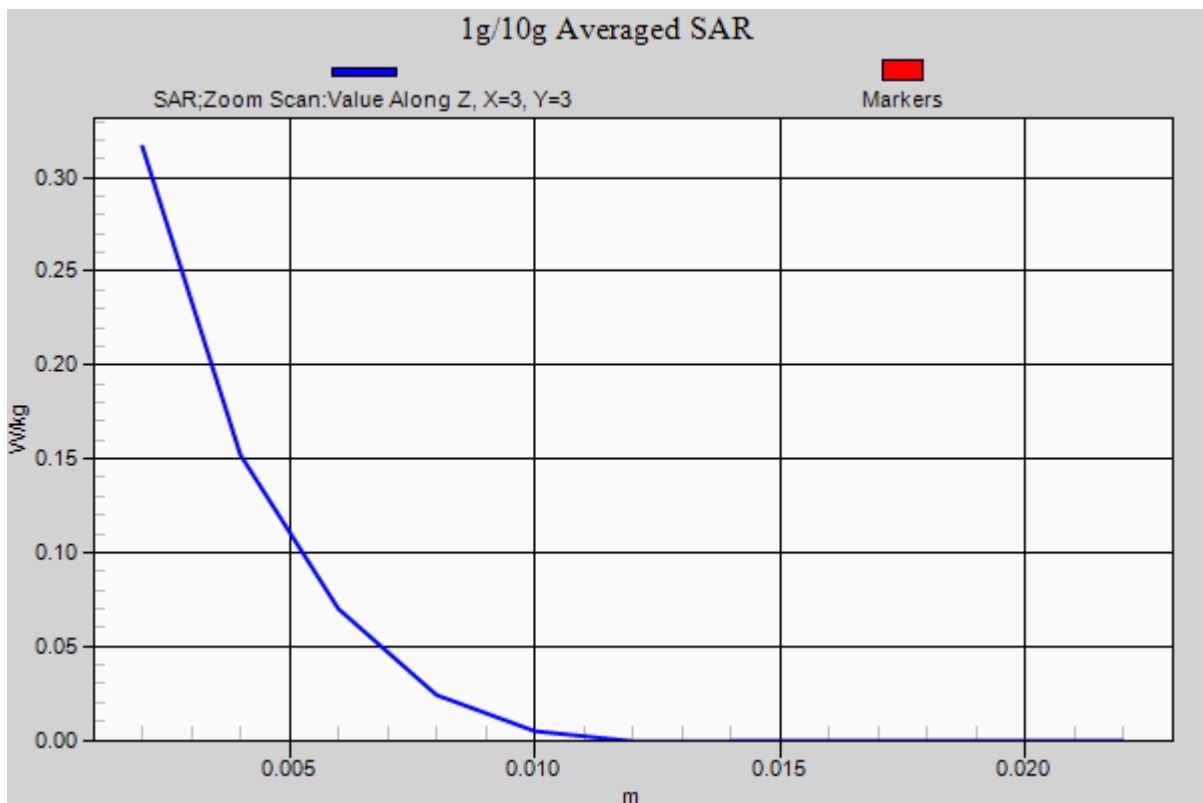
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.21, 4.21, 4.21); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.8G) Ch. 149, Ant Internal**

**Area Scan (161x201x1):** Interpolated 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) = 0.615 W/kg  
**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.044 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.076$  S/m;  $\epsilon_r = 48.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

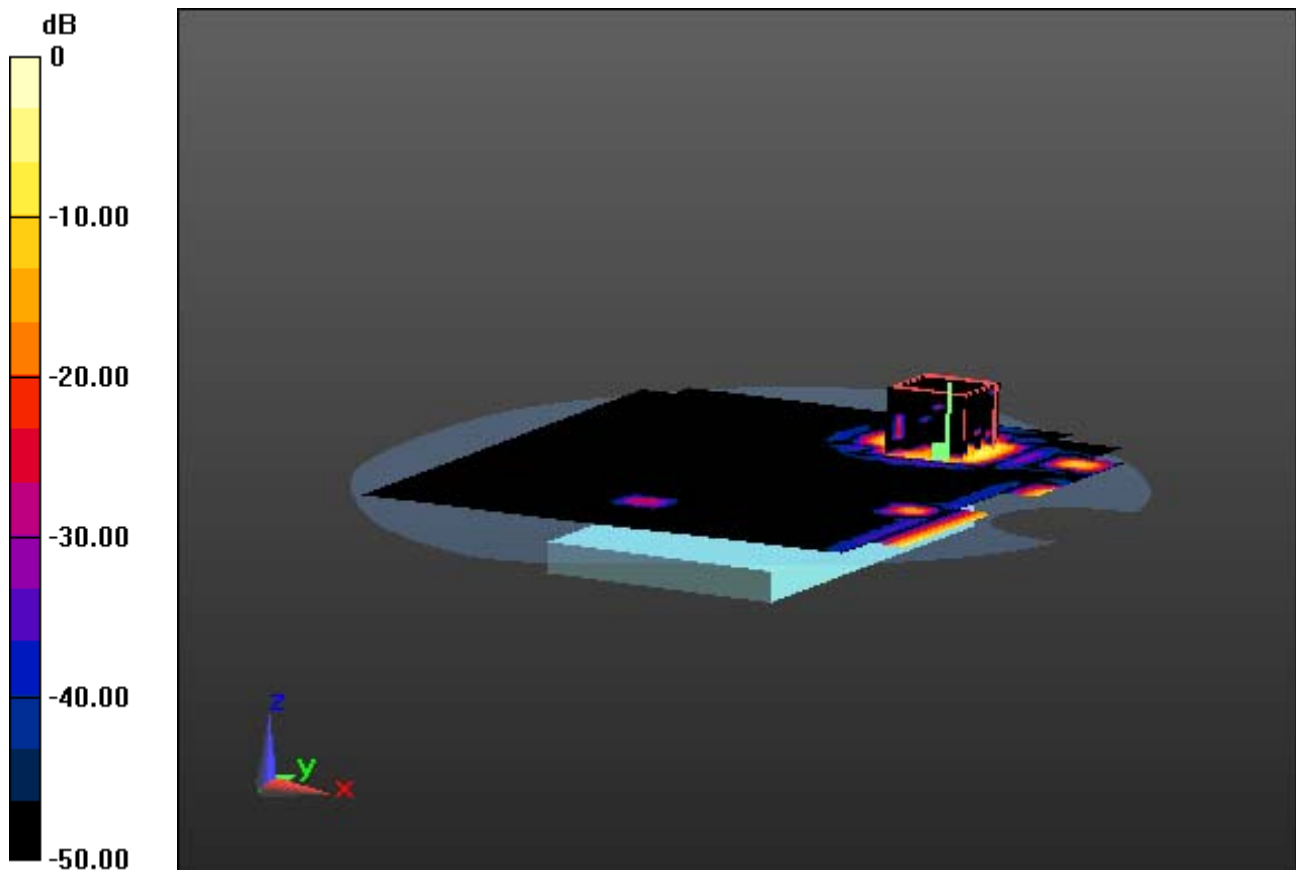
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.2G) Ch. 36, Ant Internal**

