

## **SAR Plots**

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 42.447$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **835 MHz System Verification**

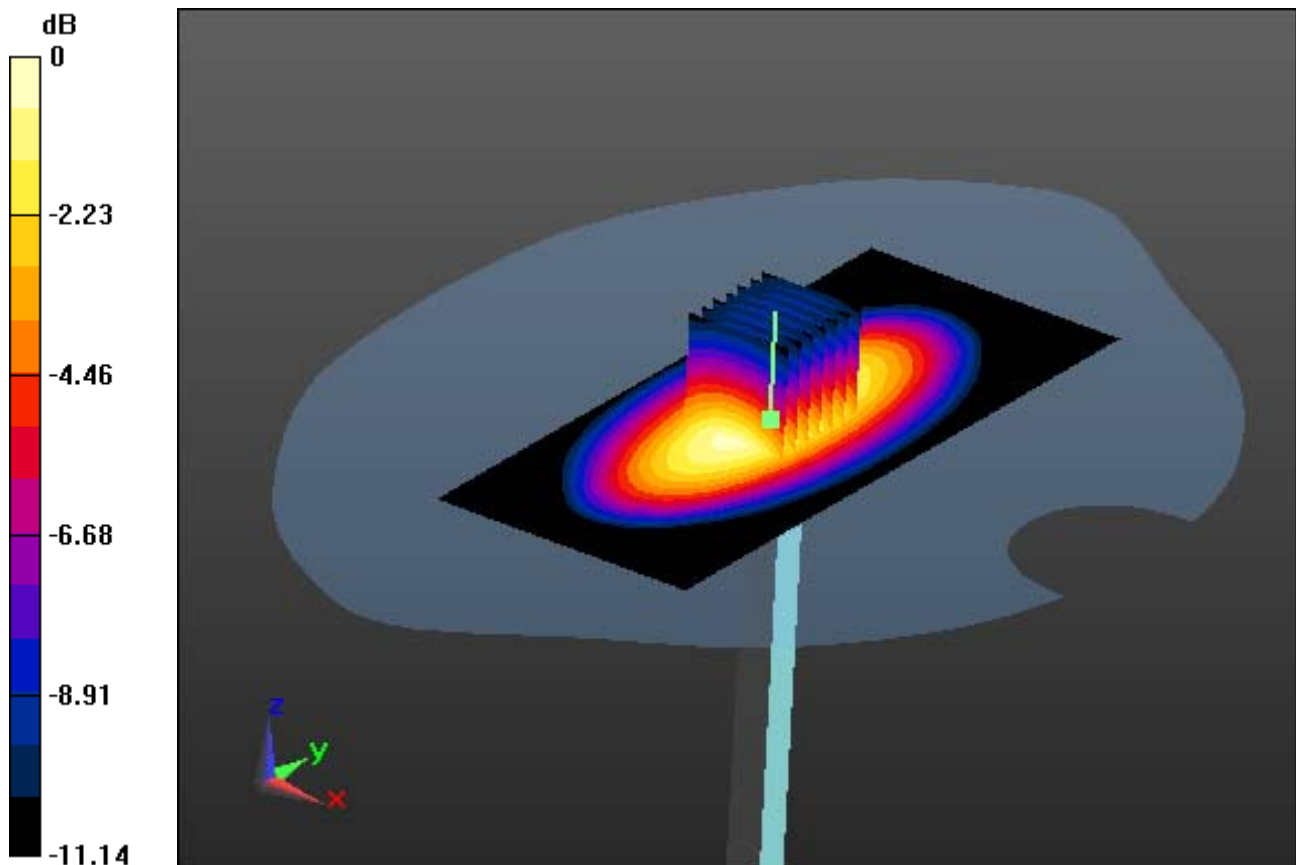
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.49 W/kg

**SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.5 W/kg**



0 dB = 2.97 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 42.447$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **835 MHz System Verification**

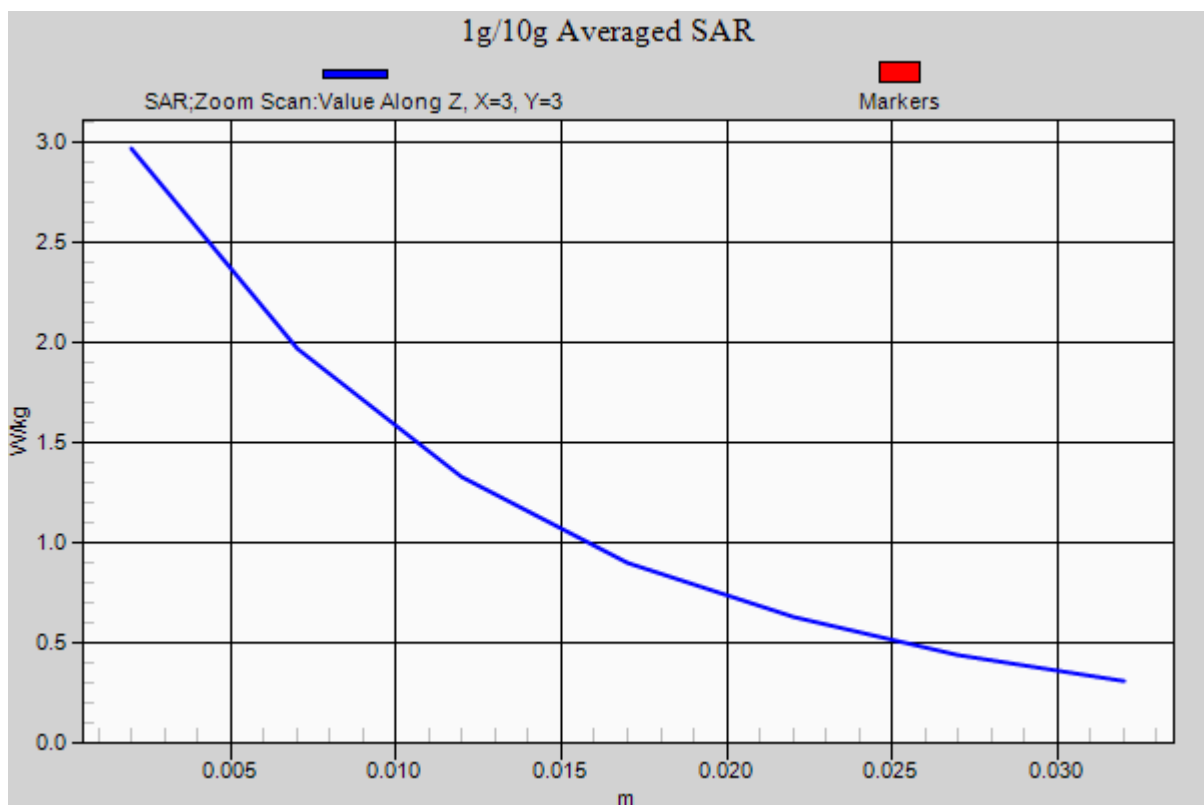
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.49 W/kg

**SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.5 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.988 \text{ S/m}$ ;  $\epsilon_r = 53.695$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **835 MHz System Verification**

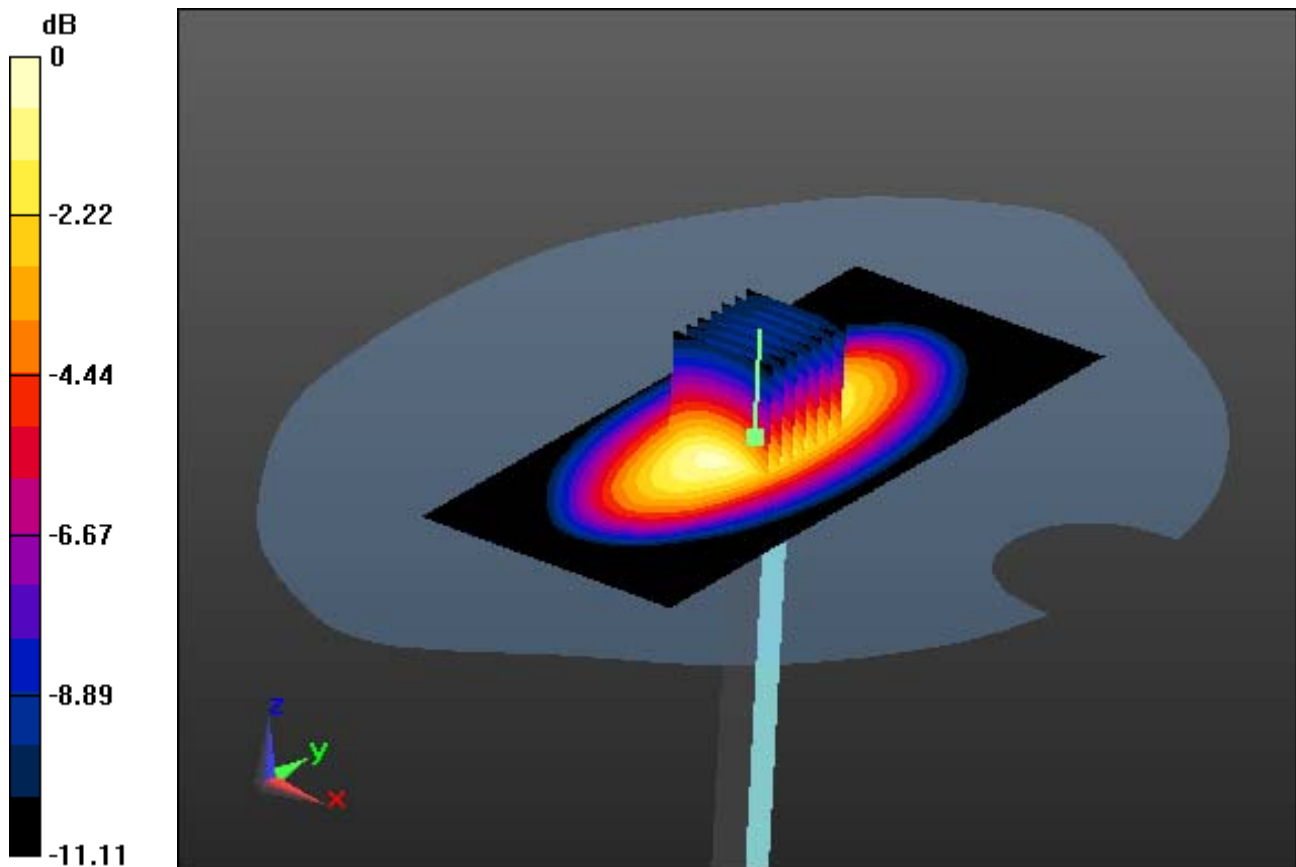
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.01 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.58 W/kg**



0 dB = 3.42 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.988 \text{ S/m}$ ;  $\epsilon_r = 53.695$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **835 MHz System Verification**

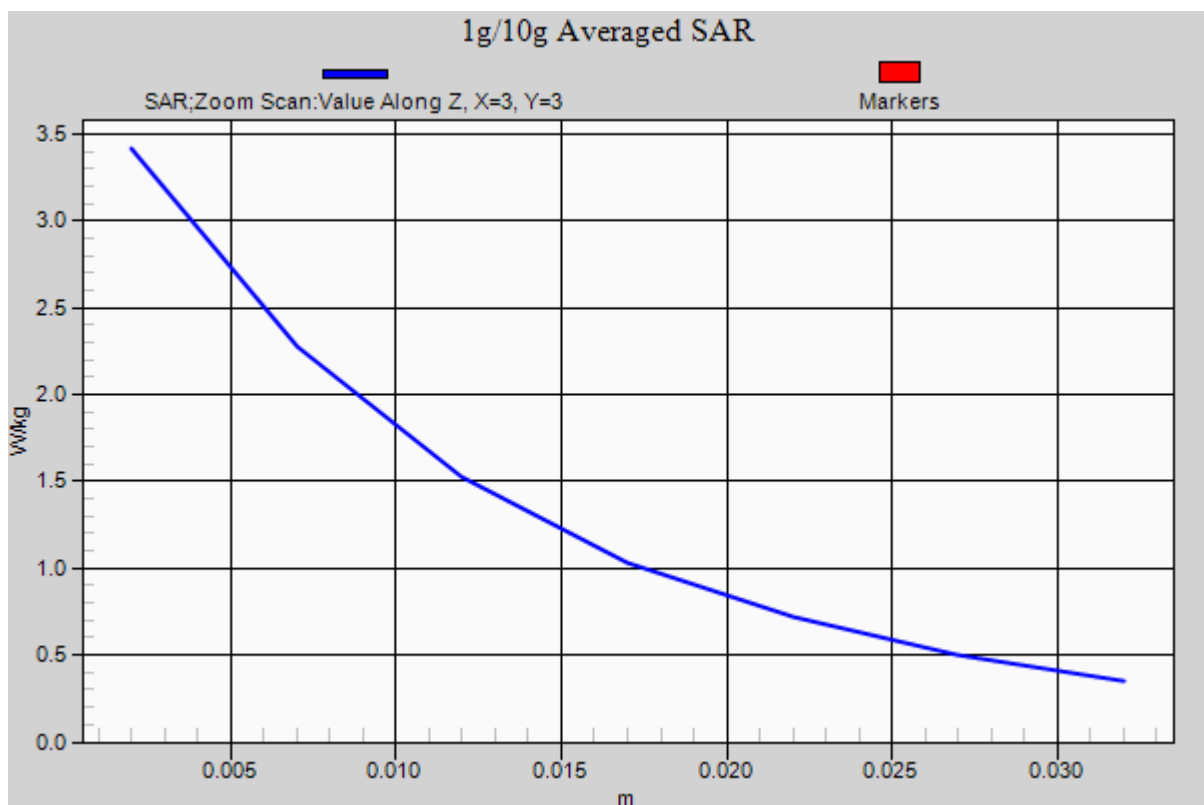
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.01 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.58 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **1900 MHz System Verification**

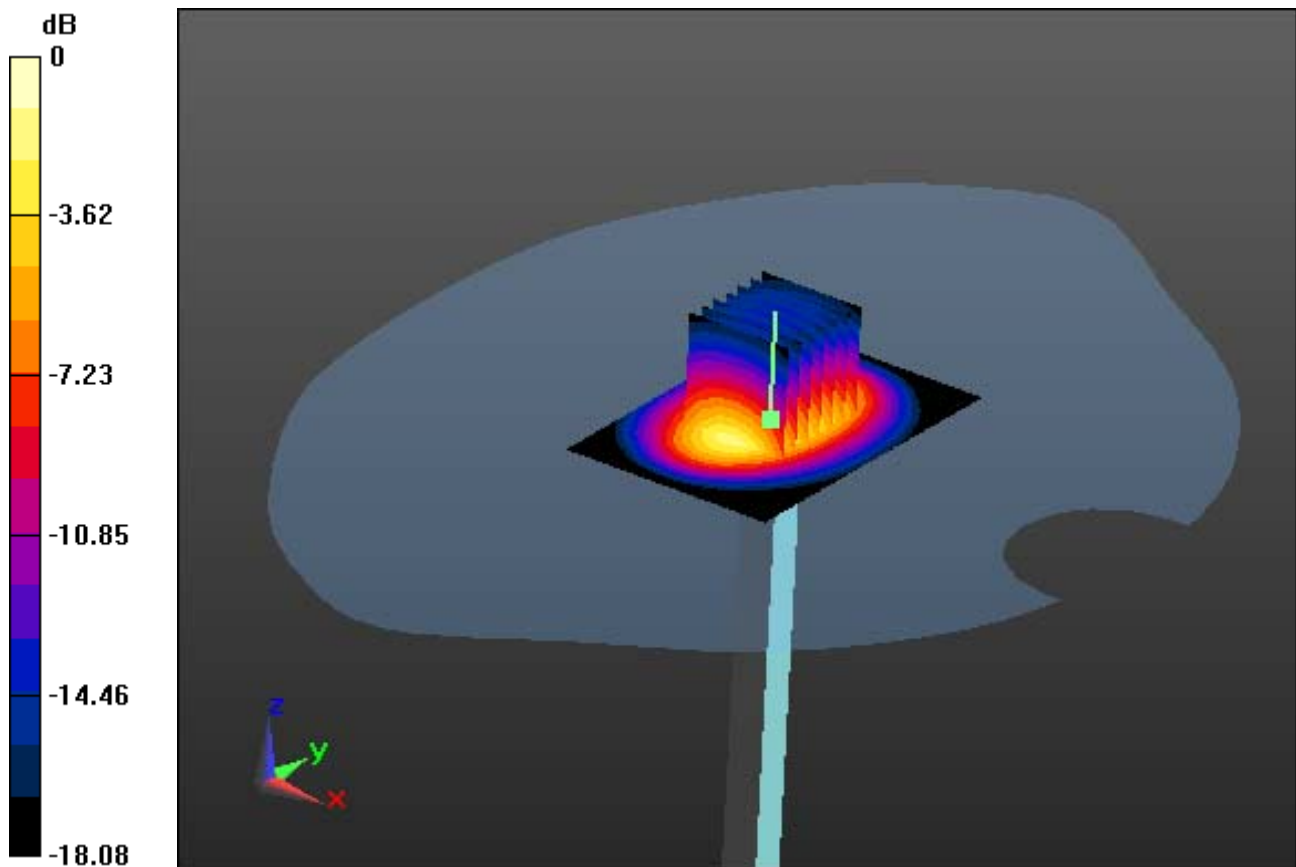
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 9.86 W/kg; SAR(10 g) = 5.1 W/kg**



0 dB = 14.4 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **1900 MHz System Verification**

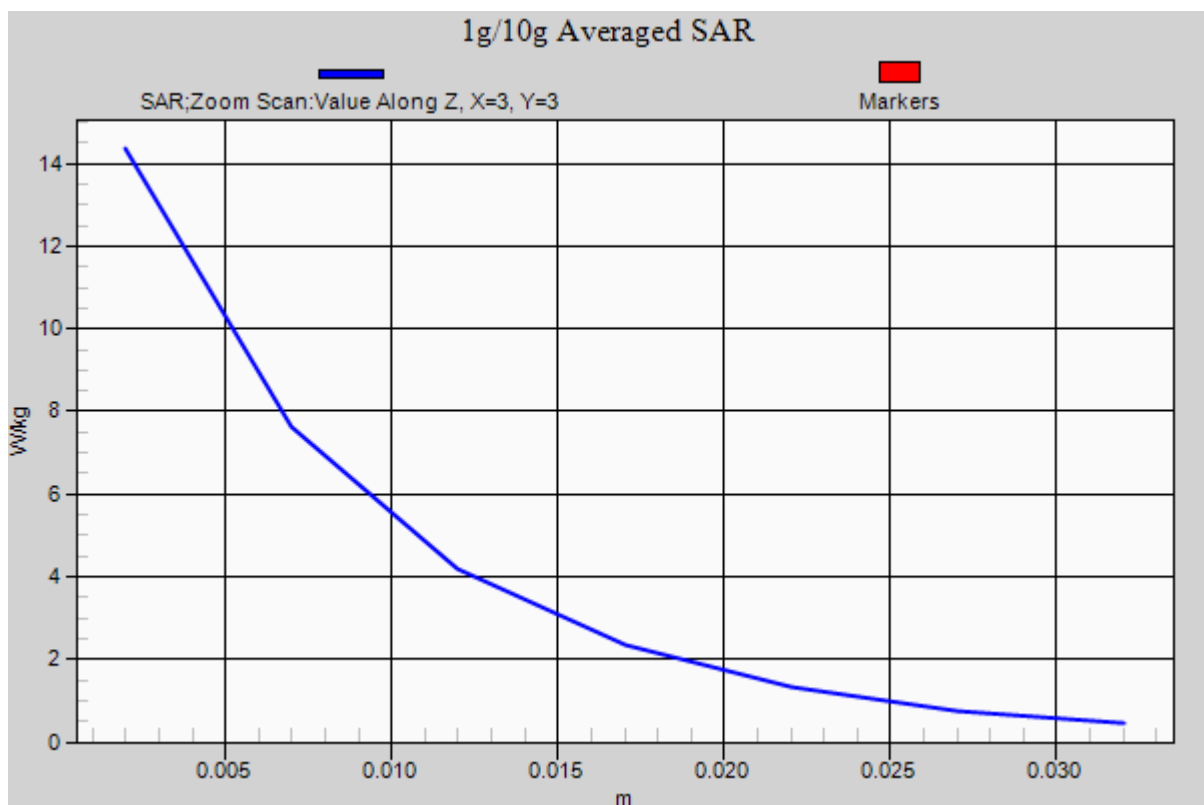
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 9.86 W/kg; SAR(10 g) = 5.1 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.515$  S/m;  $\epsilon_r = 52.13$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **1900 MHz System Verification**

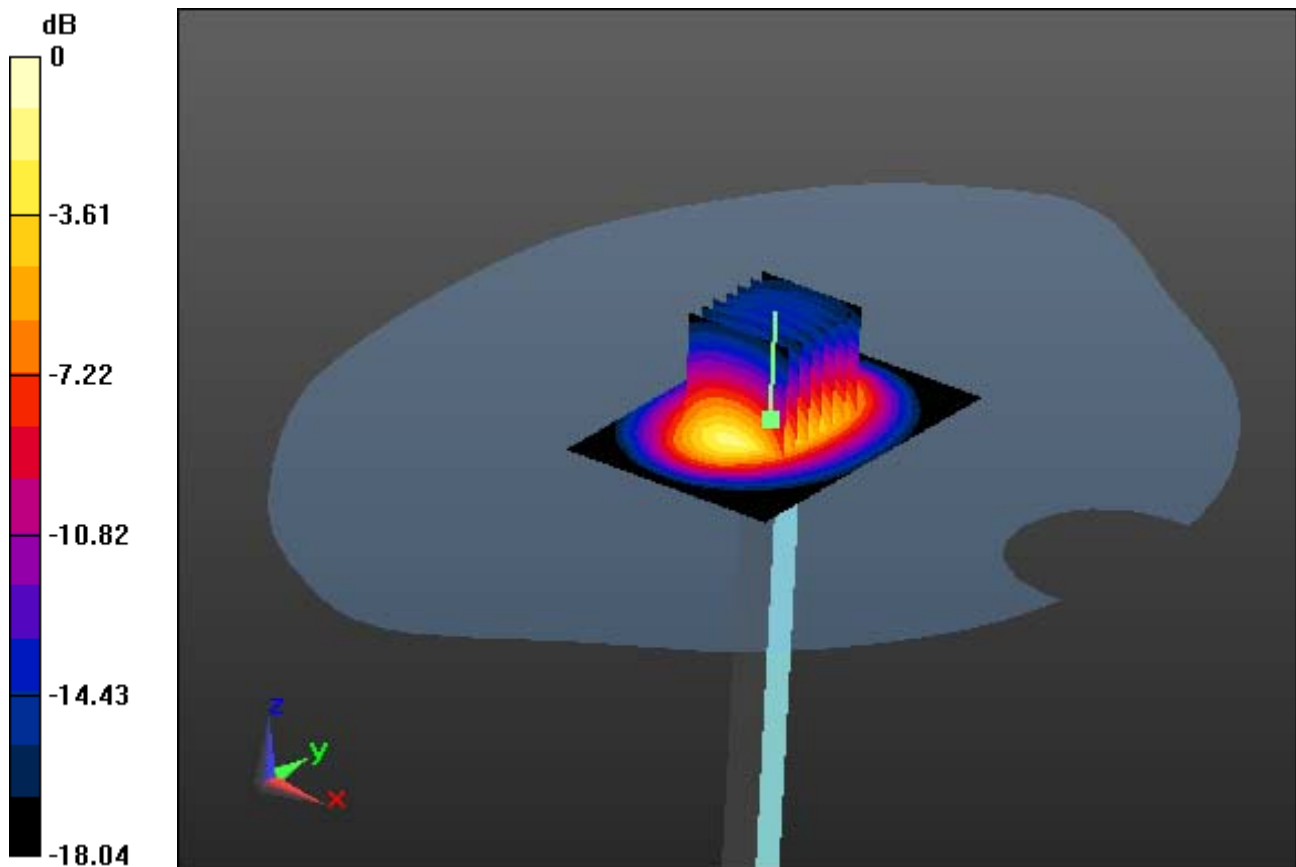
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 20.7 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.39 W/kg**



0 dB = 16.0 W/kg



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.515$  S/m;  $\epsilon_r = 52.13$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **1900 MHz System Verification**

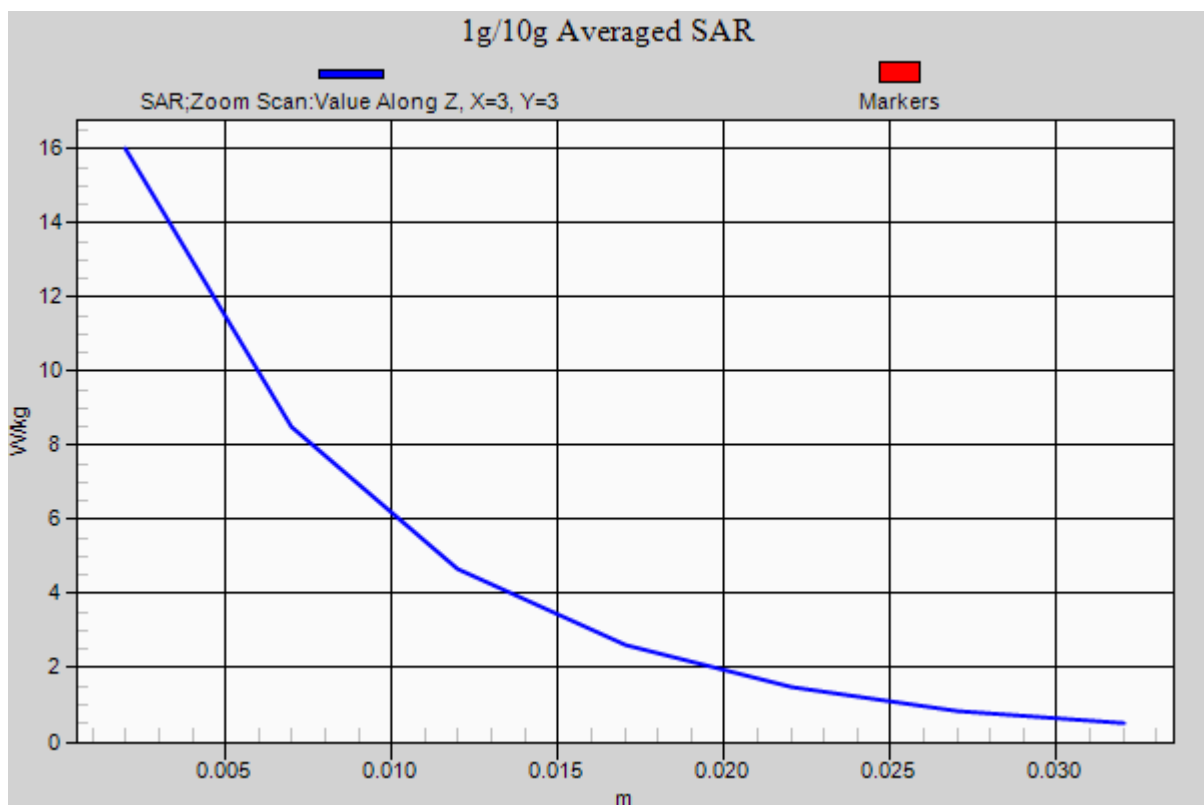
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 20.7 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.39 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.897 \text{ S/m}$ ;  $\epsilon_r = 41.469$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

### **835 MHz System Verification**

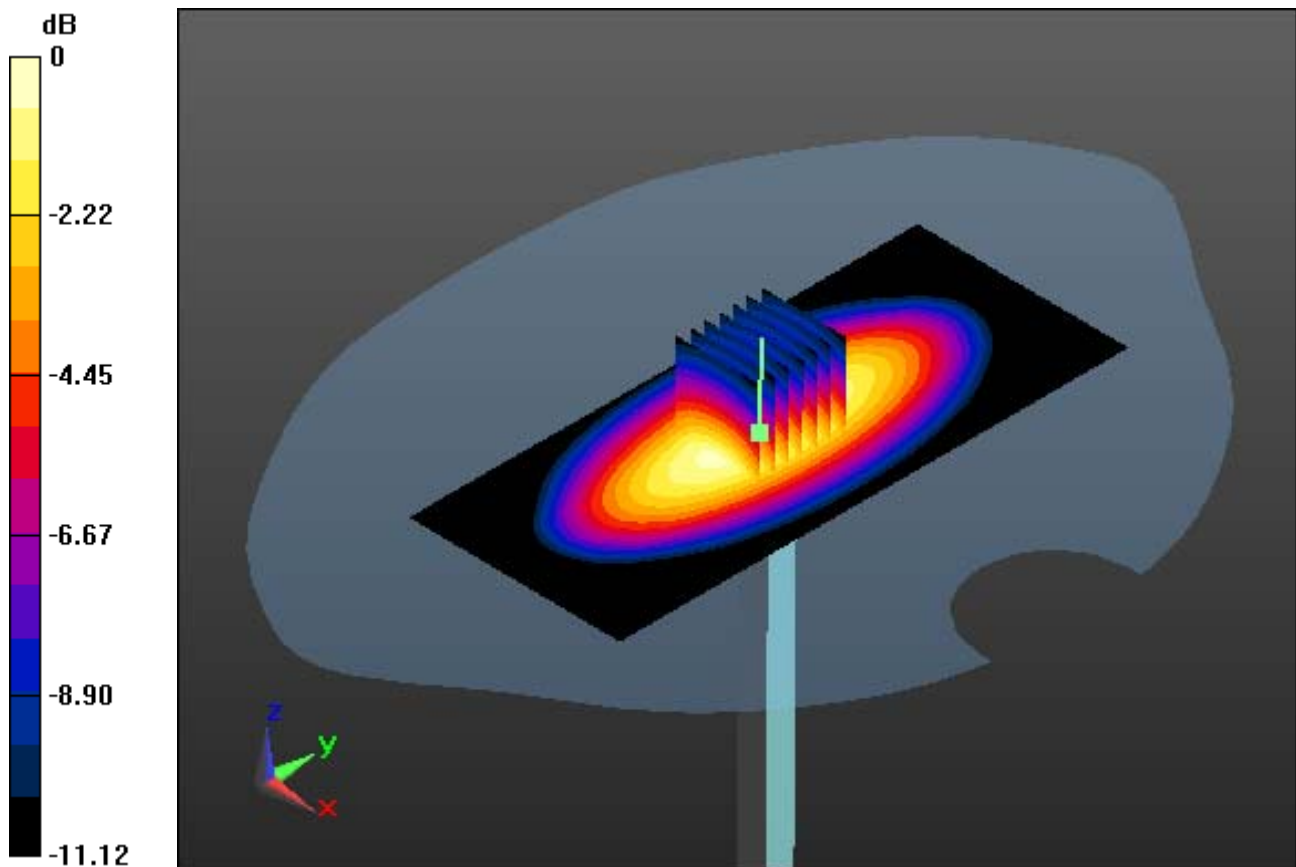
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**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) = 3.53 W/kg

**SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.52 W/kg**



0 dB = 3.01 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.897 \text{ S/m}$ ;  $\epsilon_r = 41.469$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

### **835 MHz System Verification**

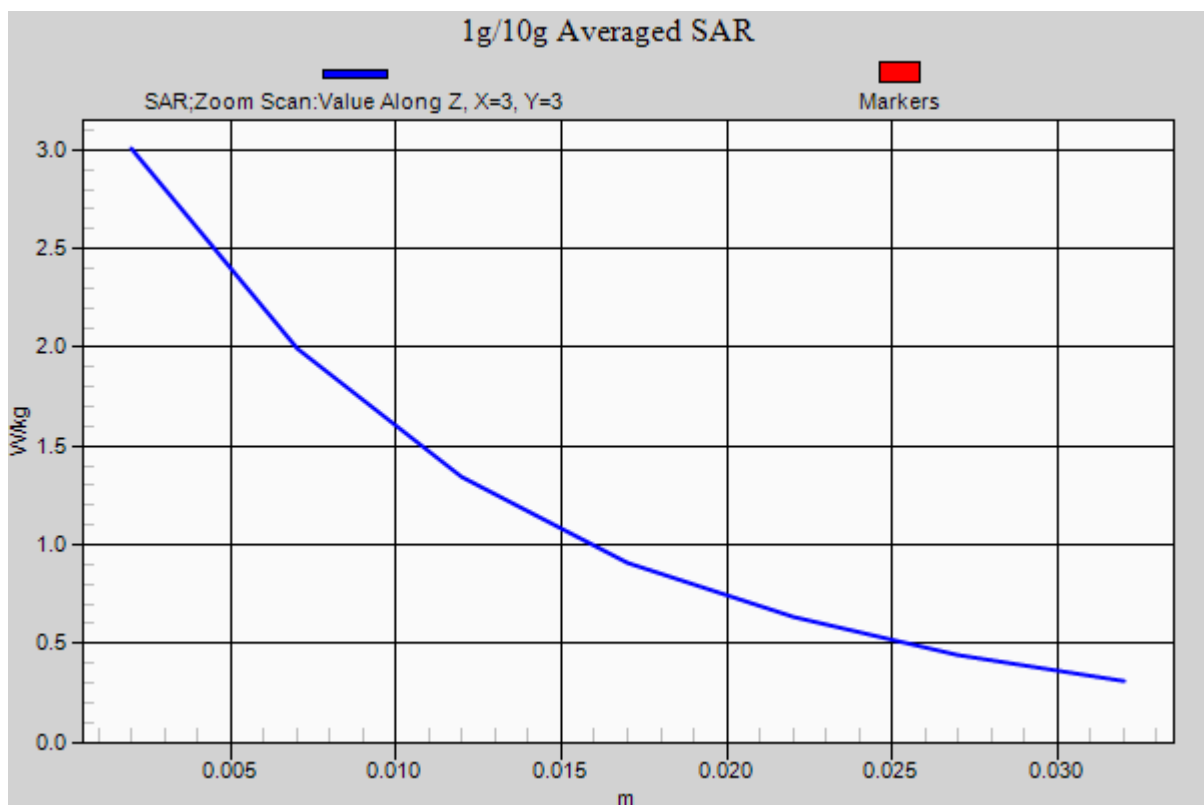
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**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) = 3.53 W/kg

**SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.52 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  $\epsilon_r = 54.359$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

### **835 MHz System Verification**

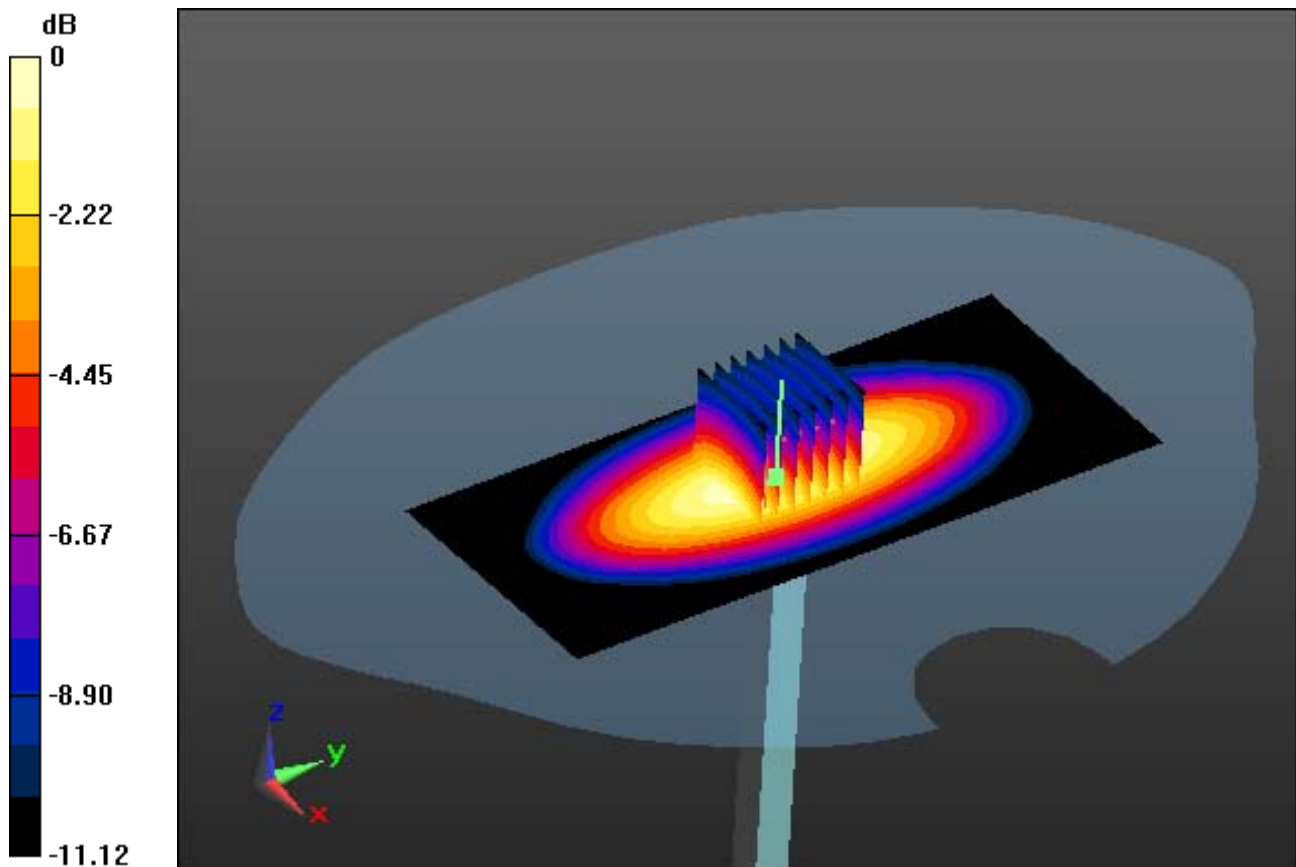
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.91 W/kg

**SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg**



0 dB = 3.33 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.995 \text{ S/m}$ ;  $\epsilon_r = 54.359$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

### **835 MHz System Verification**

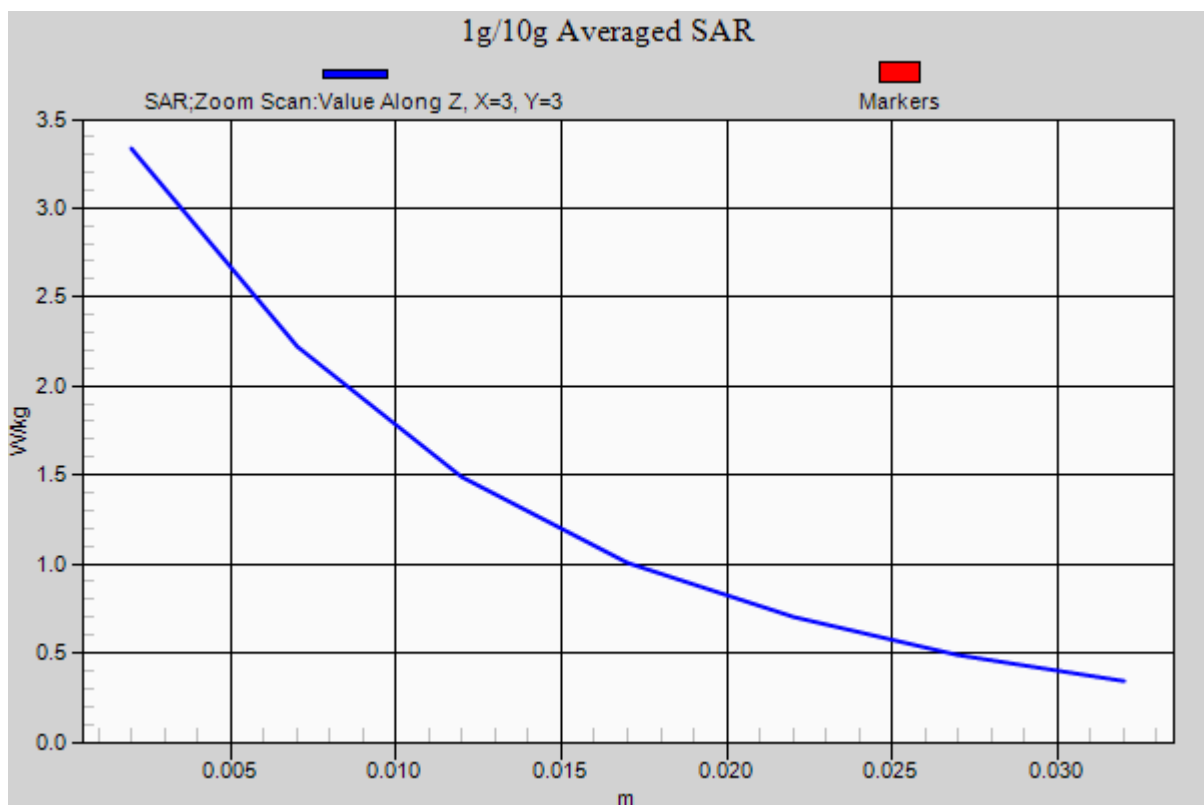
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.91 W/kg

**SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.454 \text{ S/m}$ ;  $\epsilon_r = 38.97$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

### **1800 MHz System Verification**

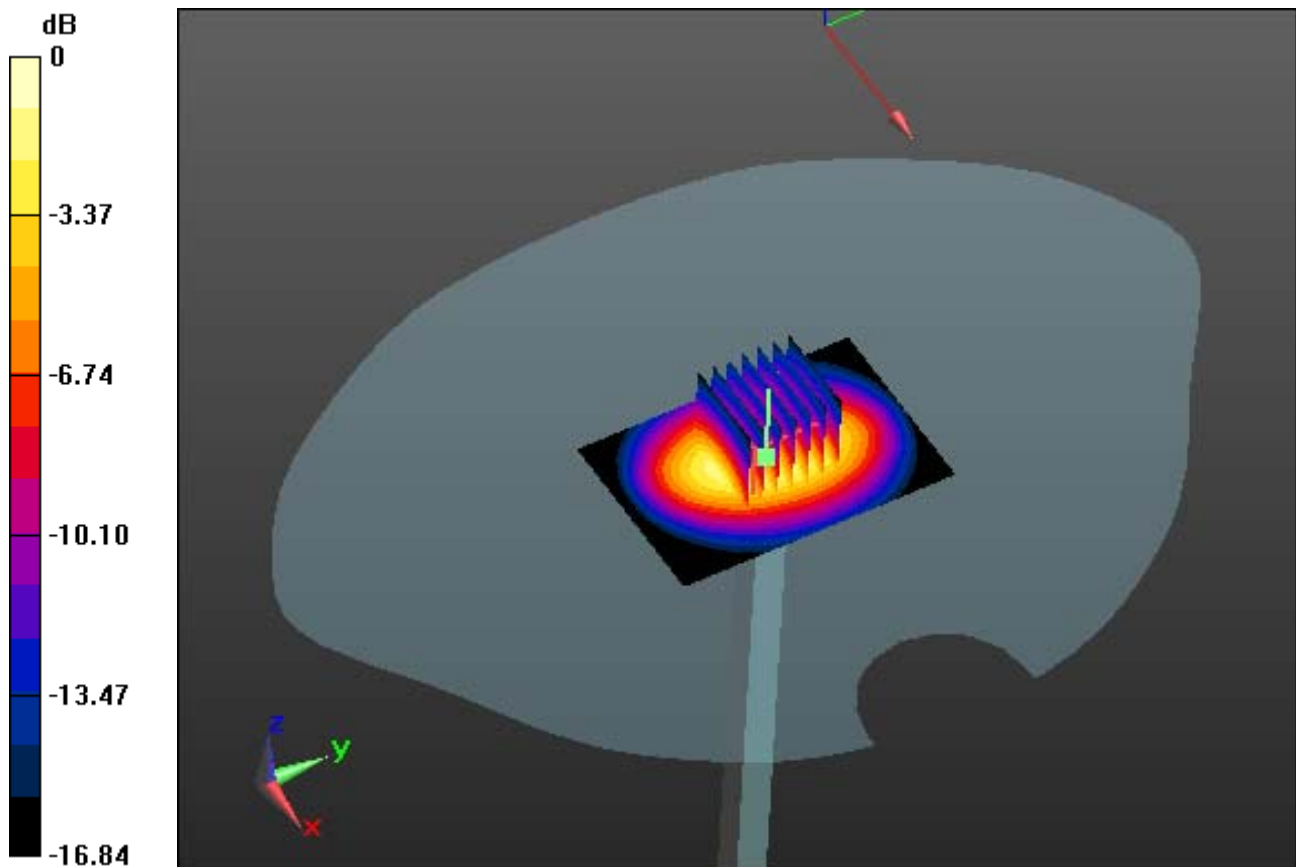
**Area Scan (61x91x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 9.77 W/kg; SAR(10 g) = 5.15 W/kg



0 dB = 12.6 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.454 \text{ S/m}$ ;  $\epsilon_r = 38.97$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

### **1800 MHz System Verification**

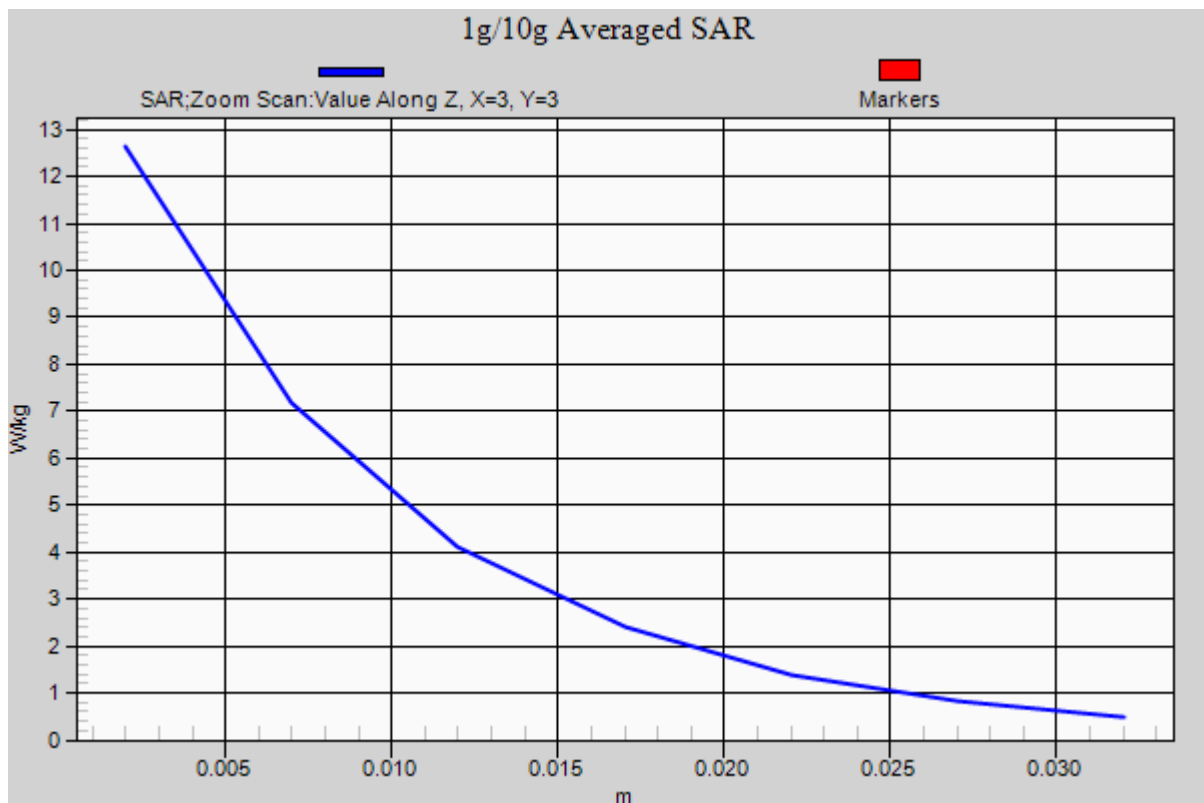
**Area Scan (61x91x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 15.8 W/kg

**SAR(1 g) = 9.77 W/kg; SAR(10 g) = 5.15 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.545$  S/m;  $\epsilon_r = 53.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

### **1800 MHz System Verification**

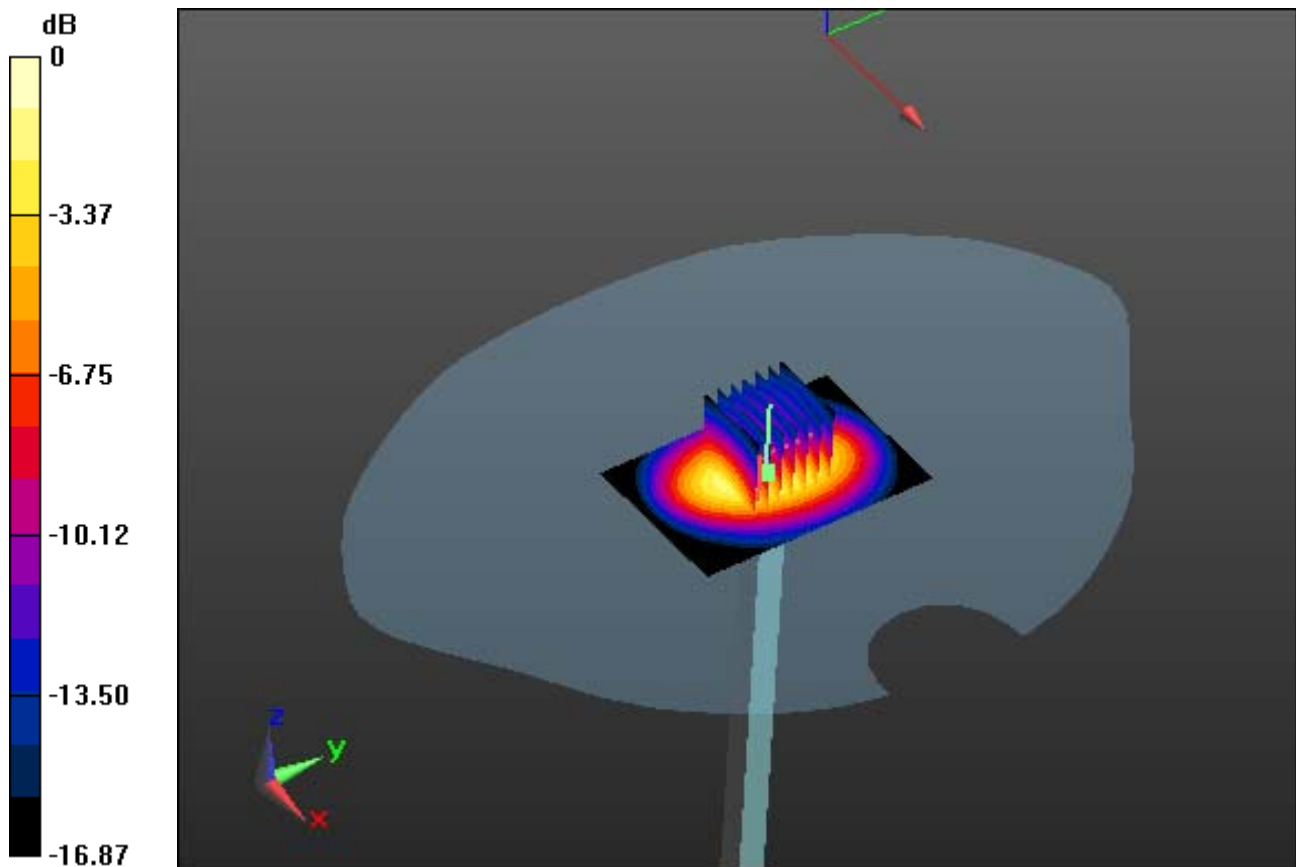
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 9.81 W/kg; SAR(10 g) = 5.19 W/kg



0 dB = 14.5 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.545$  S/m;  $\epsilon_r = 53.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

### **1800 MHz System Verification**

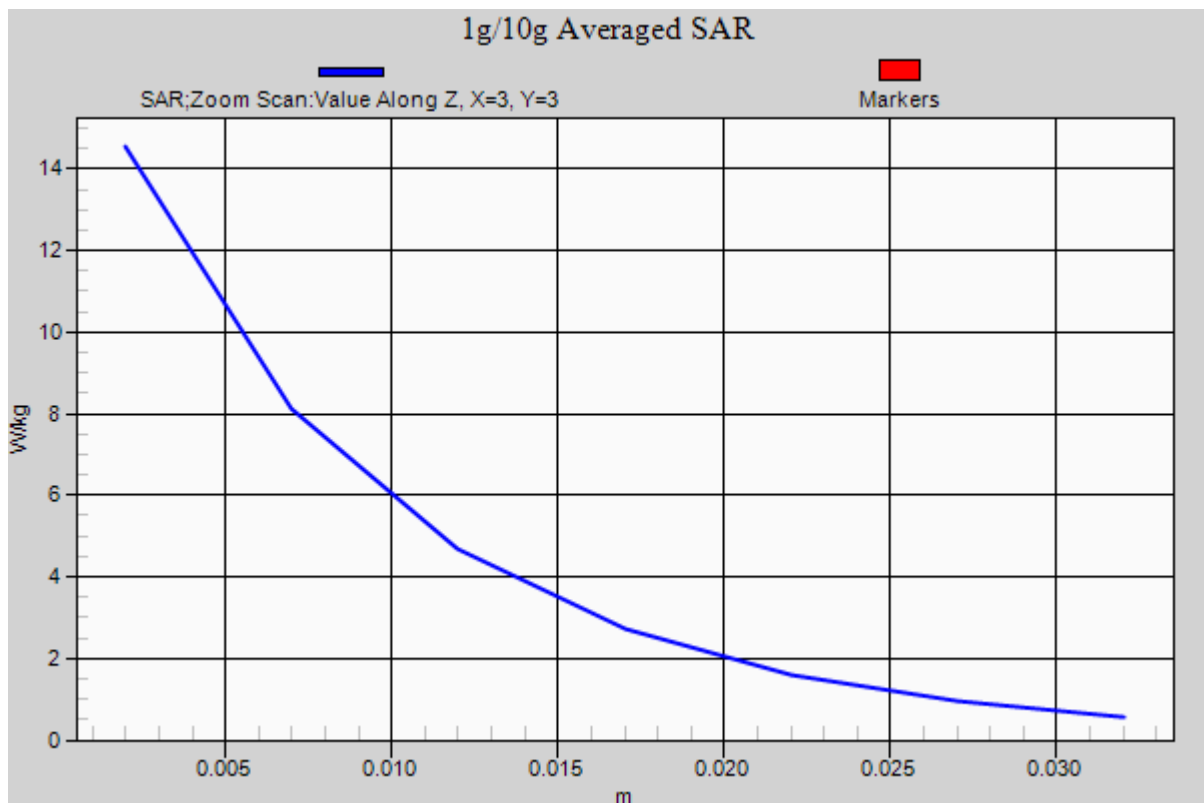
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 18.4 W/kg

**SAR(1 g) = 9.81 W/kg; SAR(10 g) = 5.19 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 40.547$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

### **1900 MHz System Verification**

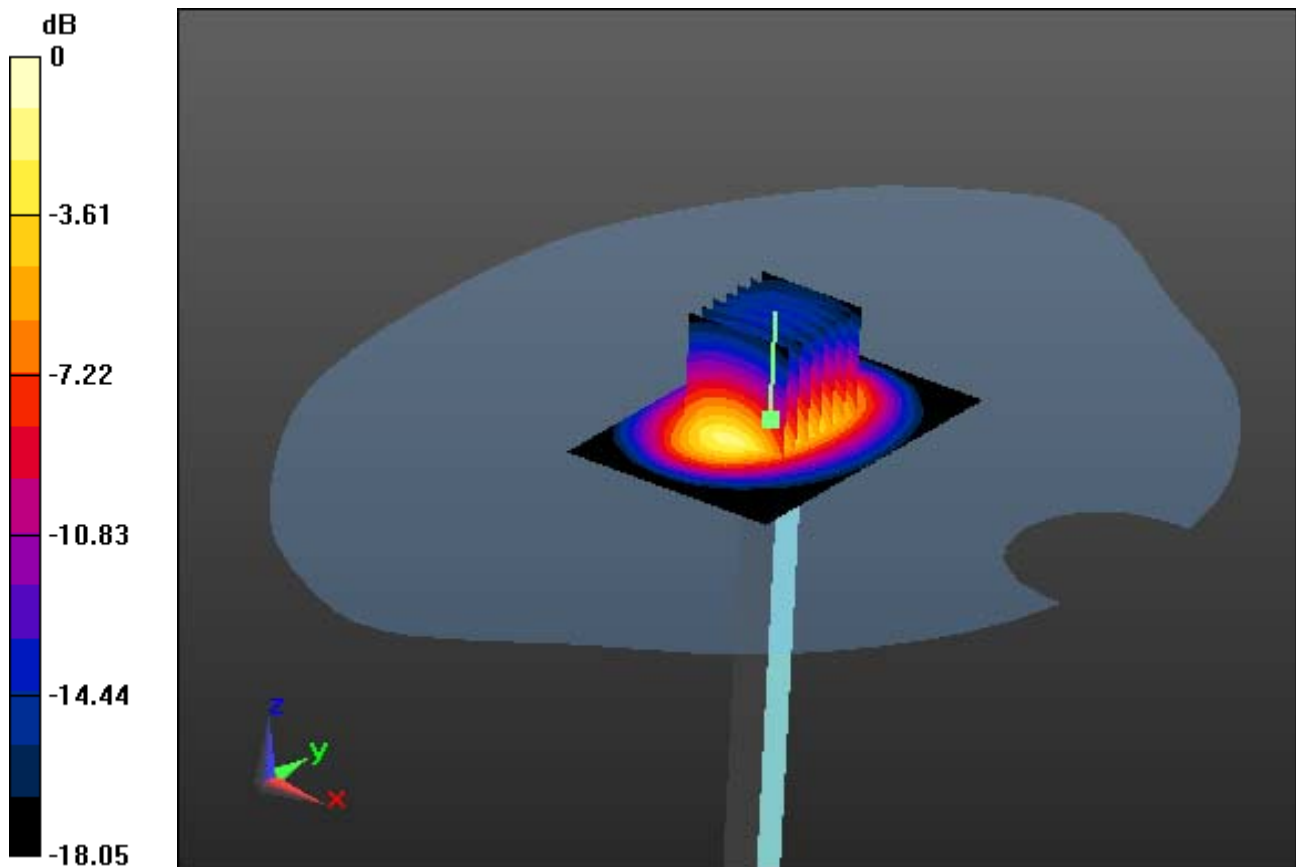
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 19.1 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.25 W/kg**



0 dB = 14.8 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 40.547$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

### **1900 MHz System Verification**

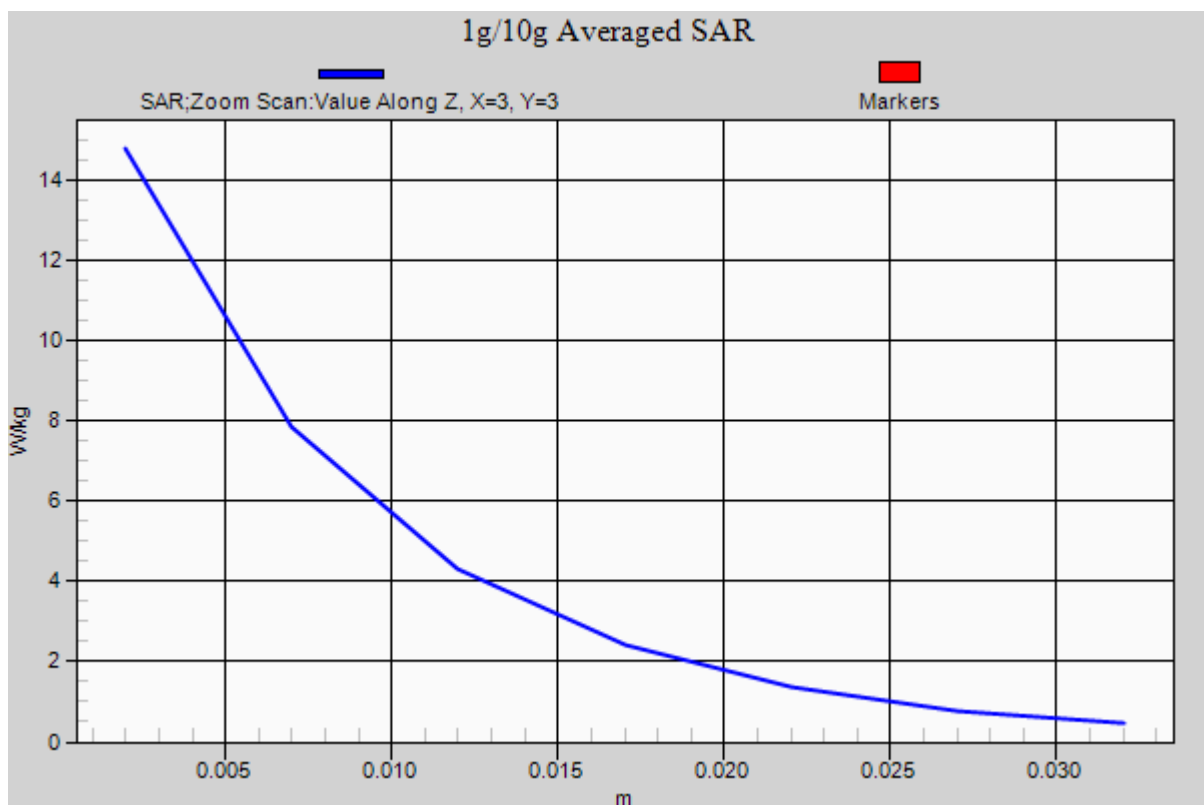
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 19.1 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.25 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.515$  S/m;  $\epsilon_r = 52.893$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

### **1900 MHz System Verification**

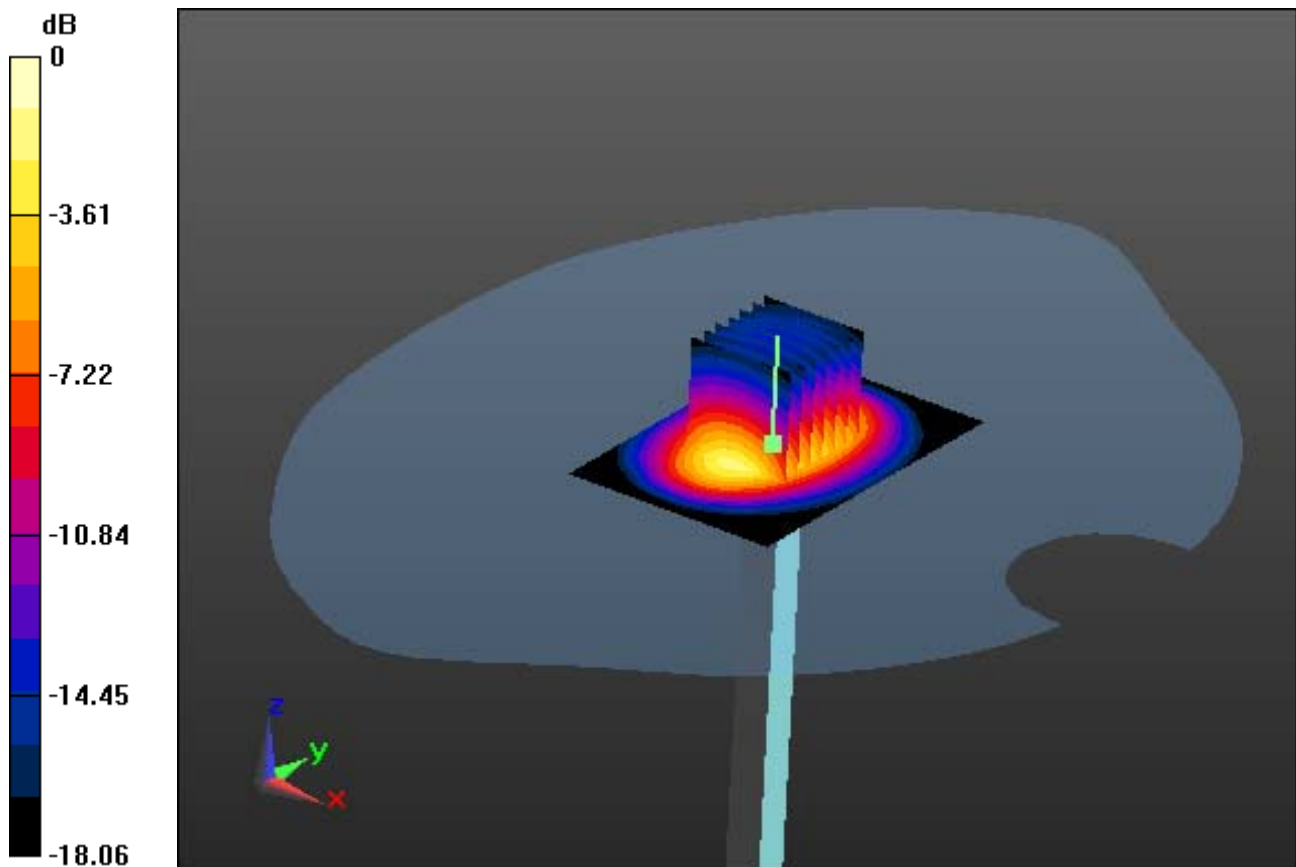
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 20.4 W/kg

**SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.24 W/kg**



0 dB = 15.8 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.515$  S/m;  $\epsilon_r = 52.893$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

### **1900 MHz System Verification**

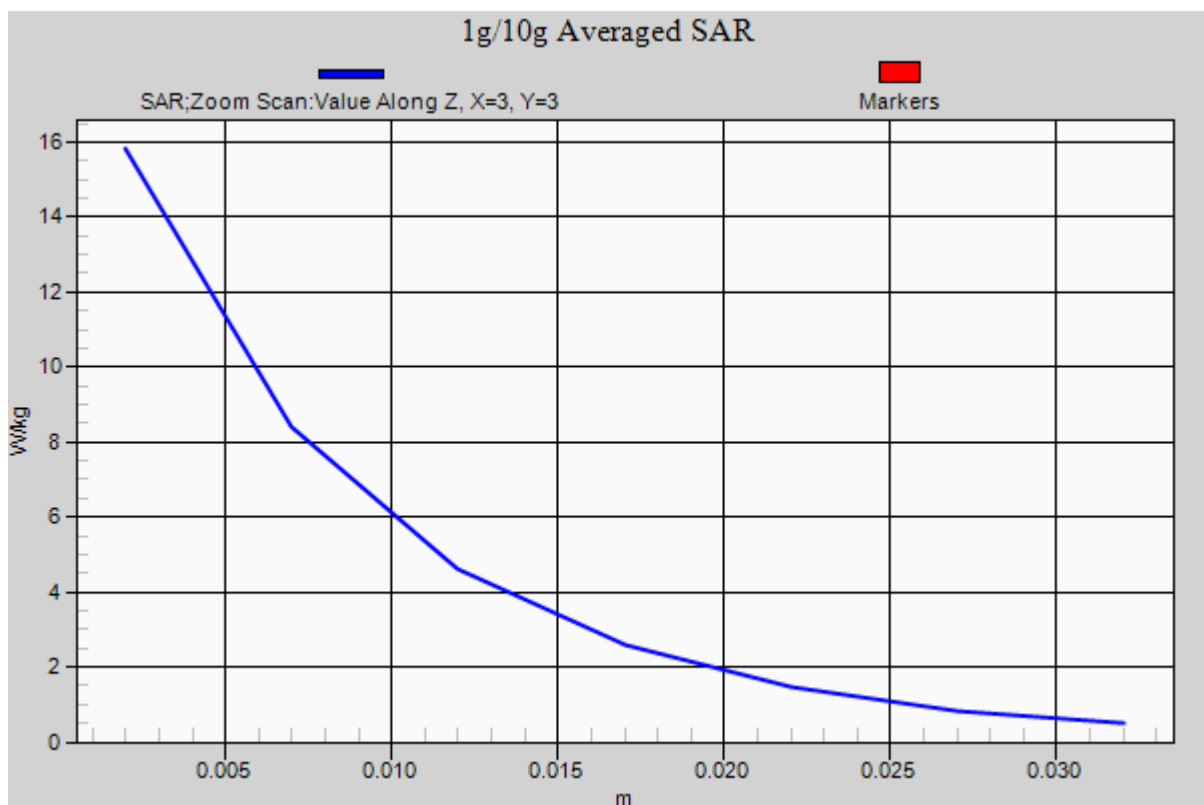
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 20.4 W/kg

**SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.24 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 40.924$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

### **750 MHz System Verification**

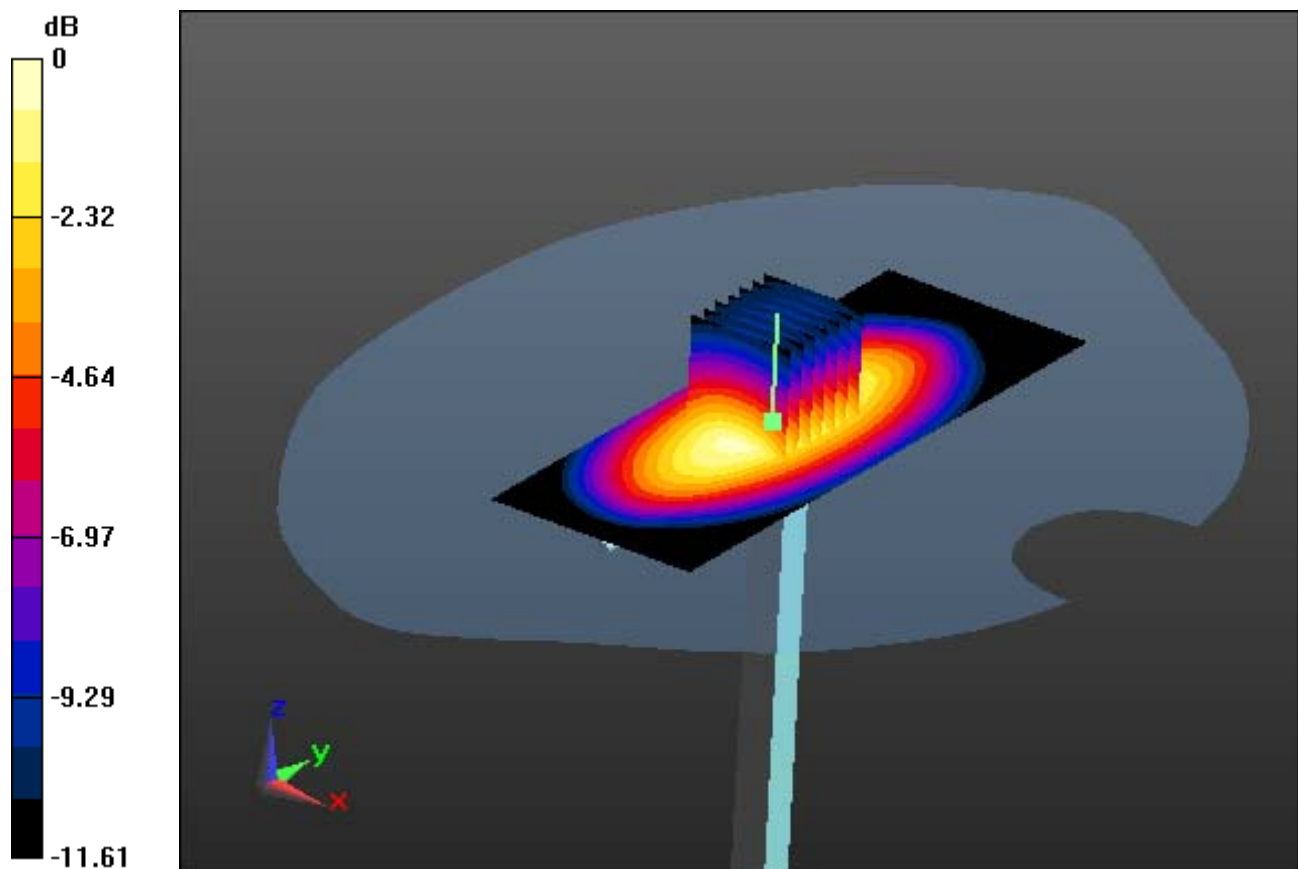
**Area Scan (41x111x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 3.53 W/kg

**SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.35 W/kg**



0 dB = 2.96 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.894 \text{ S/m}$ ;  $\epsilon_r = 40.924$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

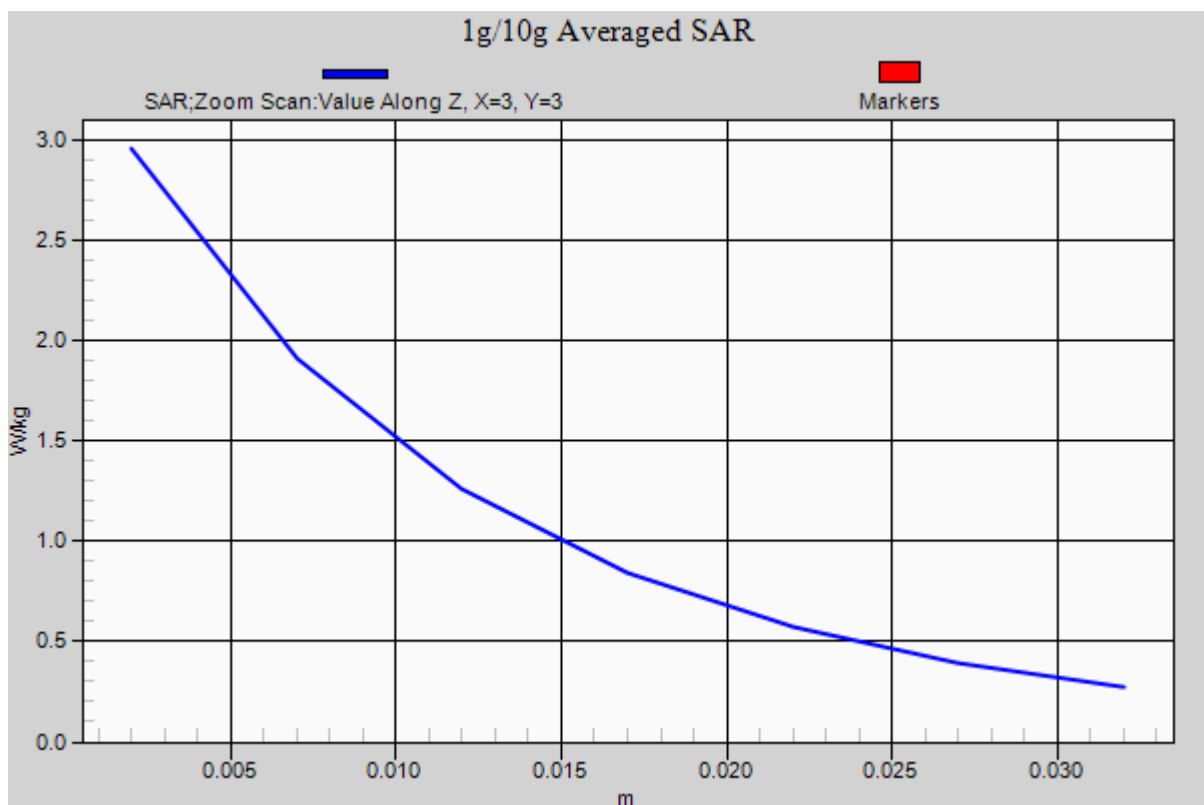
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

