

## SAR Plots

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

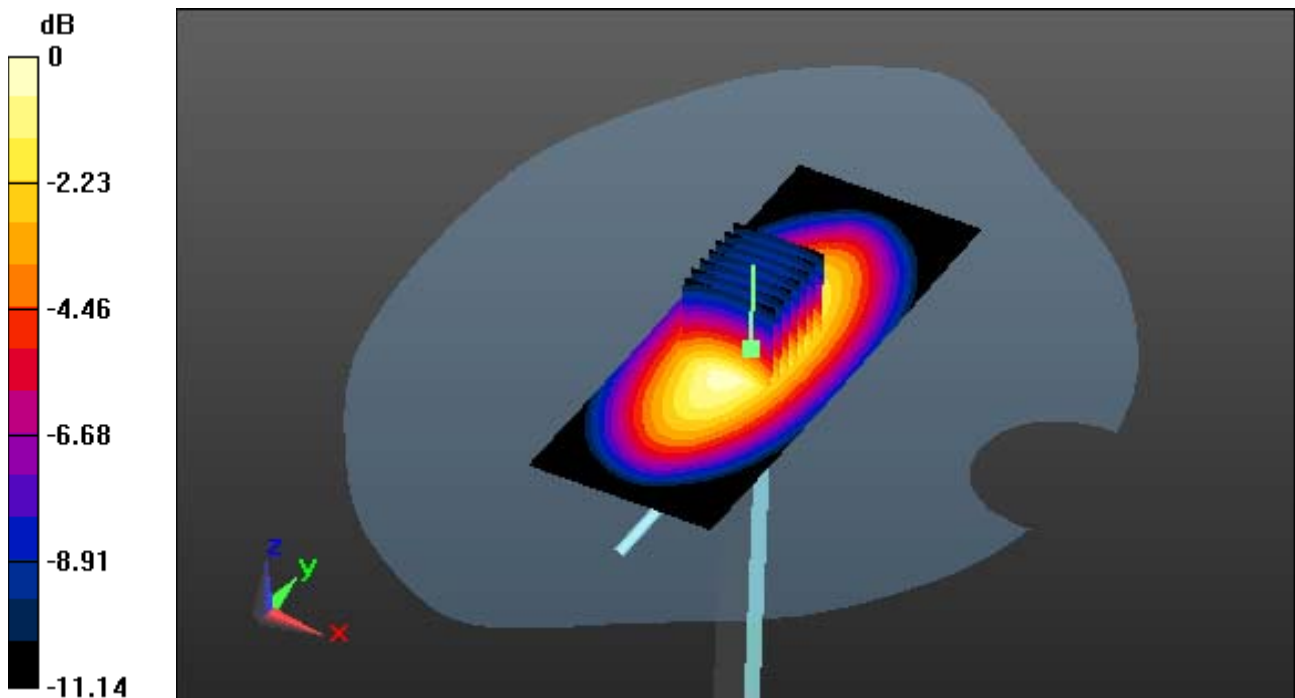
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-28; Ambient Temp: 21.9 Tissue Temp: 22.2

### **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 3.83 W/kg  
**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.52 W/kg**



0 dB = 2.67 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

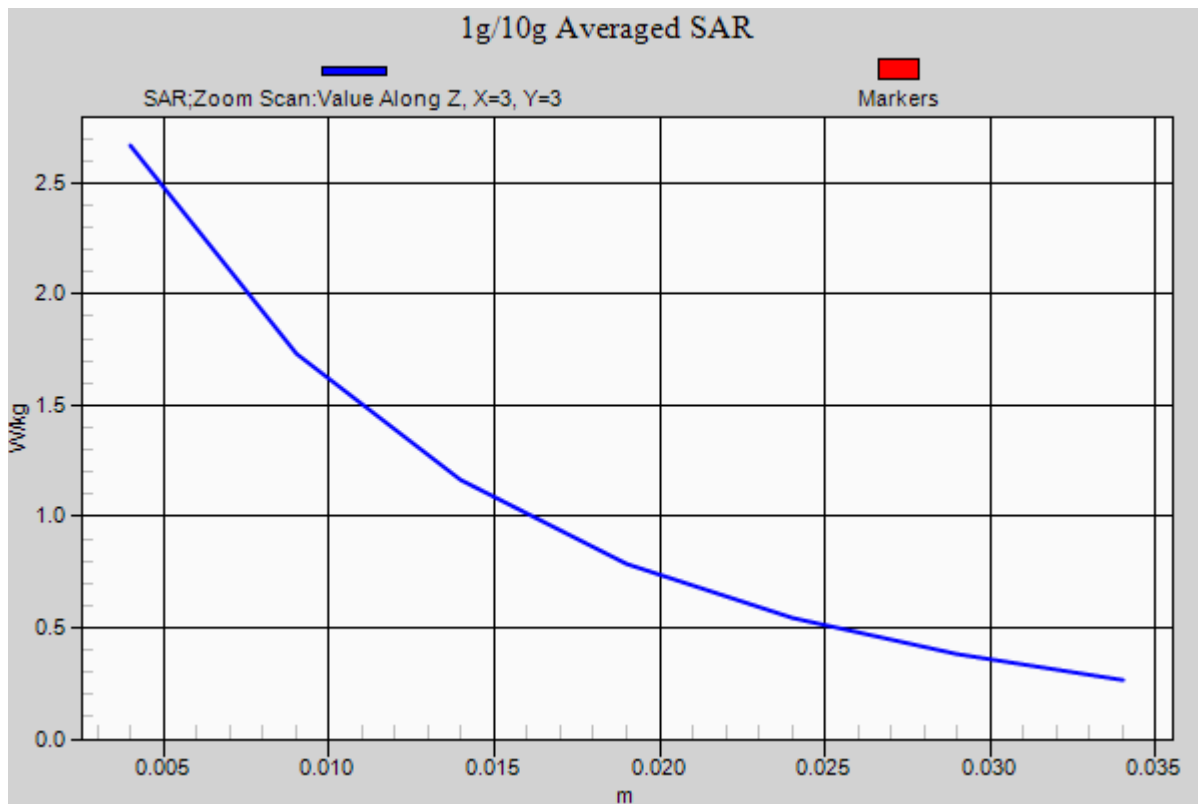
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-28; Ambient Temp: 21.9 Tissue Temp:22.2

## **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 3.83 W/kg  
**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.52 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.696$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

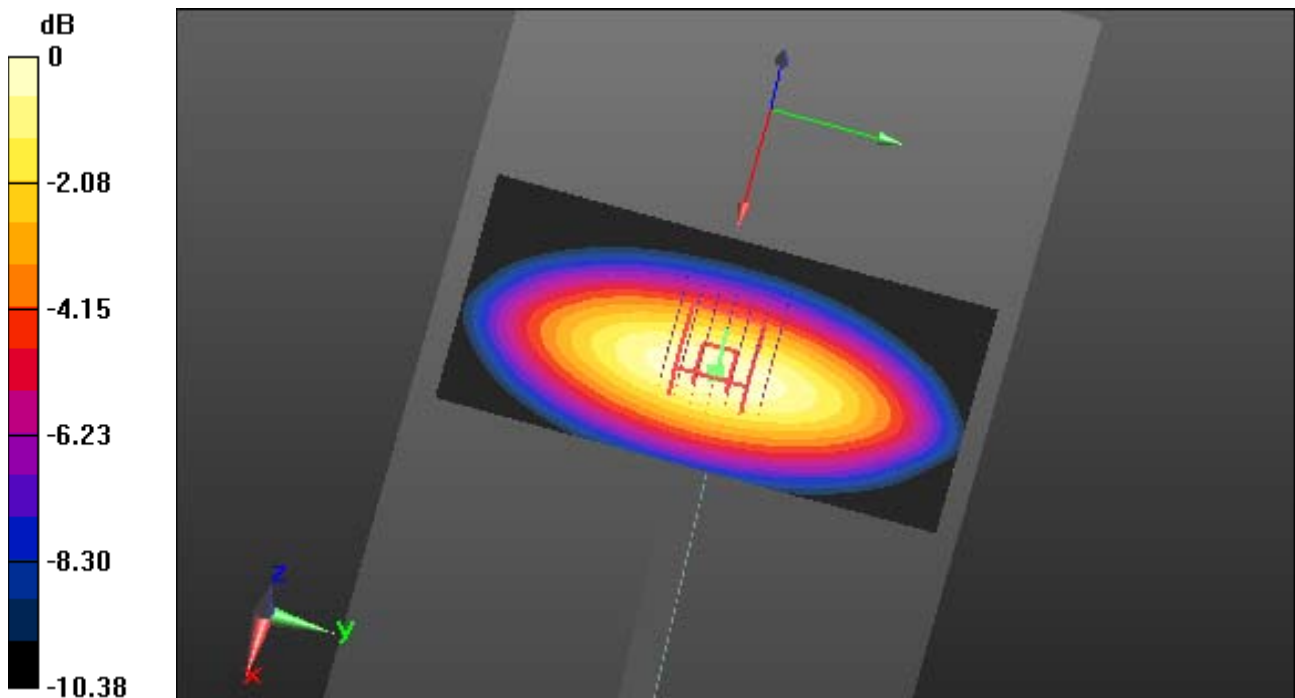
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9 Tissue Temp: 22.2

### **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.61 W/kg  
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.57 W/kg



0 dB = 2.47 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.696$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

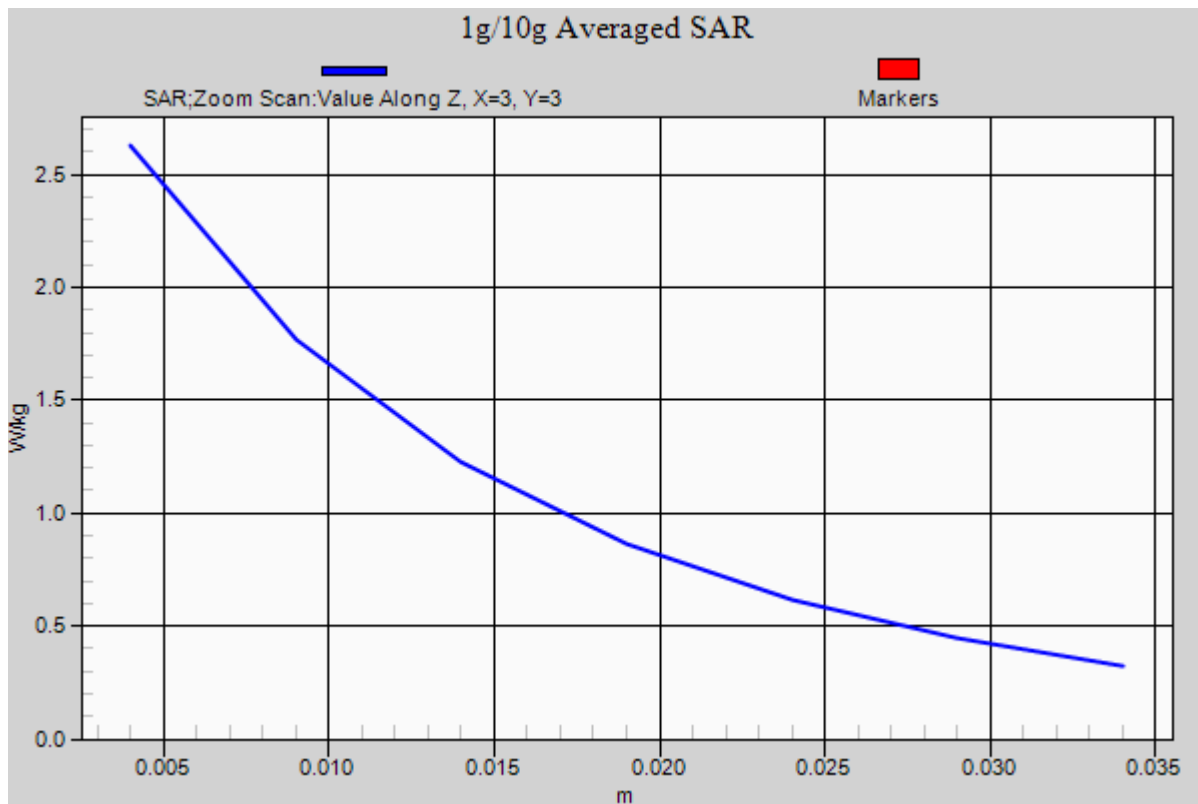
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9 Tissue Temp: 22.2

## **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.61 W/kg  
**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.57 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 40.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-02; Ambient Temp: 22.0 Tissue Temp: 22.4

### **1900 MHz System Verification**

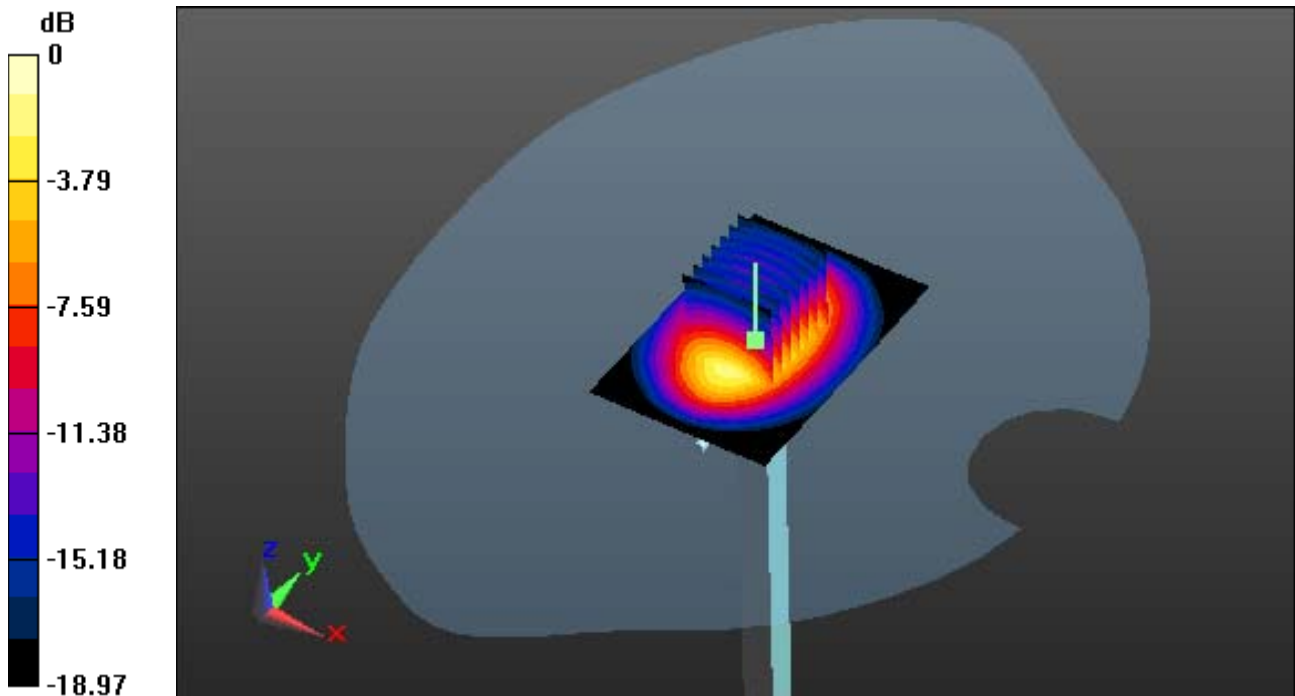
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.5 W/kg

**SAR(1 g) = 10 W/kg; SAR(10 g) = 5.05 W/kg**



0 dB = 13.8 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 40.061$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

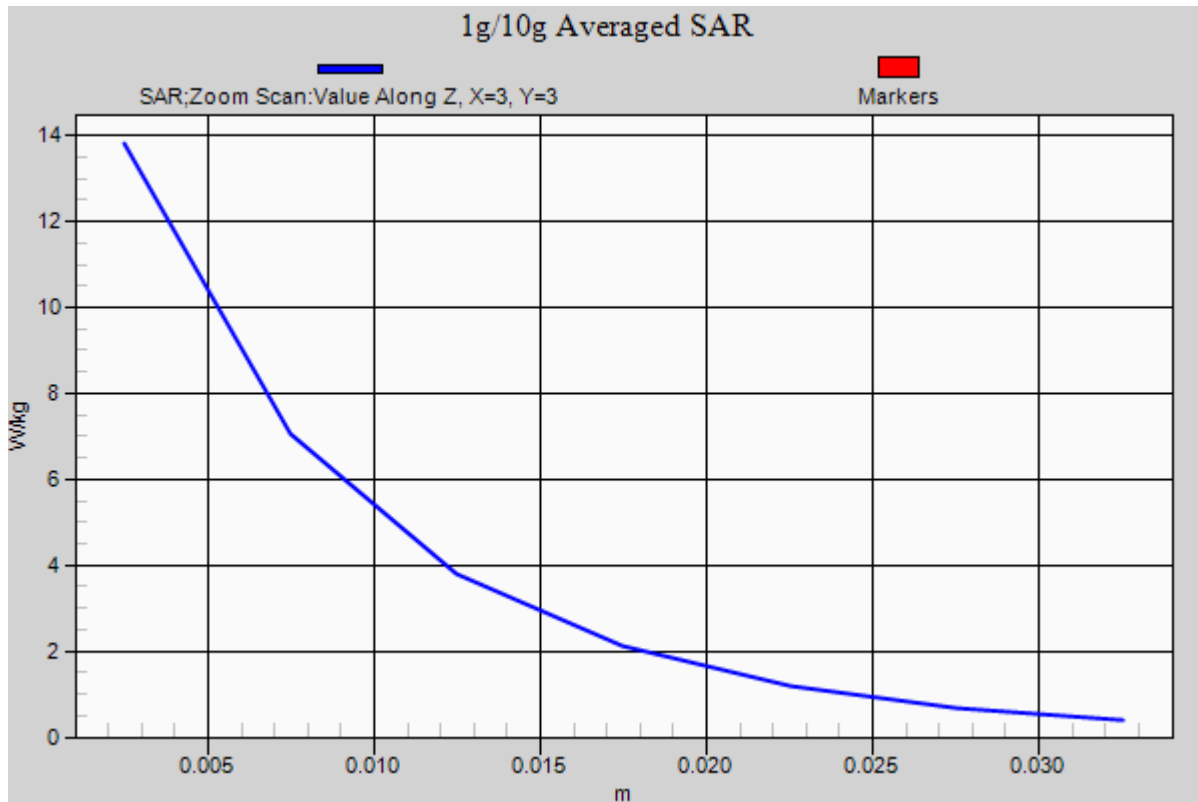
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-02; Ambient Temp: 22.0 Tissue Temp:22.4

## **1900 MHz System Verification**

**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 19.5 W/kg  
**SAR(1 g) = 10 W/kg; SAR(10 g) = 5.05 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 52.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0 Tissue Temp: 22.4

### **1900 MHz System Verification**

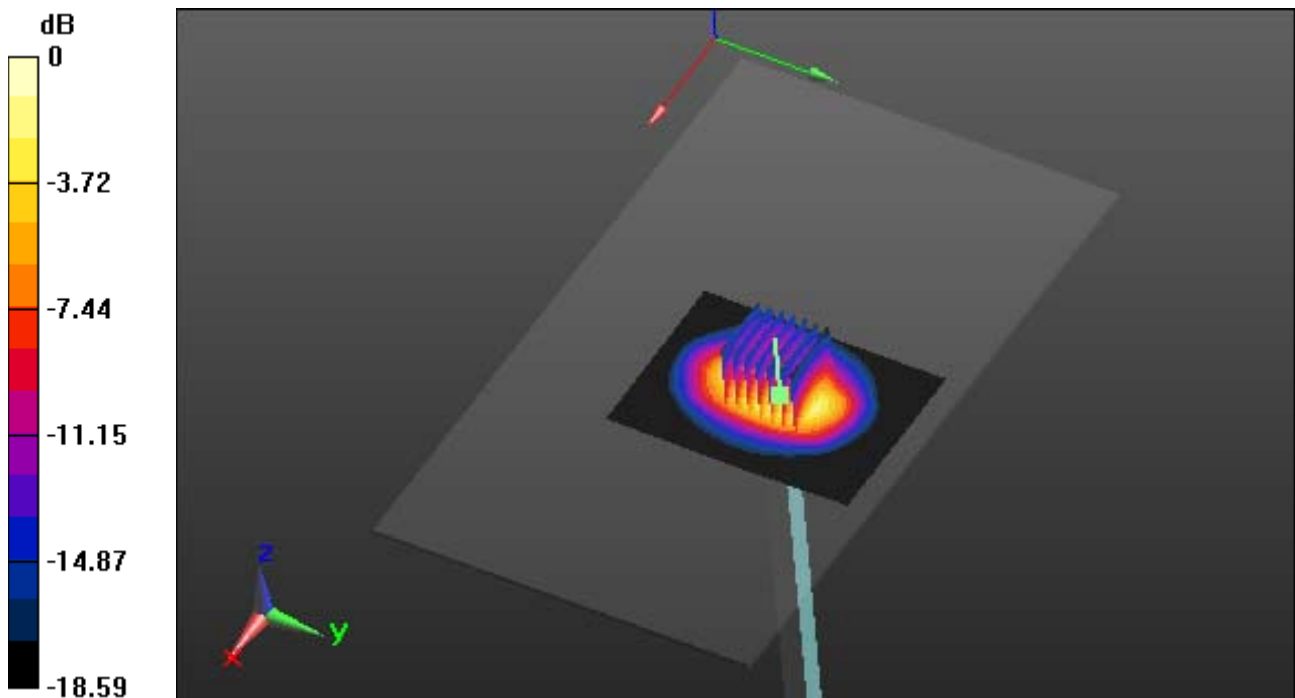
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.7 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.3 W/kg**



0 dB = 14.1 W/kg



# DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 52.967$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0 Tissue Temp: 22.4

## **1900 MHz System Verification**

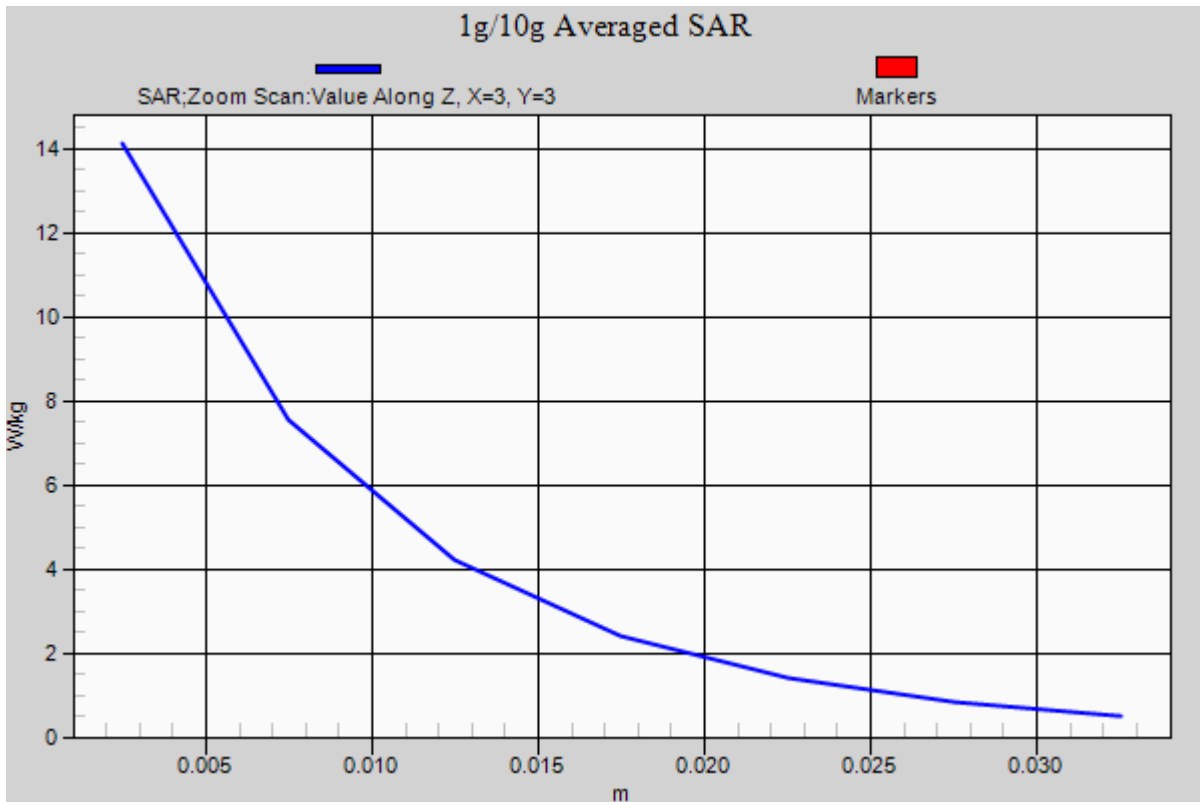
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.7 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.3 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 42.229$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