**Rear/Area Scan (161x201x1):** Interpolated 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) = 0.274 W/kg  
**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg**



0 dB = 0.142 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.076$  S/m;  $\epsilon_r = 48.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.2G) Ch. 36, Ant Internal**

**With Enlarge plot image**

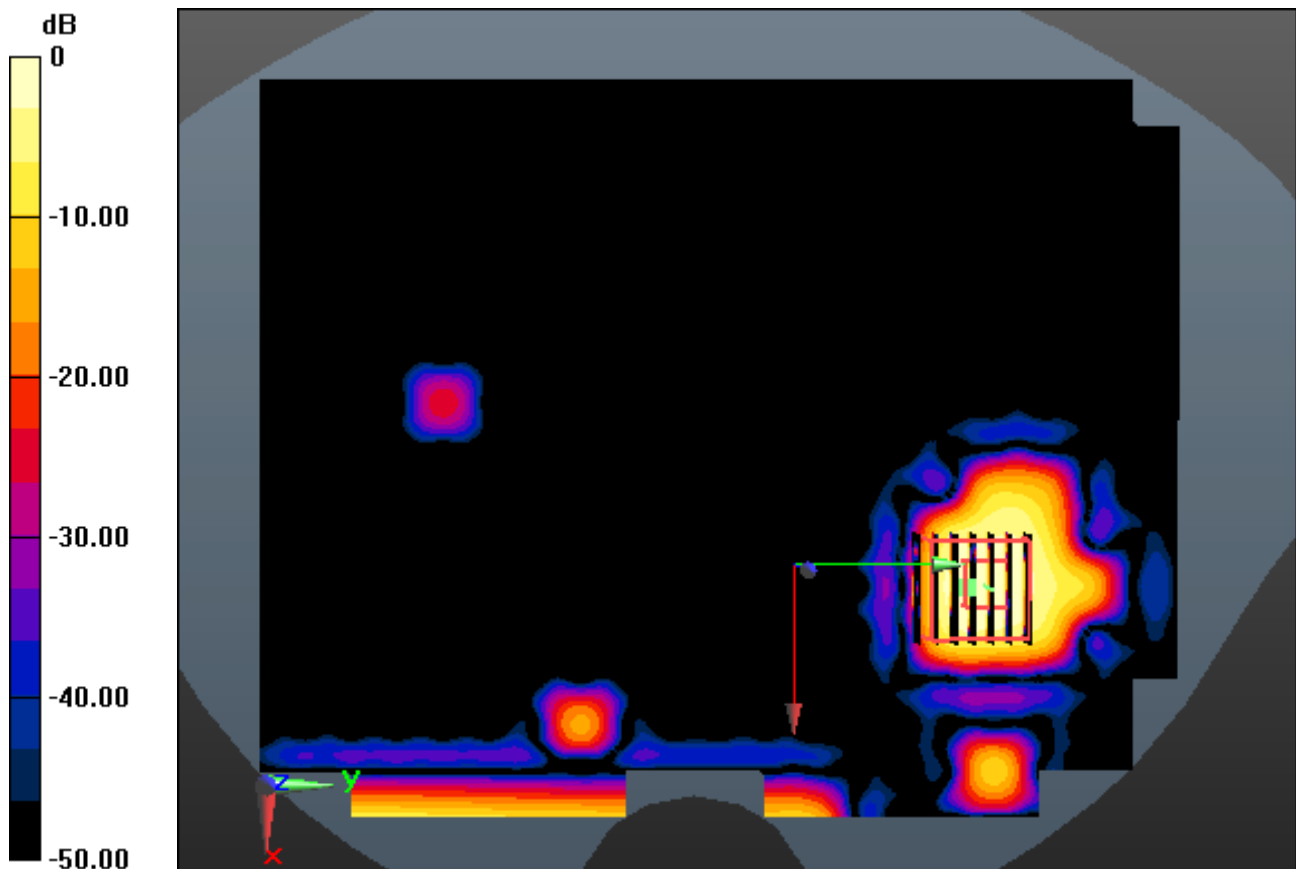
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg**