### **750 MHz System Verification**

**Area Scan (41x111x1):** 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 = 0.07 dB  
Peak SAR (extrapolated) = 3.53 W/kg  
**SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.35 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.965 \text{ S/m}$ ;  $\epsilon_r = 55.313$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

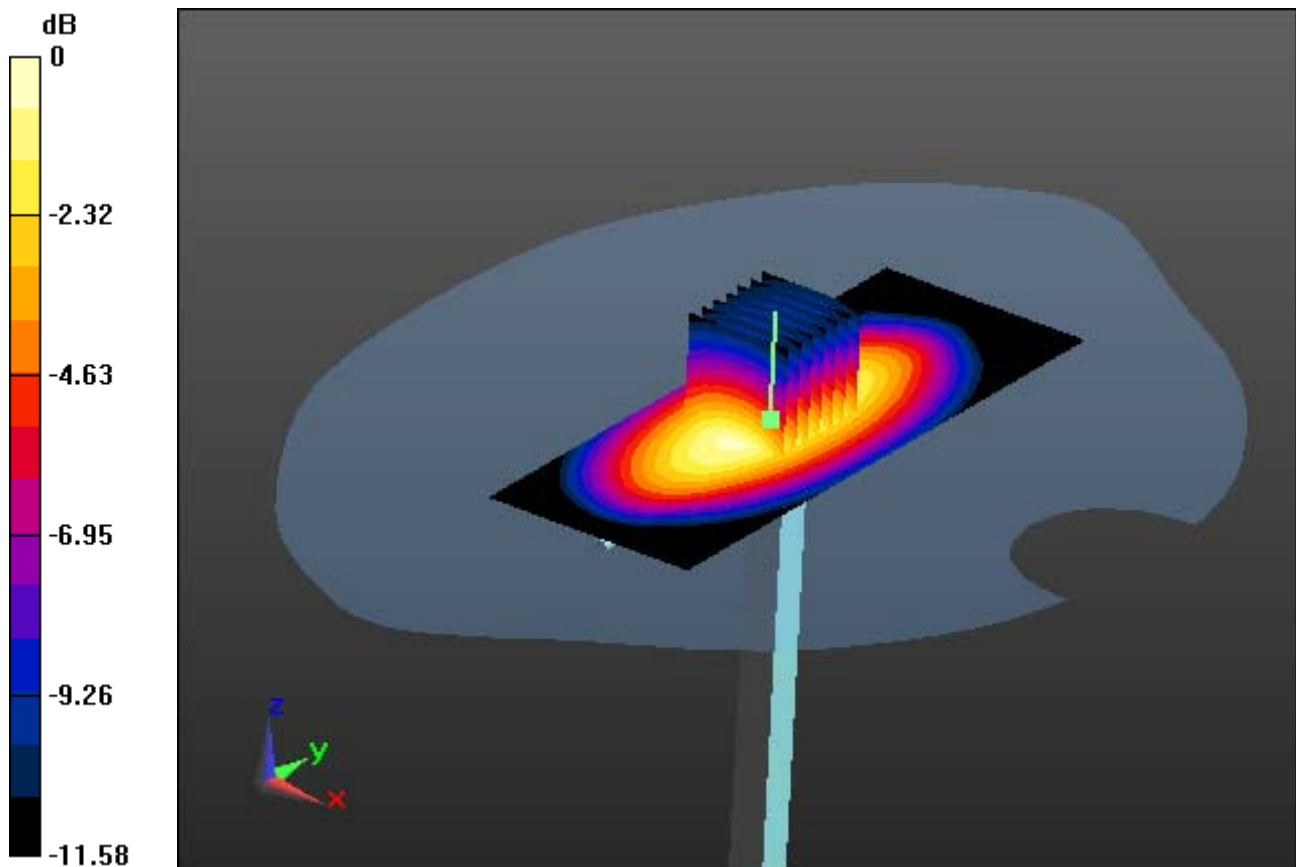
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

### **750 MHz System Verification**

**Area Scan (41x111x1):** 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) = 3.98 W/kg  
**SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.46 W/kg**



0 dB = 3.36 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.965 \text{ S/m}$ ;  $\epsilon_r = 55.313$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

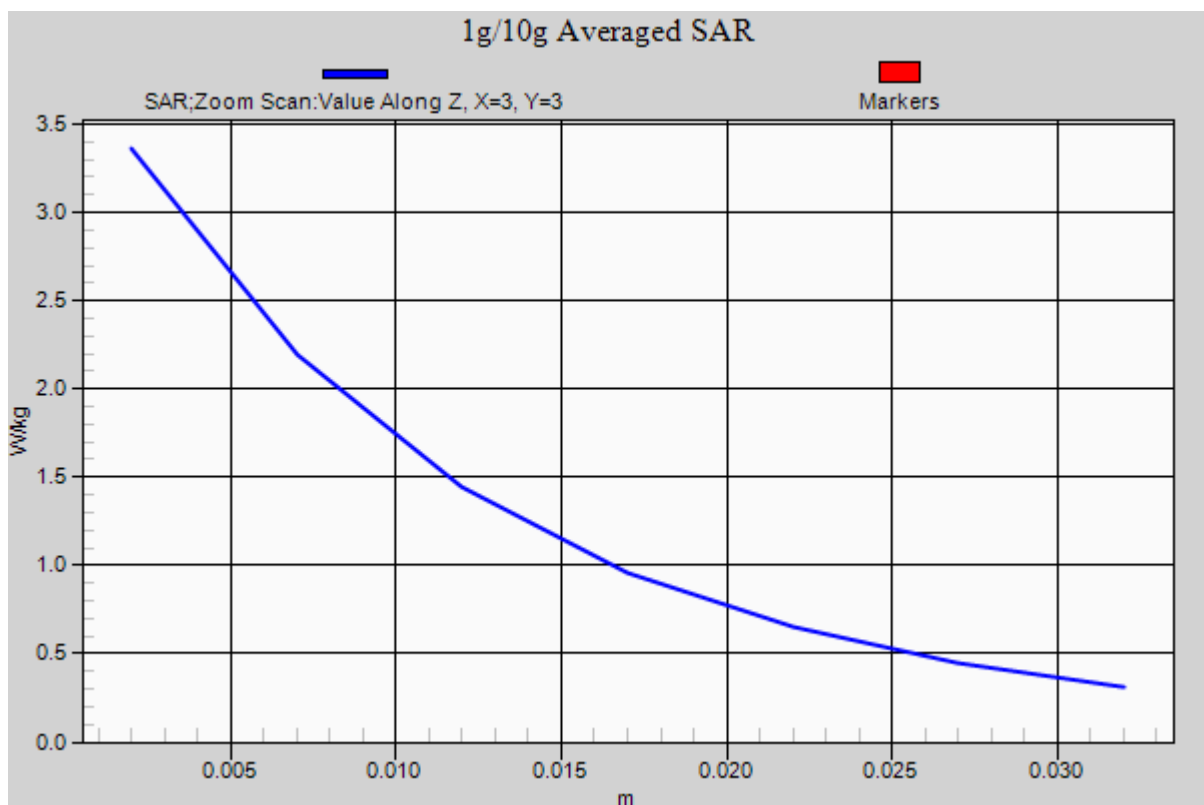
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

### **750 MHz System Verification**

**Area Scan (41x111x1):** 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) = 3.98 W/kg  
**SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.46 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 41.313$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

### **750 MHz System Verification**

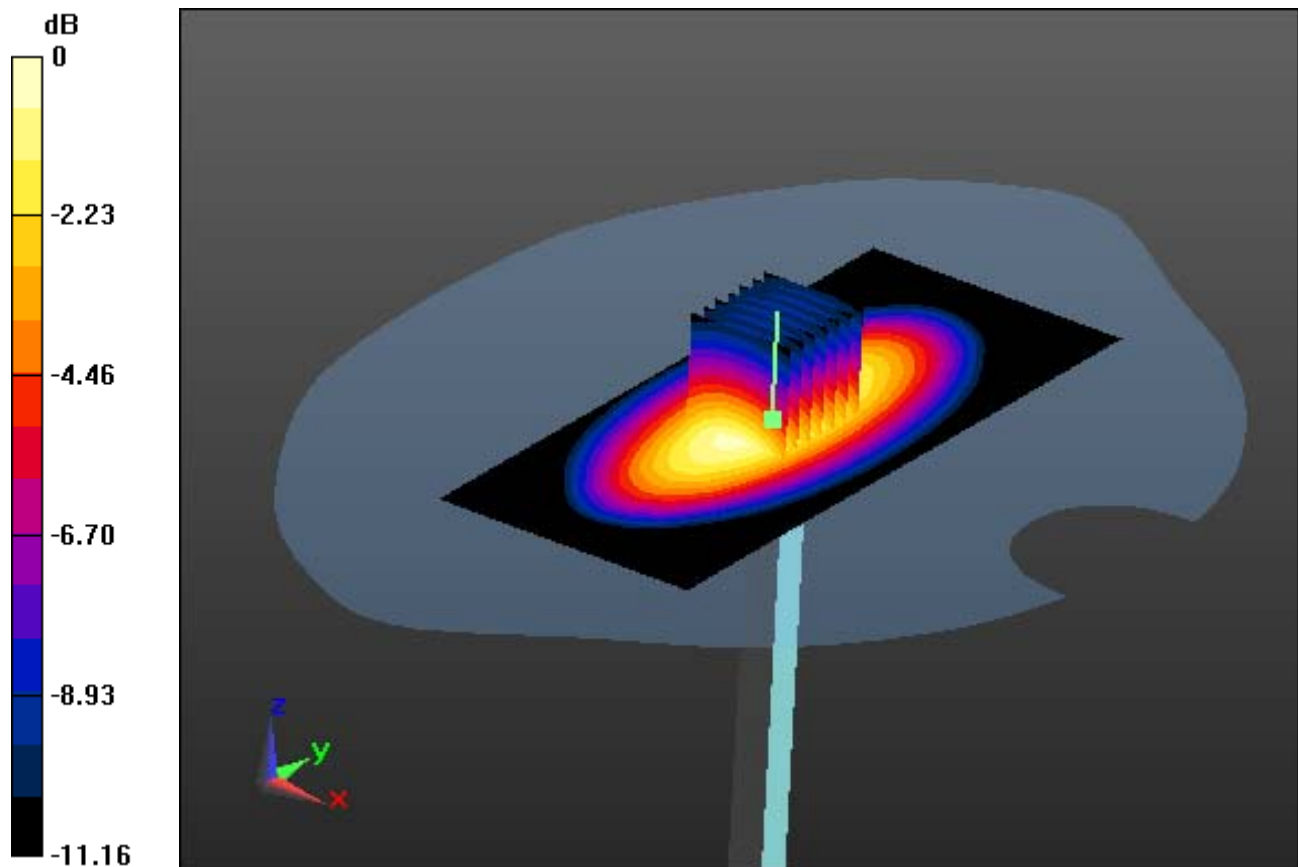
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.28 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.4 W/kg**



0 dB = 2.77 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 41.313$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

### **750 MHz System Verification**

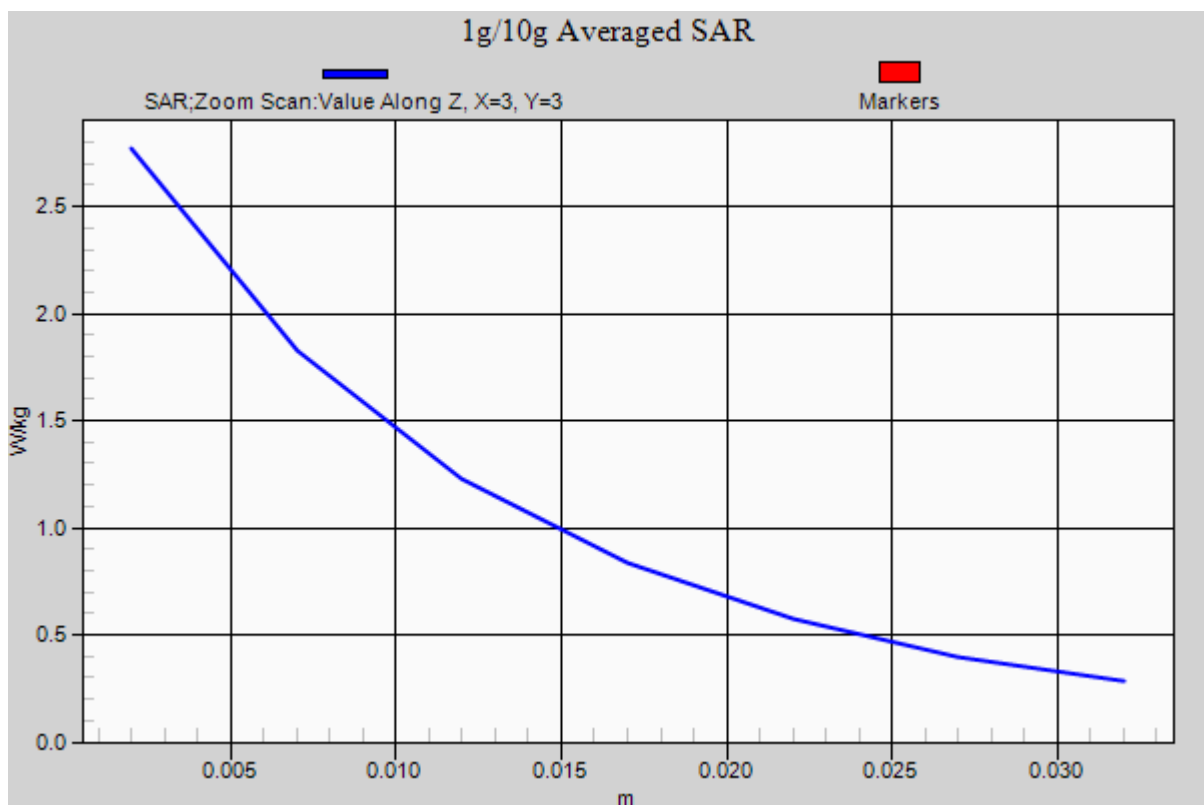
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.28 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.4 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.959 \text{ S/m}$ ;  $\epsilon_r = 55.183$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

### **750 MHz System Verification**

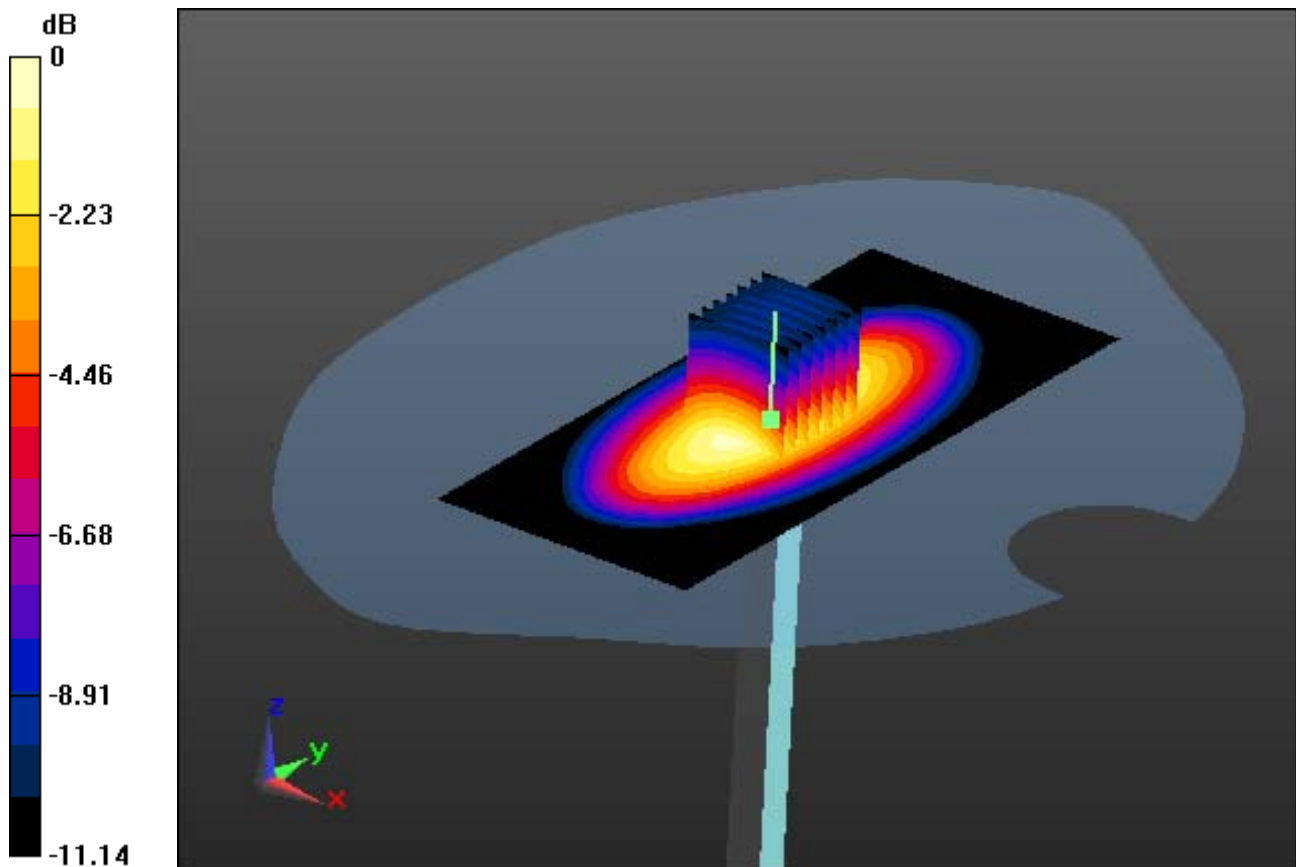
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.87 W/kg

**SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.51 W/kg**



0 dB = 3.30 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.959 \text{ S/m}$ ;  $\epsilon_r = 55.183$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

### **750 MHz System Verification**

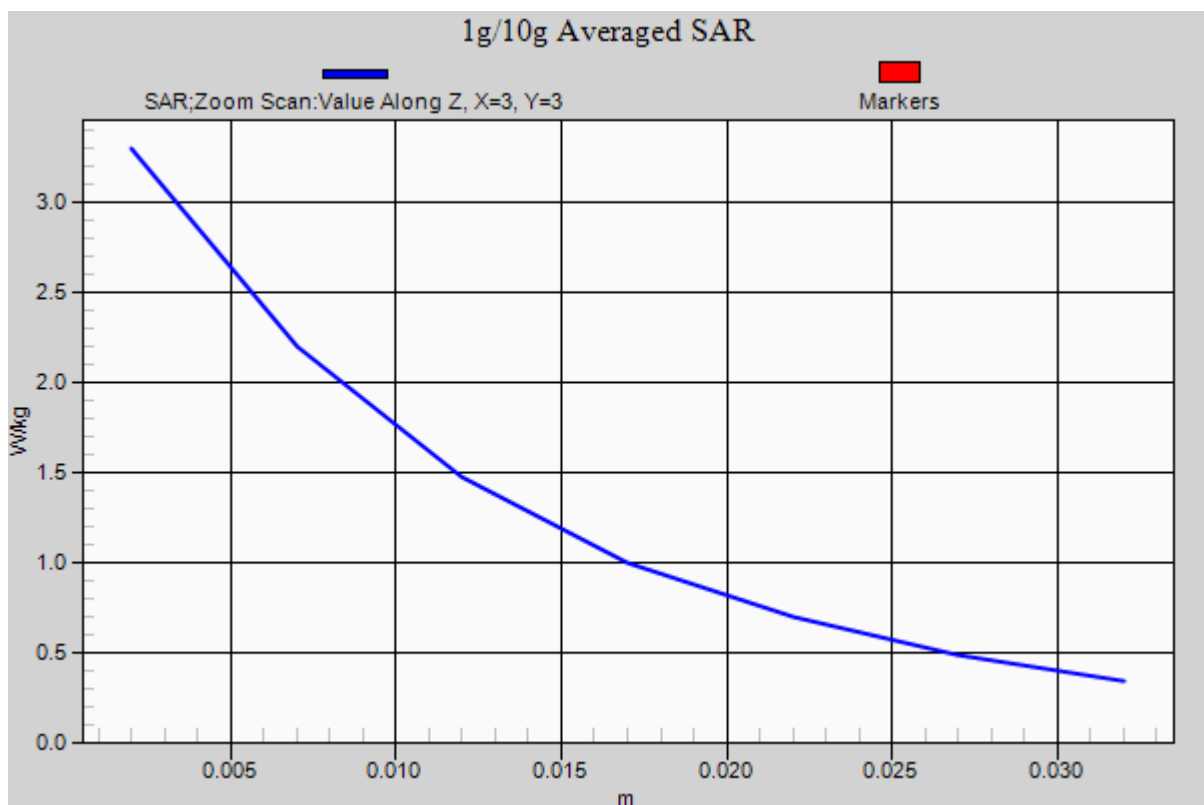
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.87 W/kg

**SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.51 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 40.305$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

### **835 MHz System Verification**

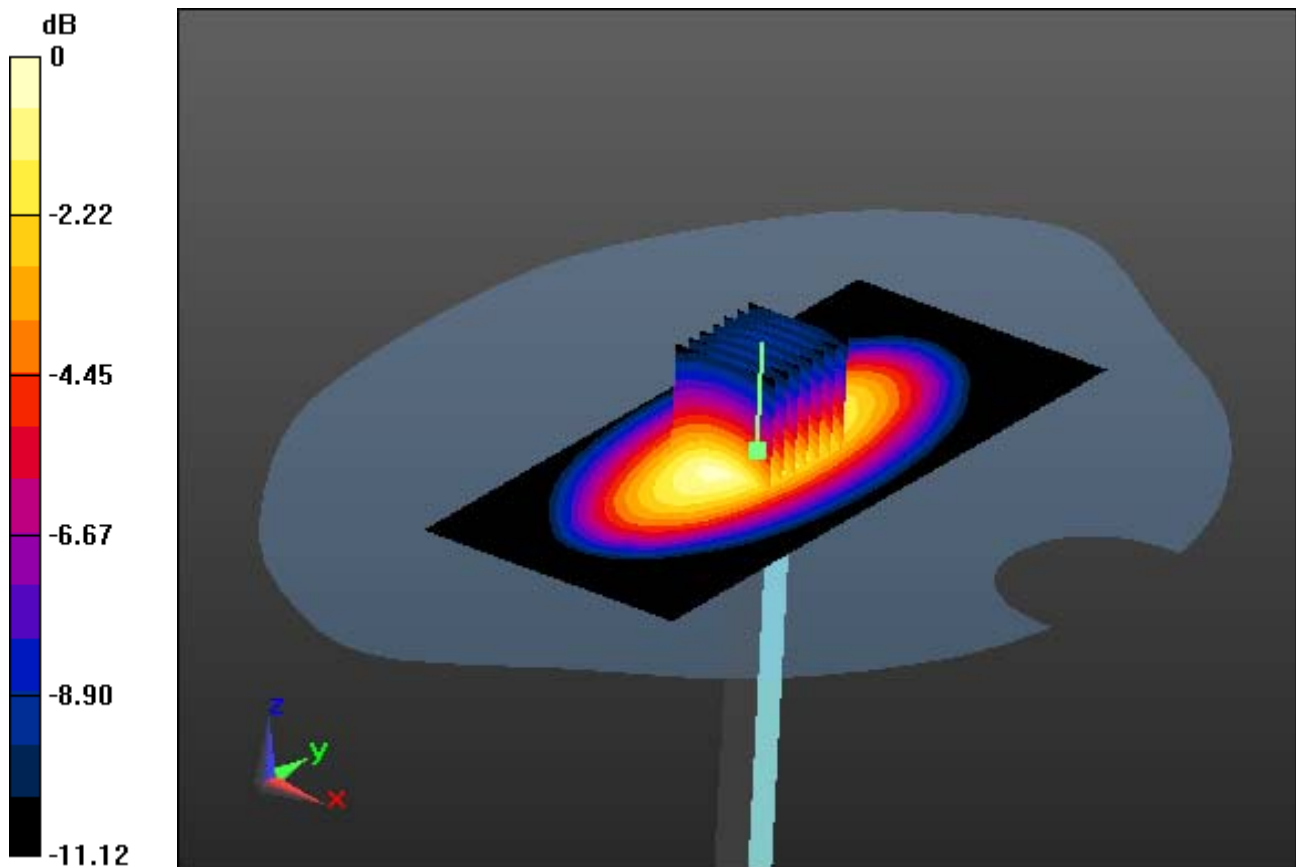
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.56 W/kg

**SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.53 W/kg**



0 dB = 3.03 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 40.305$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

### **835 MHz System Verification**

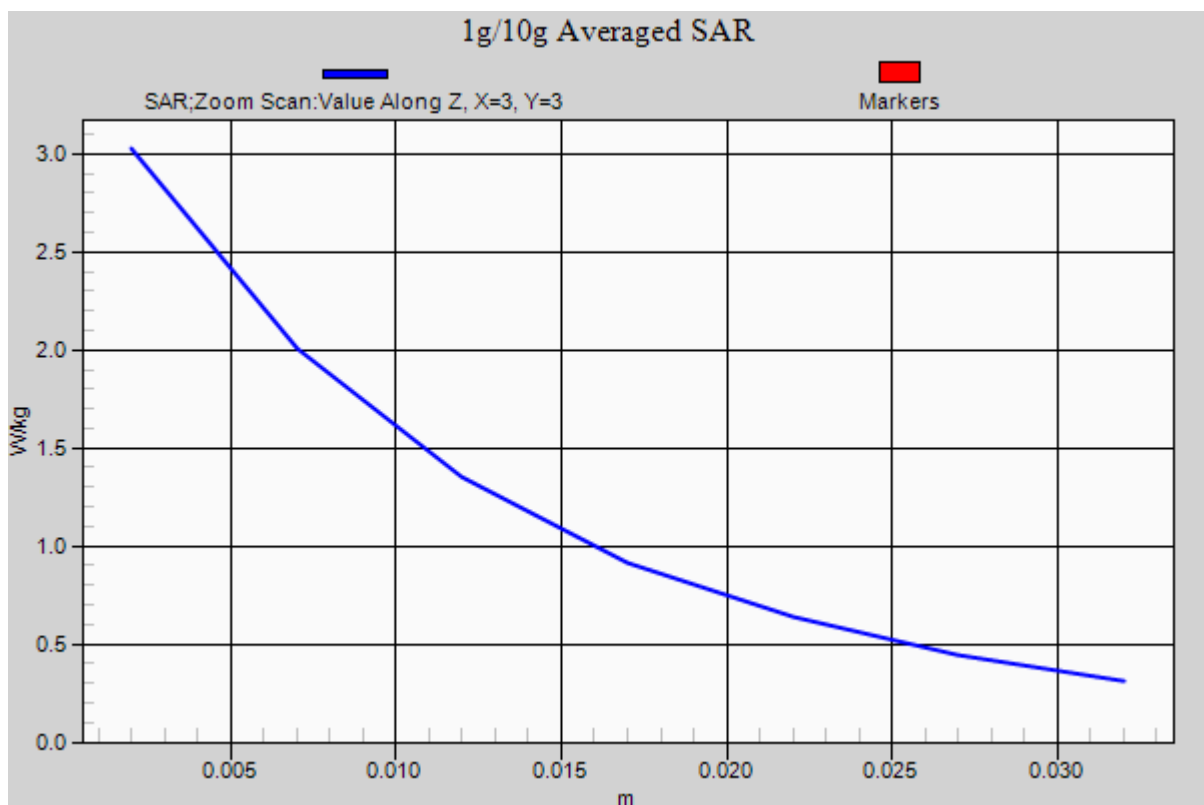
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.56 W/kg

**SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.53 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.996 \text{ S/m}$ ;  $\epsilon_r = 53.493$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

### **835 MHz System Verification**

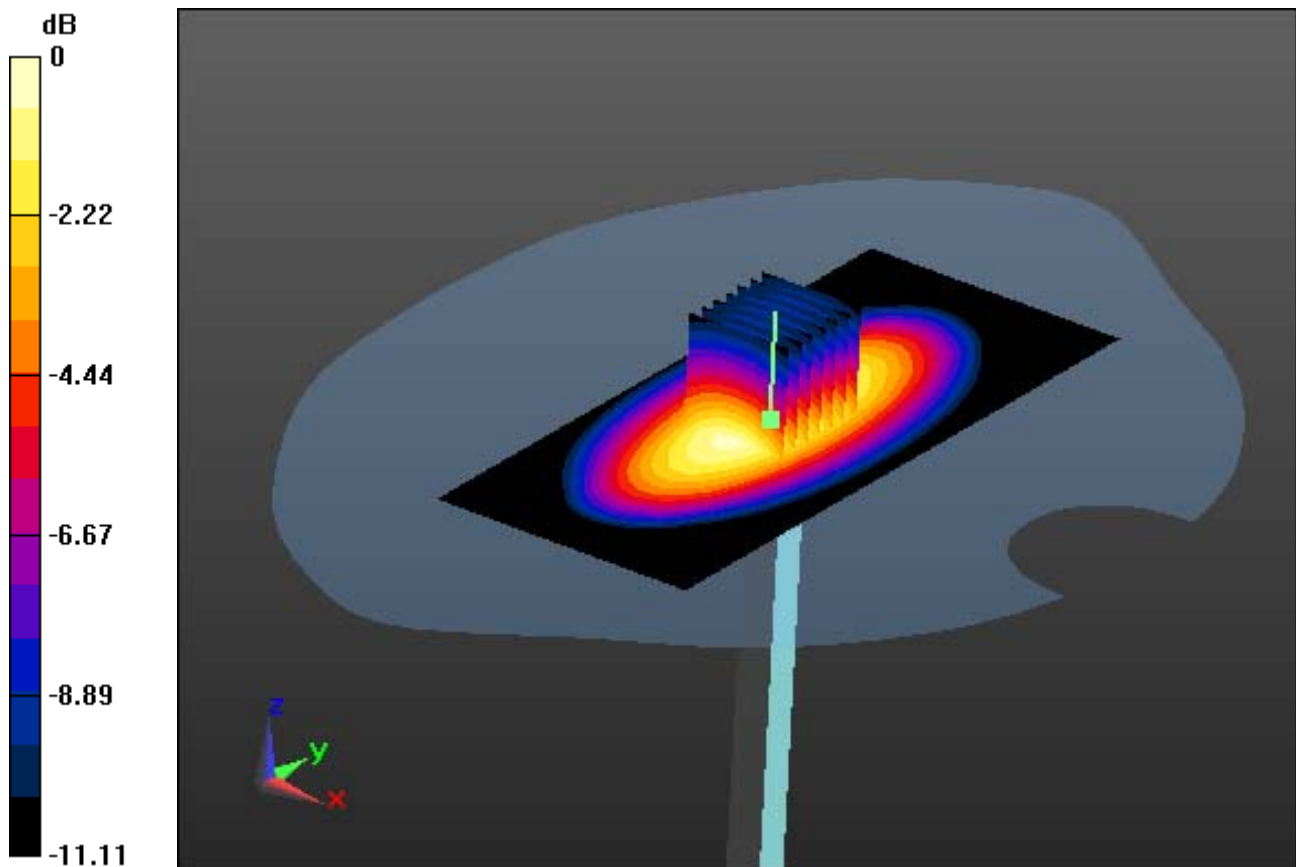
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**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) = 4.05 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.55 W/kg**



0 dB = 3.45 W/kg



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.996 \text{ S/m}$ ;  $\epsilon_r = 53.493$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

### **835 MHz System Verification**

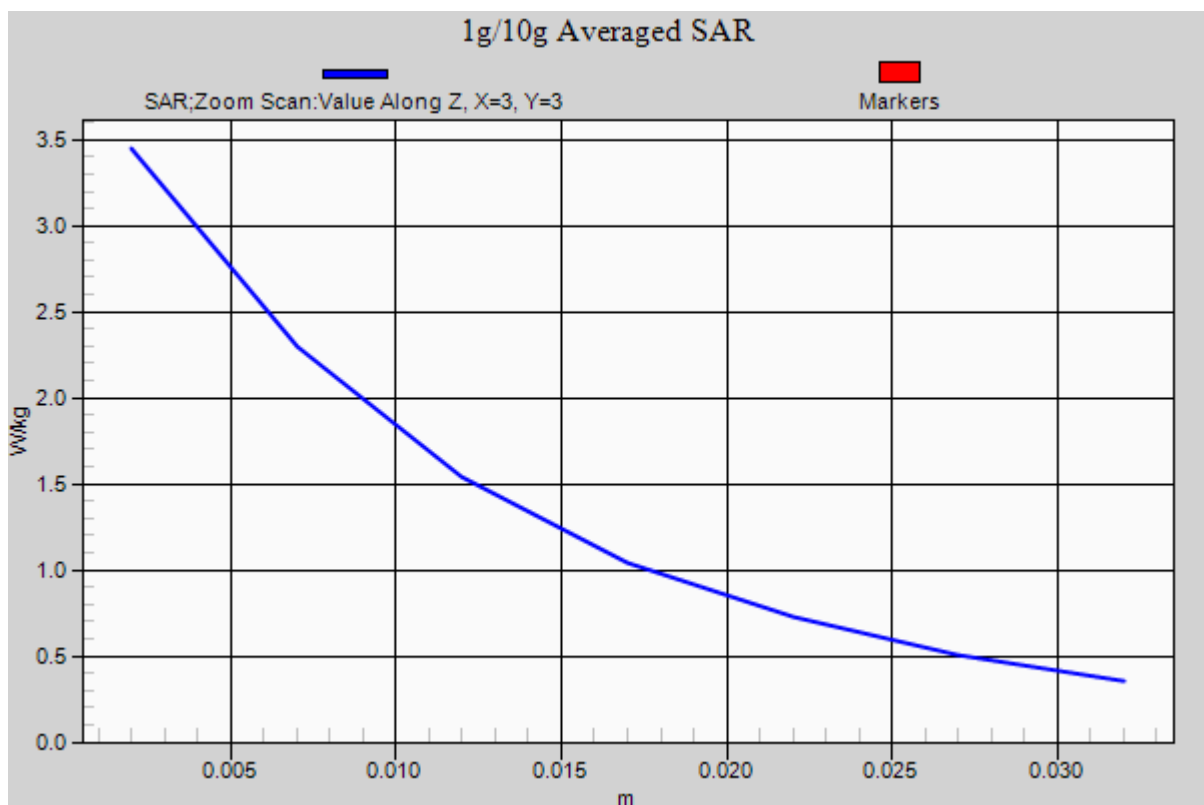
**Area Scan (51x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**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) = 4.05 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.55 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800 \text{ MHz}$ ;  $\sigma = 1.427 \text{ S/m}$ ;  $\epsilon_r = 38.853$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

### **1800 MHz System Verification**

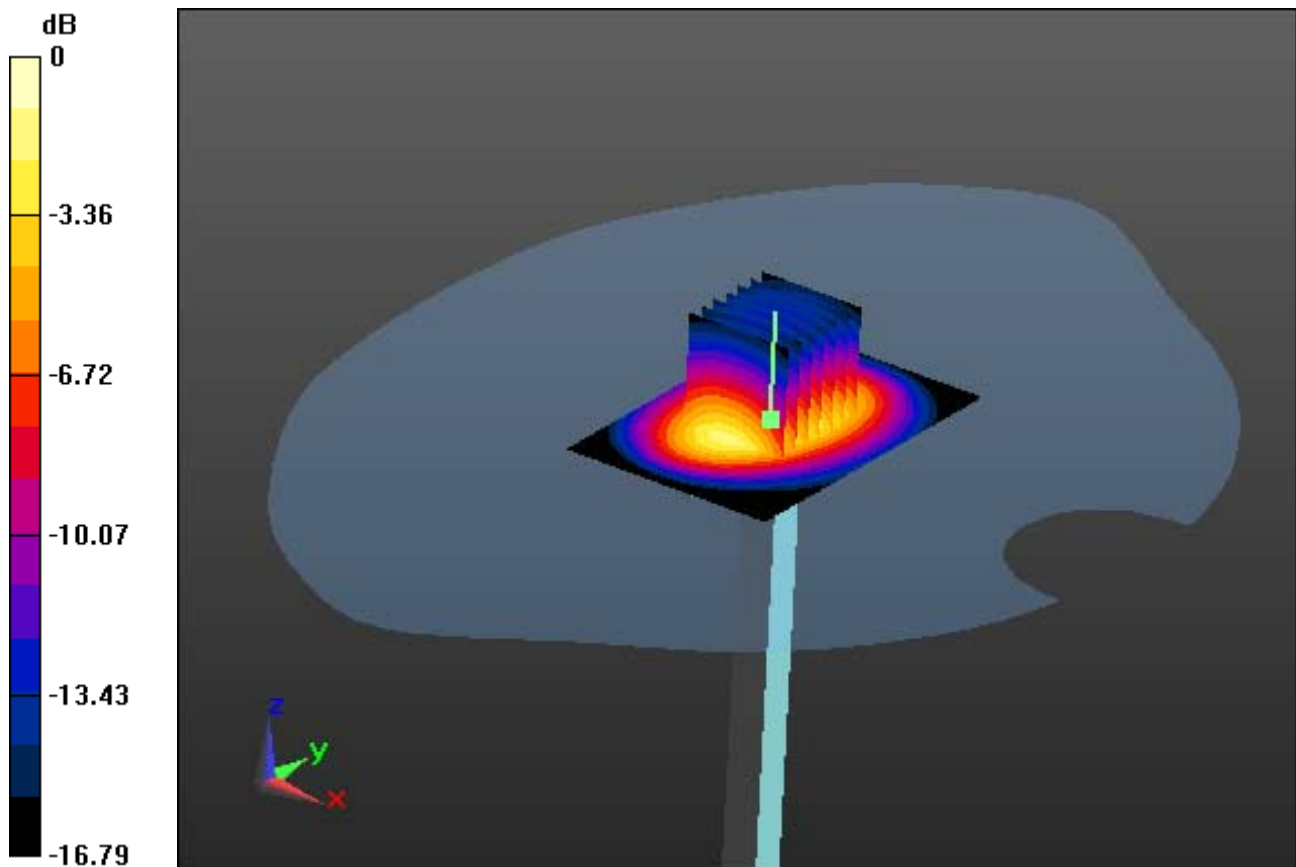
**Area Scan (61x91x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 9.73 W/kg; SAR(10 g) = 5.14 W/kg**



0 dB = 12.2 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 38.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

### **1800 MHz System Verification**

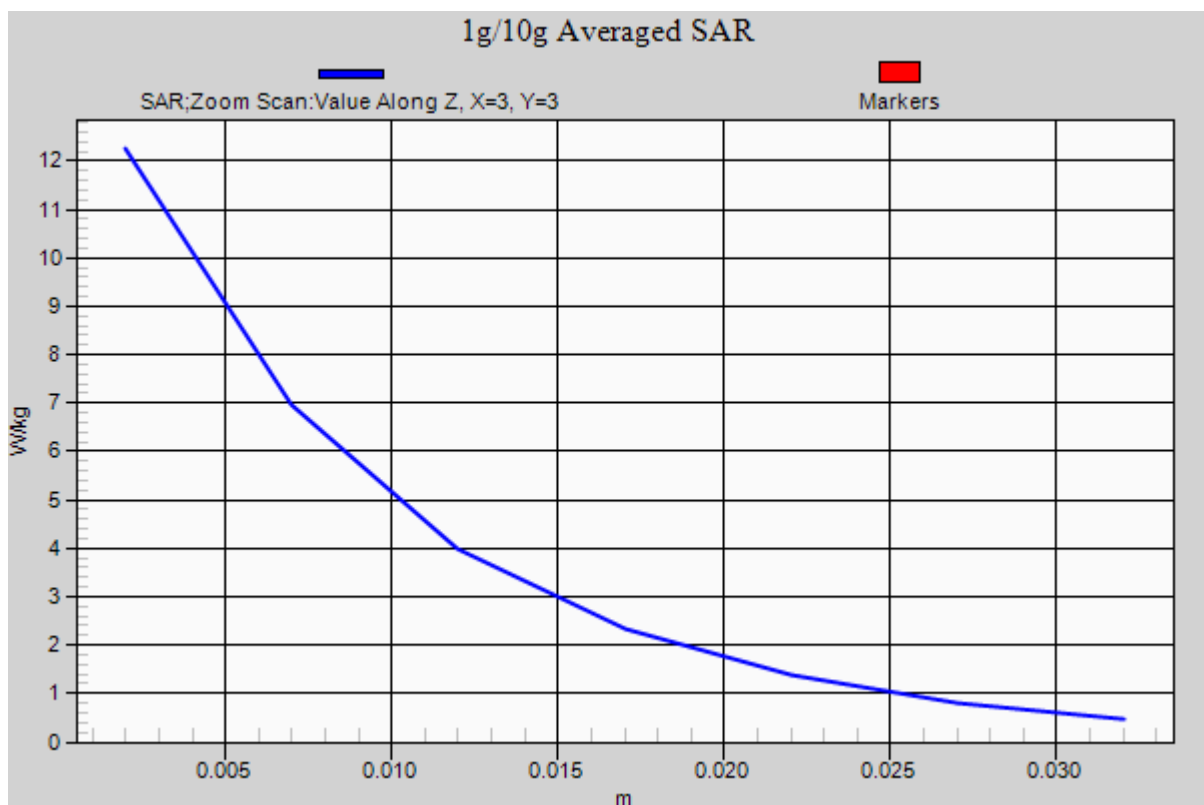
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 9.73 W/kg; SAR(10 g) = 5.14 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.535$  S/m;  $\epsilon_r = 53.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

### **1800 MHz System Verification**

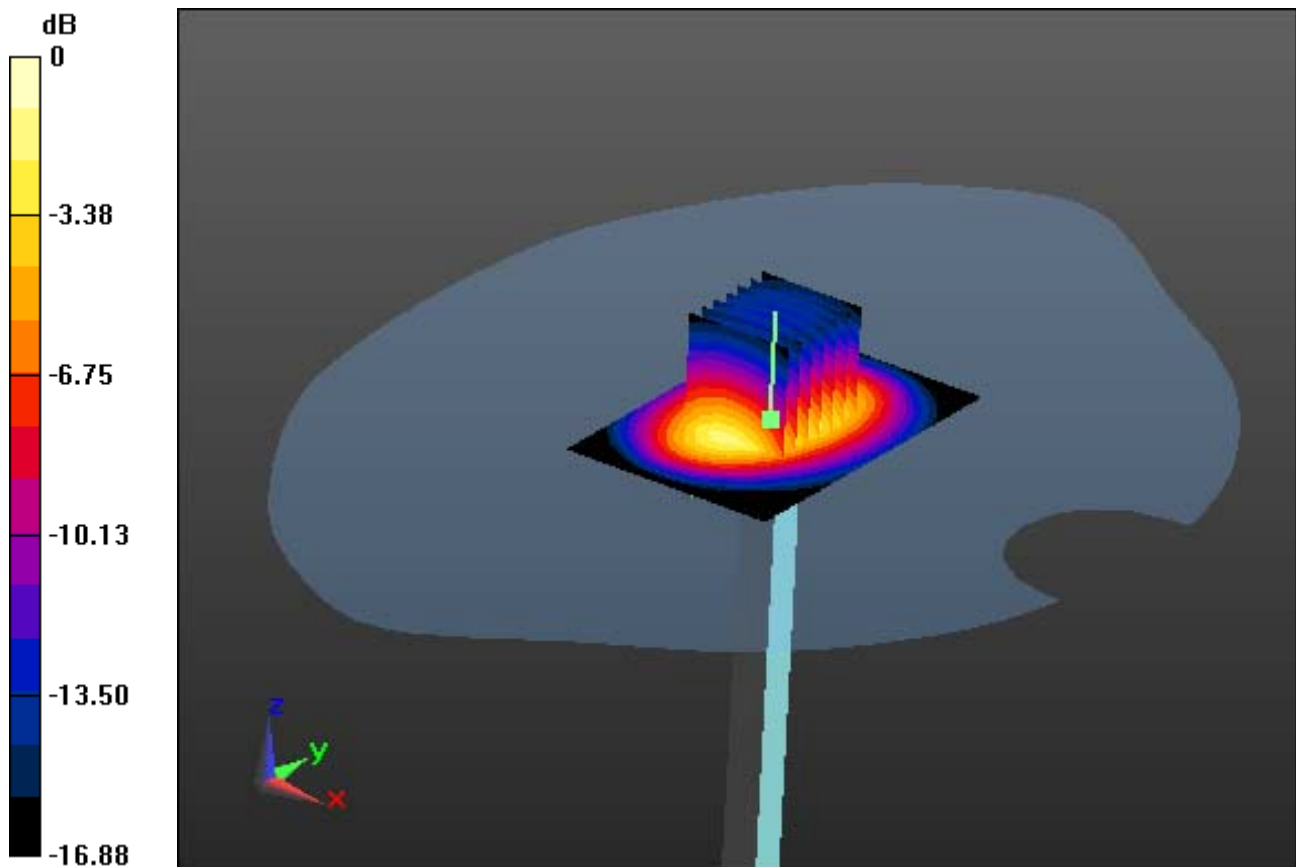
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.79 W/kg; SAR(10 g) = 5.18 W/kg



0 dB = 14.4 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.535$  S/m;  $\epsilon_r = 53.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

### **1800 MHz System Verification**

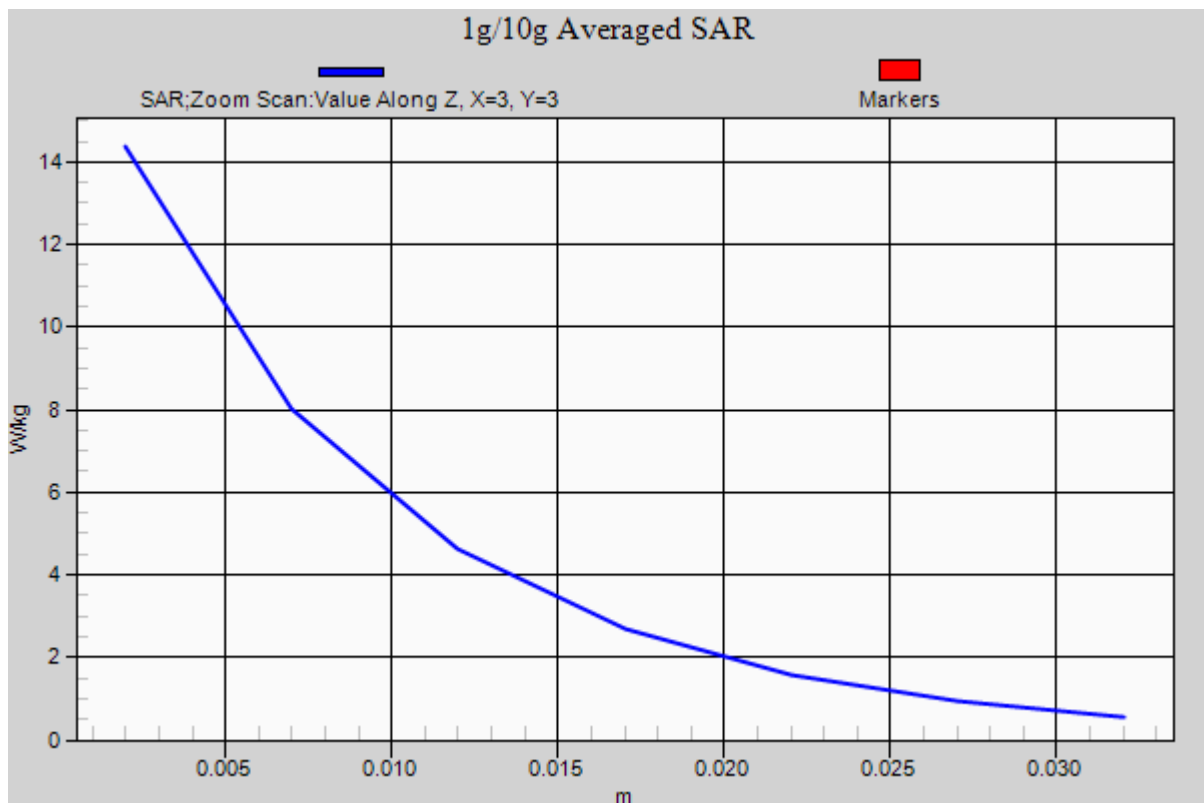
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.2 W/kg

**SAR(1 g) = 9.79 W/kg; SAR(10 g) = 5.18 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 39.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

### **1900 MHz System Verification**

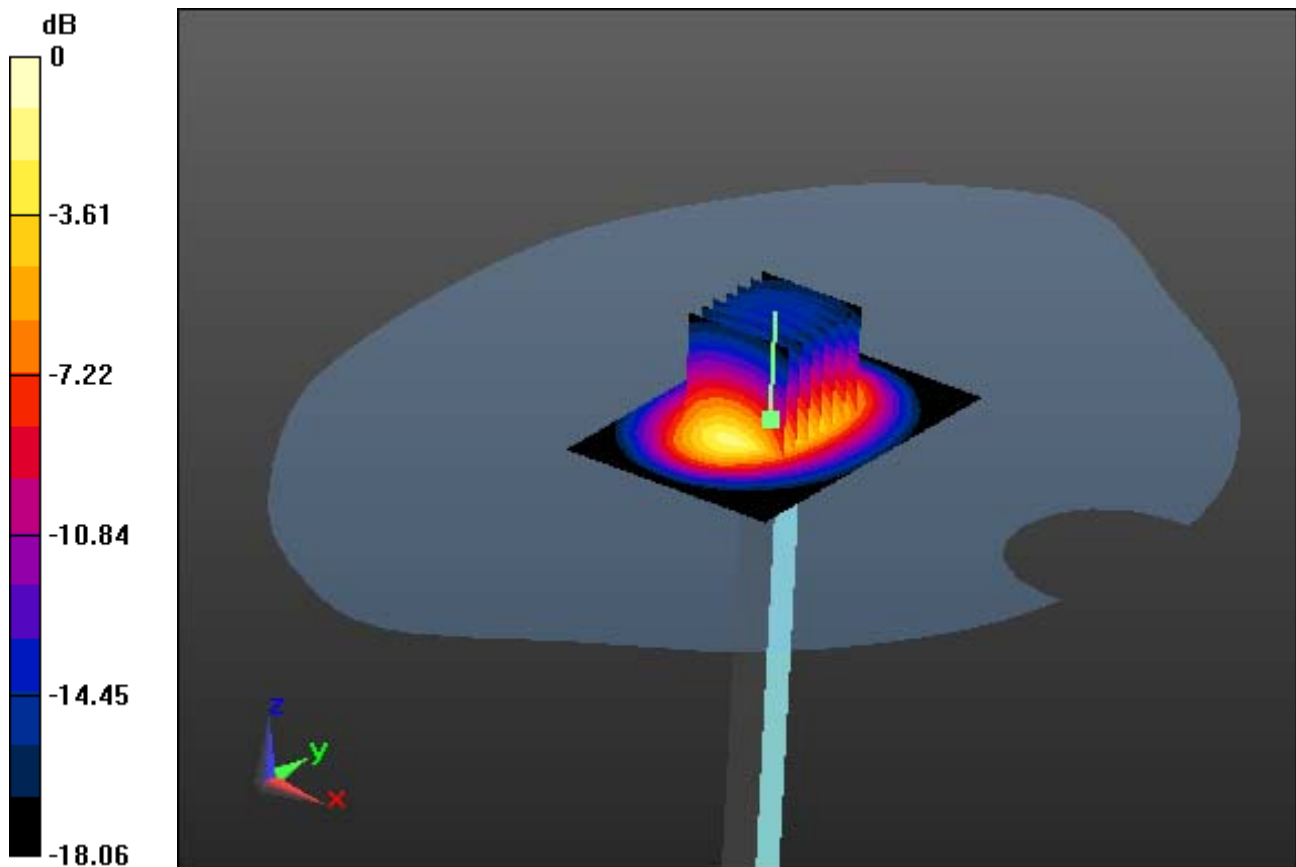
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.2 W/kg

**SAR(1 g) = 9.67 W/kg; SAR(10 g) = 5 W/kg**



0 dB = 14.1 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.417$  S/m;  $\epsilon_r = 39.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

### **1900 MHz System Verification**

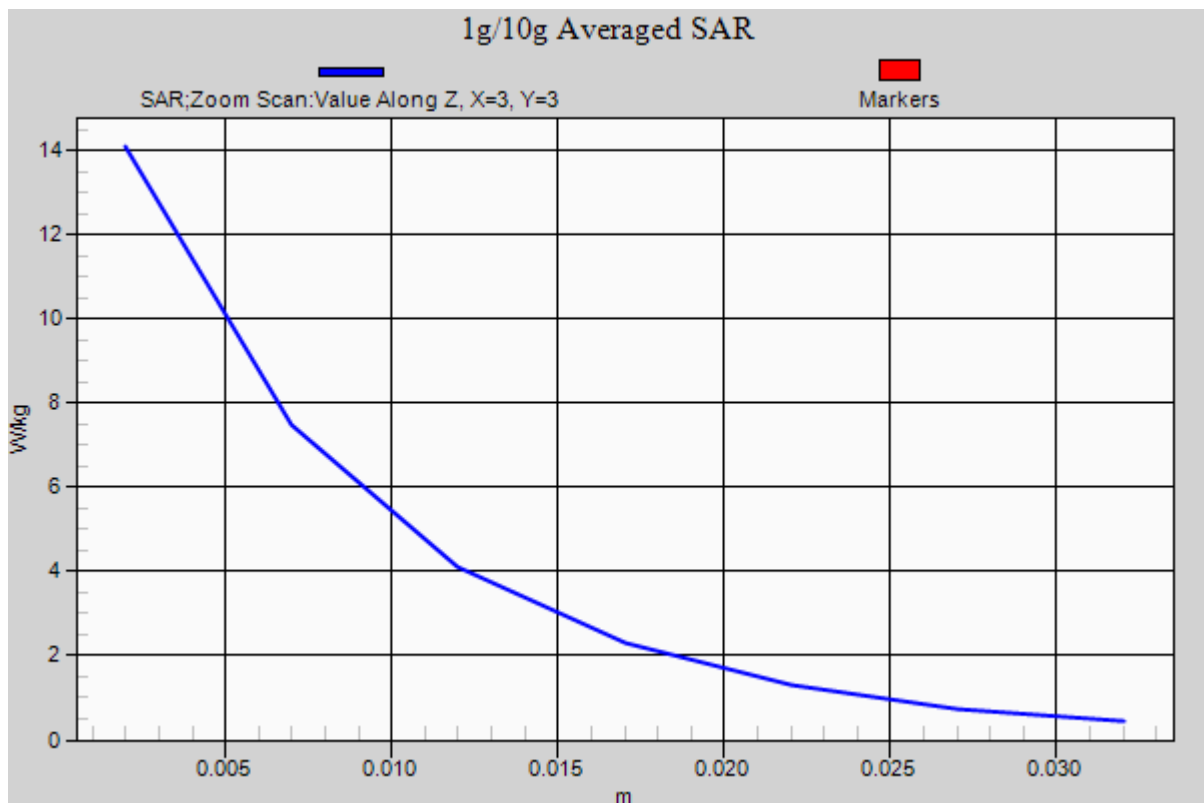
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.2 W/kg

**SAR(1 g) = 9.67 W/kg; SAR(10 g) = 5 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 51.554$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

### **1900 MHz System Verification**

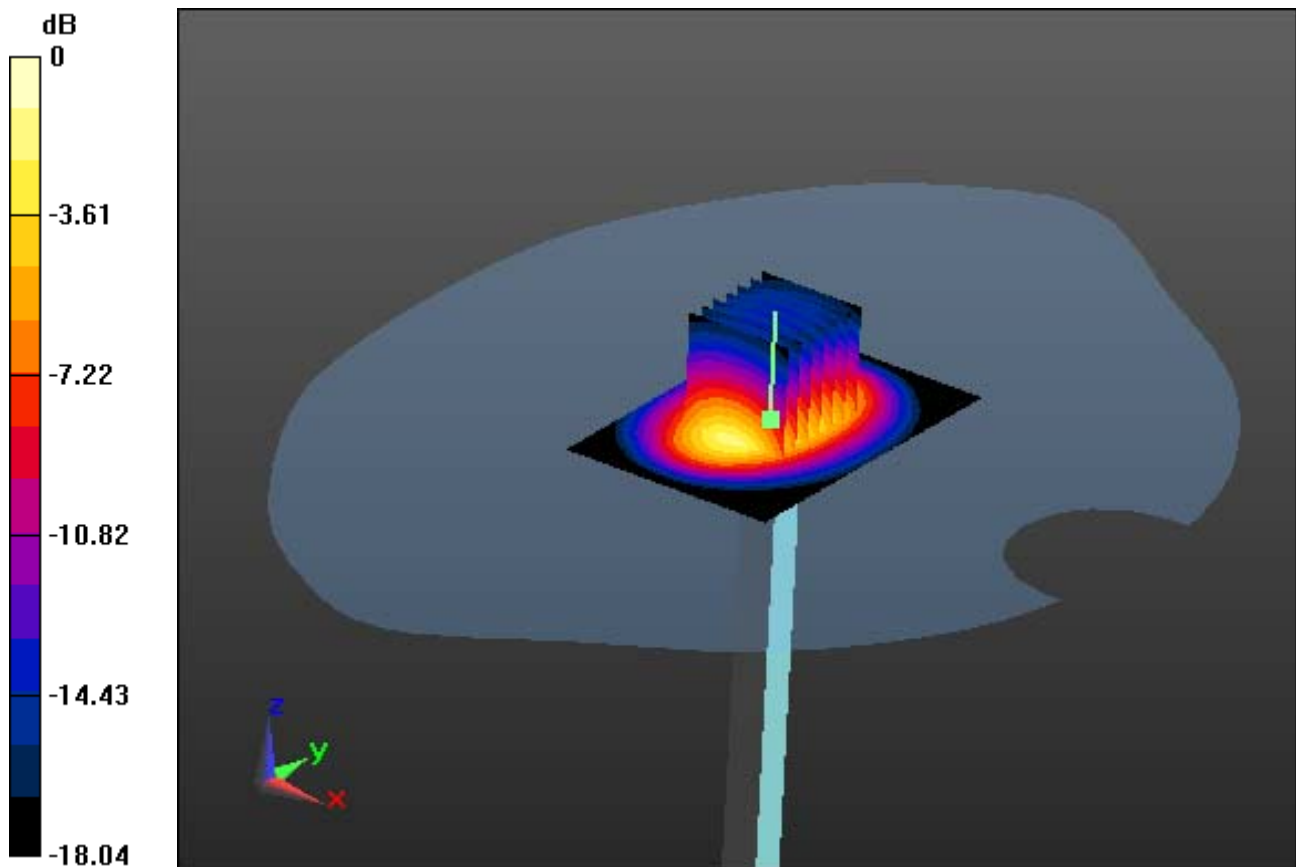
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 21.3 W/kg

**SAR(1 g) = 9.98 W/kg; SAR(10 g) = 5.29 W/kg**



0 dB = 16.5 W/kg



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.54$  S/m;  $\epsilon_r = 51.554$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

### **1900 MHz System Verification**

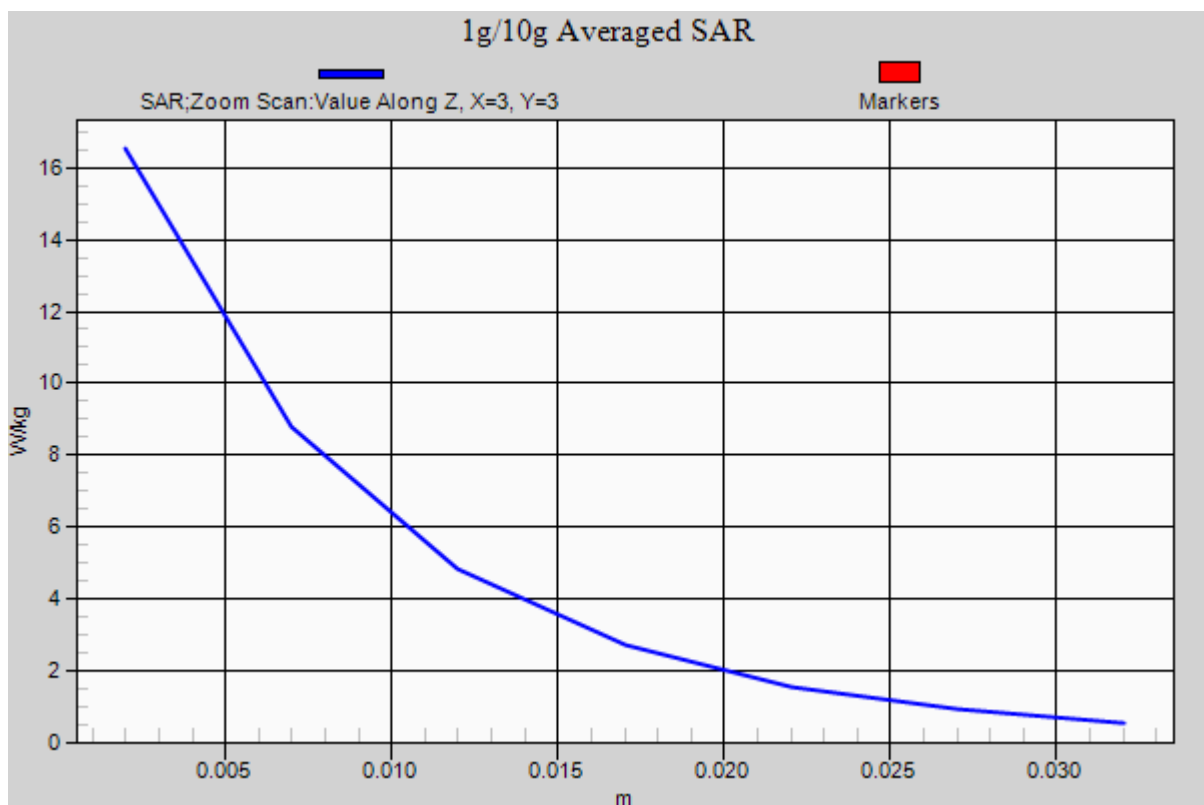
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 21.3 W/kg

**SAR(1 g) = 9.98 W/kg; SAR(10 g) = 5.29 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.861$  S/m;  $\epsilon_r = 40.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

### **2450 MHz System Verification**

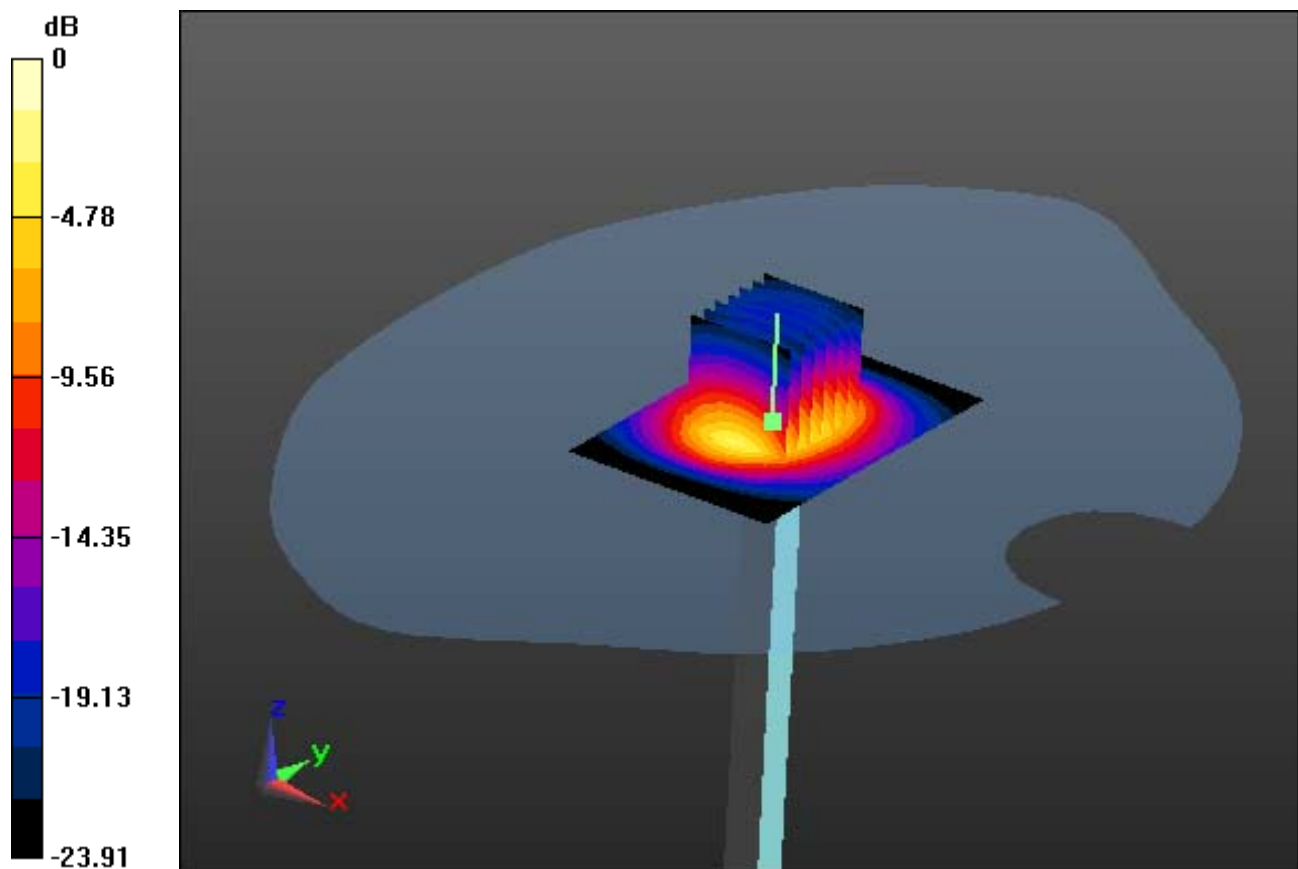
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.19 W/kg



0 dB = 22.0 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.861$  S/m;  $\epsilon_r = 40.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

### **2450 MHz System Verification**

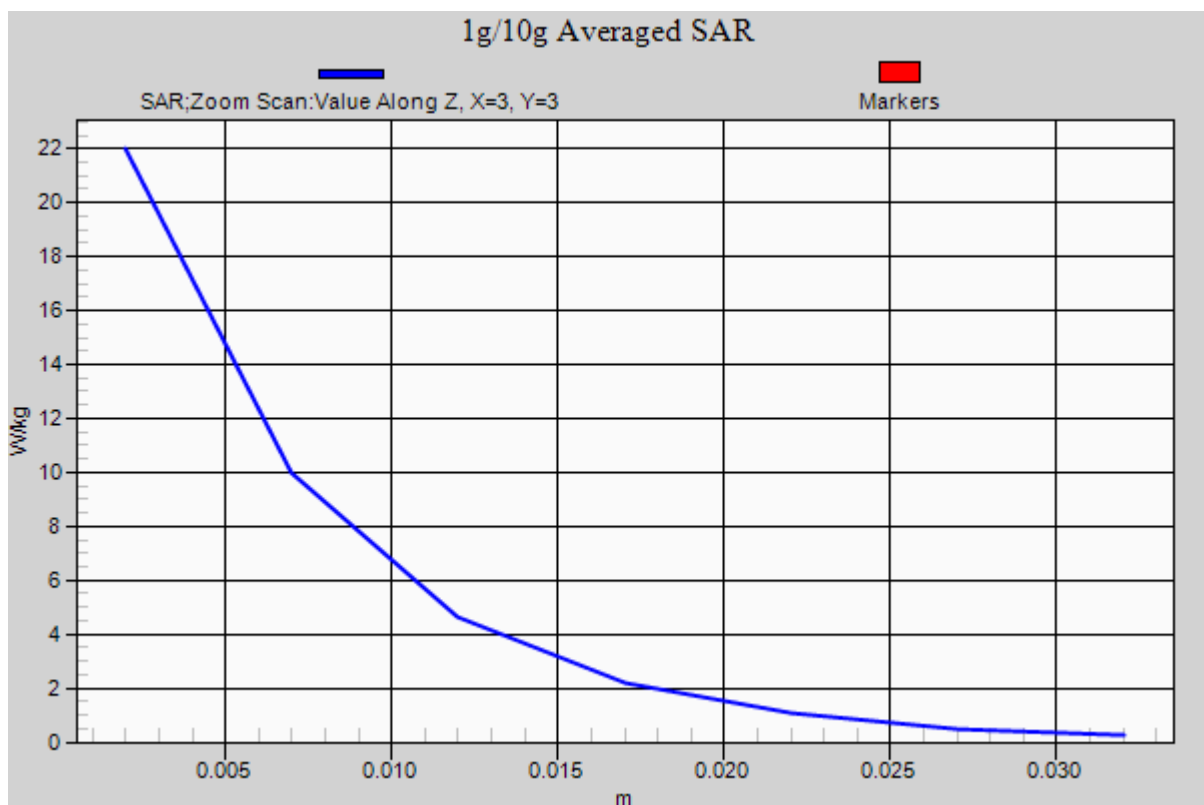
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 30.6 W/kg

**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.19 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 51.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.00, 7.00, 7.00); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

### **2450 MHz System Verification**

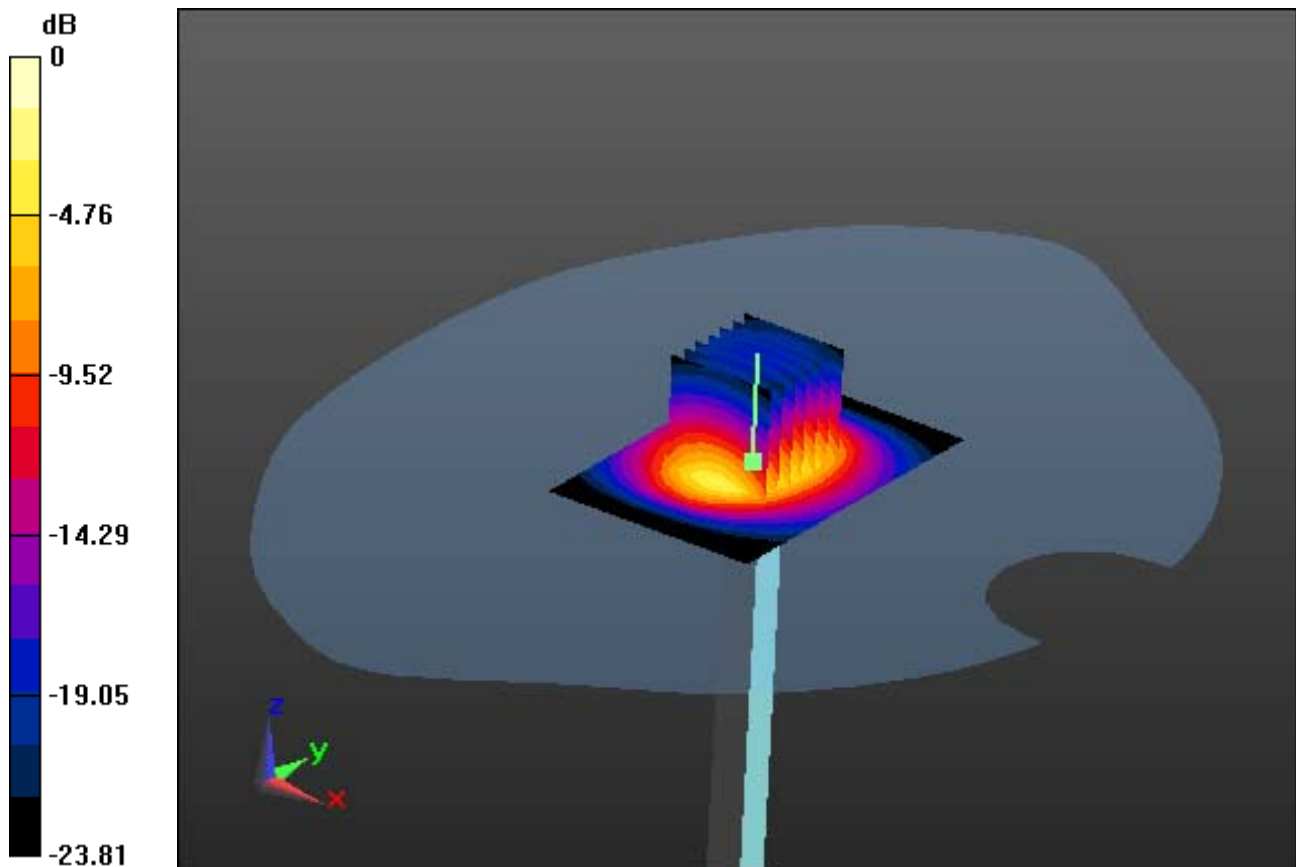
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 31.8 W/kg

**SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.93 W/kg**



0 dB = 22.8 W/kg

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 51.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.00, 7.00, 7.00); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