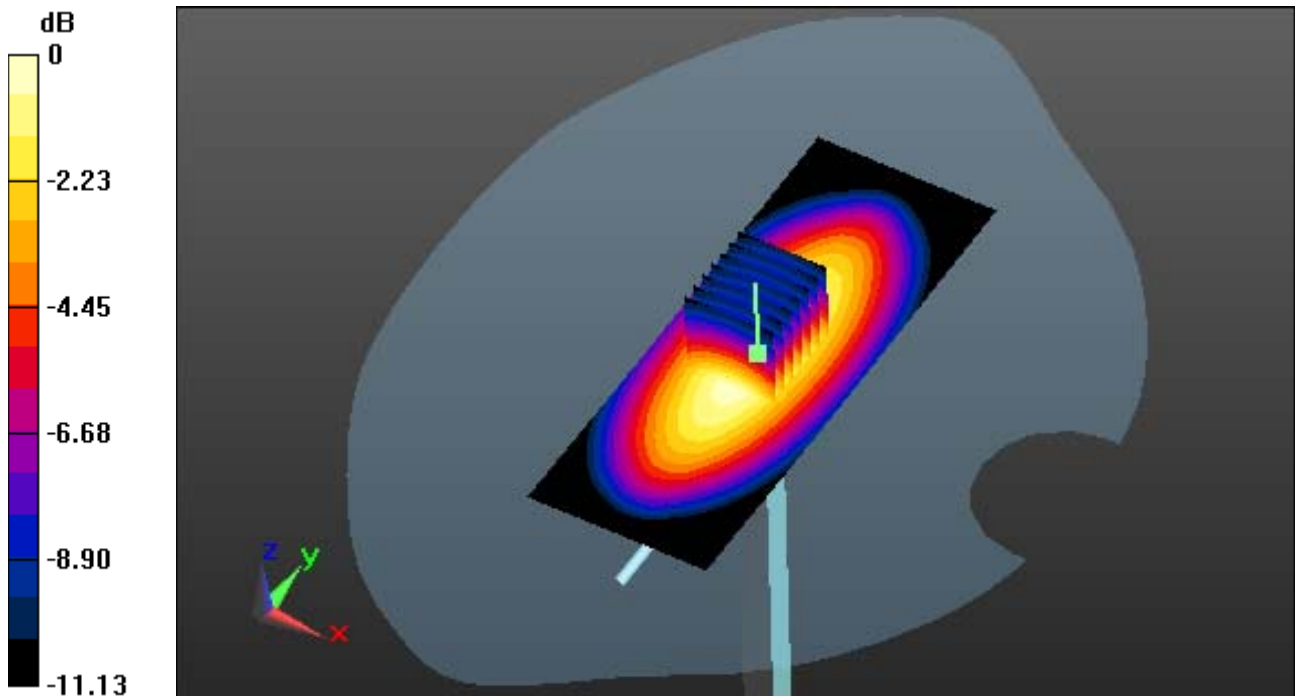
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-27; Ambient Temp: 22.2 Tissue Temp: 22.5

### **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.84 W/kg  
**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.56 W/kg**



0 dB = 2.67 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.918$  S/m;  $\epsilon_r = 42.229$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

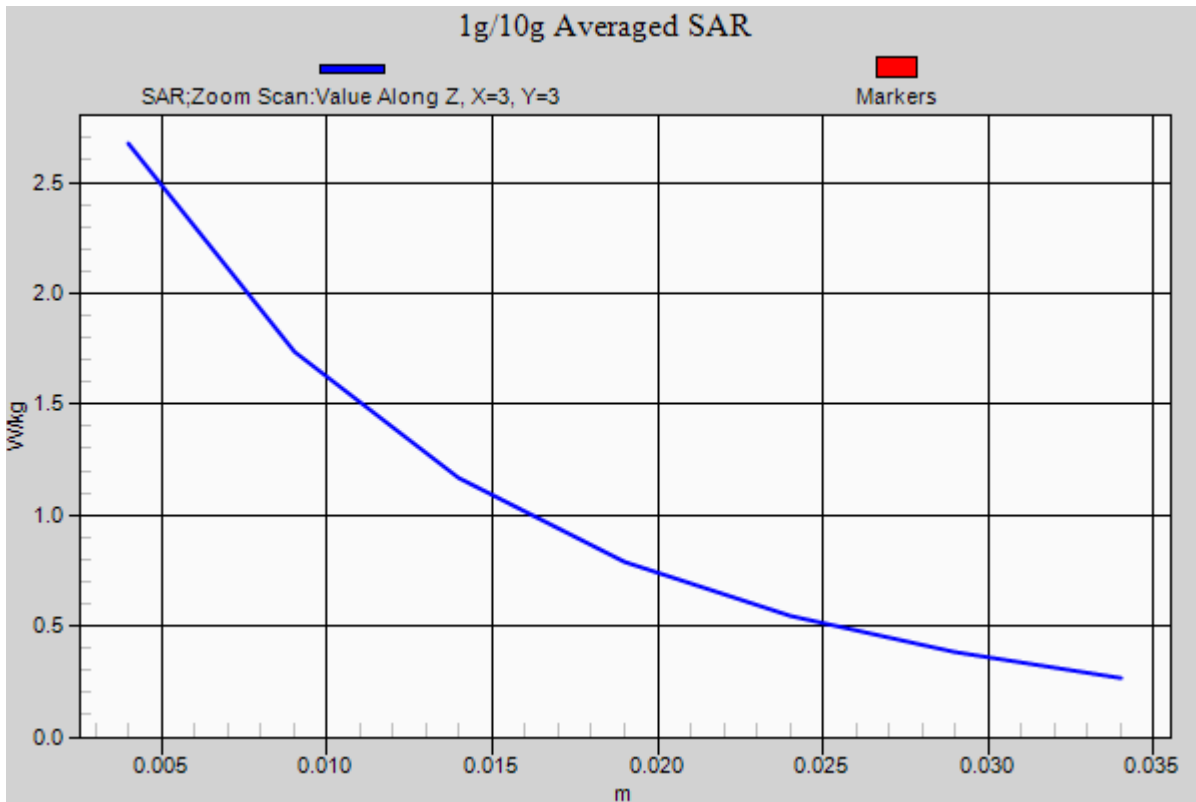
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-27; Ambient Temp: 22.2 Tissue Temp:22.5

## **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.84 W/kg  
**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.56 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.991$  S/m;  $\epsilon_r = 53.669$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

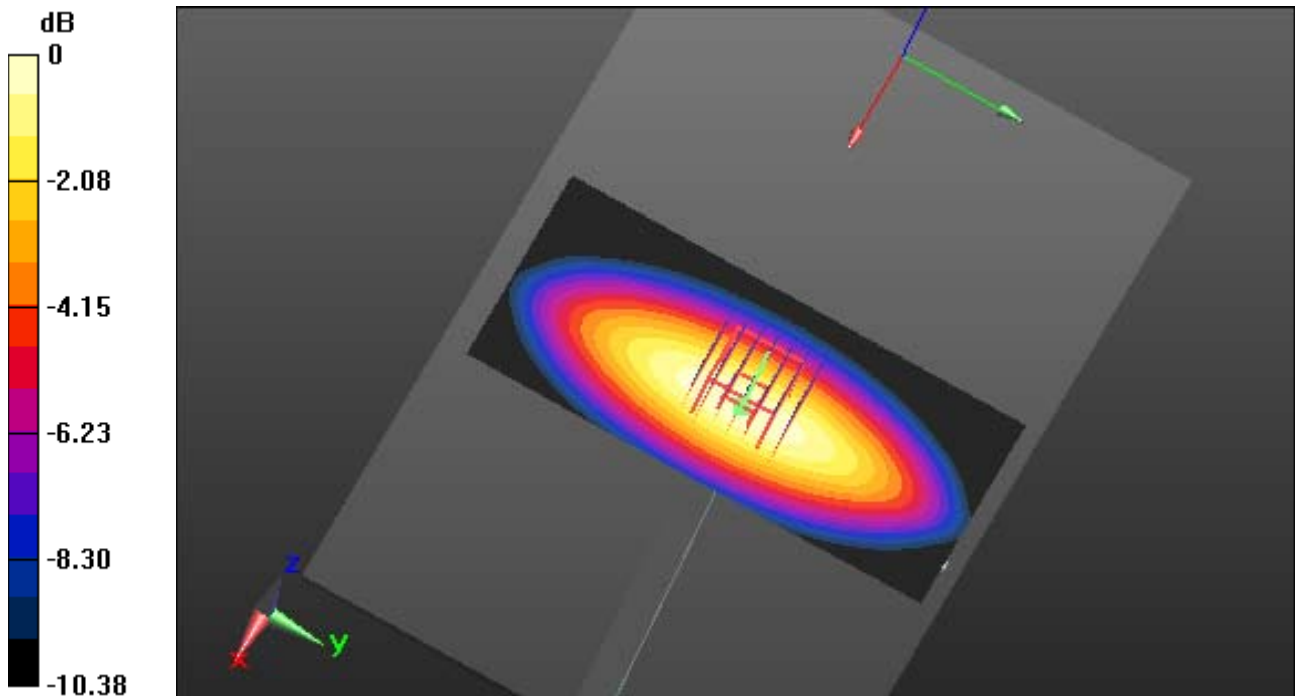
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2 Tissue Temp: 22.5

### **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.66 W/kg  
**SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg**



0 dB = 2.61 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.991 \text{ S/m}$ ;  $\epsilon_r = 53.669$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Center Section

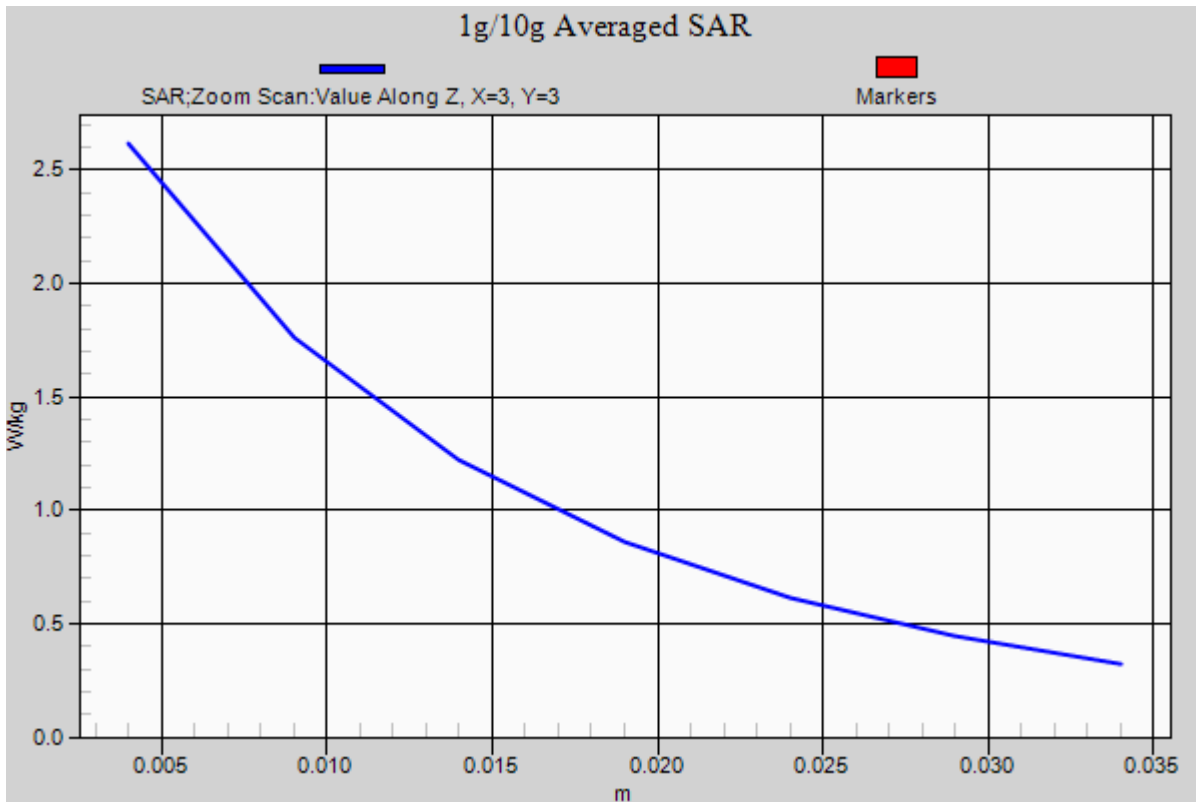
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2 Tissue Temp: 22.5

## **835 MHz System Verification**

**Area Scan (51x101x1):** 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 = 0.02 dB  
Peak SAR (extrapolated) = 3.66 W/kg  
**SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.419$  S/m;  $\epsilon_r = 39.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-01; Ambient Temp: 21.8 Tissue Temp: 22.3

### **1900 MHz System Verification**

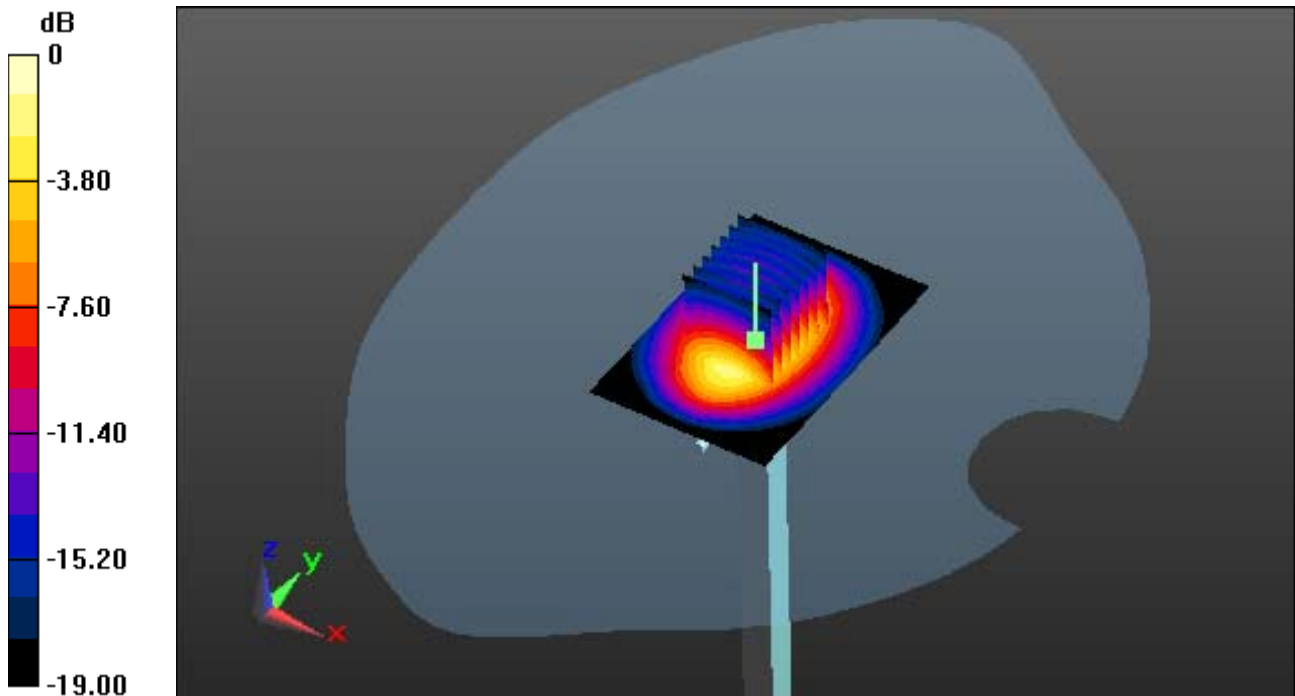
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 20.4 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.27 W/kg**



0 dB = 14.4 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.419$  S/m;  $\epsilon_r = 39.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-01; Ambient Temp: 21.8 Tissue Temp:22.3

### **1900 MHz System Verification**

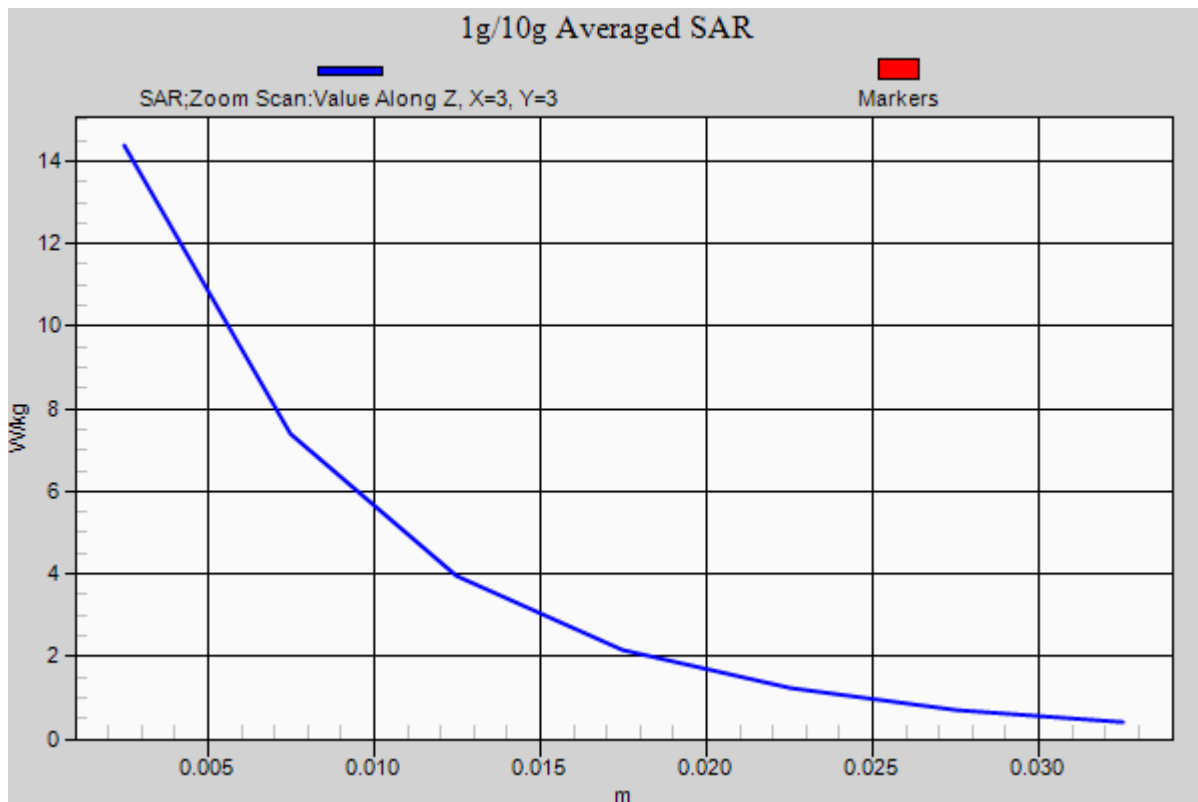
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 20.4 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.27 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8 Tissue Temp: 22.3

### **1900 MHz System Verification**

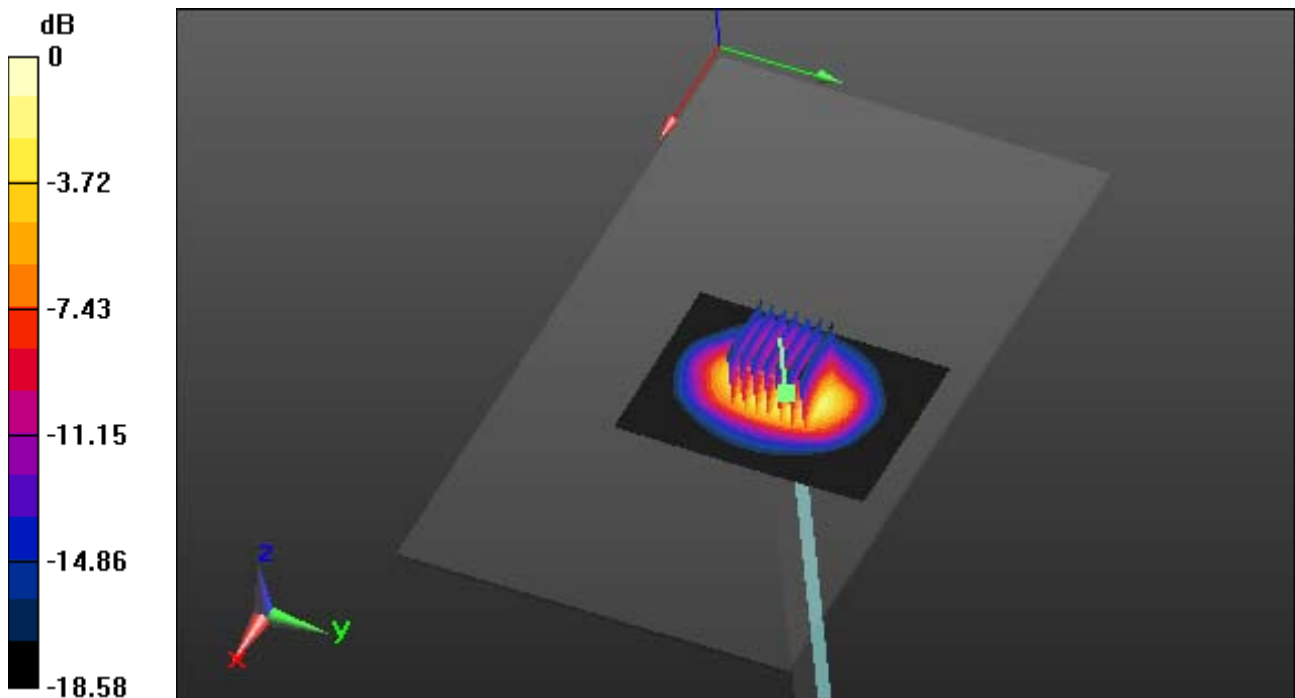
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 19.9 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.34 W/kg**



0 dB = 14.2 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 52.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

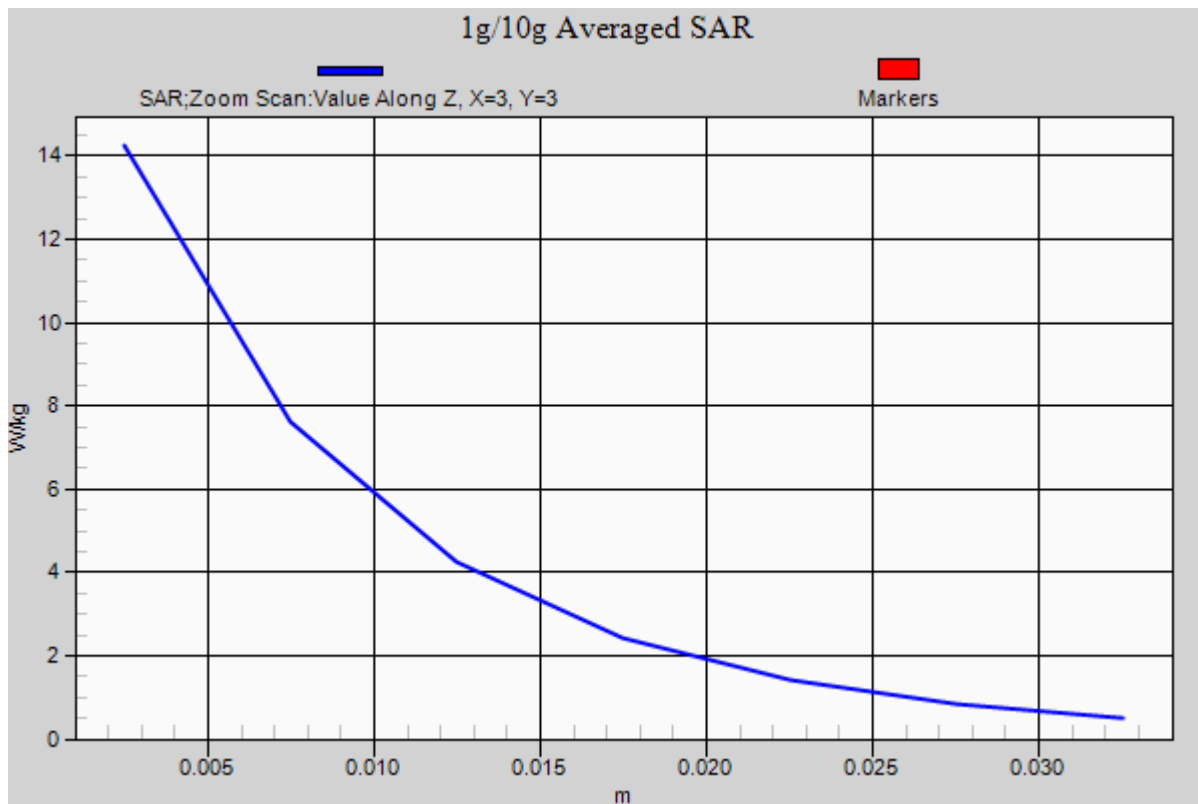
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-01; Ambient Temp: 21.8 Tissue Temp: 22.3

### **1900 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.13 dB  
Peak SAR (extrapolated) = 19.9 W/kg  
**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.34 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

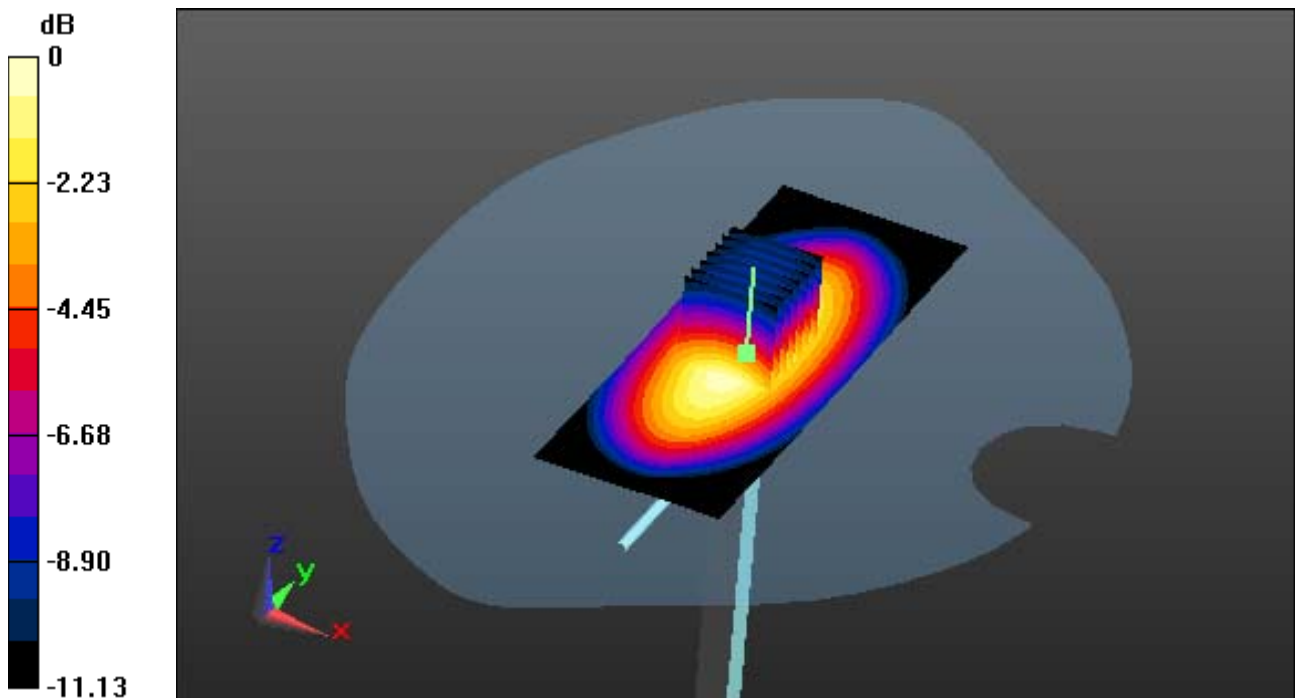
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-31; Ambient Temp: 22.4 Tissue Temp:22.7