0 dB = 0.142 W/kg



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5200 (0); Frequency: 5180 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.076$  S/m;  $\epsilon_r = 48.856$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.67, 4.67, 4.67); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.2G) Ch. 36, Ant Internal**

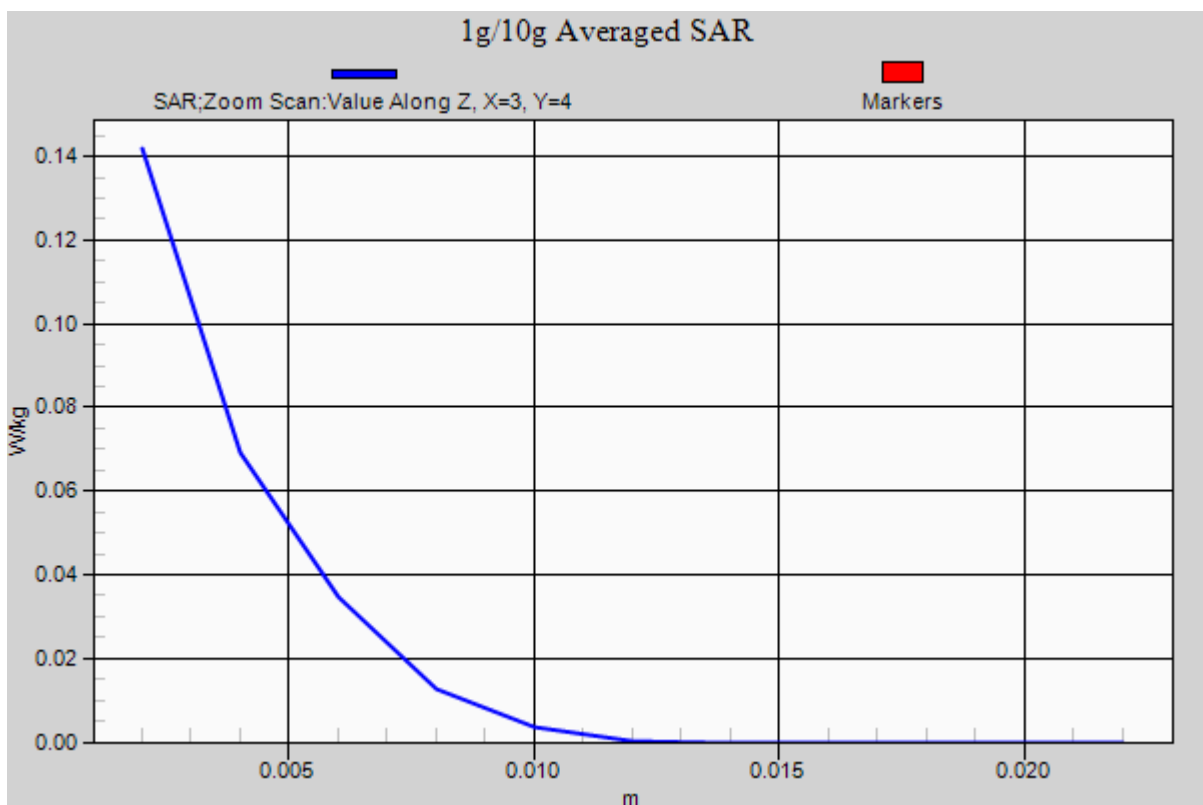
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.018 W/kg**



## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.188$  S/m;  $\epsilon_r = 48.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal**

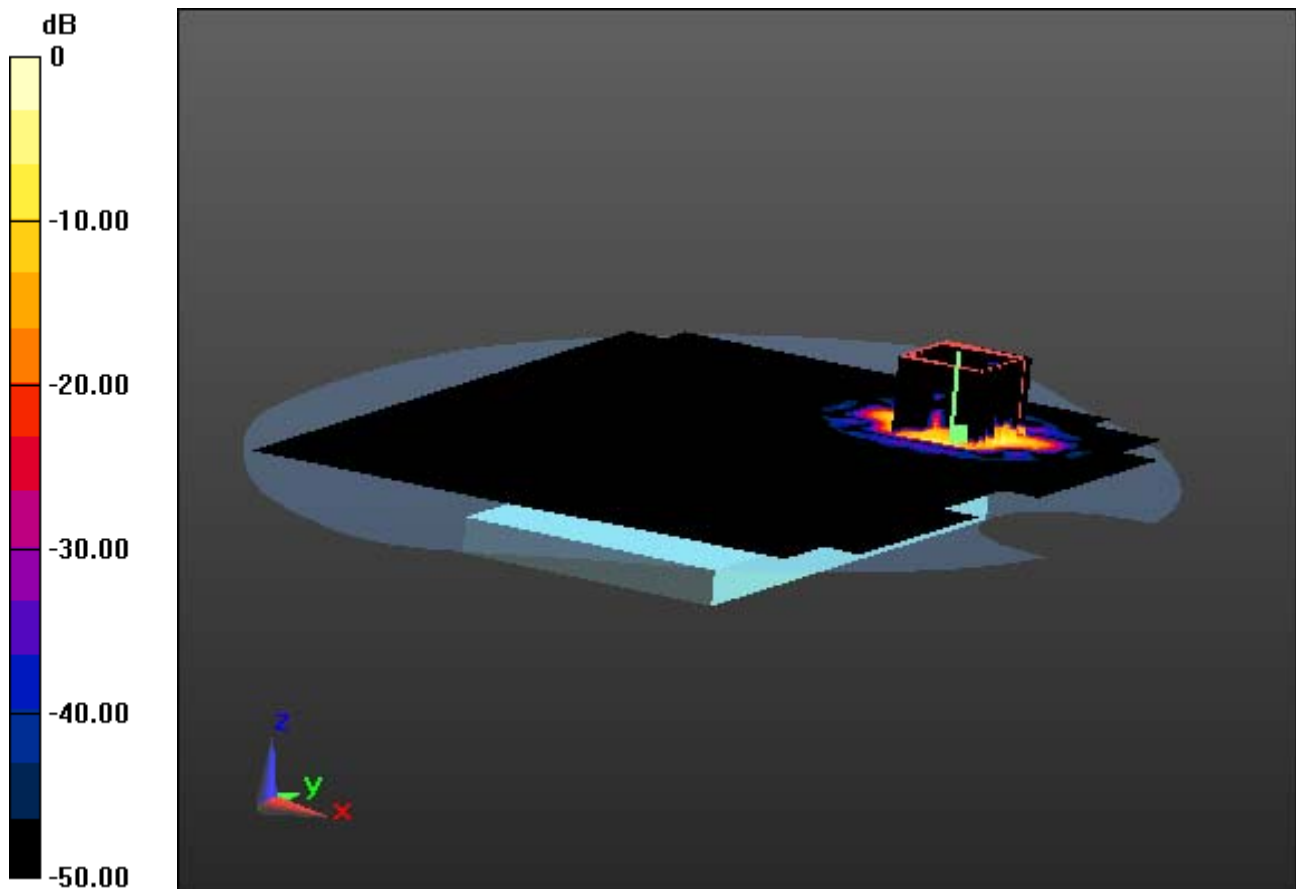
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.180 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.188$  S/m;  $\epsilon_r = 48.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal**