### **2450 MHz System Verification**

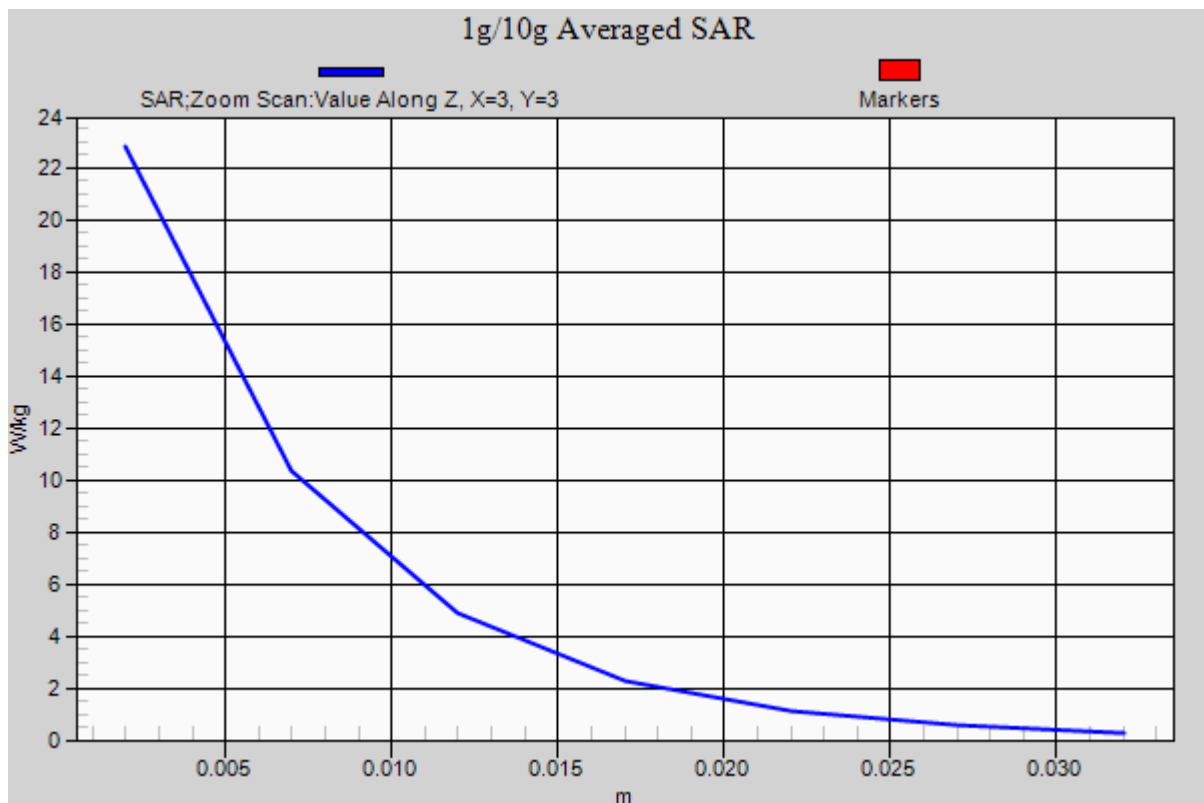
**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 31.8 W/kg

**SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.93 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.807$  S/m;  $\epsilon_r = 37.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-29; Ambient Temp: 21.4 Tissue Temp: 21.9

### **5300 MHz System Verification**

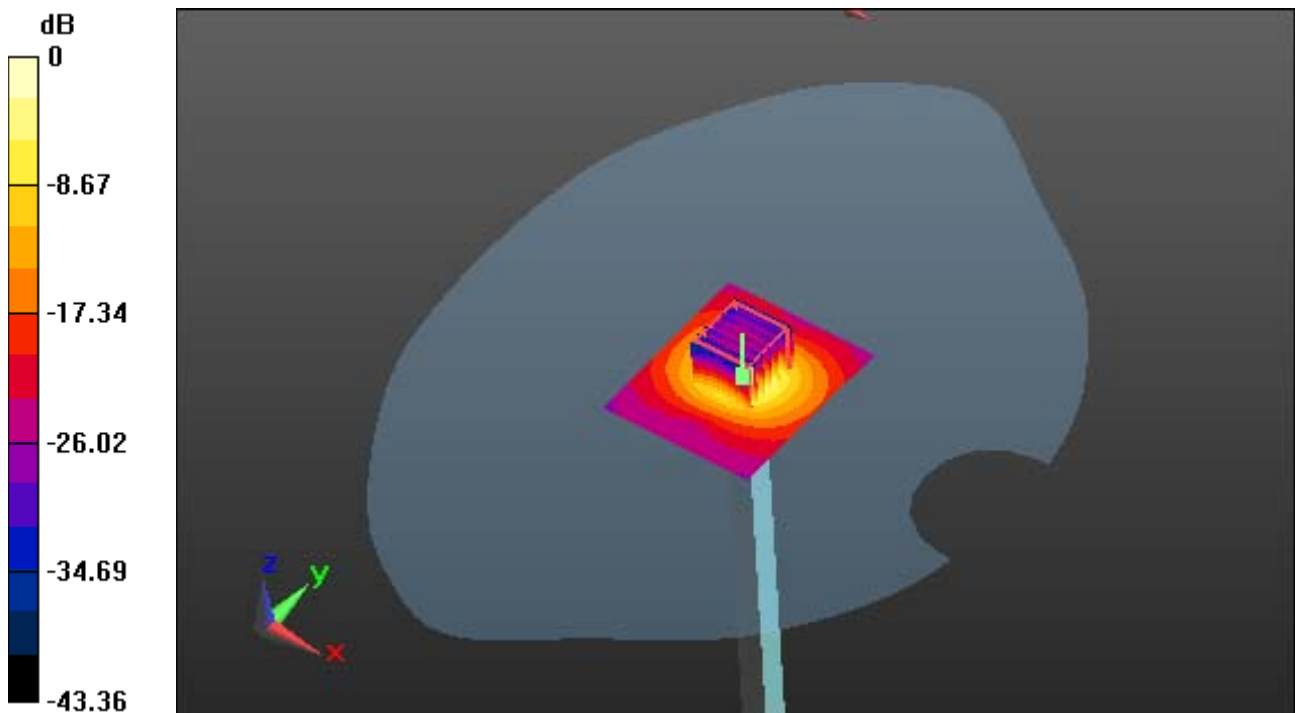
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.8 W/kg

**SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.25 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; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.807$  S/m;  $\epsilon_r = 37.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-29; Ambient Temp: 21.4 Tissue Temp: 21.9

### **5300 MHz System Verification**

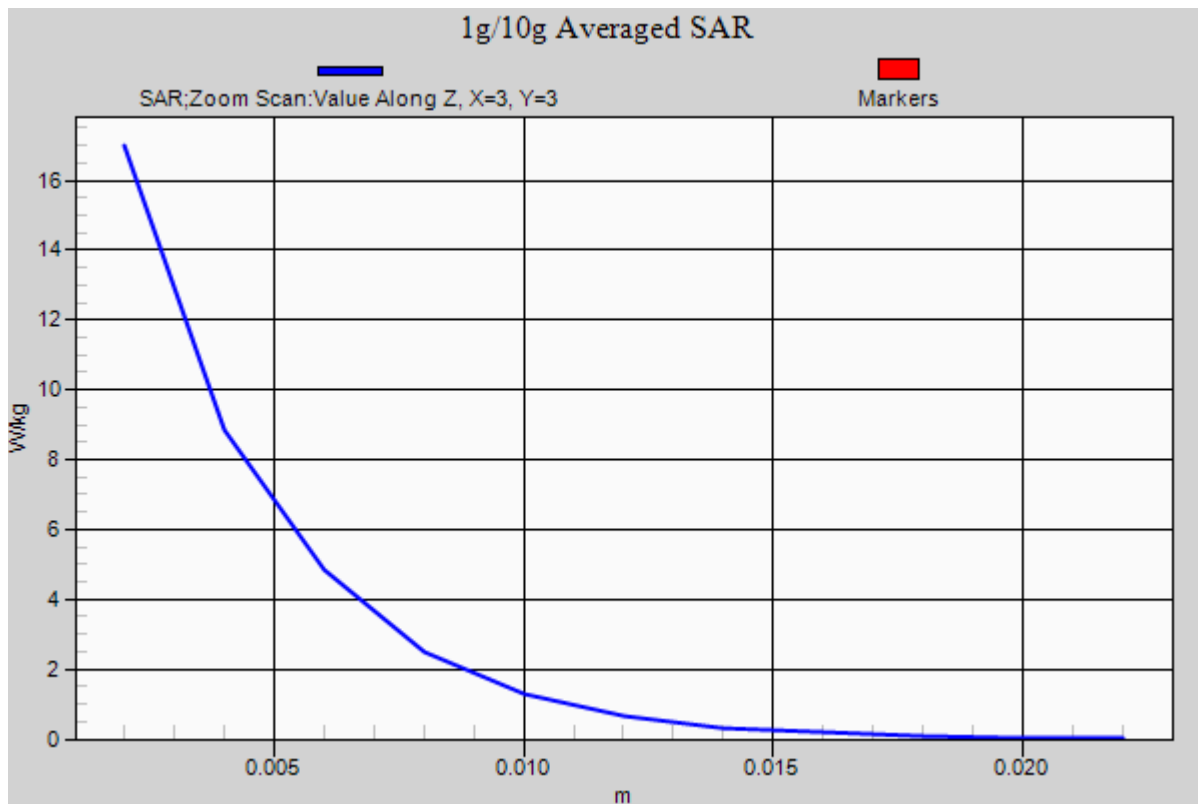
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 35.8 W/kg

**SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.25 W/kg**



## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.922$  S/m;  $\epsilon_r = 36.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

### **5500 MHz System Verification**

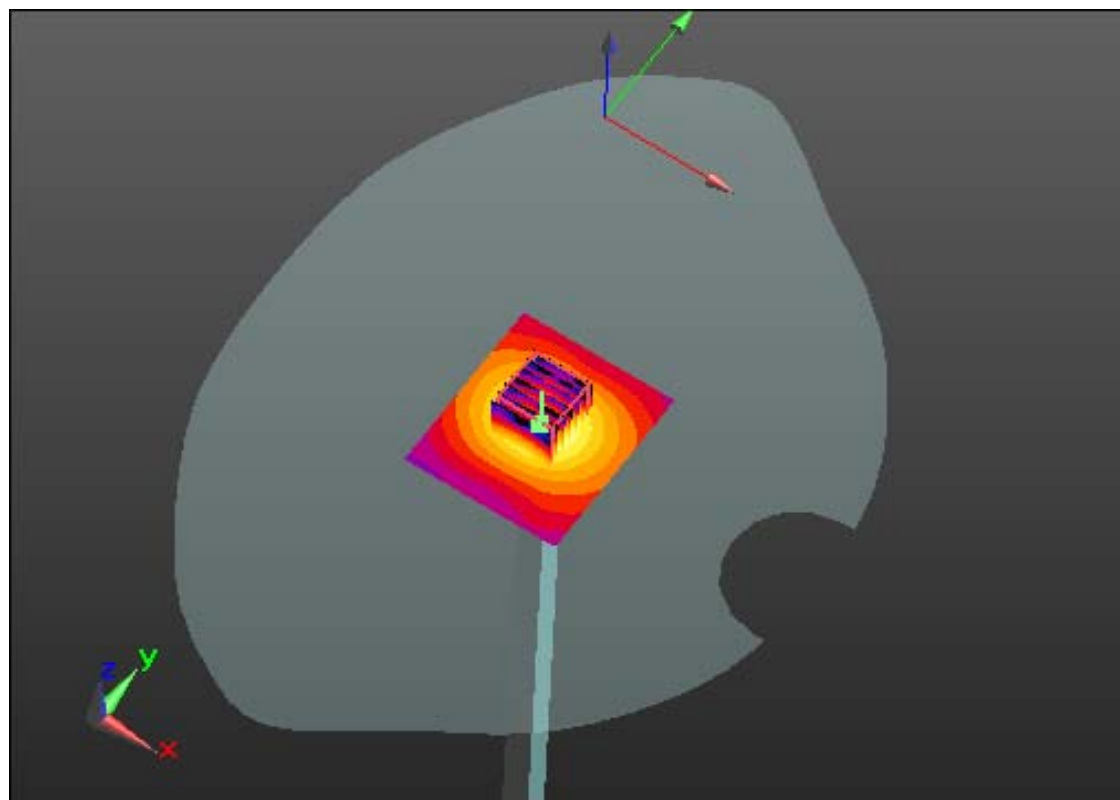
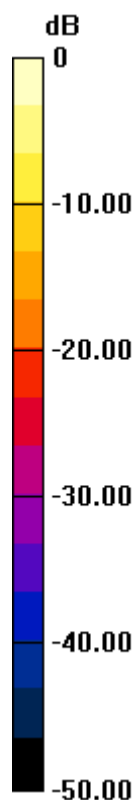
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 37.0 W/kg

**SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.31 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 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.922$  S/m;  $\epsilon_r = 36.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

### **5500 MHz System Verification**

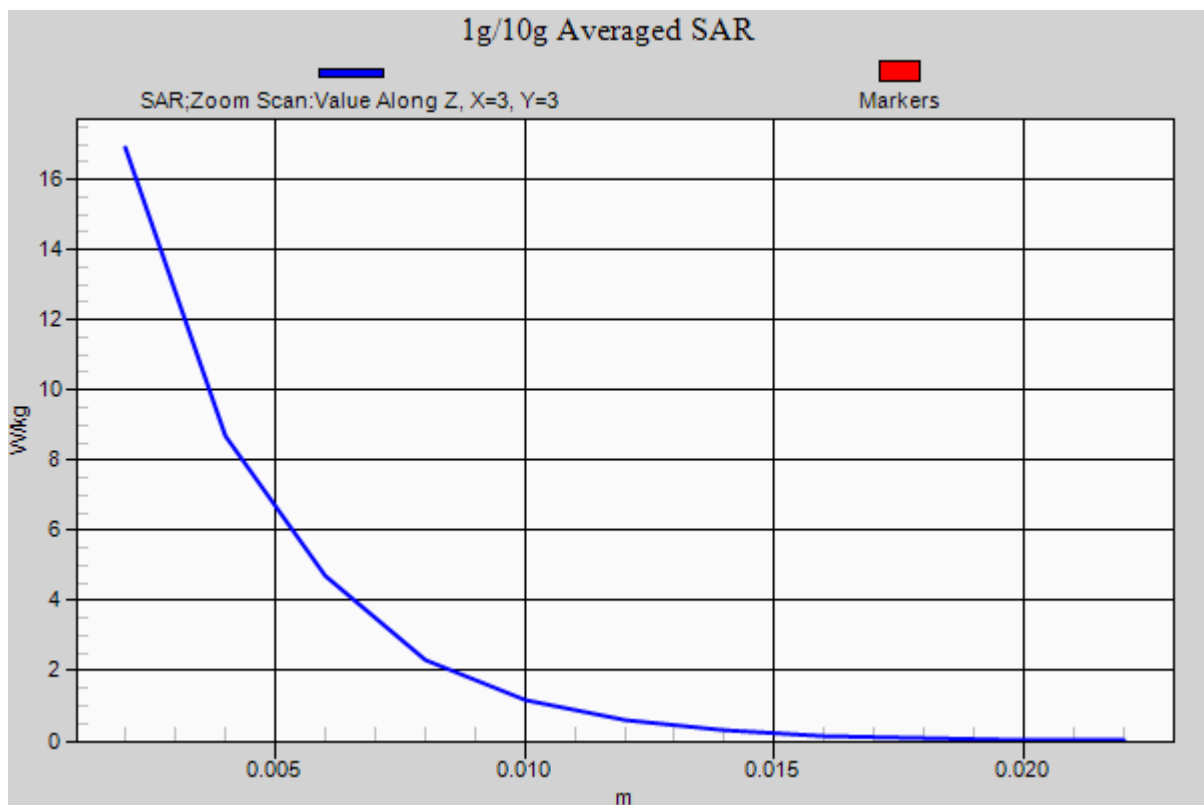
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 37.0 W/kg

**SAR(1 g) = 8.08 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: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.029$  S/m;  $\epsilon_r = 35.883$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

### **5600 MHz System Verification**

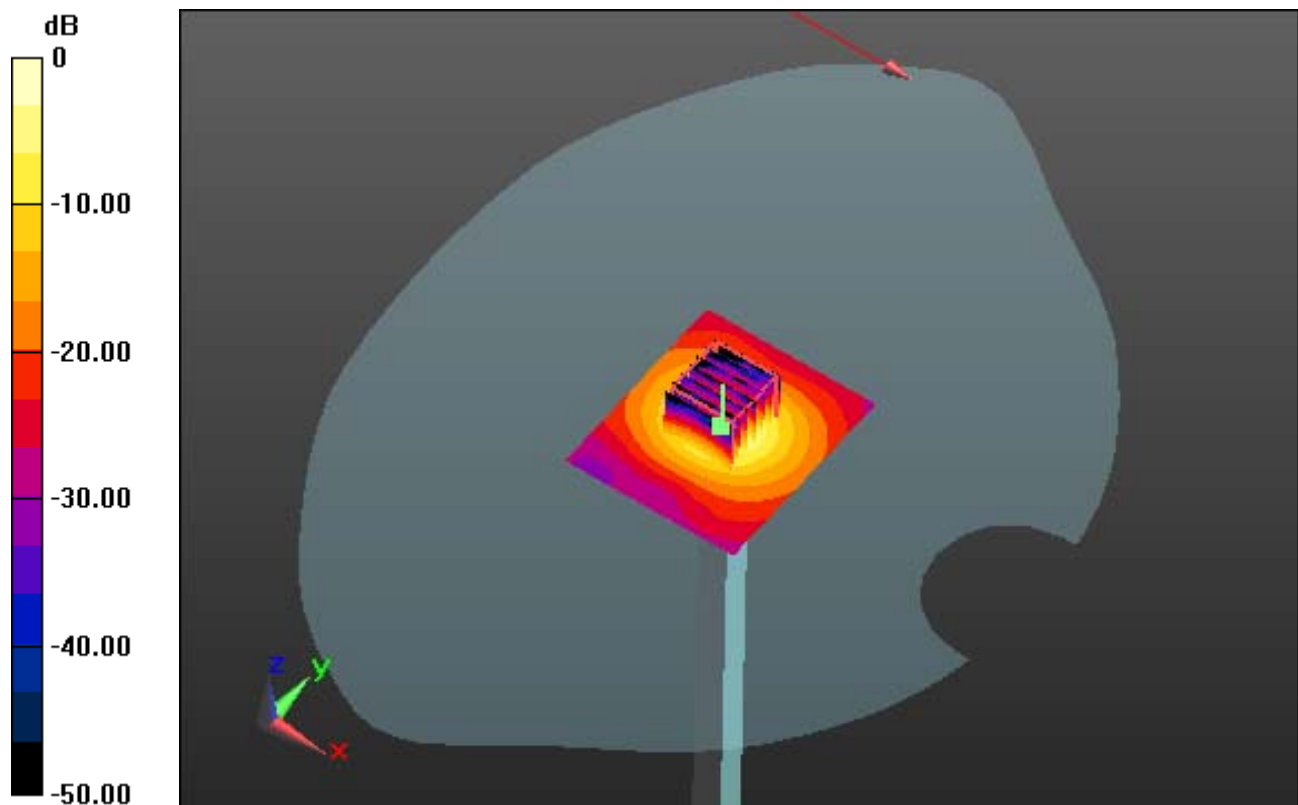
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 40.7 W/kg

**SAR(1 g) = 8.61 W/kg; SAR(10 g) = 2.35 W/kg**



0 dB = 18.5 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;  $\sigma = 5.029$  S/m;  $\epsilon_r = 35.883$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

### **5600 MHz System Verification**

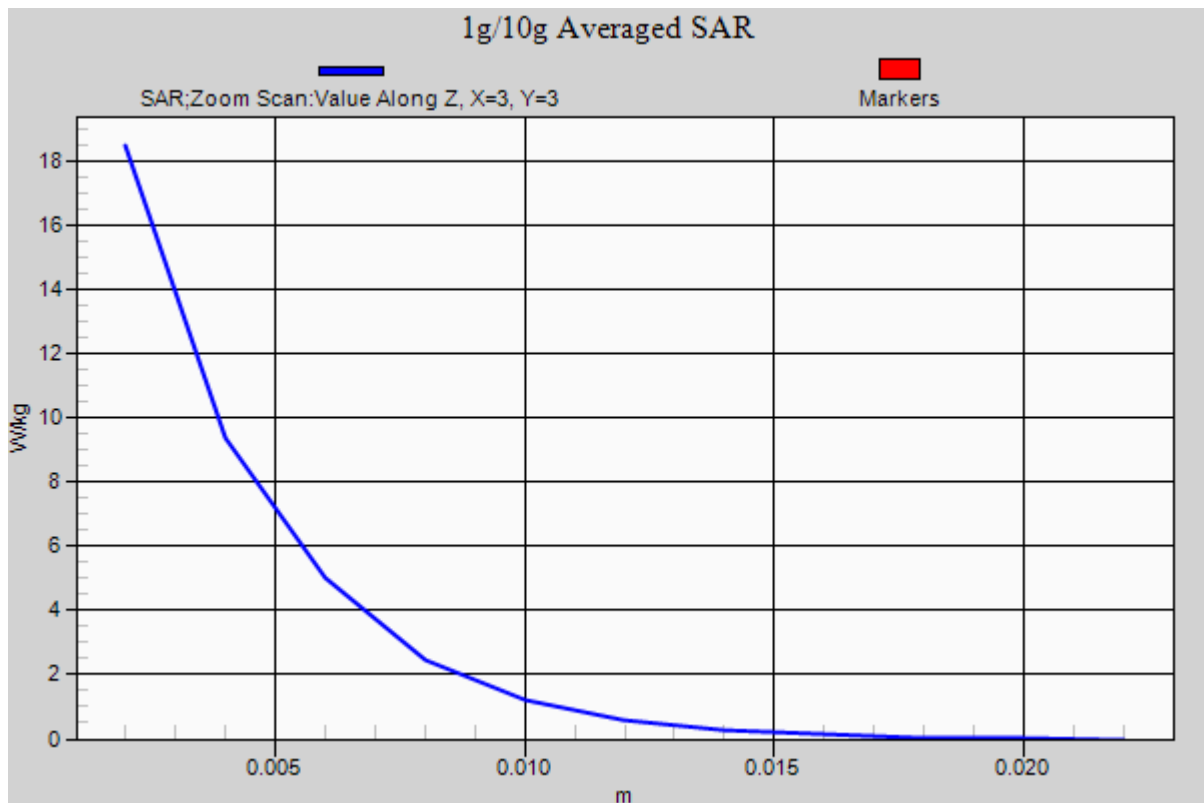
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 40.7 W/kg

**SAR(1 g) = 8.61 W/kg; SAR(10 g) = 2.35 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;  $\sigma = 5.272$  S/m;  $\epsilon_r = 36.092$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

### **5800 MHz System Verification**

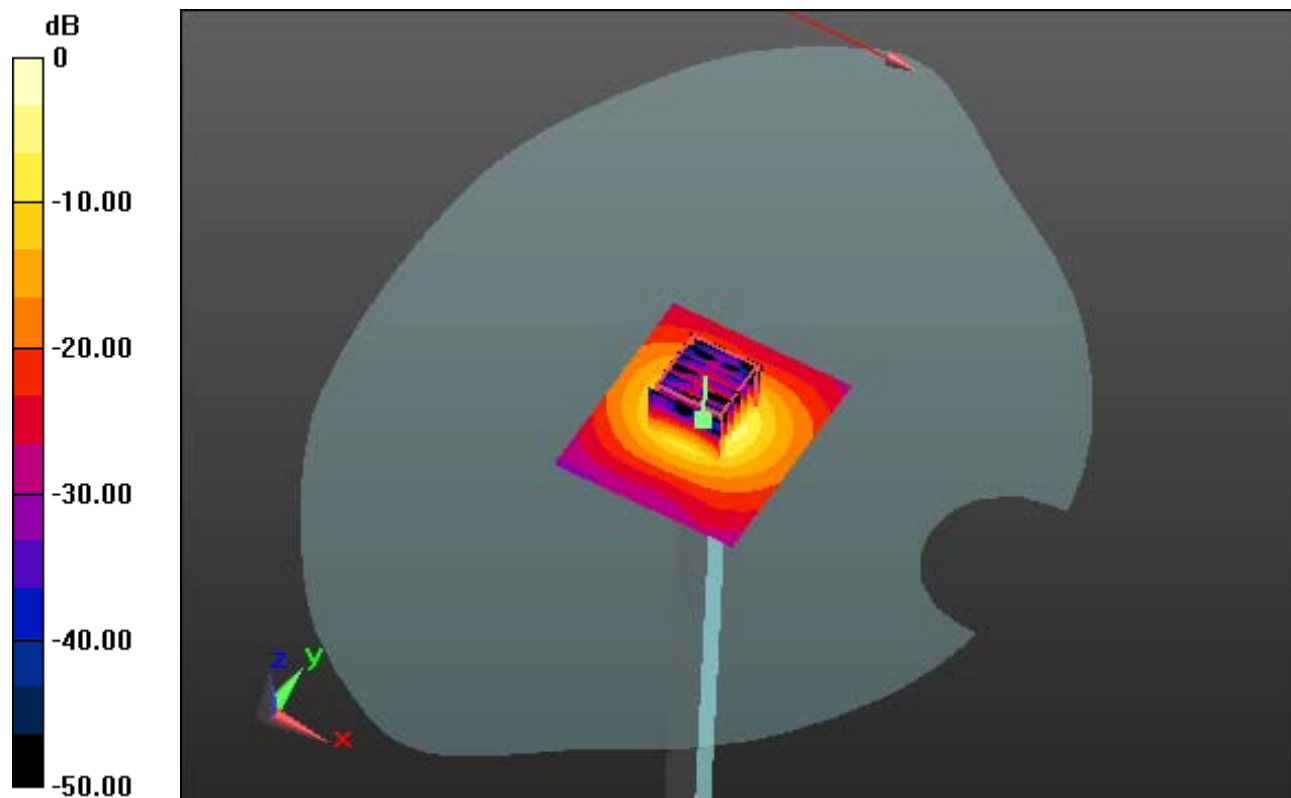
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 36.1 W/kg

**SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.24 W/kg**



0 dB = 16.8 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;  $\sigma = 5.272$  S/m;  $\epsilon_r = 36.092$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

### **5800 MHz System Verification**

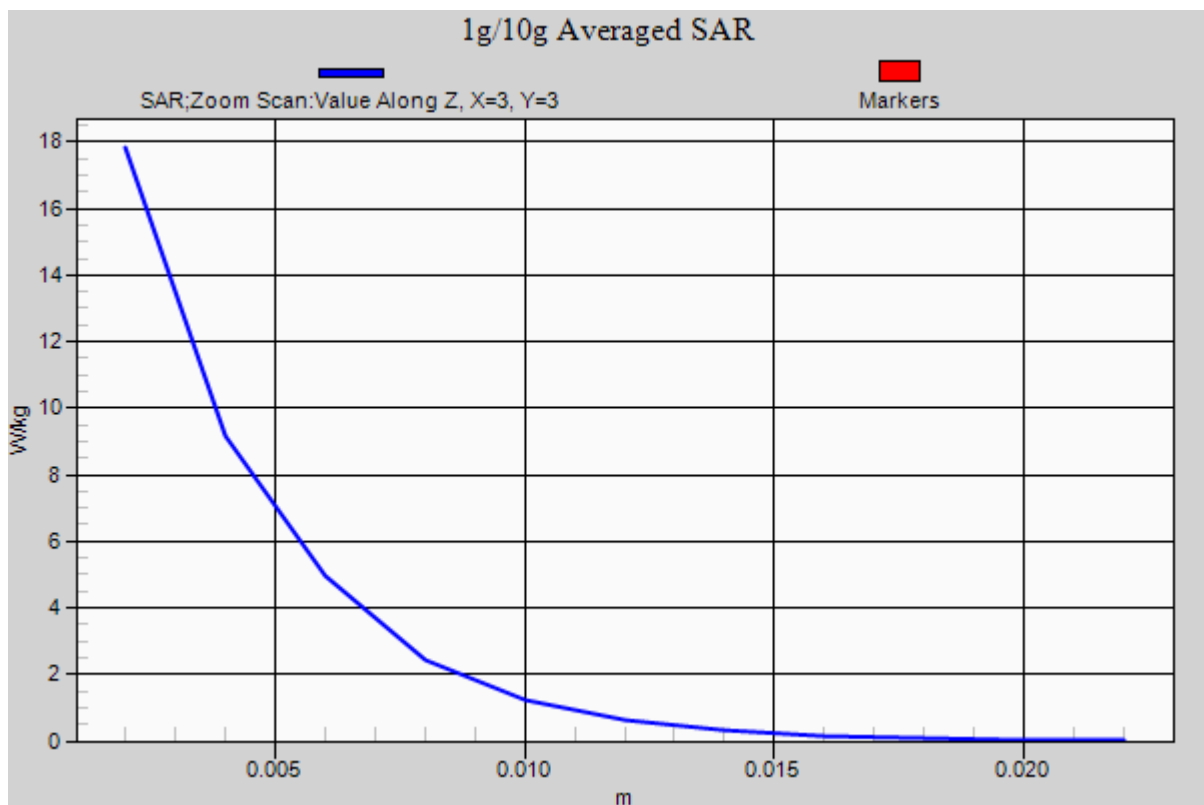
**Area Scan (61x71x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 36.1 W/kg

**SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.24 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

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

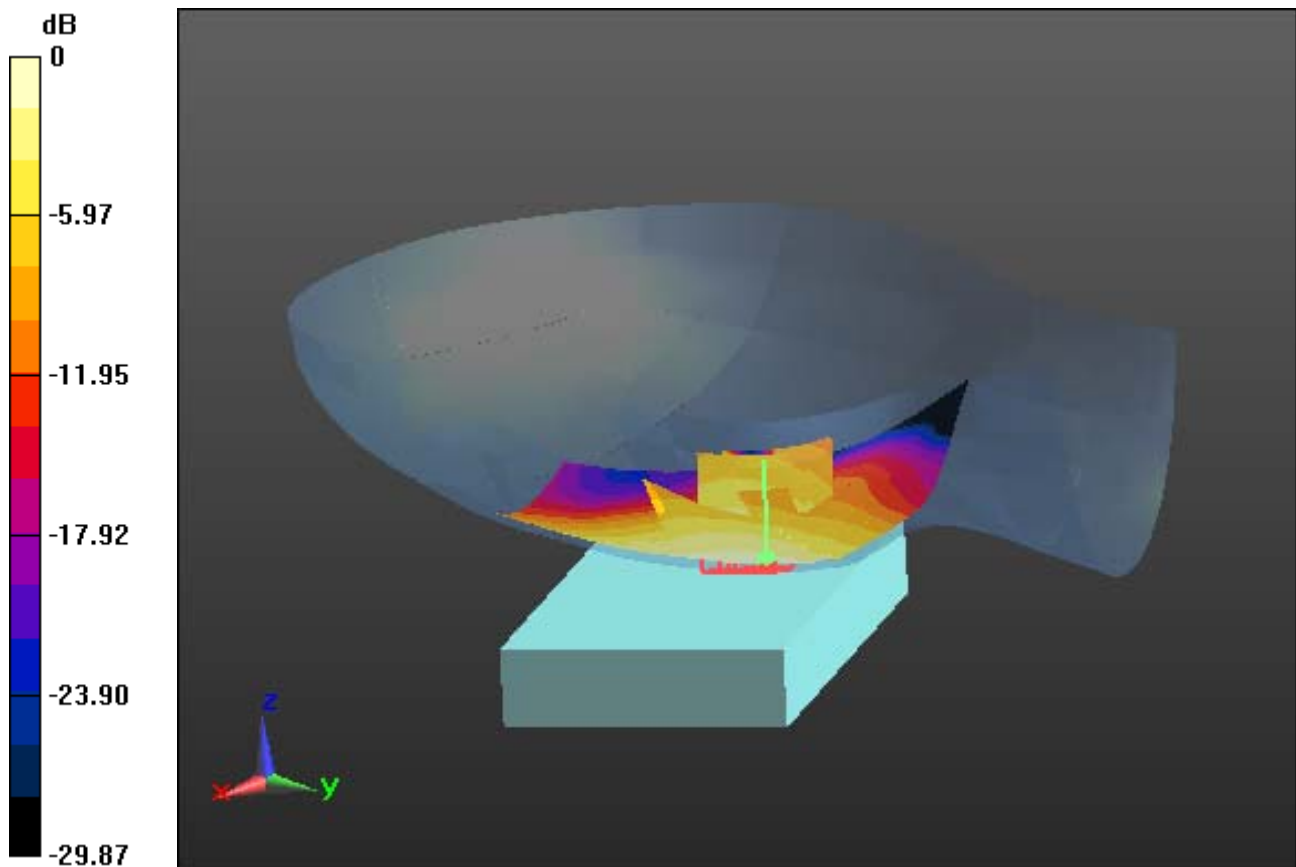
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.193 W/kg**



0 dB = 0.303 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.916 \text{ S/m}$ ;  $\epsilon_r = 42.433$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

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

**With Enlarge plot image**

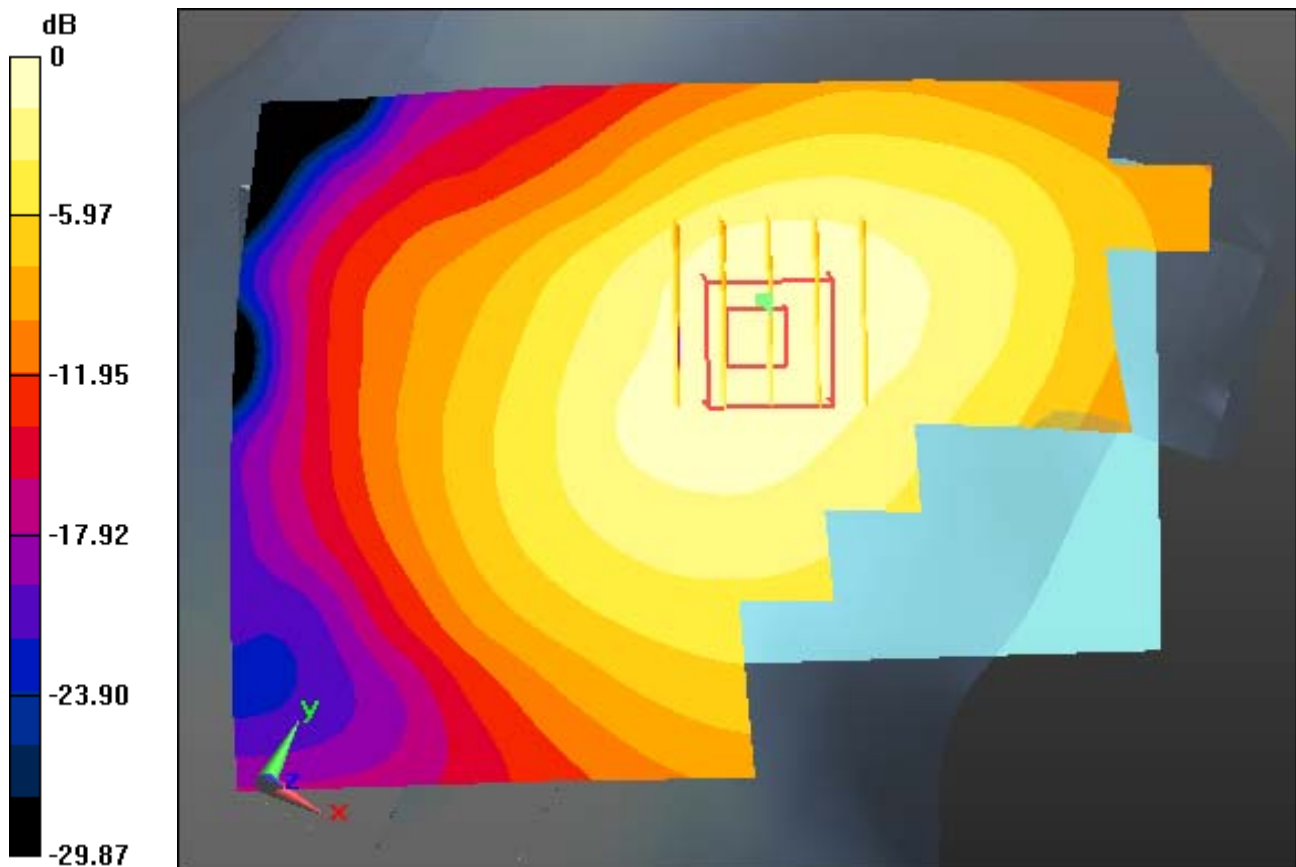
**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.193 W/kg**



0 dB = 0.303 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

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

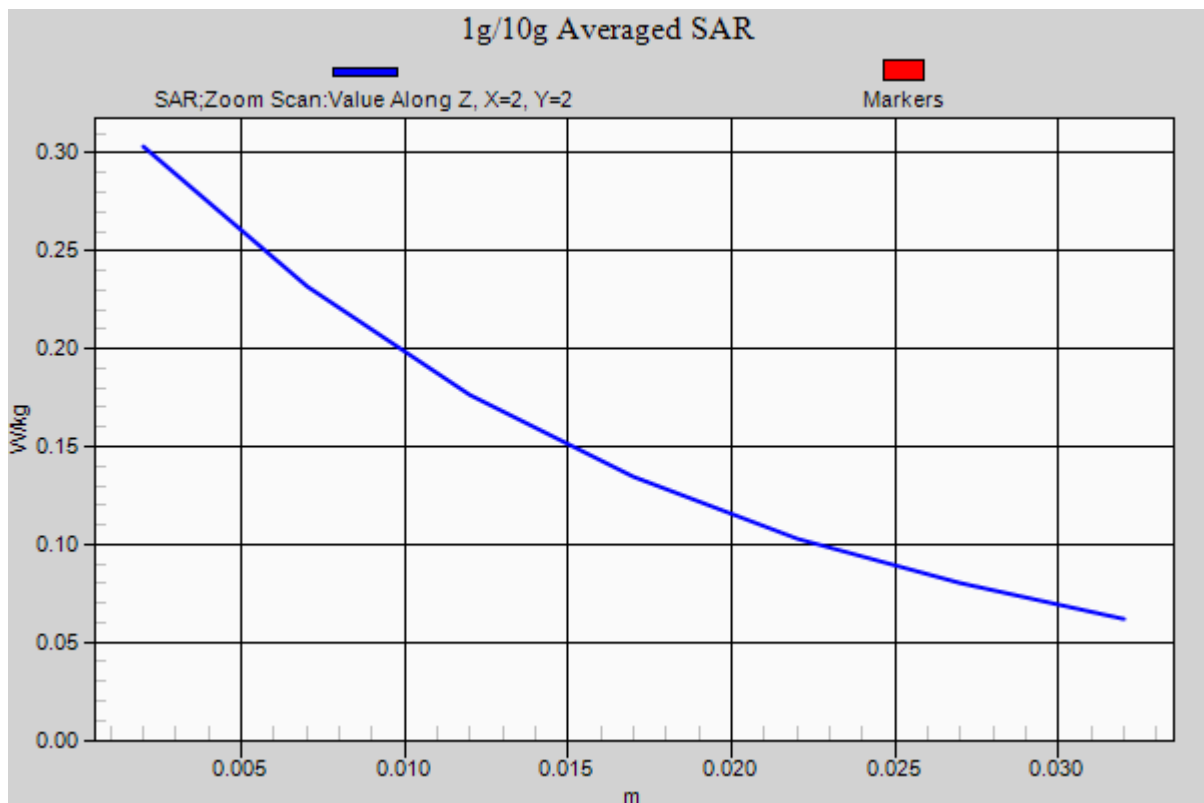
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.193 W/kg**





## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850\_12 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

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

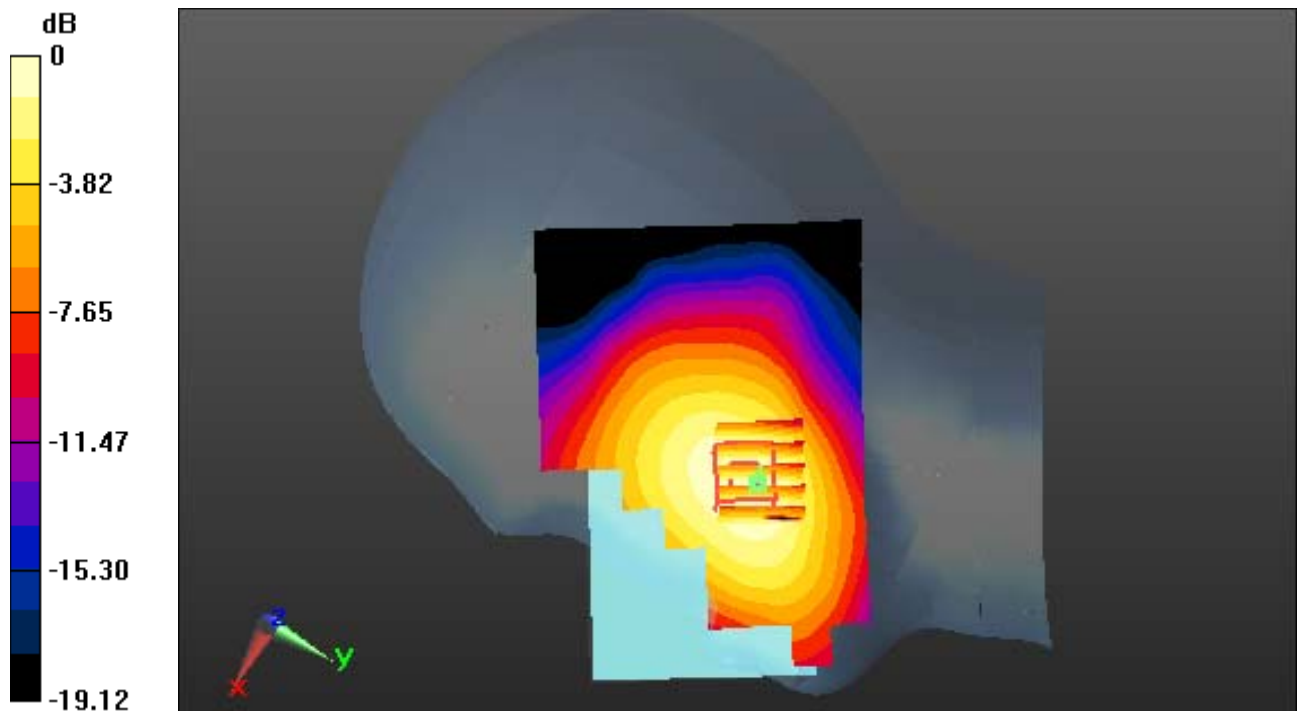
**Area Scan (81x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.231 W/kg**



0 dB = 0.360 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850\_12 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

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

**With Enlarge plot image**

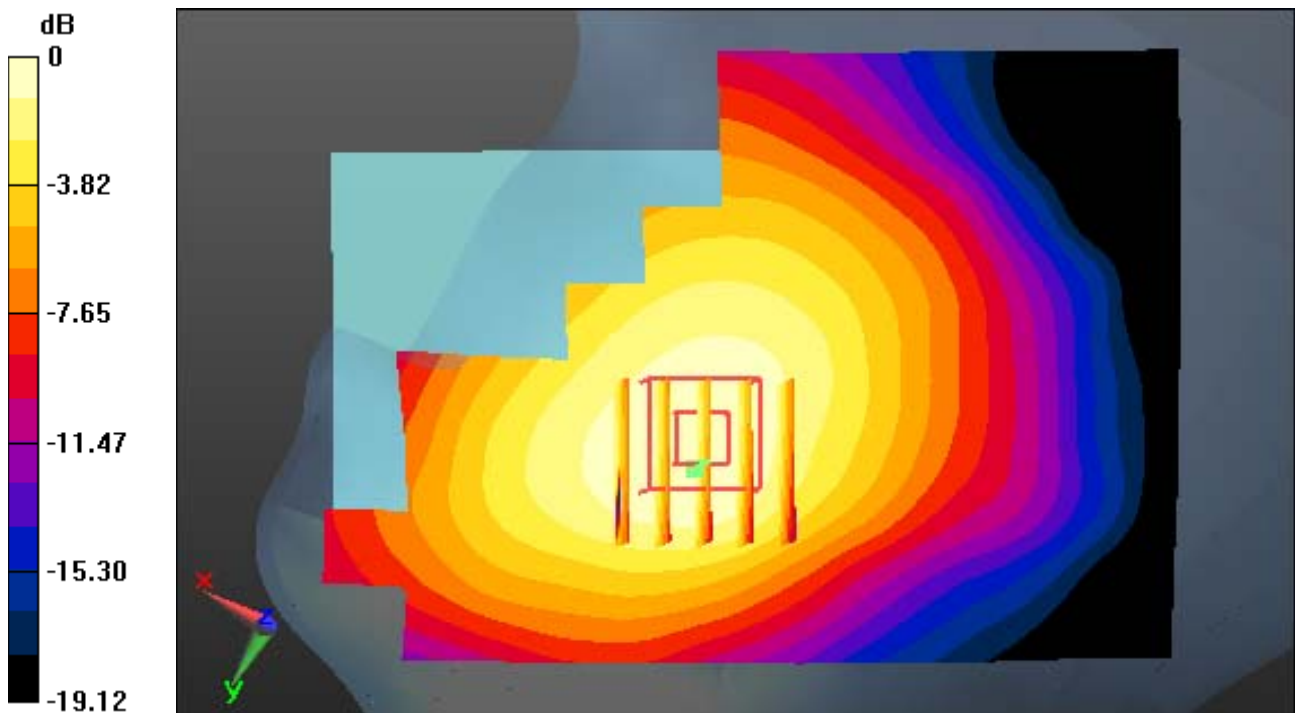
**Area Scan (81x121x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.231 W/kg**



0 dB = 0.360 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850\_12 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

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

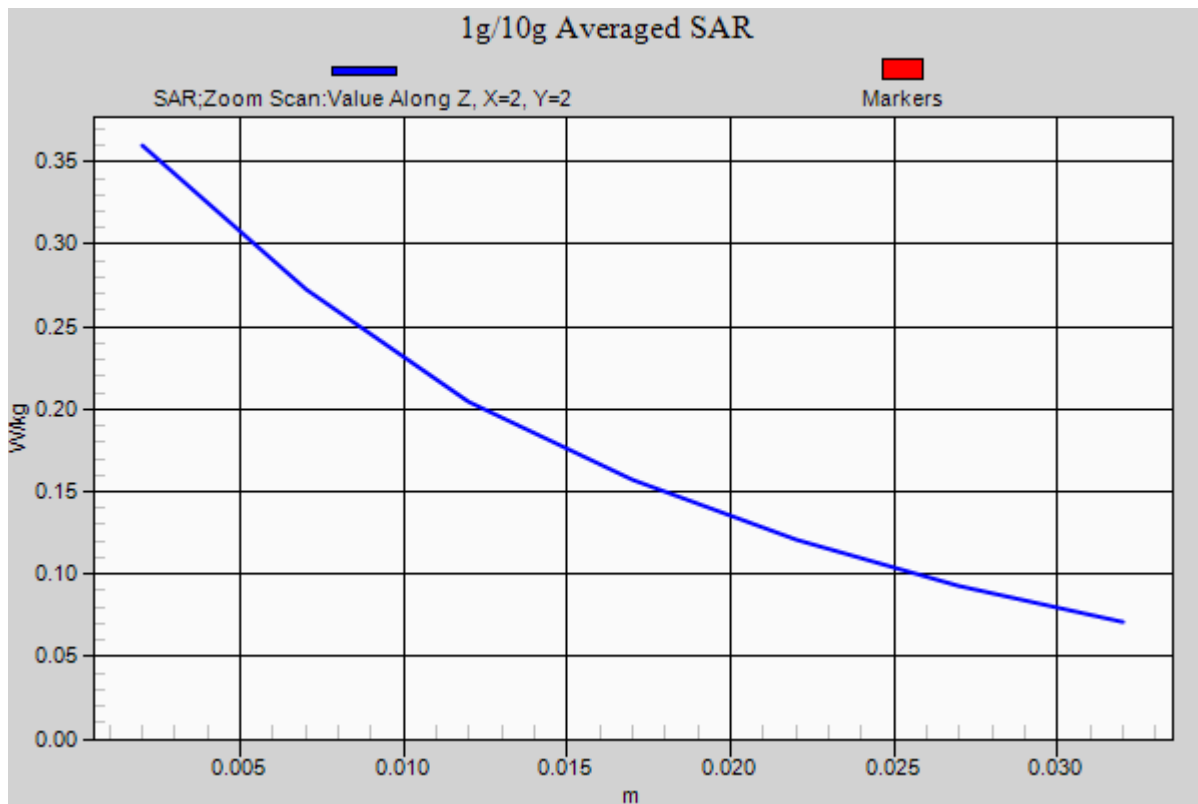
**Area Scan (81x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.231 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

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

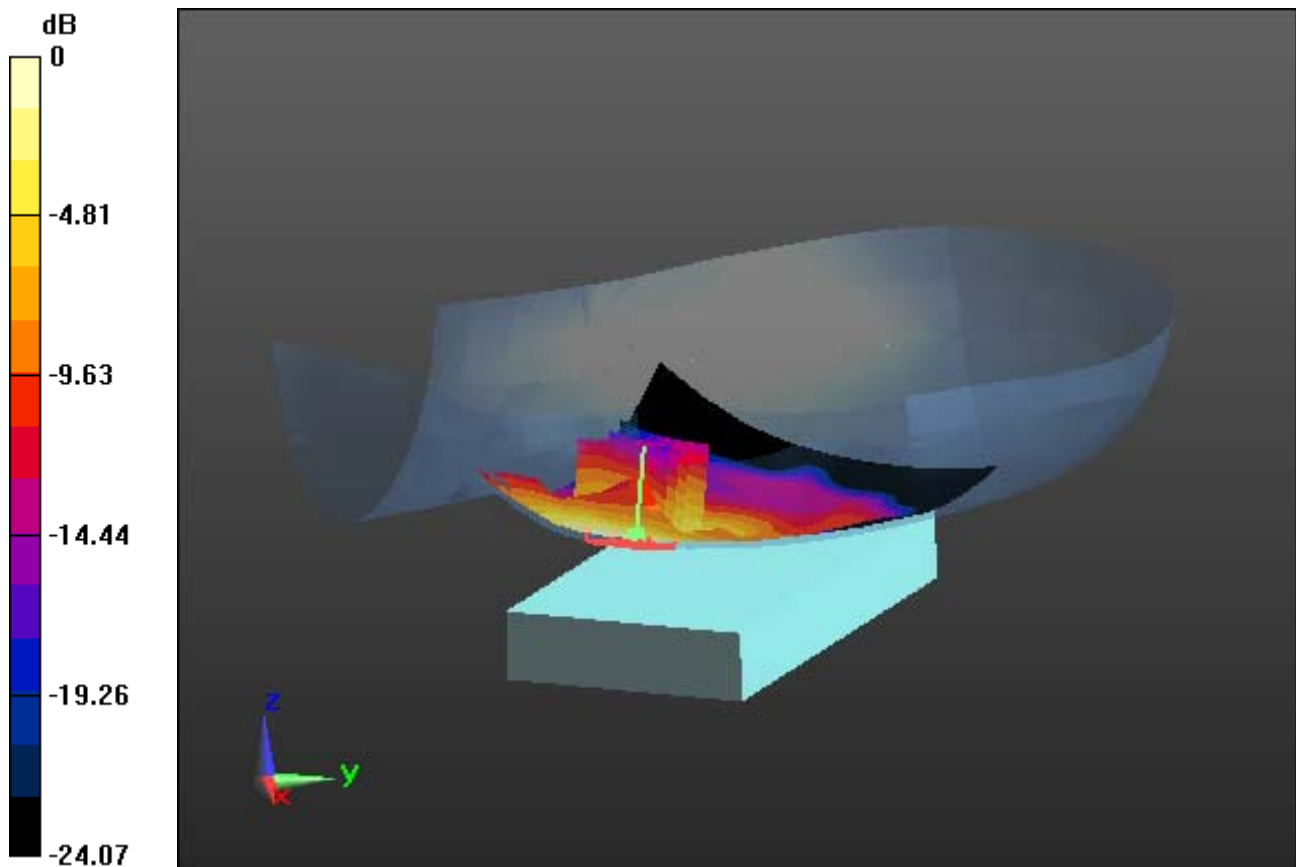
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.107 W/kg**



0 dB = 0.244 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

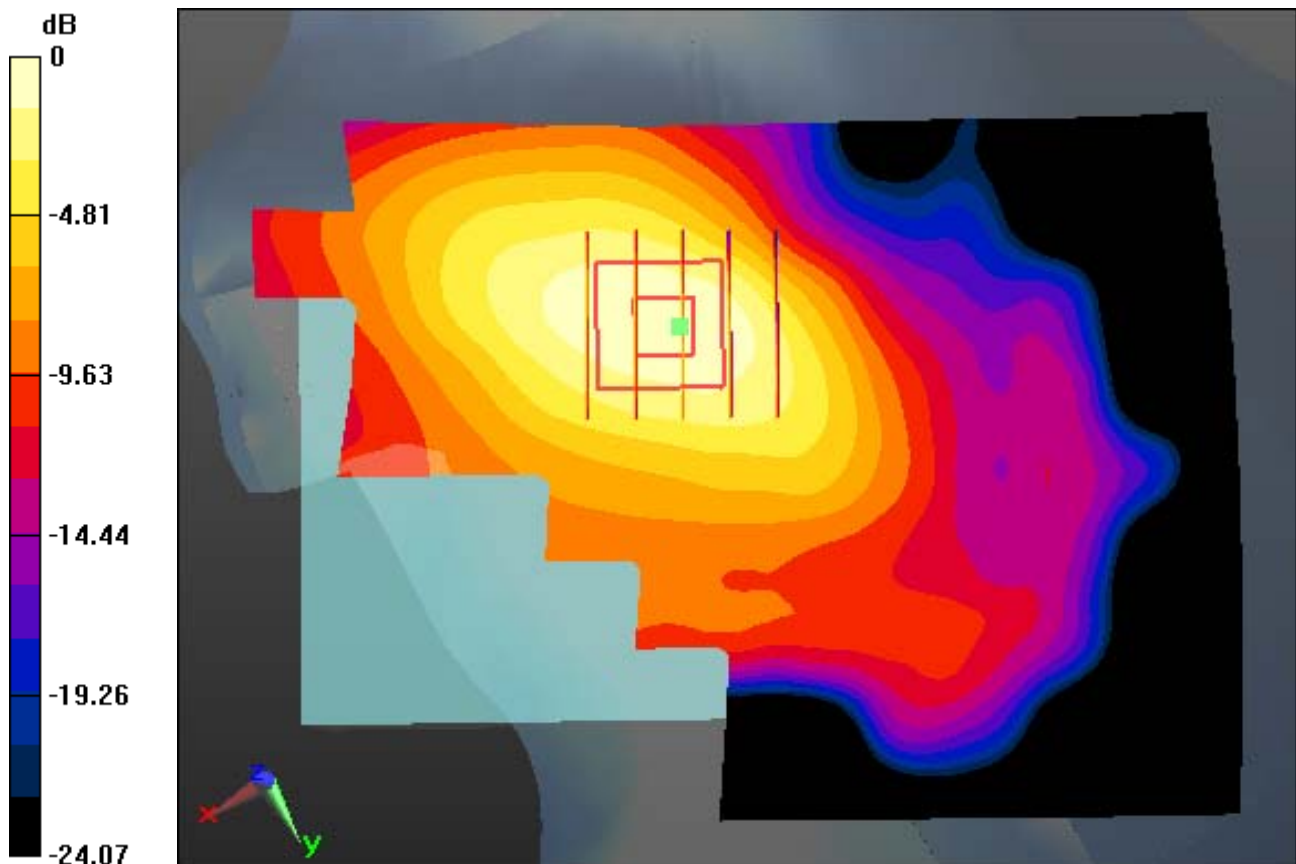
Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

**Left Touch, PCS1900 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 = 0.01 dB  
Peak SAR (extrapolated) = 0.296 W/kg  
**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.107 W/kg**



0 dB = 0.244 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

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

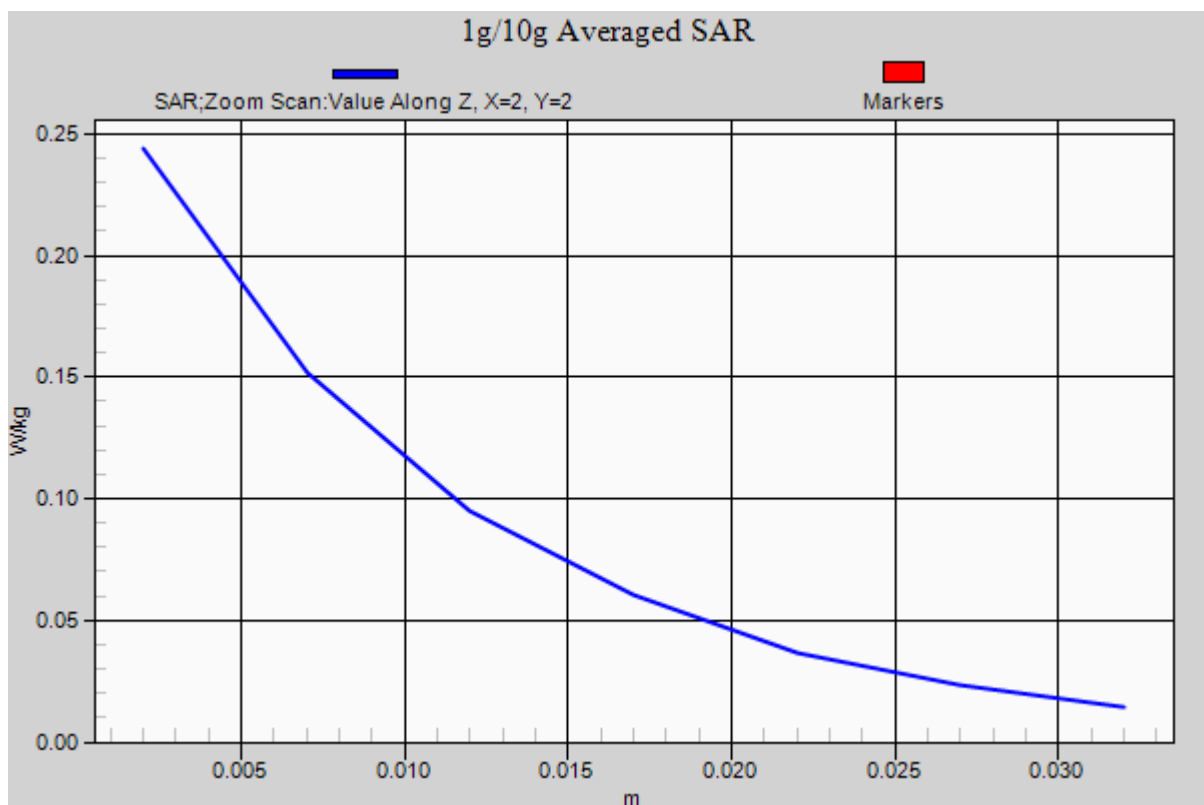
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.107 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

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

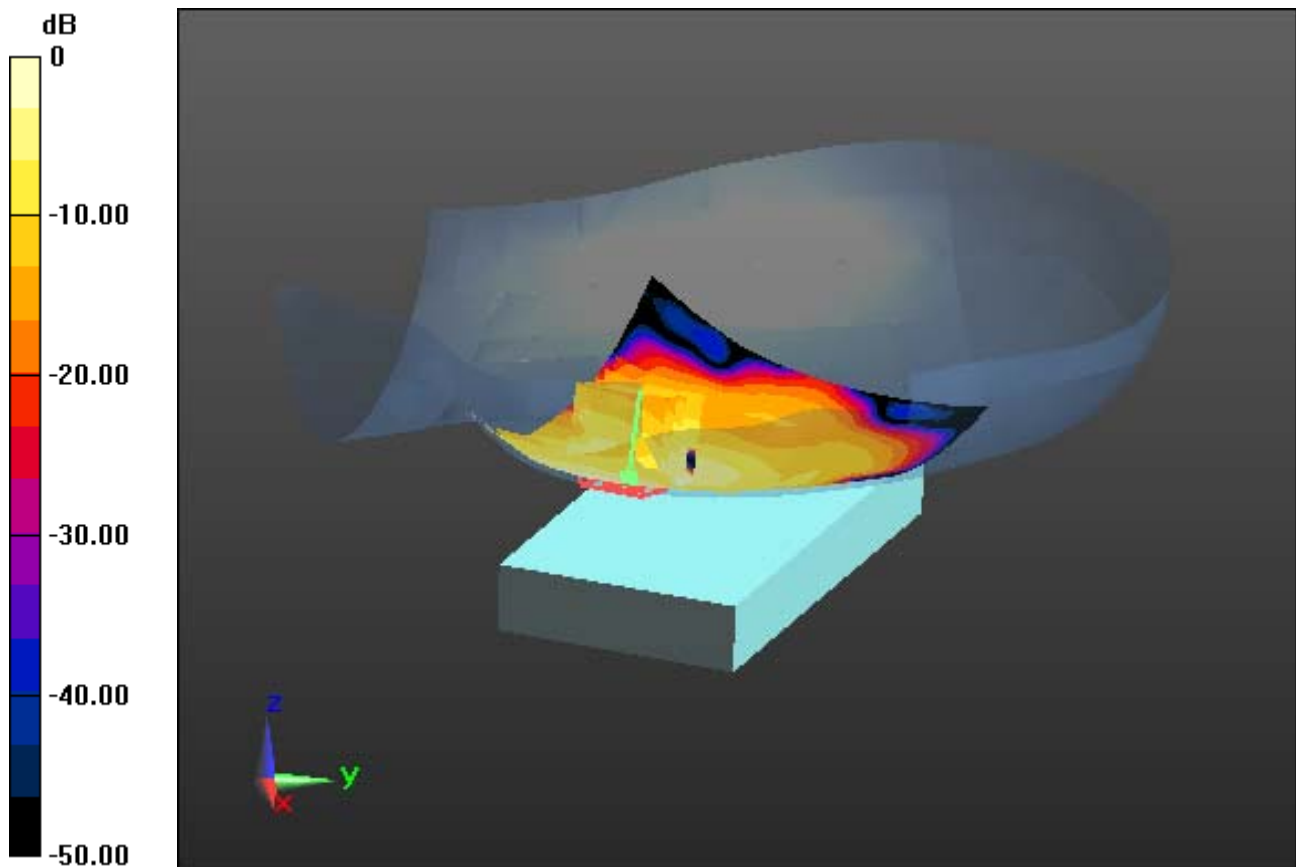
**Area Scan (81x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.158 W/kg**



0 dB = 0.361 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

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

**With Enlarge plot image**

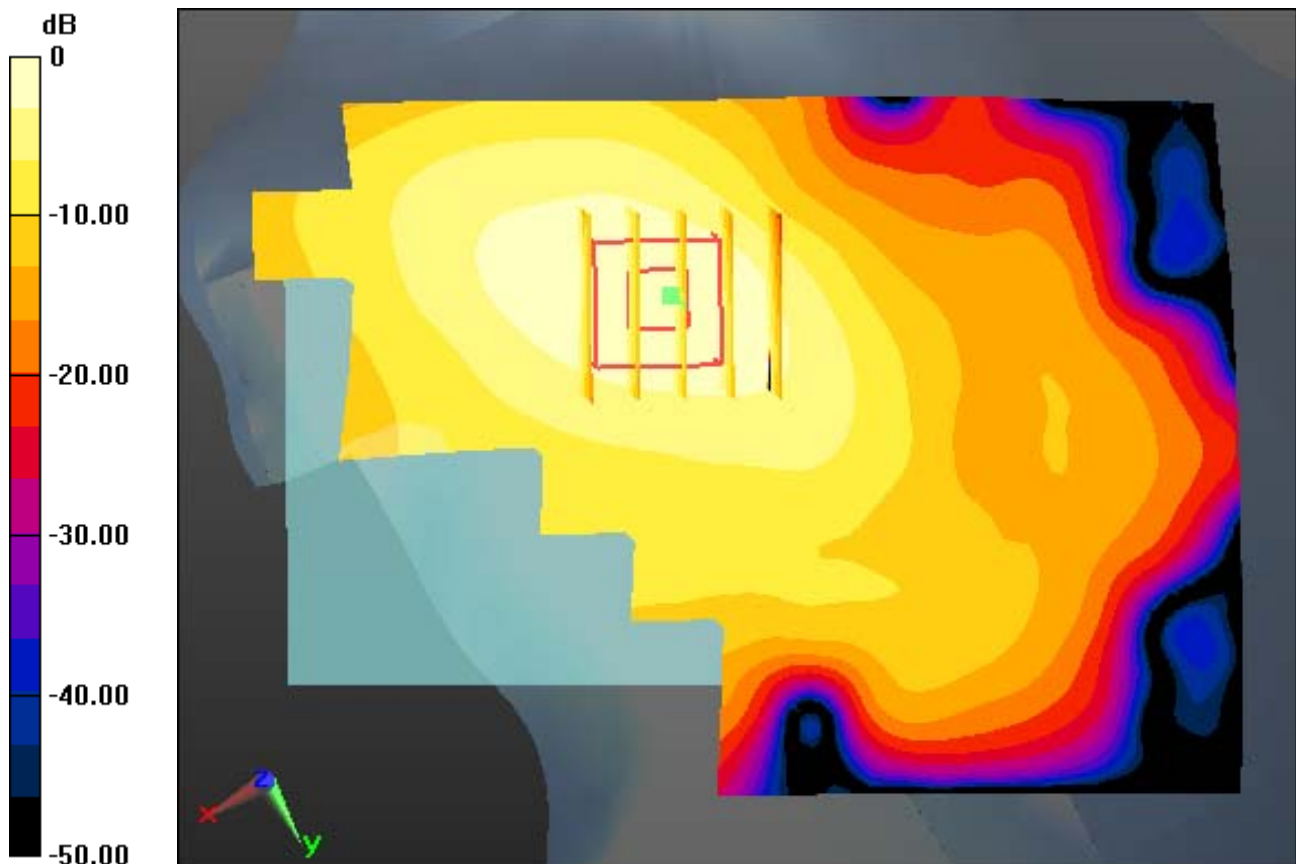
**Area Scan (81x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.158 W/kg**



0 dB = 0.361 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.901$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

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

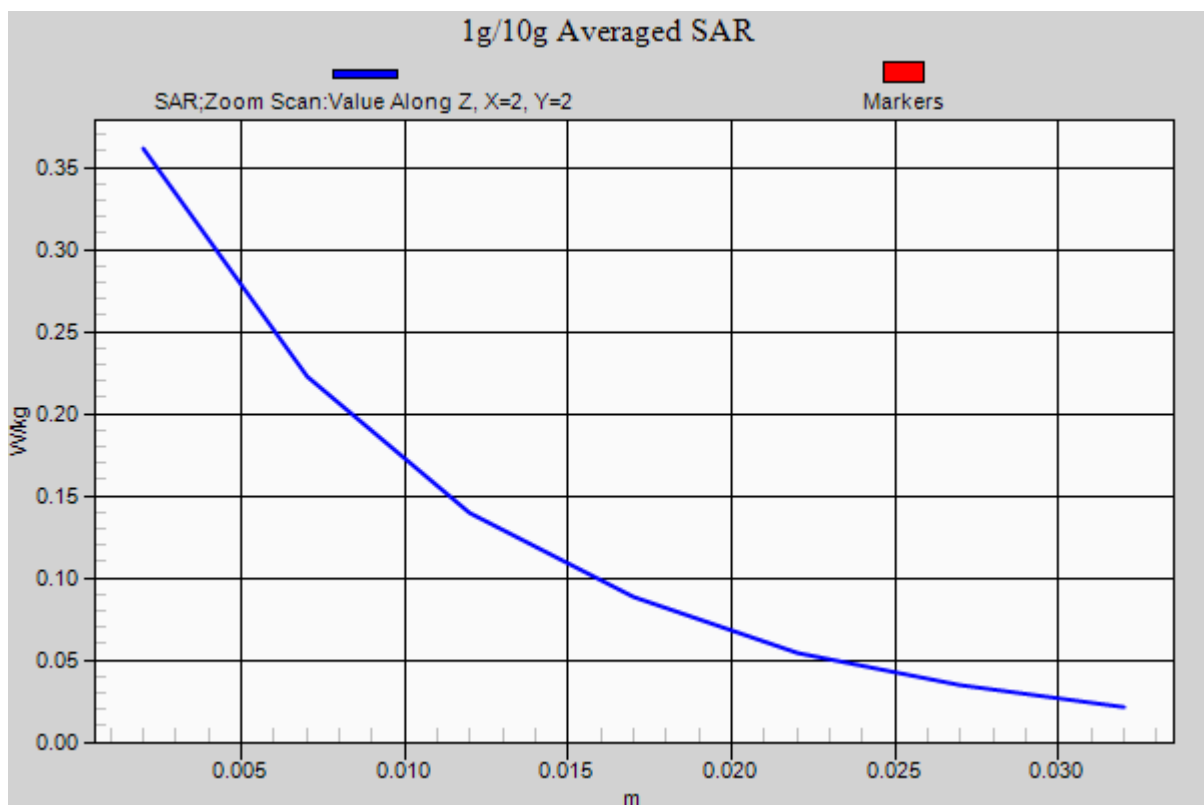
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.158 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

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

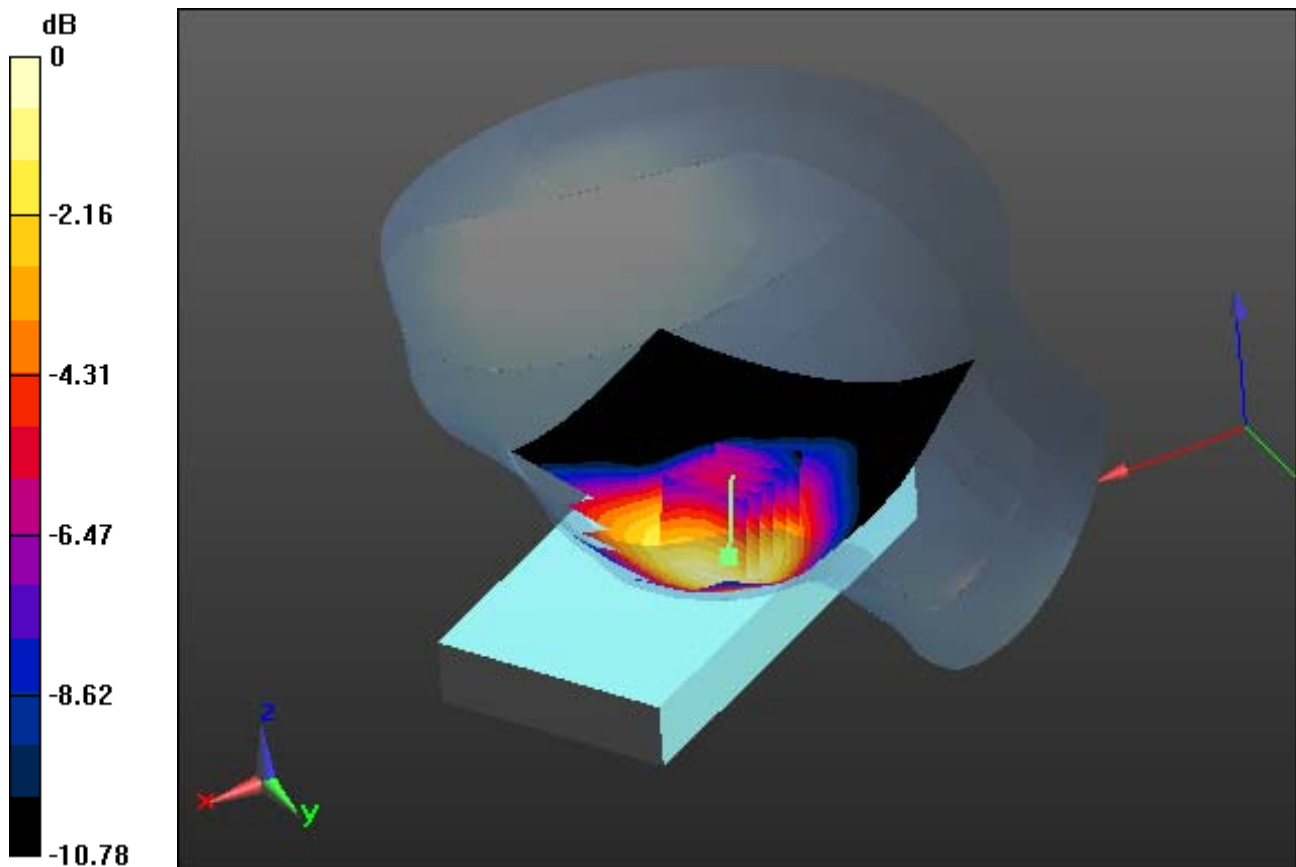
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.220 W/kg**