### **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 3.87 W/kg  
**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.57 W/kg**



0 dB = 2.69 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 42.623$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

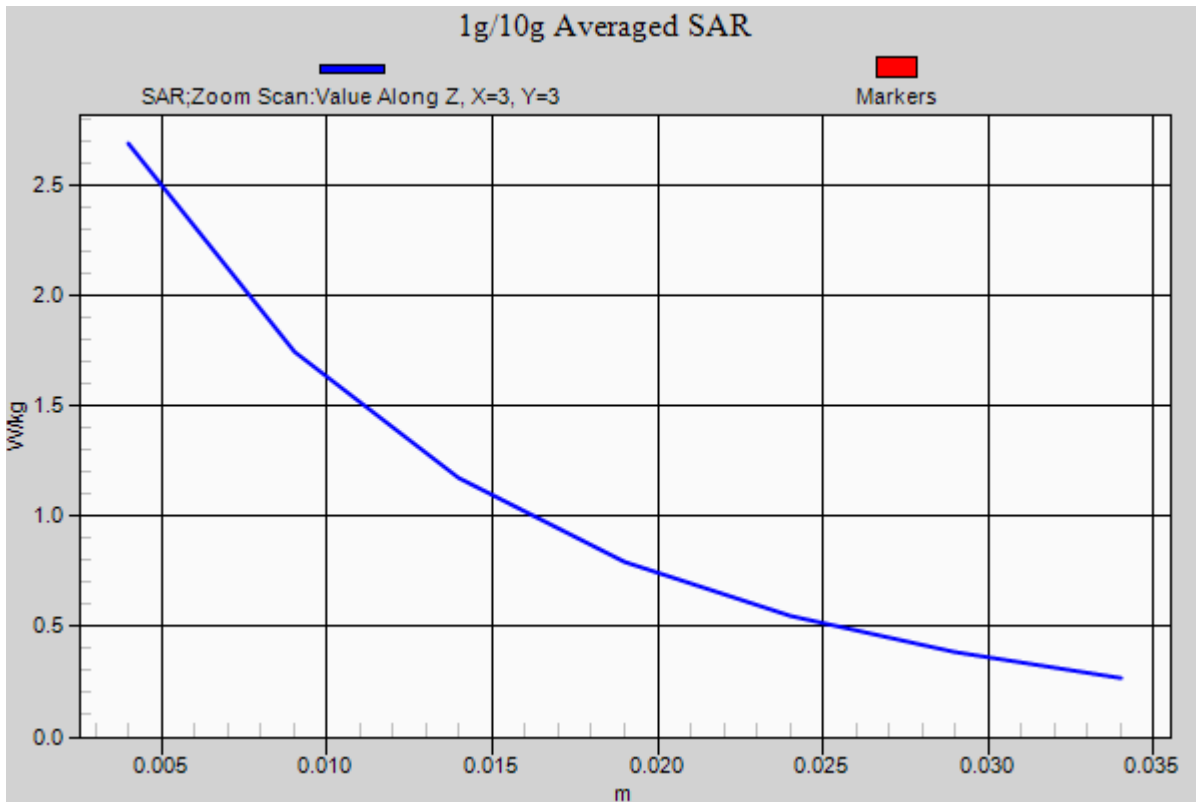
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-31; Ambient Temp: 22.4 Tissue Temp:22.7

## **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 3.87 W/kg  
**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.57 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

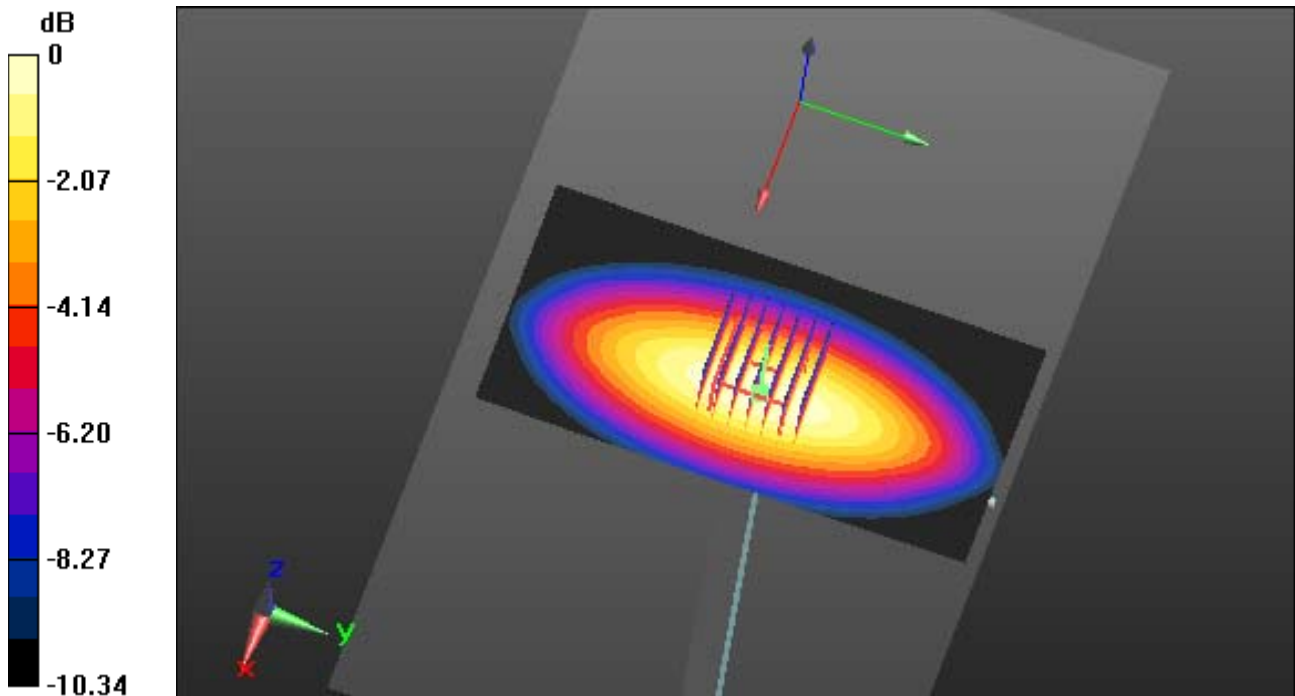
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4 Tissue Temp: 22.7

### **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 3.69 W/kg  
**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.64 W/kg**



0 dB = 2.62 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.738$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

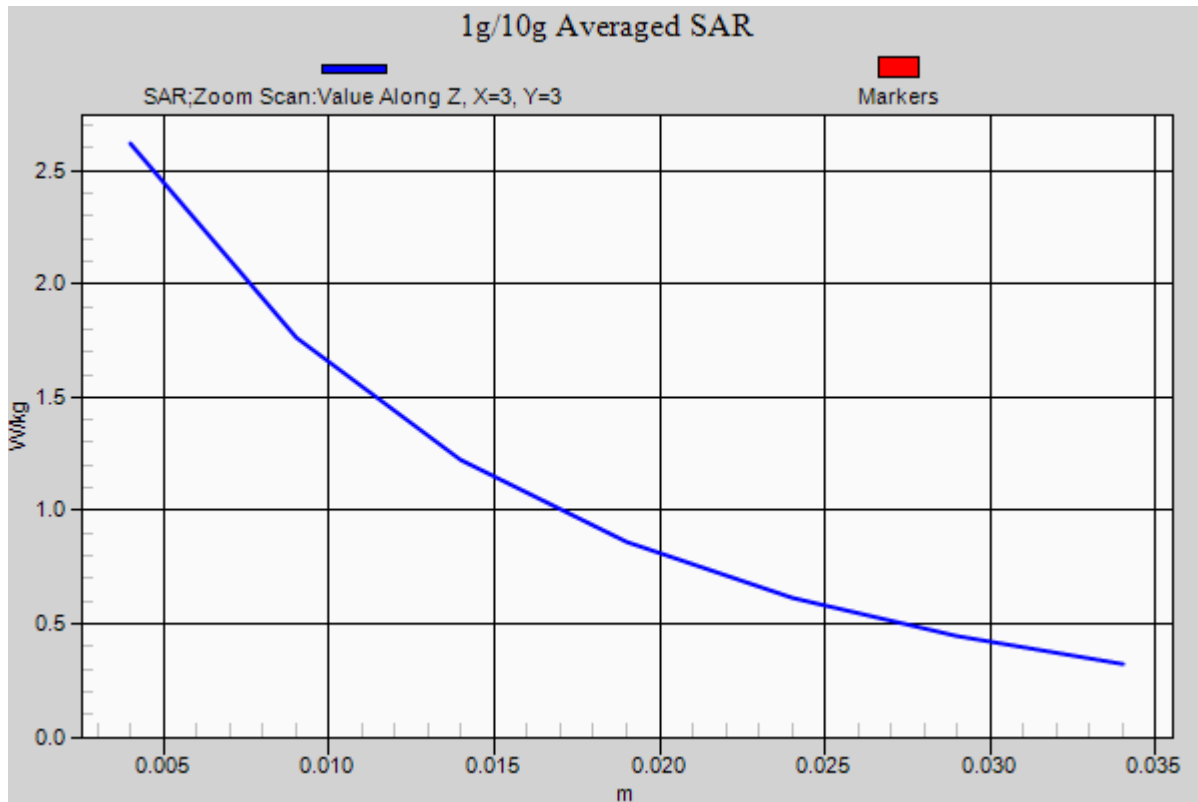
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4 Tissue Temp: 22.7

## **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 3.69 W/kg  
**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.64 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 40.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-03; Ambient Temp: 22.1 Tissue Temp:22.5

### **1900 MHz System Verification**

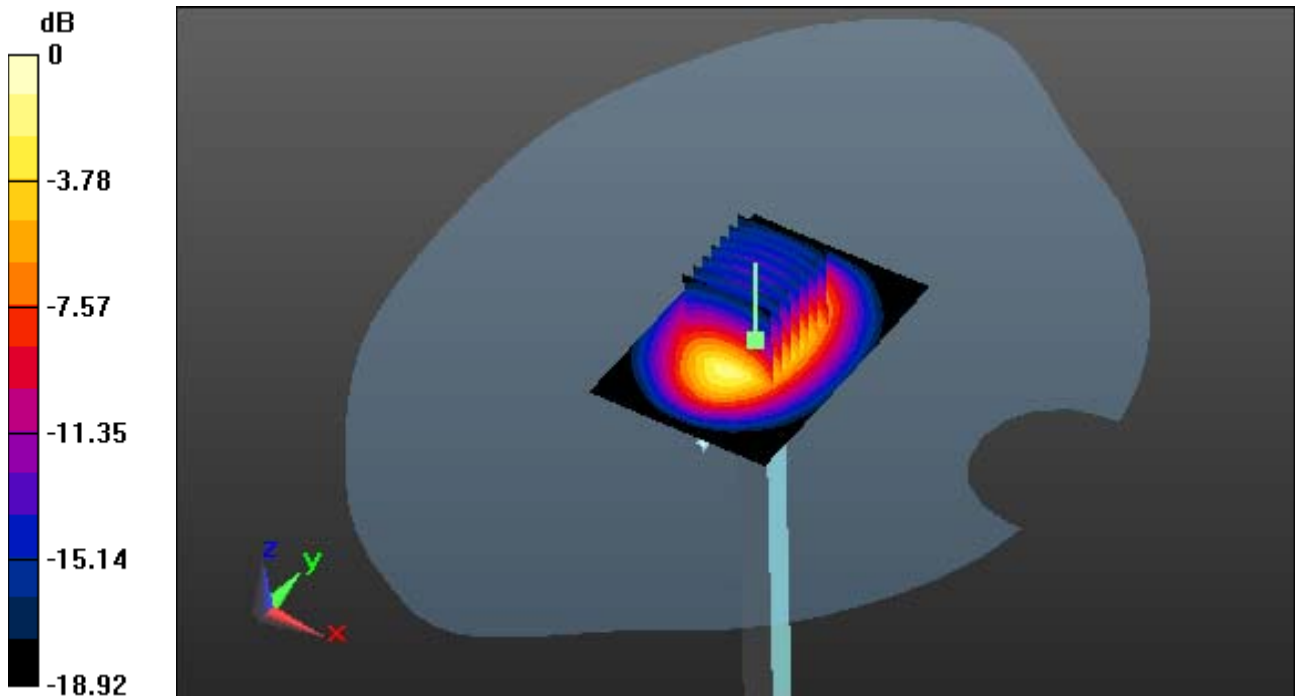
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 19.8 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.18 W/kg**



0 dB = 14.0 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.421$  S/m;  $\epsilon_r = 40.186$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-03; Ambient Temp: 22.1 Tissue Temp:22.5

### **1900 MHz System Verification**

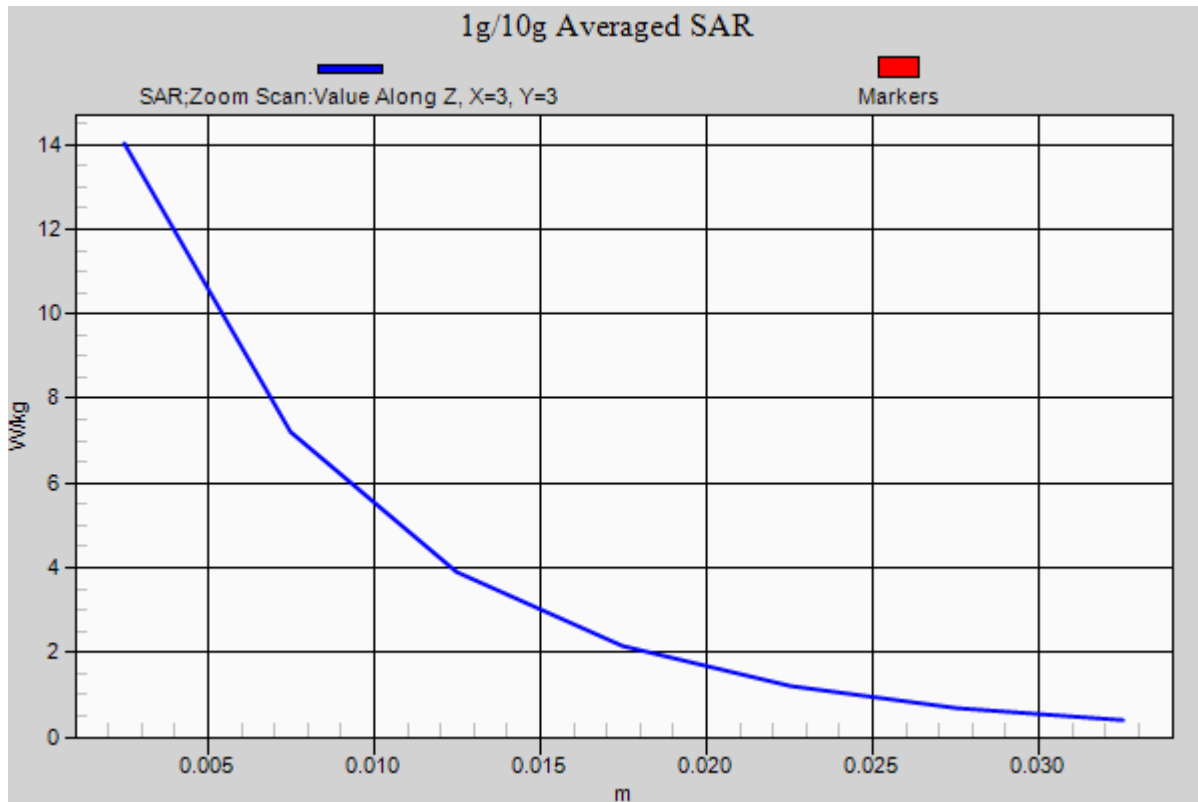
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 19.8 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.18 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1 Tissue Temp: 22.5

### **1900 MHz System Verification**

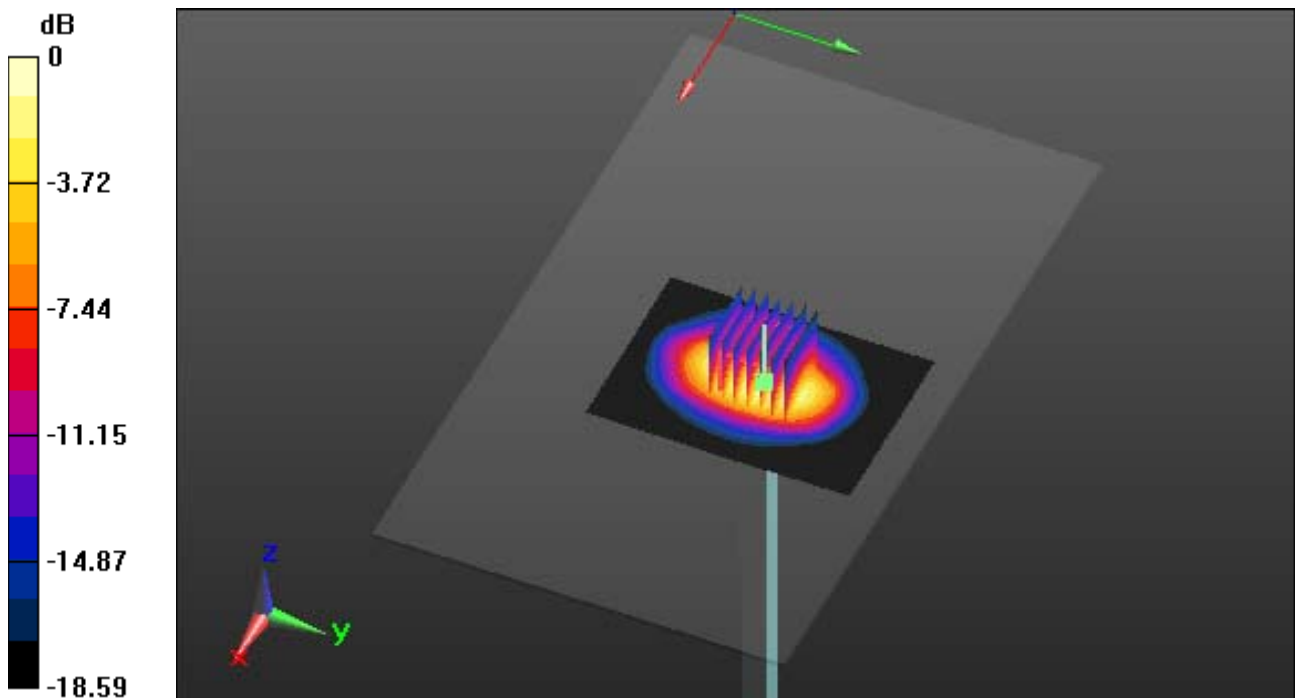
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 19.9 W/kg

**SAR(1 g) = 10.0 W/kg; SAR(10 g) = 5.14 W/kg**



0 dB = 14.2 W/kg



# DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.529$  S/m;  $\epsilon_r = 52.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1 Tissue Temp: 22.5

## **1900 MHz System Verification**

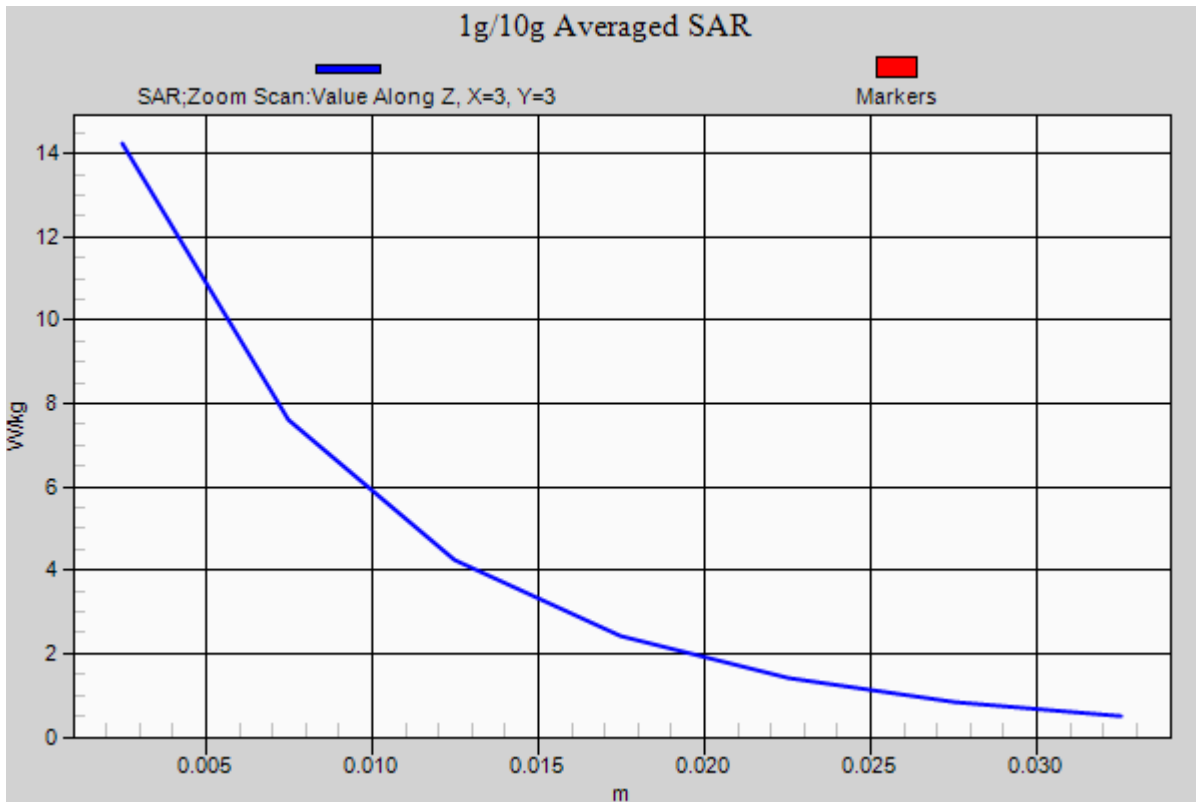
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 19.9 W/kg

**SAR(1 g) = 10.0 W/kg; SAR(10 g) = 5.14 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:  $f = 750$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.335$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

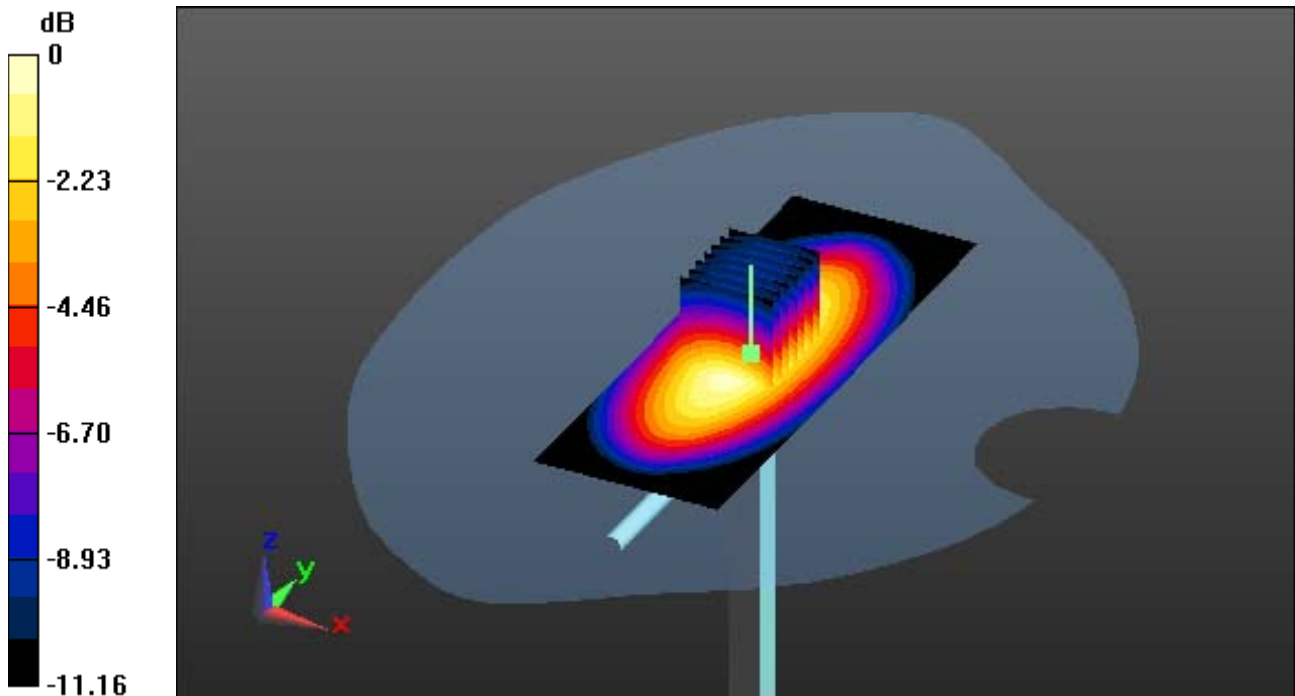
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); 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: 2015-09-09; Ambient Temp: 22.2 Tissue Temp: 22.5