**With Enlarge plot image**

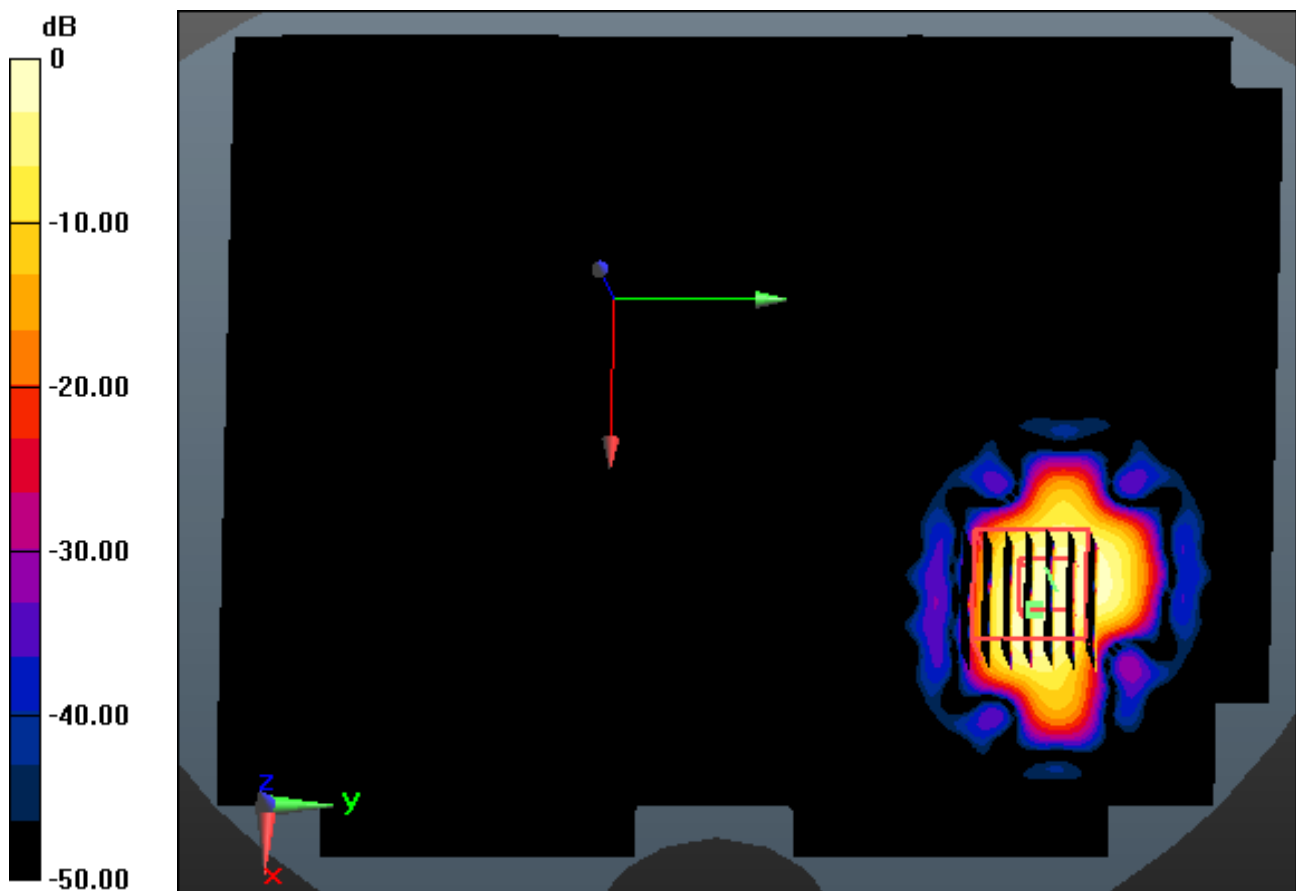
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.180 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5300 (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.188$  S/m;  $\epsilon_r = 48.748$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.49, 4.49, 4.49); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.3G) Ch. 52, Ant Internal**