0 dB = 0.334 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

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

**With Enlarge plot Image**

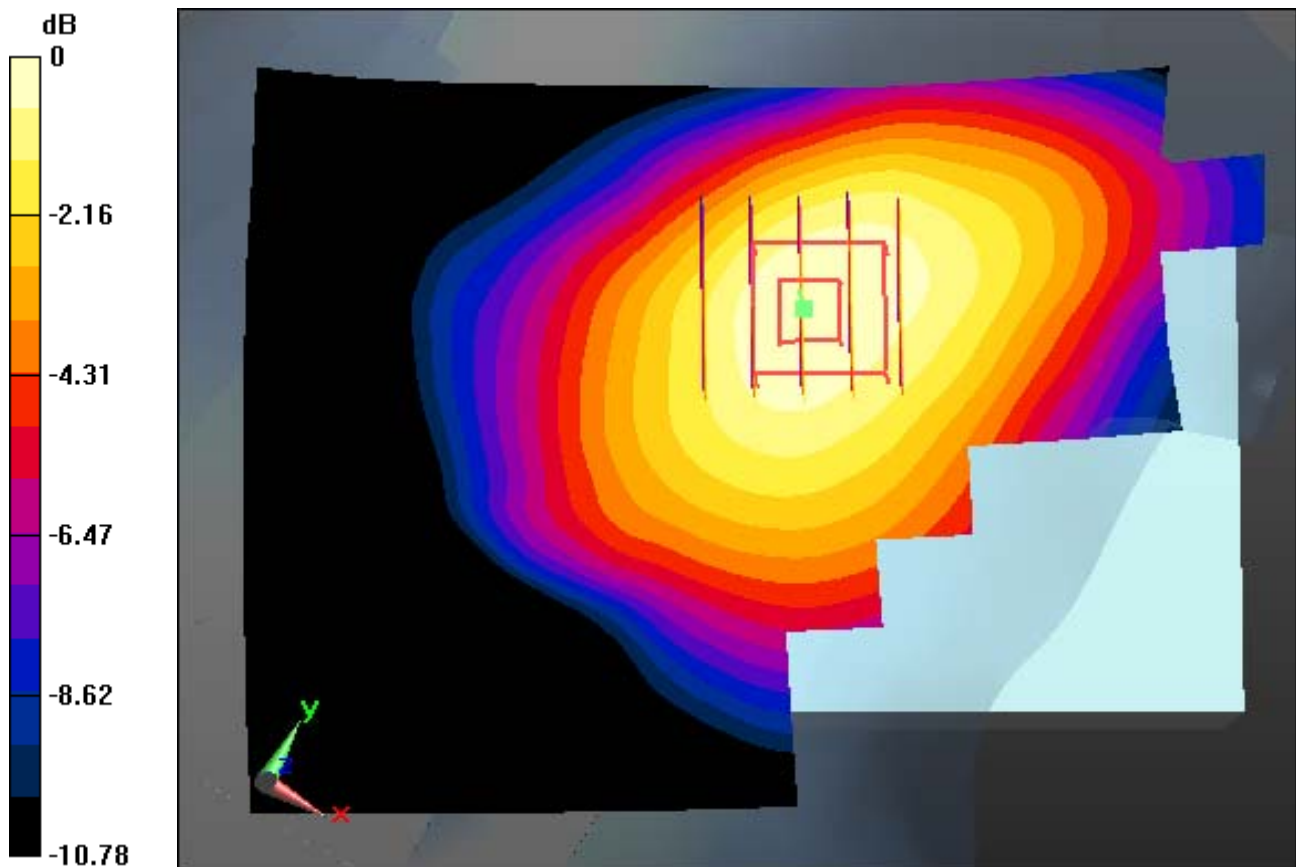
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.220 W/kg**



0 dB = 0.334 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

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

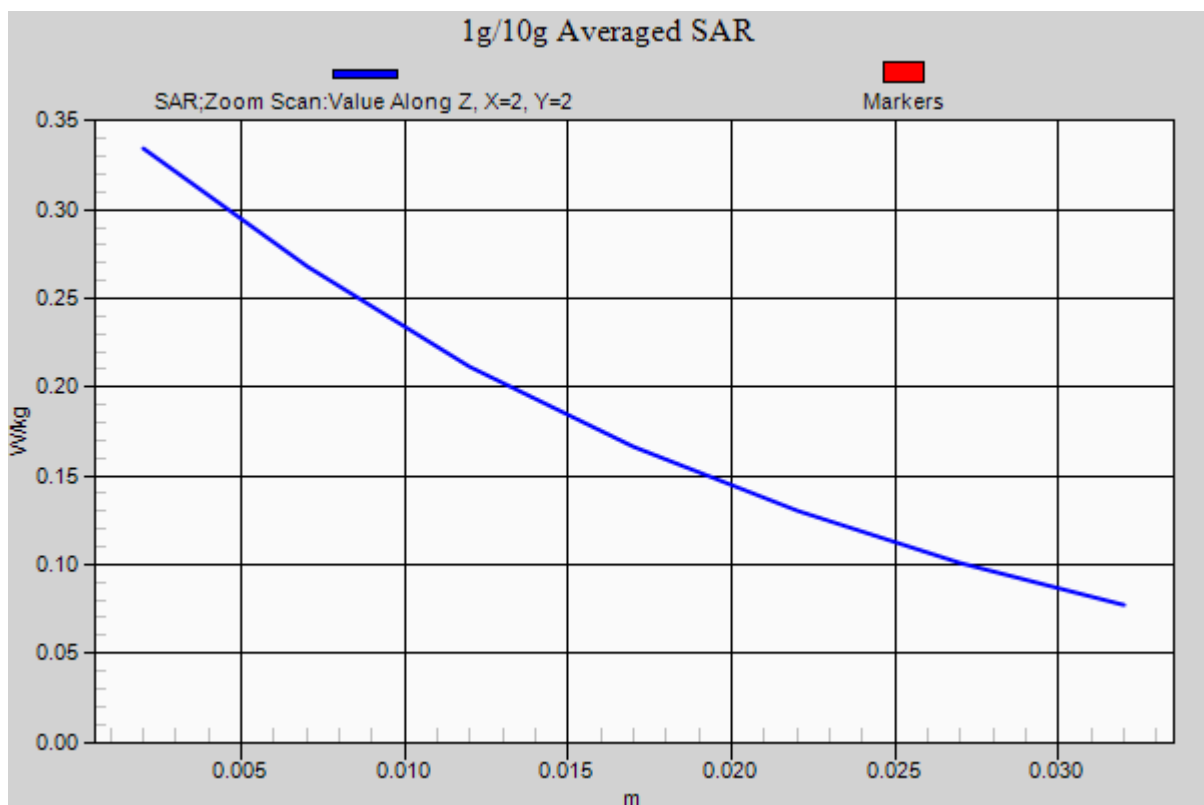
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.220 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 39.275$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**Left Touch, WCDMA1700 Ch. 1412, Ant Internal, Standard Battery**

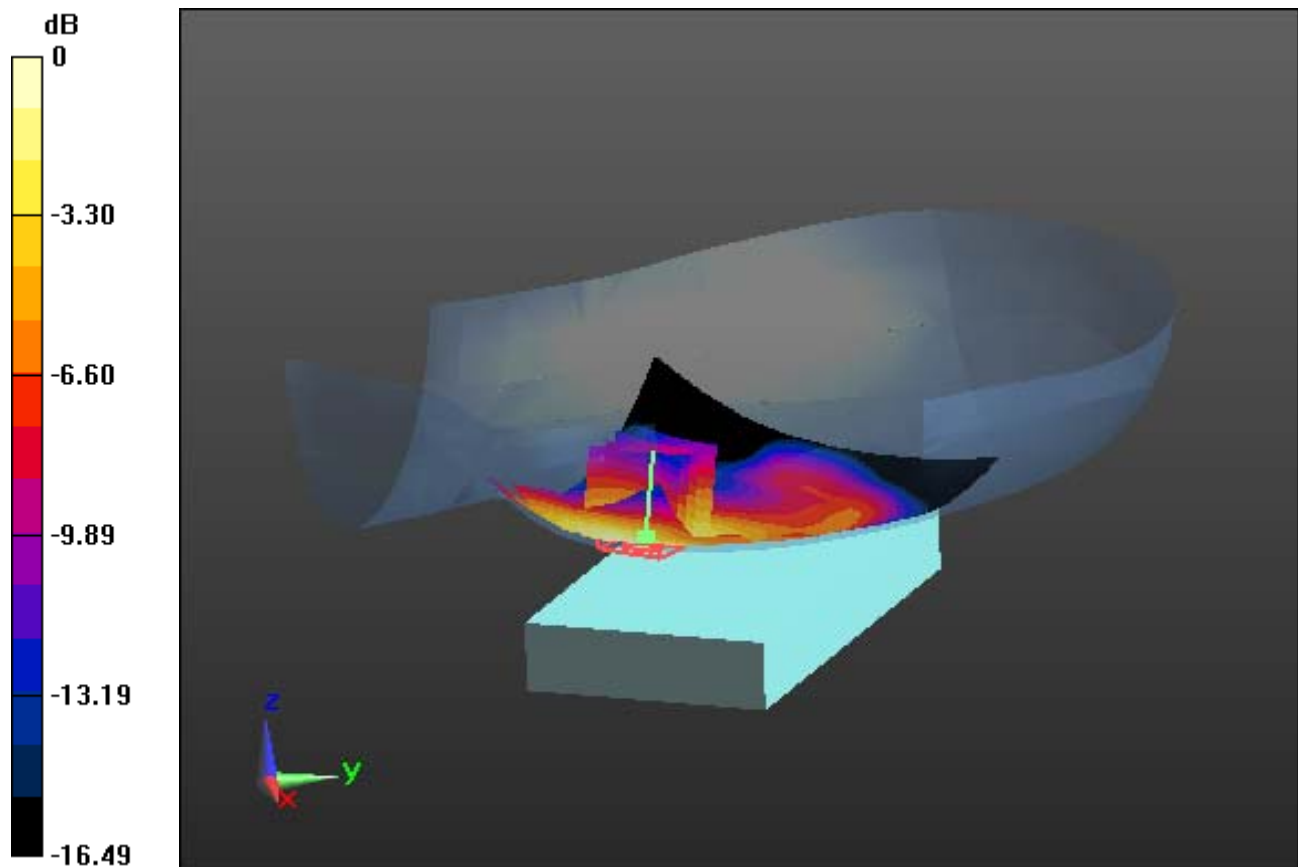
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.293 W/kg**



0 dB = 0.569 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 39.275$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**Left Touch, WCDMA1700 Ch. 1412, Ant Internal, Standard Battery**

**With Enlarge plot image**

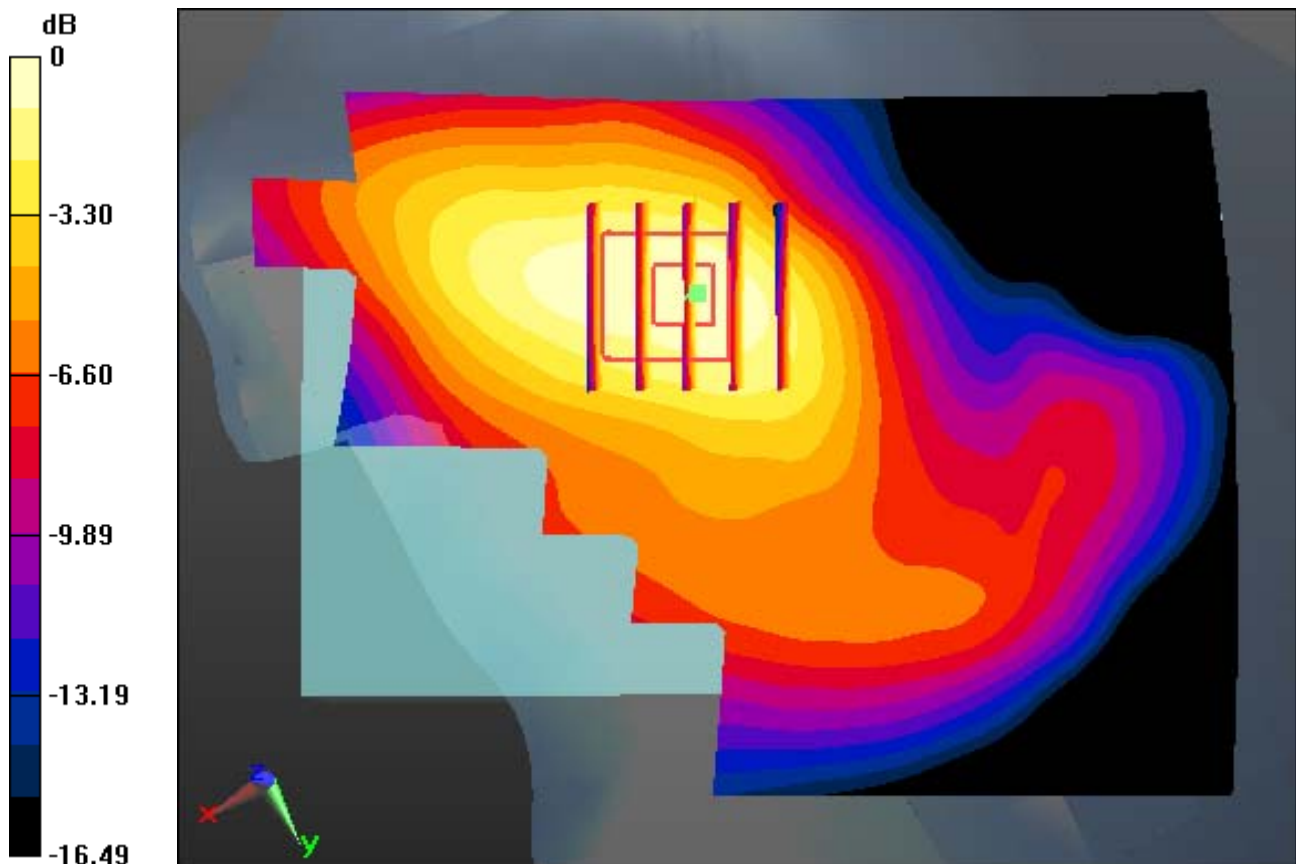
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.293 W/kg**



0 dB = 0.569 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 39.275$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**Left Touch, WCDMA1700 Ch. 1412, Ant Internal, Standard Battery**

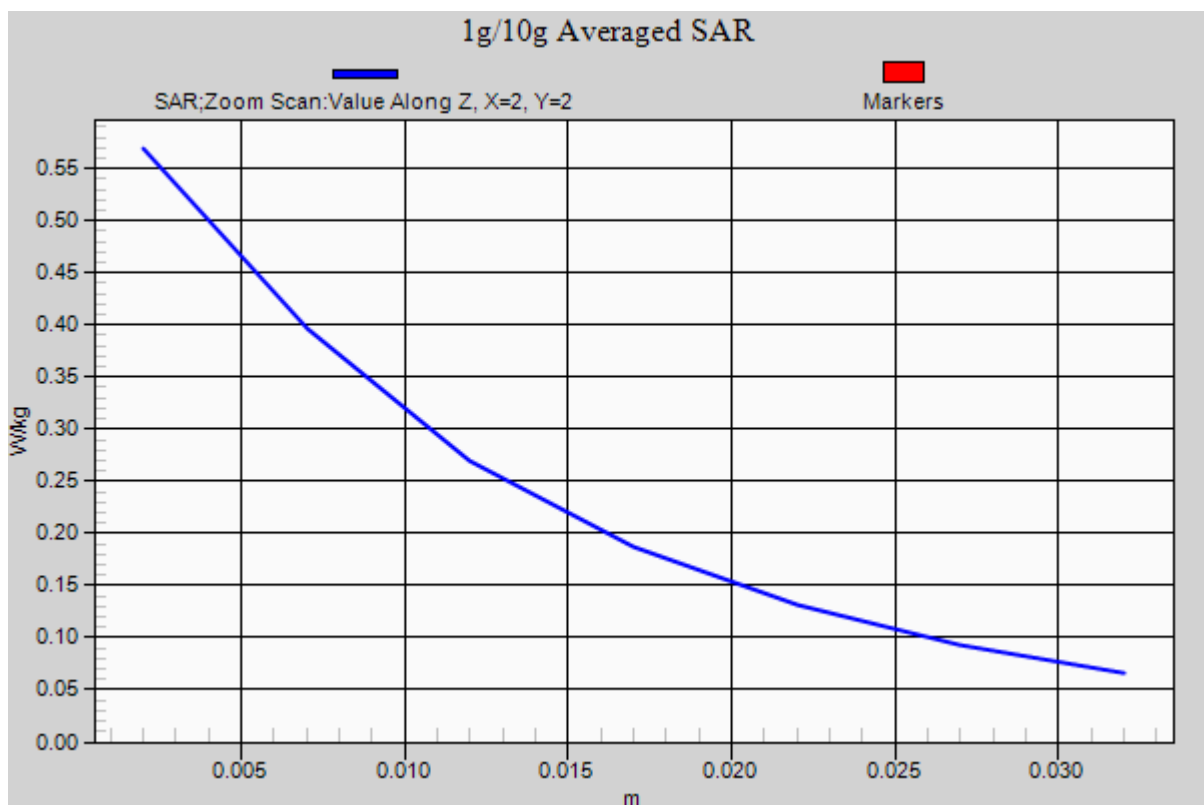
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.662 W/kg

**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.293 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

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

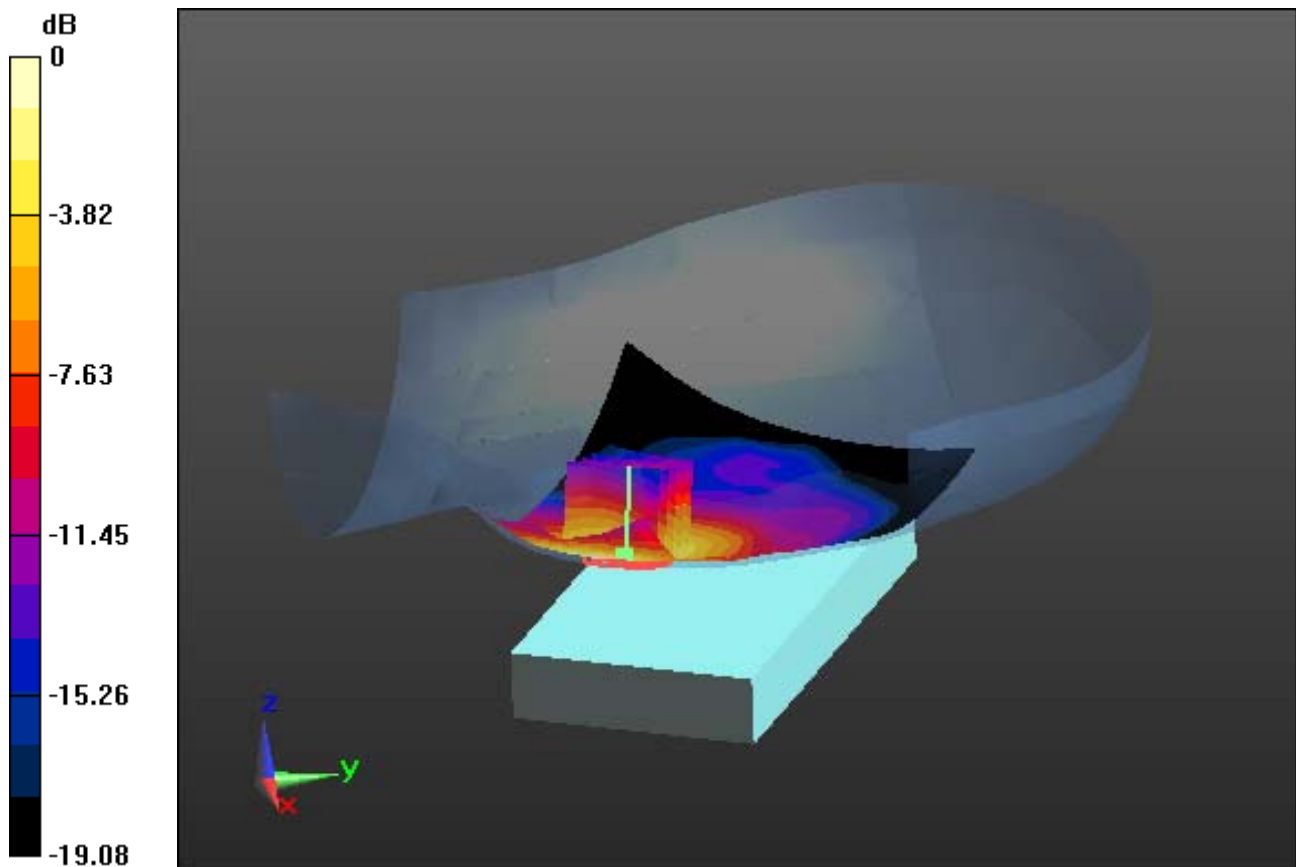
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.277 W/kg**



0 dB = 0.618 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

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

**With Enlarge plot image**

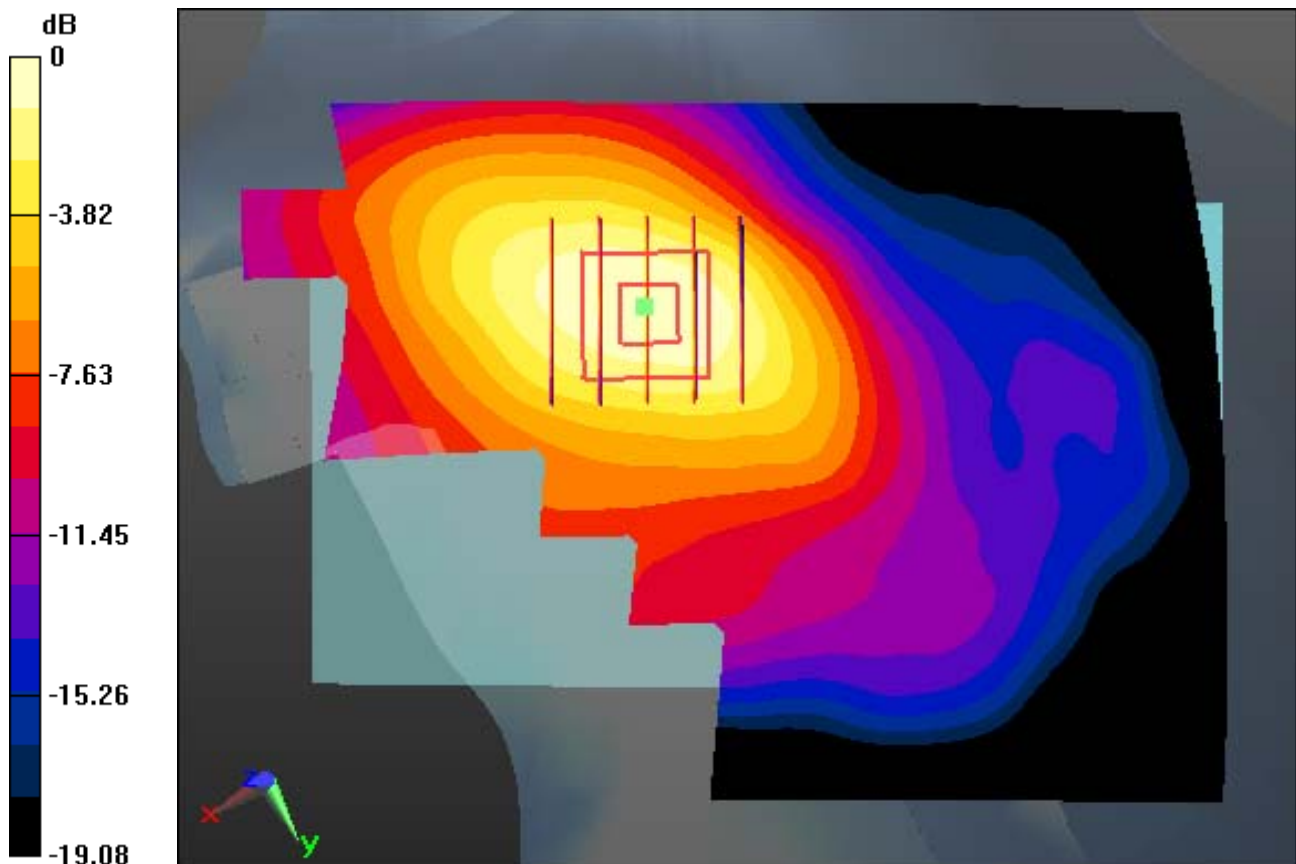
**Area Scan (81x121x1):** Interpolated grid:  $dx=15$ mm,  $dy=15$ mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.277 W/kg**



0 dB = 0.618 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.634$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

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

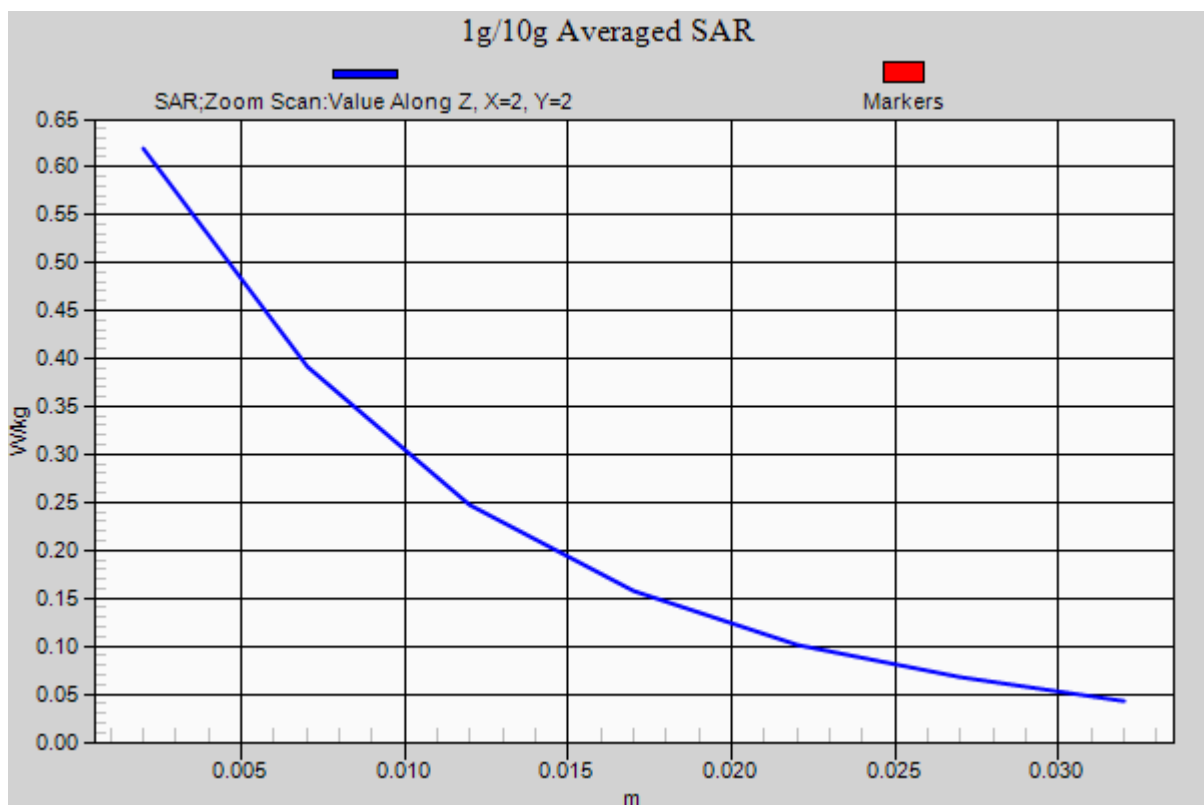
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.277 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.859 \text{ S/m}$ ;  $\epsilon_r = 41.411$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**Right Touch, LTE Band 17 Ch. 23790, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

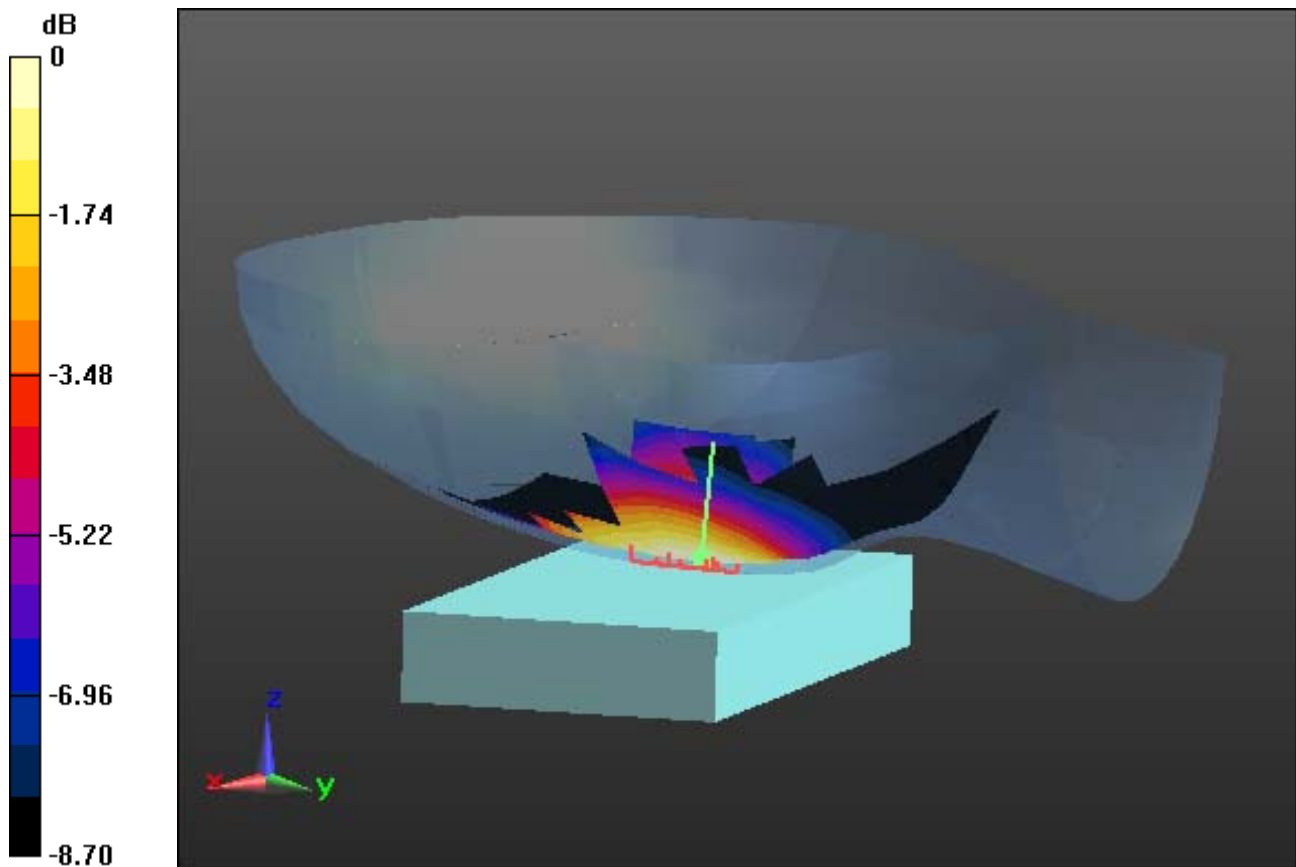
**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.123 W/kg**



0 dB = 0.179 W/kg = -7.47 dBW/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.859 \text{ S/m}$ ;  $\epsilon_r = 41.411$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**Right Touch, LTE Band 17 Ch. 23790, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

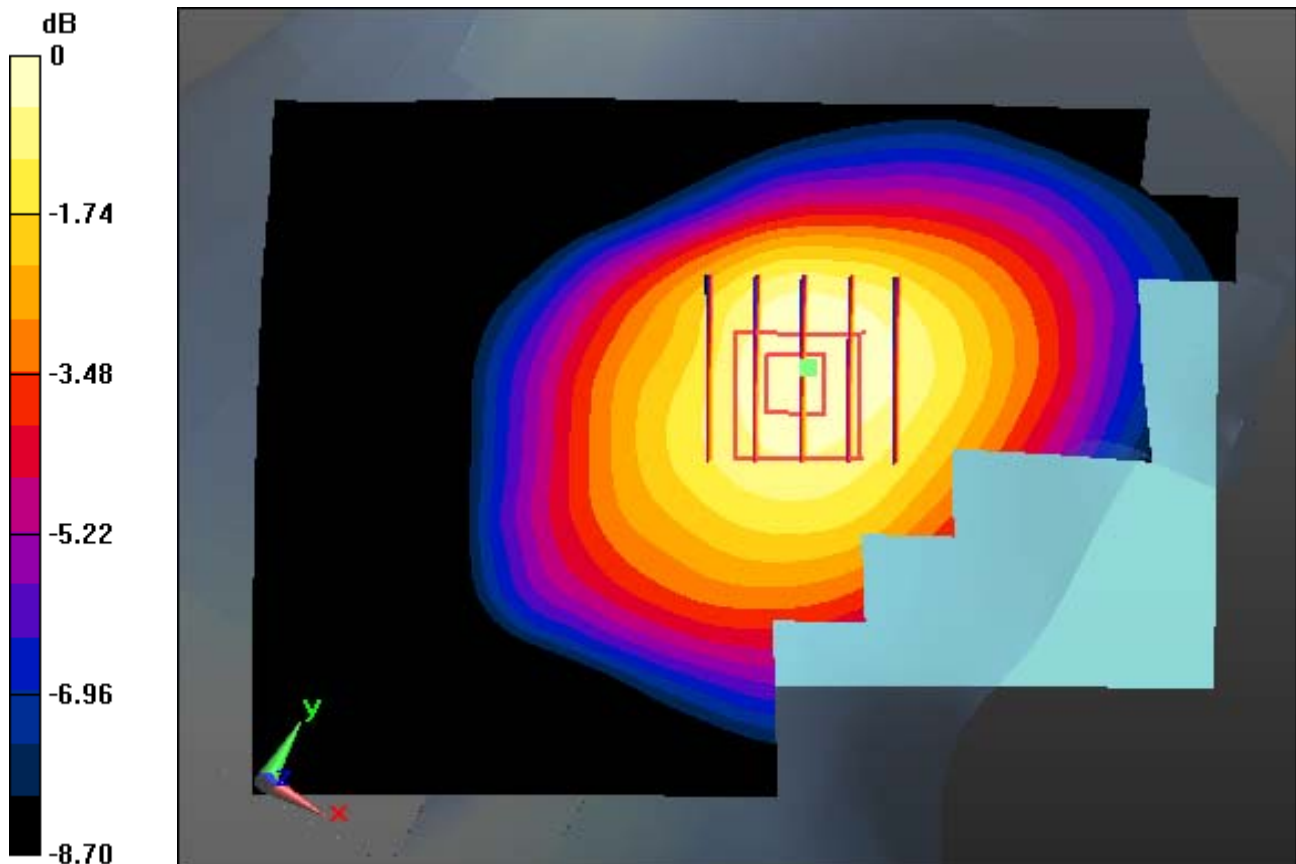
**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.123 W/kg**



0 dB = 0.179 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.859 \text{ S/m}$ ;  $\epsilon_r = 41.411$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**Right Touch, LTE Band 17 Ch. 23790, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

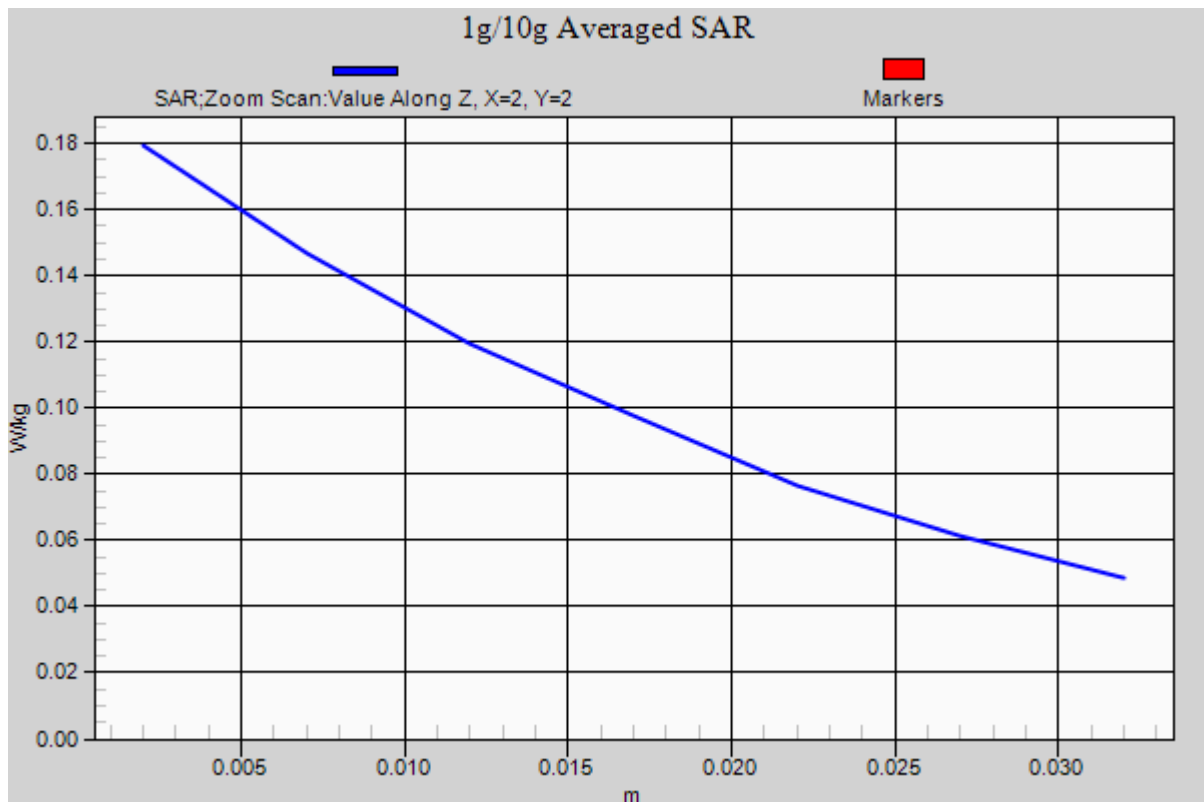
**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.123 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 40.896$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**Right Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

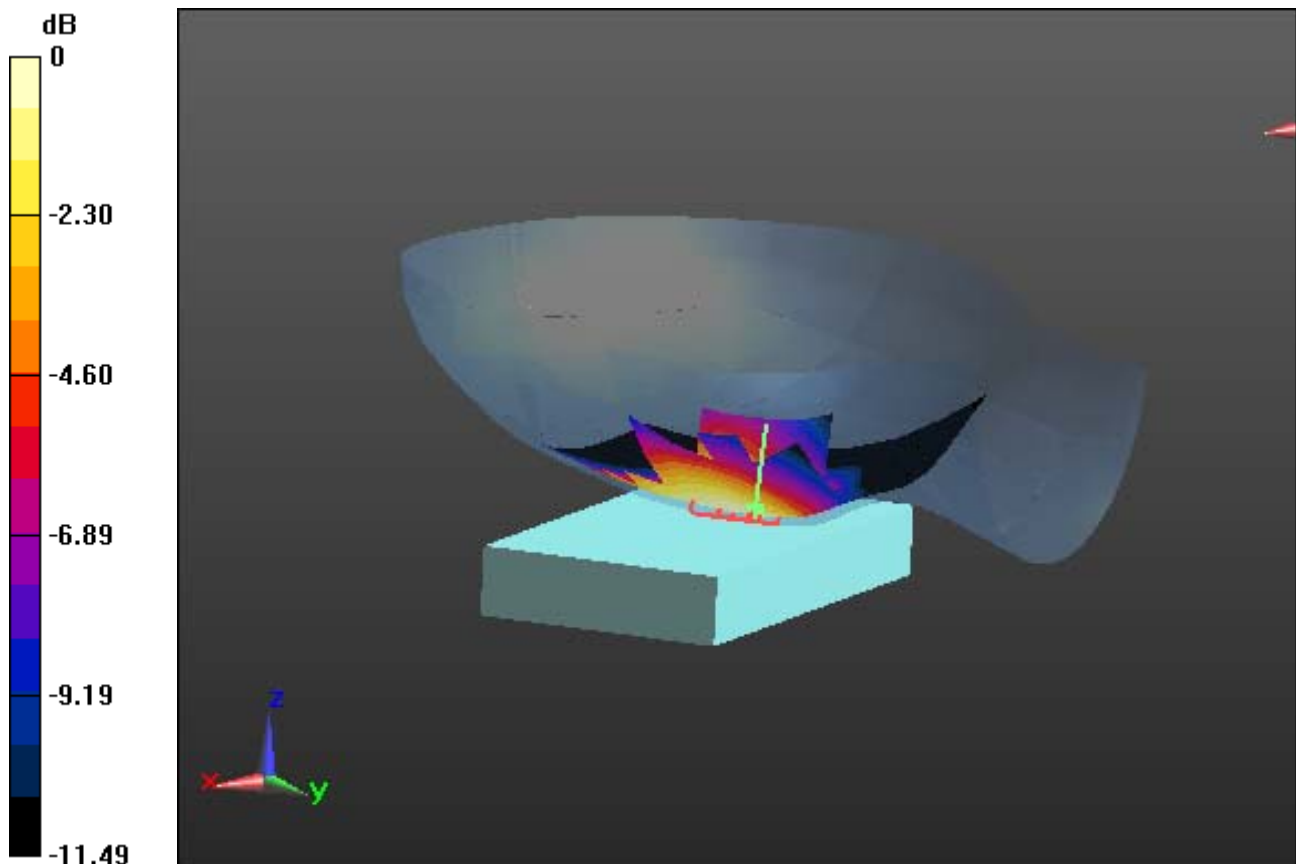
**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.139 W/kg**



0 dB = 0.212 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 40.896$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

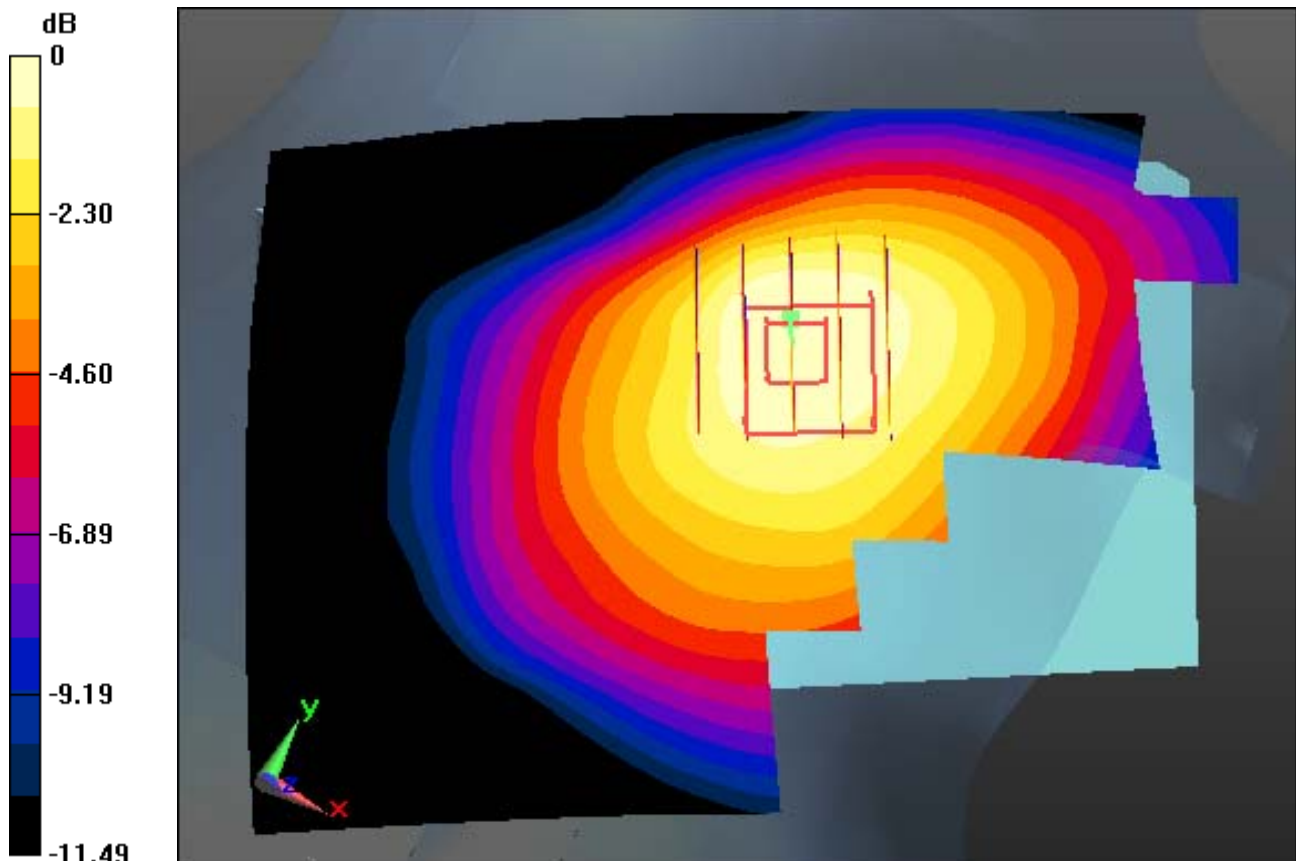
Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**Right Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 0.240 W/kg  
**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.139 W/kg**



0 dB = 0.212 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.91 \text{ S/m}$ ;  $\epsilon_r = 40.896$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(10.19, 10.19, 10.19); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**Right Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

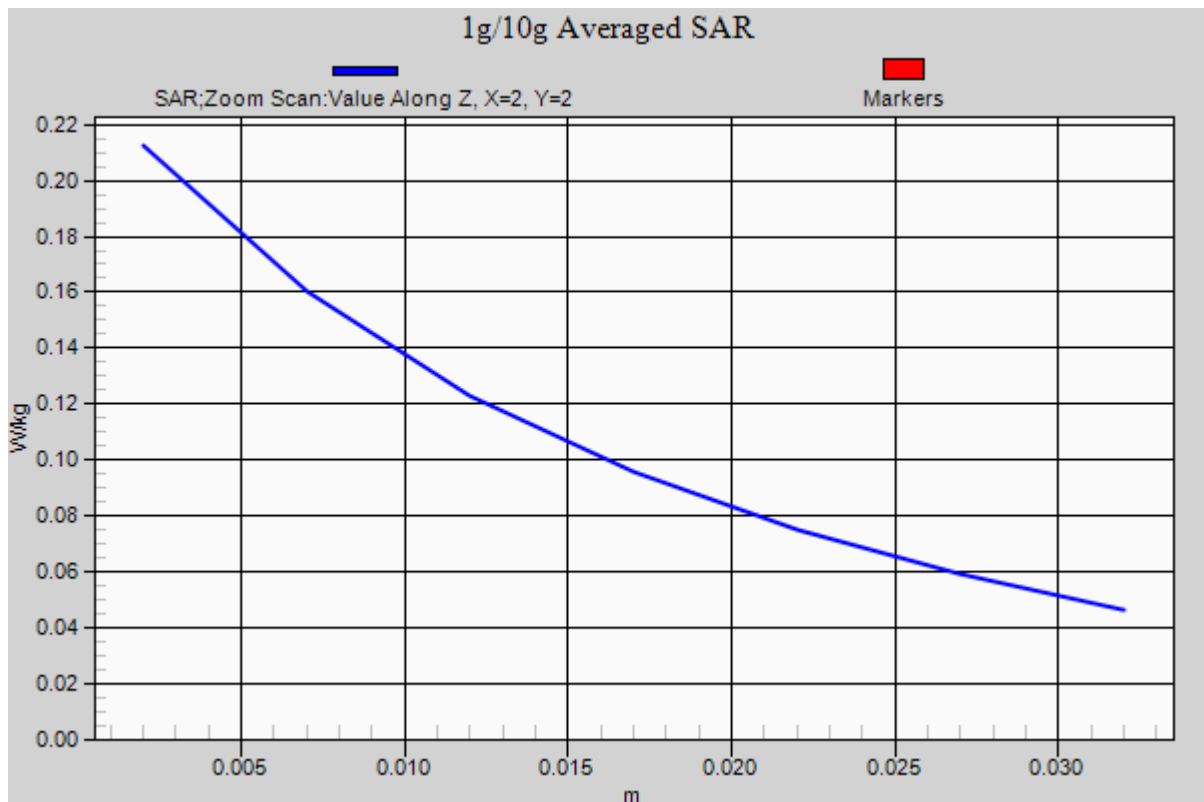
**Area Scan (81x121x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.139 W/kg**





## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**Right Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

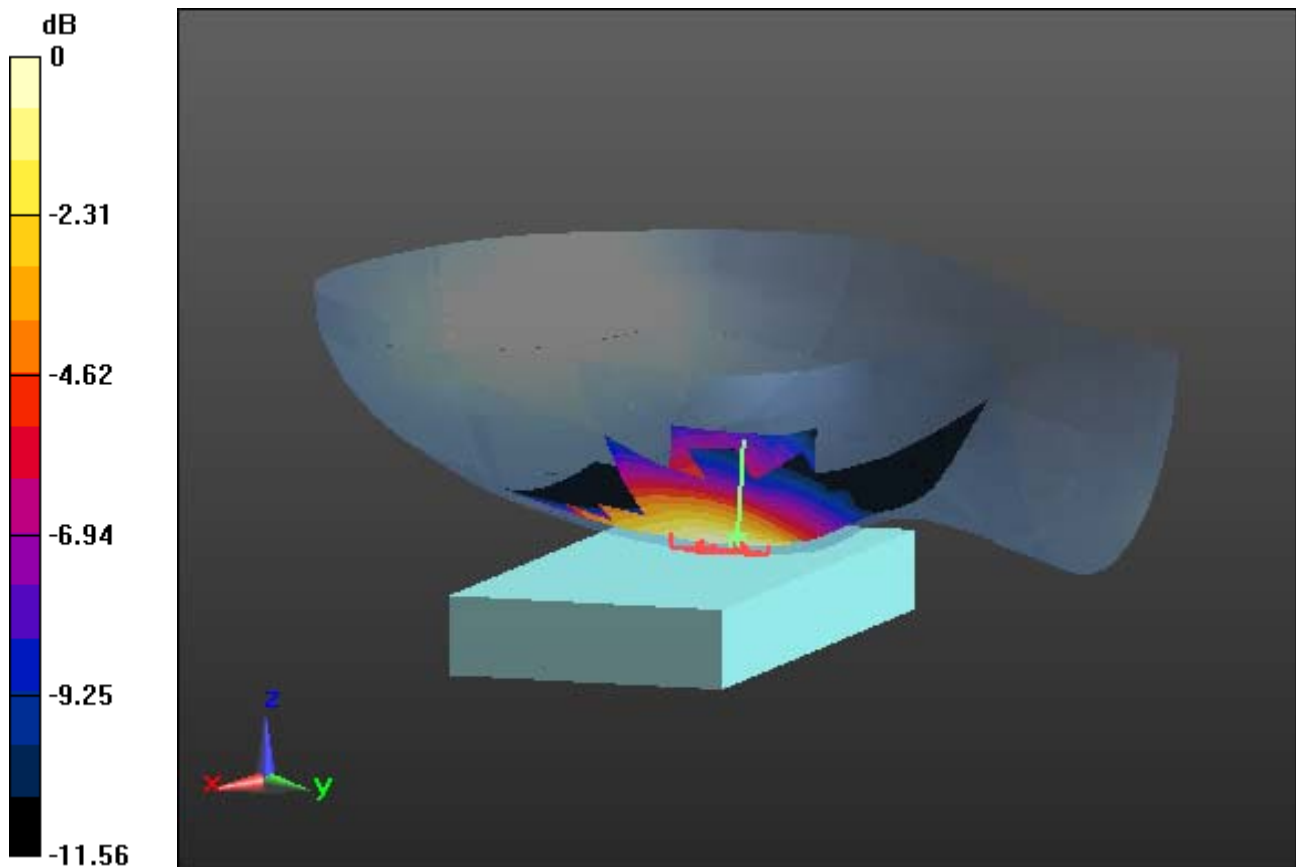
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.207 W/kg**



0 dB = 0.335 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**Right Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

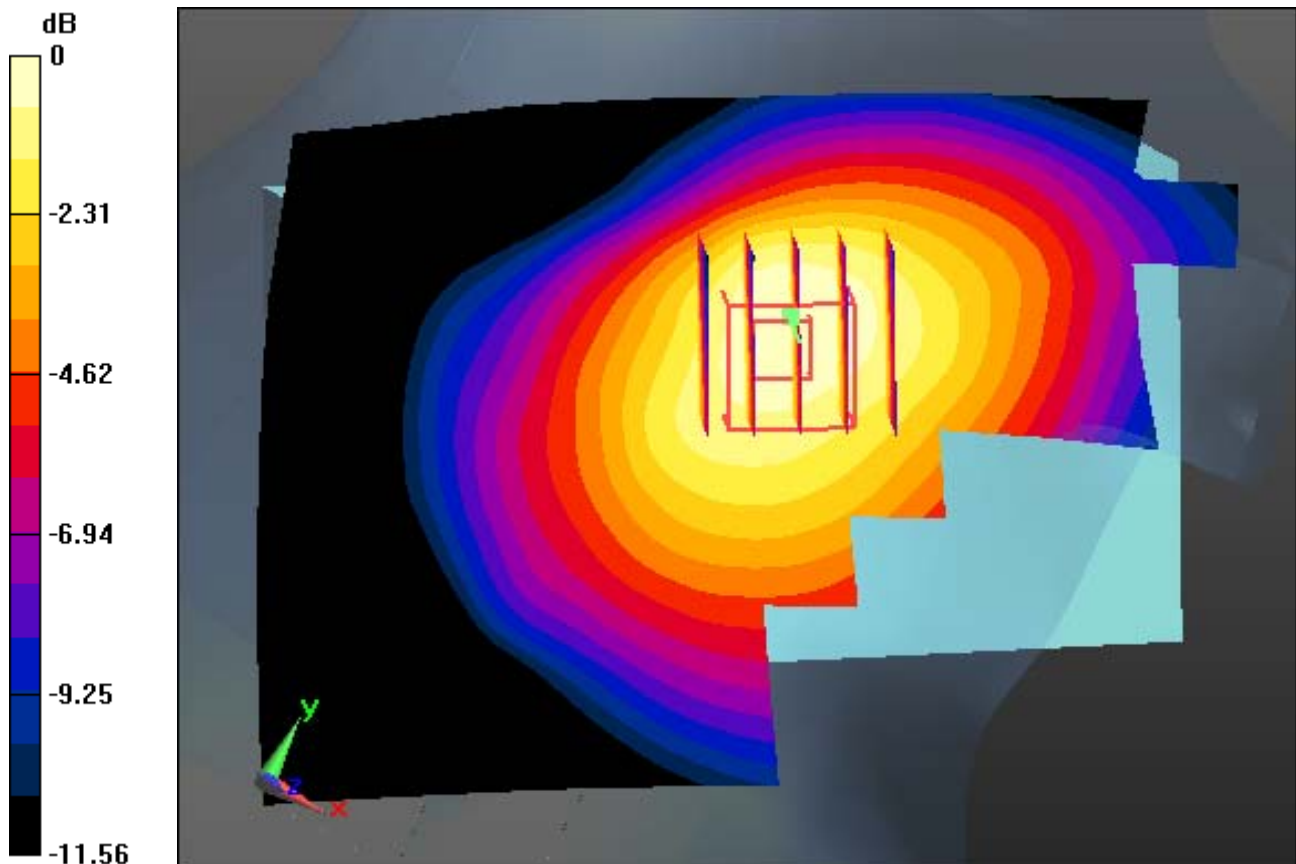
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.207 W/kg**



0 dB = 0.335 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.291$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.81, 9.81, 9.81); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**Right Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

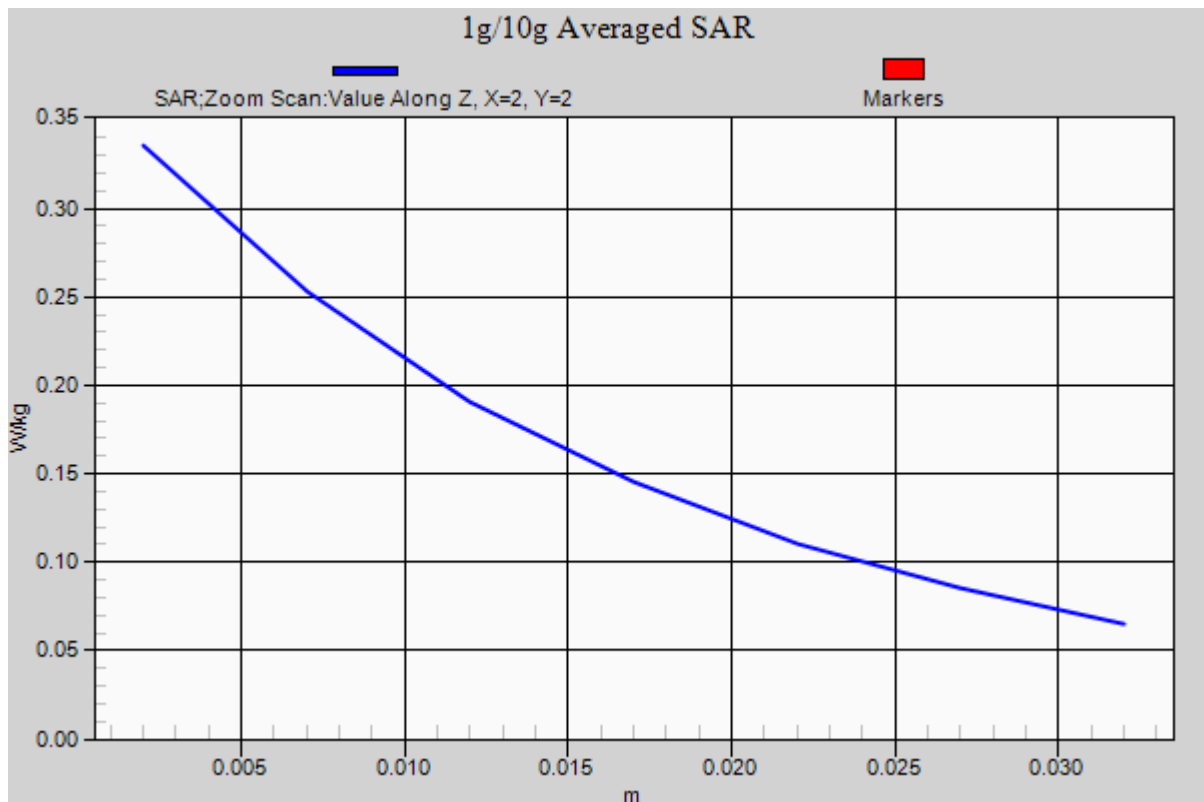
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.207 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 39.111$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

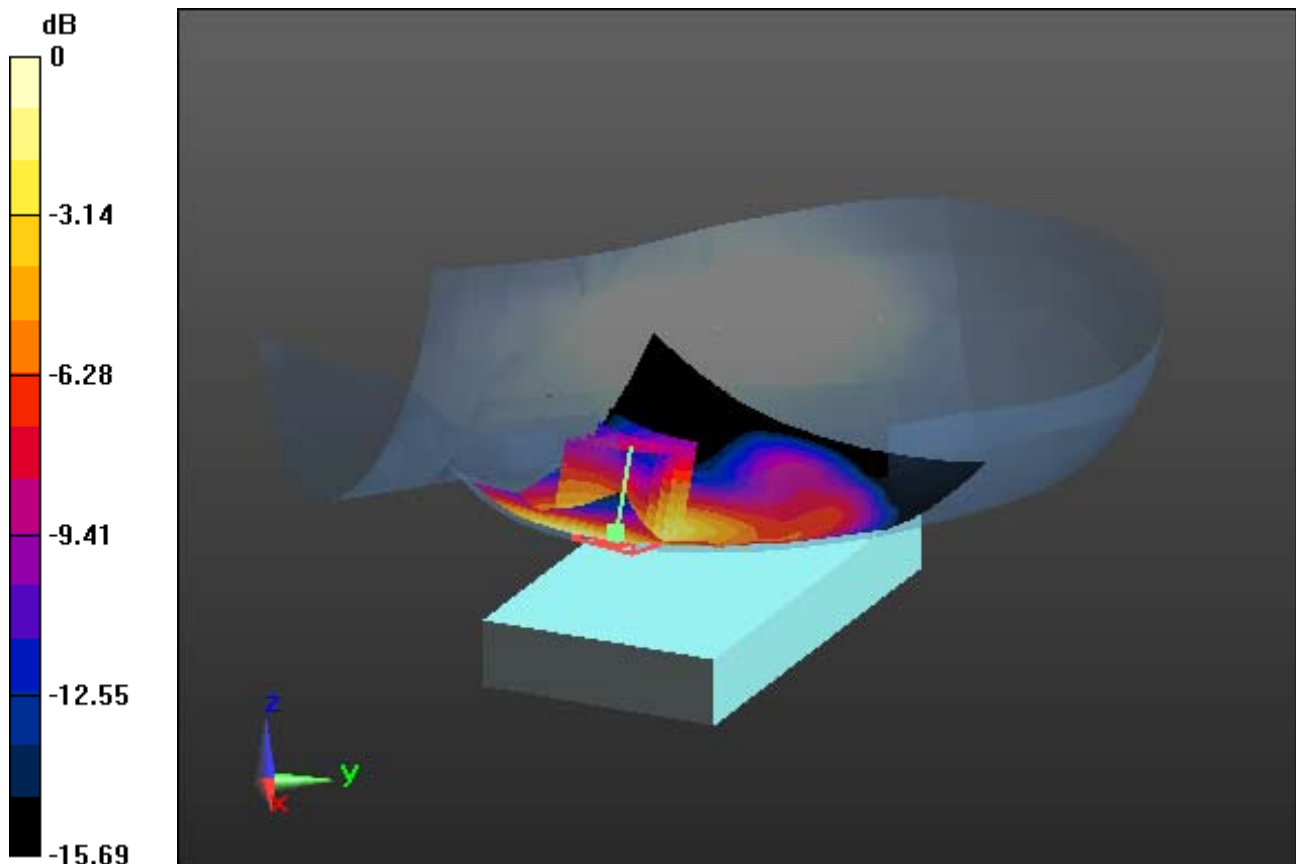
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.315 W/kg**



0 dB = 0.586 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 39.111$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

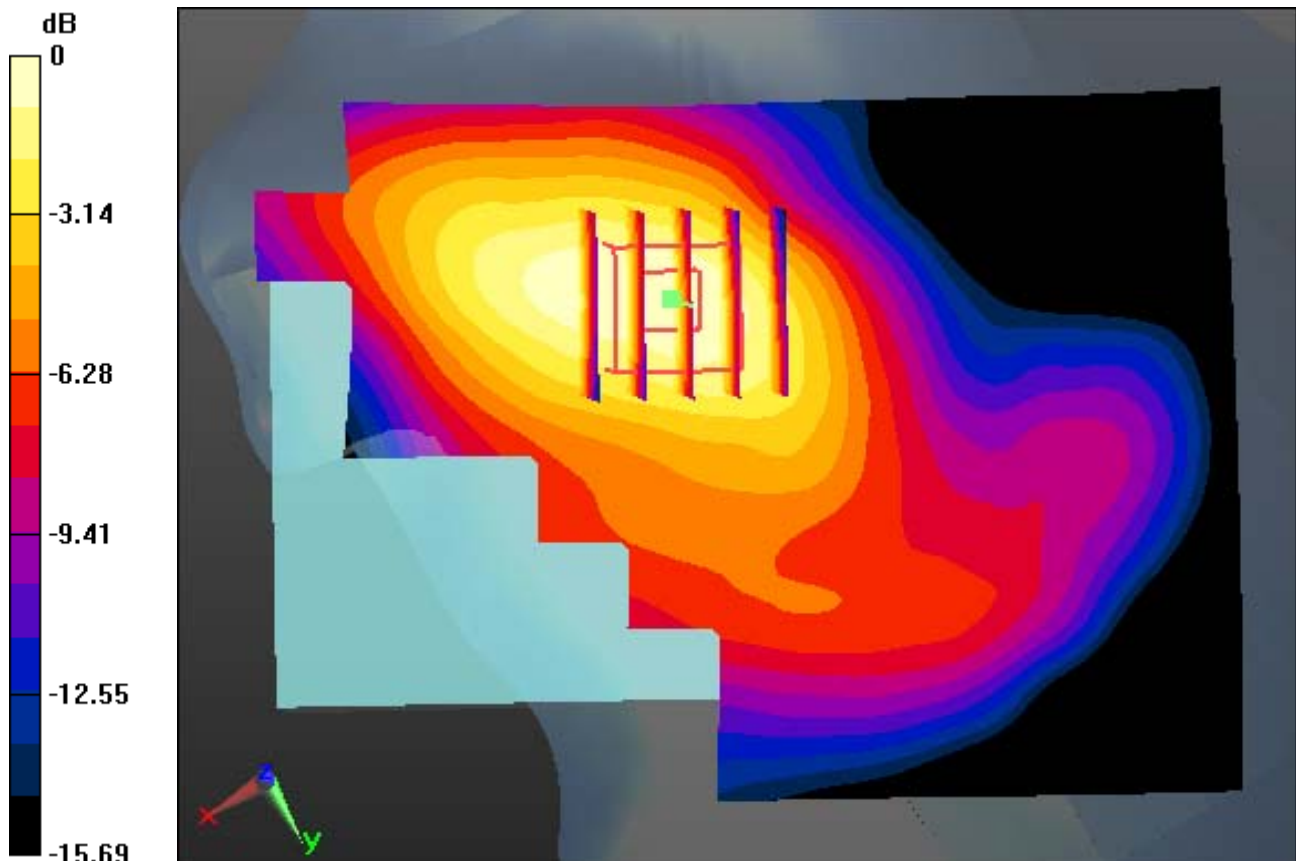
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.315 W/kg**



0 dB = 0.586 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 39.111$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.64, 8.64, 8.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

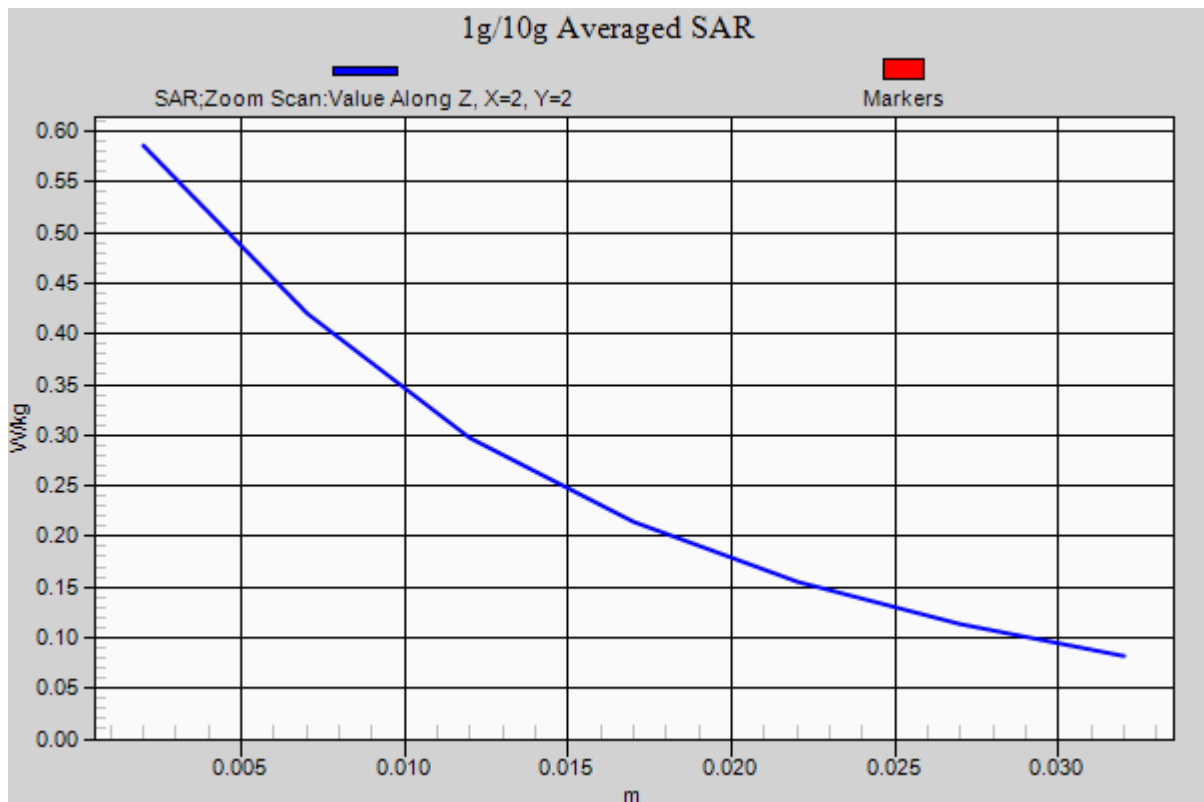
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.670 W/kg

**SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.315 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.395$  S/m;  $\epsilon_r = 39.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**Left Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

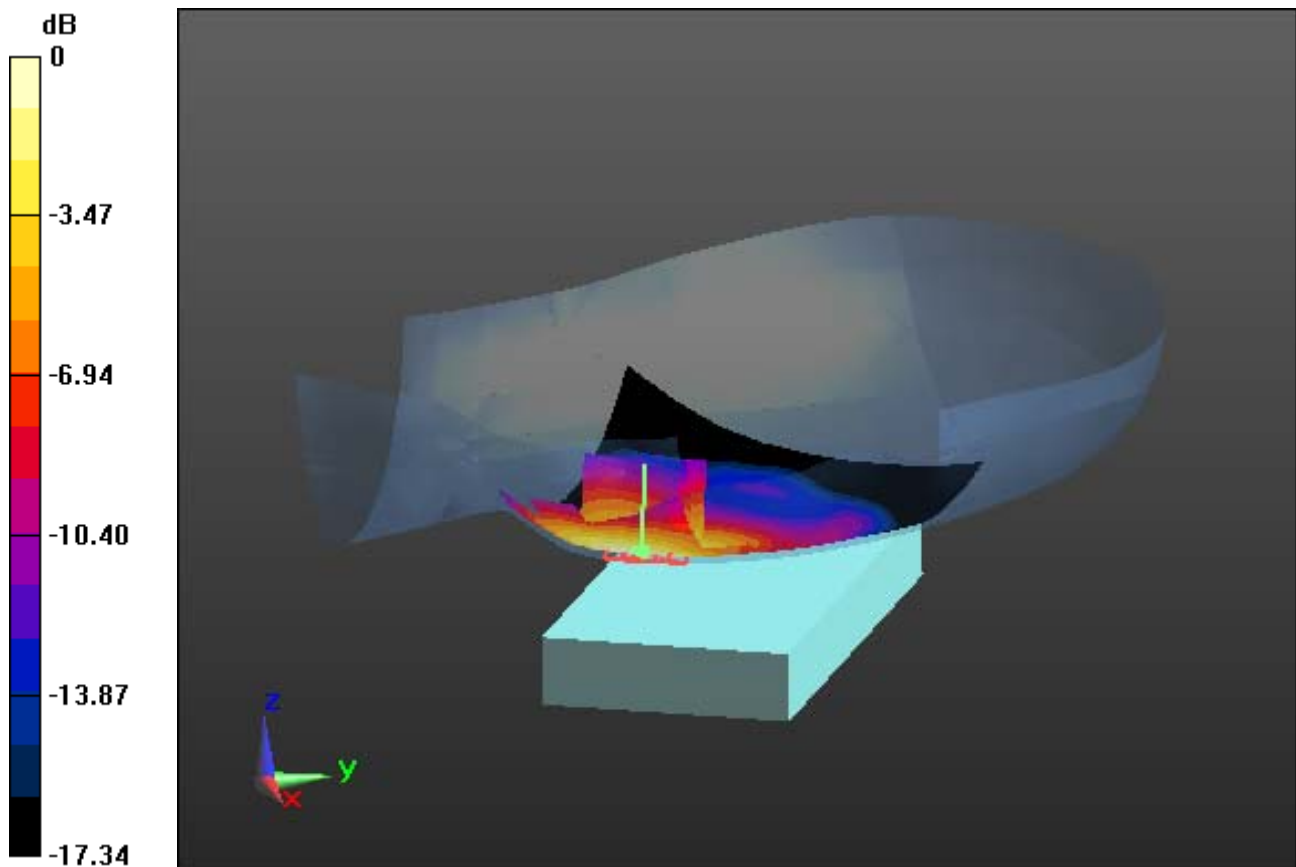
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.184 W/kg**



0 dB = 0.380 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.395$  S/m;  $\epsilon_r = 39.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**Left Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

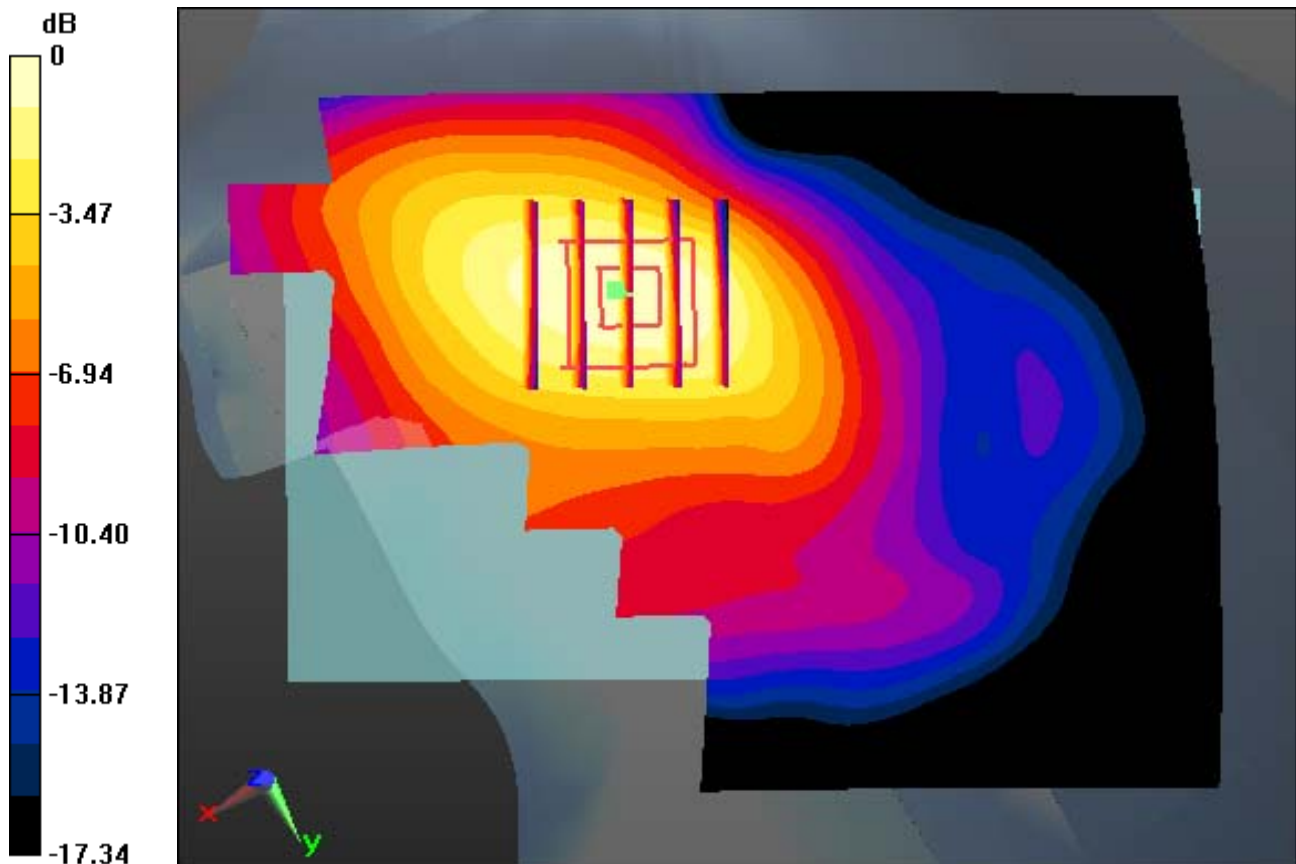
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.184 W/kg**