### **750 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 3.74 W/kg  
**SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg**



0 dB = 2.56 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:  $f = 750$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 42.335$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

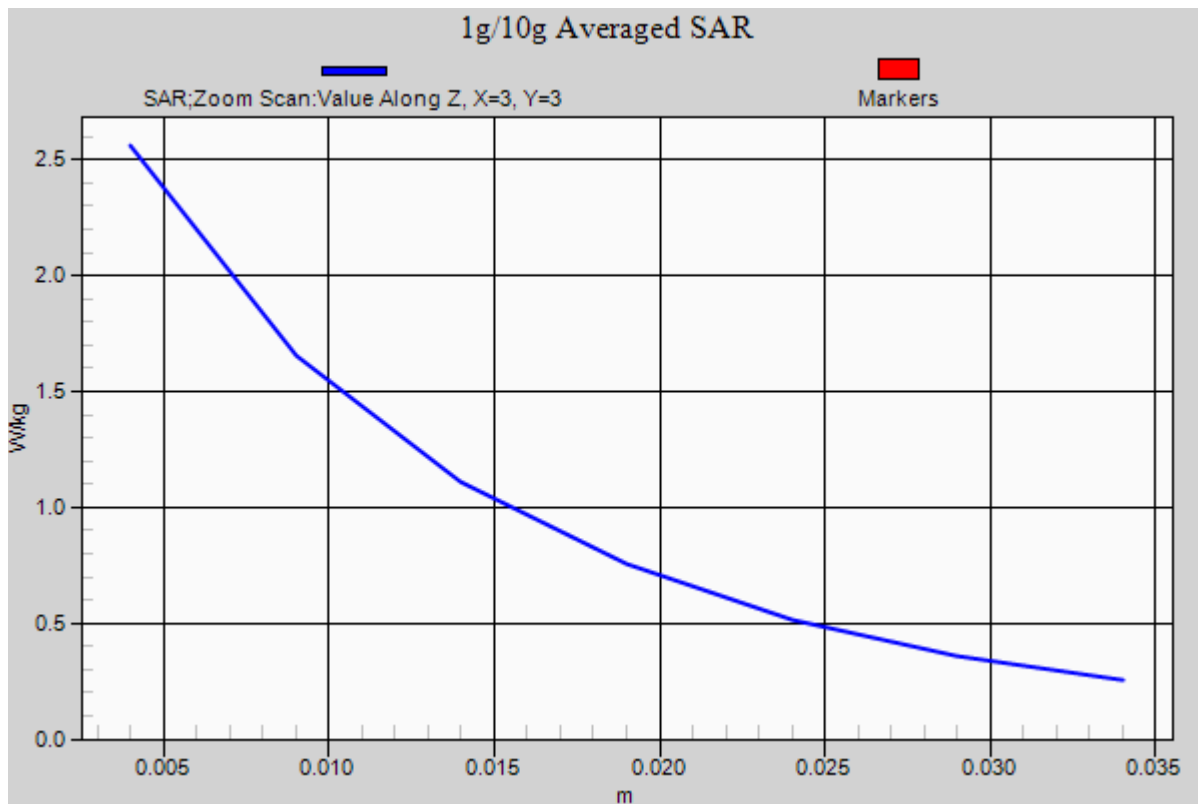
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); 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: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

## **750 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 3.74 W/kg  
**SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 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:  $f = 750$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 56.068$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

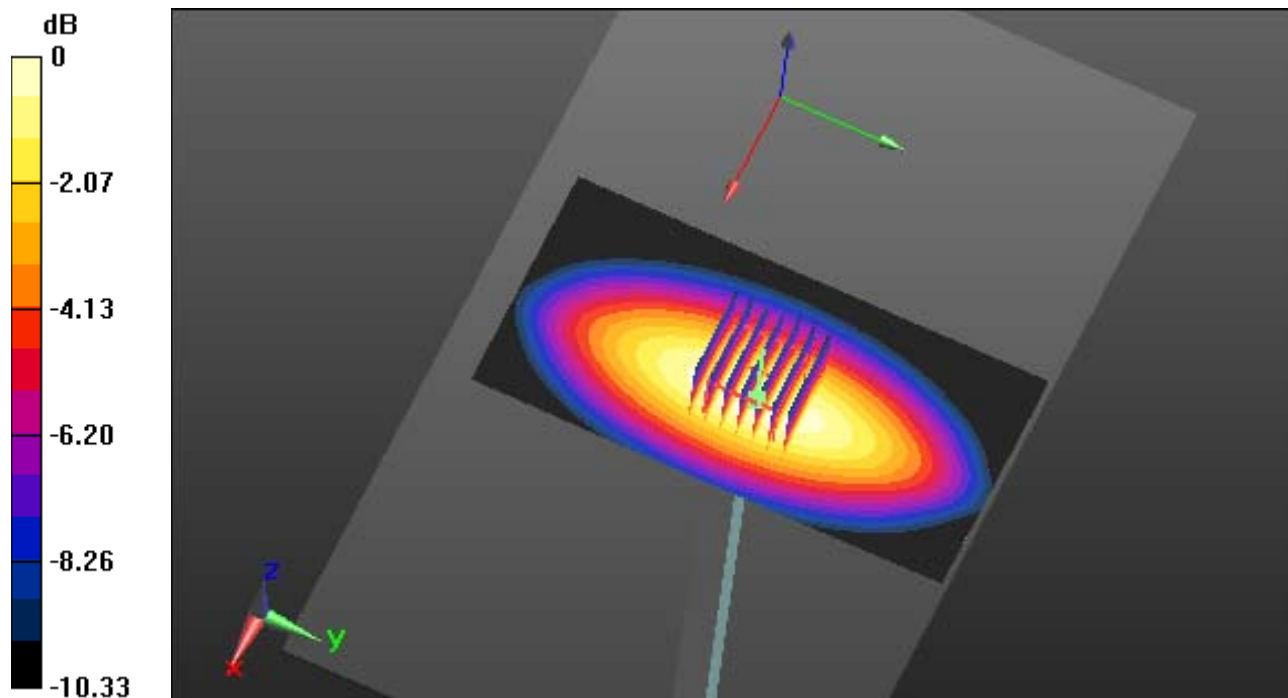
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp: 22.5

### **750 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.55 W/kg  
**SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.52 W/kg**



0 dB = 2.53 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:  $f = 750$  MHz;  $\sigma = 0.972$  S/m;  $\epsilon_r = 56.068$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

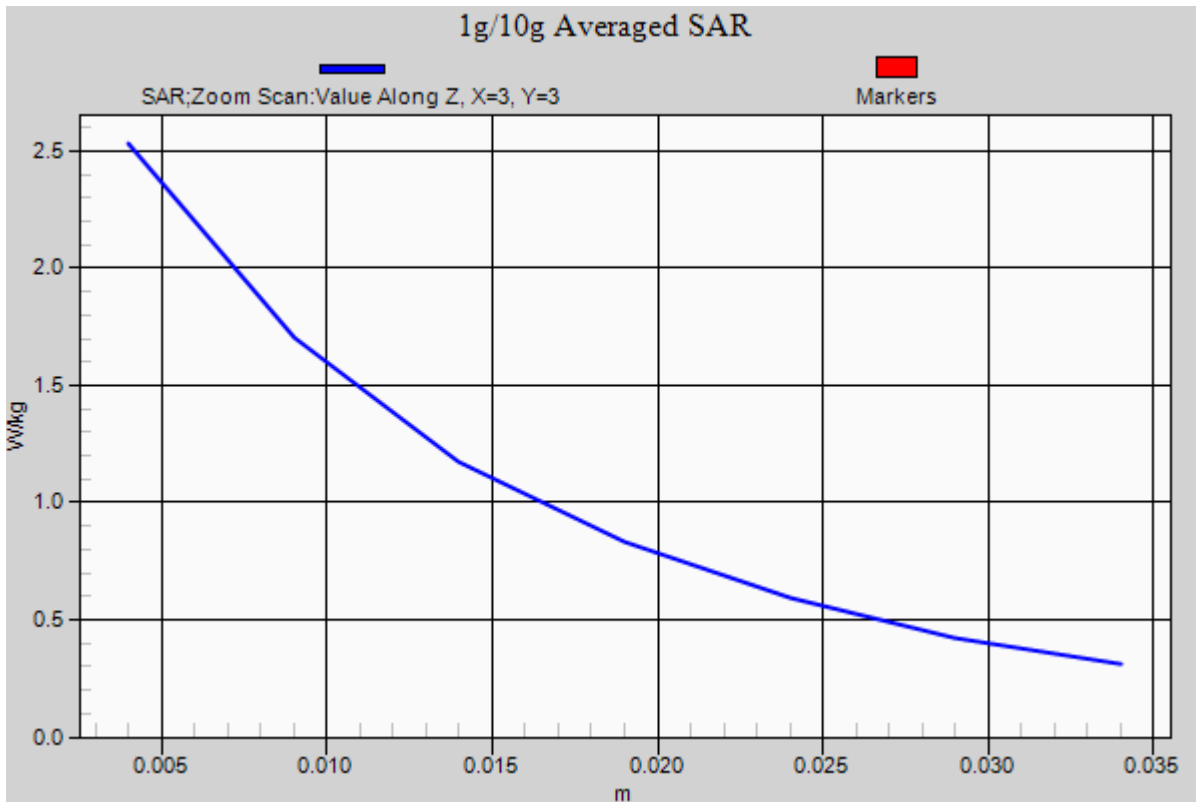
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp: 22.5

## **750 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.55 W/kg  
**SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.52 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 41.338$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

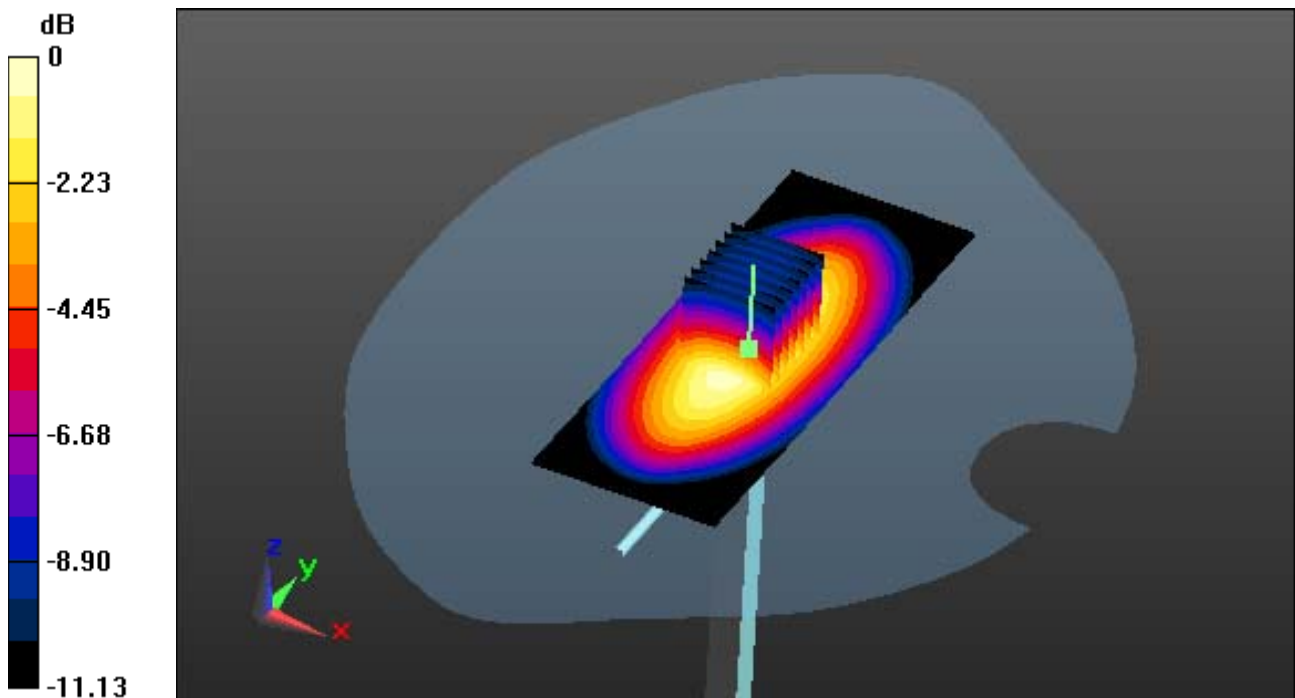
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-09-08; Ambient Temp: 21.9 Tissue Temp: 22.3

### **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 3.75 W/kg  
**SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.53 W/kg**



0 dB = 2.61 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 41.338$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

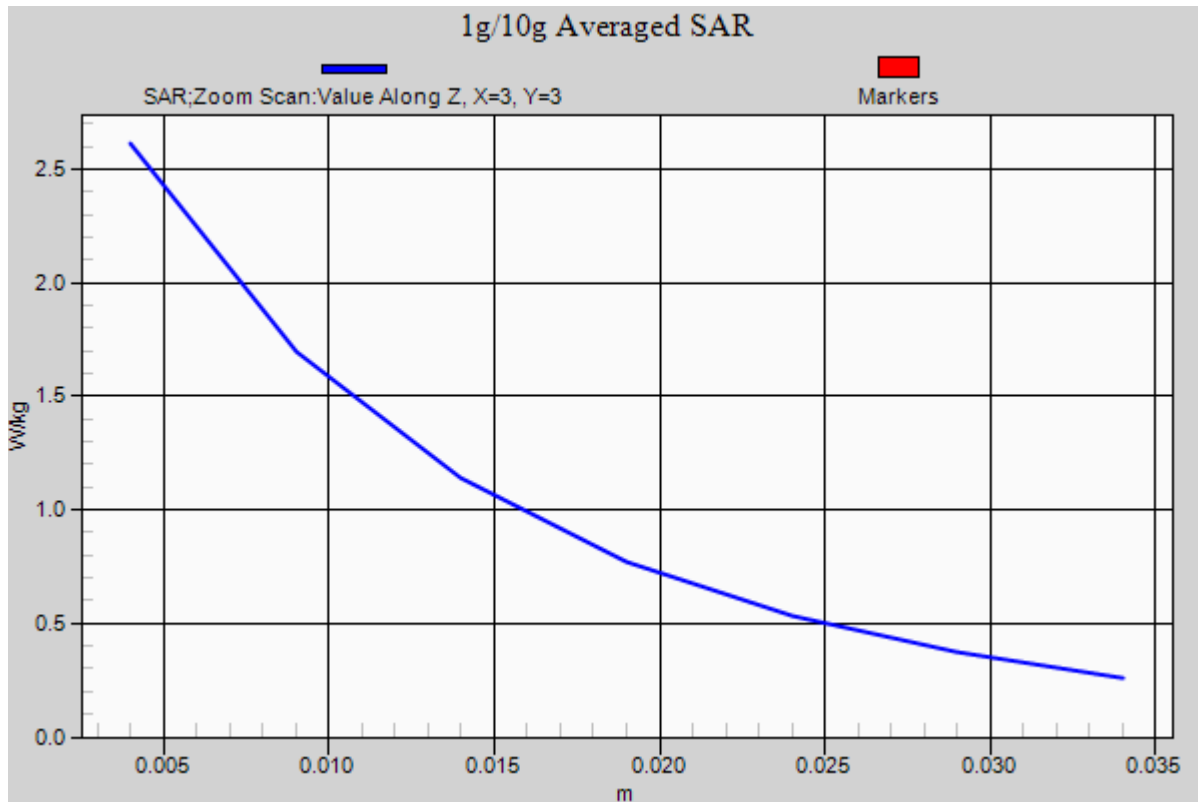
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

## **835 MHz System Verification**

**Area Scan (41x111x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 3.75 W/kg  
**SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.53 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 54.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

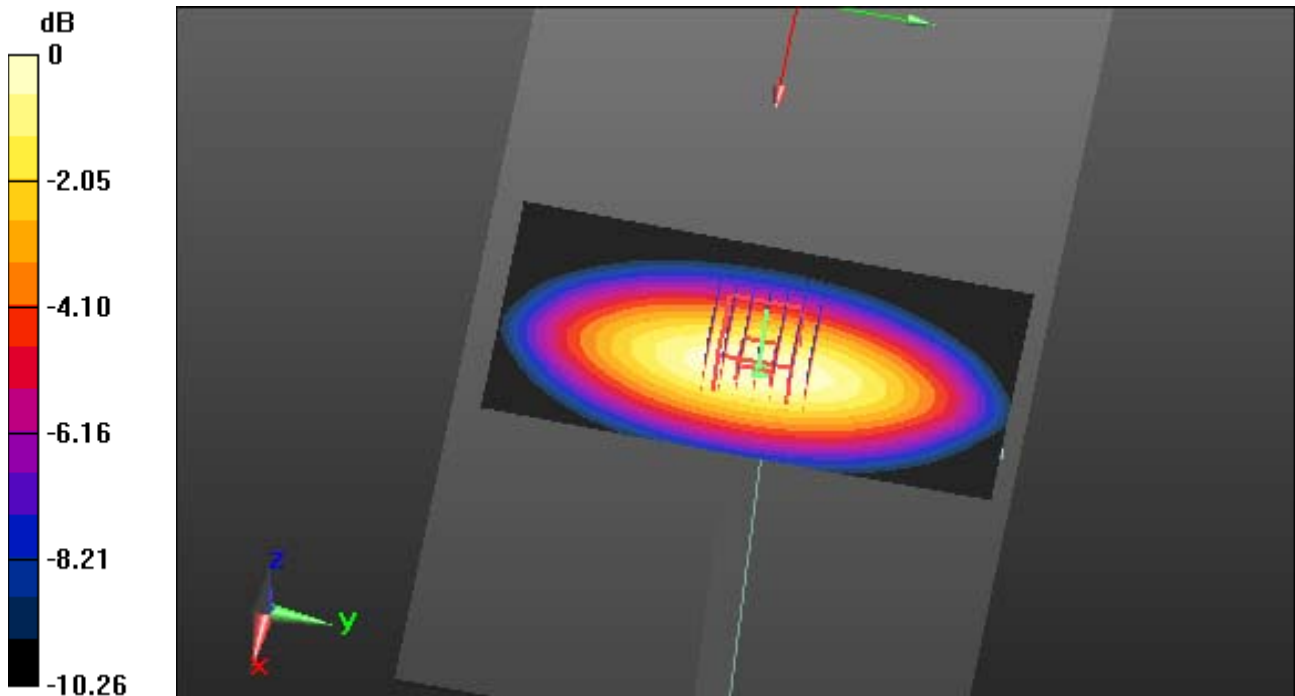
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp: 22.3

### **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 3.68 W/kg  
**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.6 W/kg**



0 dB = 2.63 W/kg



# DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 54.804$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

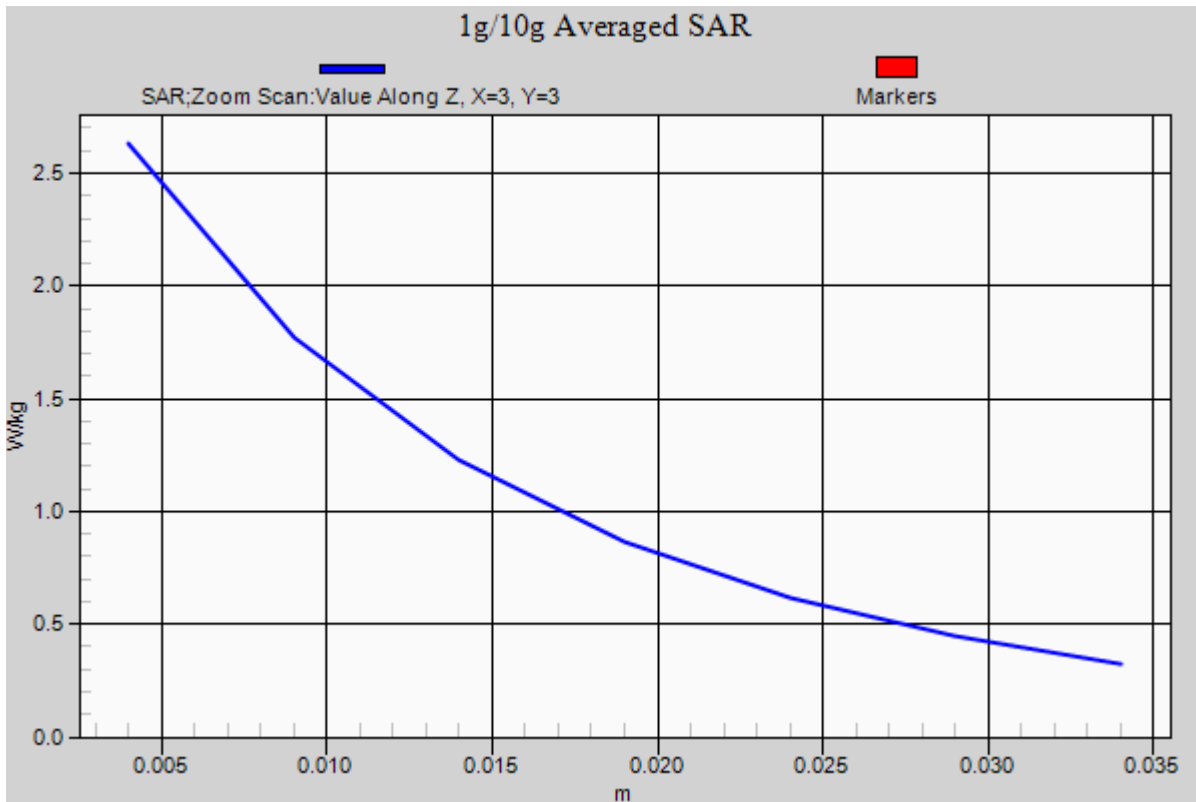
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp: 22.3

## **835 MHz System Verification**

**Area Scan (51x101x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.12 dB  
Peak SAR (extrapolated) = 3.68 W/kg  
**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.6 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:  $f = 1800$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 39.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

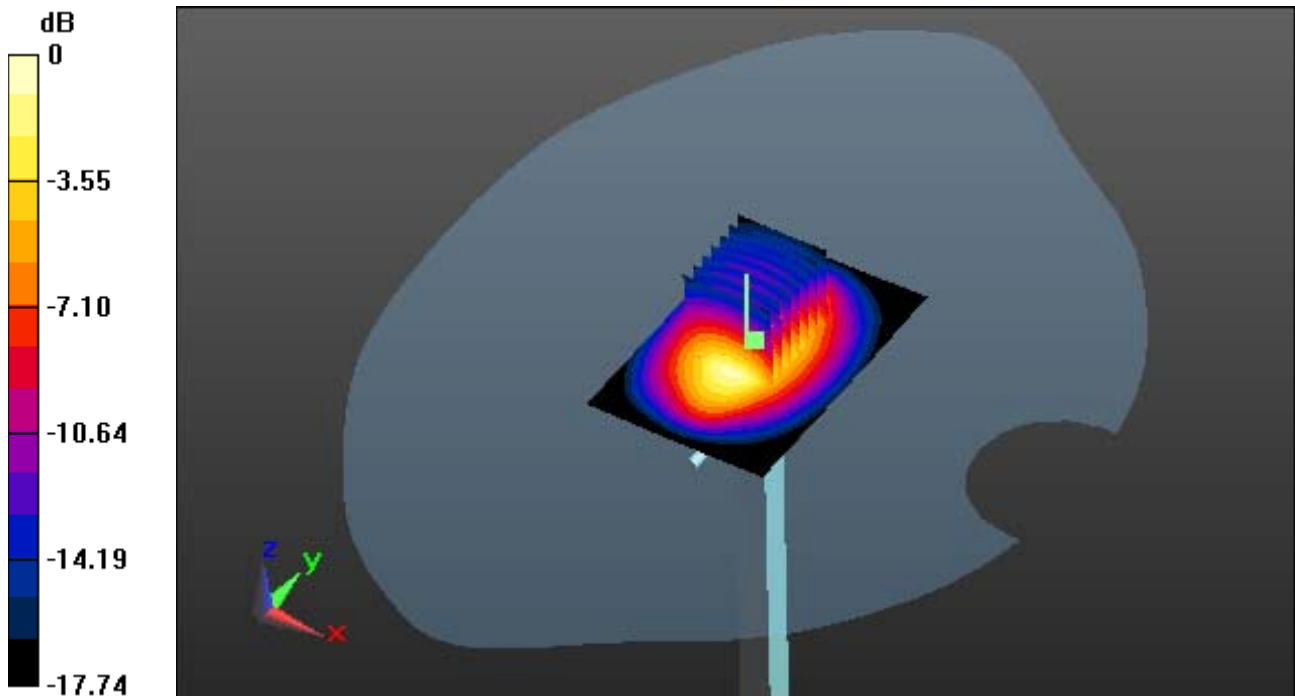
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); 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: 2015-09-07; Ambient Temp: 22.3 Tissue Temp: 22.6

### **1800 MHz System Verification**

**Area Scan (41x61x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 17.3 W/kg  
**SAR(1 g) = 9.36 W/kg; SAR(10 g) = 4.92 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:  $f = 1800$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 39.248$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