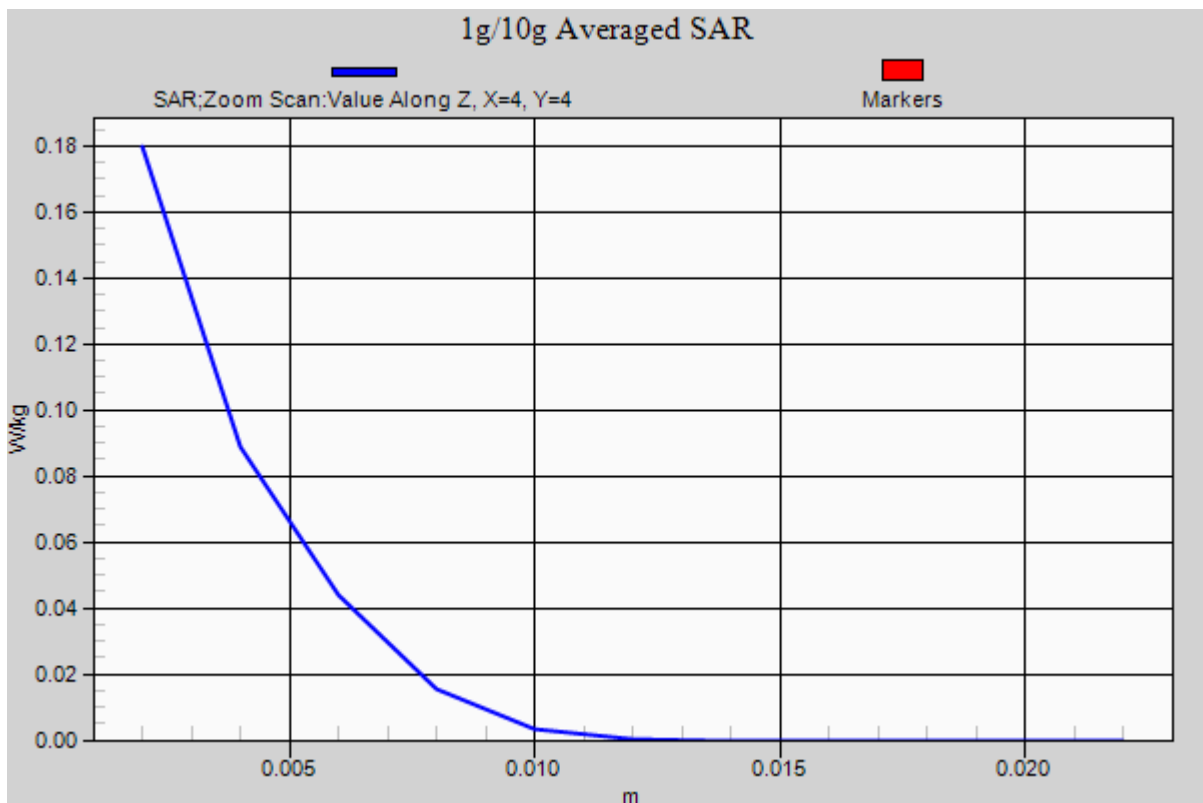
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.022 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.616$  S/m;  $\epsilon_r = 48.192$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal**

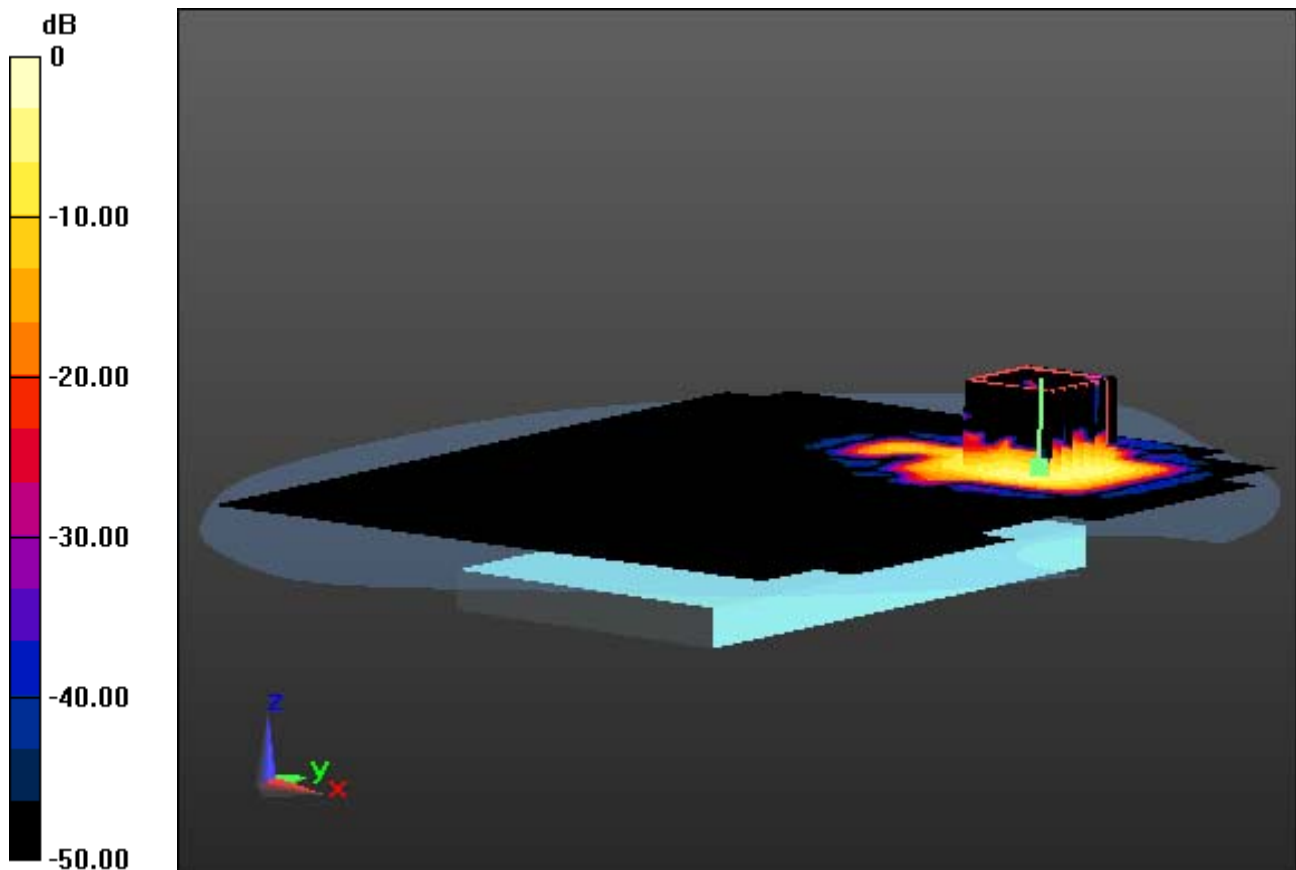
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.073 W/kg**