0 dB = 0.380 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.395$  S/m;  $\epsilon_r = 39.098$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.3, 8.3, 8.3); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**Left Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

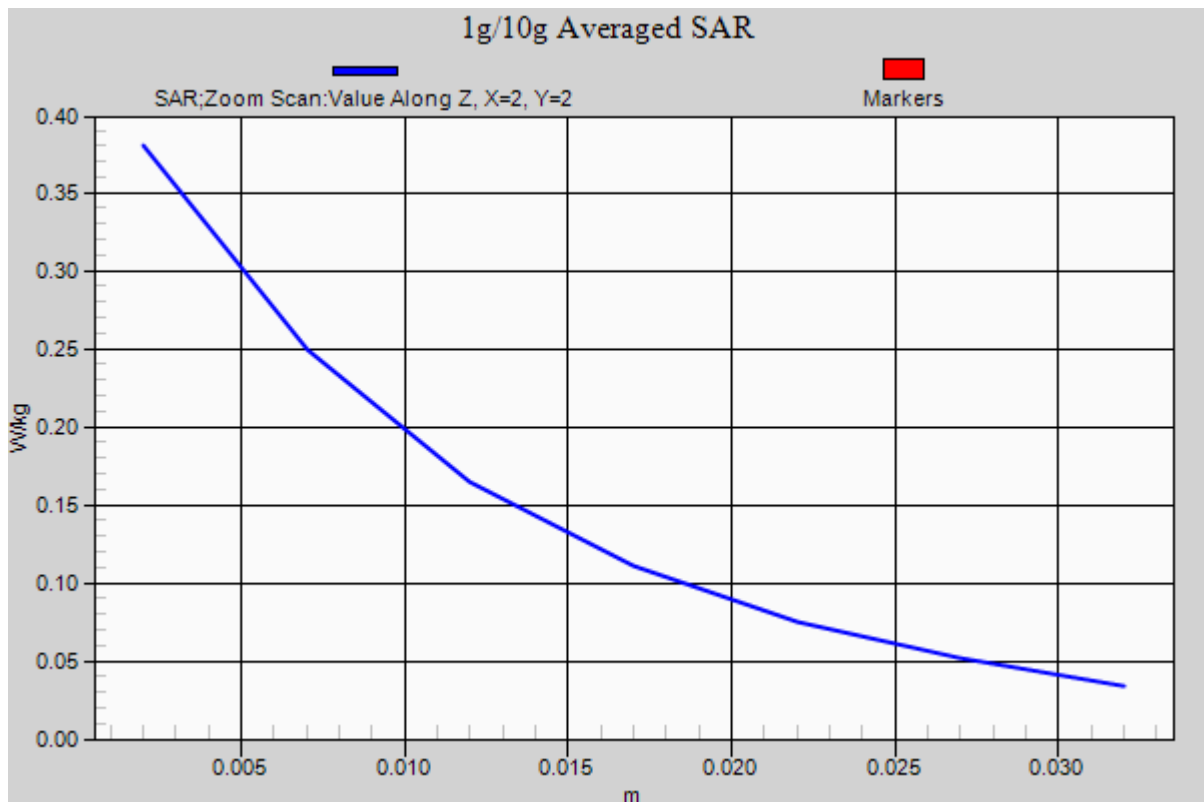
**Area Scan (81x121x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.184 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.816$  S/m;  $\epsilon_r = 40.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

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

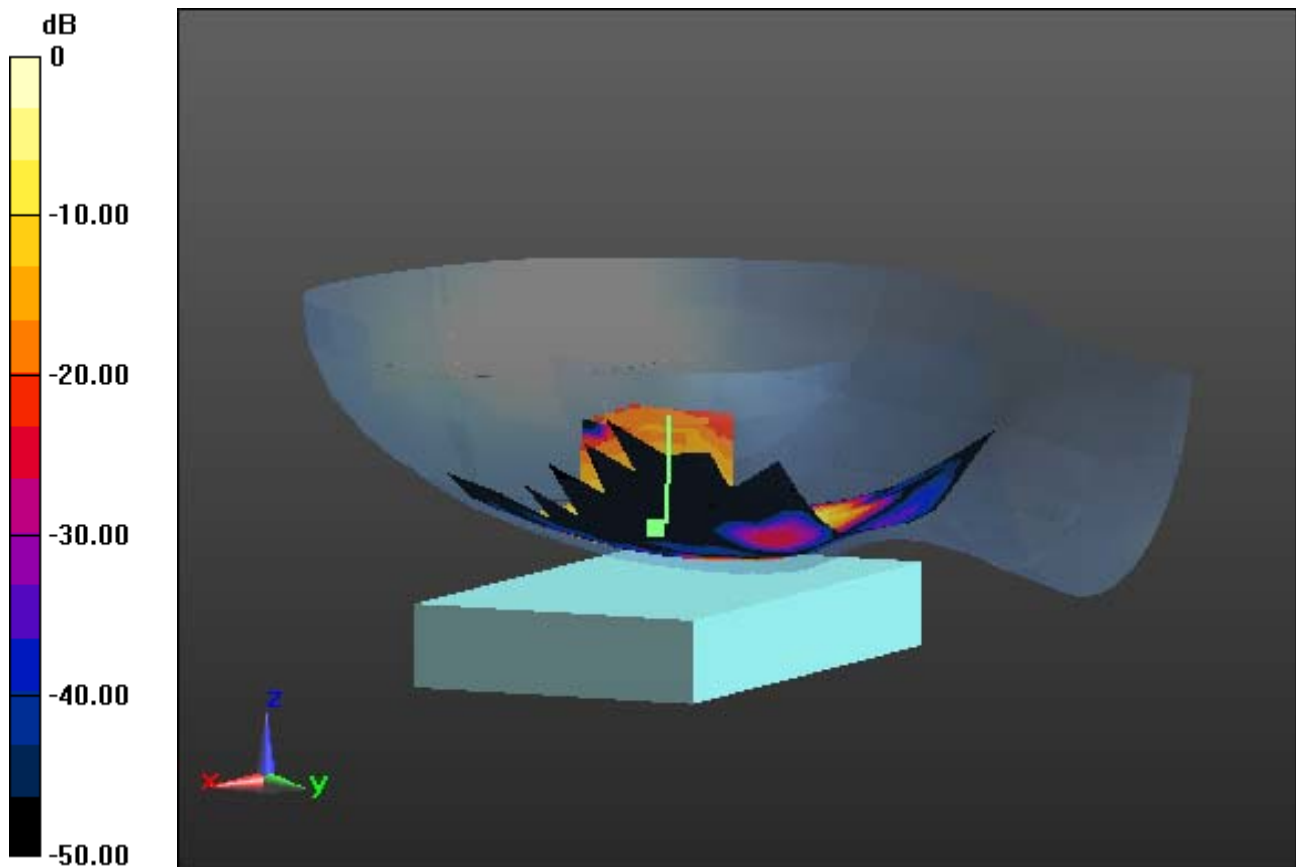
**Area Scan (81x121x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.073 W/kg**



0 dB = 0.198 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.816$  S/m;  $\epsilon_r = 40.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

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

**With Enlarge plot image**

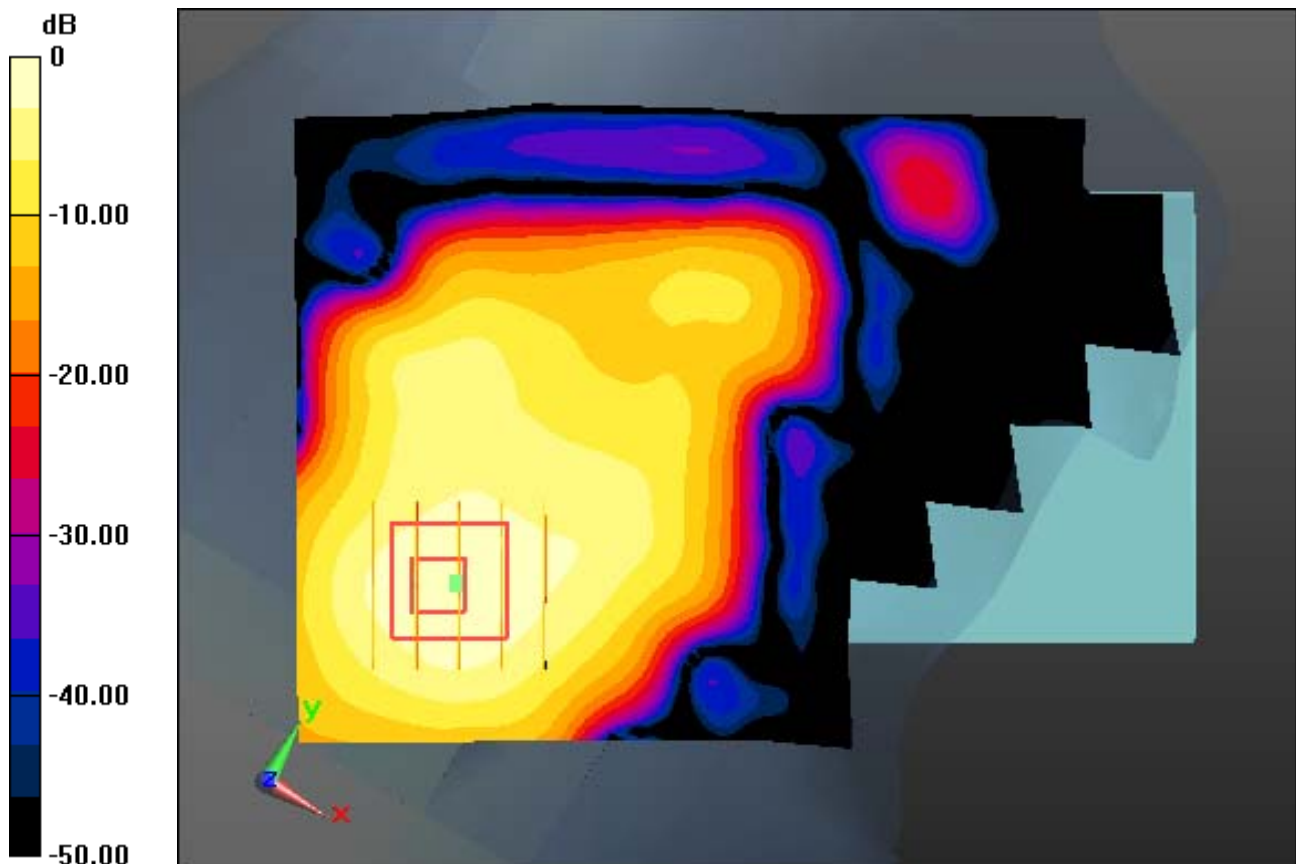
**Area Scan (81x121x1):** Interpolated grid:  $dx=12$ mm,  $dy=12$ mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.073 W/kg**



0 dB = 0.198 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.816$  S/m;  $\epsilon_r = 40.22$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); Calibrated: 2015-05-27; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

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

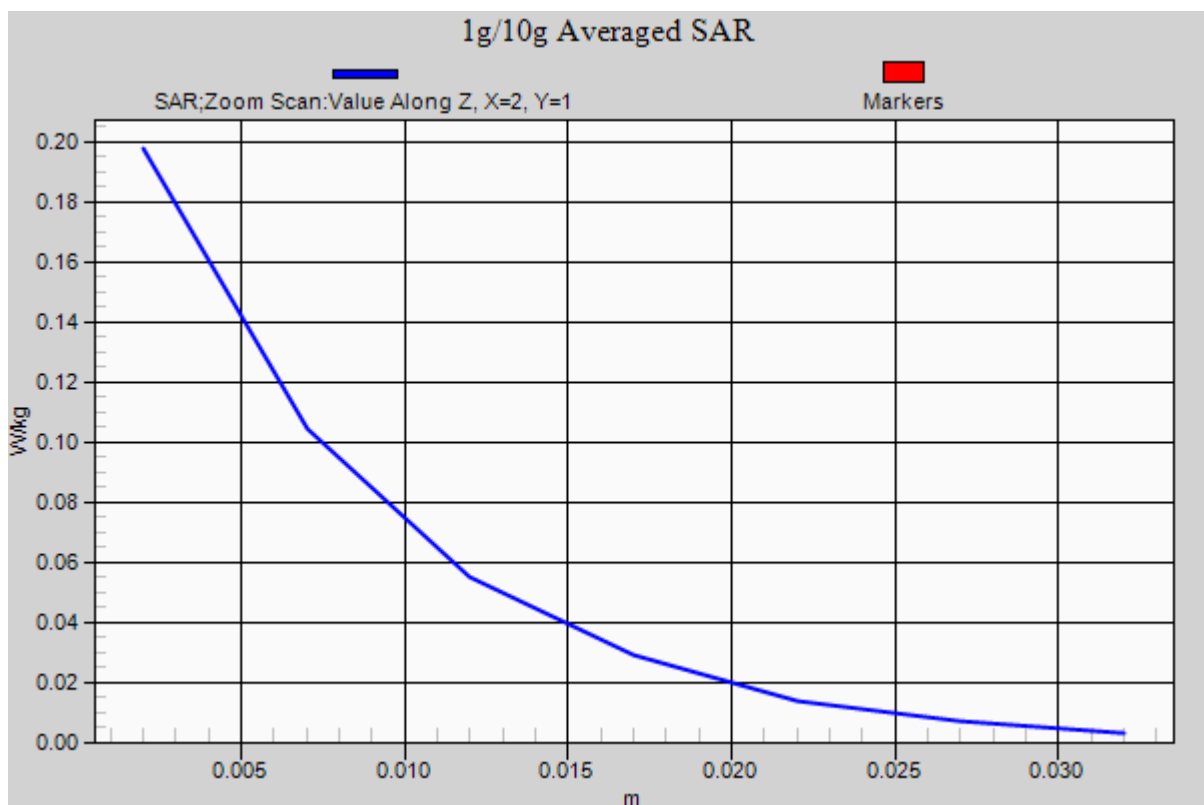
**Area Scan (81x121x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.073 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300 \text{ MHz}$ ;  $\sigma = 4.807 \text{ S/m}$ ;  $\epsilon_r = 37.149$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-29; Ambient Temp: 21.4; Tissue Temp: 21.9

**Right Touch, W-LAN(802.11a-5.3G) Ch. 60, Ant Internal, Standard Battery**

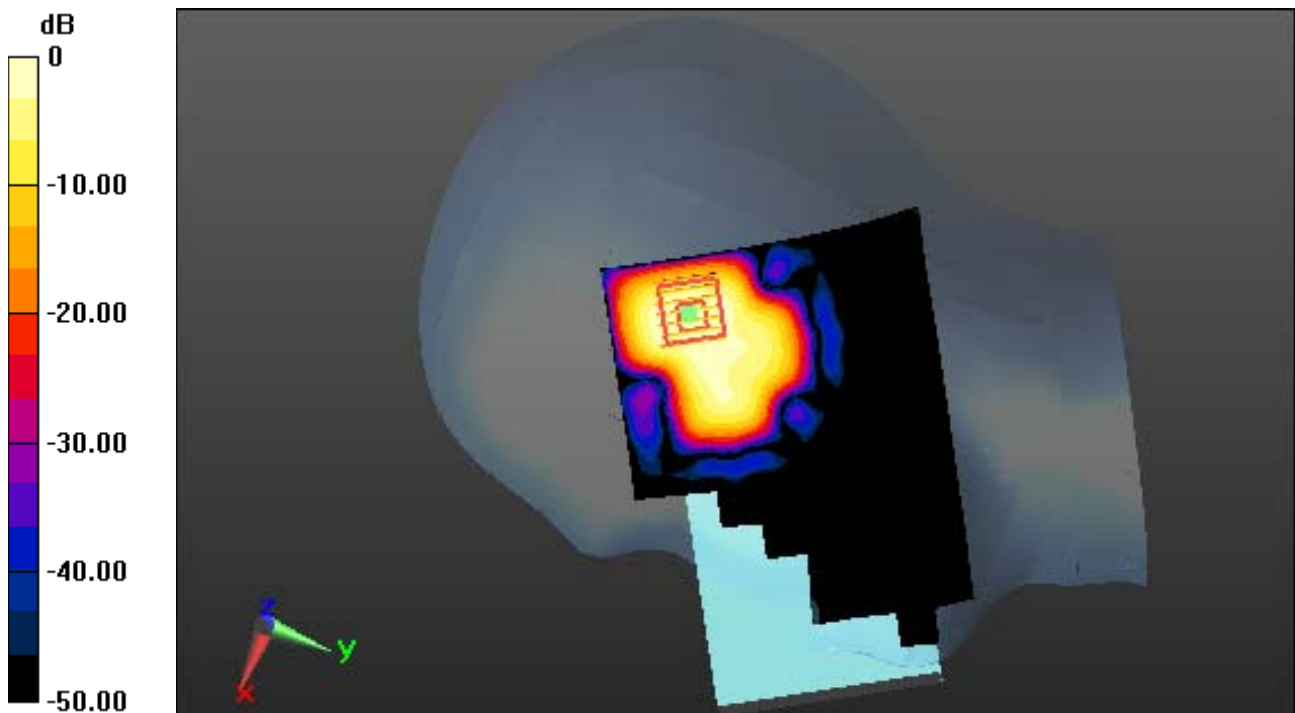
**Area Scan (81x121x1):** Interpolated grid:  $dx=10 \text{ mm}$ ,  $dy=10 \text{ mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.050 W/kg**



0 dB = 0.177 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.807$  S/m;  $\epsilon_r = 37.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-29; Ambient Temp: 21.4; Tissue Temp: 21.9

**Right Touch, W-LAN(802.11a-5.3G) Ch. 60, Ant Internal, Standard Battery**

**With Enlarge plot image**

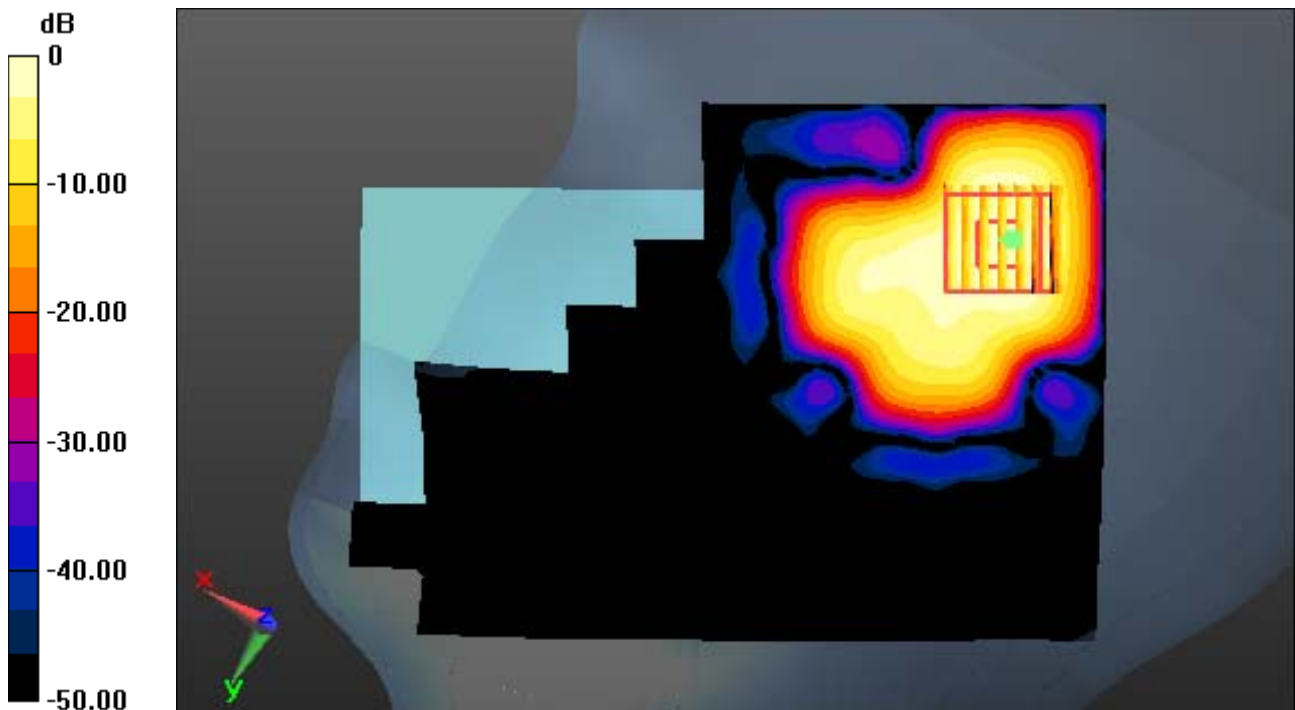
**Area Scan (81x121x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.050 W/kg**



0 dB = 0.177 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5300 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.807$  S/m;  $\epsilon_r = 37.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-29; Ambient Temp: 21.4; Tissue Temp: 21.9

### **Right Touch, W-LAN(802.11a-5.3G) Ch. 60, Ant Internal, Standard Battery**

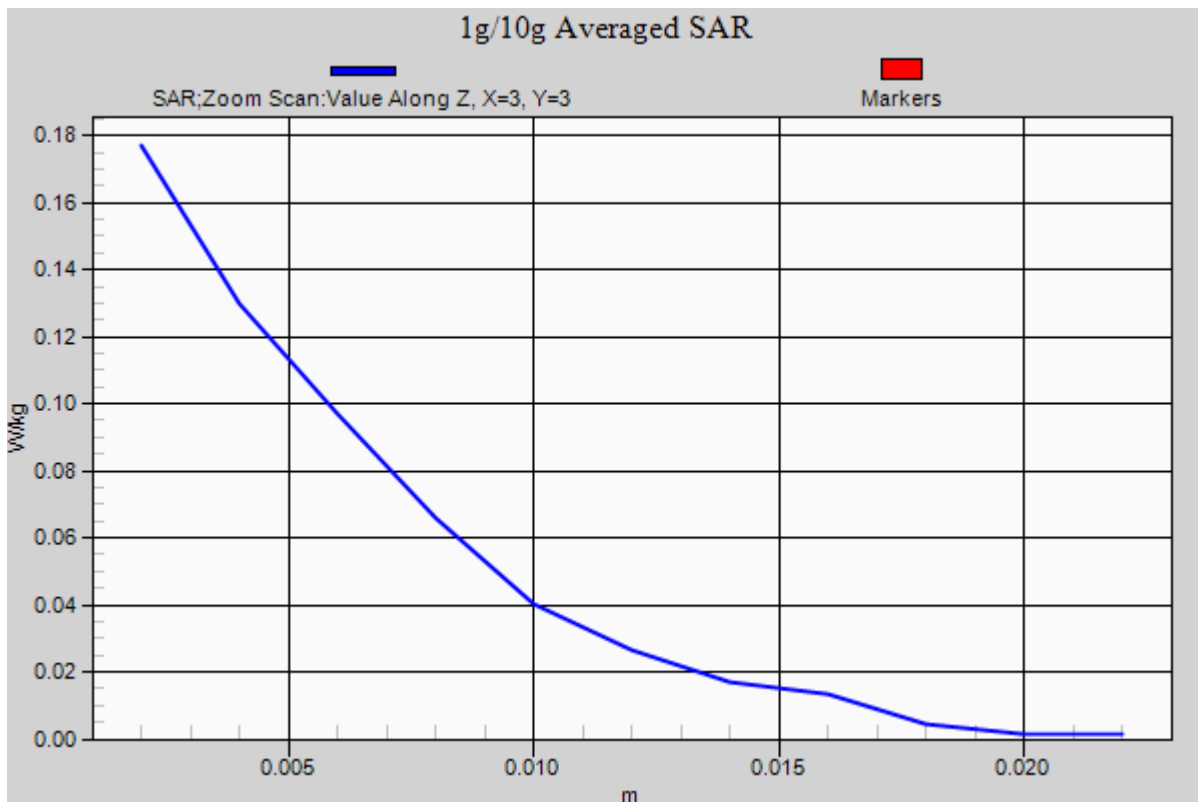
**Area Scan (81x121x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.050 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.922$  S/m;  $\epsilon_r = 36.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

### **Right Touch, W-LAN(802.11a-5.6G) Ch. 100, Ant Internal**

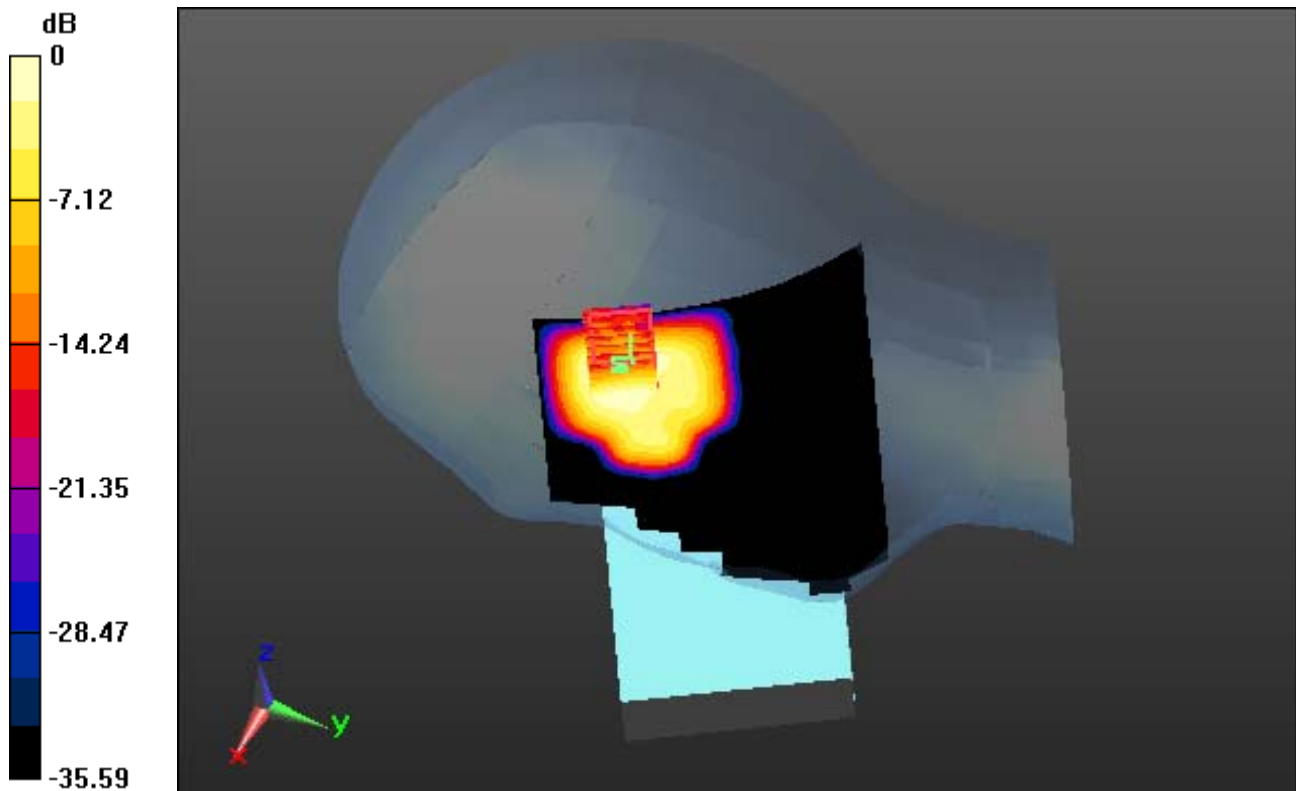
**Area Scan (81x121x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.064 W/kg**



0 dB = 0.217 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.922$  S/m;  $\epsilon_r = 36.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

**Right Touch, W-LAN(802.11a-5.6G) Ch. 100, Ant Internal**

**With Enlarge Plot image**

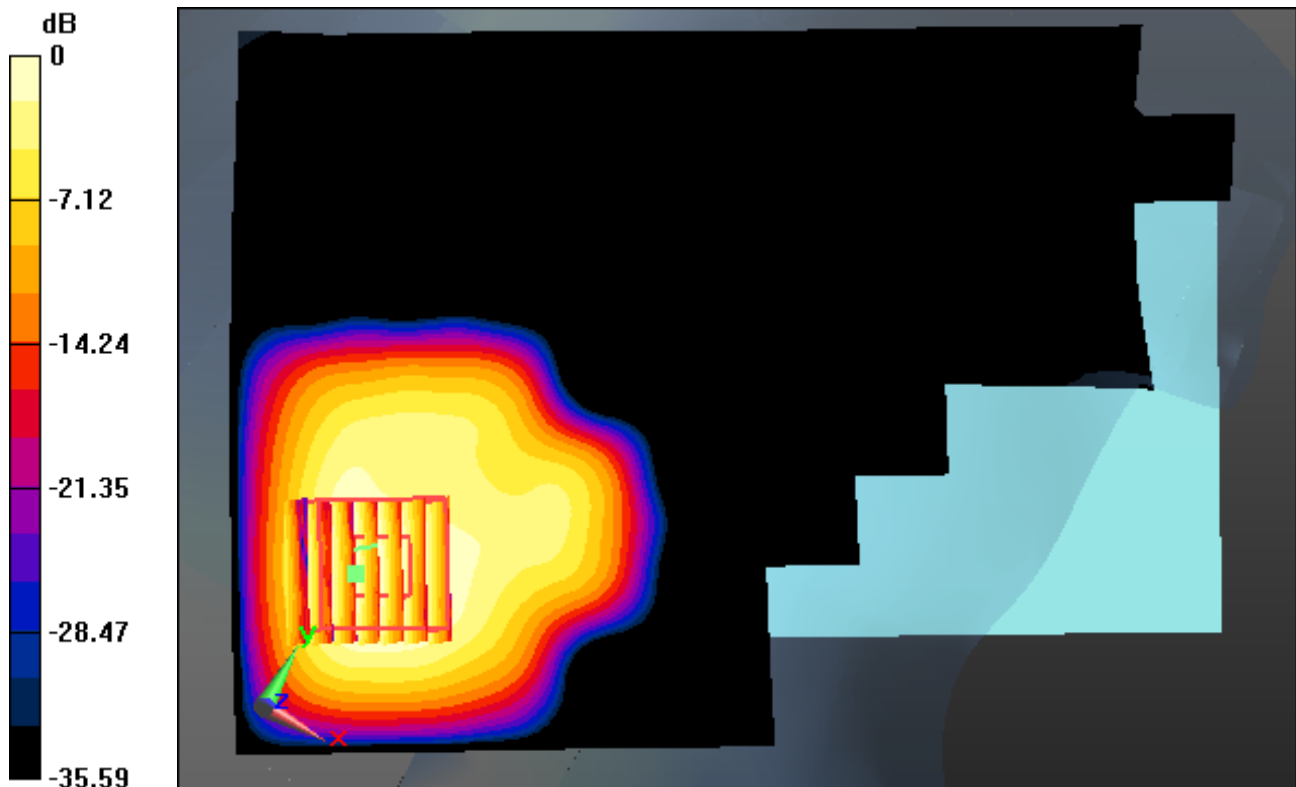
**Area Scan (81x121x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.064 W/kg



0 dB = 0.217 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.922$  S/m;  $\epsilon_r = 36.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.5, 4.5, 4.5); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-30; Ambient Temp: 21.3; Tissue Temp: 21.7

### **Right Touch, W-LAN(802.11a-5.6G) Ch. 100, Ant Internal**

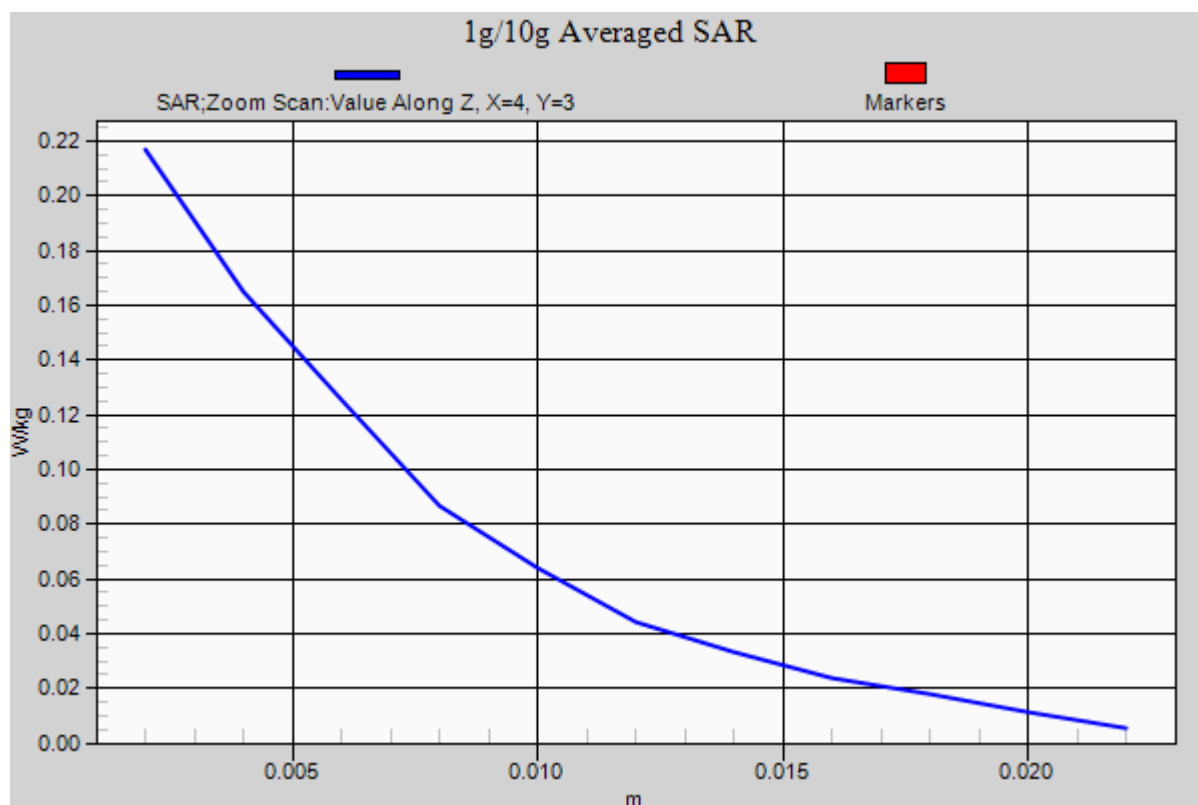
**Area Scan (81x121x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.273 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.064 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.211 \text{ S/m}$ ;  $\epsilon_r = 36.177$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

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

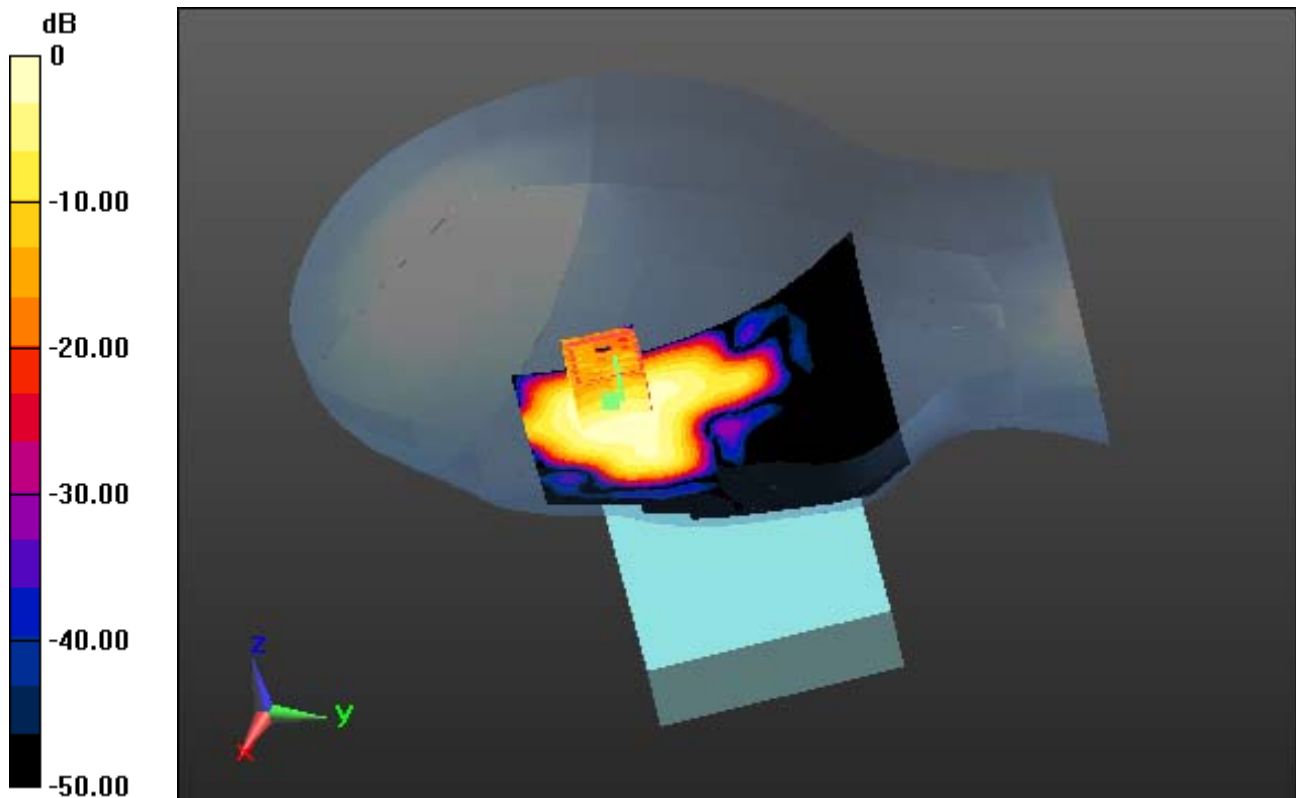
**Area Scan (81x121x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.059 W/kg**



0 dB = 0.206 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.211 \text{ S/m}$ ;  $\epsilon_r = 36.177$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

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

**With Enlarge Plot image**

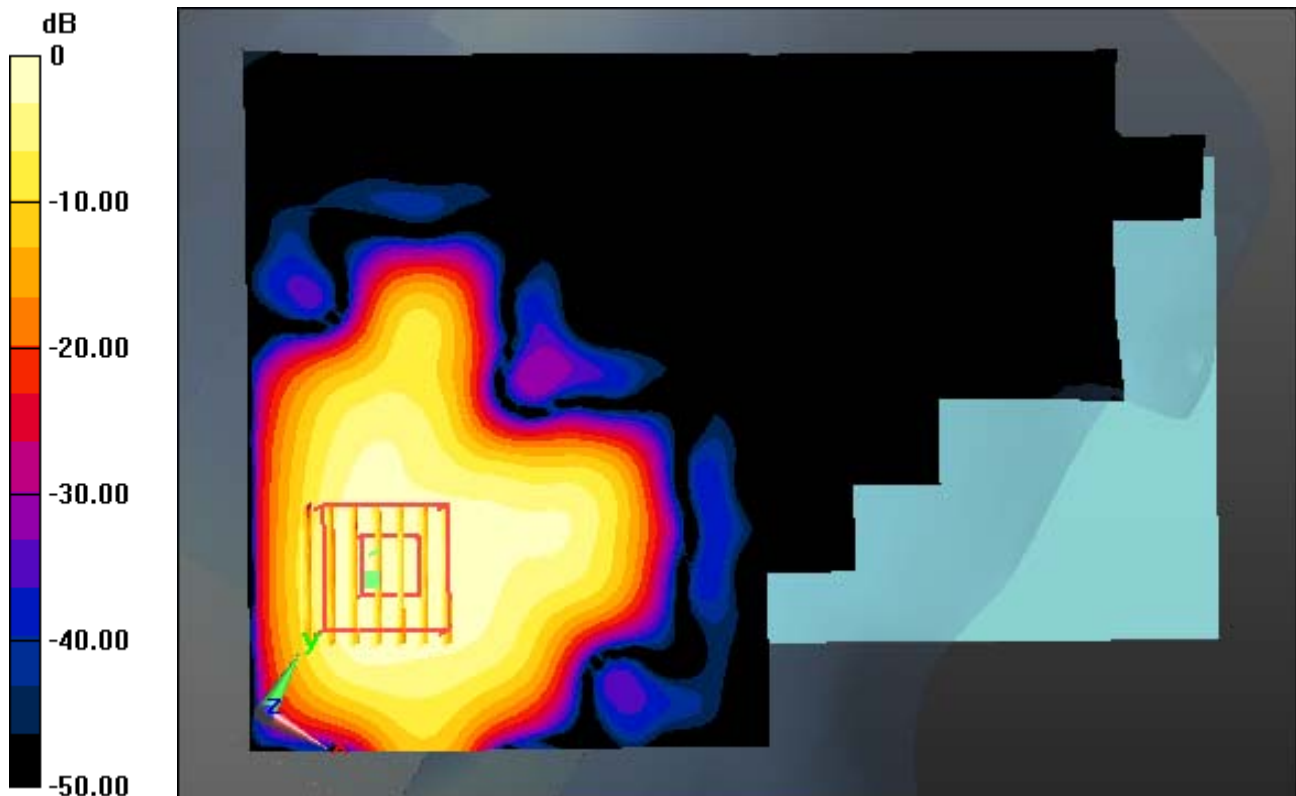
**Area Scan (81x121x1):** Interpolated grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.206 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: W-LAN\_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.211$  S/m;  $\epsilon_r = 36.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

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

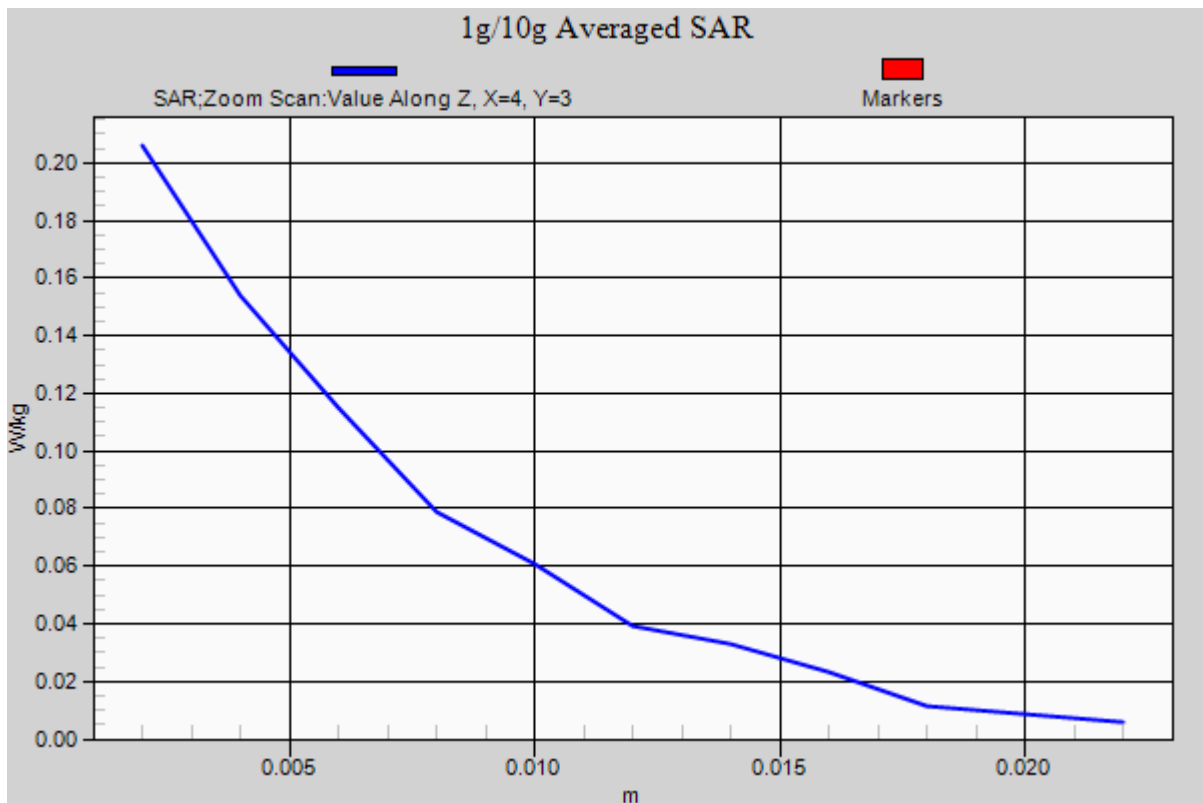
**Area Scan (81x121x1):** Interpolated grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.267 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.059 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1 Tissue Temp: 21.6

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

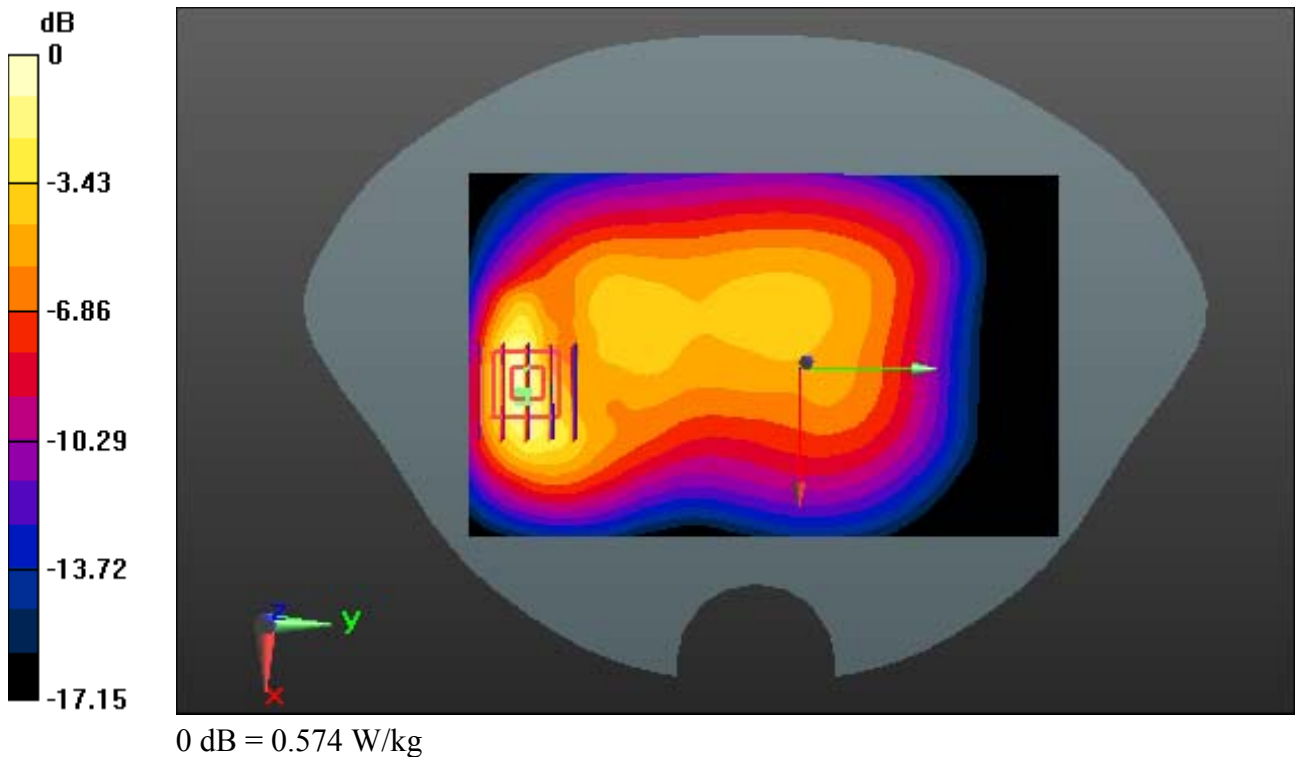
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.743 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.218 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1 Tissue Temp: 21.6

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

**With Enlarge plot image**

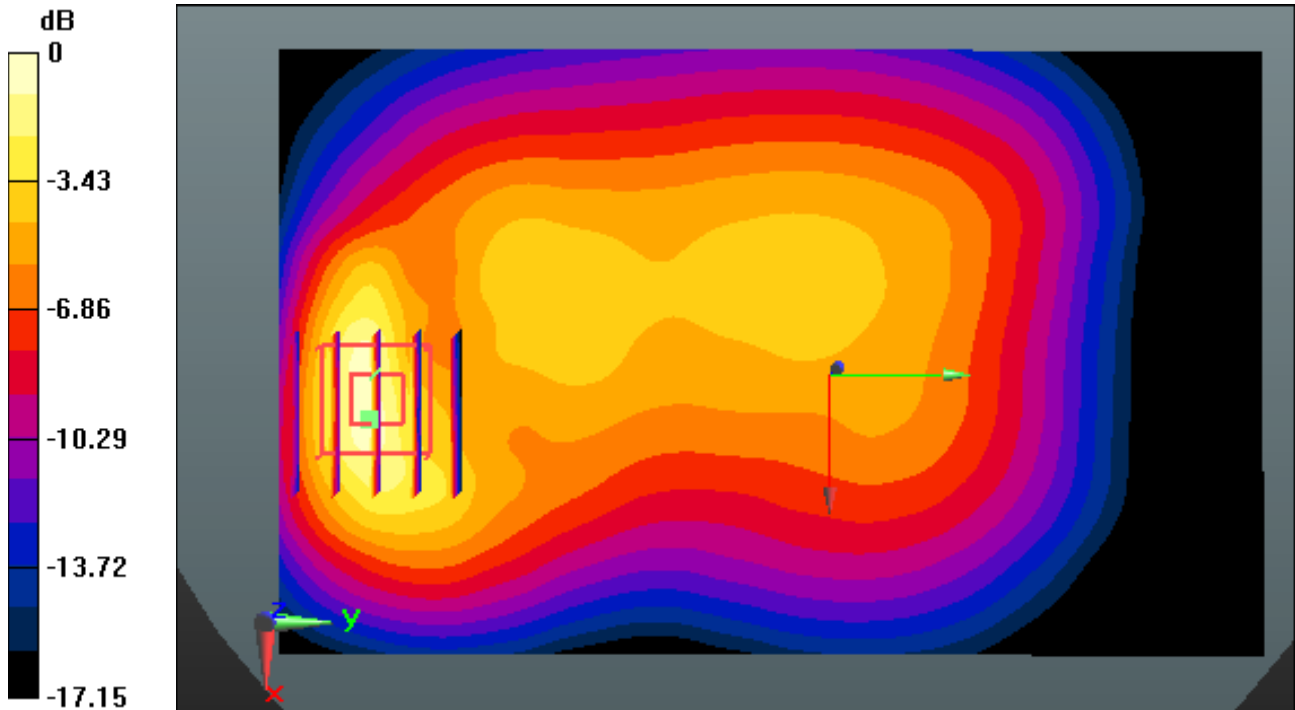
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.743 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.218 W/kg**



0 dB = 0.574 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1 Tissue Temp: 21.6

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

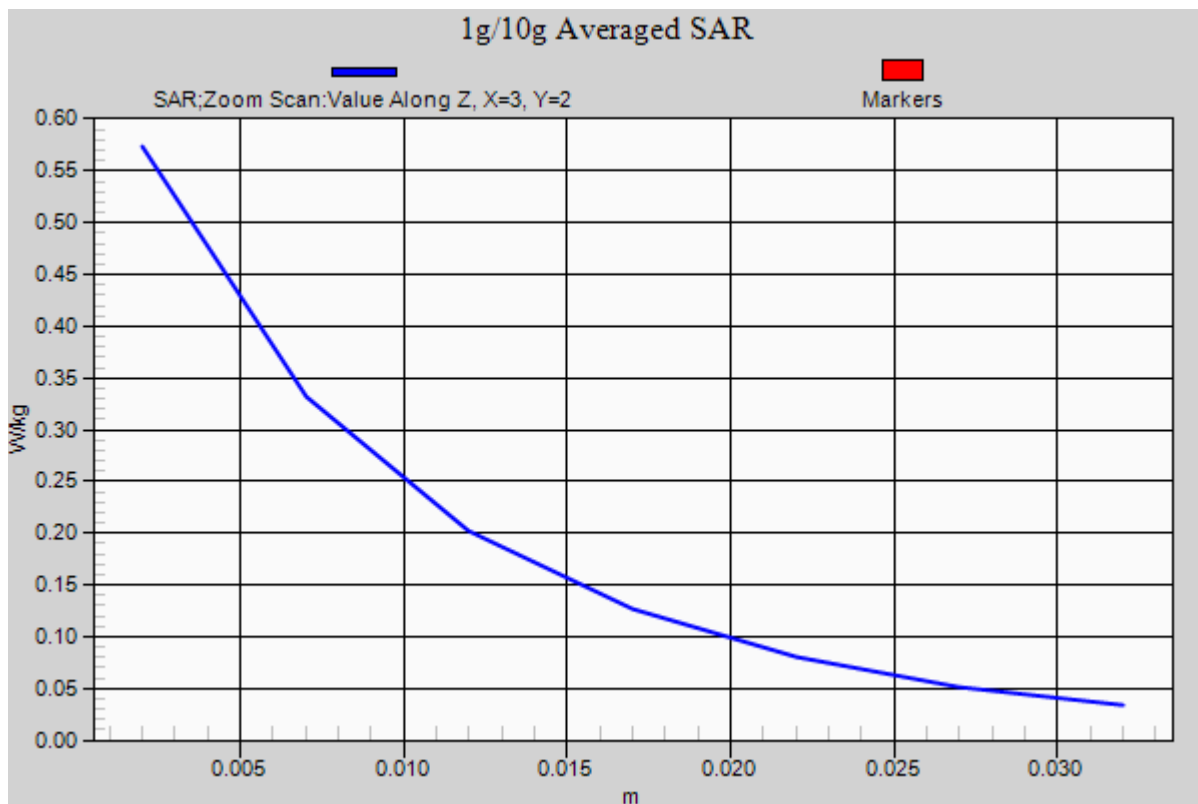
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.743 W/kg

**SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.218 W/kg**





## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850\_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1 Tissue Temp: 21.6

### **1.0 cm space from Body, Rear, GSM850 GPRS 3Tx Ch. 190, Ant Internal**

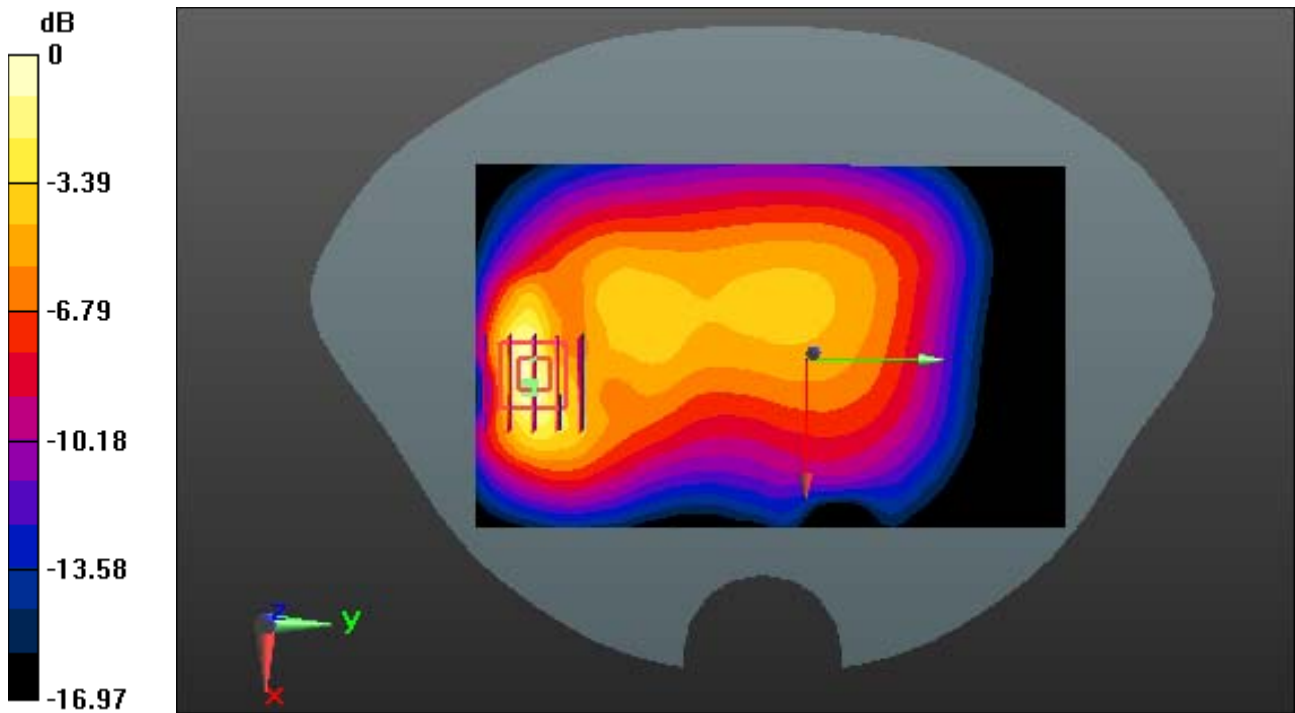
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.310 W/kg**



0 dB = 0.810 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850\_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1 Tissue Temp: 21.6

**1.0 cm space from Body, Rear, GSM850 GPRS 3Tx Ch. 190, Ant Internal**

**With Enlarge plot image**

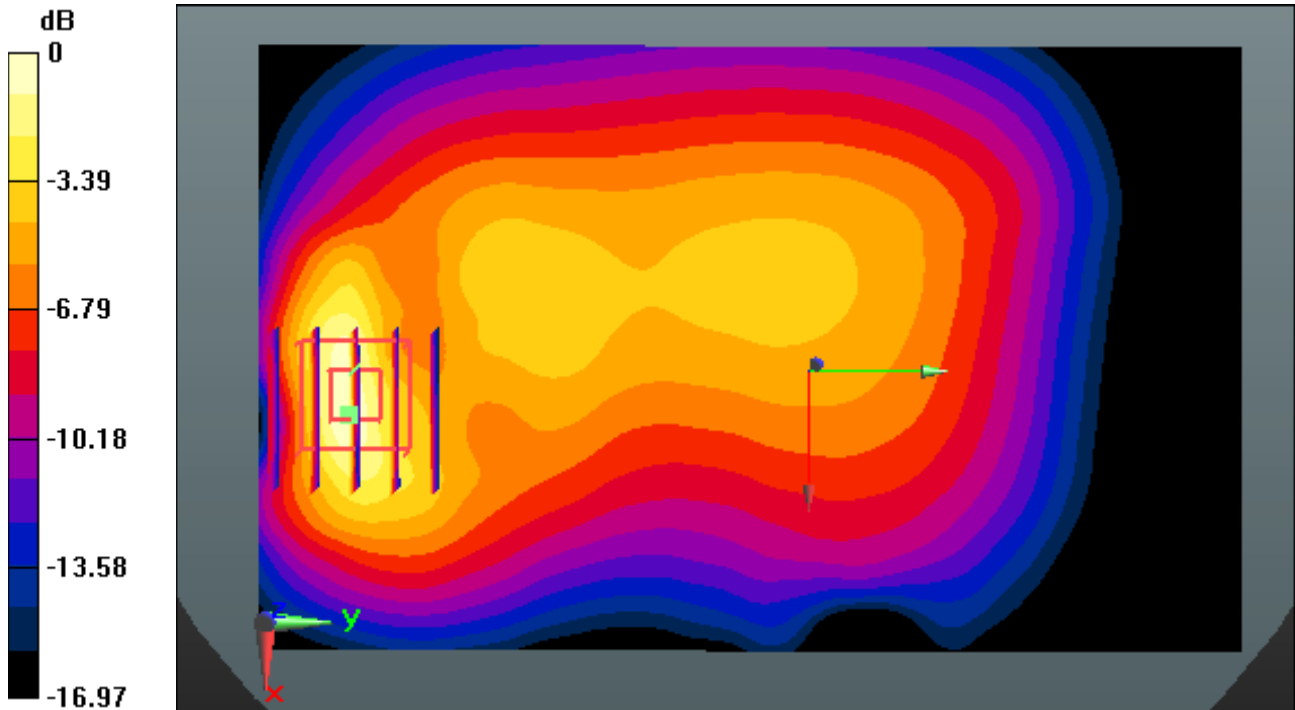
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.310 W/kg**



0 dB = 0.810 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850\_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1 Tissue Temp: 21.6

### **1.0 cm space from Body, Rear, GSM850 GPRS 3Tx Ch. 190, Ant Internal**

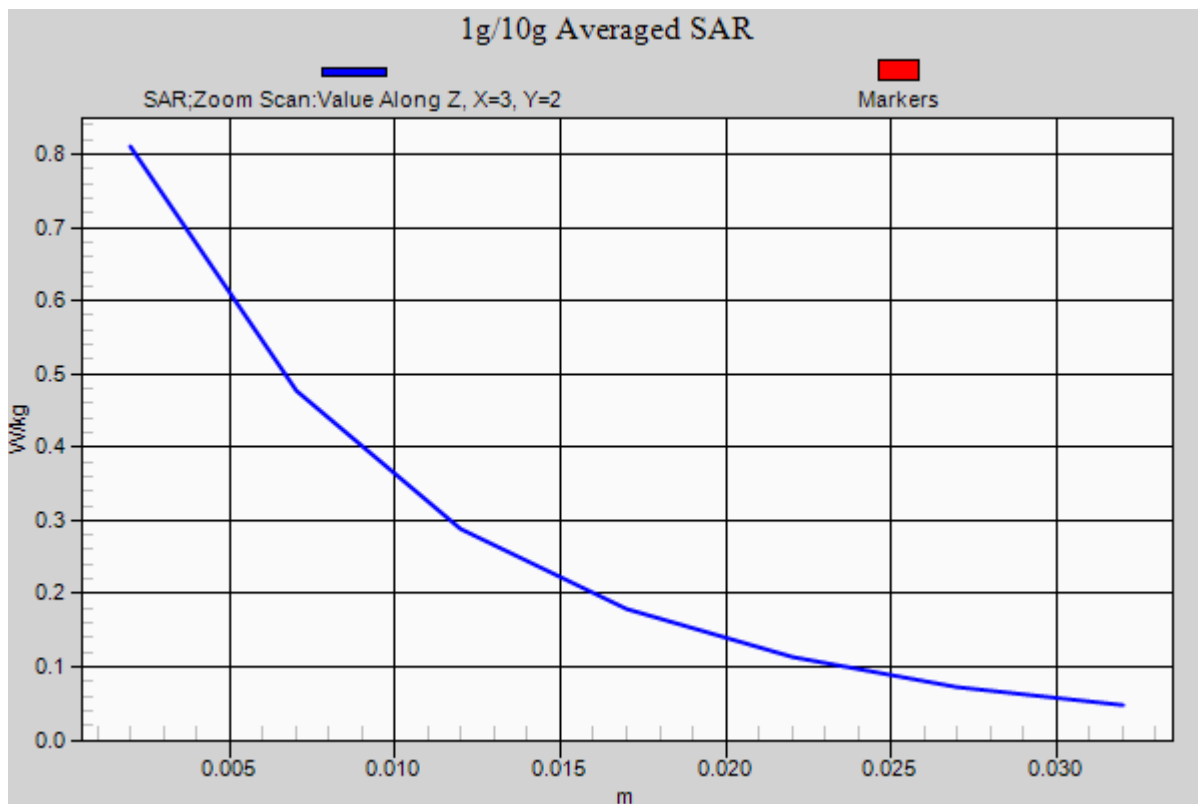
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.310 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3 Tissue Temp: 21.8

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

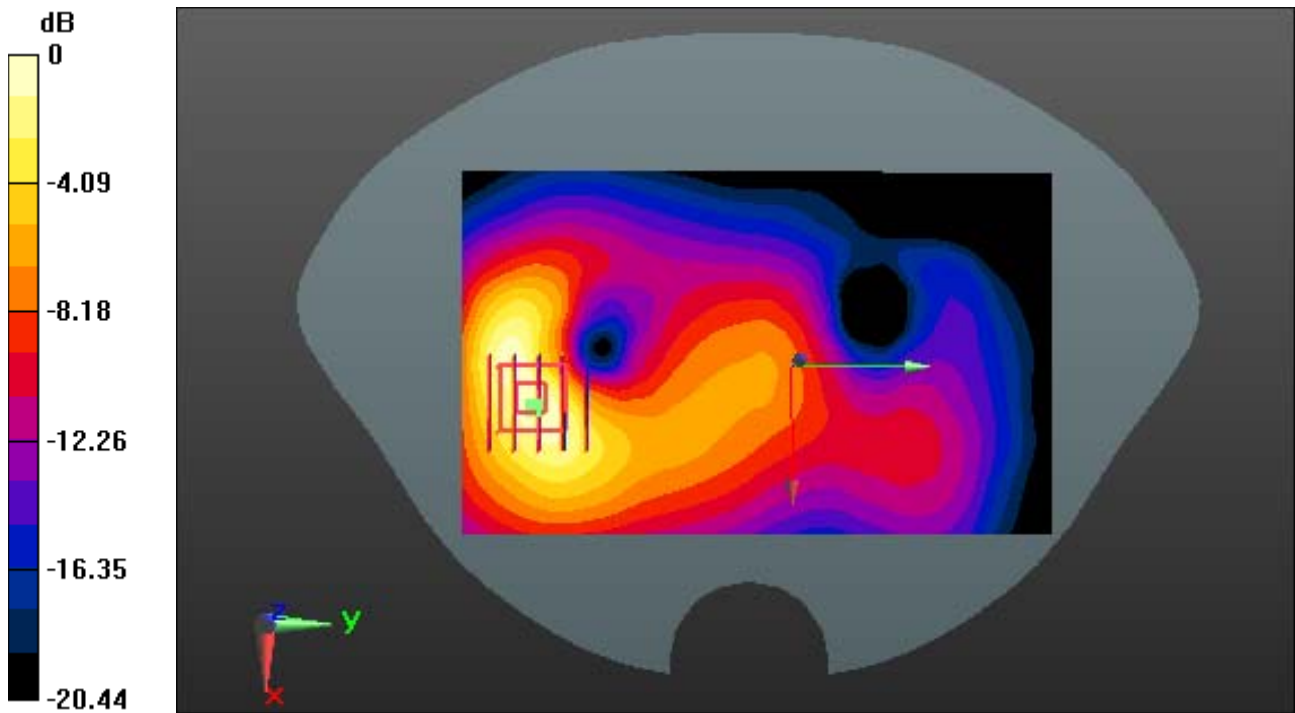
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.114 W/kg**



0 dB = 0.301 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3 Tissue Temp: 21.8

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

**With Enlarge plot image**

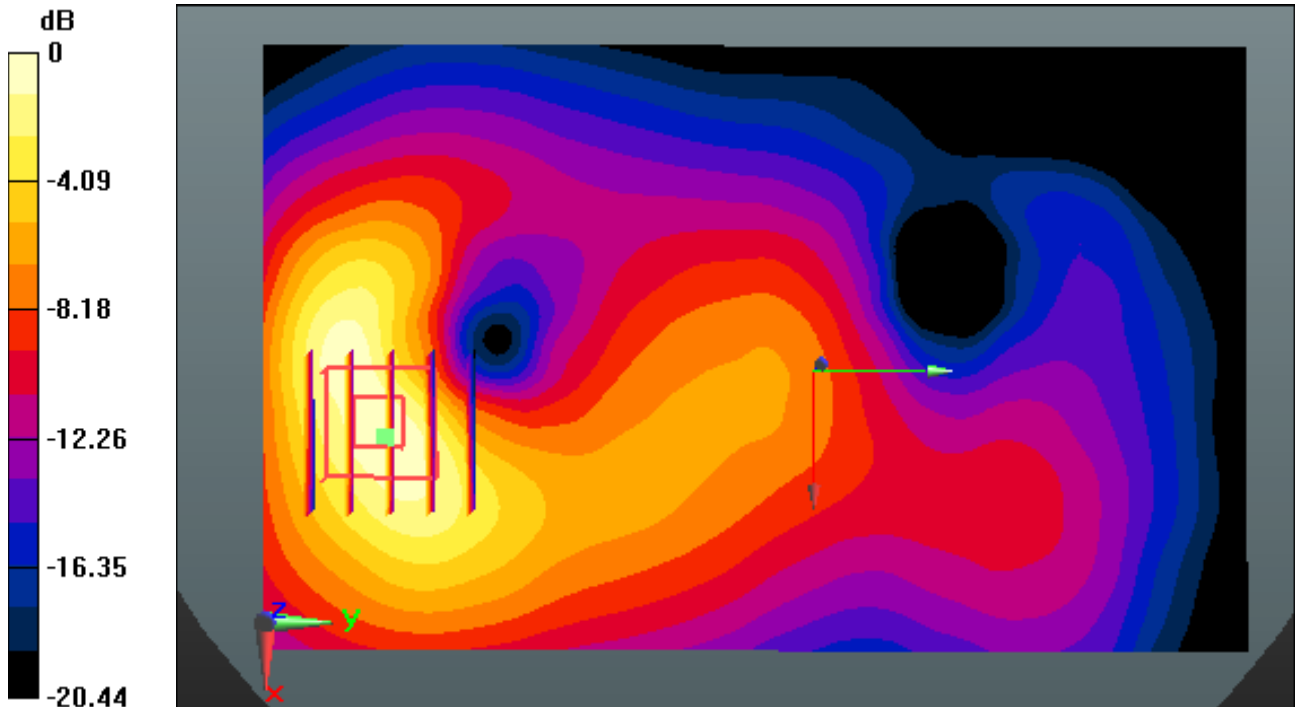
**Area Scan (81x131x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.114 W/kg**



0 dB = 0.301 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3 Tissue Temp: 21.8

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

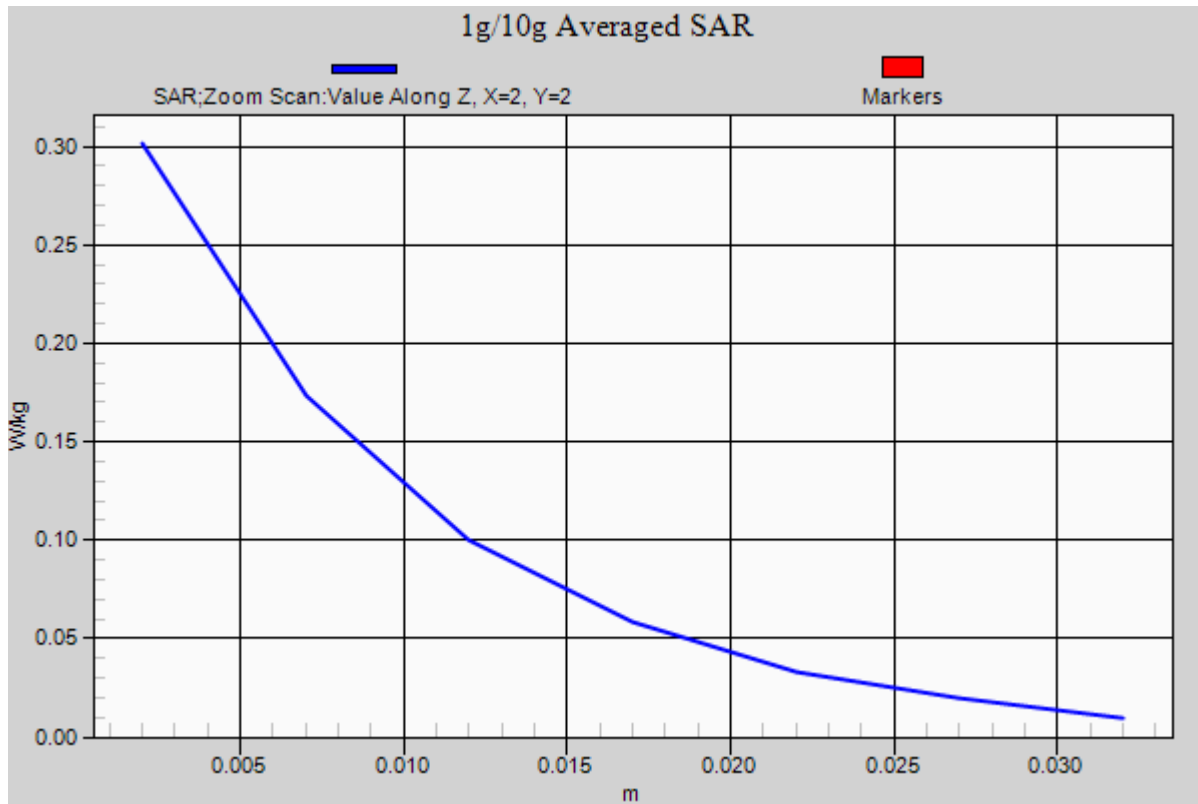
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.385 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.114 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