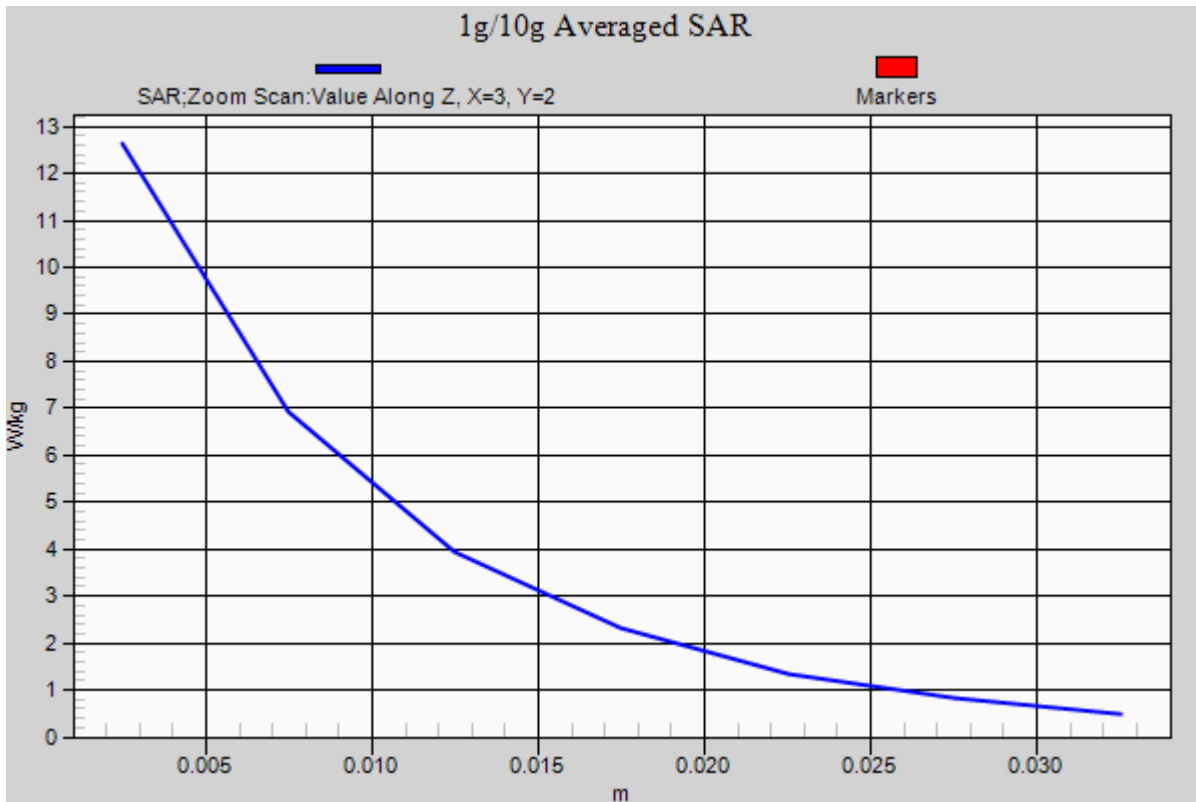
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); 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: 2015-09-07; Ambient Temp: 22.2 Tissue Temp:22.6

## **1800 MHz System Verification**

**Area Scan (41x61x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 17.3 W/kg  
**SAR(1 g) = 9.36 W/kg; SAR(10 g) = 4.92 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;  $\sigma = 1.55$  S/m;  $\epsilon_r = 53.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp: 22.6

### **1800 MHz System Verification**

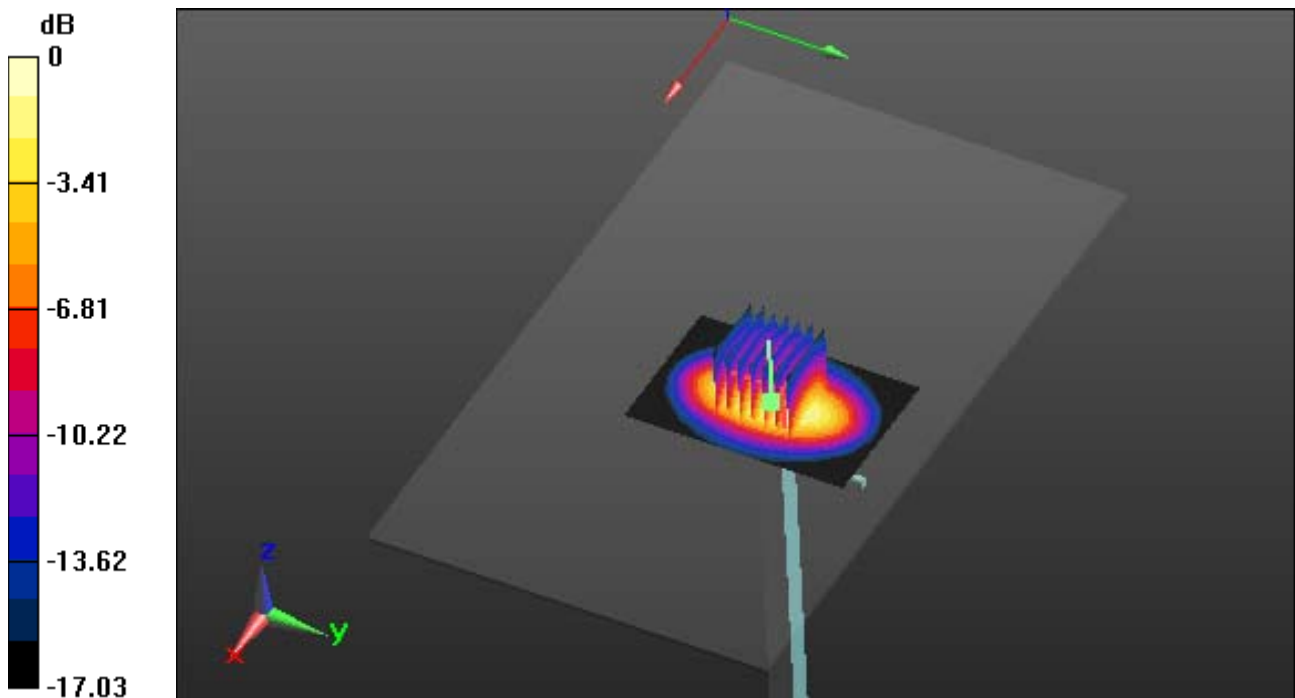
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.09 W/kg**



0 dB = 13.2 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;  $\sigma = 1.55$  S/m;  $\epsilon_r = 53.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

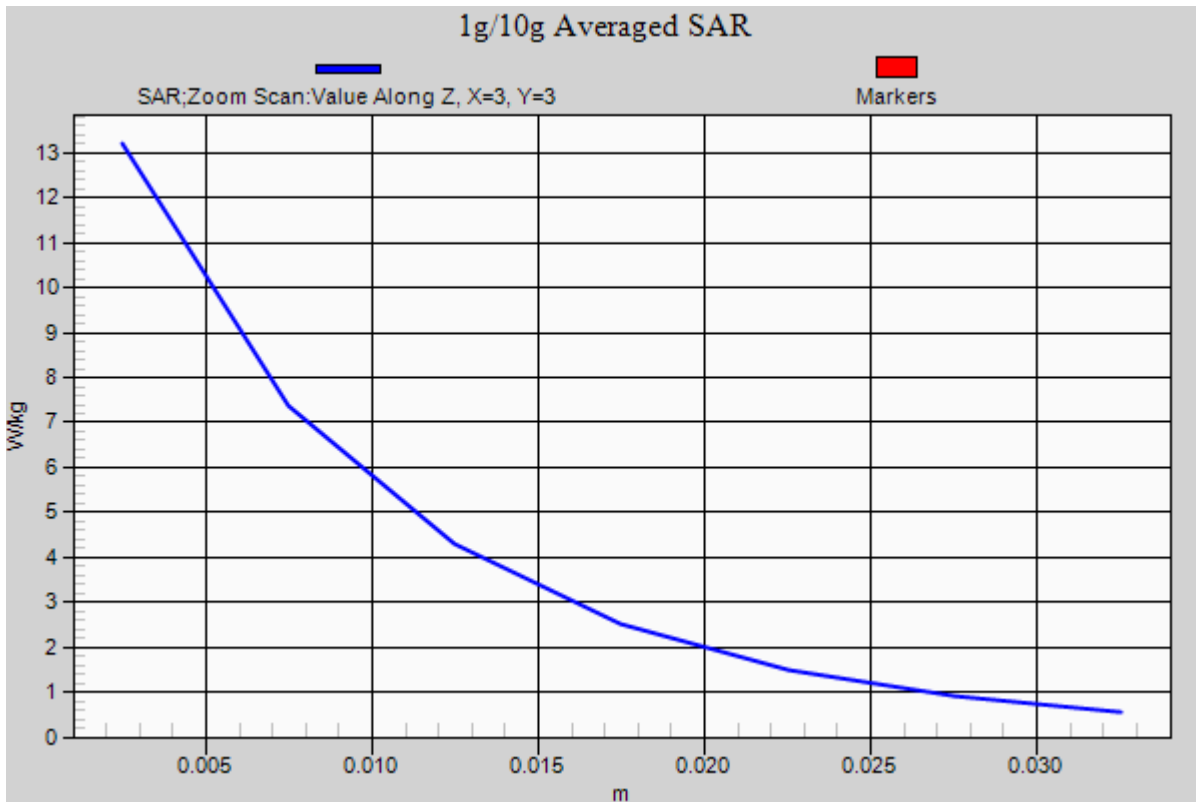
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp: 22.6

## **1800 MHz System Verification**

**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 17.8 W/kg  
**SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.09 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-04; Ambient Temp: 21.7 Tissue Temp: 22.1

### **1900 MHz System Verification**

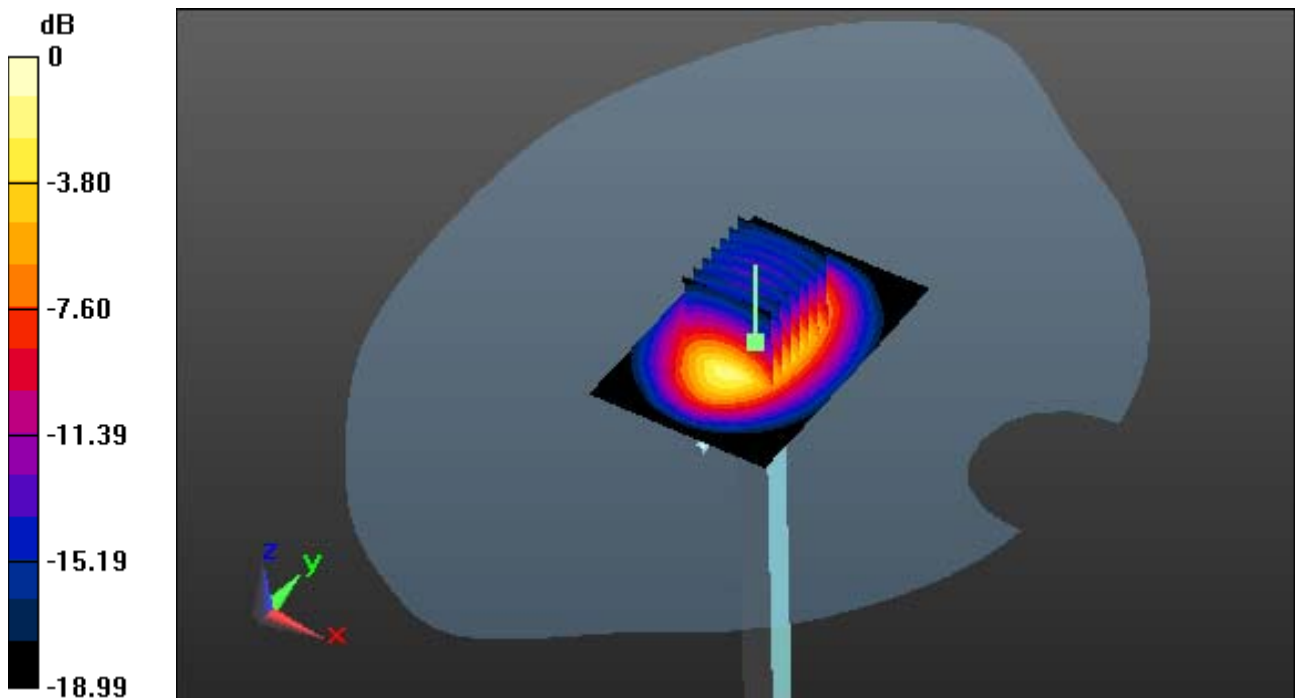
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 20.4 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.28 W/kg**



0 dB = 14.4 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.422$  S/m;  $\epsilon_r = 39.288$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

## **1900 MHz System Verification**

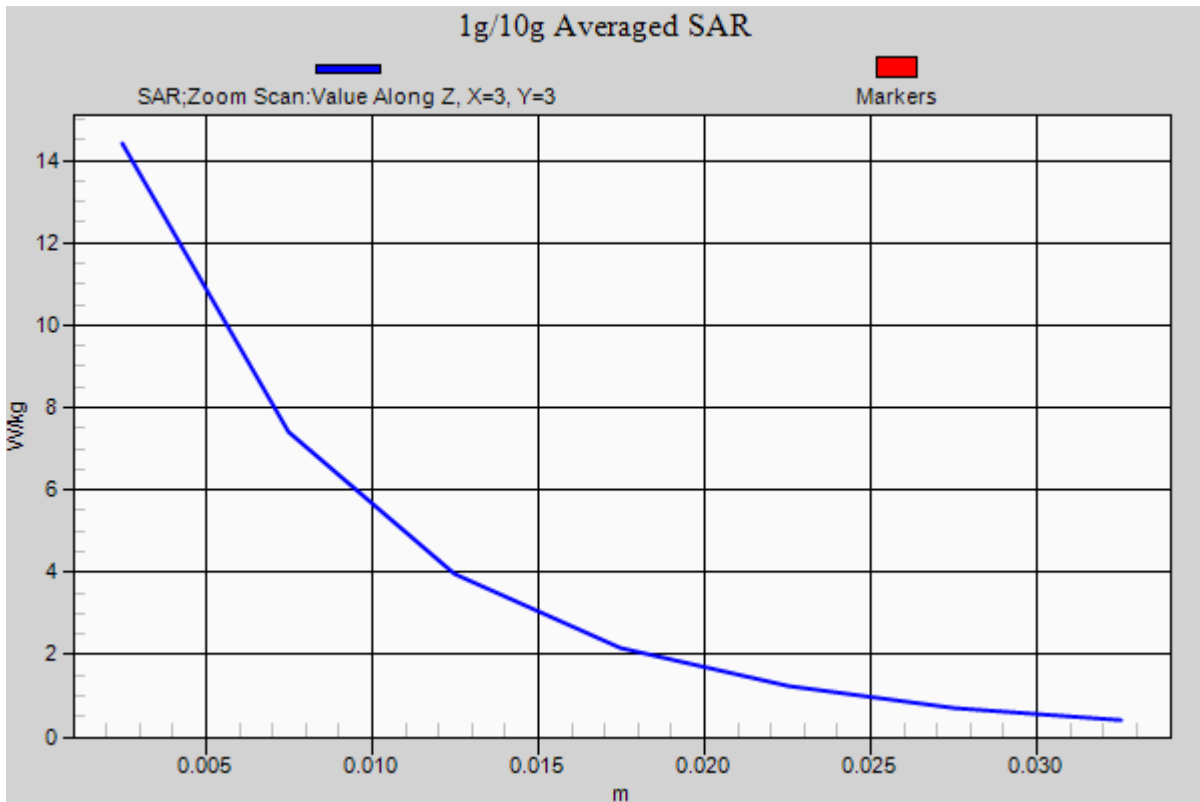
**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 20.4 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.28 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 54.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp: 22.1

### **1900 MHz System Verification**

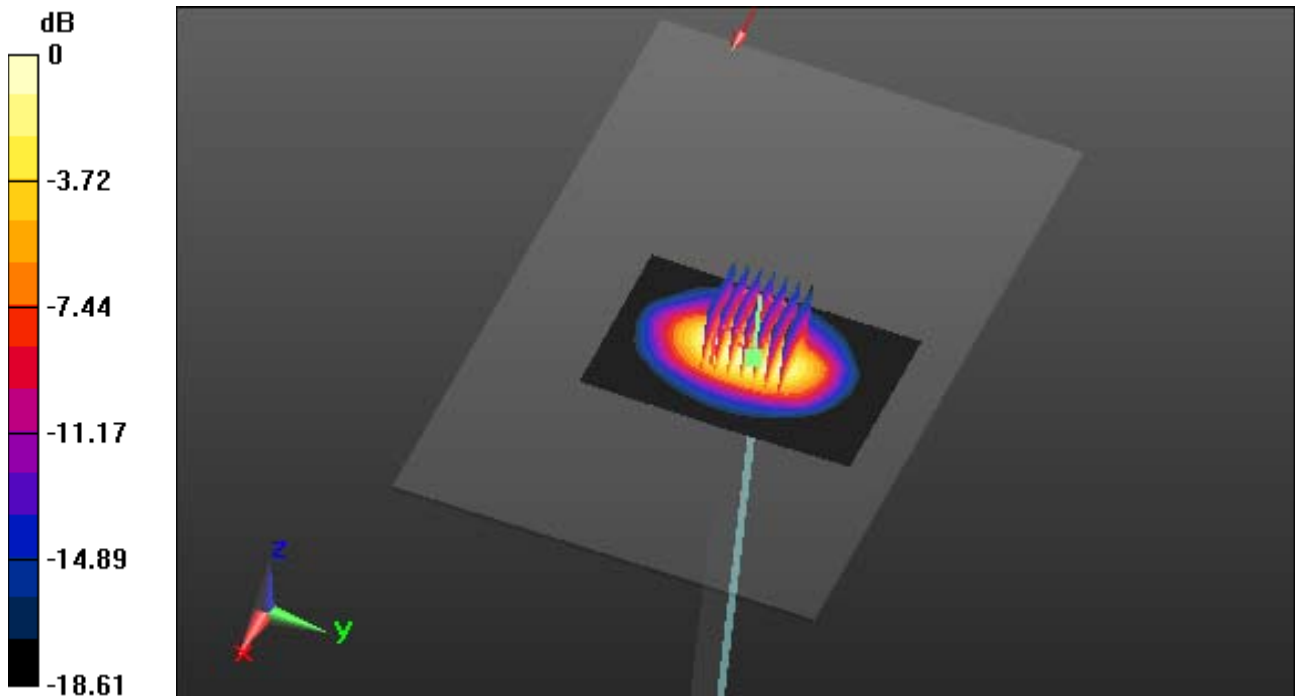
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.8 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.29 W/kg**



0 dB = 14.2 W/kg



## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176**

Communication System: CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.521$  S/m;  $\epsilon_r = 54.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp: 22.1

### **1900 MHz System Verification**

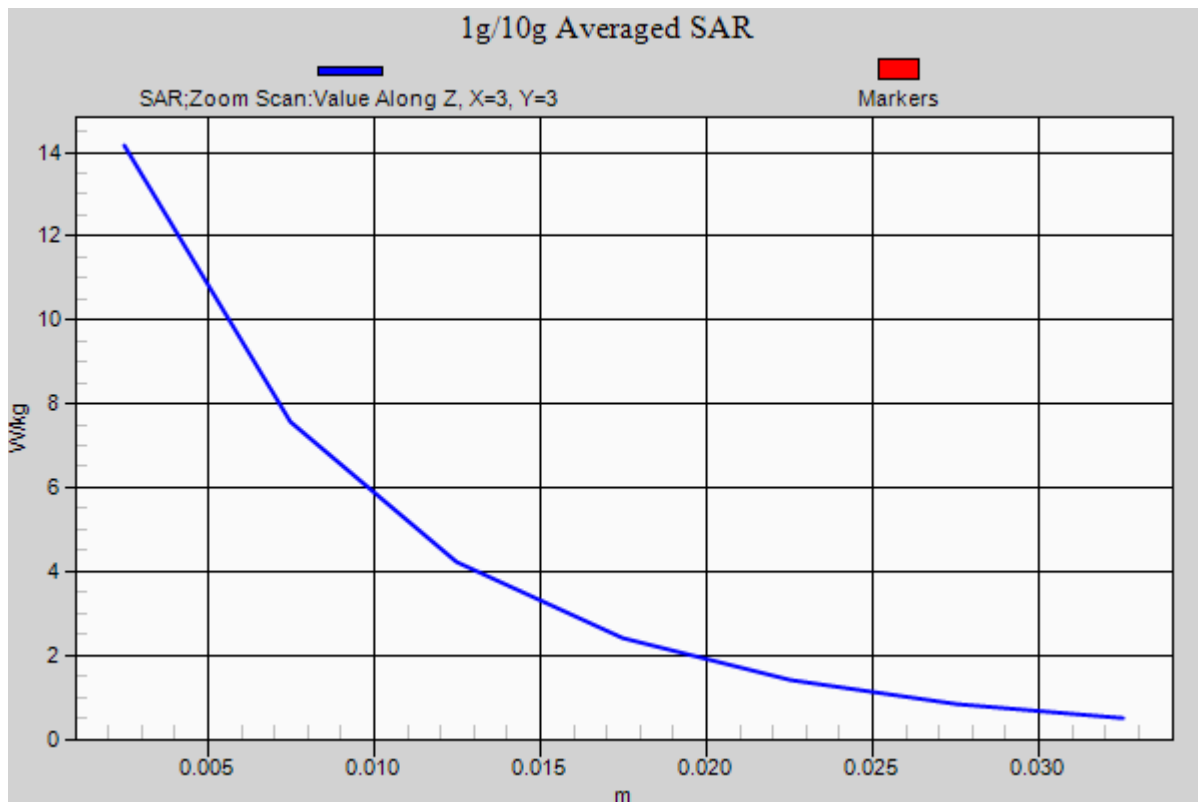
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.8 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.29 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.349$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); 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: 2015-09-10; Ambient Temp: 22.5 Tissue Temp: 22.8

### **2450 MHz System Verification**

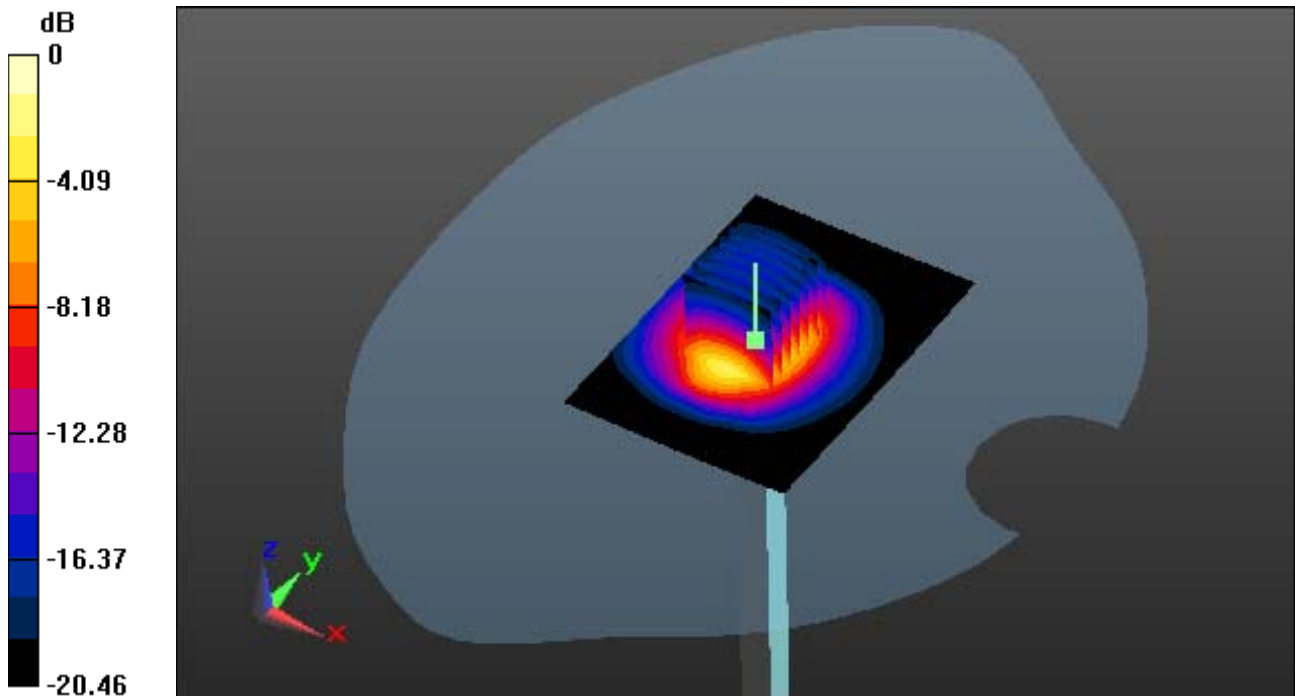
**Area Scan (51x71x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 27.9 W/kg

**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.99 W/kg**



0 dB = 18.6 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.349$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