0 dB = 0.483 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.616$  S/m;  $\epsilon_r = 48.192$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal**

**With Enlarge plot image**

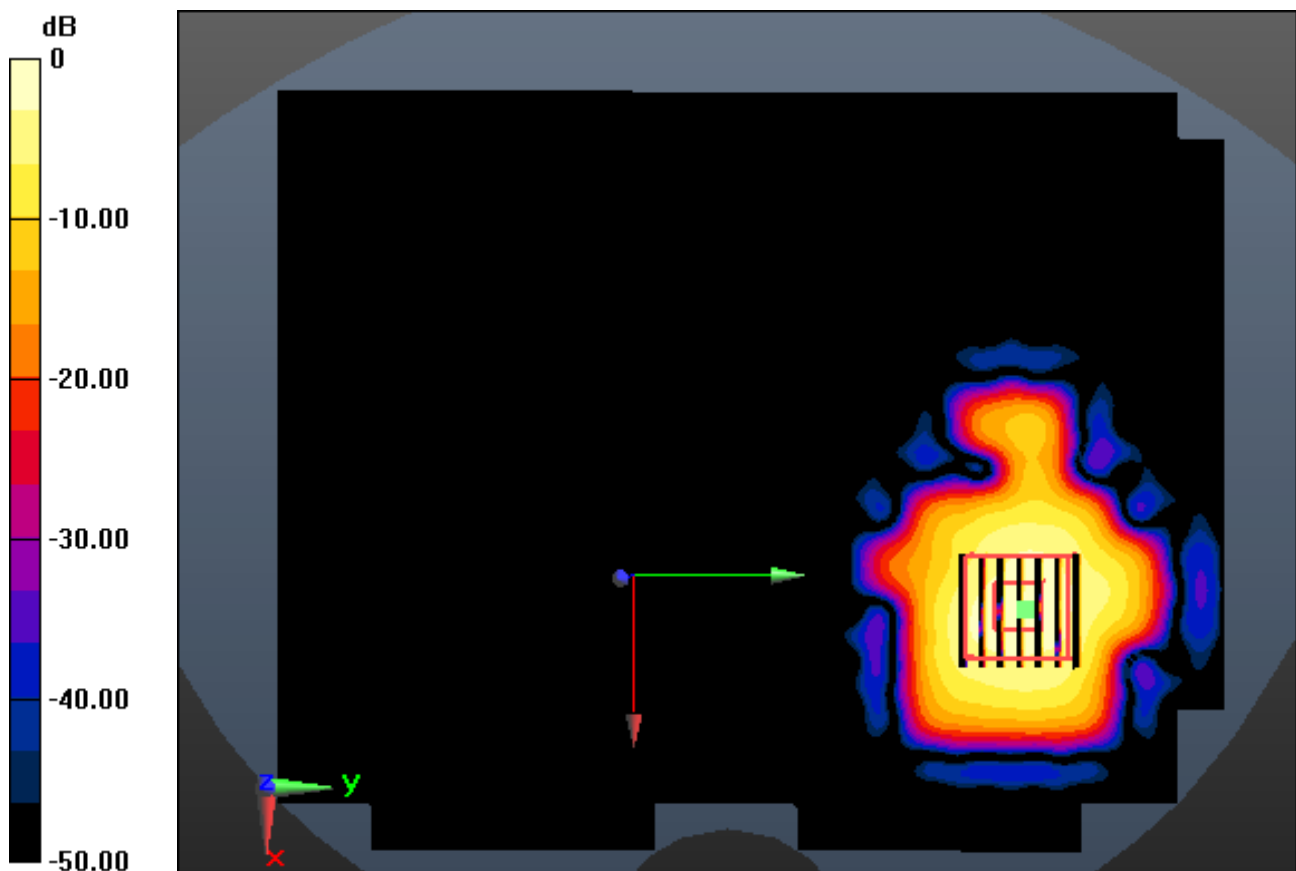
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.073 W/kg**



0 dB = 0.483 W/kg

# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: W-LAN\_5500 (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.616$  S/m;  $\epsilon_r = 48.192$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.06, 4.06, 4.06); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-04; Ambient Temp: 20.3; Tissue Temp: 21.3