**1.0 cm space from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant Internal**

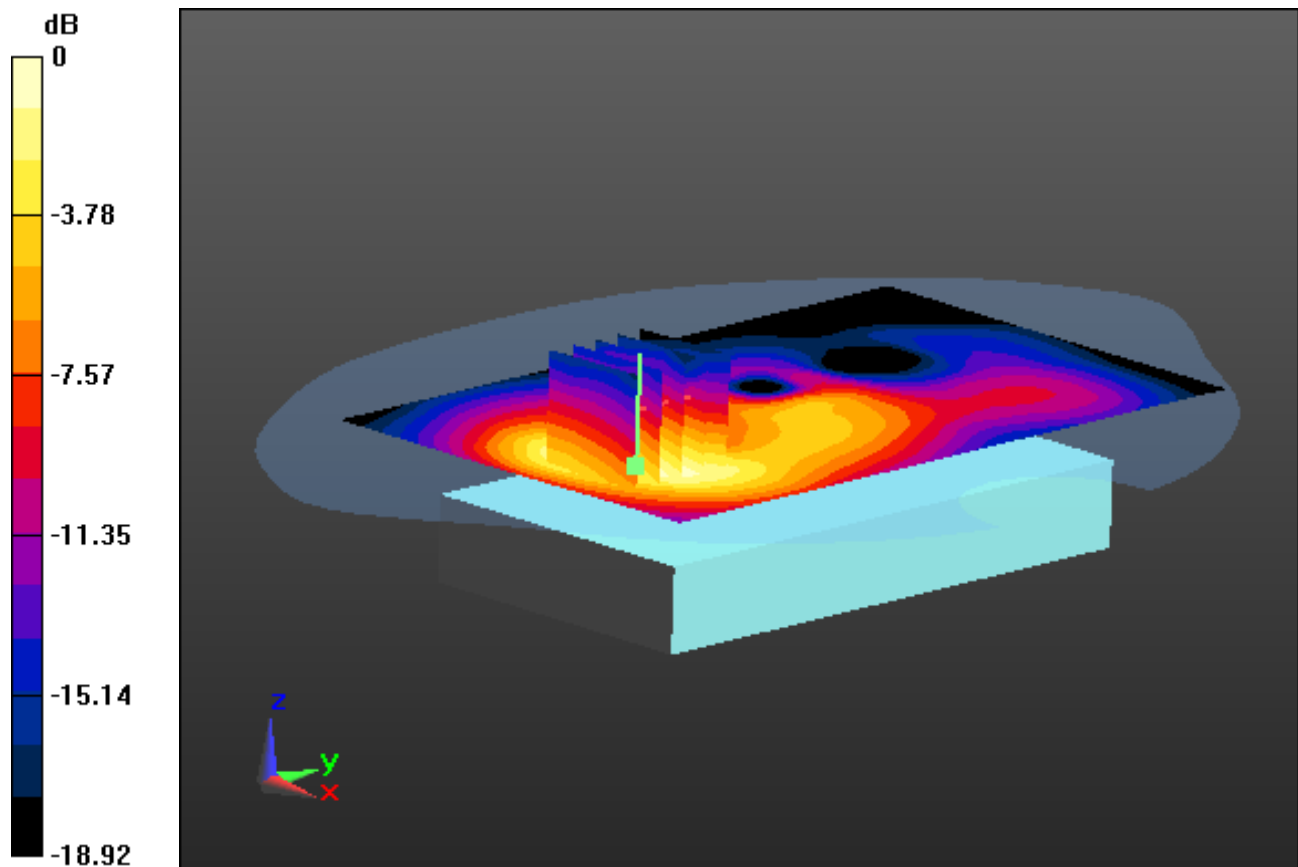
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.157 W/kg**



0 dB = 0.417 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

**1.0 cm space from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant Internal**

**With Enlarge plot image**

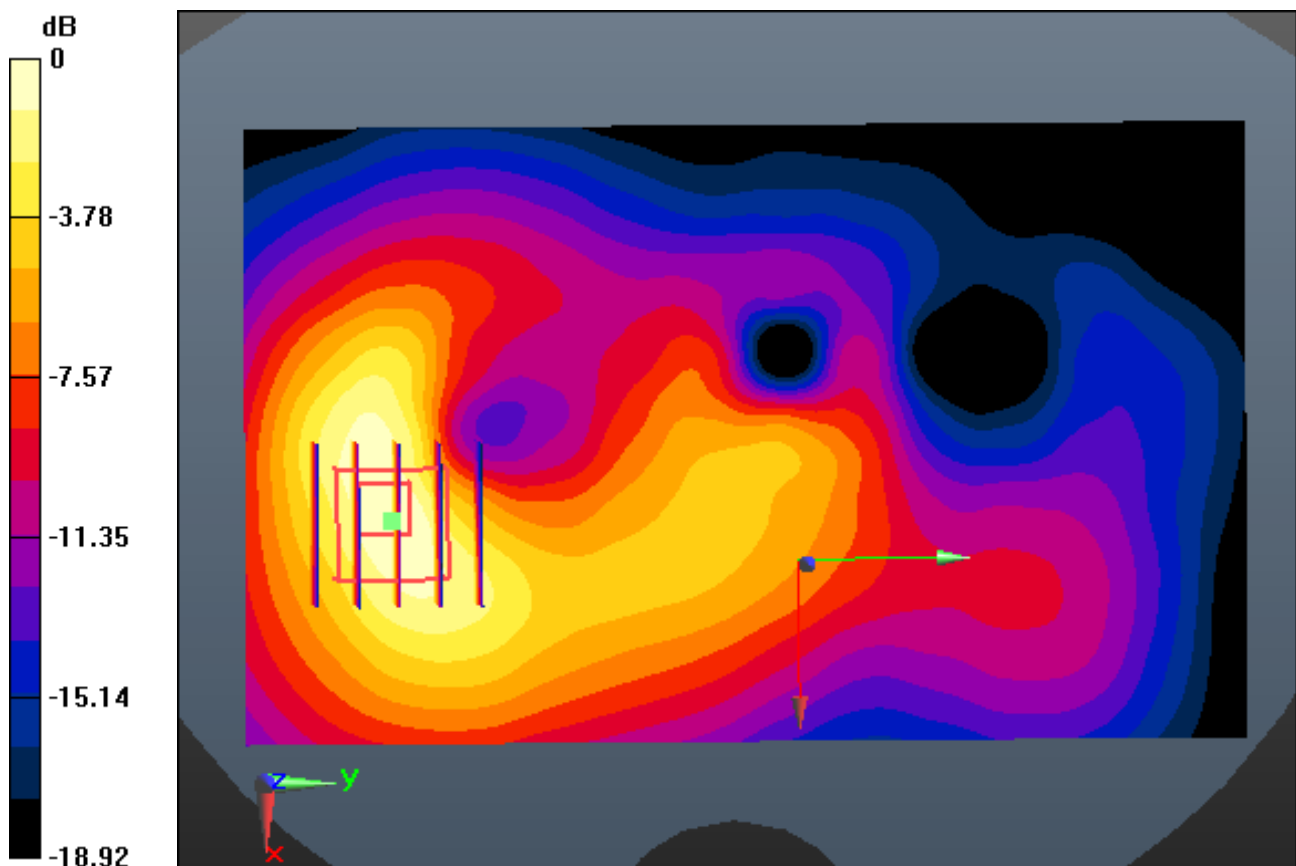
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.157 W/kg**



0 dB = 0.417 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

**1.0 cm space from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant Internal**

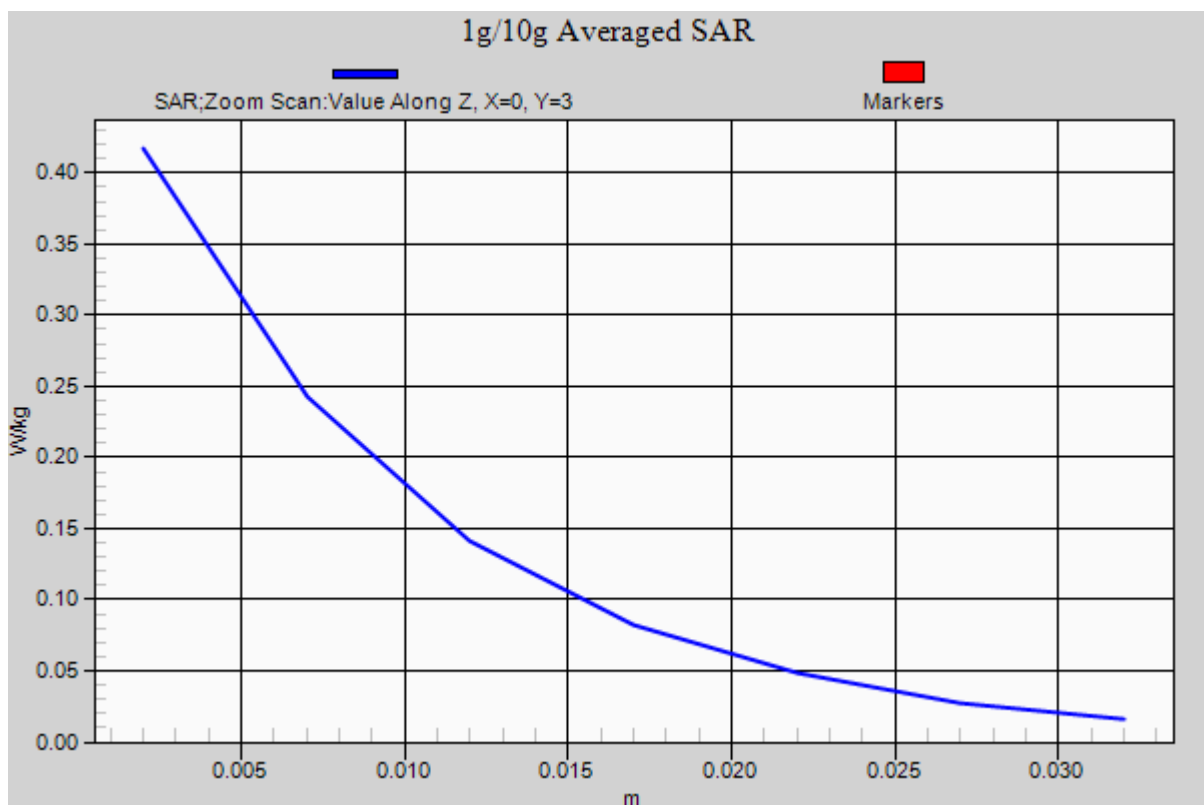
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.157 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.996 \text{ S/m}$ ;  $\epsilon_r = 54.347$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

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

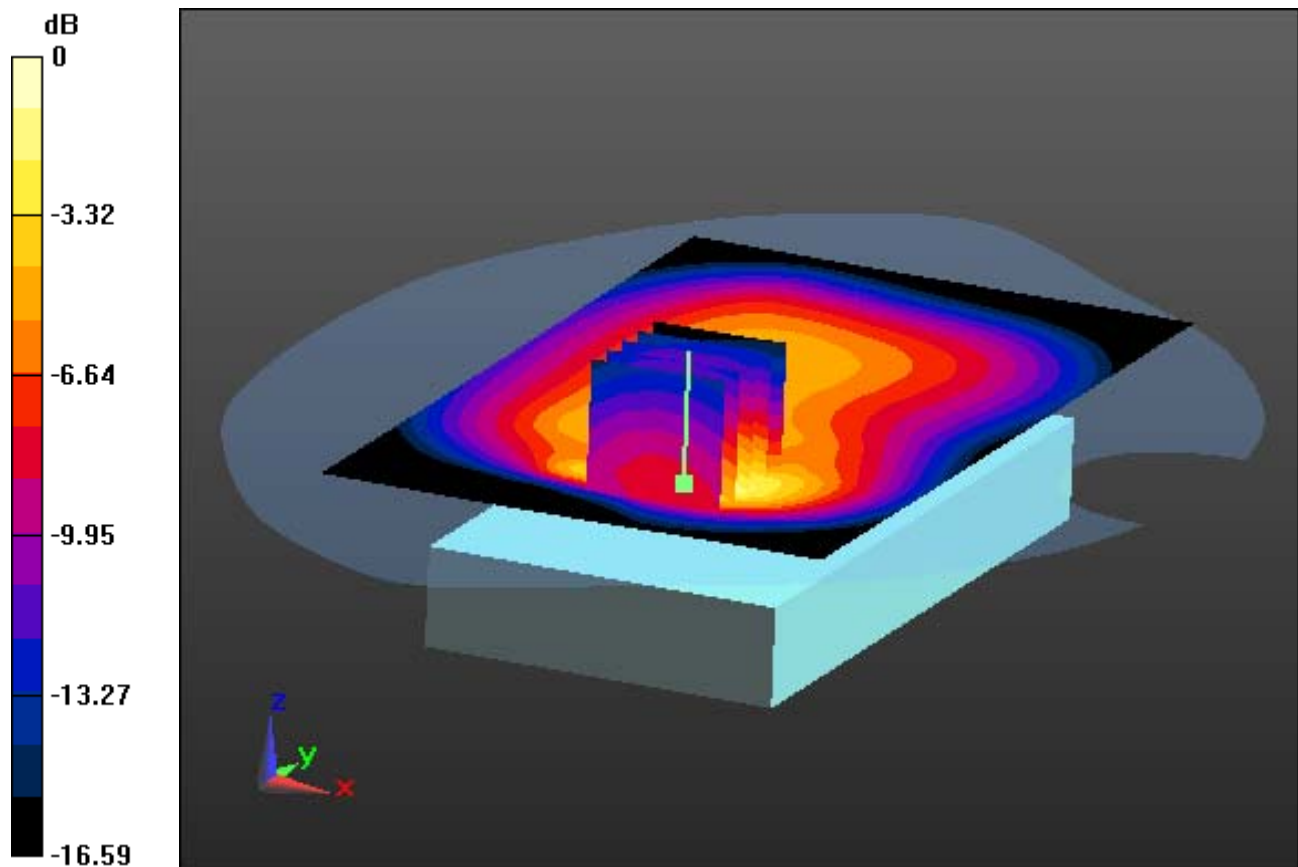
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.369 W/kg**



0 dB = 0.984 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

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

**With Enlarge plot Image**

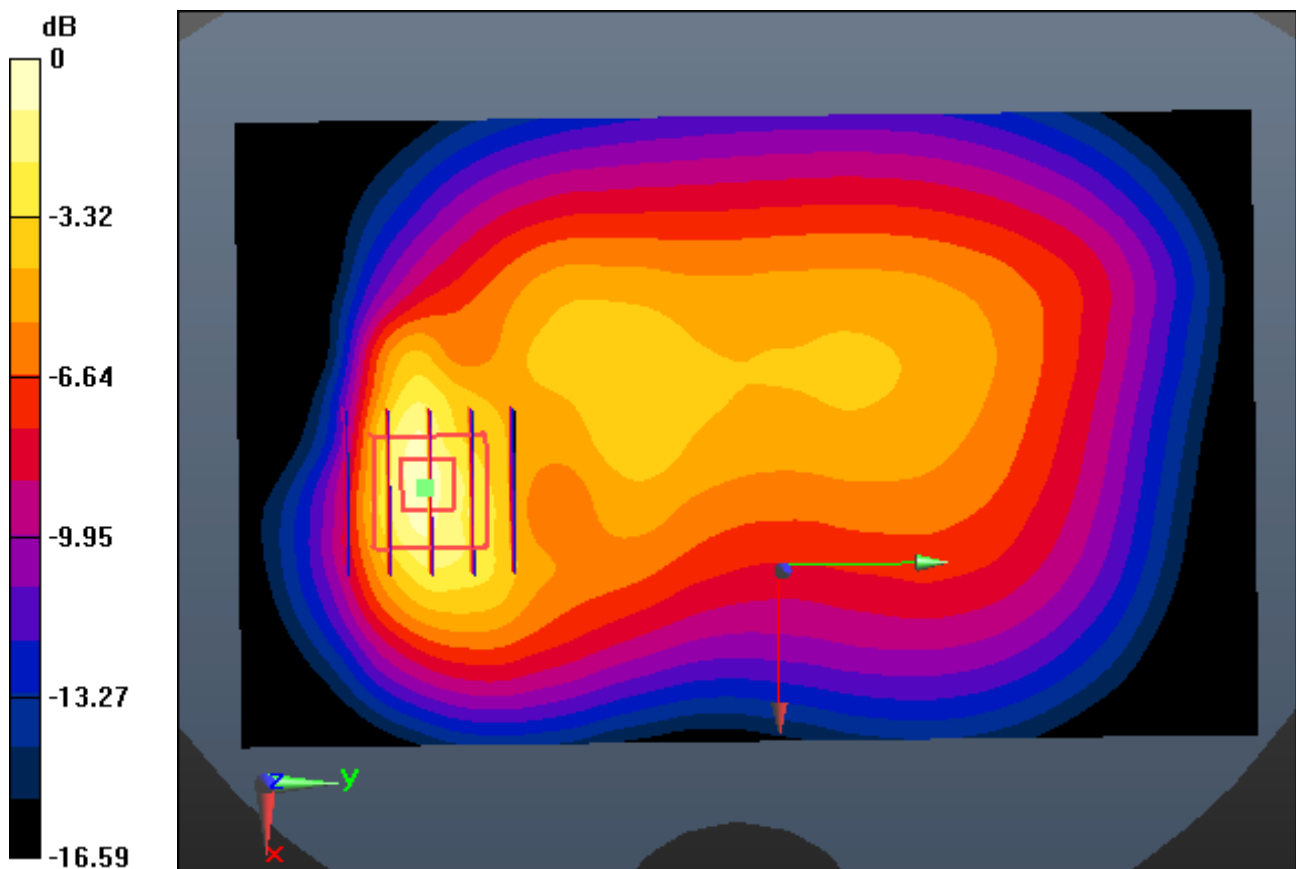
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.369 W/kg**



0 dB = 0.984 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

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

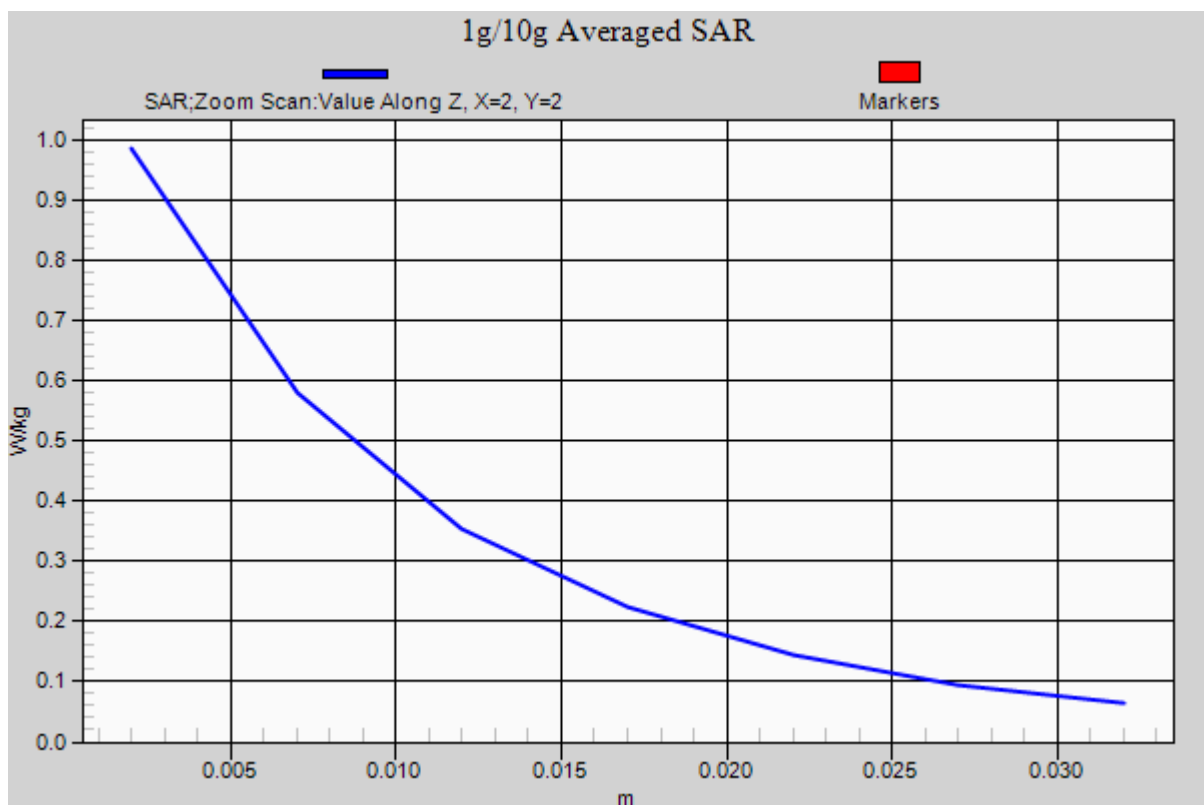
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.369 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**1.0 cm space from Body, Rear, WCDMA1700 Ch. 1412, Ant Internal**

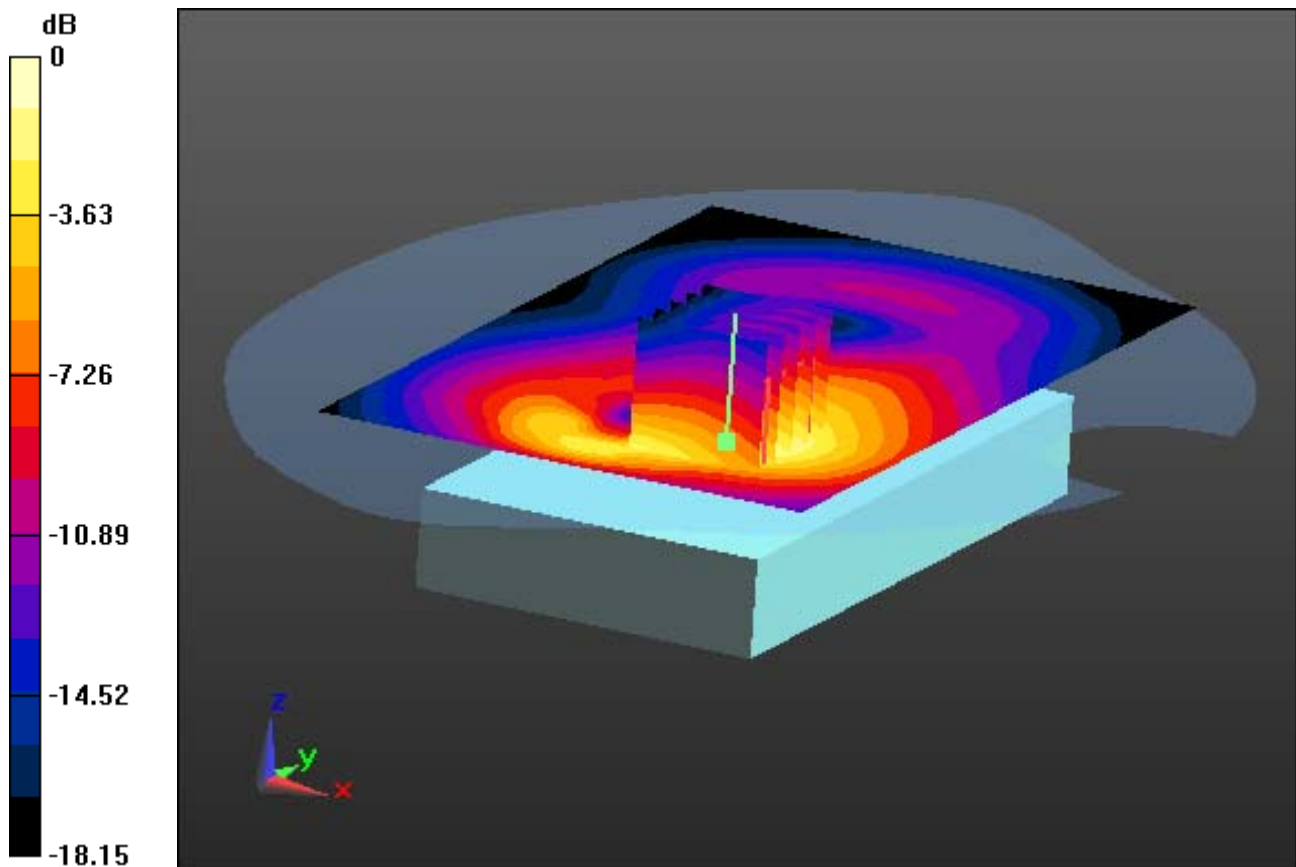
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.412 W/kg**



0 dB = 0.962 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**1.0 cm space from Body, Rear, WCDMA1700 Ch. 1412, Ant Internal**

**With Enlarge plot Image**

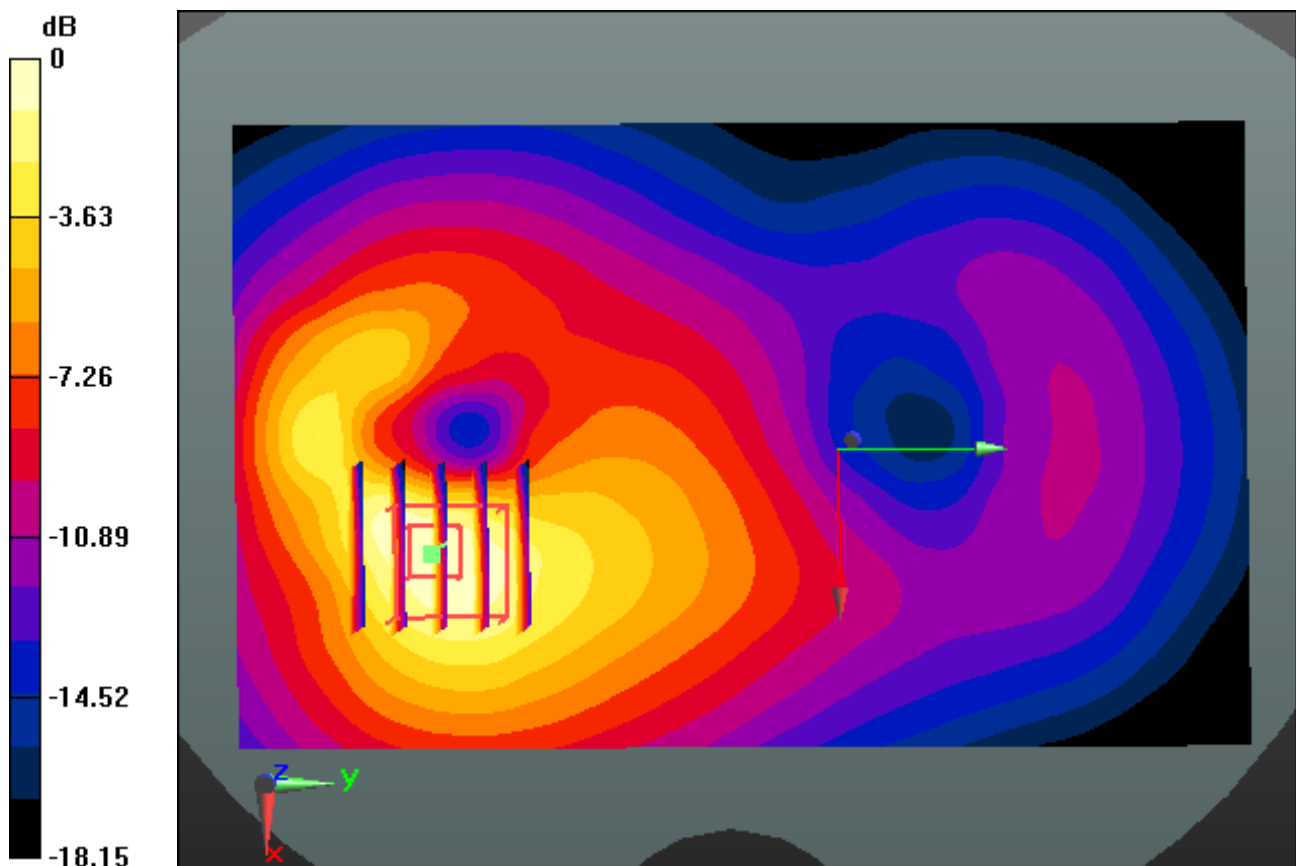
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.412 W/kg**



0 dB = 0.962 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**1.0 cm space from Body, Rear, WCDMA1700 Ch. 1412, Ant Internal**

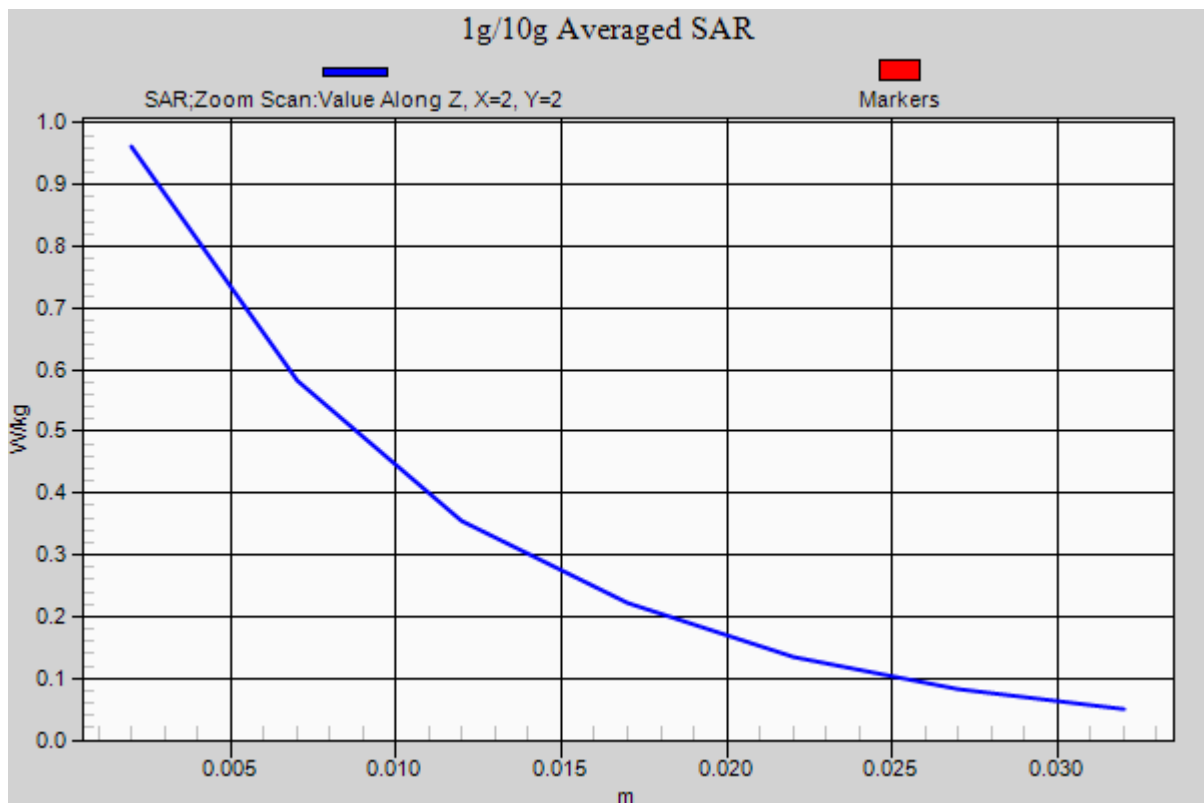
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.412 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

**1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal**

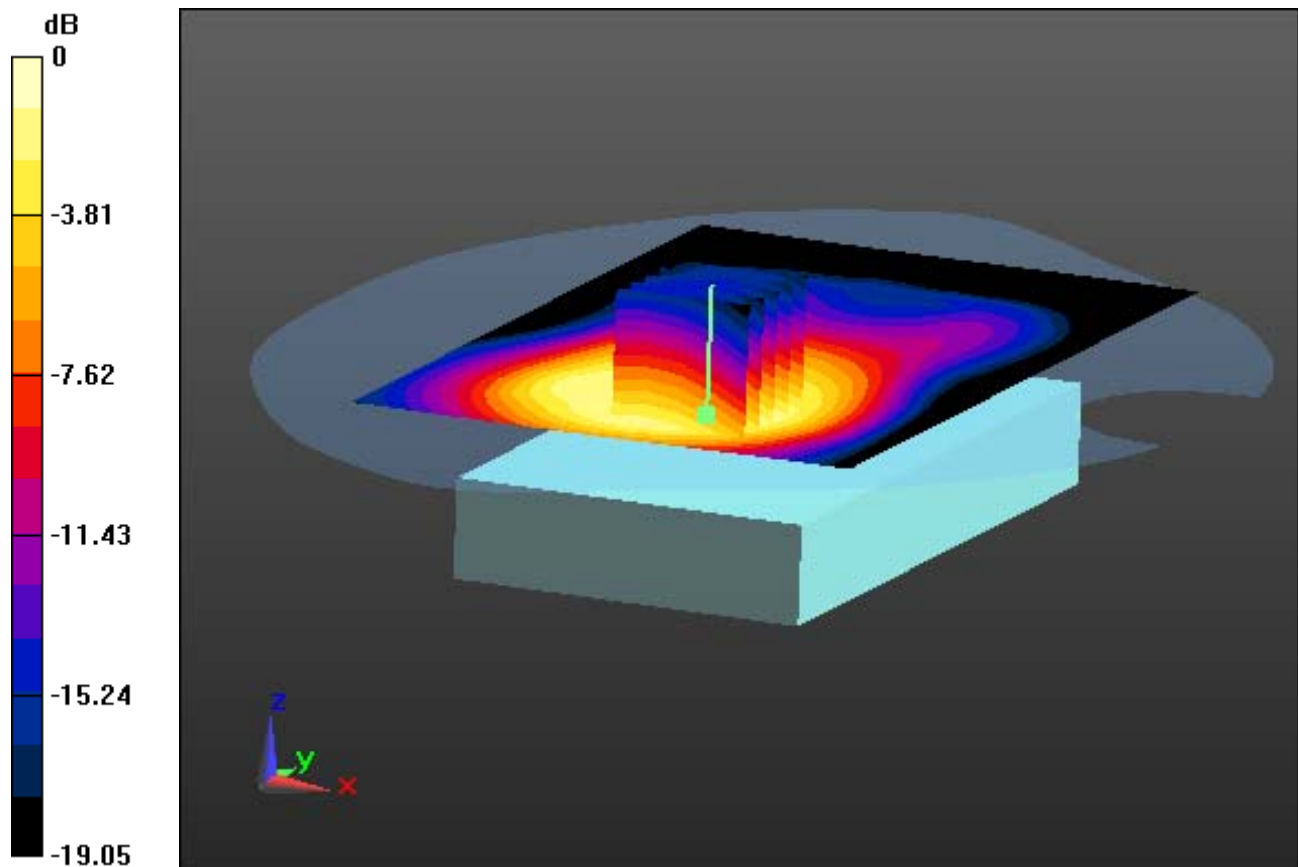
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.958 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.282 W/kg**



0 dB = 0.755 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

**1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal**

**With Enlarge plot Image**

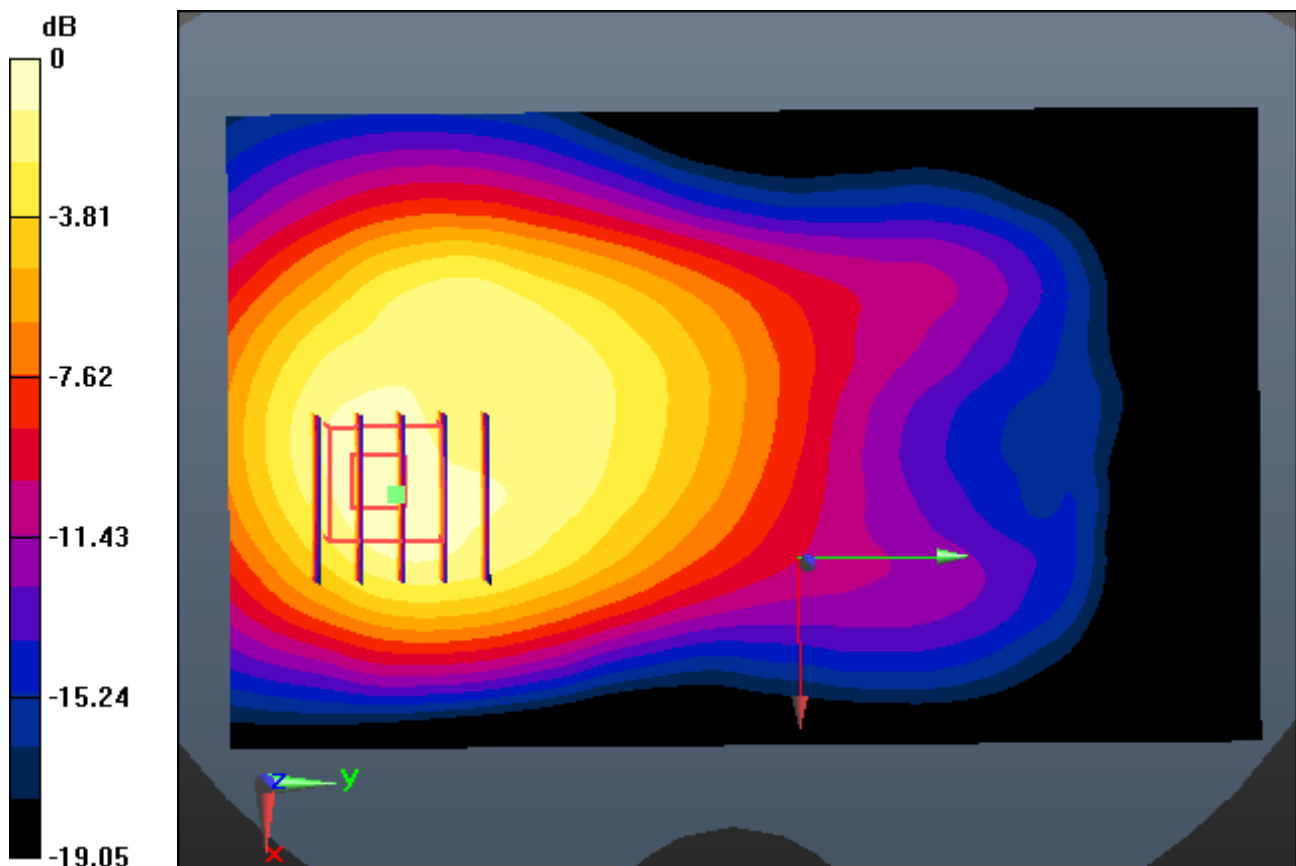
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.958 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.282 W/kg**



0 dB = 0.755 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

**1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal**

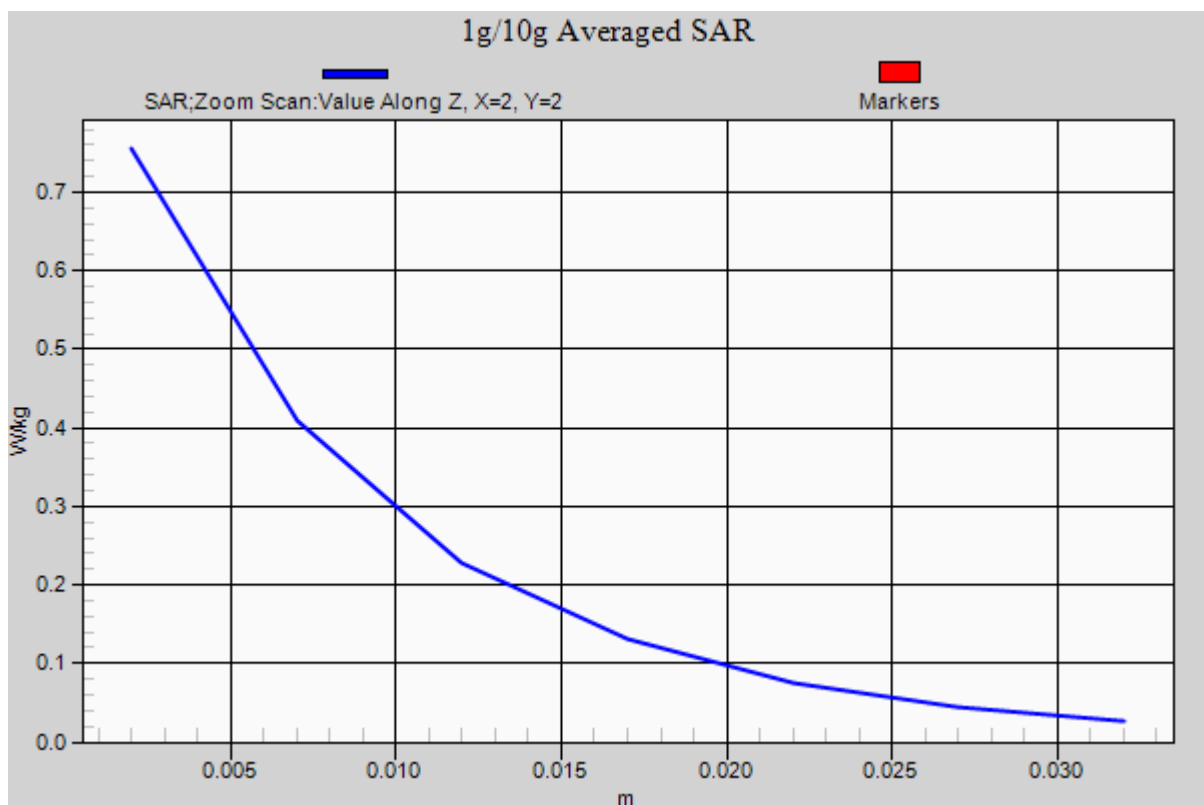
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.958 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.282 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 55.643$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**1.0 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

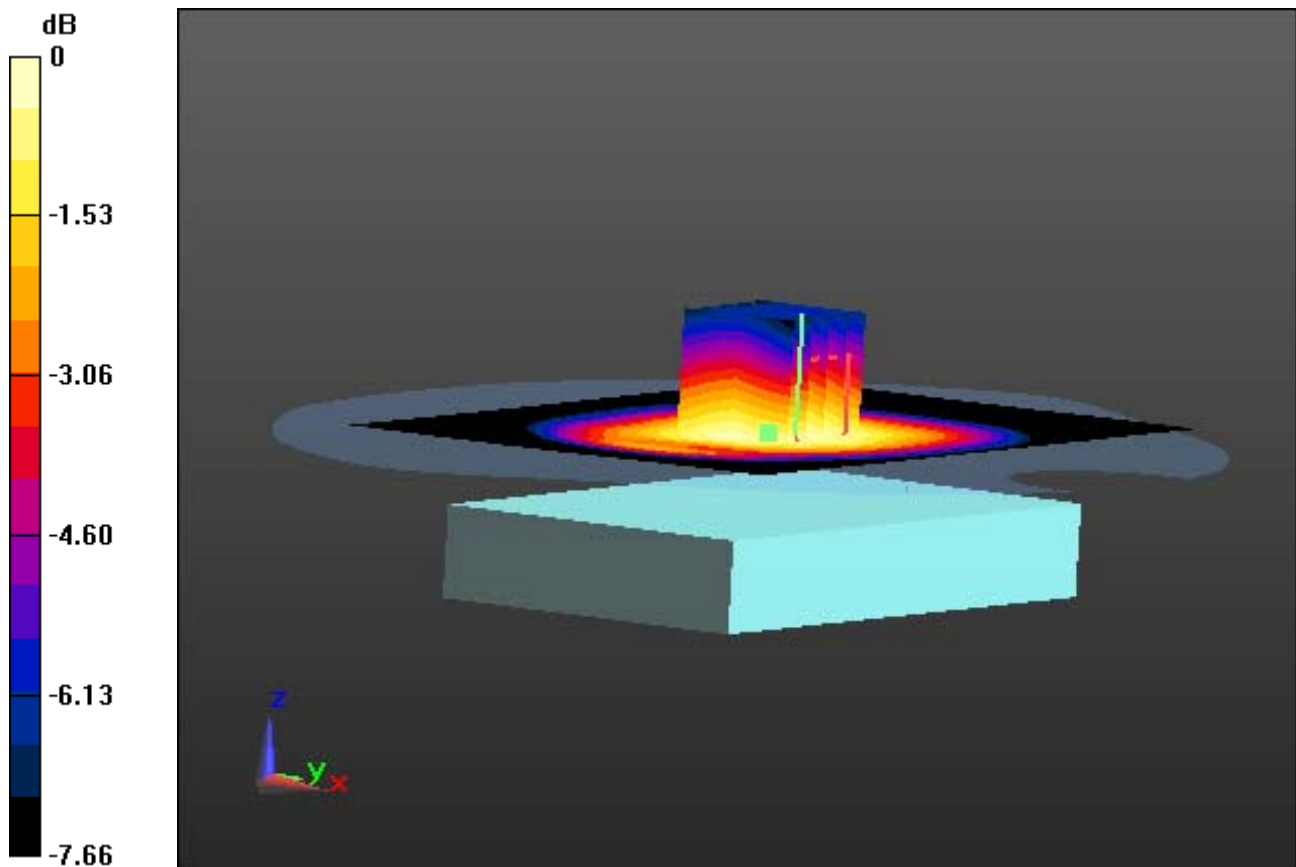
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.356 W/kg**



0 dB = 0.533 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 55.643$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**1.0 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

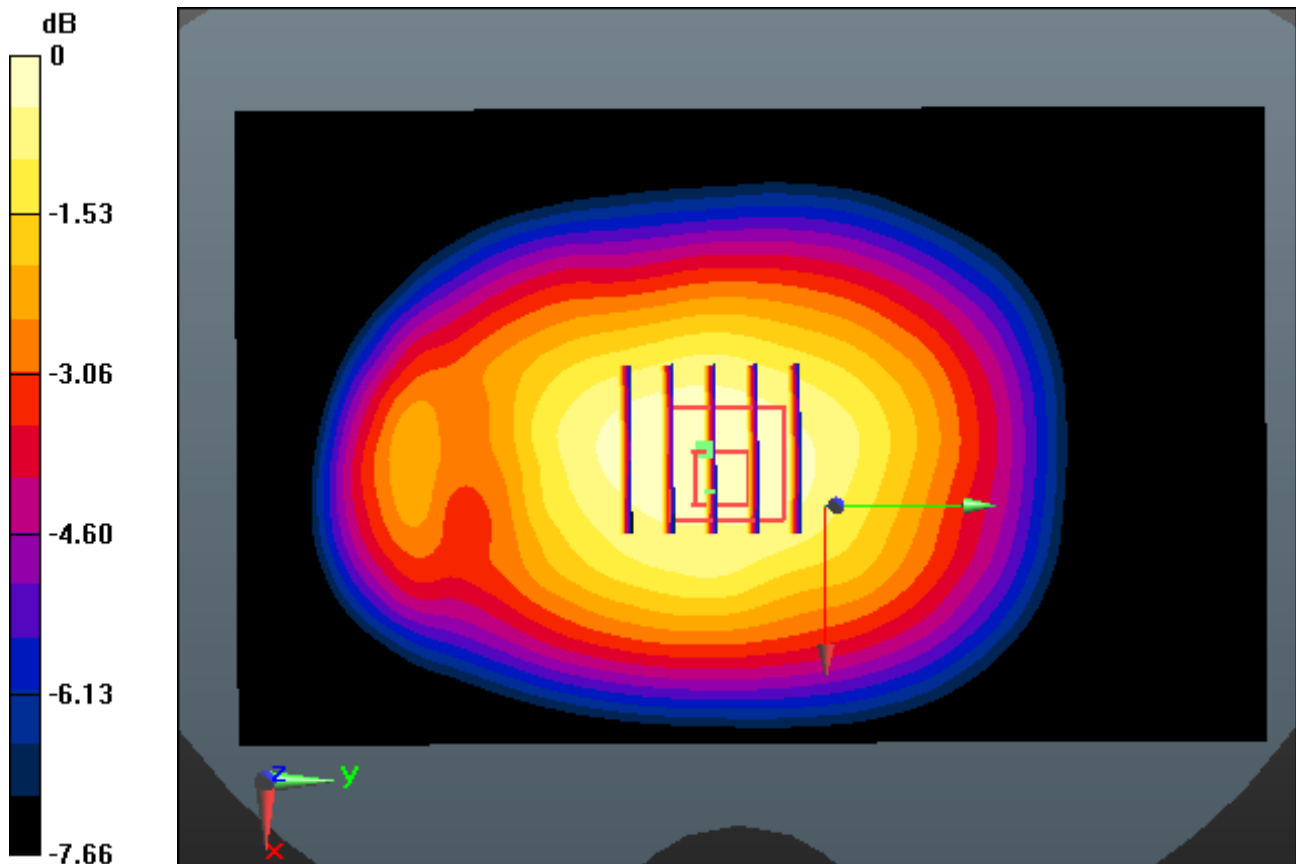
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.356 W/kg**



0 dB = 0.533 W/kg = -2.73 dBW/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 55.643$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**1.0 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

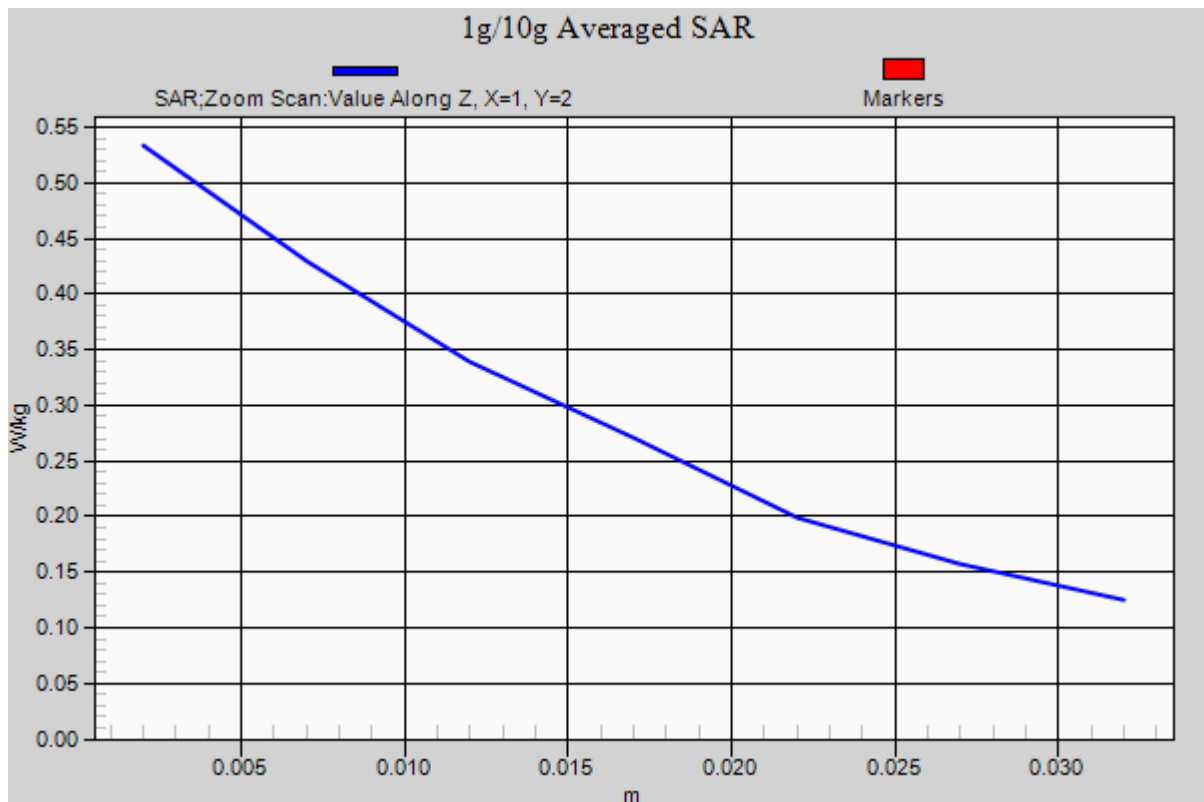
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.356 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.989 \text{ S/m}$ ;  $\epsilon_r = 54.845$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**1.0 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

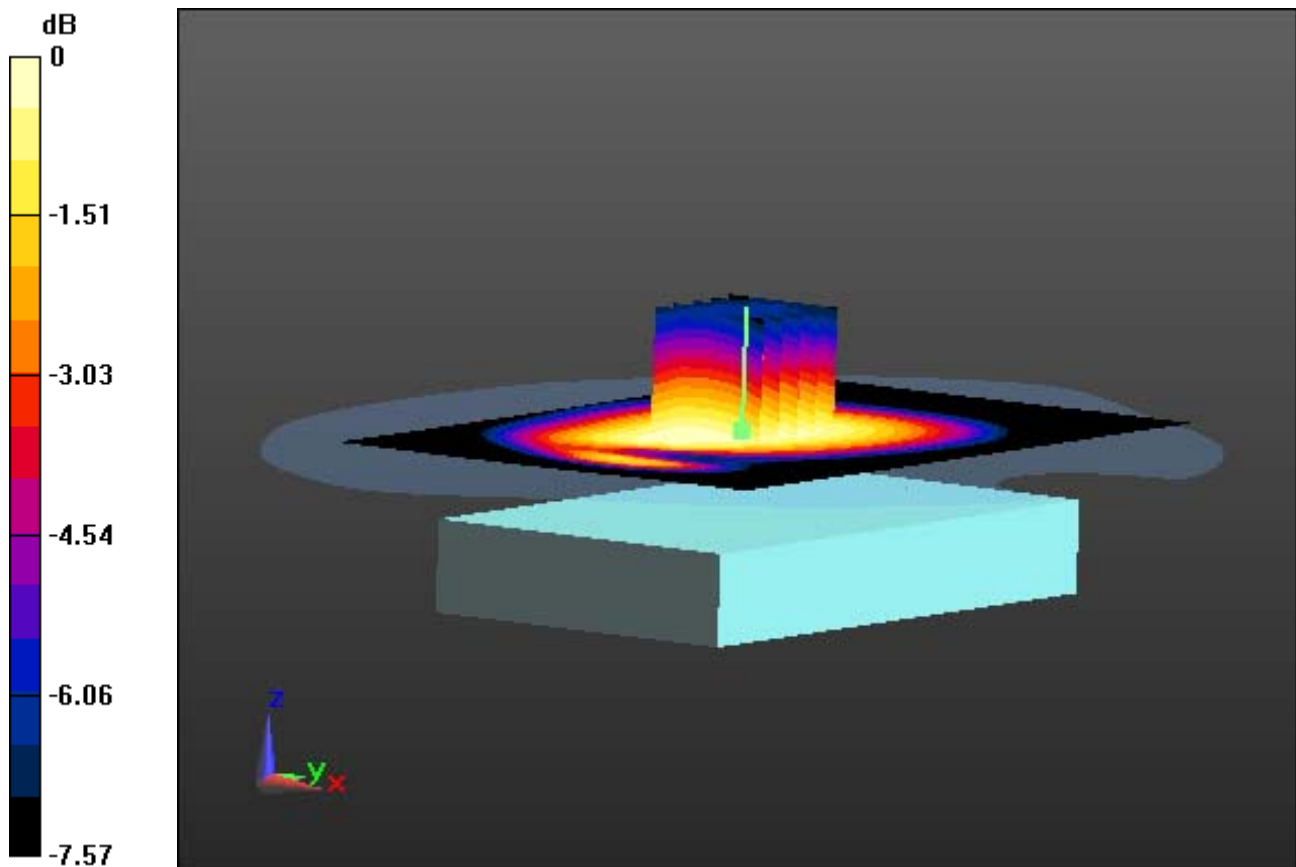
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.343 W/kg**



0 dB = 0.517 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.989 \text{ S/m}$ ;  $\epsilon_r = 54.845$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**1.0 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

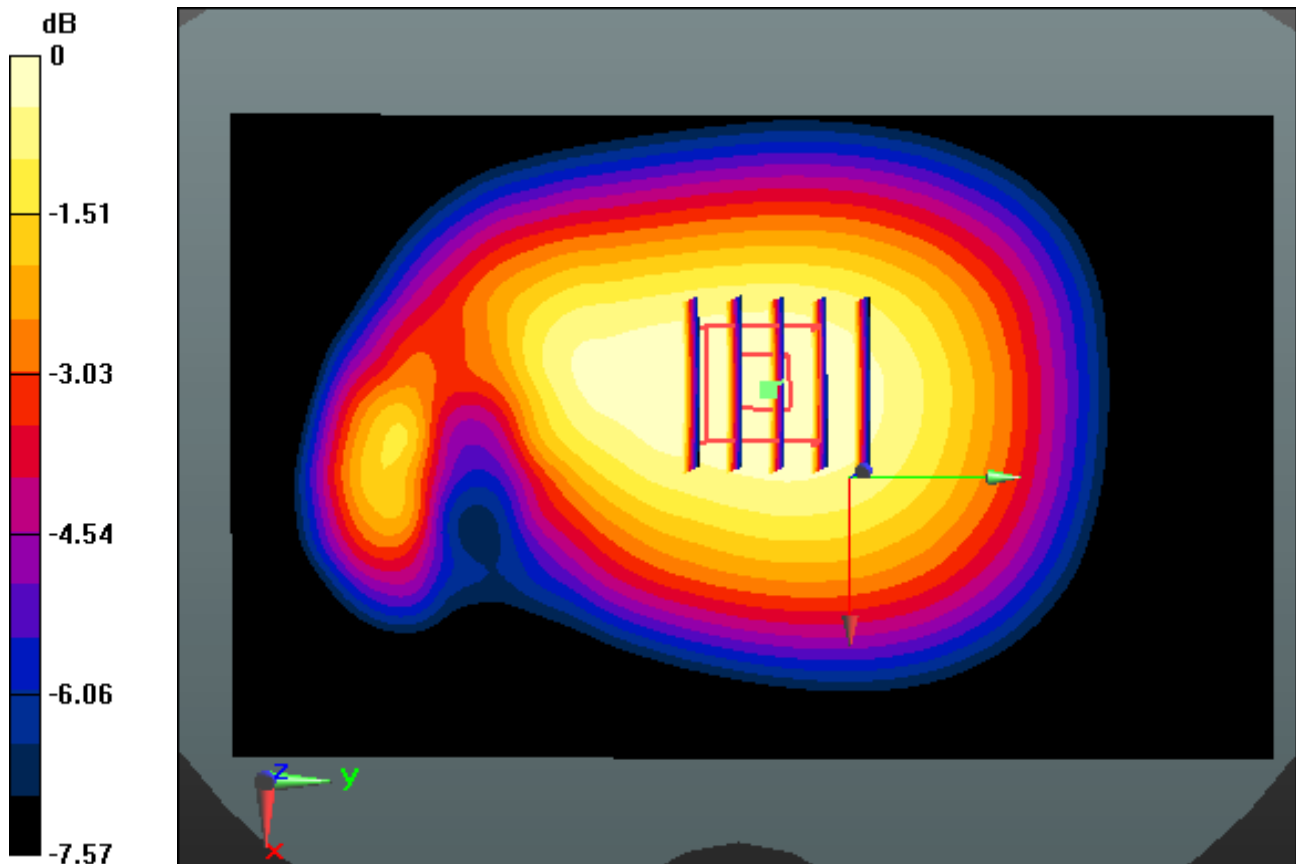
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.343 W/kg**



0 dB = 0.517 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.989 \text{ S/m}$ ;  $\epsilon_r = 54.845$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**1.0 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

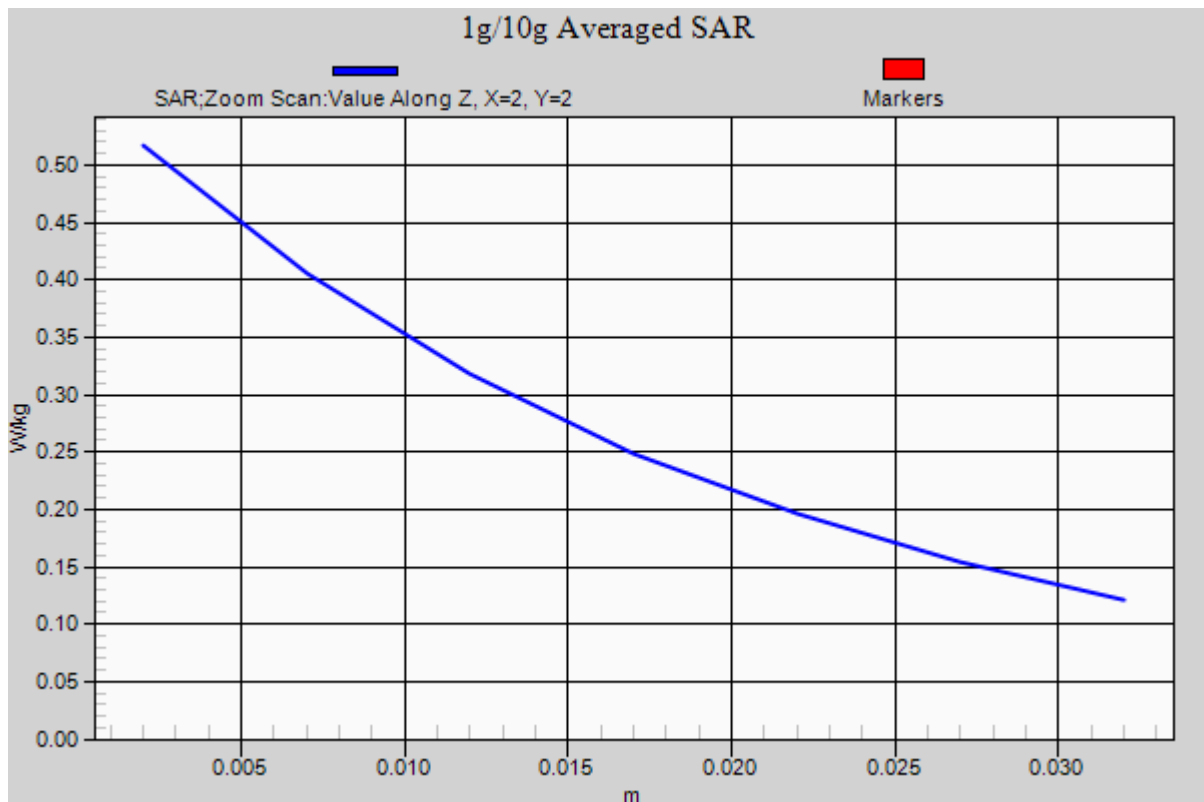
**Area Scan (81x131x1):** Interpolated grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.343 W/kg**





## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

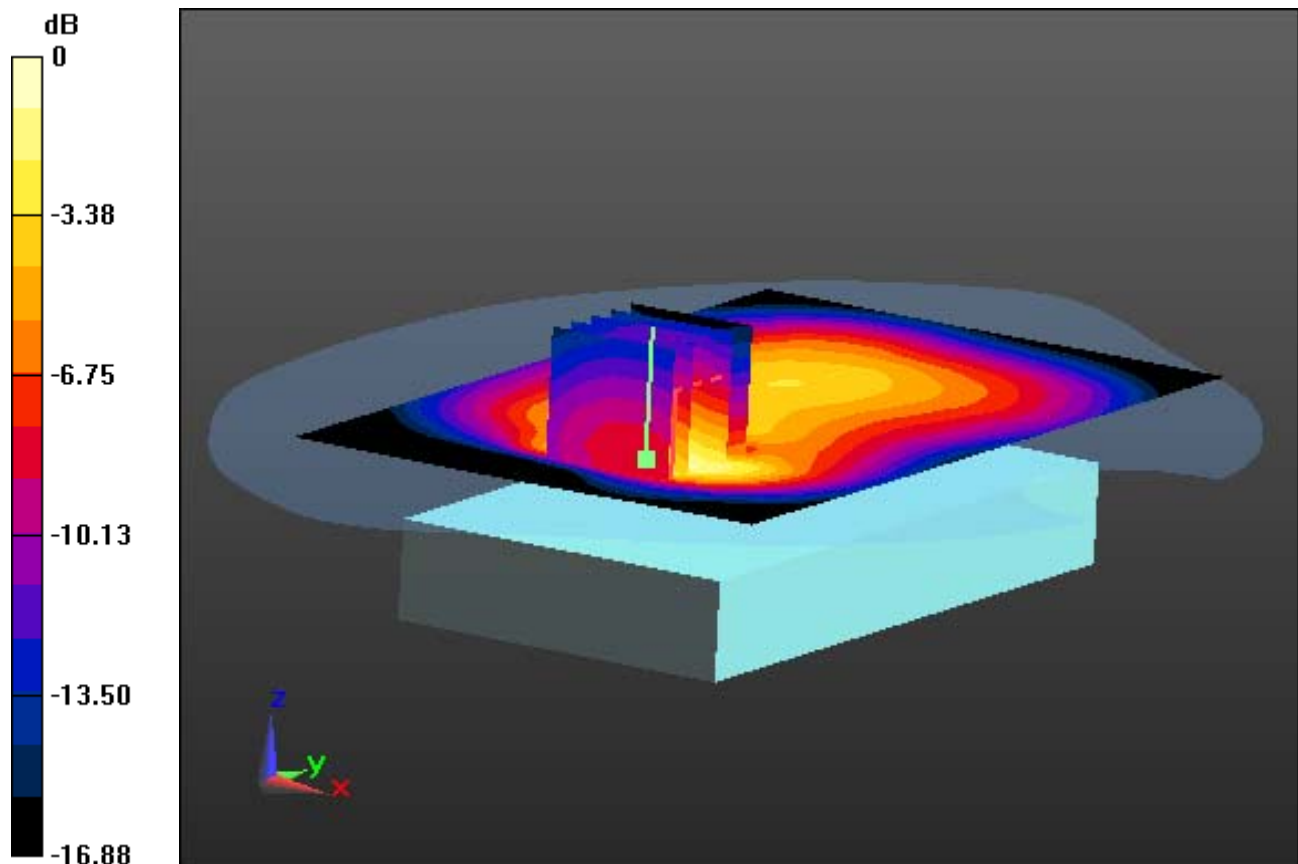
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.949 W/kg

**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.285 W/kg**



0 dB = 0.757 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

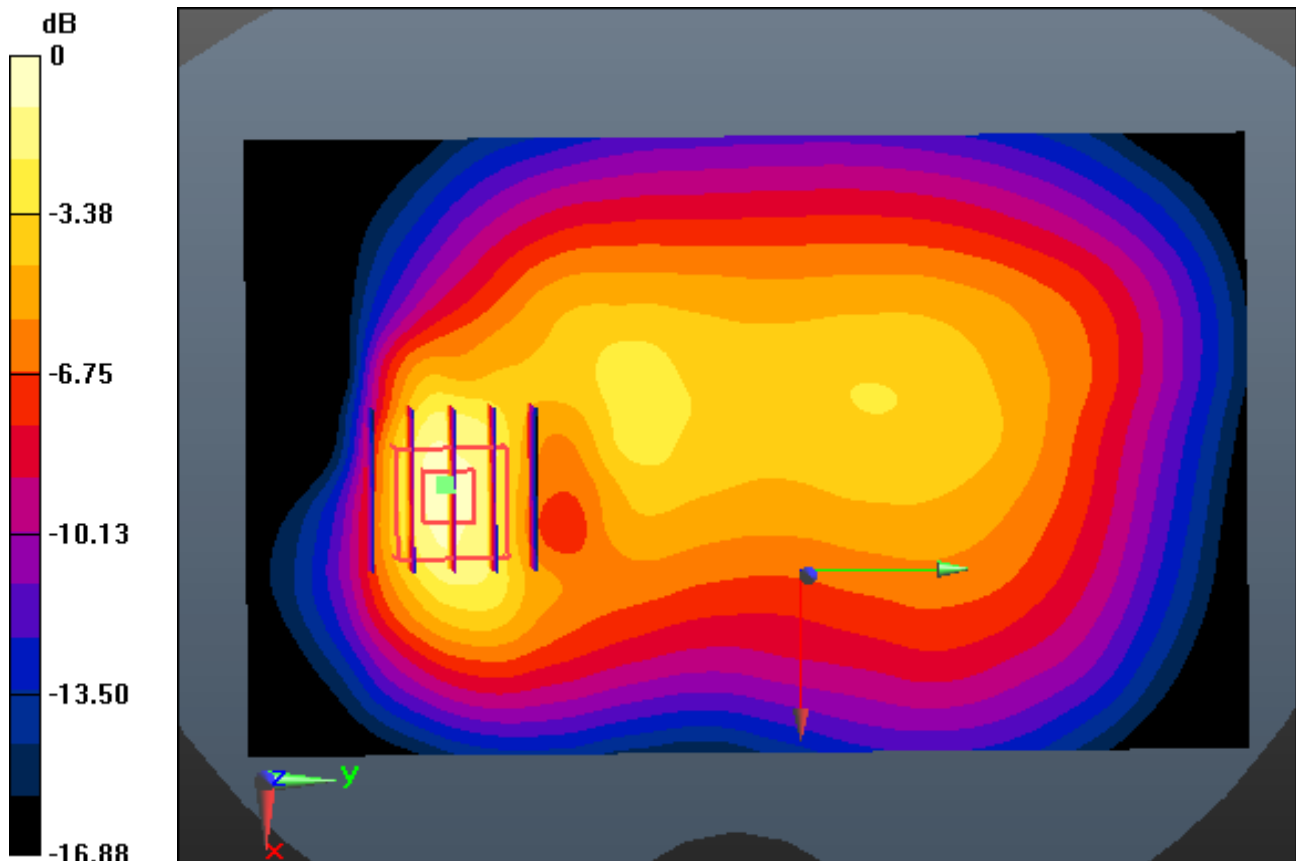
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.949 W/kg

**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.285 W/kg**



0 dB = 0.757 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

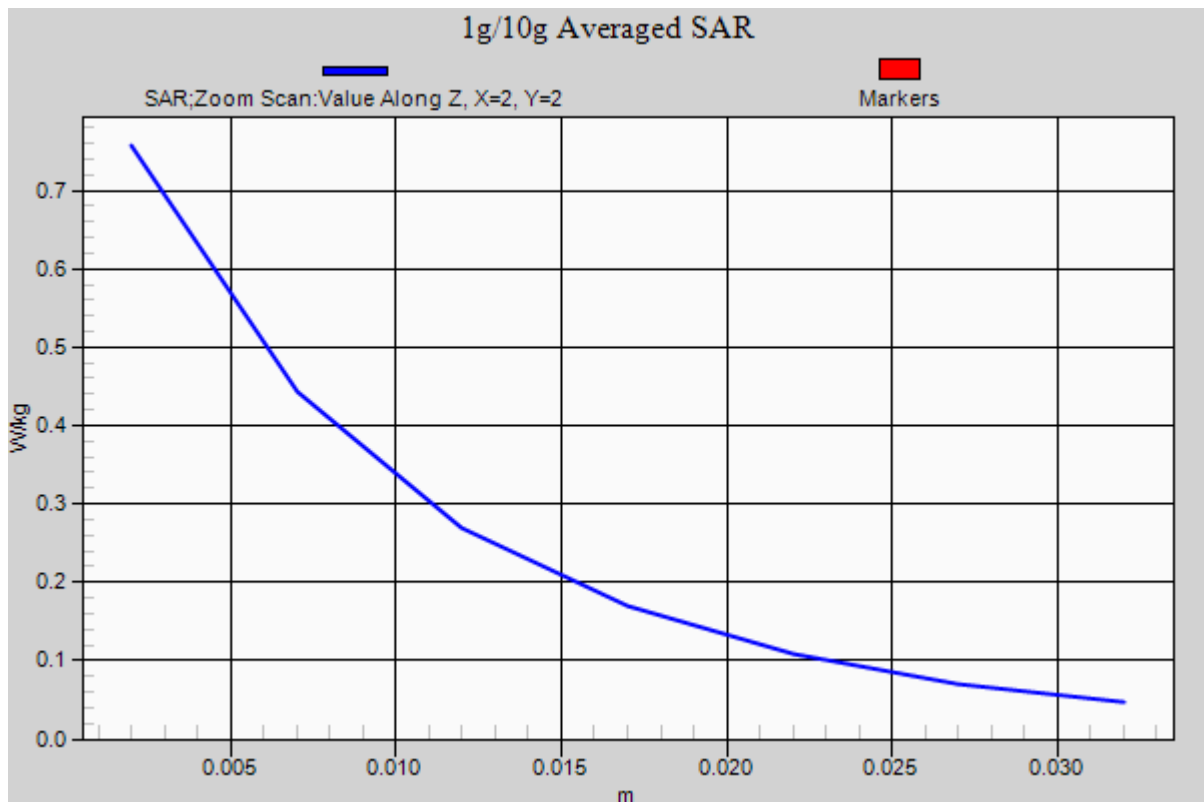
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.949 W/kg

**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.285 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

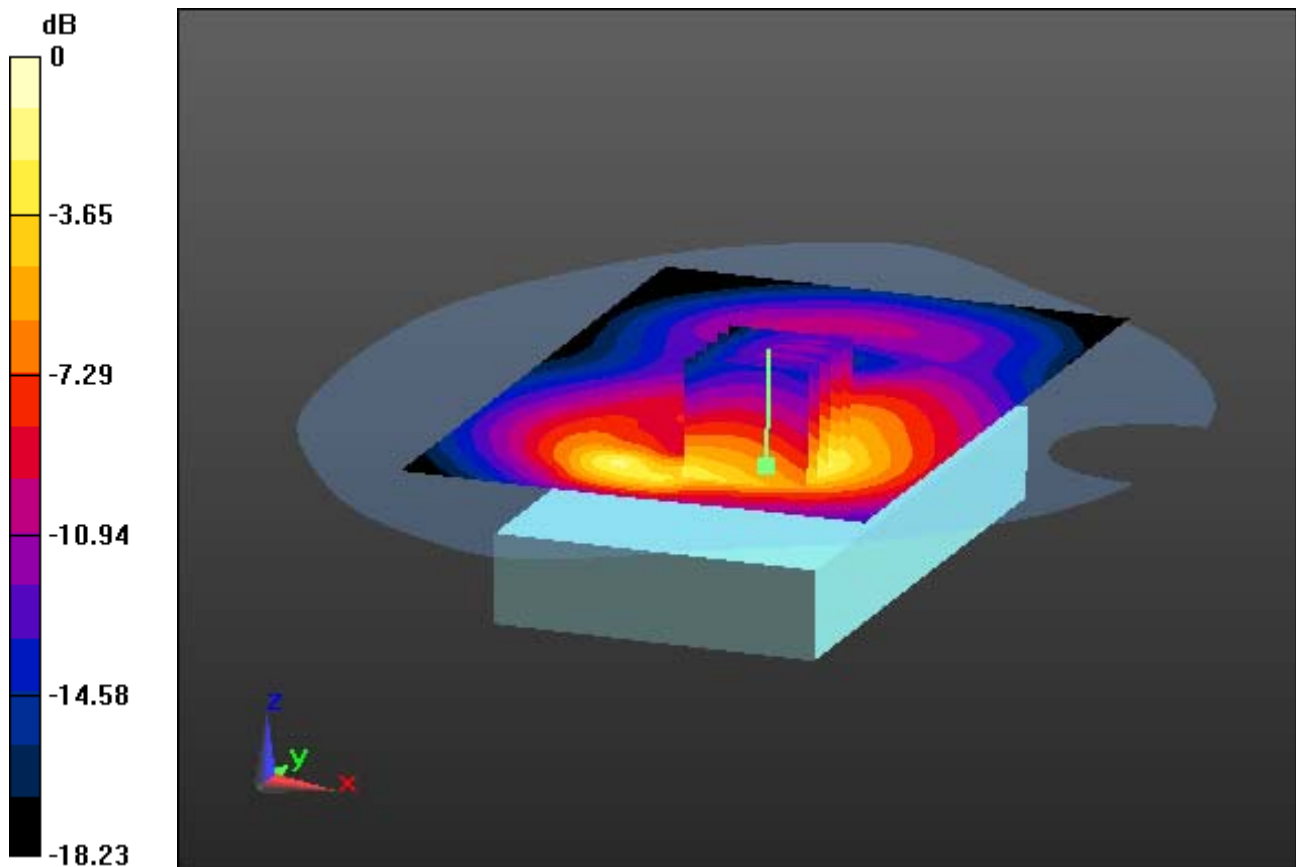
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.431 W/kg**