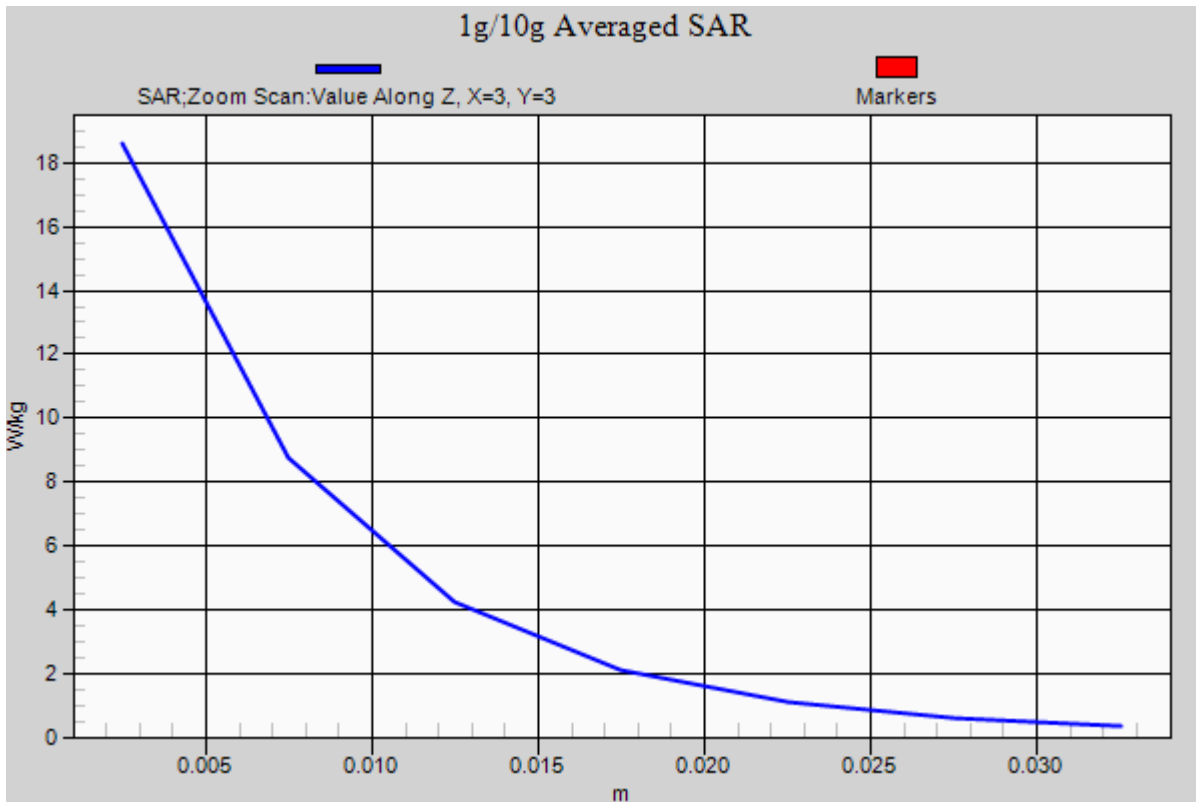
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); 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: 2015-09-10; Ambient Temp: 22.5 Tissue Temp:22.8

## **2450 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=12 mm, dy=12 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 27.9 W/kg  
**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.99 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.99$  S/m;  $\epsilon_r = 52.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5 Tissue Temp: 22.8

### **2450 MHz System Verification**

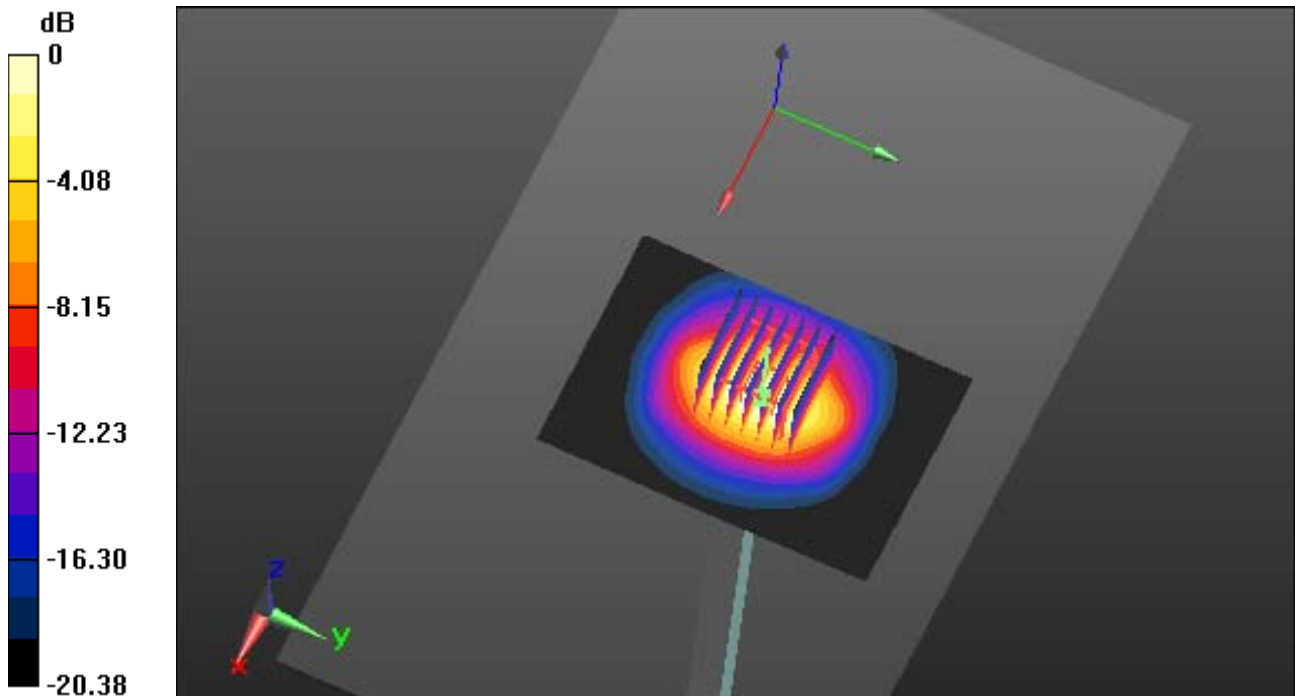
**Area Scan (51x71x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 30.3 W/kg

**SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.42 W/kg**



0 dB = 20.1 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.99$  S/m;  $\epsilon_r = 52.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

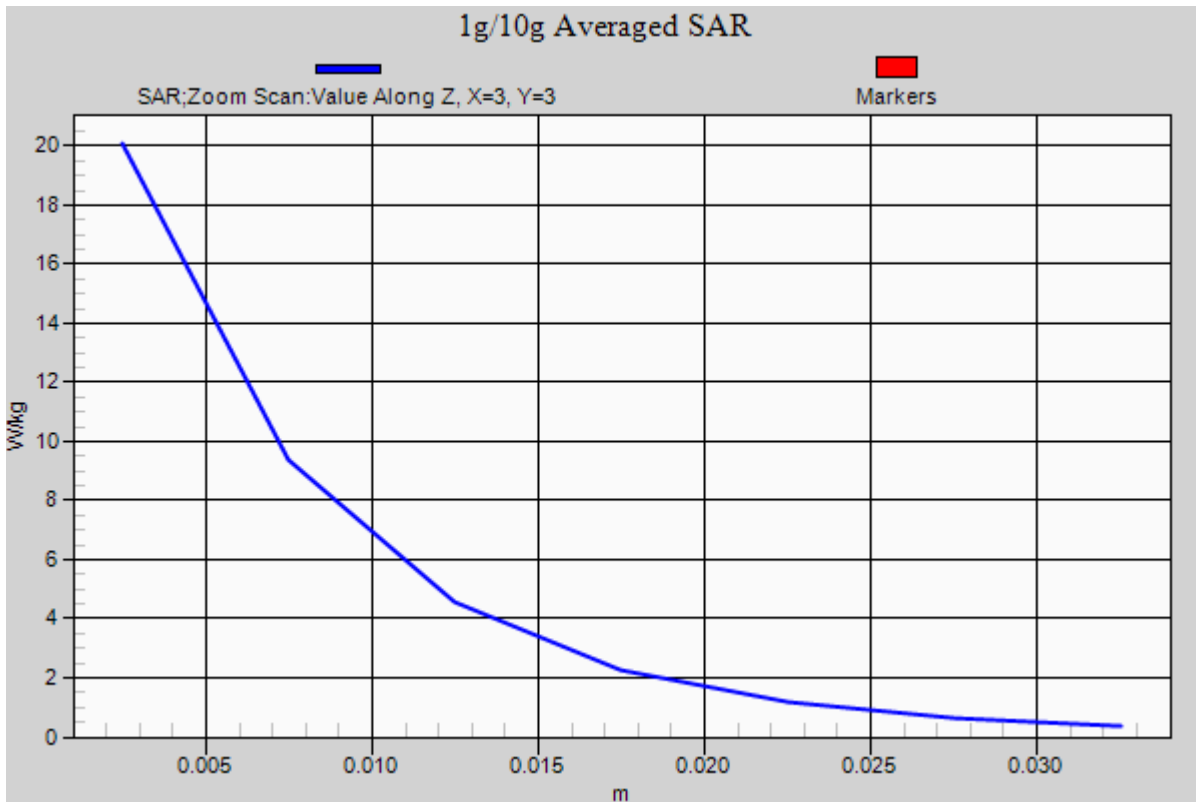
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; ; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5 Tissue Temp: 22.8

## **2450 MHz System Verification**

**Area Scan (51x71x1):** Interpolated grid: dx=12 mm, dy=12 mm  
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 30.3 W/kg  
**SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.42 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;  $\sigma = 4.726$  S/m;  $\epsilon_r = 36.316$ ;  $\rho = 1000$  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 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: 2015-12-04; Ambient Temp: 21.4 Tissue Temp: 21.8

### **5300 MHz System Verification**

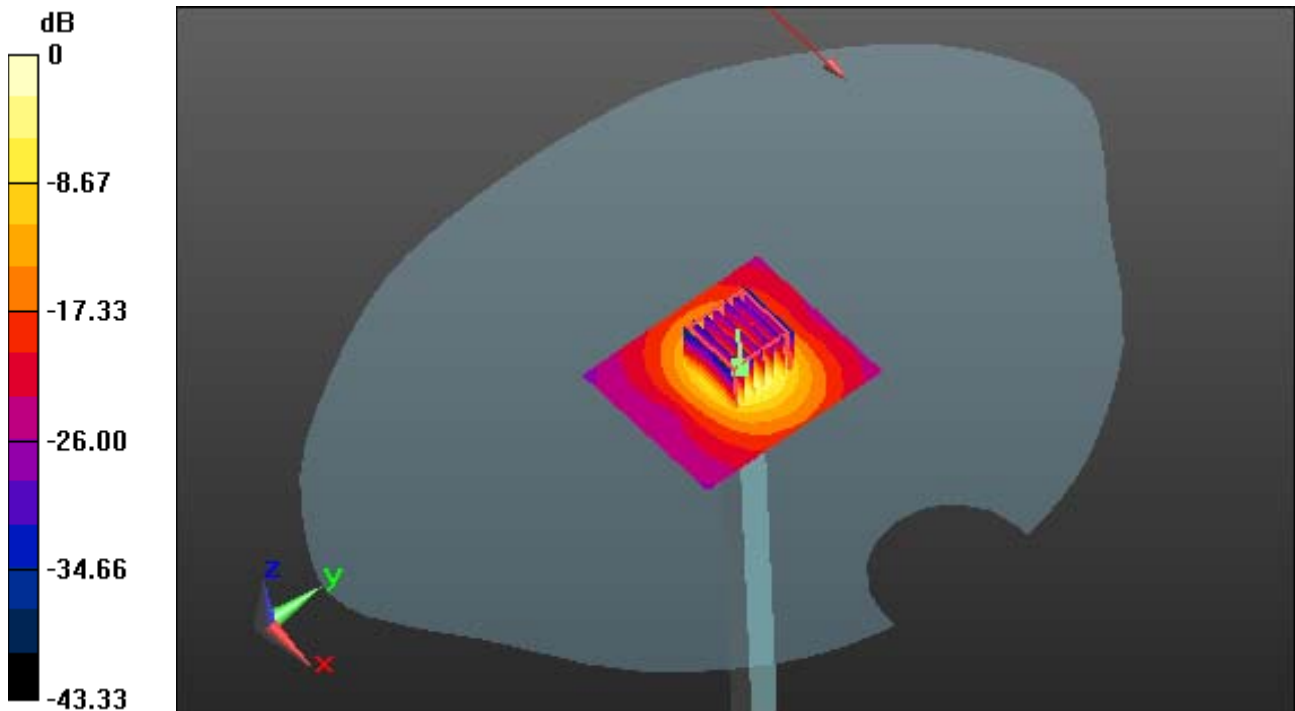
**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 34.6 W/kg

SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 16.6 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;  $\sigma = 4.726$  S/m;  $\epsilon_r = 36.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

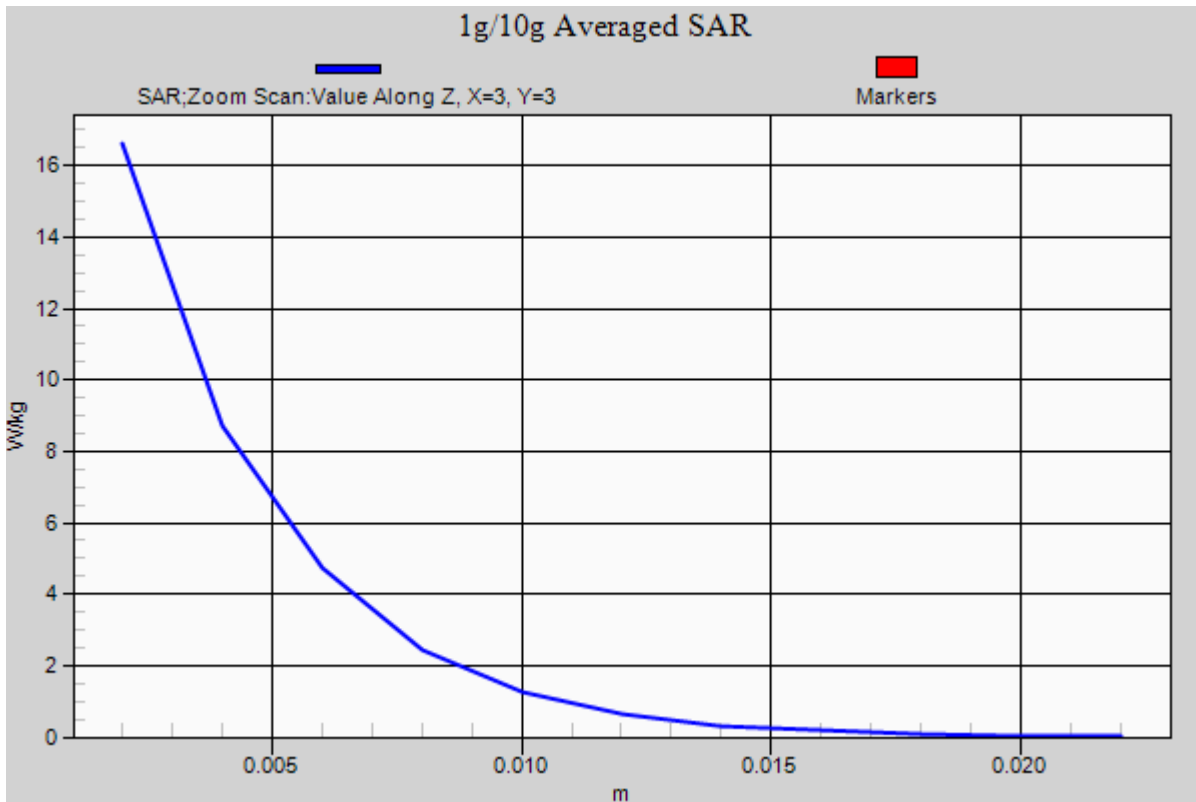
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.02, 5.02, 5.02); Calibrated: 5/27/2015; ; Electronics: DAE4 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: 2015-12-04; Ambient Temp: 21.4 Tissue Temp: 21.8

## **5300 MHz System Verification**

**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 34.6 W/kg  
**SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.37 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;  $\sigma = 4.961$  S/m;  $\epsilon_r = 34.538$ ;  $\rho = 1000$  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 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: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

### **5600 MHz System Verification**

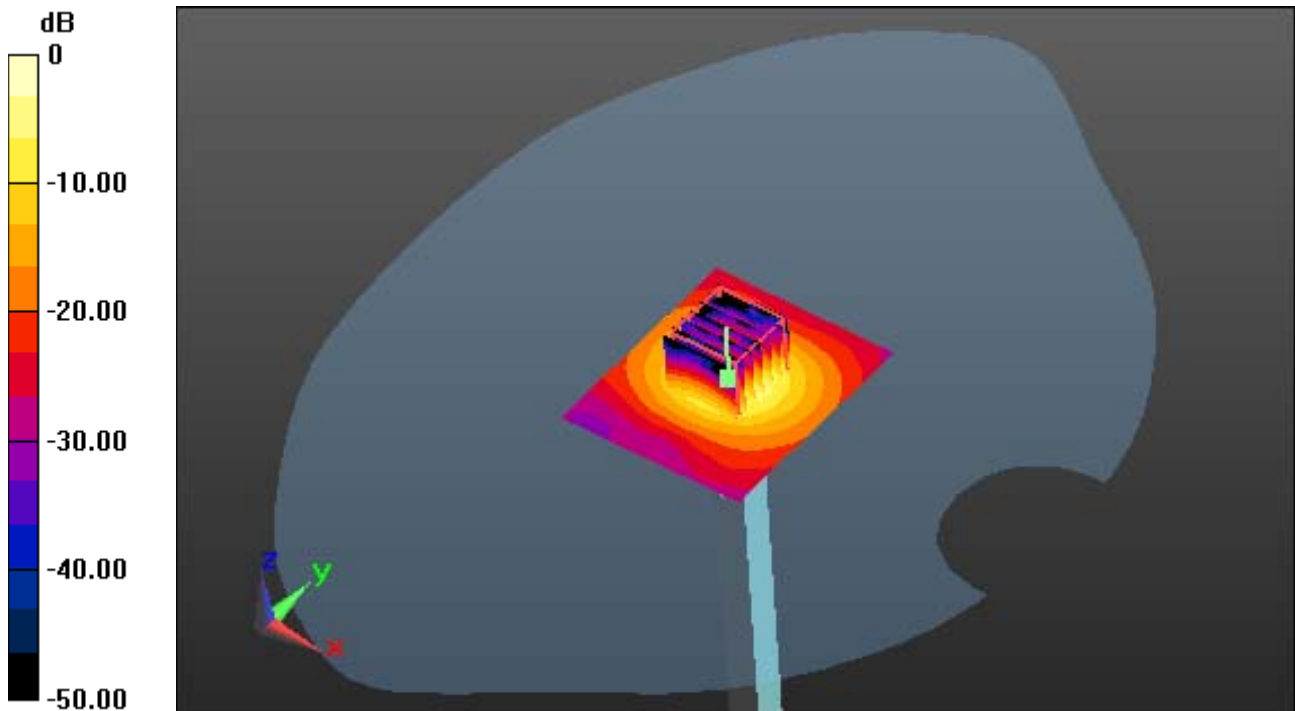
**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 39.9 W/kg

**SAR(1 g) = 8.46 W/kg; SAR(10 g) = 2.31 W/kg**



0 dB = 18.2 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;  $\sigma = 4.961$  S/m;  $\epsilon_r = 34.538$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

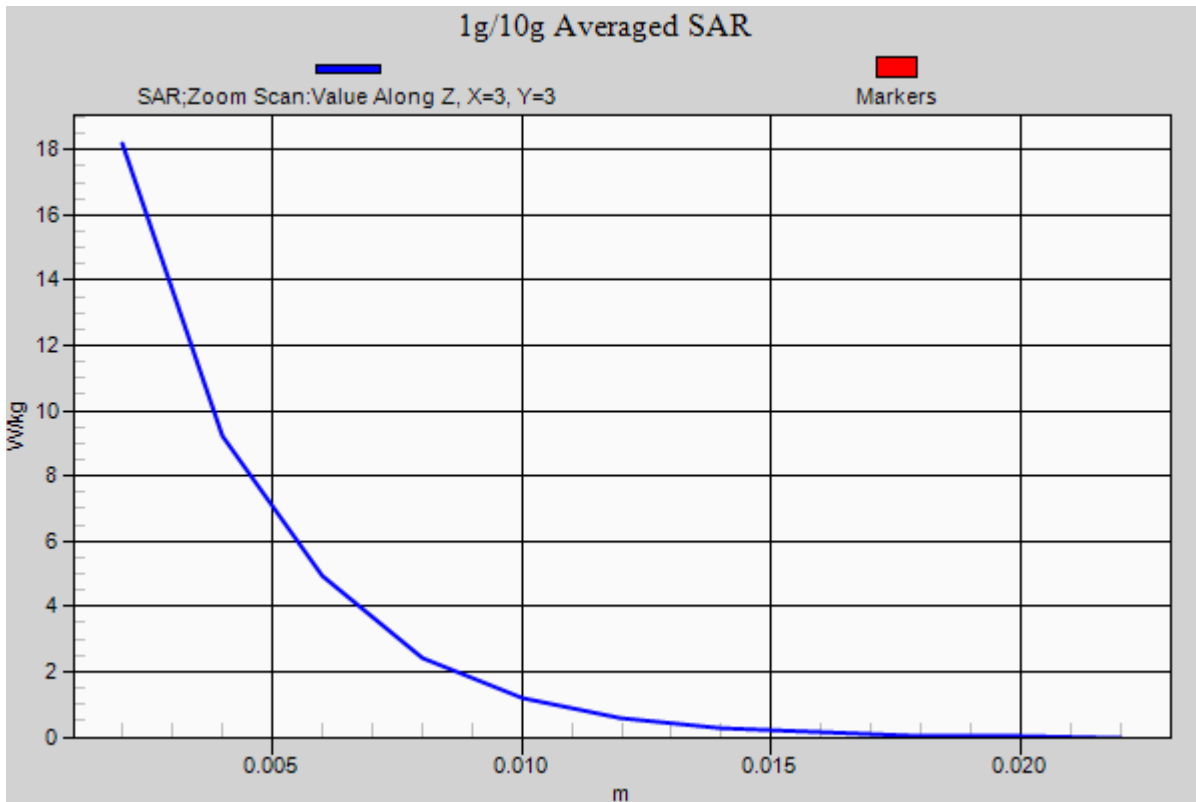
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); Calibrated: 5/27/2015; ; Electronics: DAE4 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: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

## **5600 MHz System Verification**

**Area Scan (61x71x1):** Interpolated grid: dx=10 mm, dy=10 mm  
**Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 39.9 W/kg  
**SAR(1 g) = 8.46 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; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.434$  S/m;  $\epsilon_r = 34.327$ ;  $\rho = 1000$  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 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: 2015-12-05; Ambient Temp: 21.6 Tissue Temp: 21.9

### **5800 MHz System Verification**

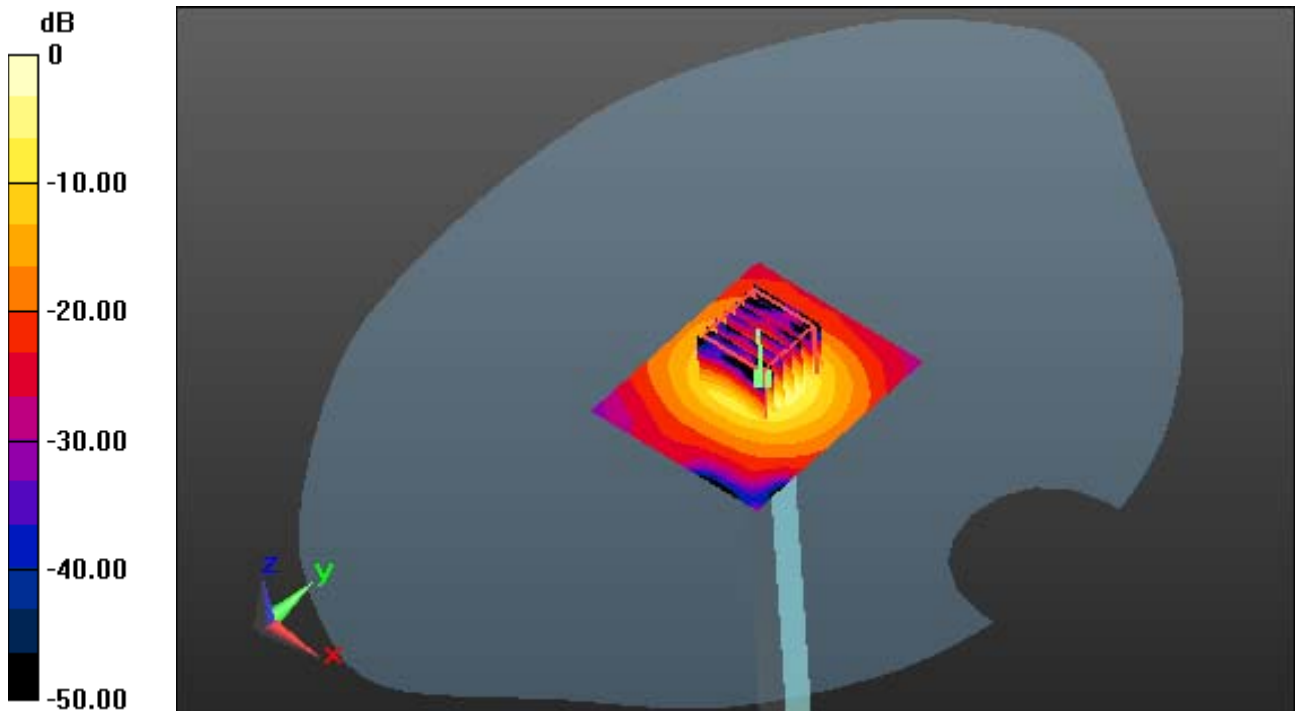
**Area Scan (41x51x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 36.8 W/kg

**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.25 W/kg**



0 dB = 17.1 W/kg

# DT&C Co., Ltd.

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

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.434$  S/m;  $\epsilon_r = 34.327$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