**1 cm space from Body, Rear, W-LAN(802.11a 5.6G) Ch. 116, Ant Internal**

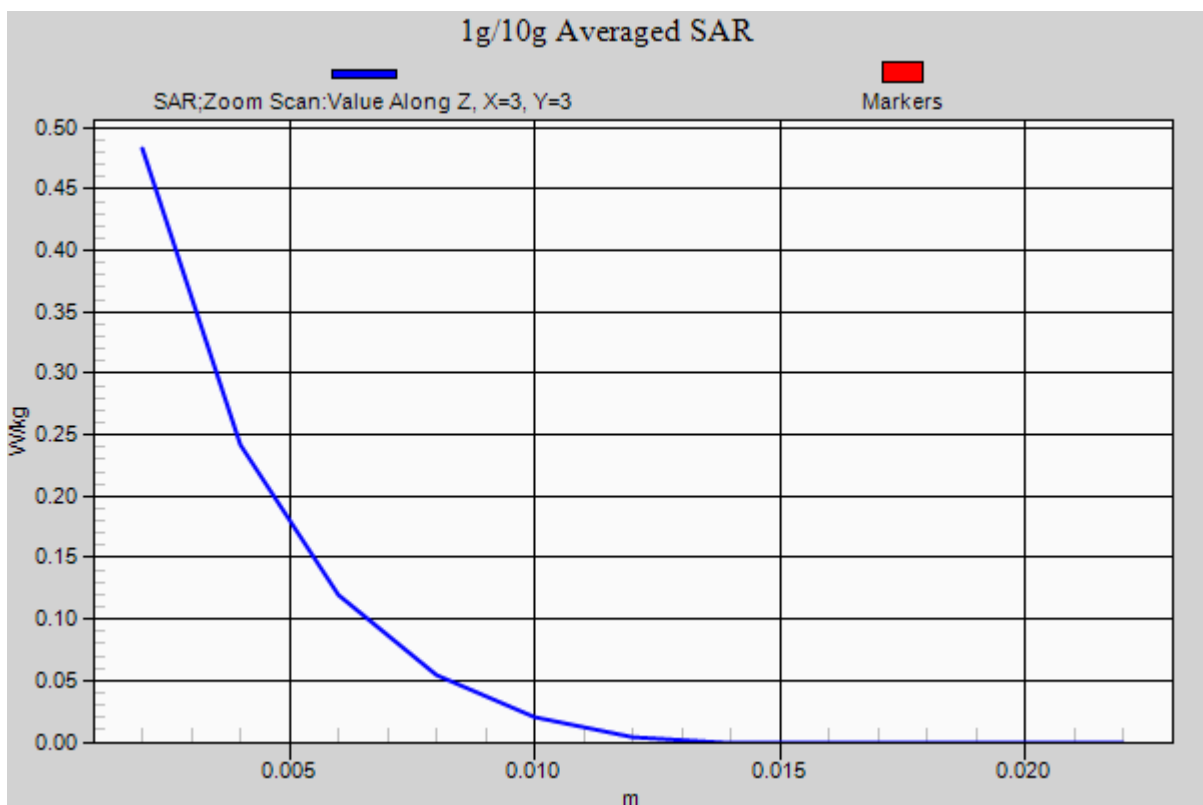
**Area Scan (161x201x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.073 W/kg**



# DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

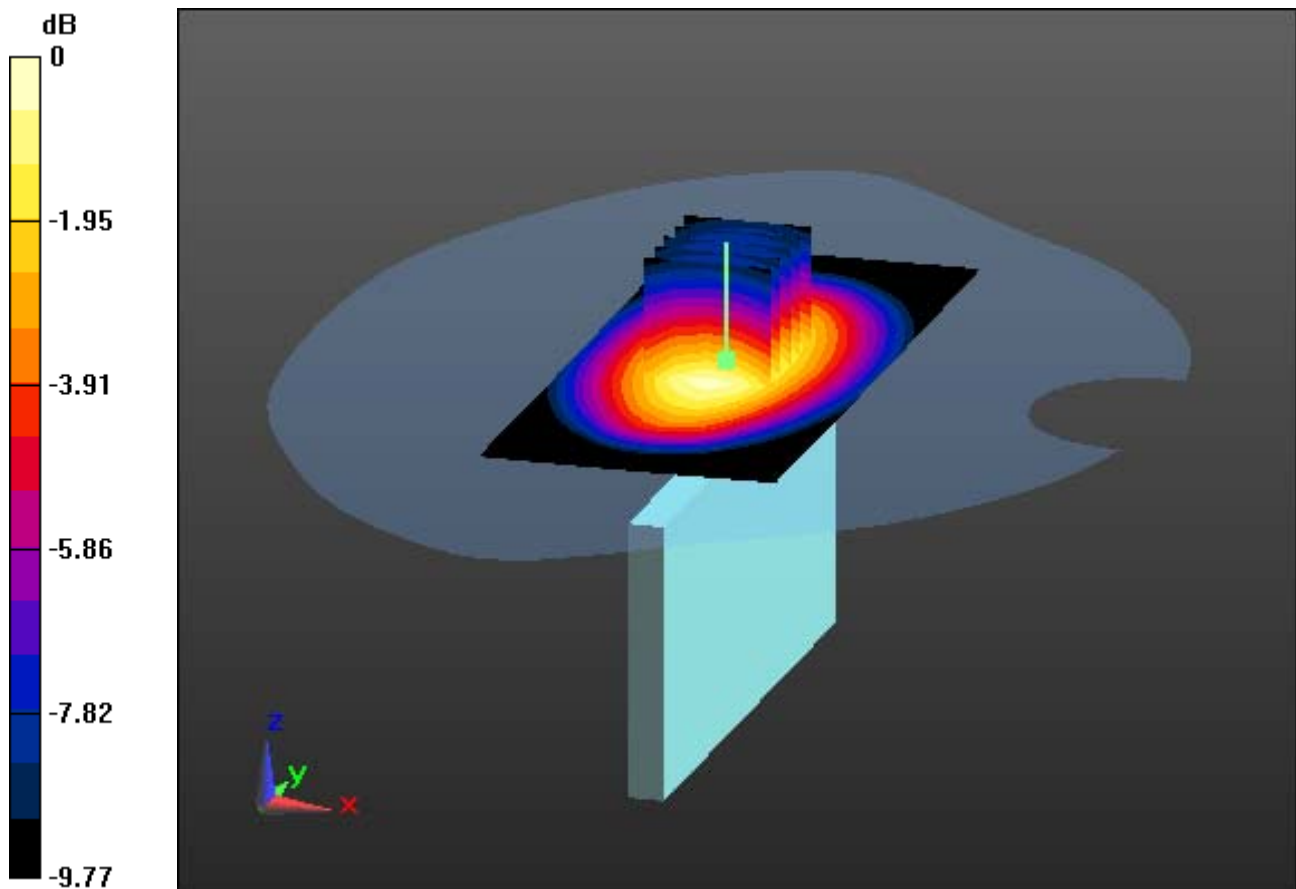
**Area Scan (51x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