0 dB = 0.987 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp:21.6

**1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : BandWidth 10 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

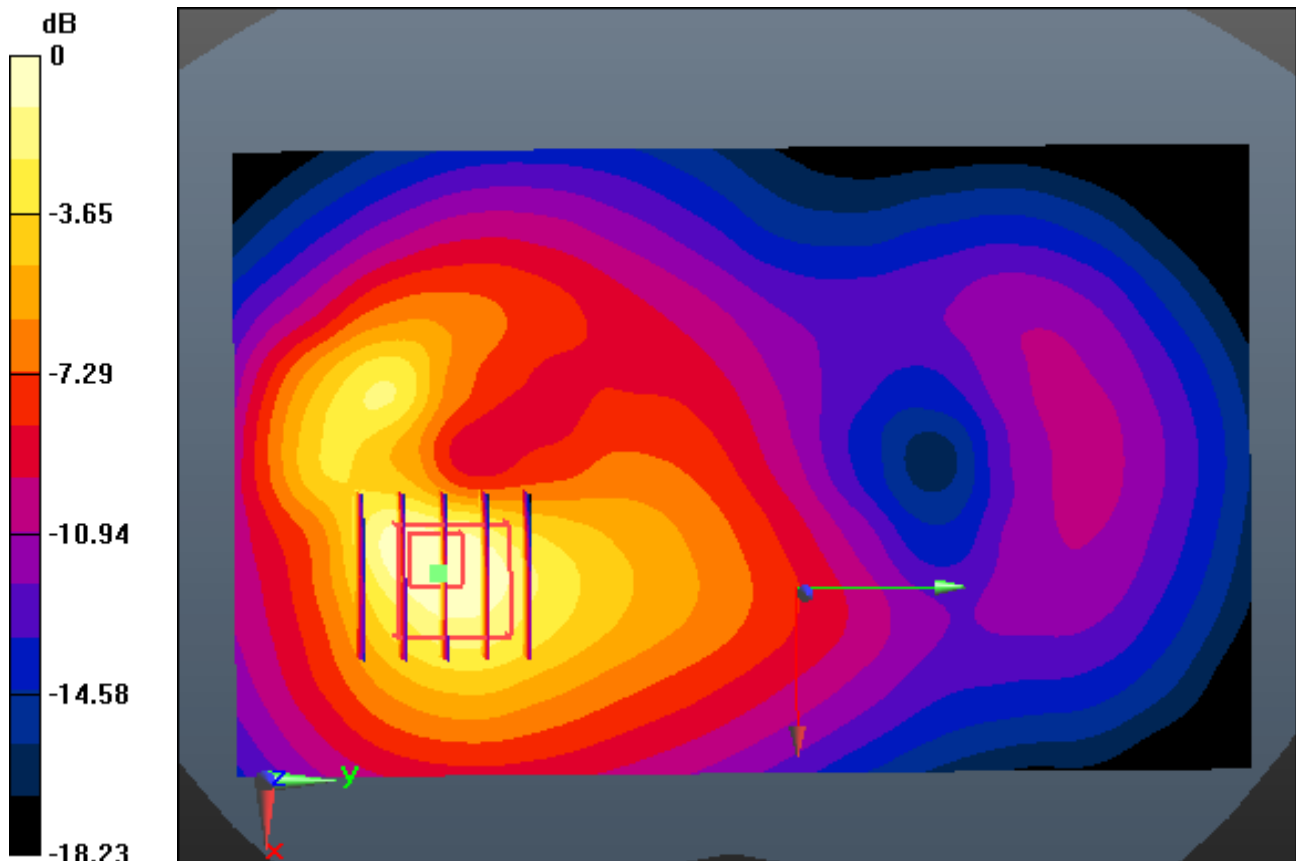
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.431 W/kg**



0 dB = 0.987 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp:21.6

**1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

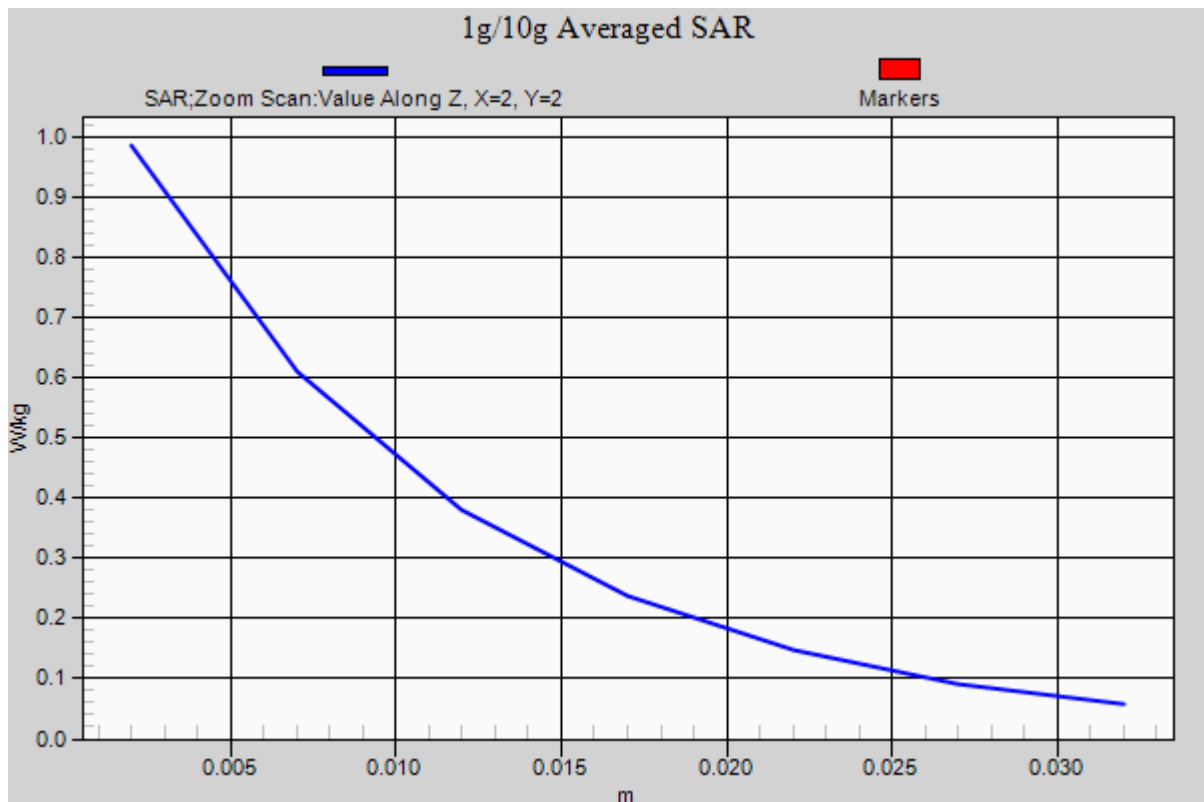
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.431 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

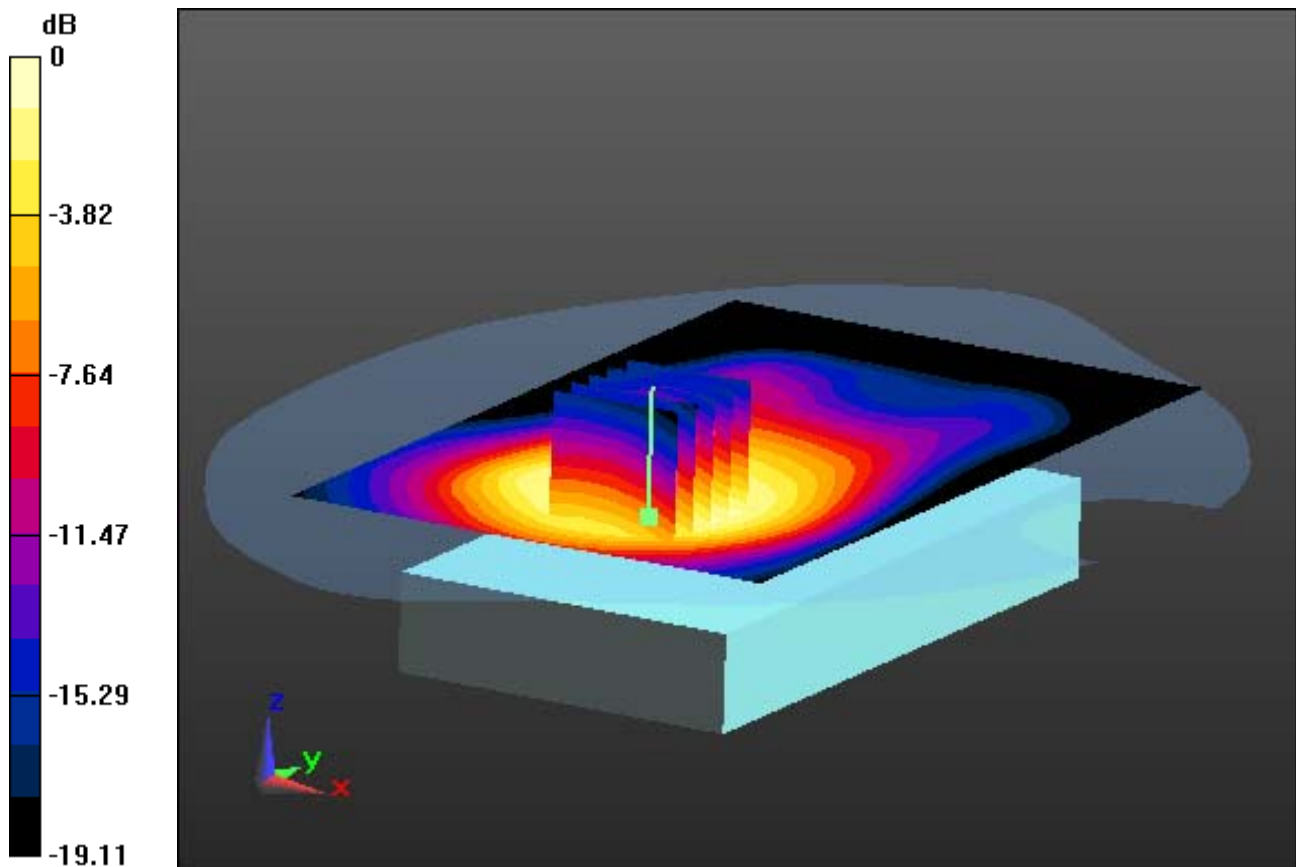
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.753 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.224 W/kg**



0 dB = 0.599 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

**With Enlarge plot image**

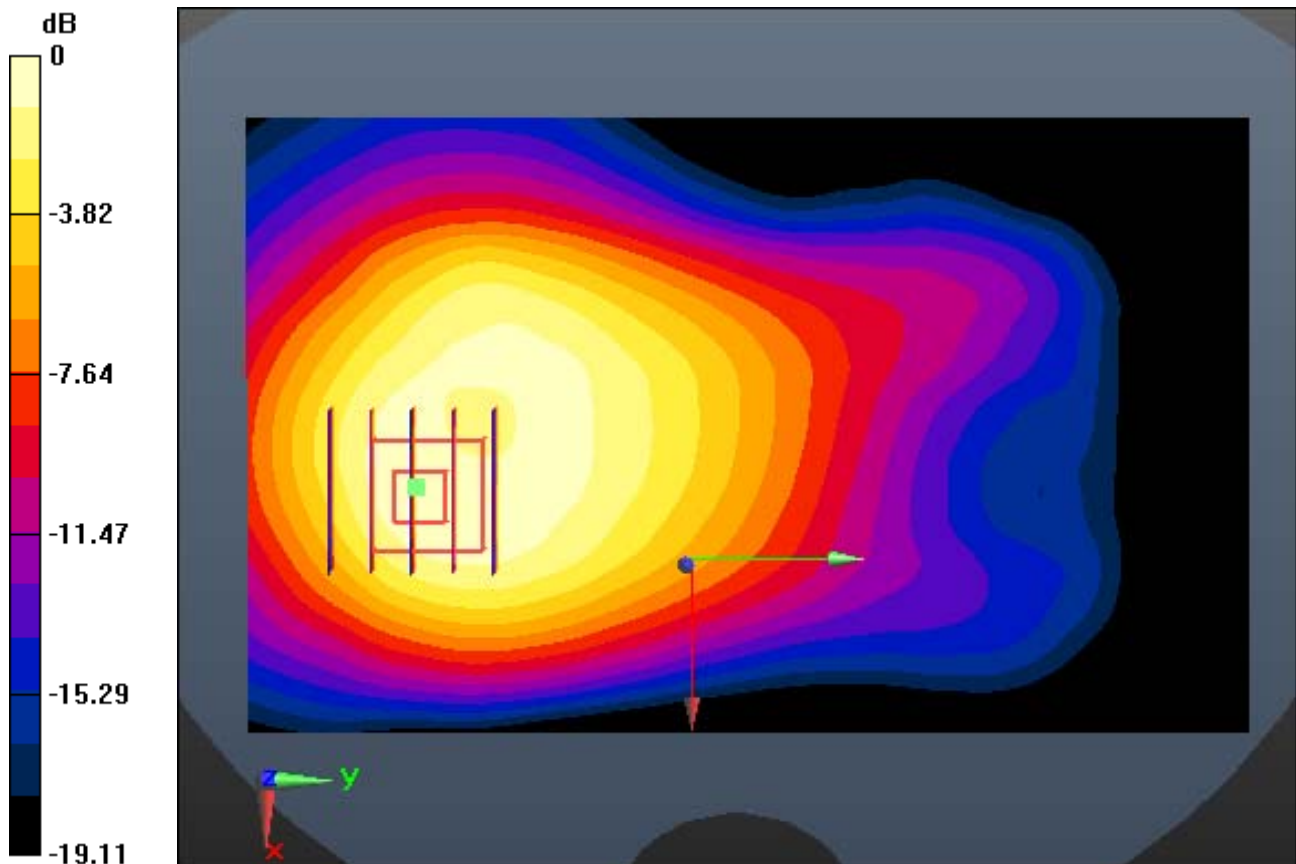
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.753 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.224 W/kg**





## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 2015-07-22; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size:1**

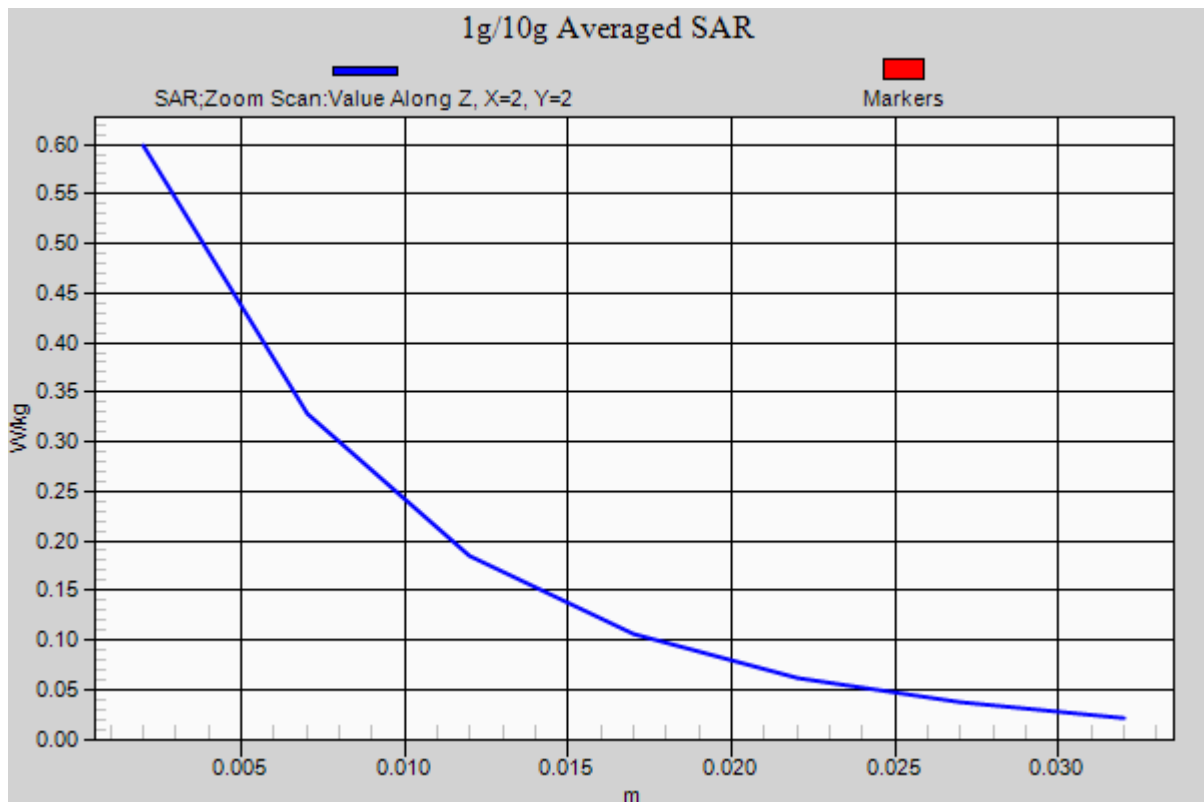
**Area Scan (81x131x1):** Interpolated grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.753 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.224 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.912 \text{ S/m}$ ;  $\epsilon_r = 51.581$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5 Tissue Temp:21.8

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

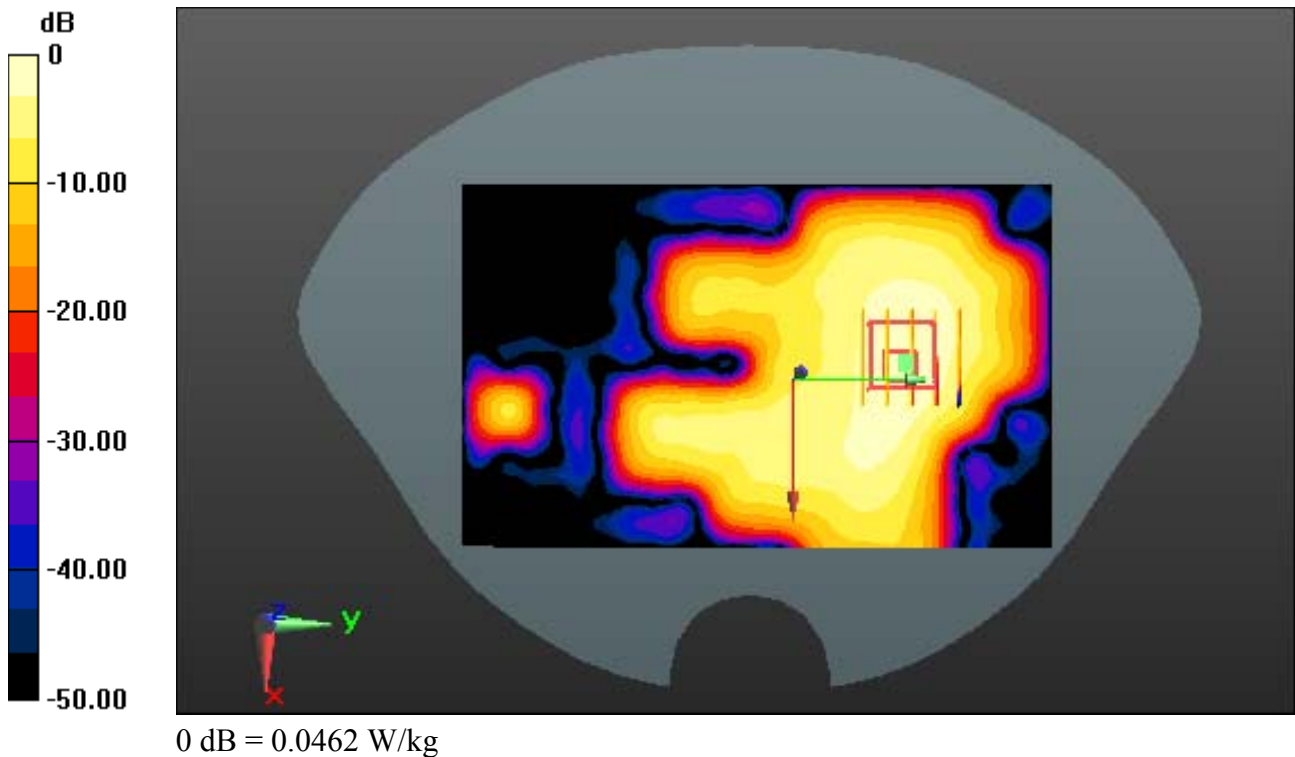
**Area Scan (81x131x1):** Interpolated grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0600 W/kg

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



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 51.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5 Tissue Temp:21.8

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

**With Enlarge plot image**

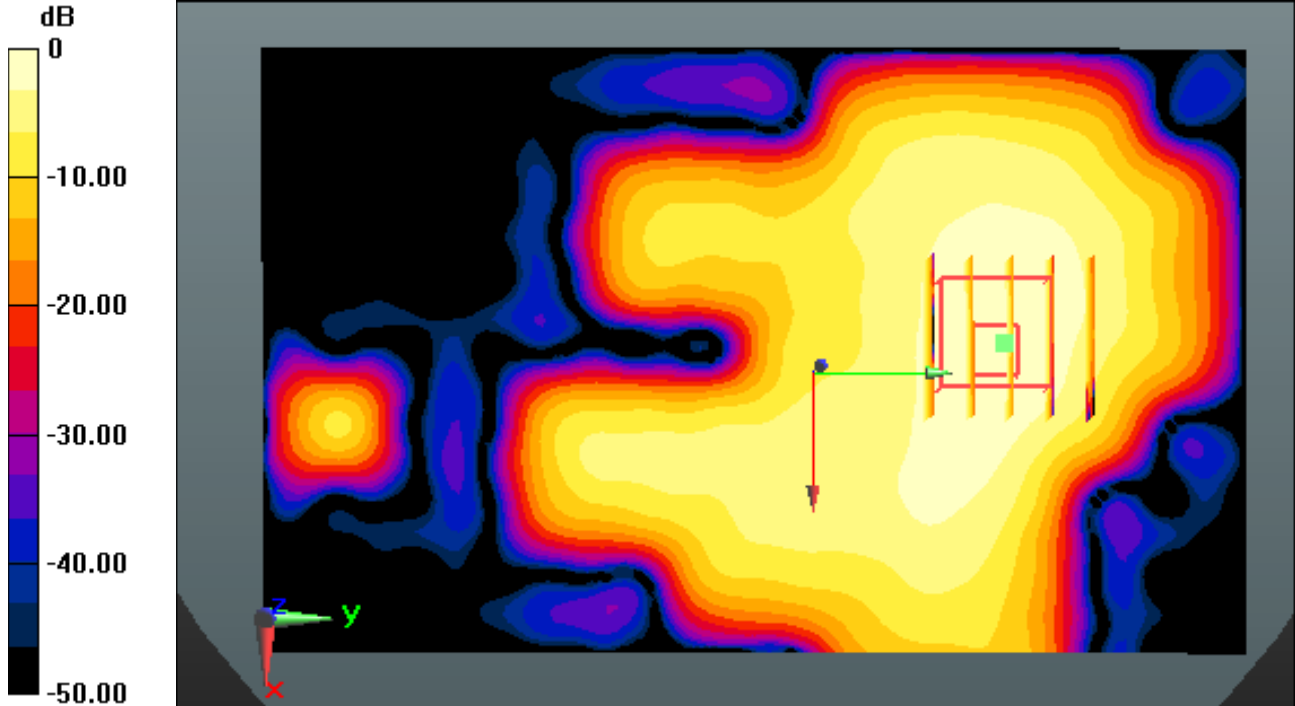
**Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0600 W/kg

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



0 dB = 0.0462 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 51.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5 Tissue Temp:21.8

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

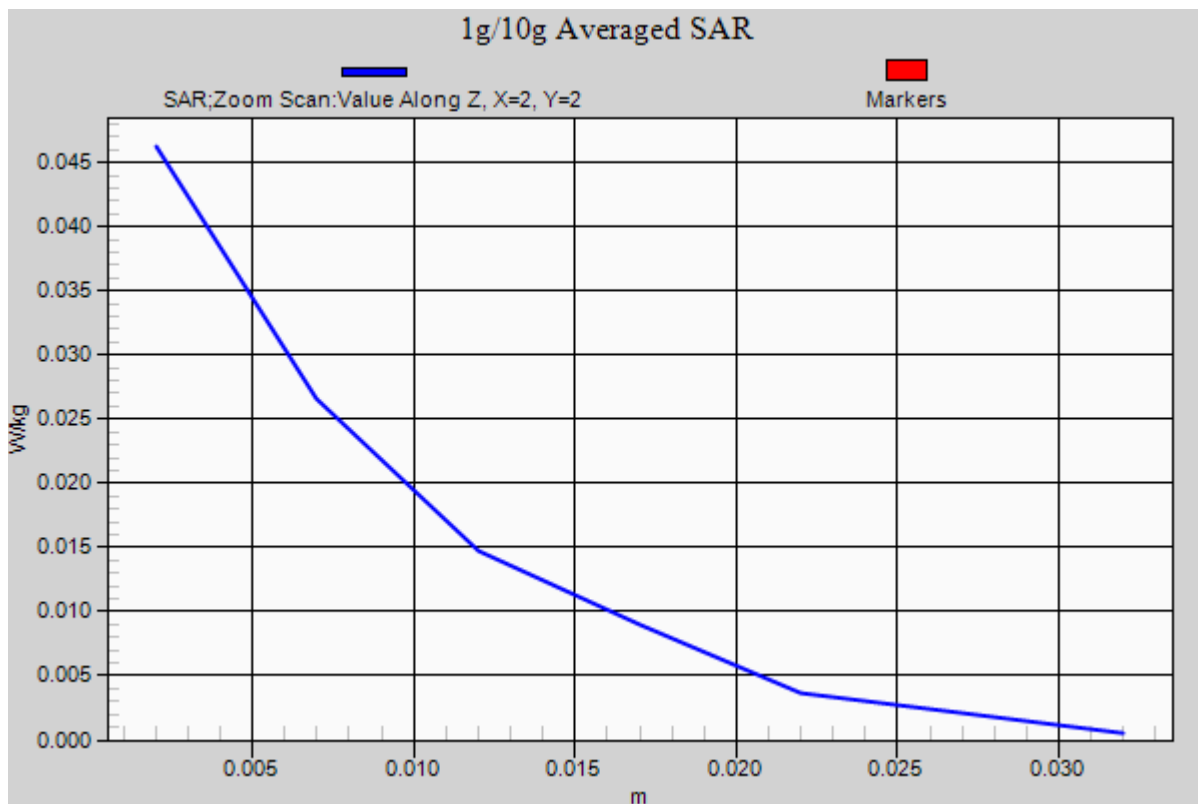
**Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0600 W/kg

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



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **Touch from Body, Rear, GSM850 Ch. 190, Ant.Internal**

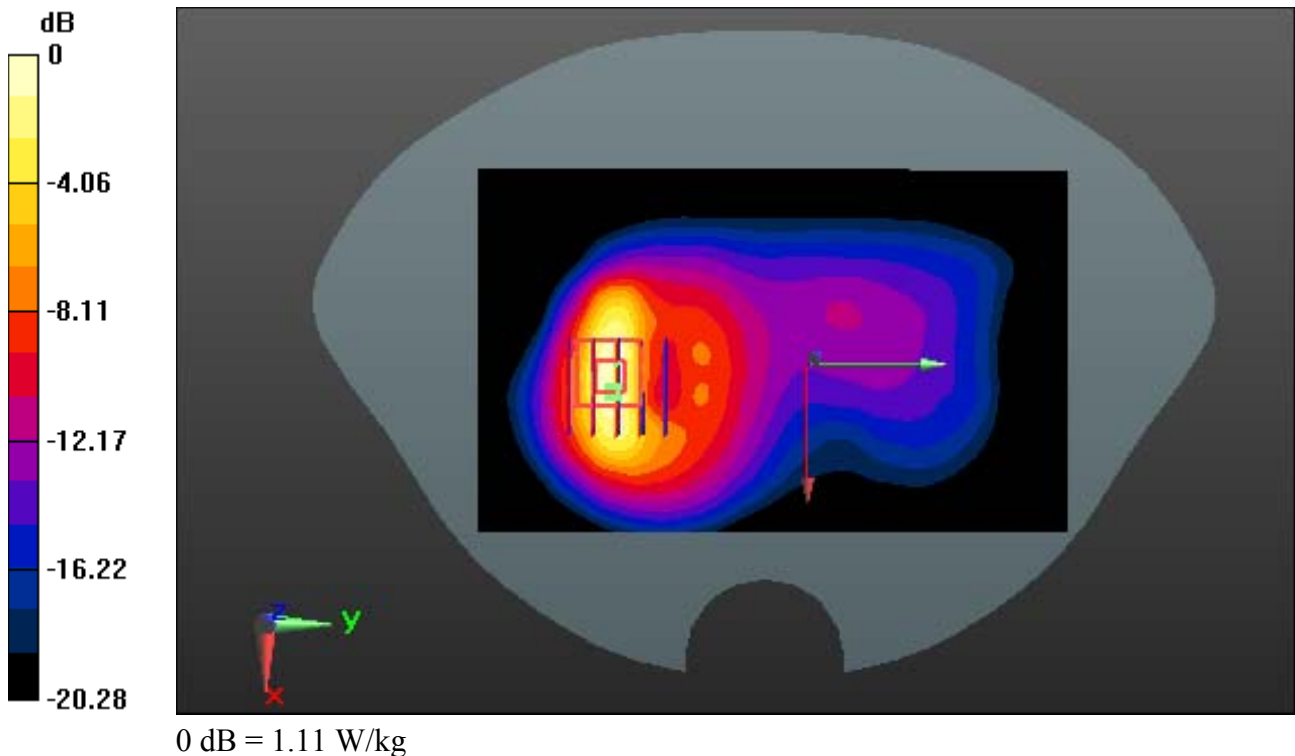
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.310 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

**Touch from Body, Rear, GSM850 Ch. 190, Ant.Internal**

**With Enlarge plot image**

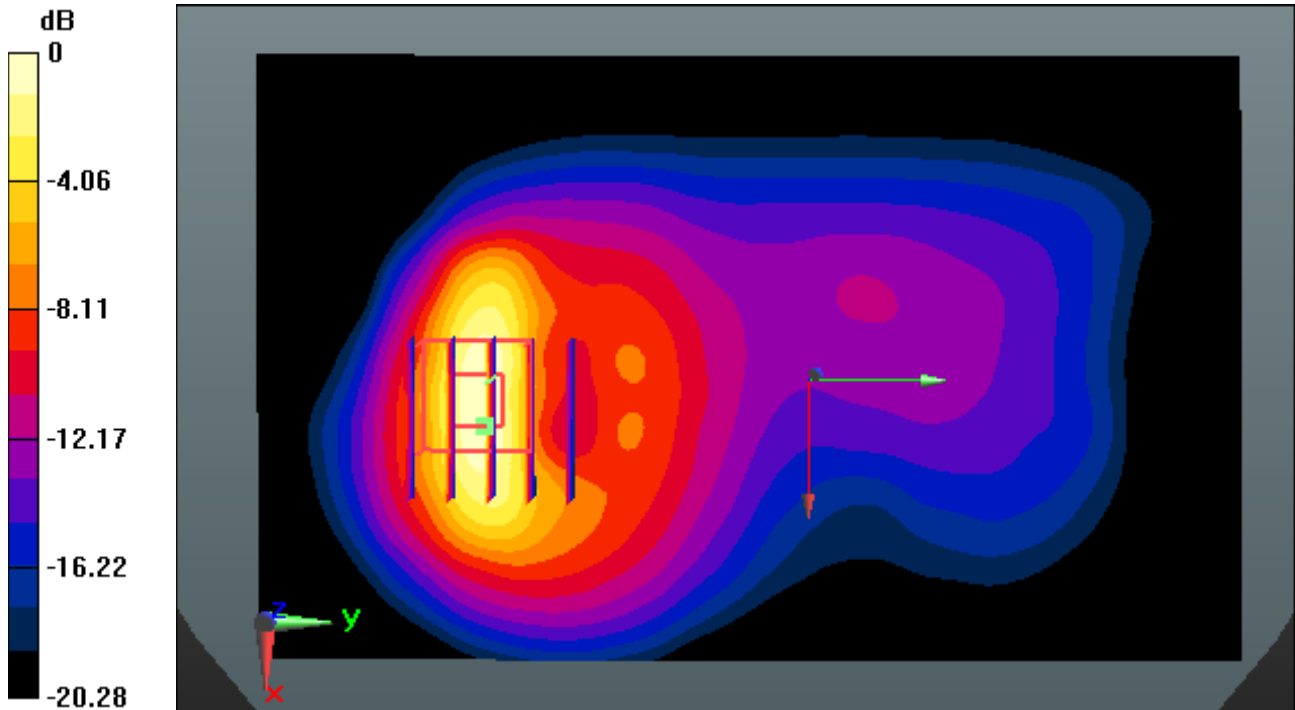
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.310 W/kg**



0 dB = 1.11 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **Touch from Body, Rear, GSM850 Ch. 190, Ant.Internal**

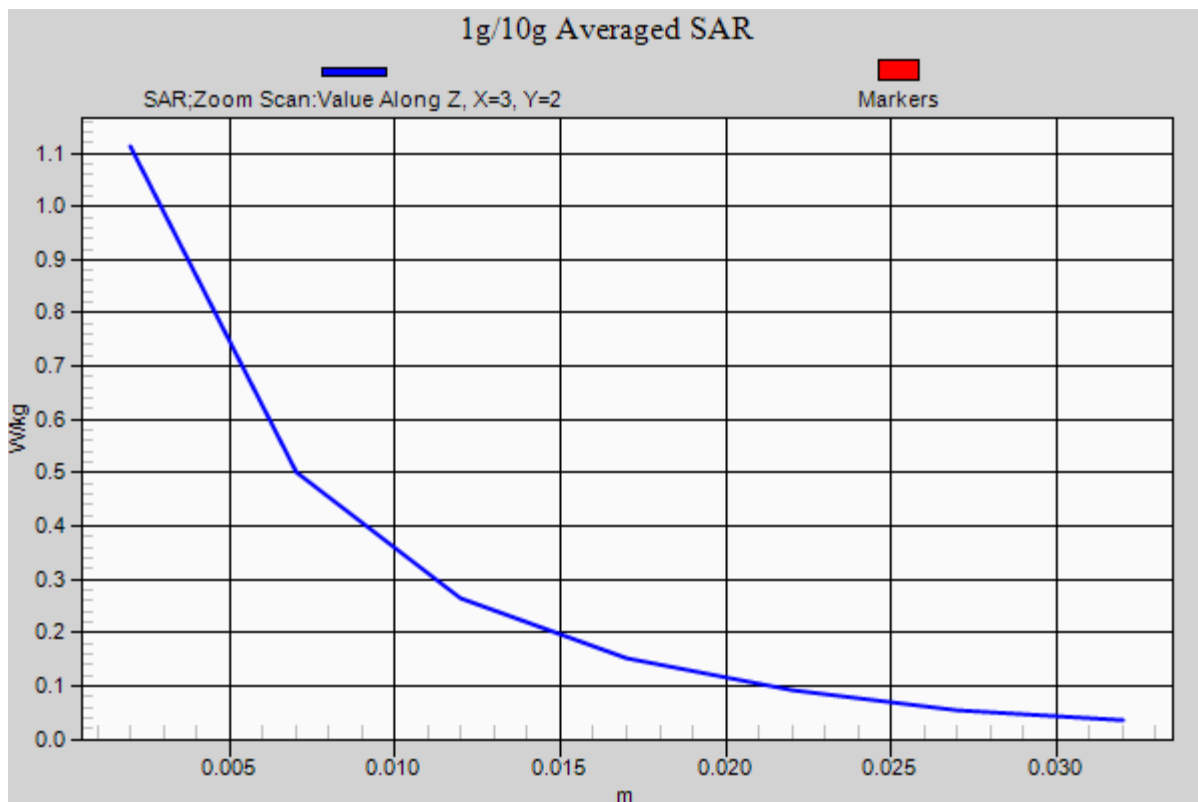
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.310 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850\_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **Touch from Body, Rear, GSM850 GPRS 3Tx Ch. 190, Ant.Internal**

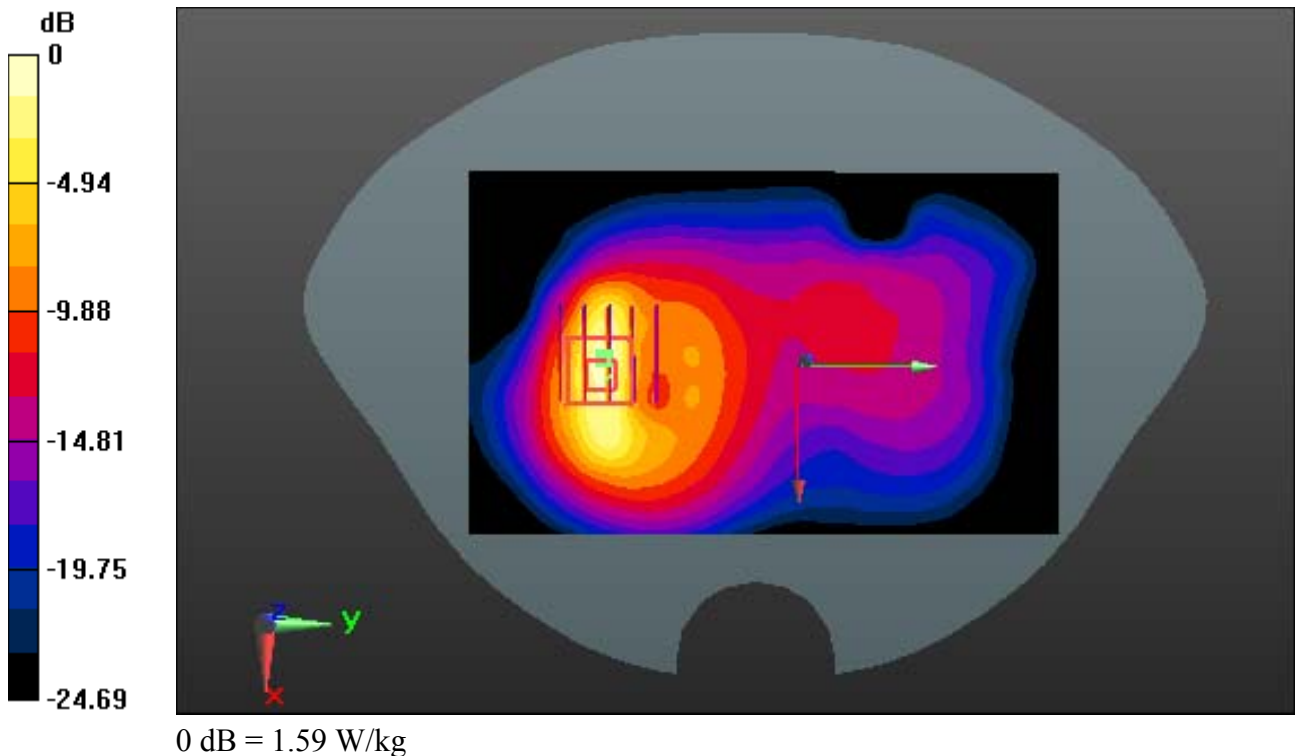
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.427 W/kg





## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: GSM 850\_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

**Touch from Body, Rear, GSM850 GPRS 3Tx Ch. 190, Ant.Internal**

**With Enlarge plot image**

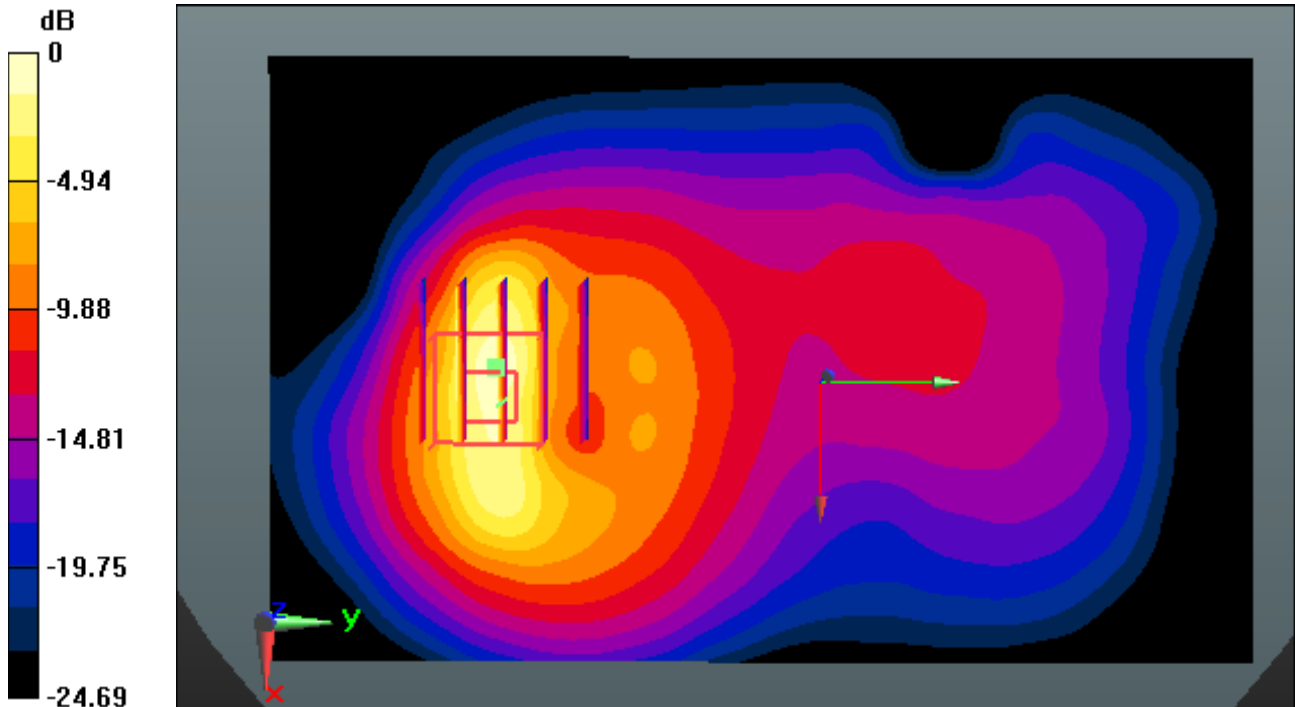
**Area Scan (81x131x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.427 W/kg**



0 dB = 1.59 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: GSM 850\_11 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 53.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-19; Ambient Temp: 21.1; Tissue Temp: 21.6

### **Touch from Body, Rear, GSM850 GPRS 3Tx Ch. 190, Ant.Internal**

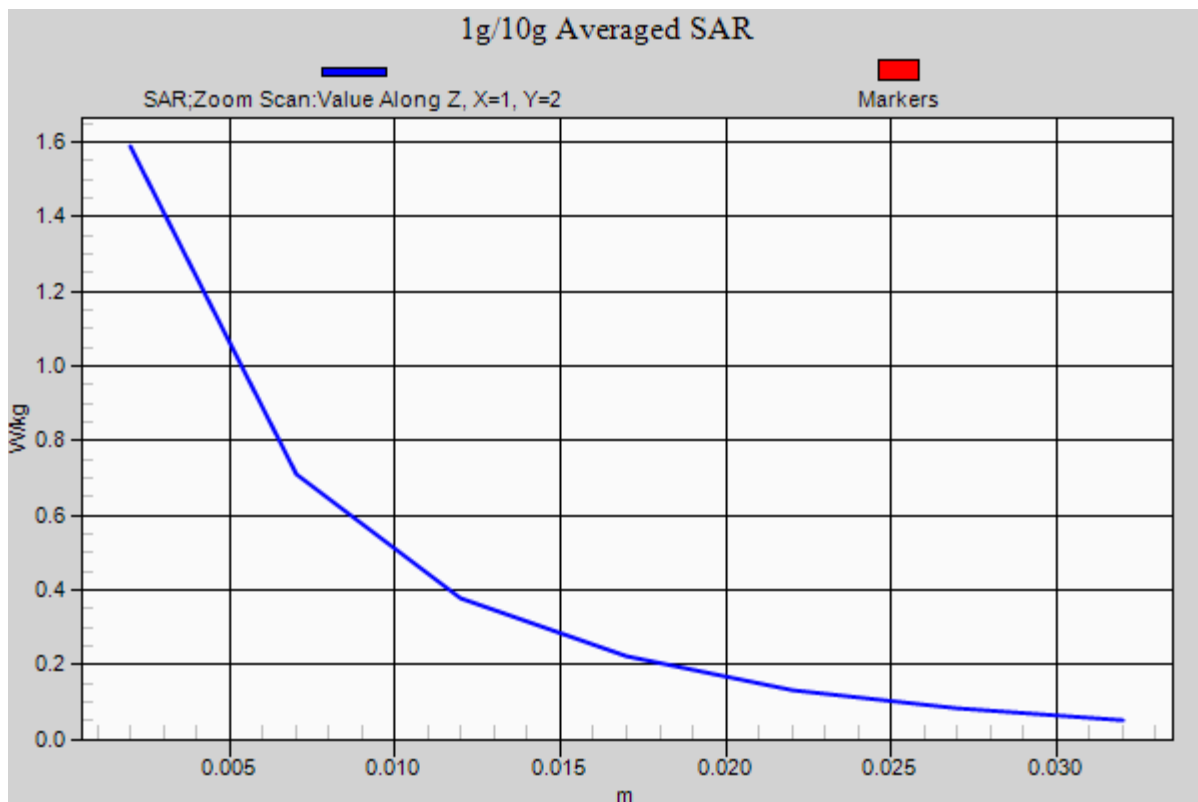
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.427 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **Touch from Body, Rear, PCS1900 Ch. 661, Ant.Internal**

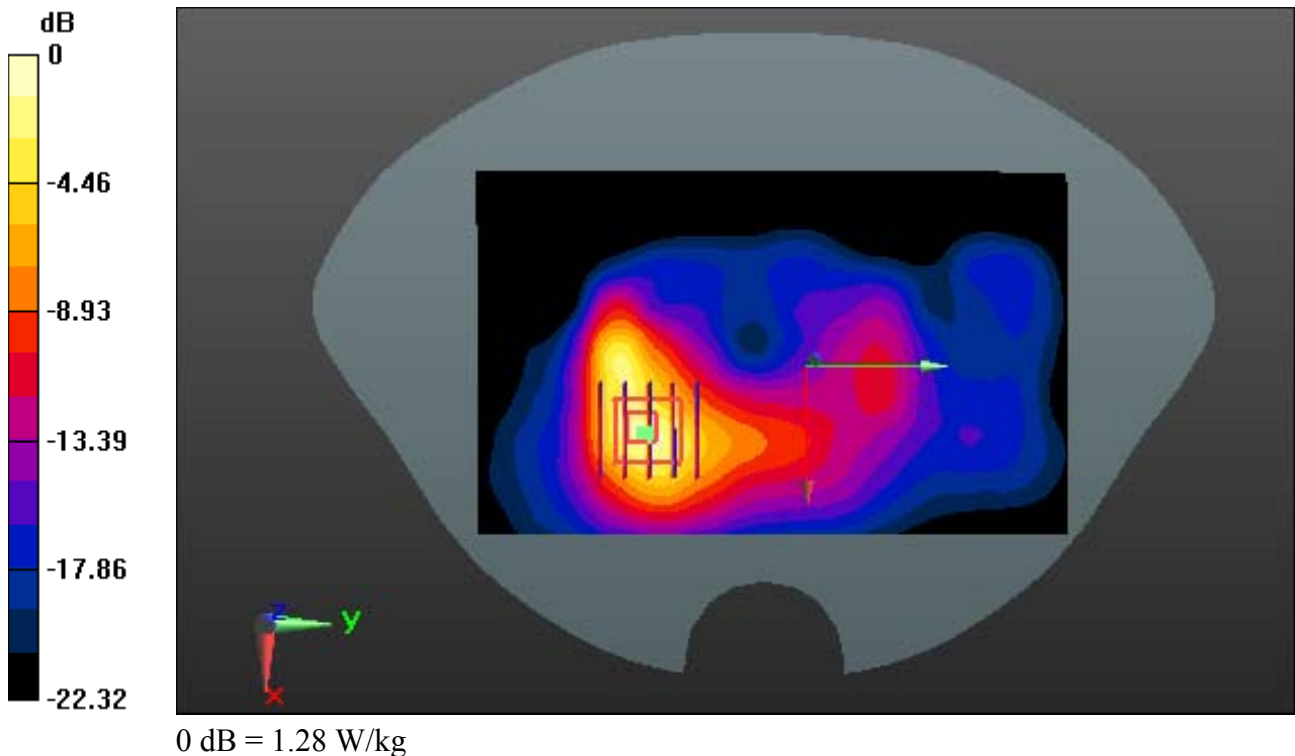
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.372 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

**Touch from Body, Rear, PCS1900 Ch. 661, Ant.Internal**

**With Enlarge plot image**

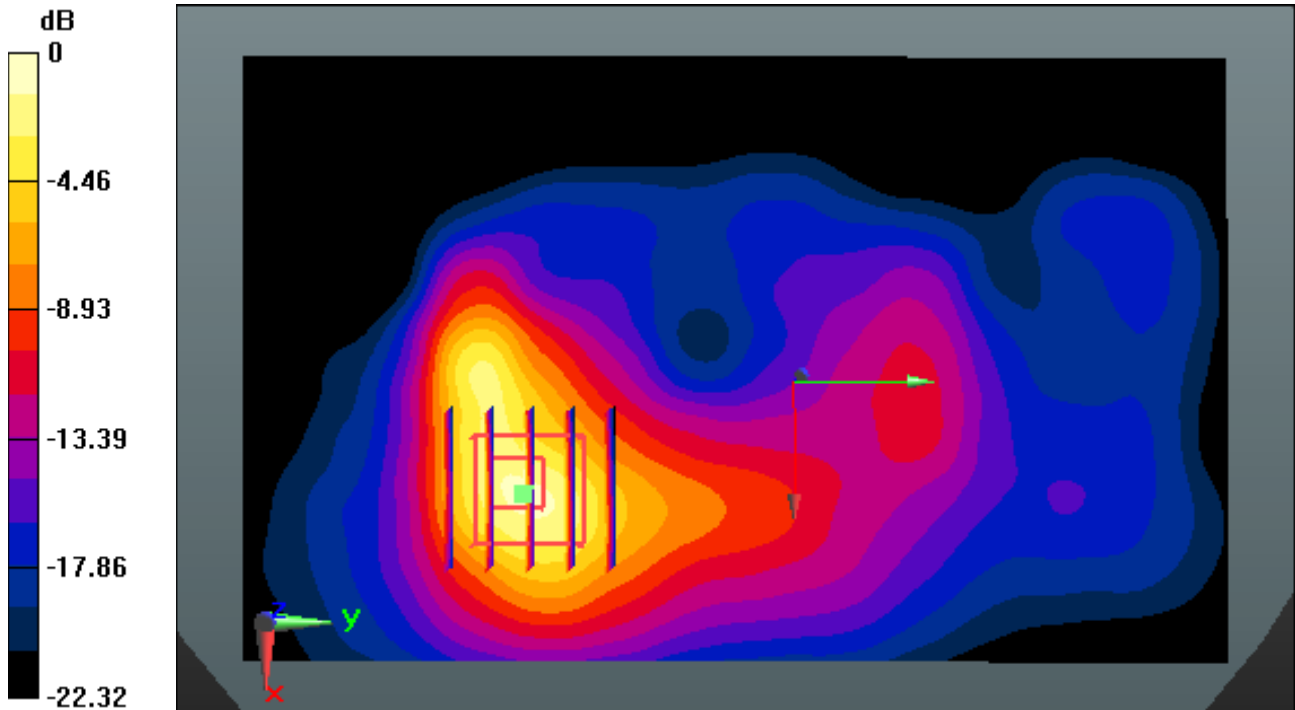
**Area Scan (81x131x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.372 W/kg**



0 dB = 1.28 W/kg

## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### Touch from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant.Internal

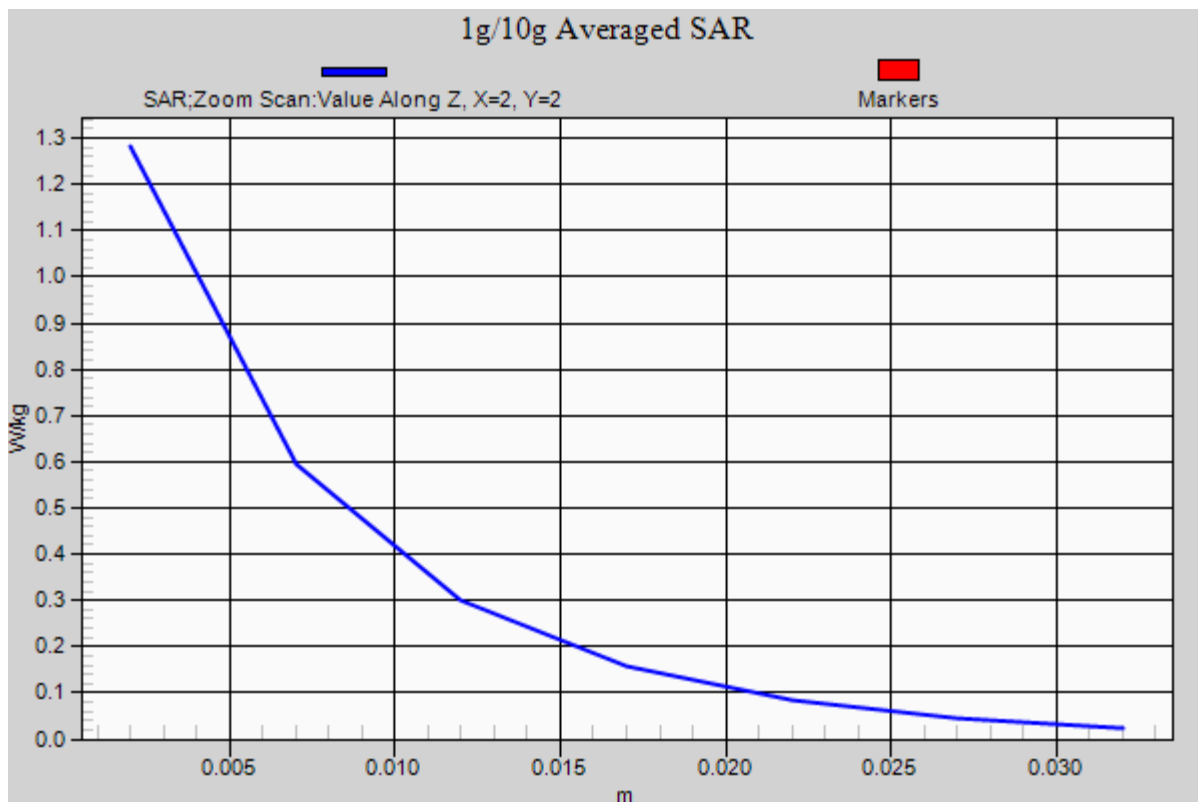
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.372 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **Touch from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant.Internal**

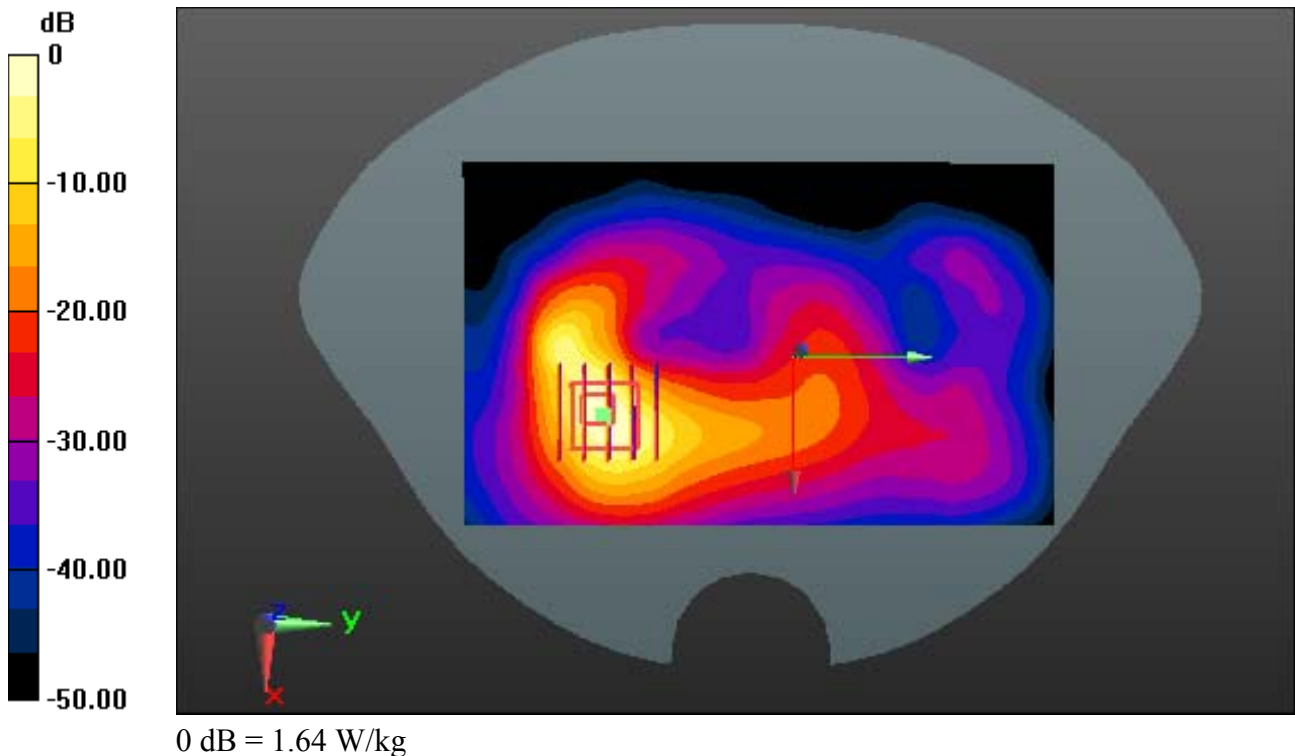
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.529 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

**Touch from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant.Internal**

**With Enlarge plot image**

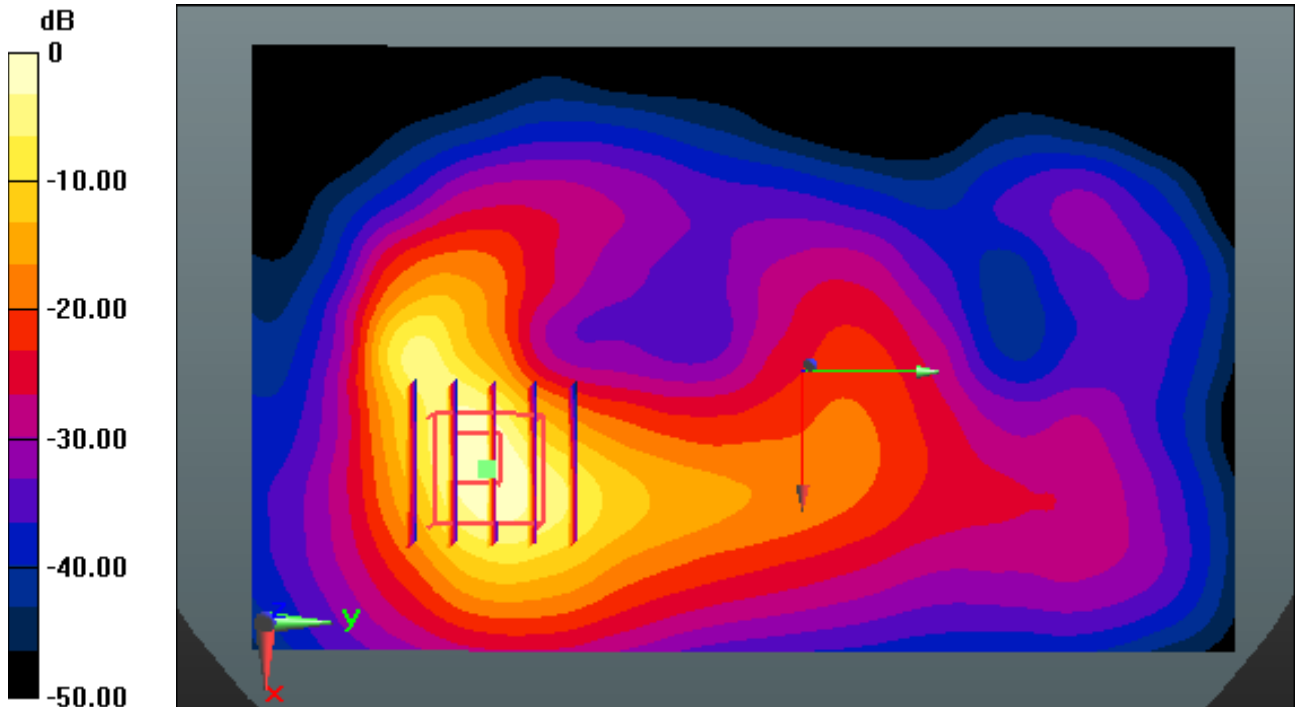
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.529 W/kg**



0 dB = 1.64 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: PCS1900\_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-20; Ambient Temp: 21.3; Tissue Temp: 21.8

### **Touch from Body, Rear, PCS1900 GPRS 4Tx Ch. 661, Ant.Internal**

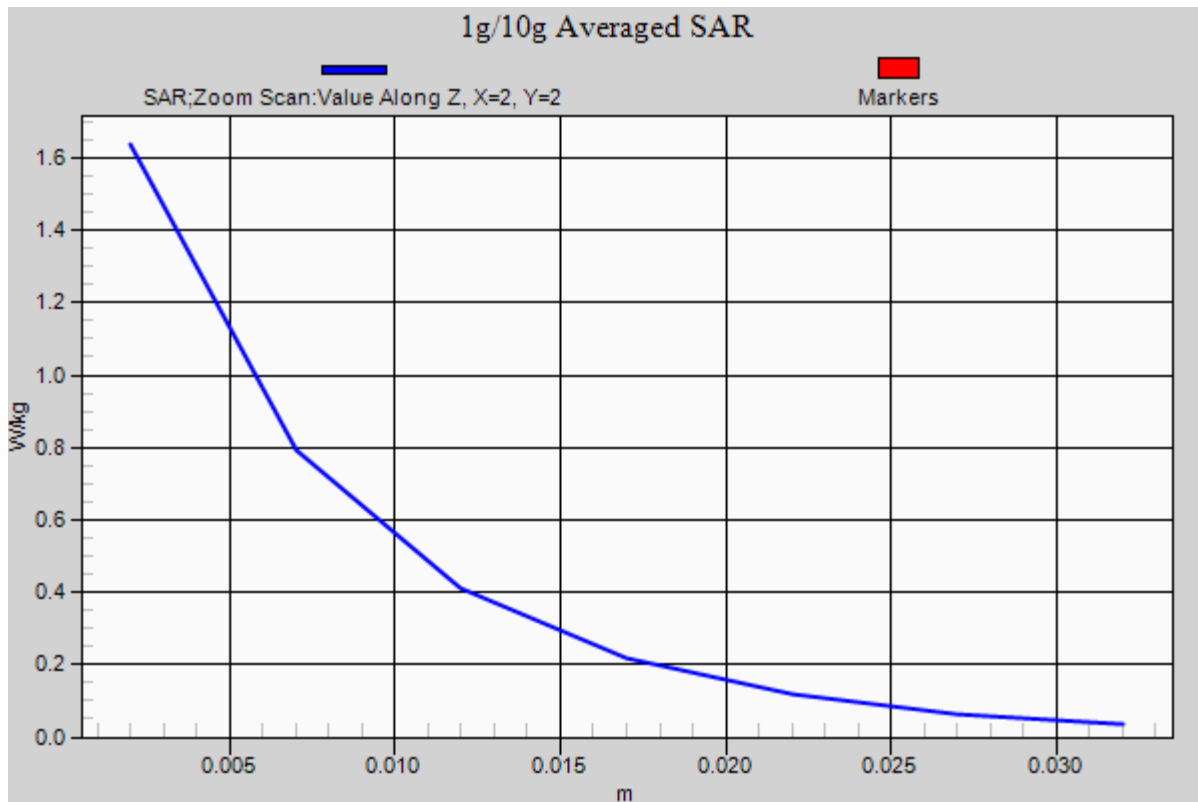
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.529 W/kg**





## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

### **Touch from Body, Rear, WCDMA850 Ch. 4183, Ant.Internal**

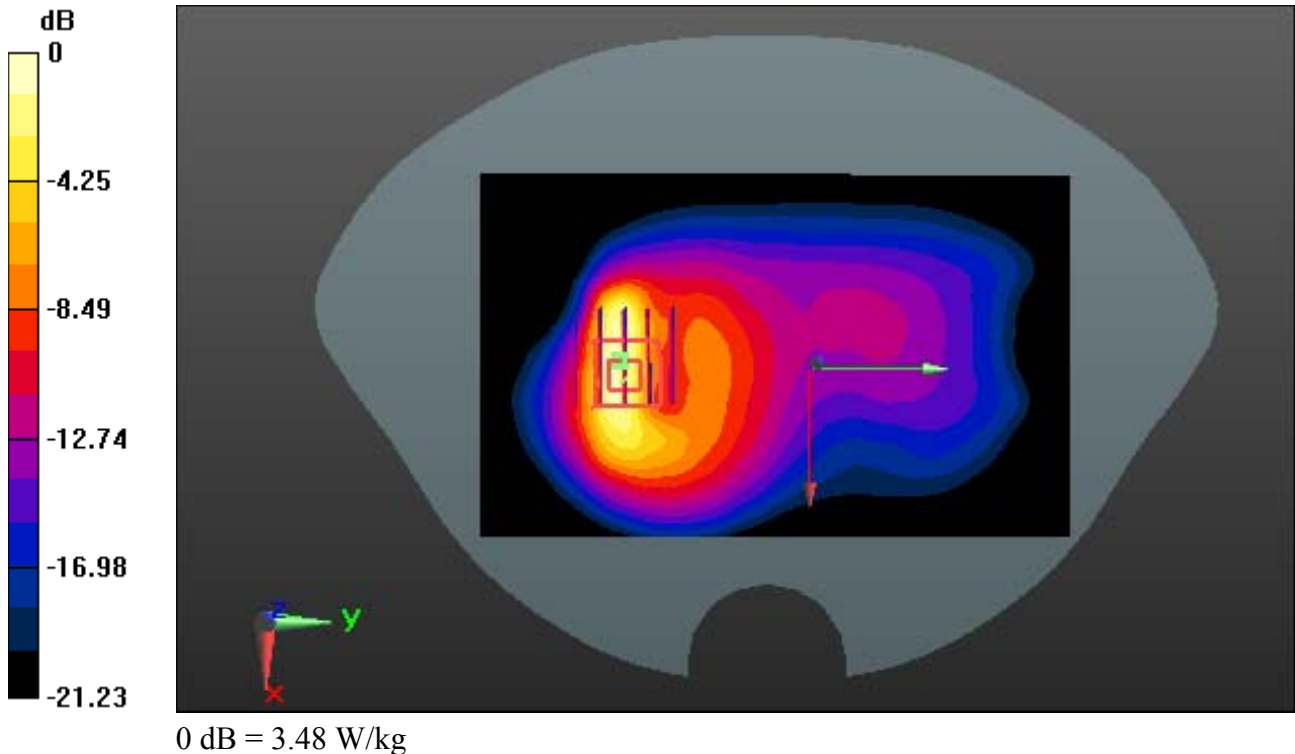
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.68 W/kg

**SAR(1 g) = 2.15 W/kg; SAR(10 g) = 0.988 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

**Touch from Body, Rear, WCDMA850 Ch. 4183, Ant.Internal**

**With Enlarge plot image**

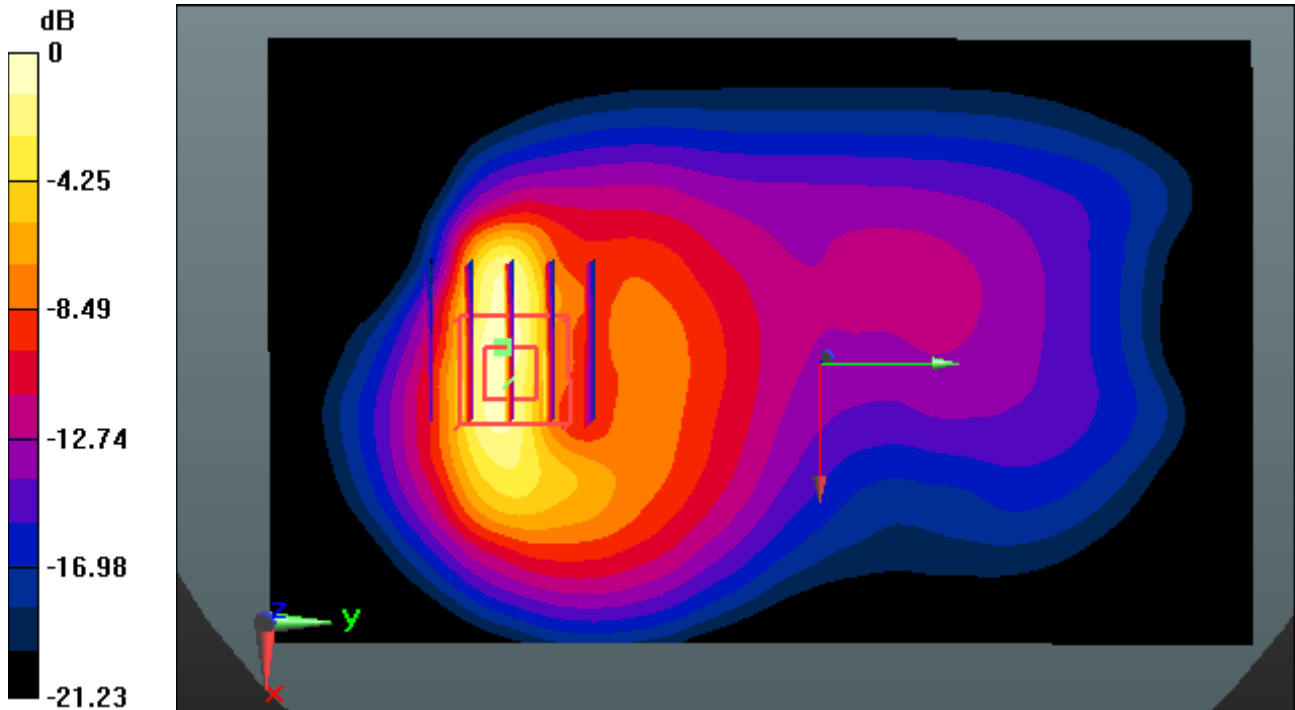
**Area Scan (81x131x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.68 W/kg

**SAR(1 g) = 2.15 W/kg; SAR(10 g) = 0.988 W/kg**



0 dB = 3.48 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.347$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-14; Ambient Temp: 21.4; Tissue Temp: 21.8

### **Touch from Body, Rear, WCDMA850 Ch. 4183, Ant.Internal**

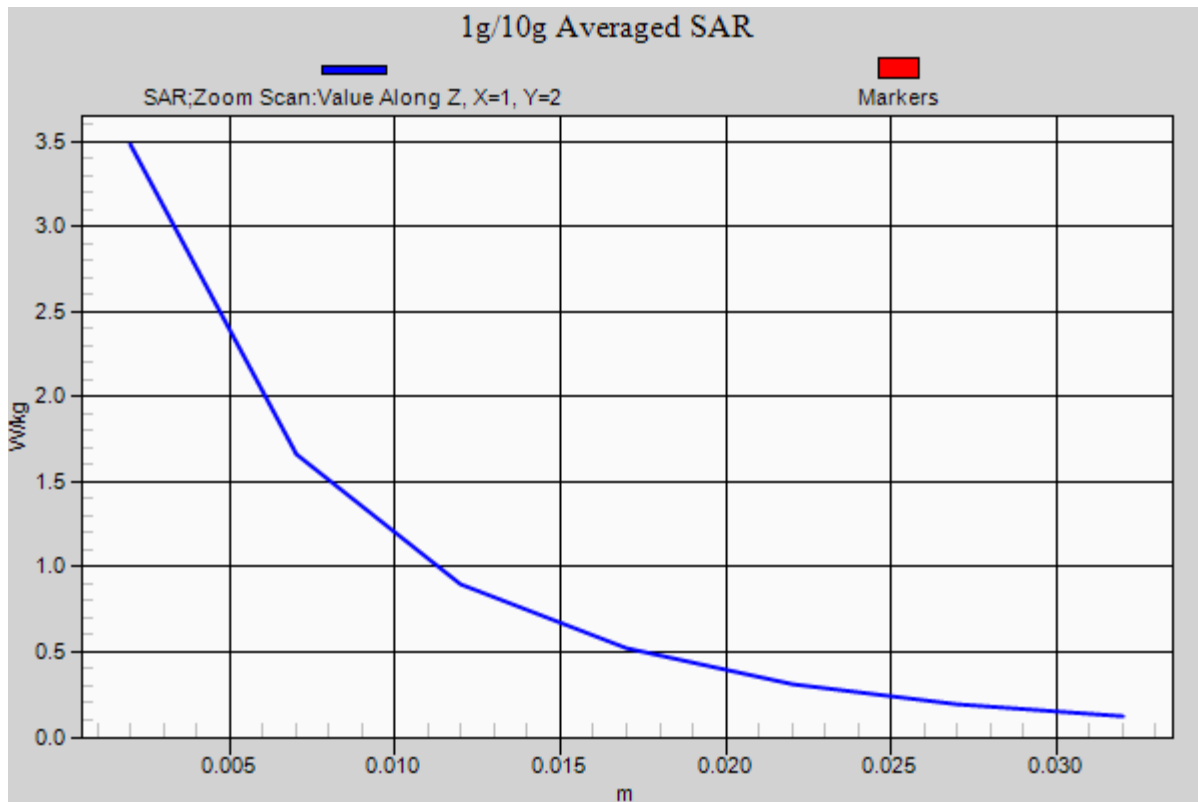
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.68 W/kg