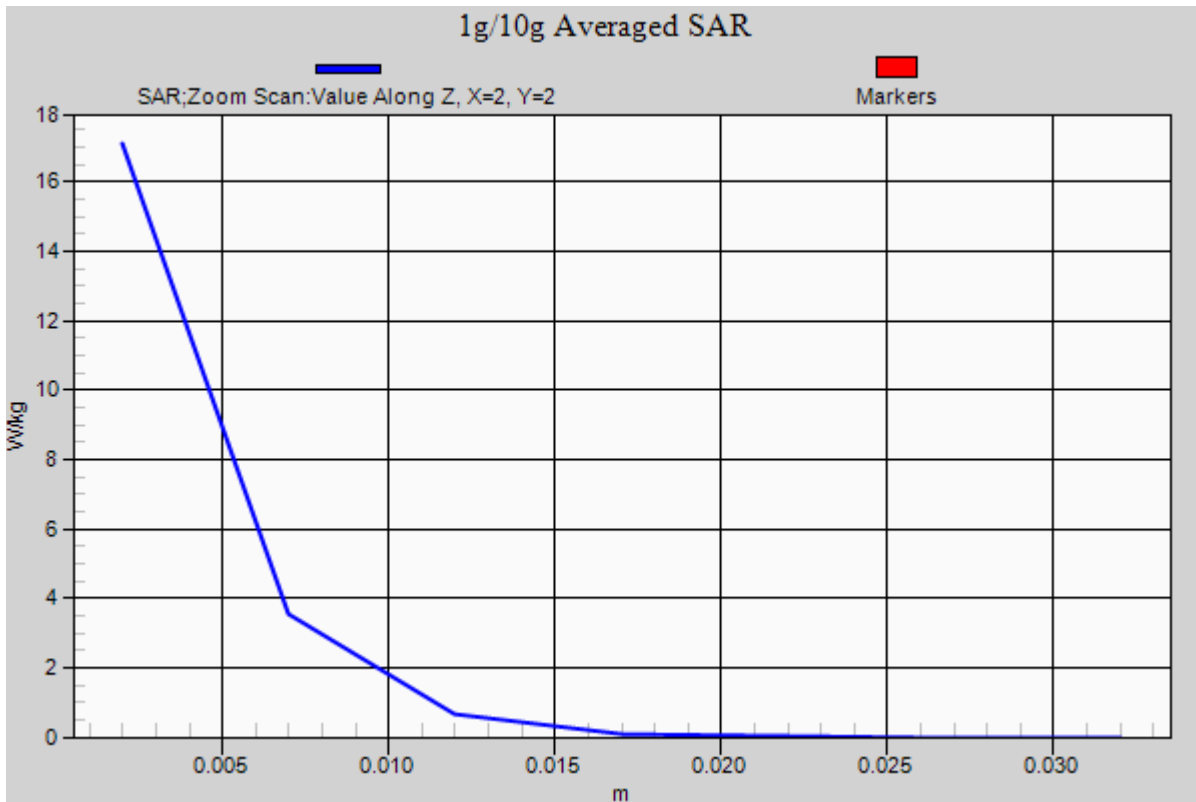
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); Calibrated: 5/27/2015; ; Electronics: DAE4 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: 2015-12-05; Ambient Temp: 21.6 Tissue Temp:21.9

## **5800 MHz System Verification**

**Area Scan (41x51x1):** 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) = 36.8 W/kg  
**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.25 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA850 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

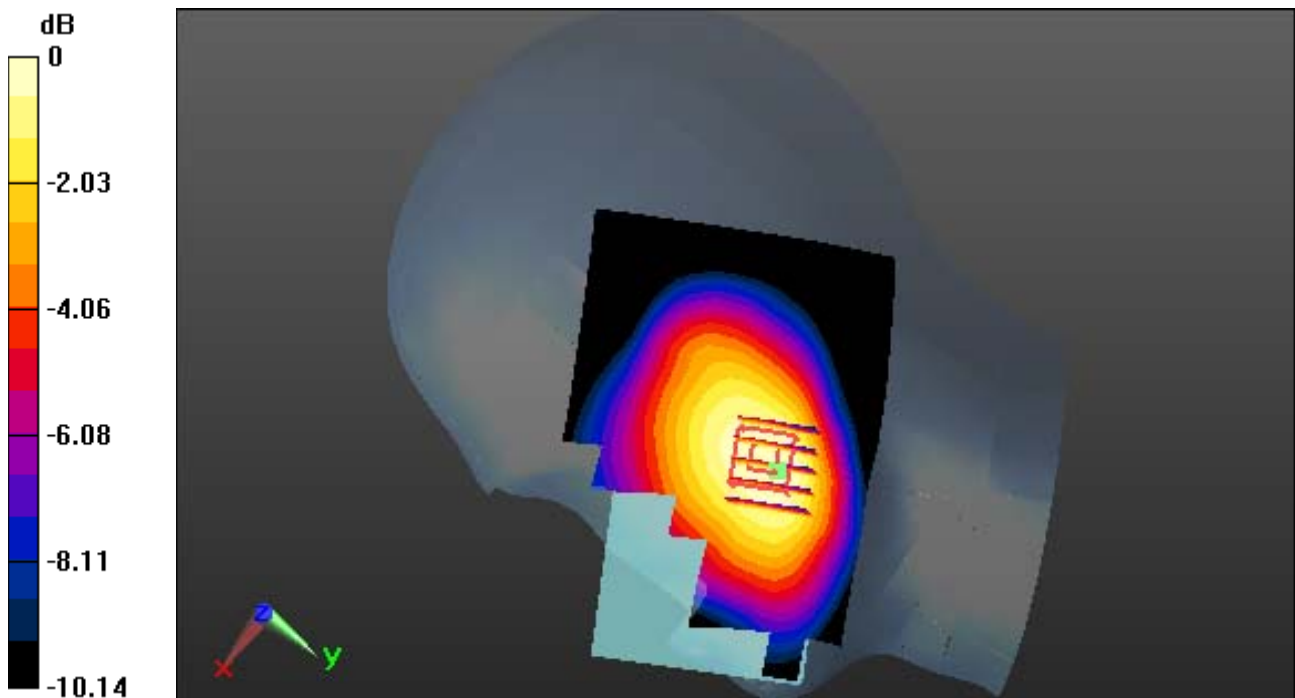
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

## **Right Touch, CDMA850 Ch. 384, Ant Internal, Standard Battery**

**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 = 0.15 dB  
Peak SAR (extrapolated) = 0.241 W/kg  
**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.151 W/kg**



0 dB = 0.218 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA850 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

**Right Touch, CDMA850 Ch. 384, Ant Internal, Standard Battery**

**With Enlarge plot image**

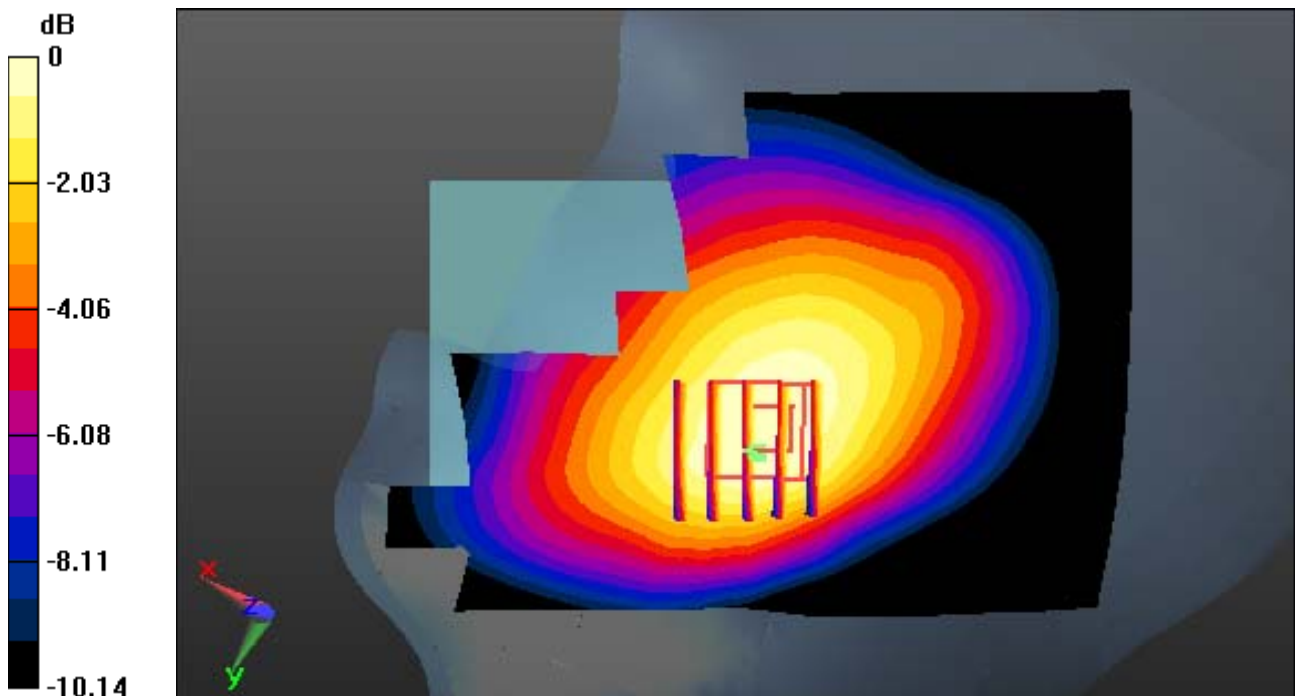
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.241 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.151 W/kg**



0 dB = 0.218 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA850 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

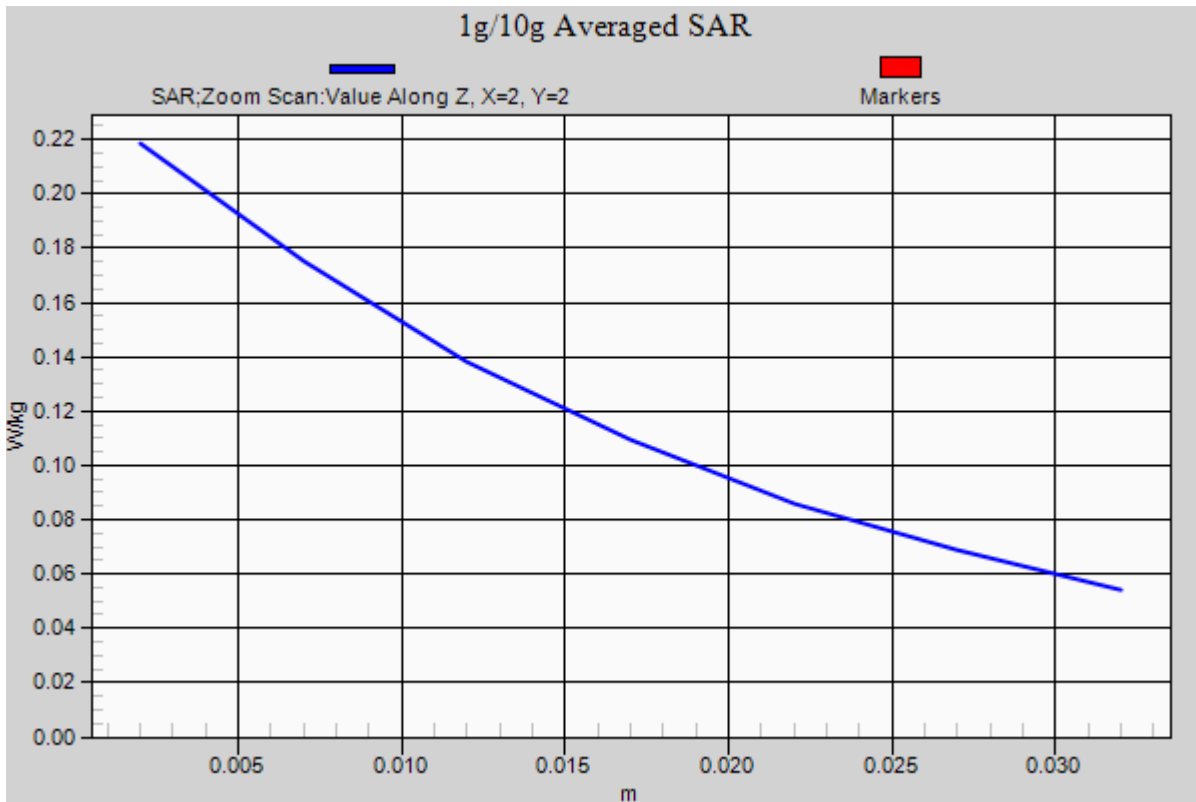
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

## **Right Touch, CDMA850 Ch. 384, Ant Internal, Standard Battery**

**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 = 0.15 dB  
Peak SAR (extrapolated) = 0.241 W/kg  
**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.151 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 40.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

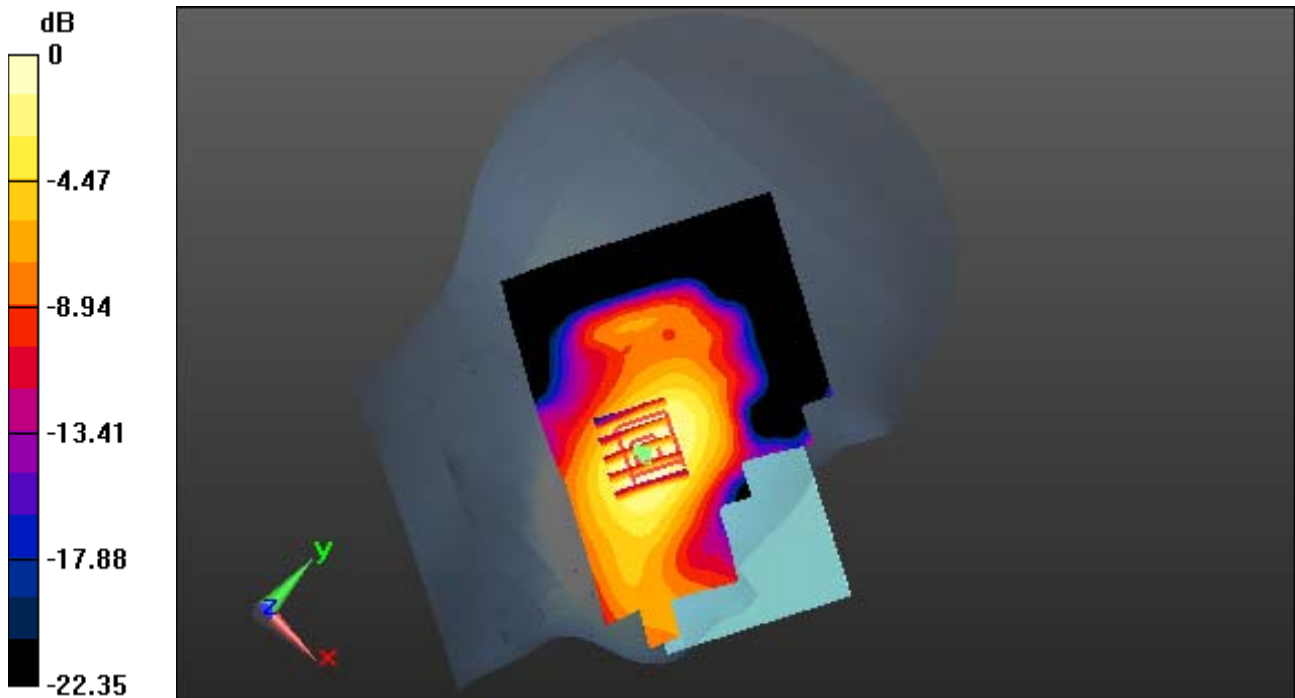
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**Left Touch, CDMA1900 Ch. 600, Ant Internal, Standard Battery**

**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) = 0.147 W/kg  
**SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.061 W/kg**



0 dB = 0.117 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 40.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**Left Touch, CDMA1900 Ch. 600, Ant Internal, Standard Battery**

**With Enlarge plot image**

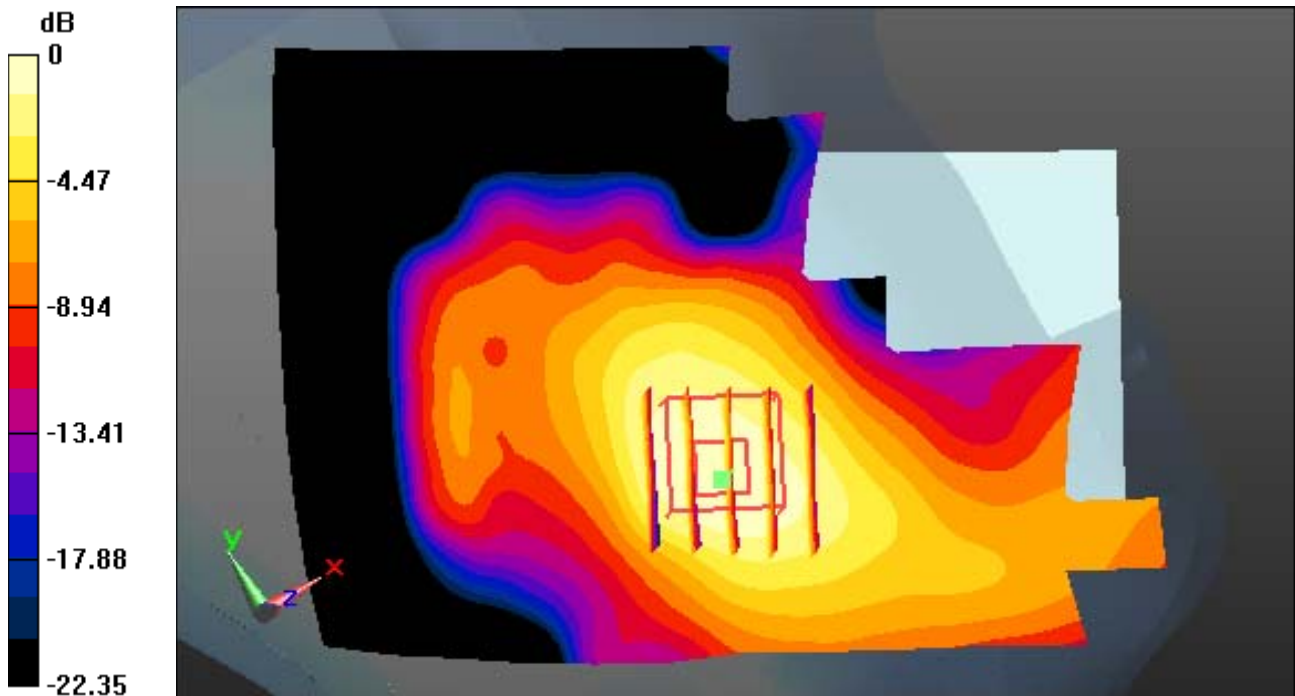
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.061 W/kg**



0 dB = 0.117 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 40.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**Left Touch, CDMA1900 Ch. 600, Ant Internal, Standard Battery**

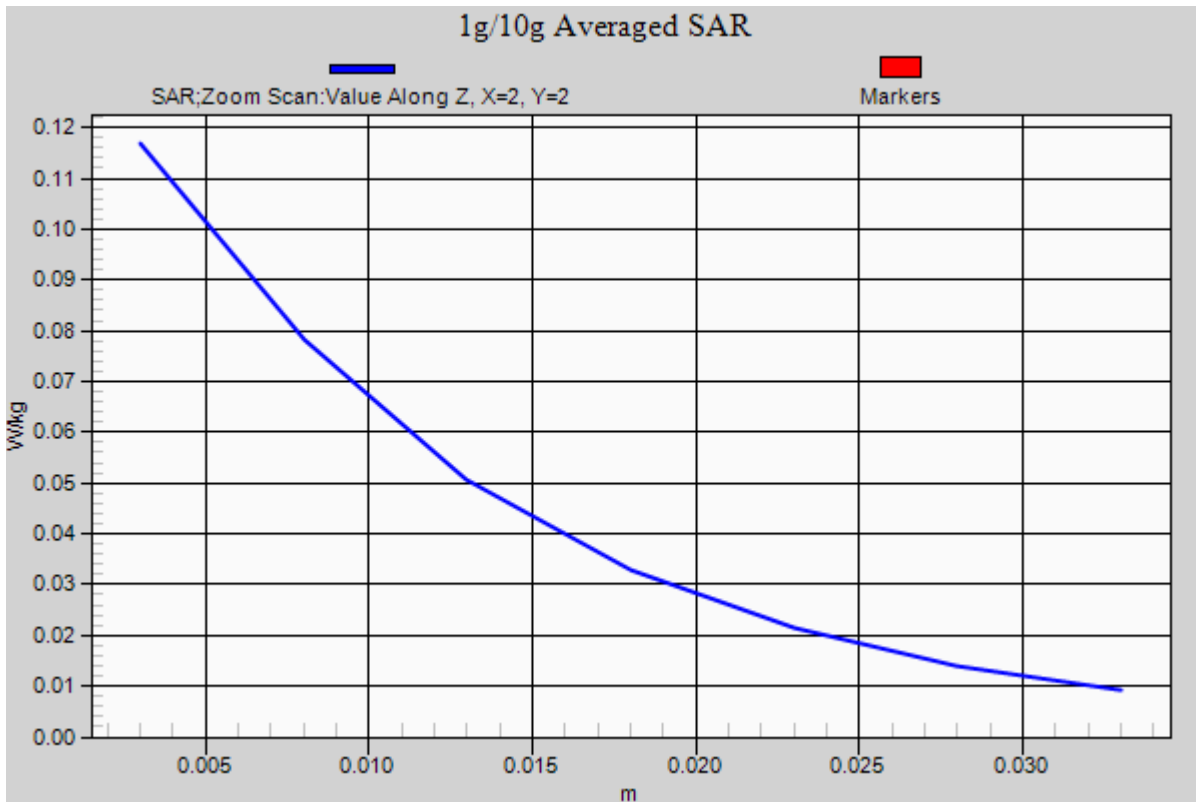
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.061 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850\_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 42.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

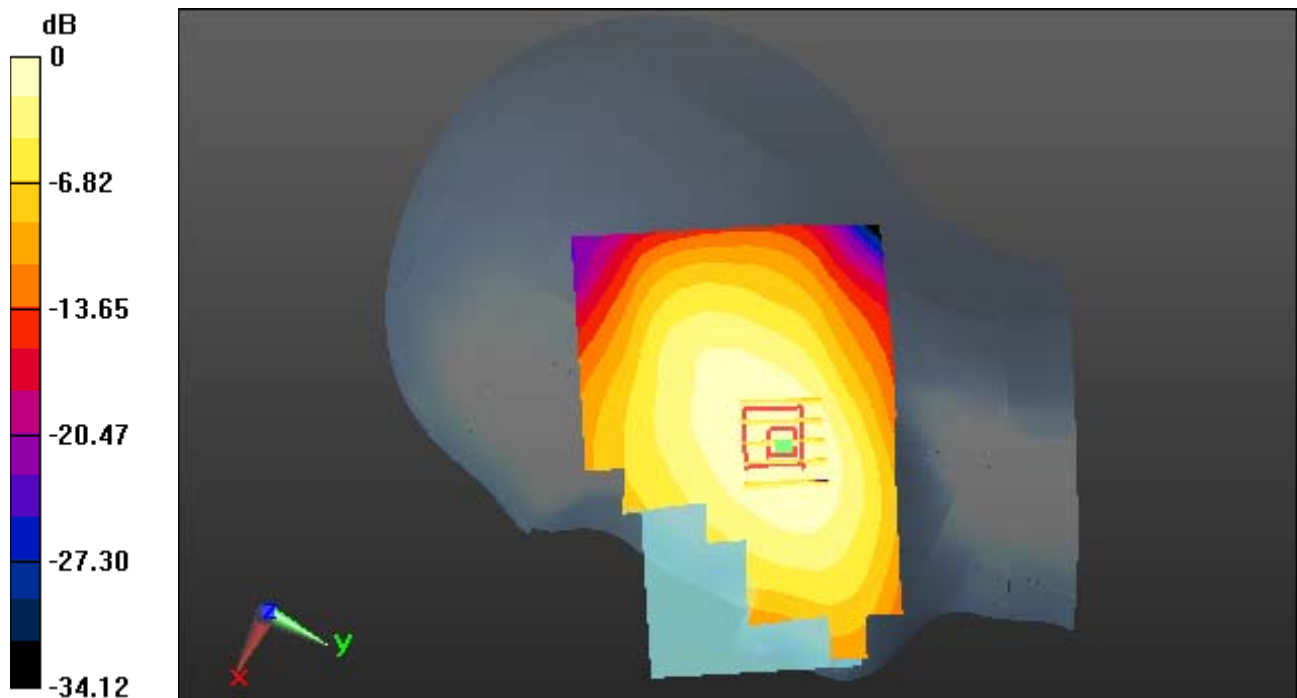
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg**



0 dB = 0.296 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850\_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 42.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