Reference Value = 25.566 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.351 W/kg**



0 dB = 0.629 W/kg



## DT&C Co., Ltd.

**DUT: LG-D722J; Type: Bar**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-0-; -38; Ambient Temp: 21.3; Tissue Temp: 21.2

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

**With Enlarge plot image**

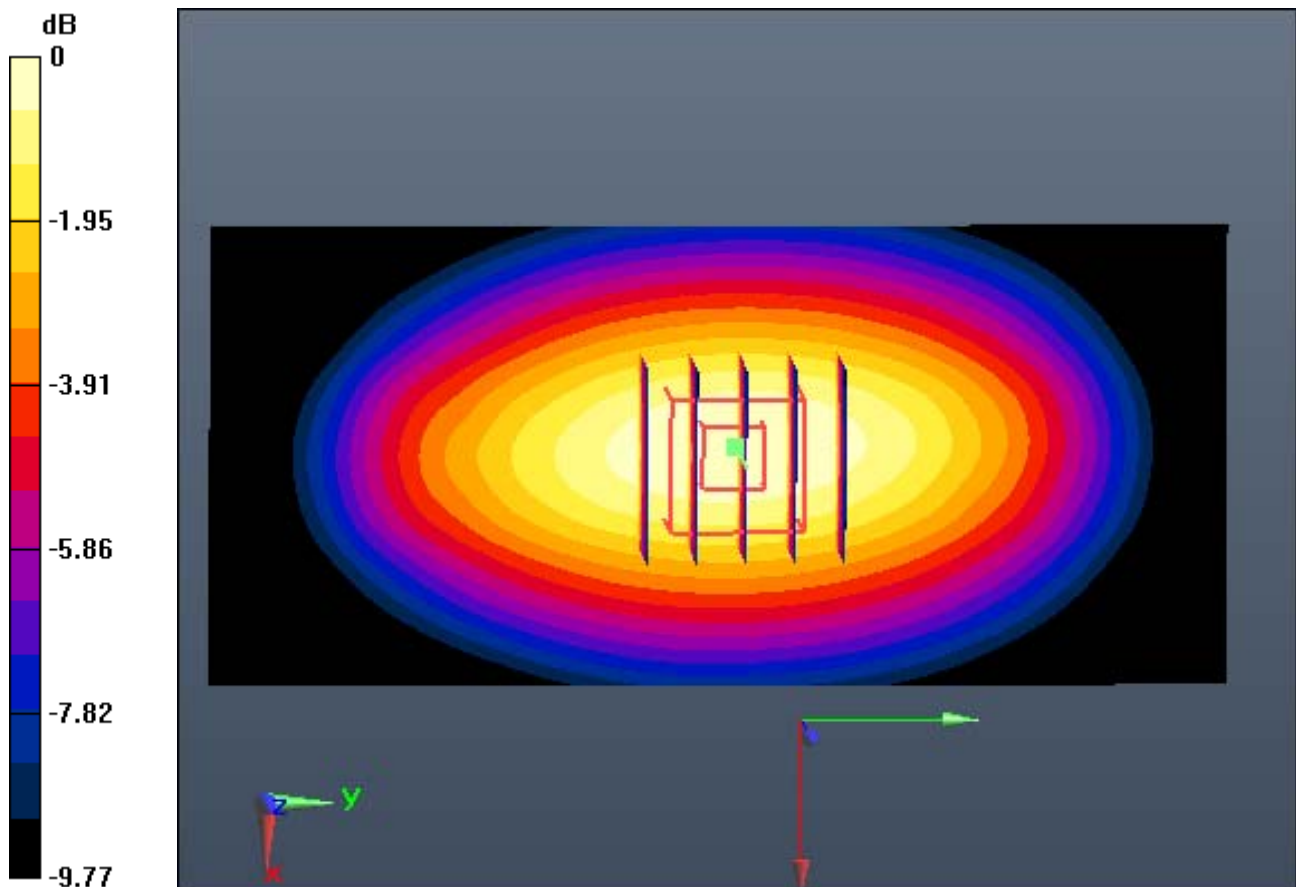
**Area Scan (51x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.351 W/kg



0 dB = 0.629 W/kg

## DT&C Co., Ltd.

**DUT: LG-D722J; Type:**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.07, 10.07, 10.07); Calibrated: 2014-07-22; Electronics: DAE4 Sn1394  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Test Date: 2014-09-16; Ambient Temp: 21.3; Tissue Temp: 21.2

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

**Area Scan (51x111x1):** Interpolated 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) = 0.728 W/kg

**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.351 W/kg**