**SAR(1 g) = 2.15 W/kg; SAR(10 g) = 0.988 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

### **Touch from Body, Rear, WCDMA1700 Ch. 1412, Ant.Internal**

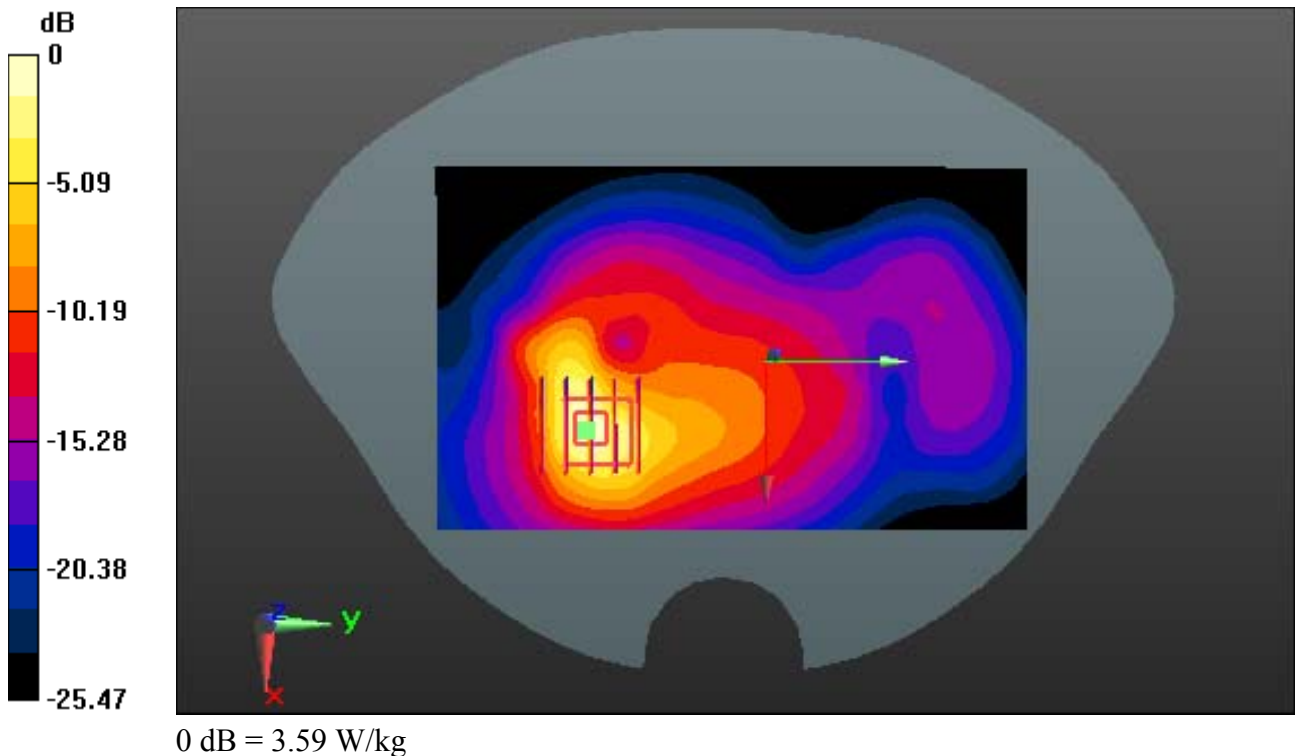
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 4.69 W/kg

**SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.06 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

**Touch from Body, Rear, WCDMA1700 Ch. 1412, Ant.Internal**

**With Enlarge plot image**

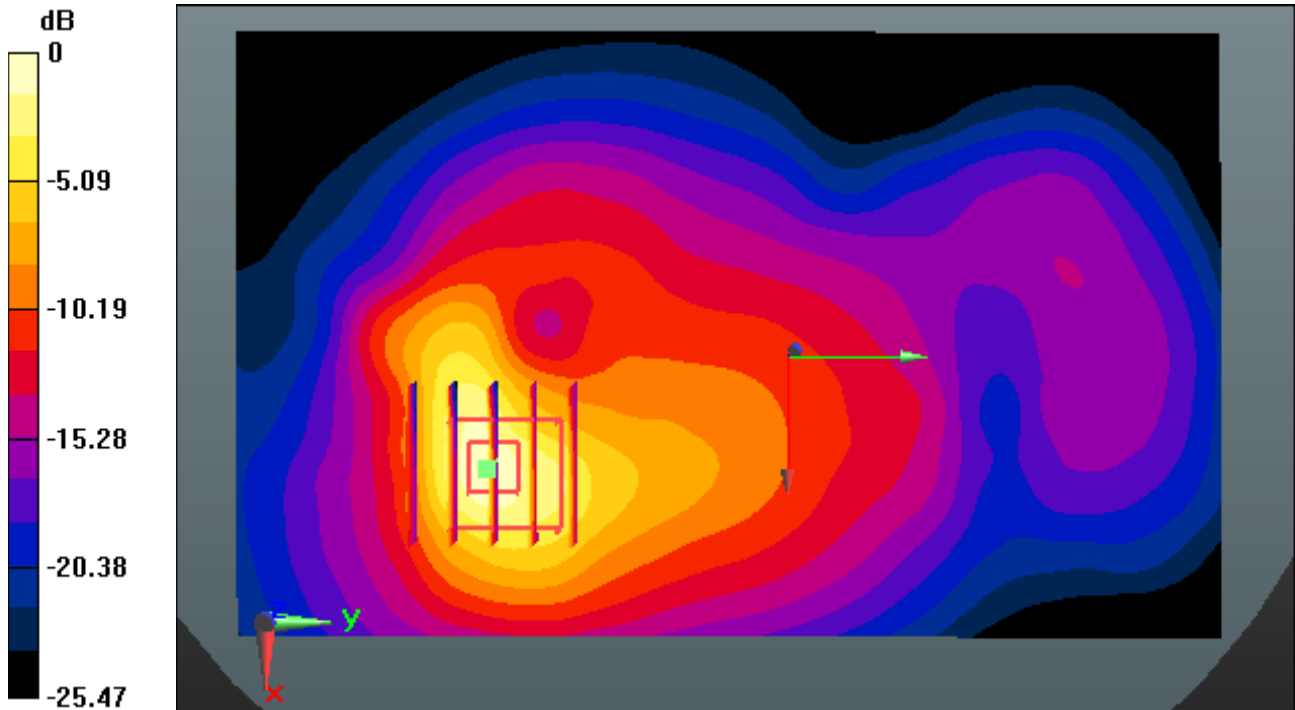
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 4.69 W/kg

**SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.06 W/kg**



0 dB = 3.59 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.484$  S/m;  $\epsilon_r = 54.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-15; Ambient Temp: 21.2; Tissue Temp: 21.5

### **Touch from Body, Rear, WCDMA1700 Ch. 1412, Ant.Internal**

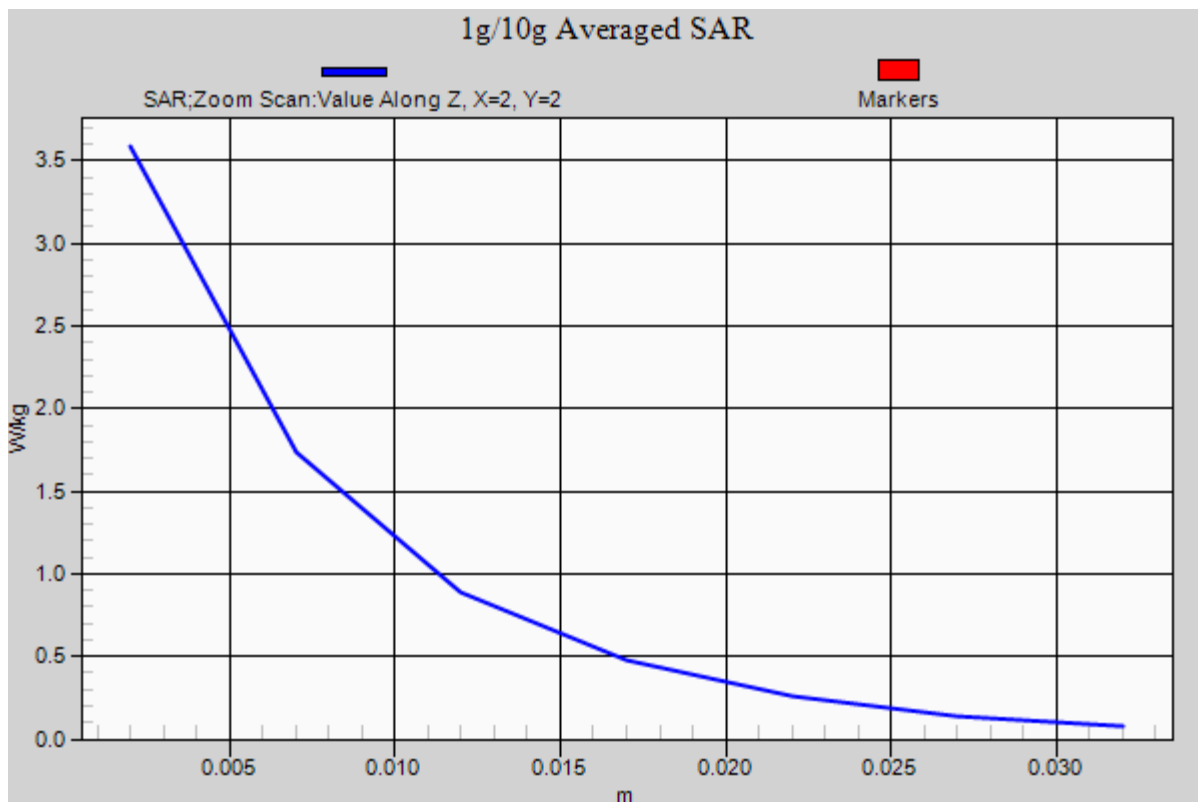
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 4.69 W/kg

**SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.06 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

### **Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal**

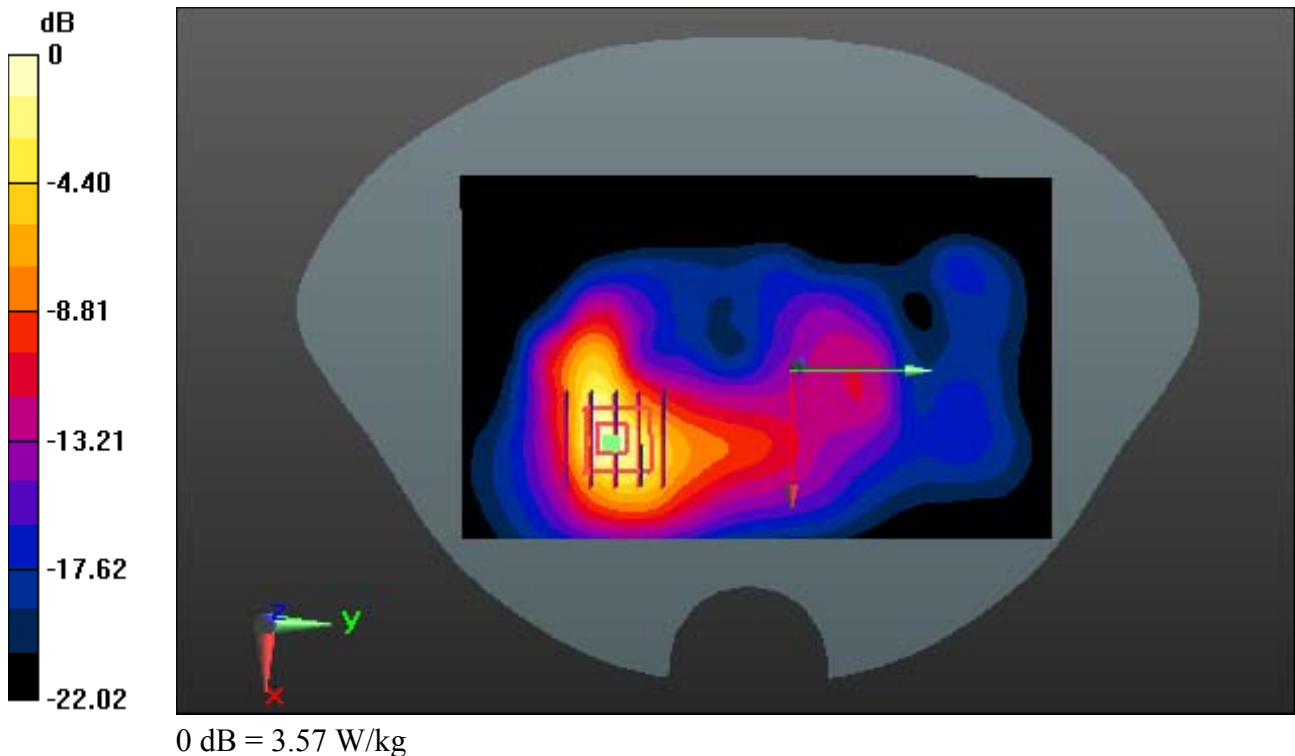
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.76 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 0.988 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

**Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal**

**With Enlarge plot image**

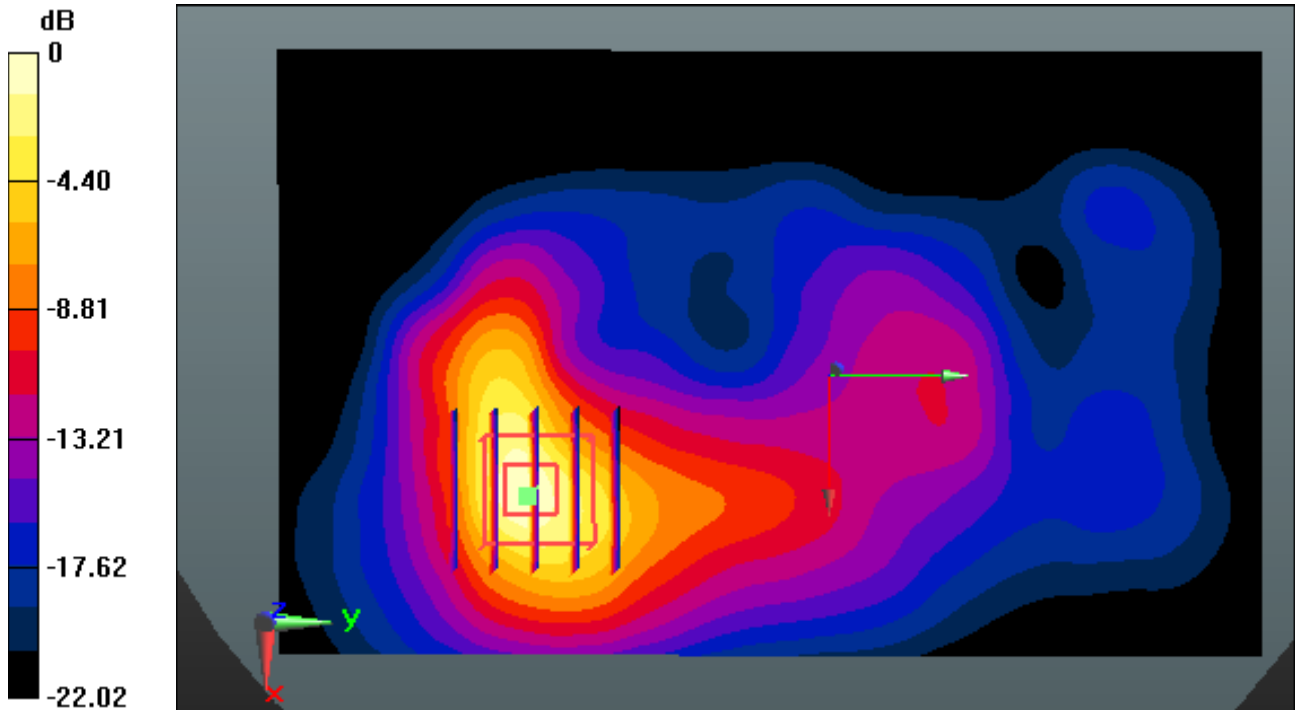
**Area Scan (81x131x1):** Interpolated grid:  $dx=15$  mm,  $dy=15$  mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.76 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 0.988 W/kg**



0 dB = 3.57 W/kg



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.497$  S/m;  $\epsilon_r = 52.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-16; Ambient Temp: 21.3; Tissue Temp: 21.7

### **Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal**

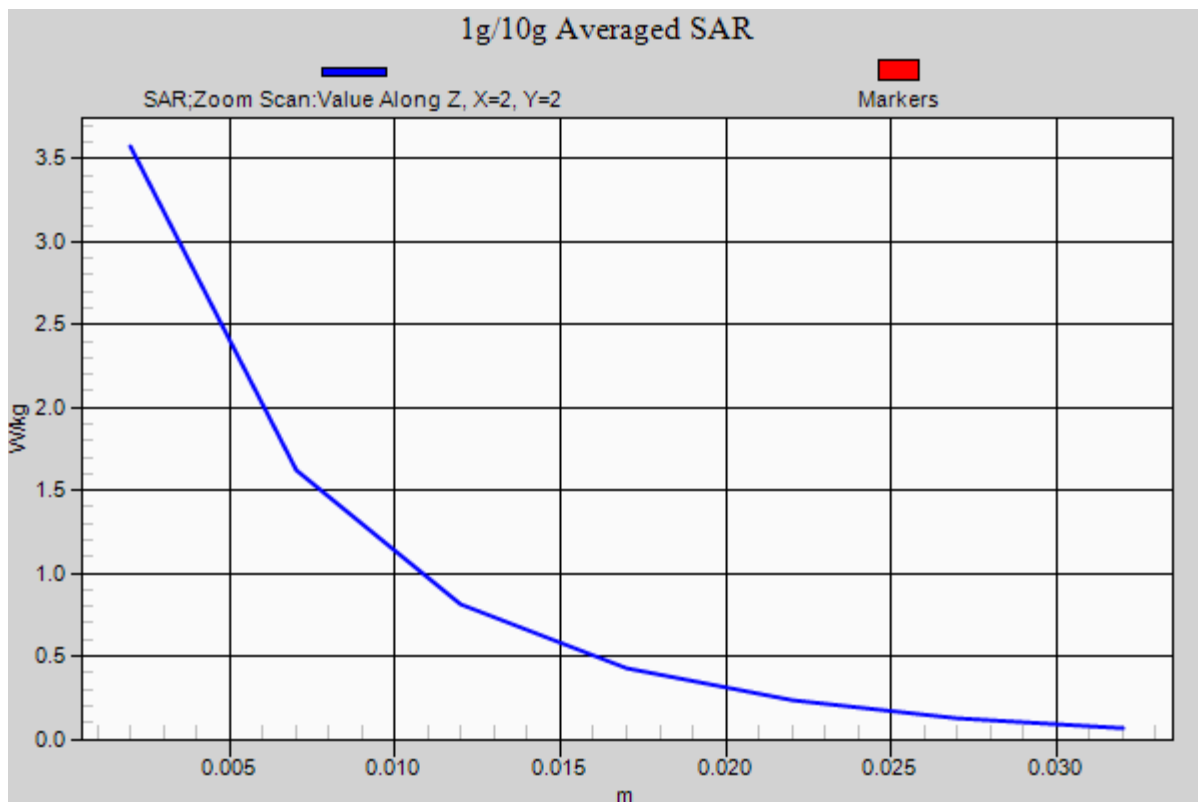
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.76 W/kg

**SAR(1 g) = 2.17 W/kg; SAR(10 g) = 0.988 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 55.643$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**Touch from Body, Rear, LTE Band 17 Ch. 23790, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

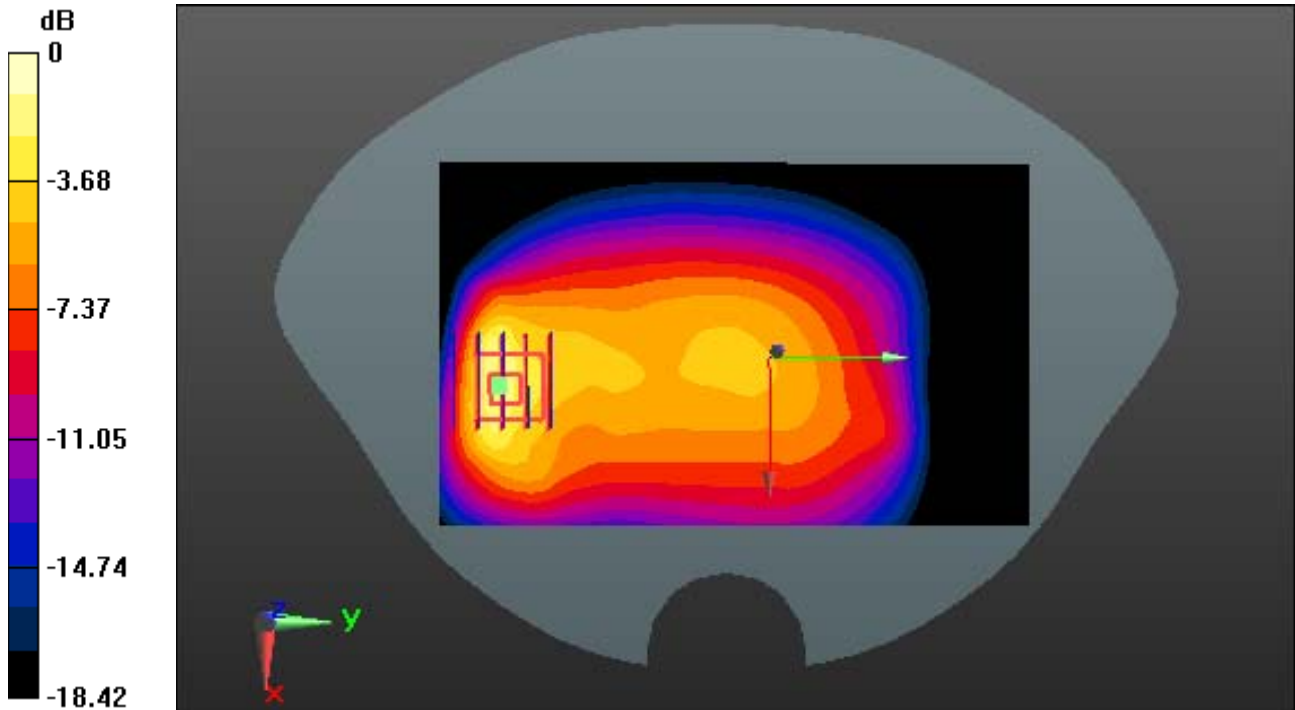
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) =  $2.00 \text{ W/kg}$

**SAR(1 g) =  $0.923 \text{ W/kg}$ ; SAR(10 g) =  $0.444 \text{ W/kg}$**



0 dB =  $1.40 \text{ W/kg}$

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 55.643$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**Touch from Body, Rear, LTE Band 17 Ch. 23790, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

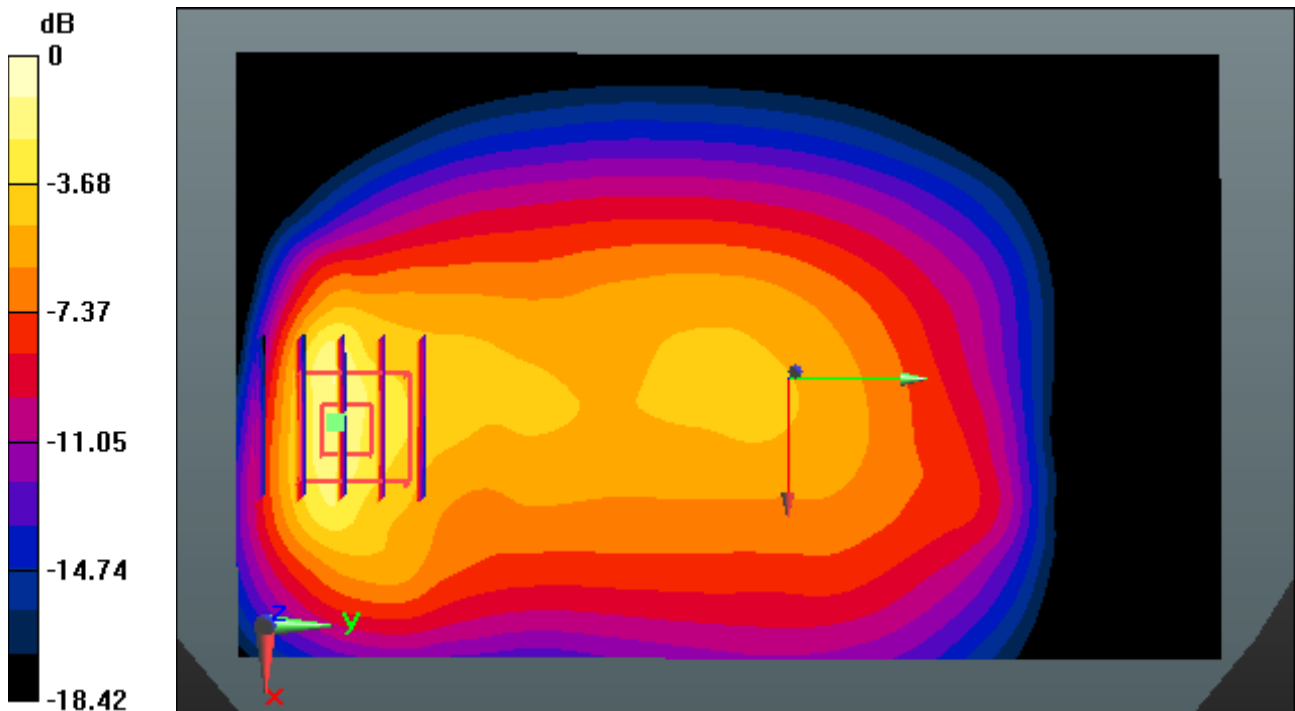
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.444 W/kg**



0 dB = 1.40 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 17 (FCC) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 55.643$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-10; Ambient Temp: 21.4; Tissue Temp: 21.7

**Touch from Body, Rear, LTE Band 17 Ch. 23790, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

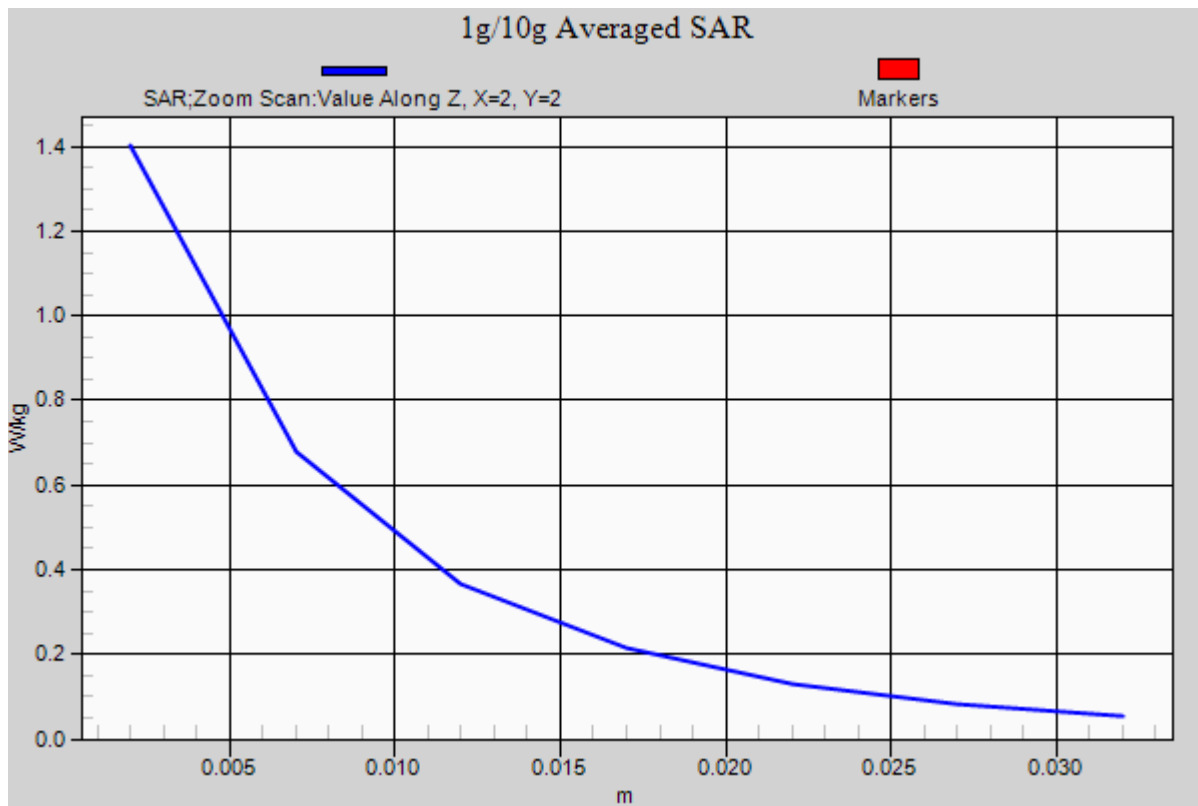
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) =  $2.00 \text{ W/kg}$

**SAR(1 g) =  $0.923 \text{ W/kg}$ ; SAR(10 g) =  $0.444 \text{ W/kg}$**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.989 \text{ S/m}$ ;  $\epsilon_r = 54.845$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**Touch from Body, Rear, LTE Band 13 Ch. 23230, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

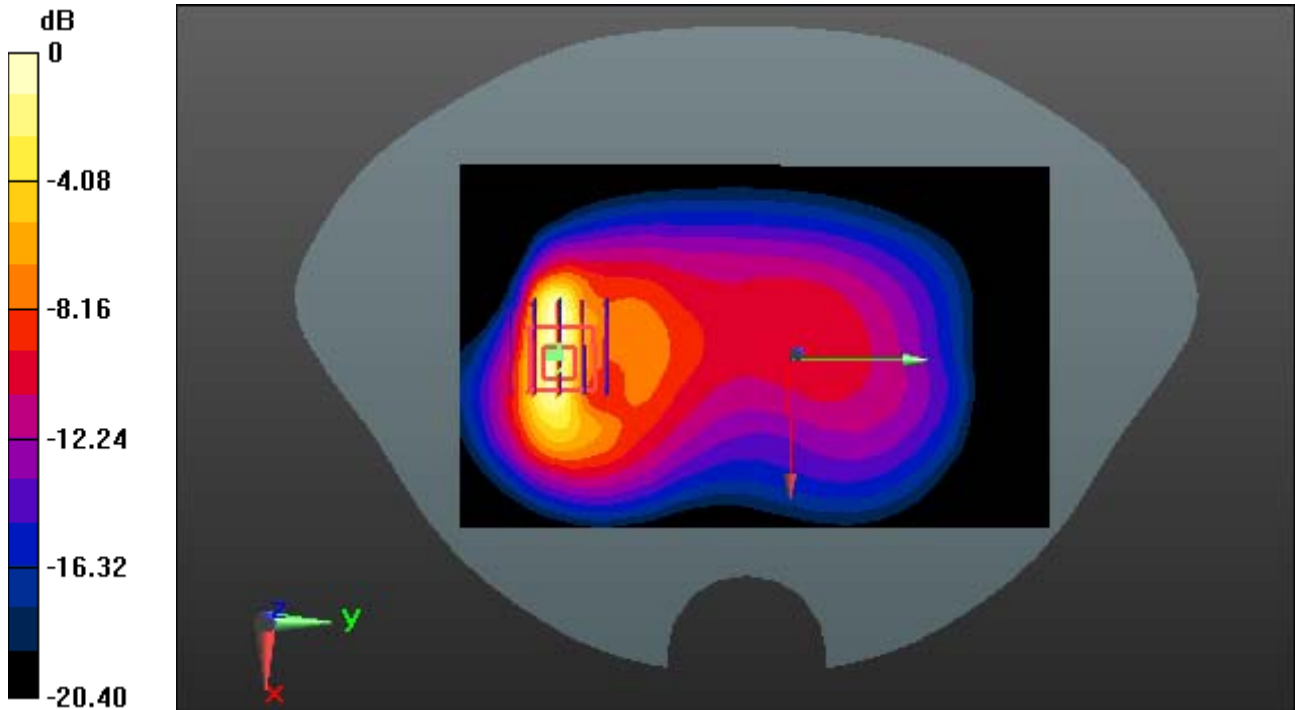
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 1.66 W/kg; SAR(10 g) = 0.760 W/kg**



0 dB = 2.78 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.989 \text{ S/m}$ ;  $\epsilon_r = 54.845$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

**Touch from Body, Rear, LTE Band 13 Ch. 23230, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

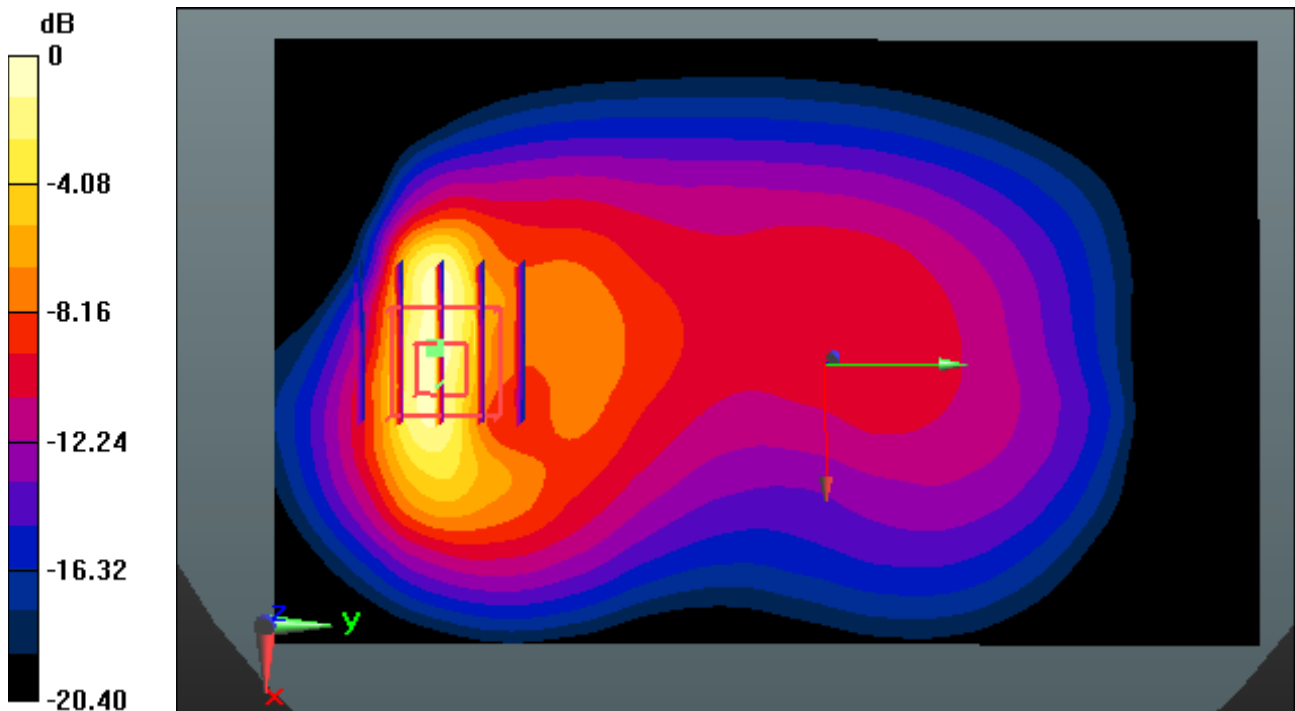
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 1.66 W/kg; SAR(10 g) = 0.760 W/kg**



## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.989 \text{ S/m}$ ;  $\epsilon_r = 54.845$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.64, 9.64, 9.64); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-09; Ambient Temp: 21.2; Tissue Temp: 21.6

### **Touch from Body, Rear, LTE Band 13 Ch. 23230, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

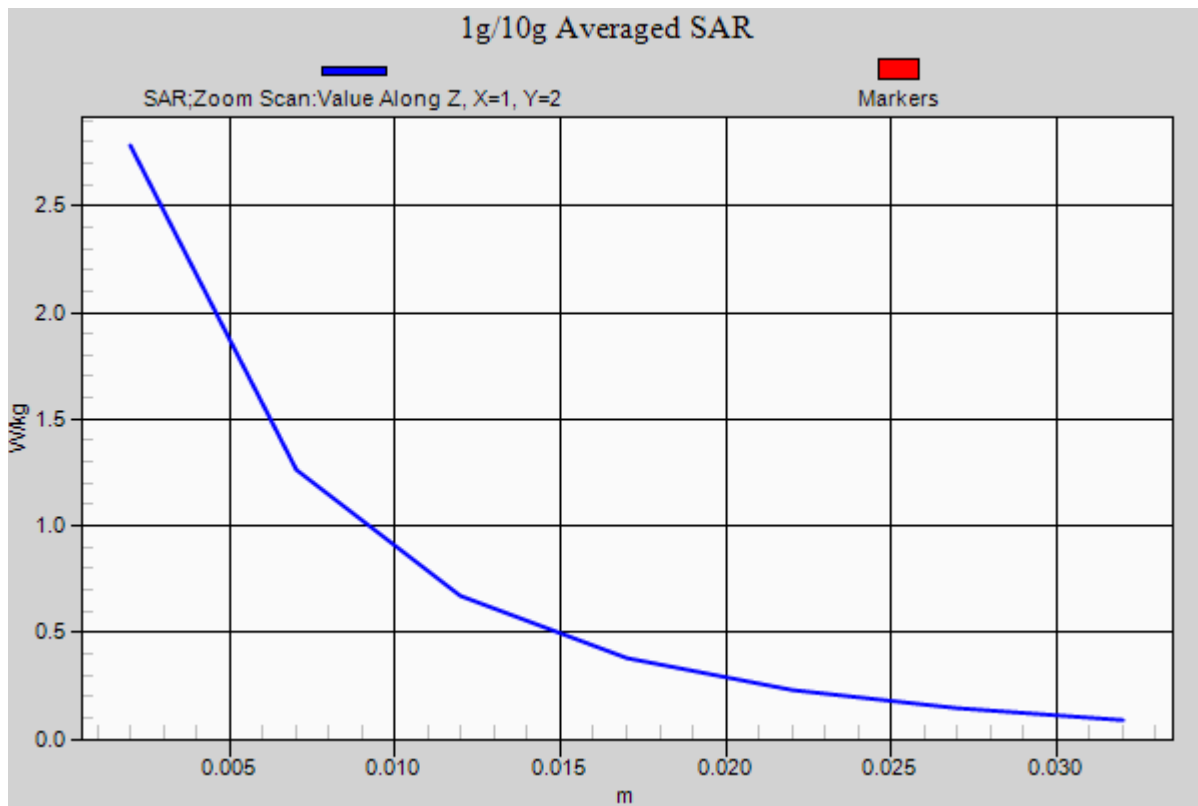
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 1.66 W/kg; SAR(10 g) = 0.760 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**Touch from Body, Rear, LTE Band 5 Ch. 20525, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 49**

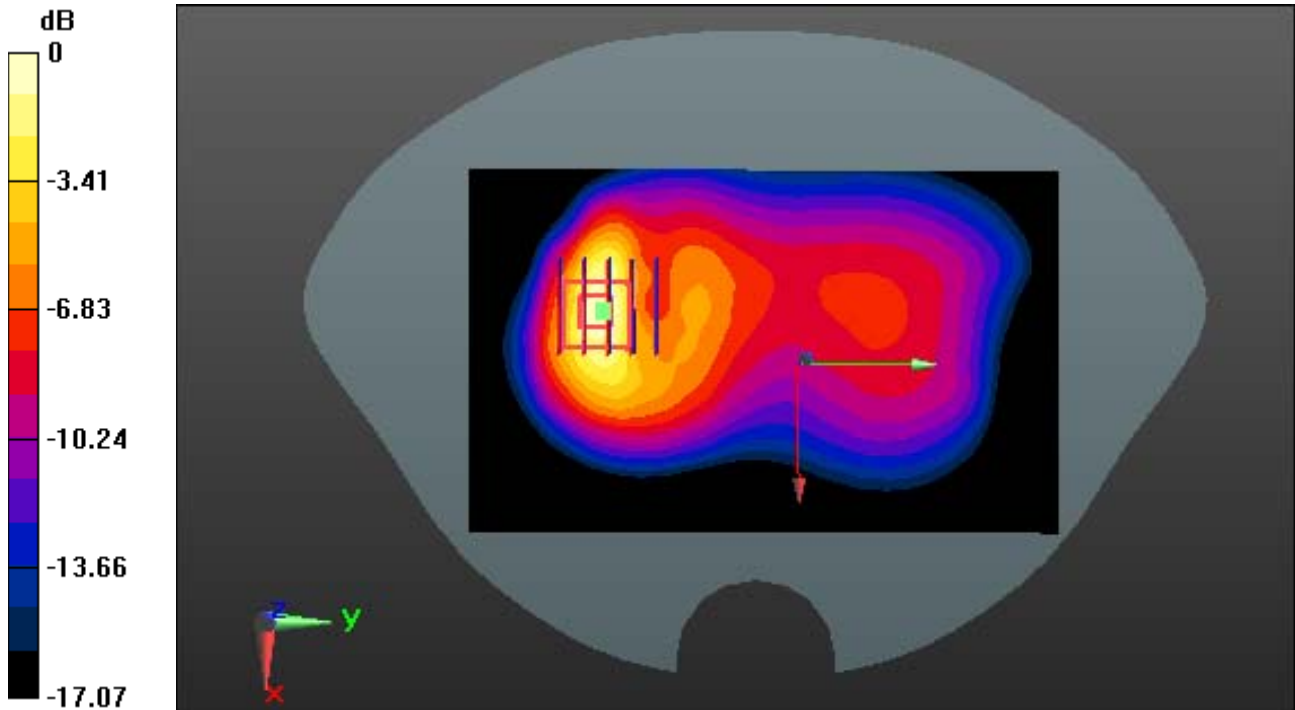
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.538 W/kg**



0 dB = 1.56 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**Touch from Body, Rear, LTE Band 5 Ch. 20525, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 49**

**With Enlarge plot image**

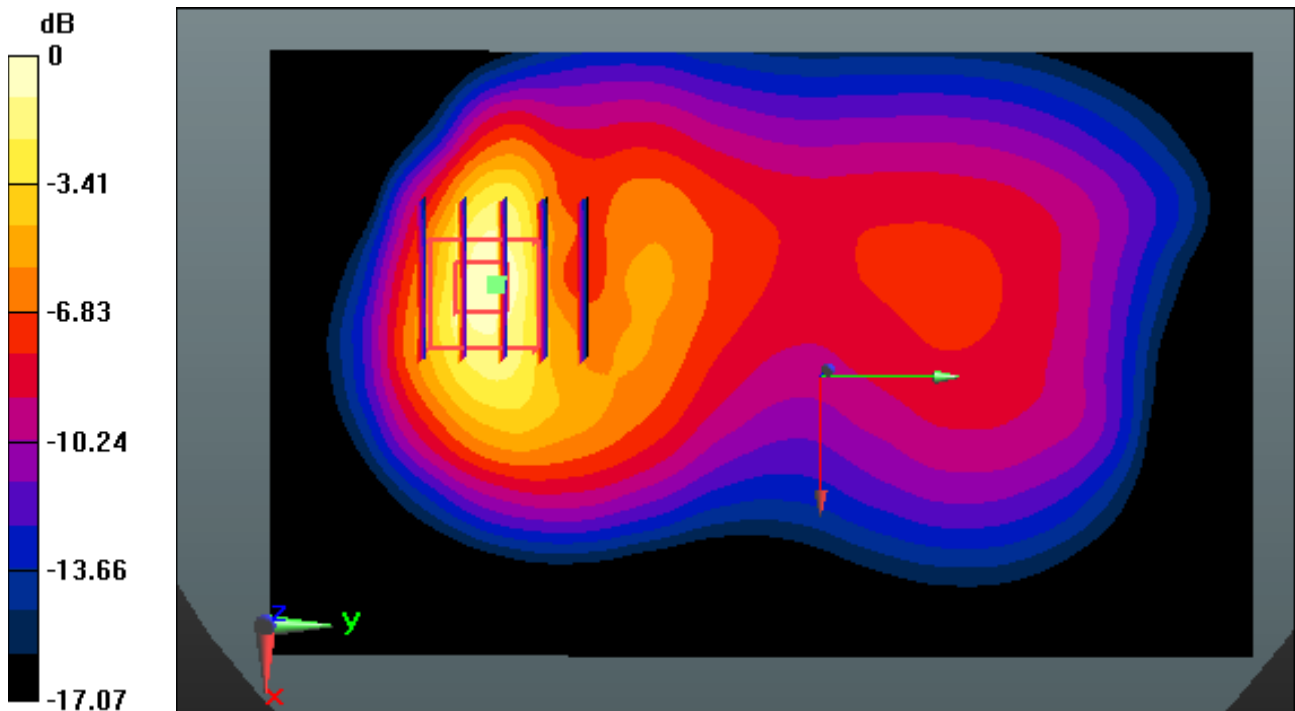
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.538 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 5 (KC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(9.49, 9.49, 9.49); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-23; Ambient Temp: 21.1; Tissue Temp: 21.4

**Touch from Body, Rear, LTE Band 5 Ch. 20525, Ant.Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 49**

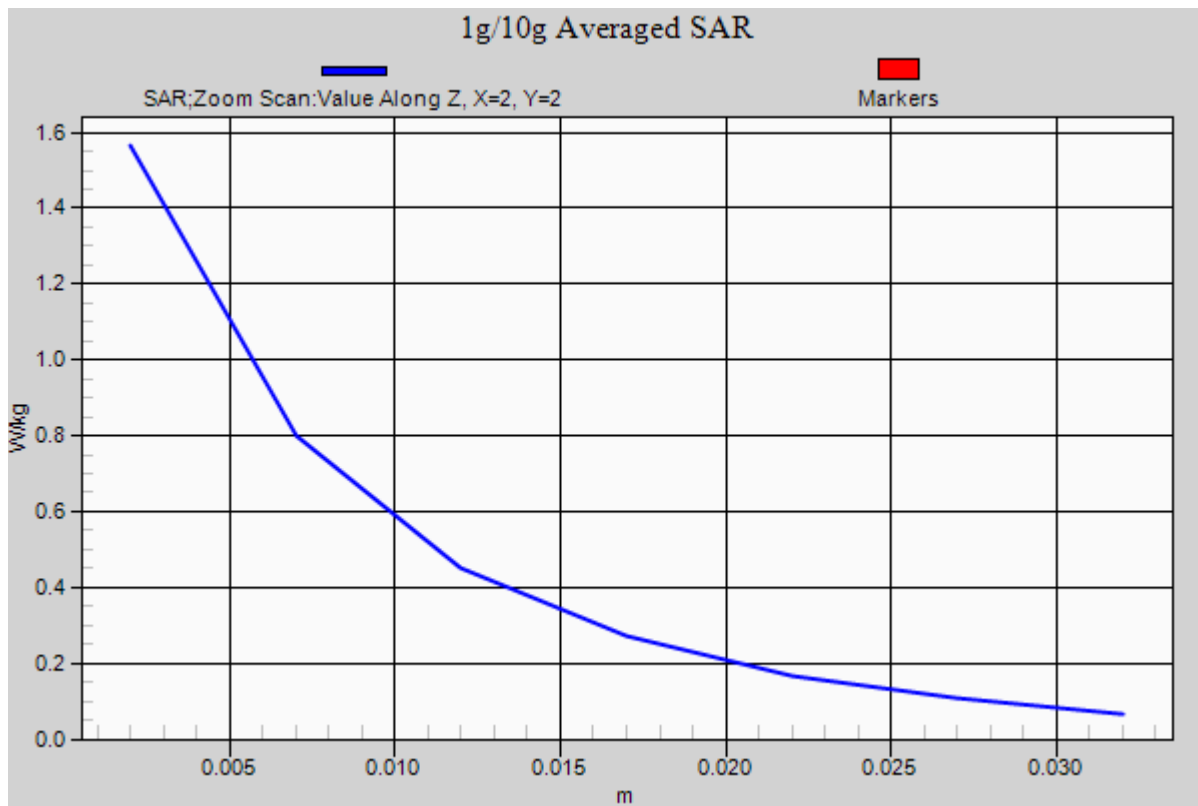
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.35 W/kg

**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.538 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**Touch from Body, Rear, LTE Band 4 Ch. 20175, Ant.Internal**

**Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 0**

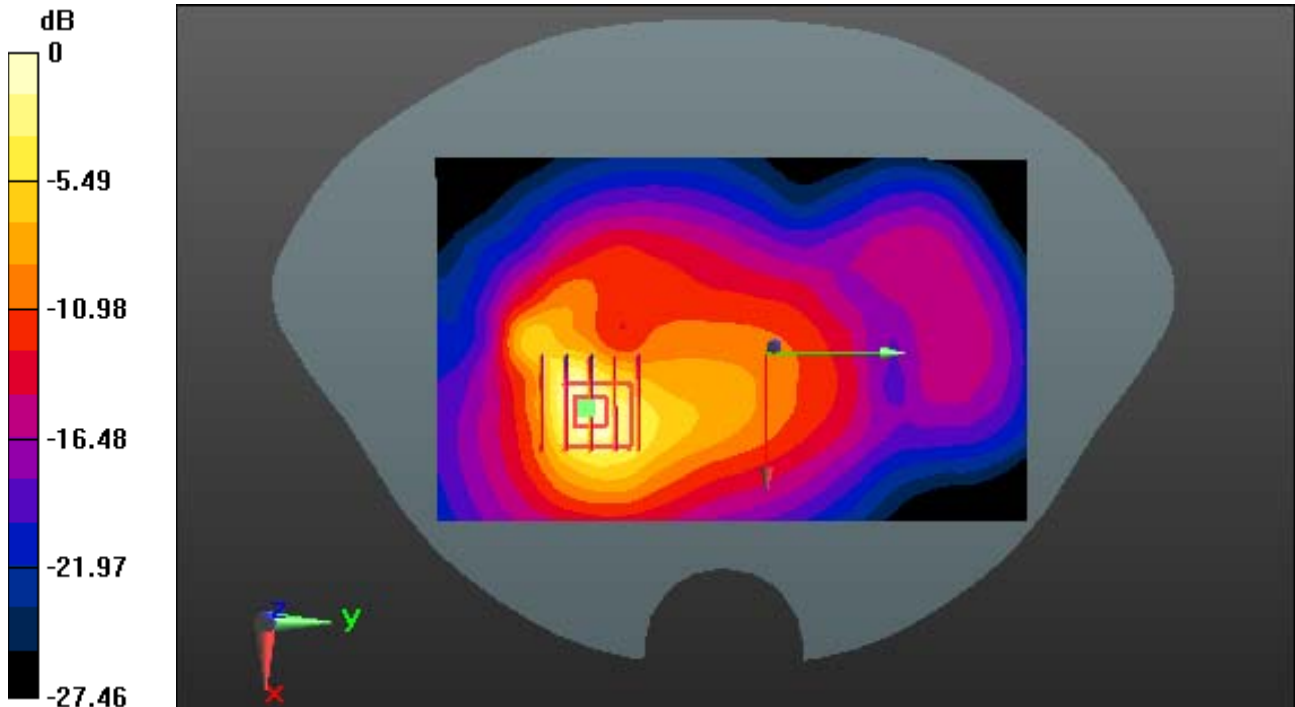
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.63 W/kg

**SAR(1 g) = 1.81 W/kg; SAR(10 g) = 0.888 W/kg**



0 dB = 2.77 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**Touch from Body, Rear, LTE Band 4 Ch. 20175, Ant.Internal**

**Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

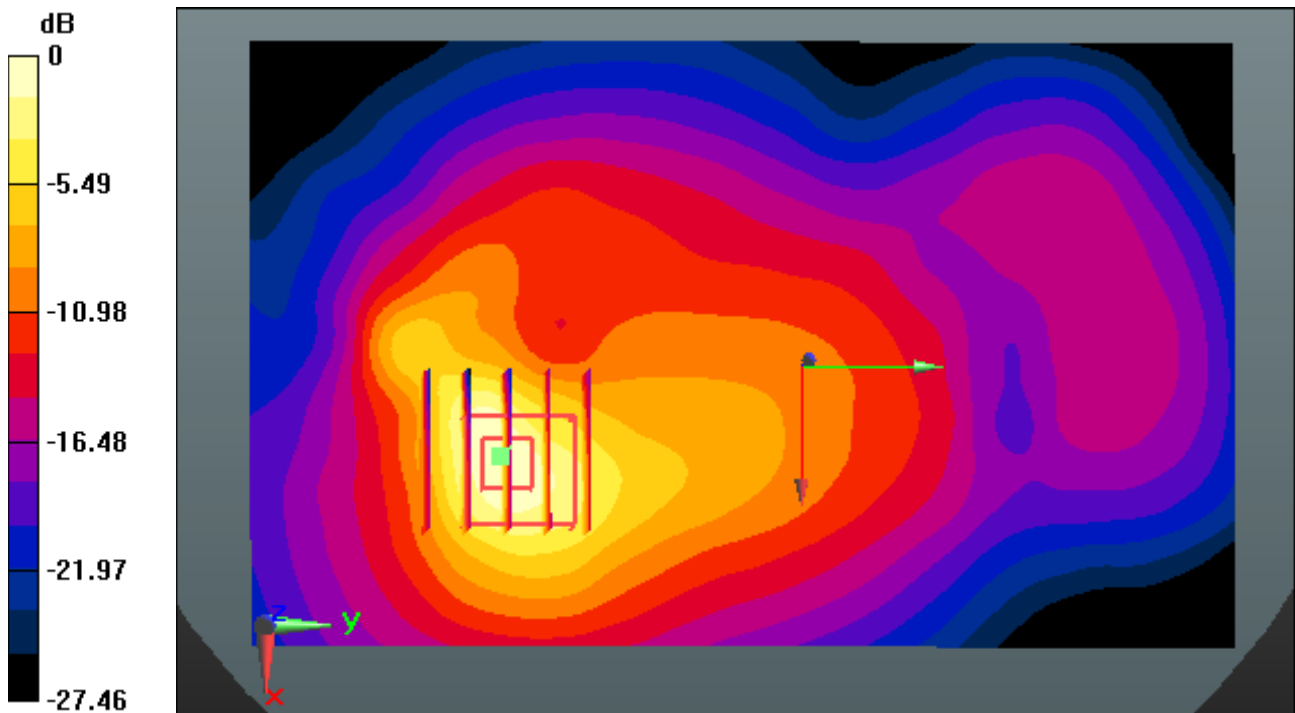
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.63 W/kg

**SAR(1 g) = 1.81 W/kg; SAR(10 g) = 0.888 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 4(FCC) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.472$  S/m;  $\epsilon_r = 53.75$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(8.03, 8.03, 8.03); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-22; Ambient Temp: 21.3; Tissue Temp: 21.6

**Touch from Body, Rear, LTE Band 4 Ch. 20175, Ant.Internal**

**Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 0**

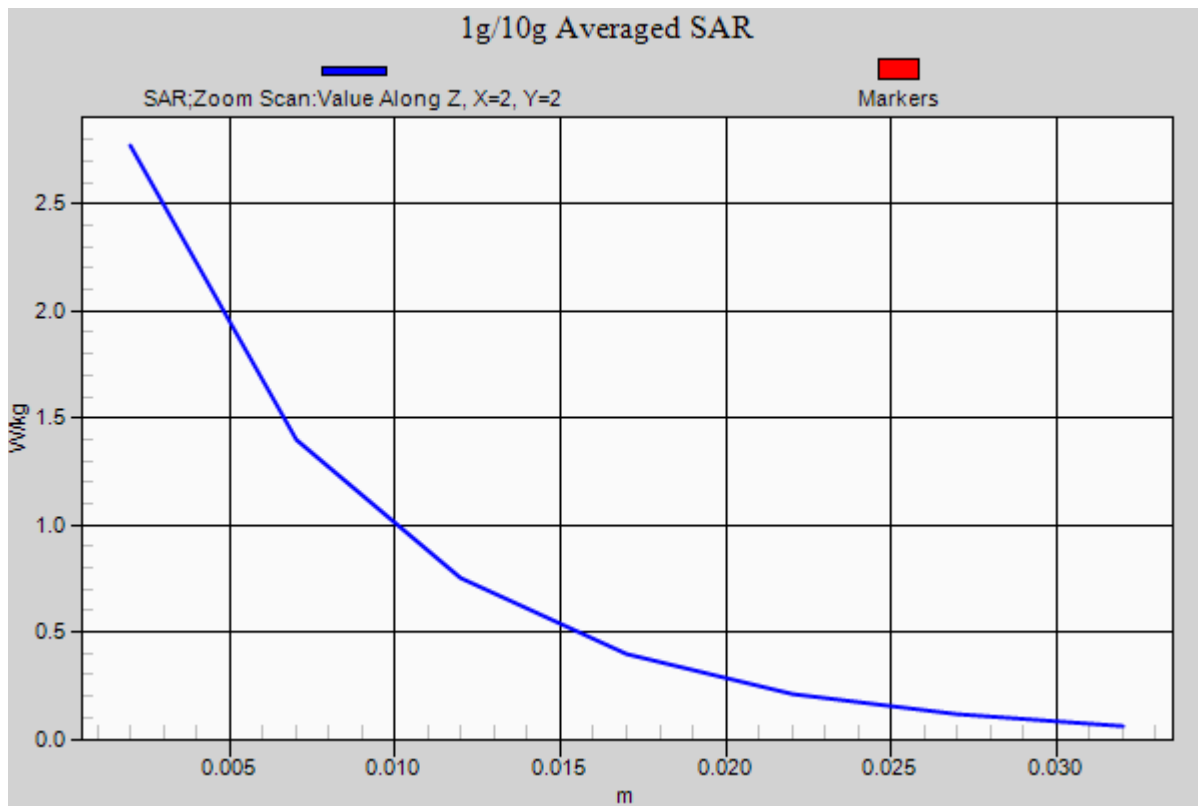
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.63 W/kg

**SAR(1 g) = 1.81 W/kg; SAR(10 g) = 0.888 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.521 \text{ S/m}$ ;  $\epsilon_r = 51.59$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**Touch from Body, Rear, LTE Band 2 Ch. 18900, Ant.Internal**

**Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 0**

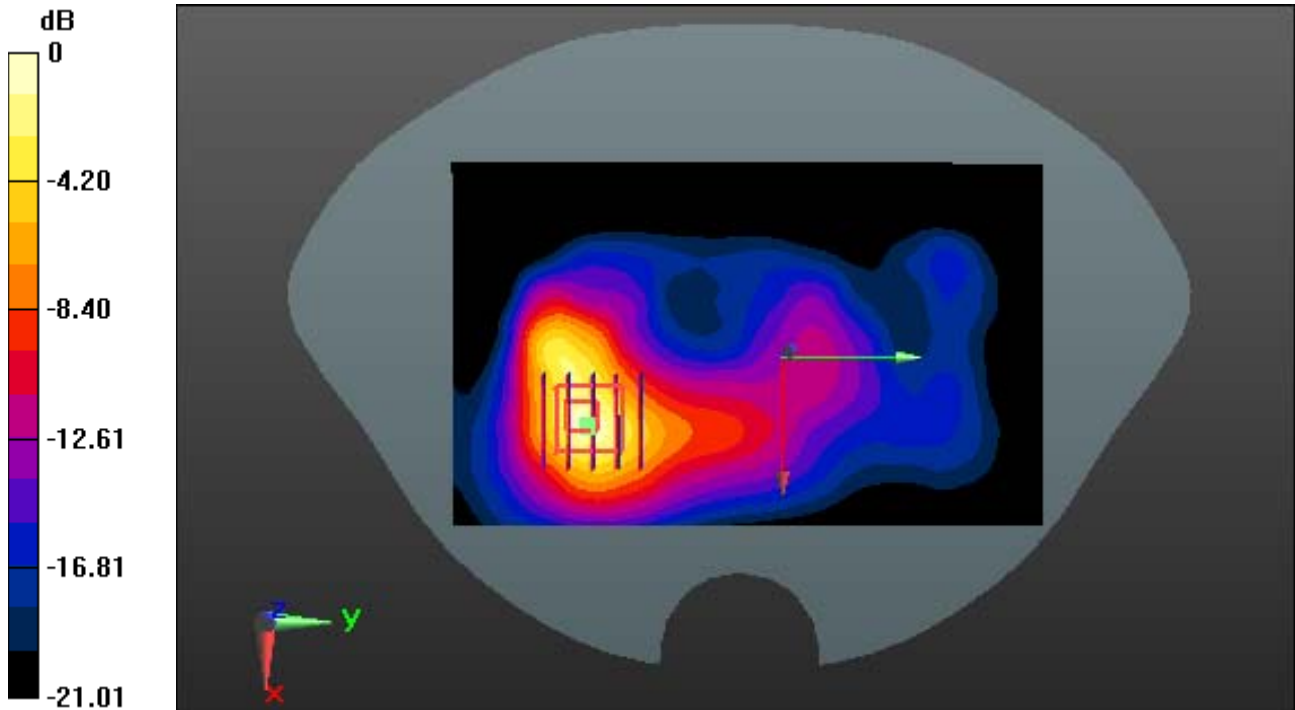
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.89 W/kg

**SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.845 W/kg**



0 dB = 2.69 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

**Touch from Body, Rear, LTE Band 2 Ch. 18900, Ant.Internal**

**Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

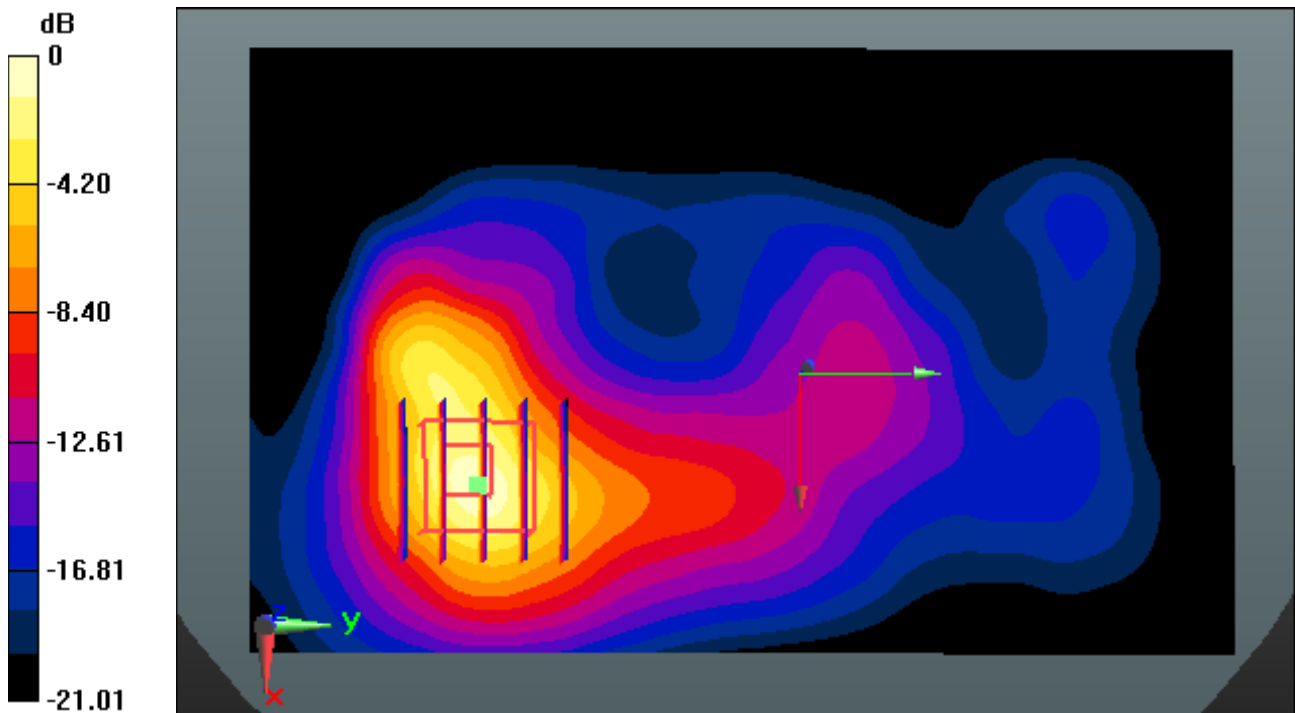
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.89 W/kg

**SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.845 W/kg**



0 dB = 2.69 W/kg

## DT&C Co., Ltd.

### **DUT: PM80; Type: PDA**

Communication System: LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 51.59$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/22/2015; Electronics: DAE4 Sn1335  
Phantom: SAM with CRP\_20120521; Type: SAM; Serial: 1679  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-21; Ambient Temp: 21.4; Tissue Temp: 21.8

### **Touch from Body, Rear, LTE Band 2 Ch. 18900, Ant.Internal**

**Mode : Bandwidth 20 MHz, QPSK, RB Size : 1, Offset: 0**

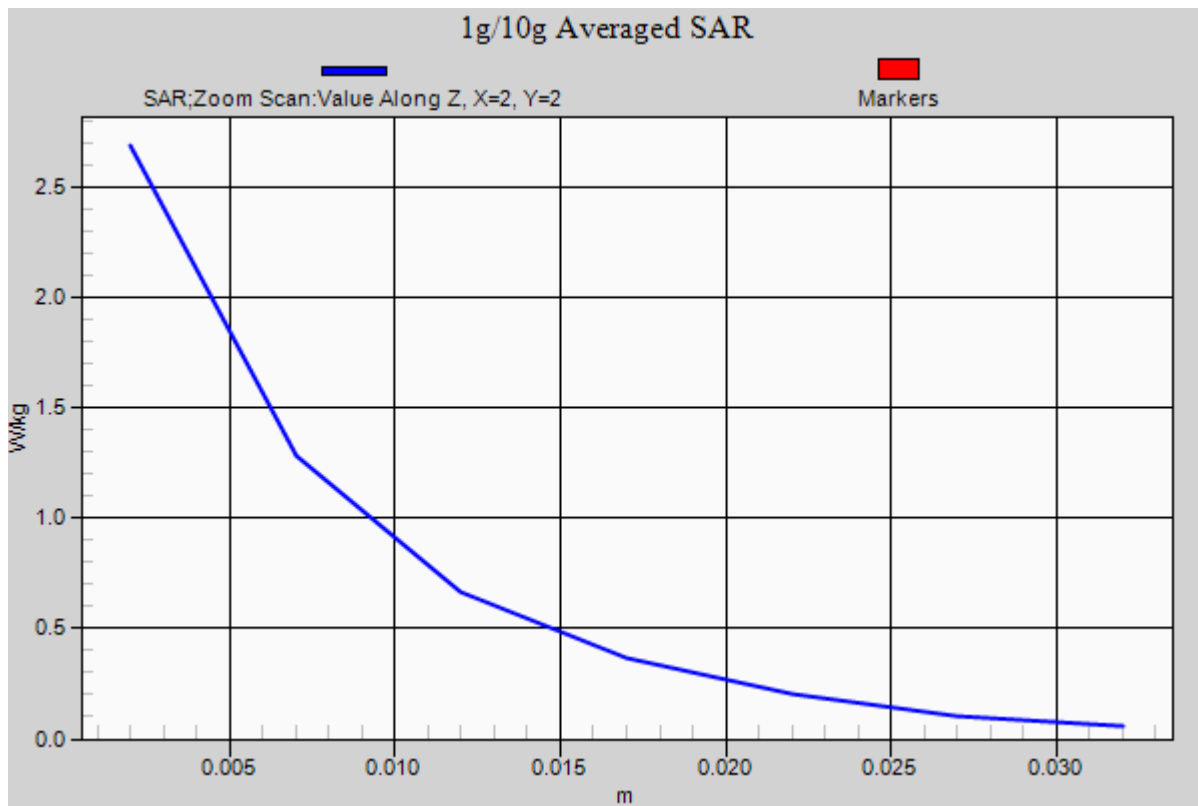
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.89 W/kg

**SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.845 W/kg**





## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 51.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335  
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

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

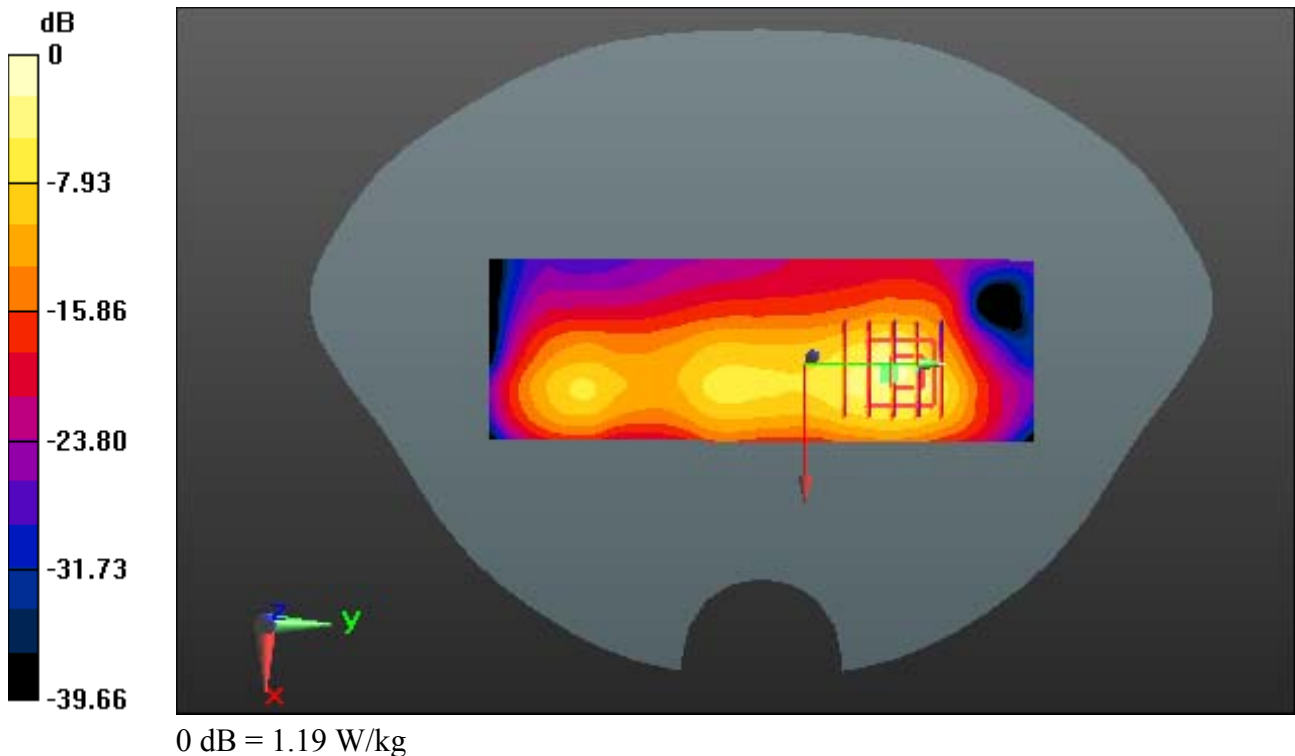
**Area Scan (41x121x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.233 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 51.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335  
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

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

**With Enlarge plot image**

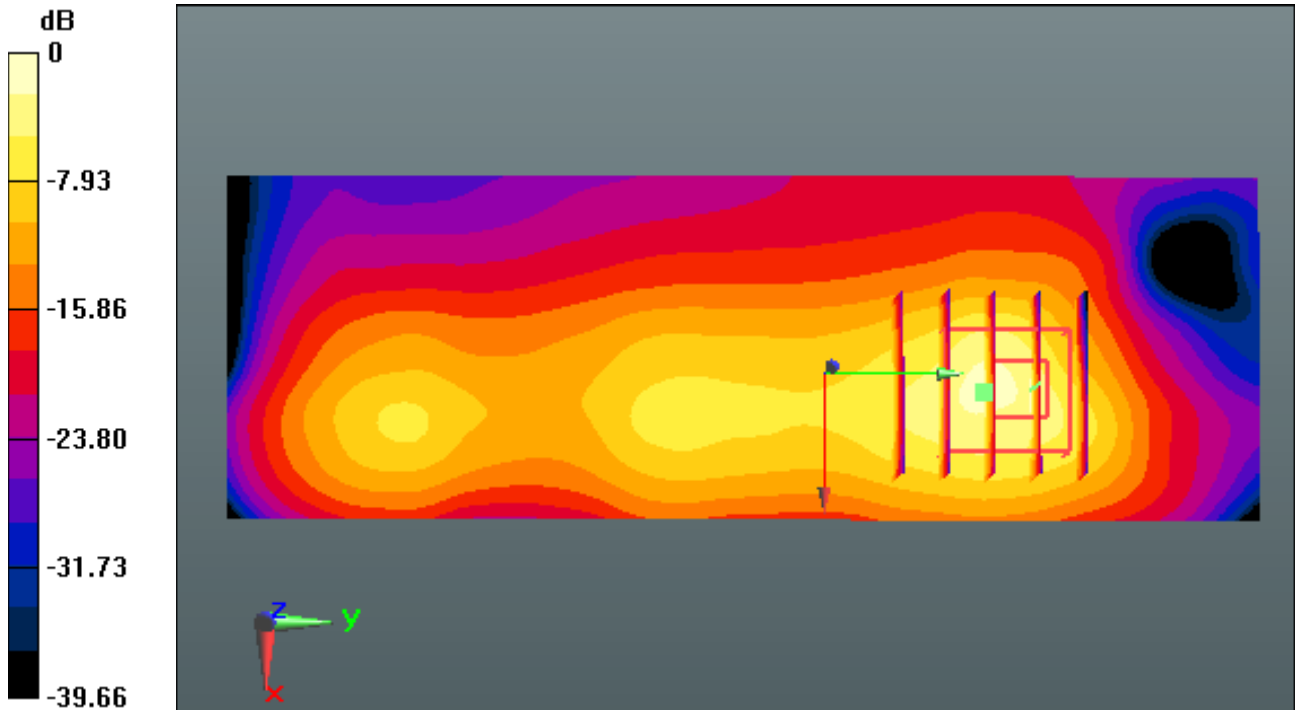
**Area Scan (41x121x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.233 W/kg**



0 dB = 1.19 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.912$  S/m;  $\epsilon_r = 51.581$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1335

Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-10-28; Ambient Temp: 21.5; Tissue Temp: 21.8

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

**Area Scan (41x121x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.233 W/kg**