**With Enlarge plot image**

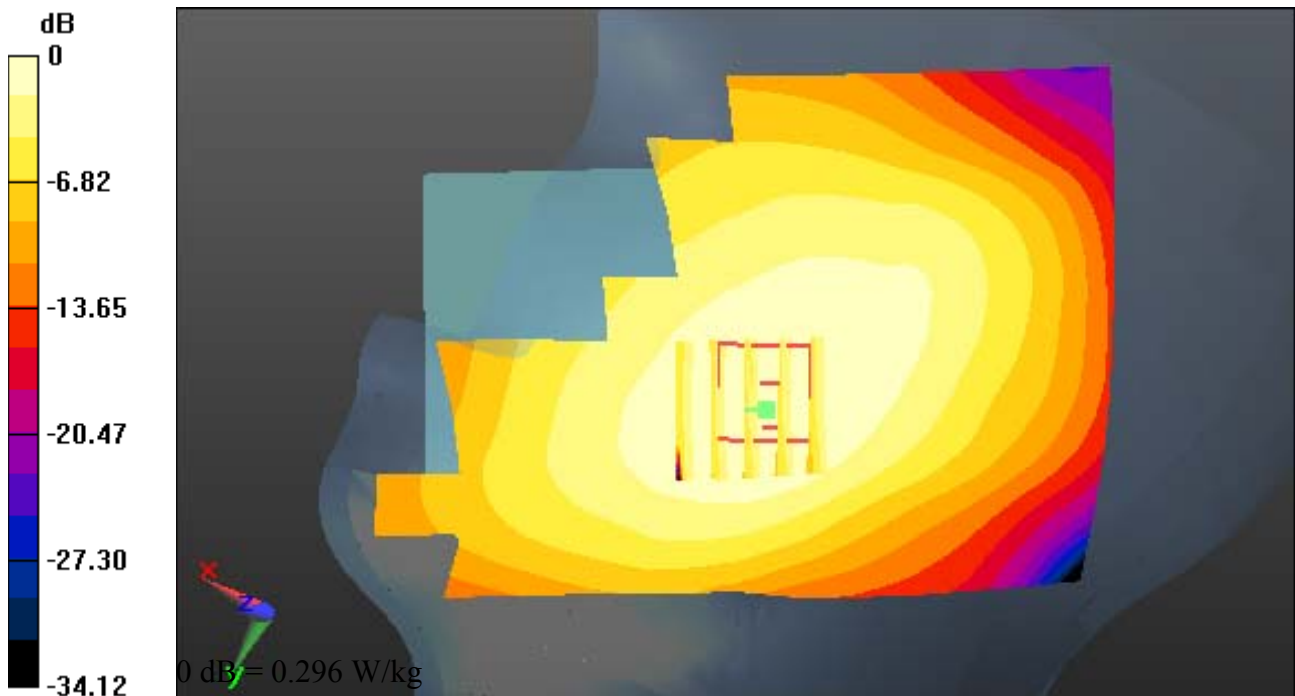
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850\_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 42.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

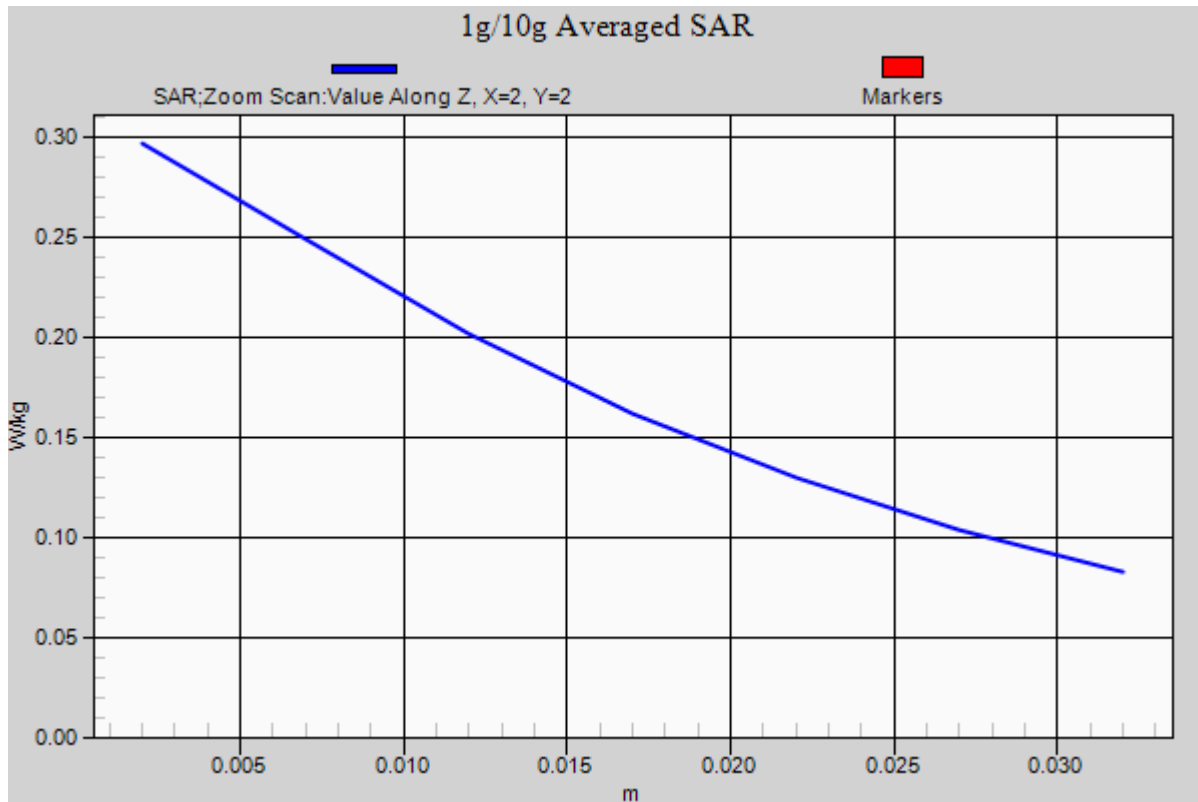
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.207 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 40.051$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**Left Touch, GSM1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery**

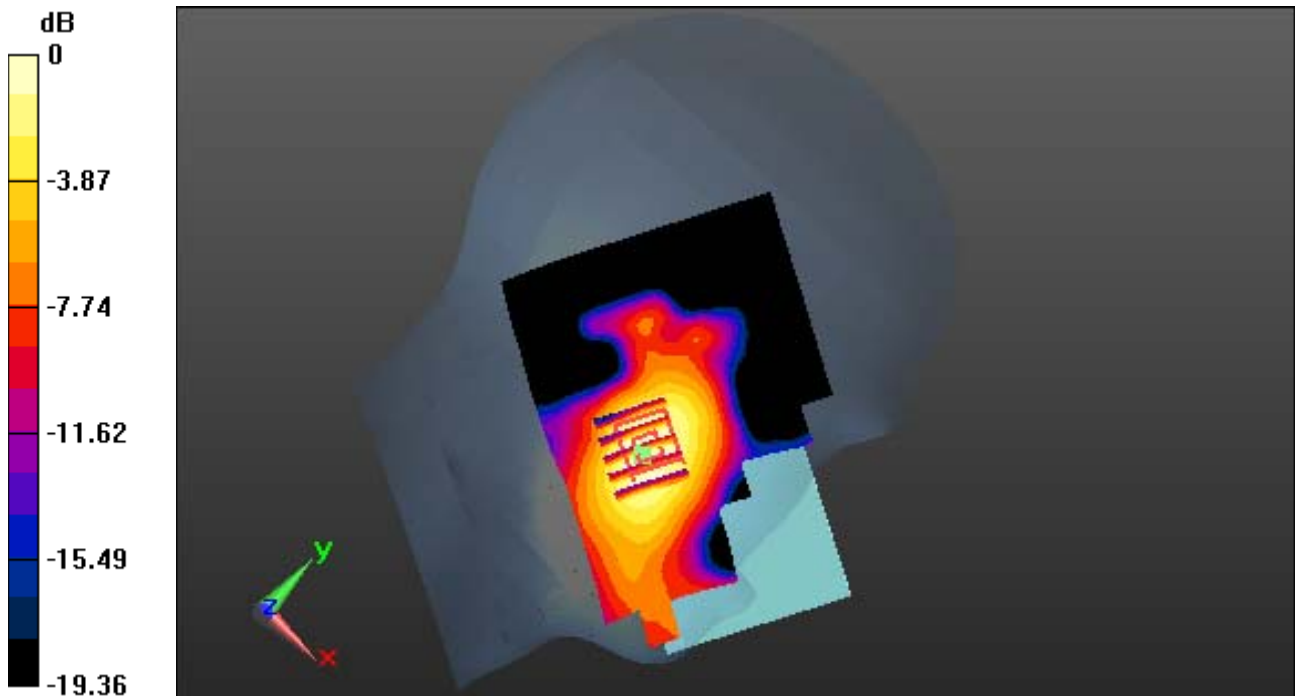
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg**



0 dB = 0.0869 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 40.051$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**Left Touch, GSM1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery**

**With Enlarge plot image**

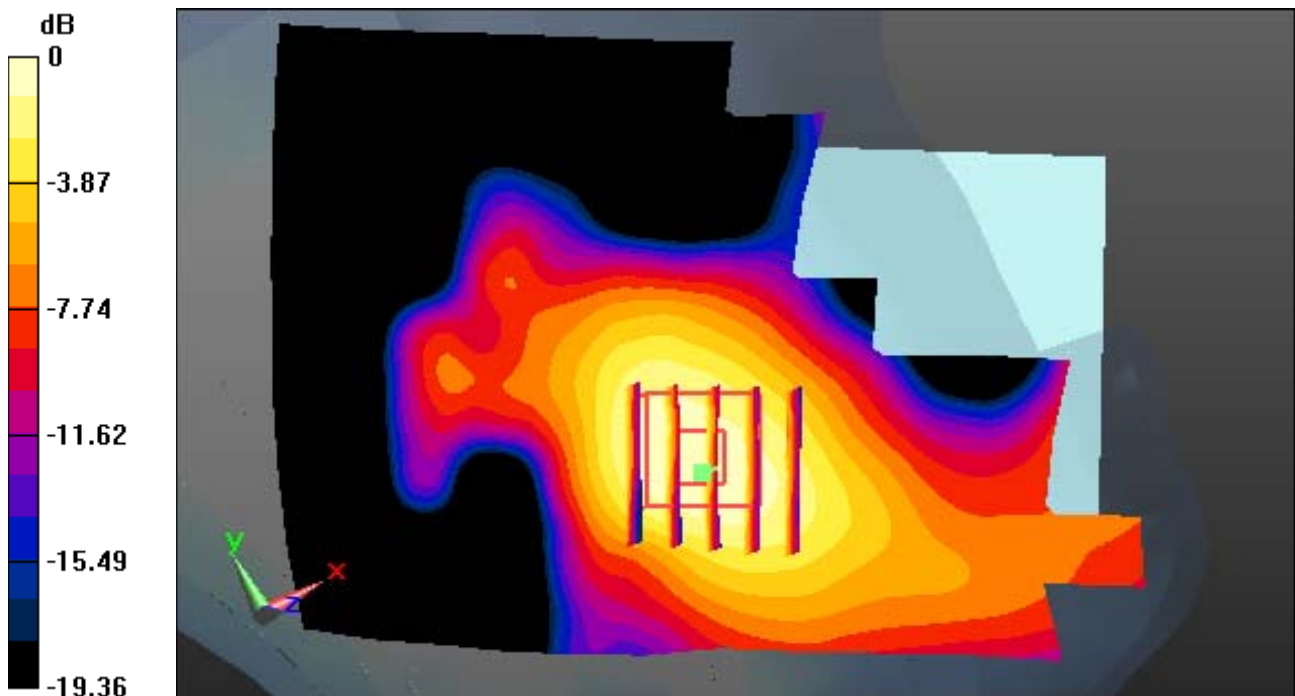
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg**



0 dB = 0.0869 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.399$  S/m;  $\epsilon_r = 40.051$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**Left Touch, GSM1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery**

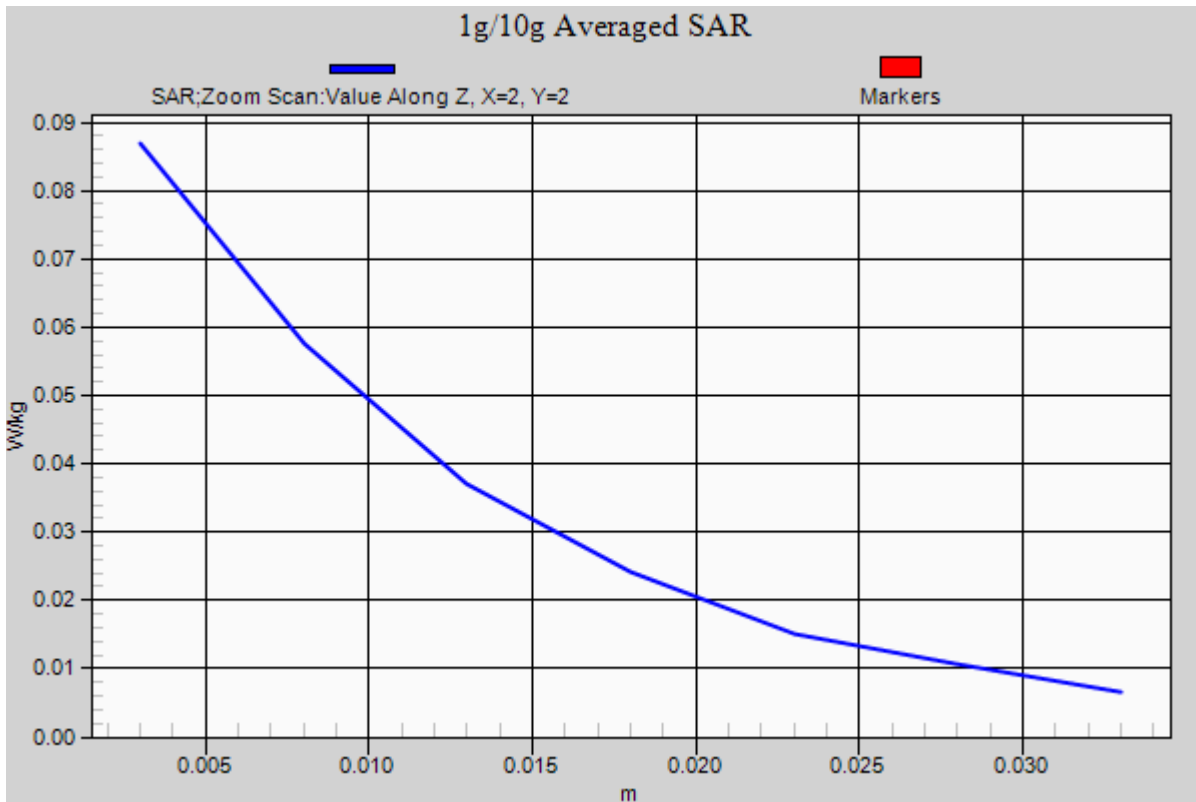
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.113 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.045 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 42.605$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

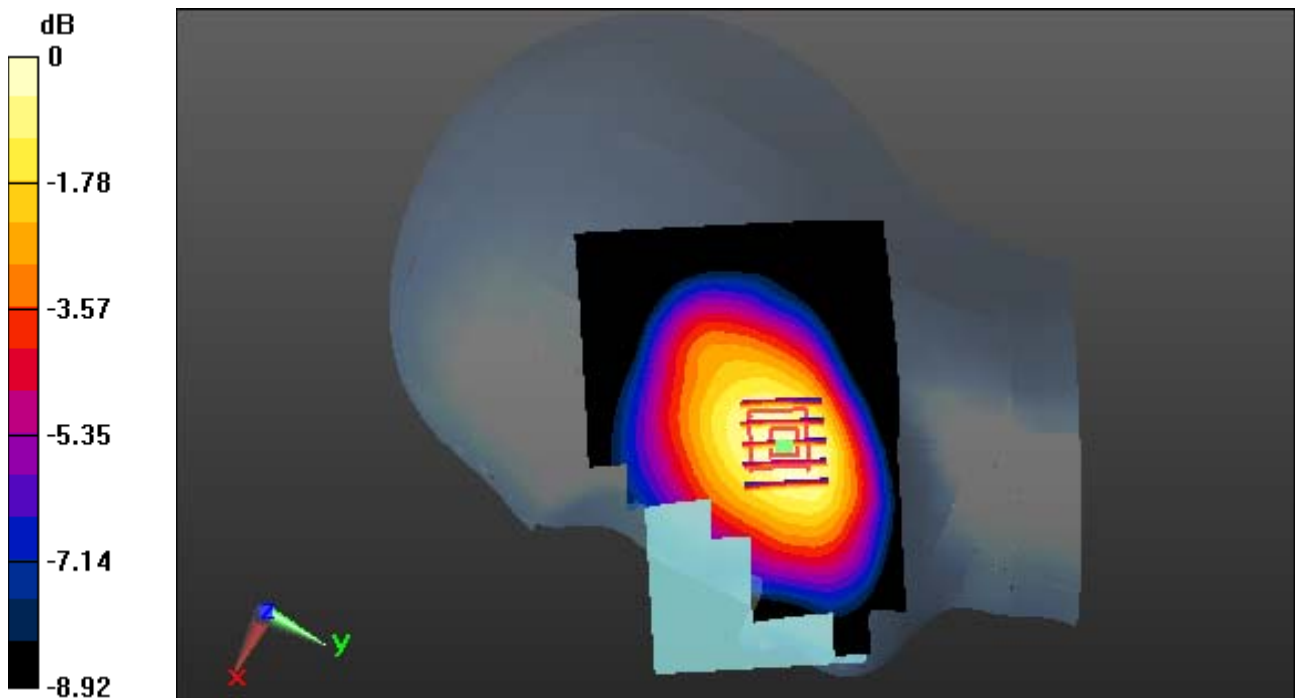
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.141 W/kg**



0 dB = 0.205 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 42.605$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

**With Enlarge plot image**

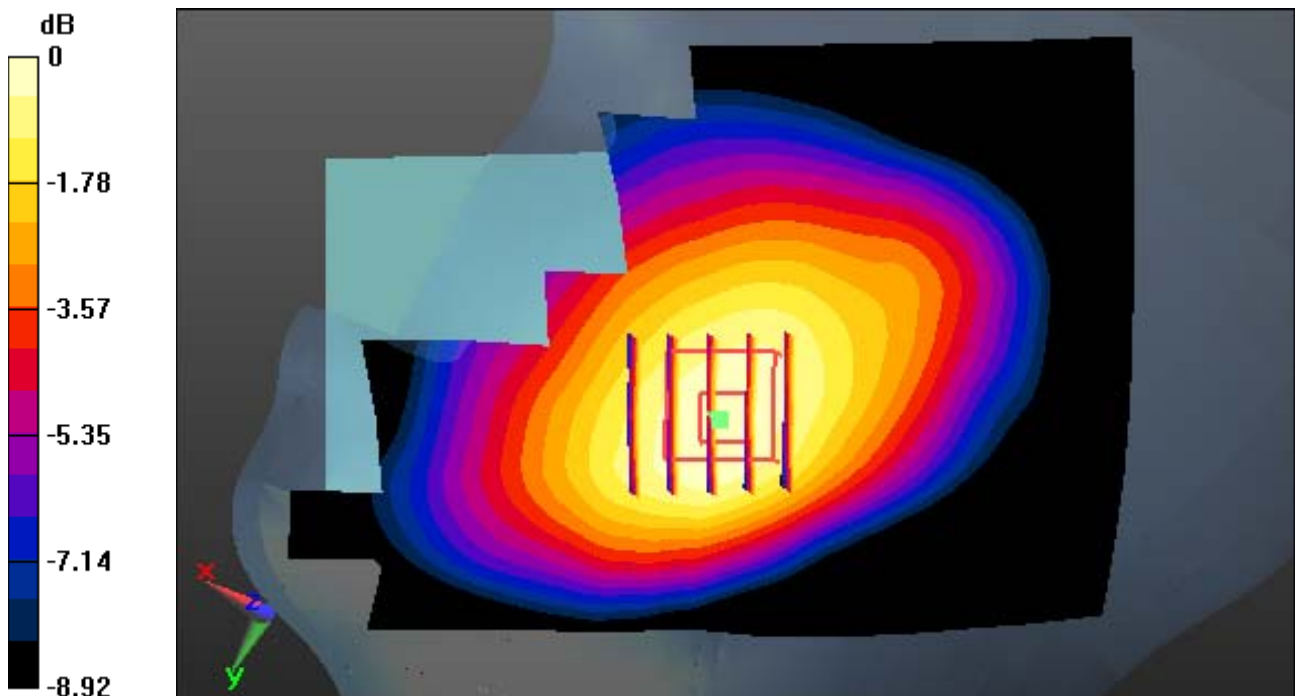
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.141 W/kg**



0 dB = 0.205 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 42.605$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

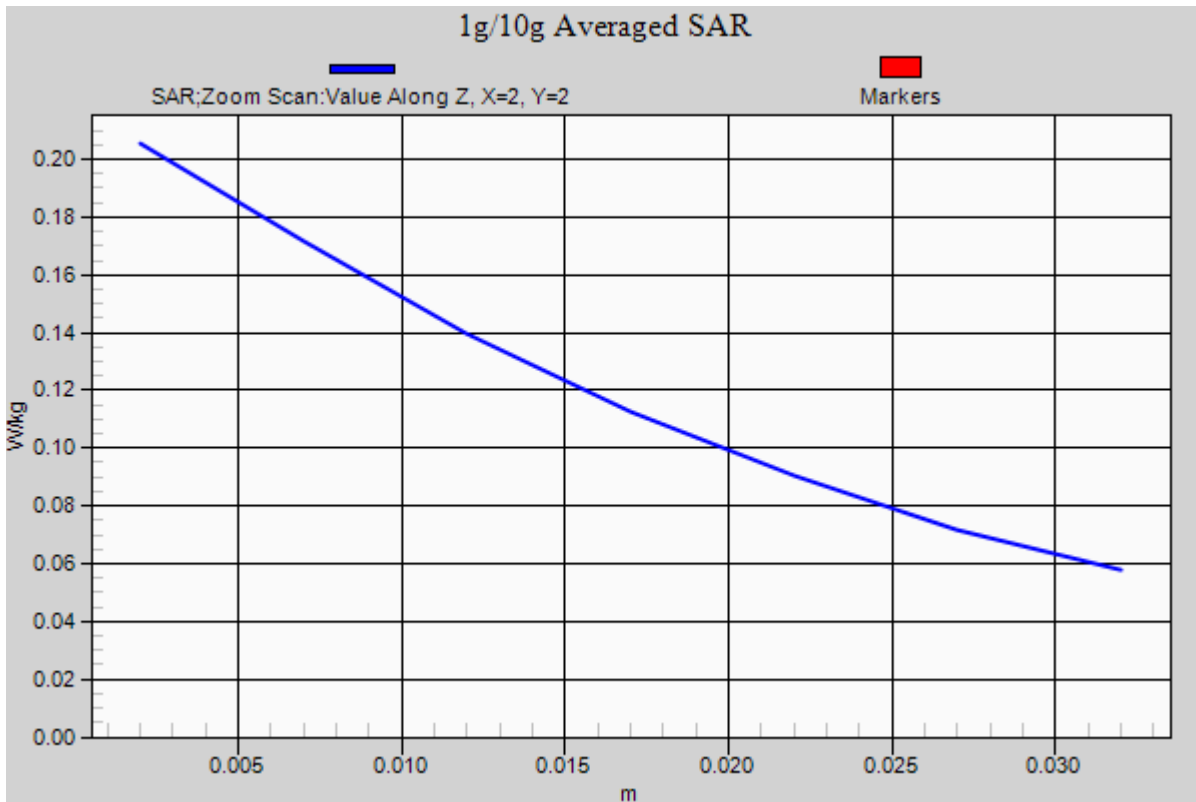
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.141 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  S/m;  $\epsilon_r = 40.254$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

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

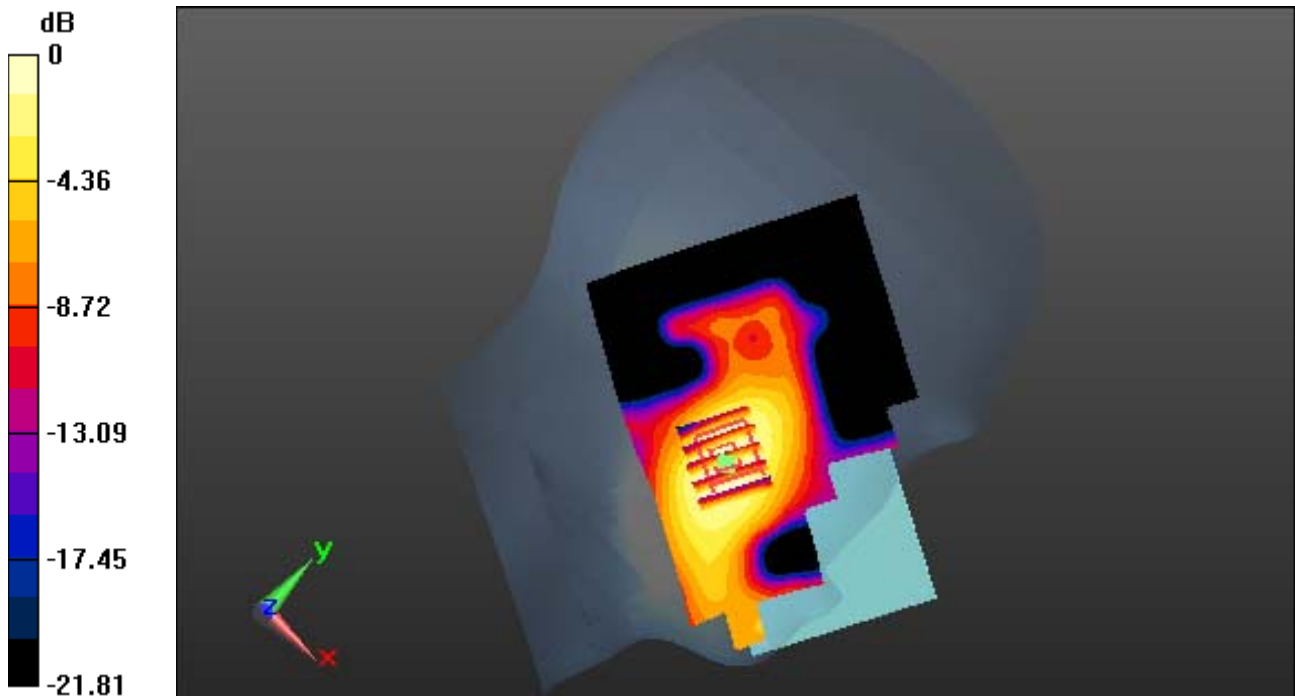
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg**



0 dB = 0.0791 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  S/m;  $\epsilon_r = 40.254$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

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

**With Enlarge plot image**

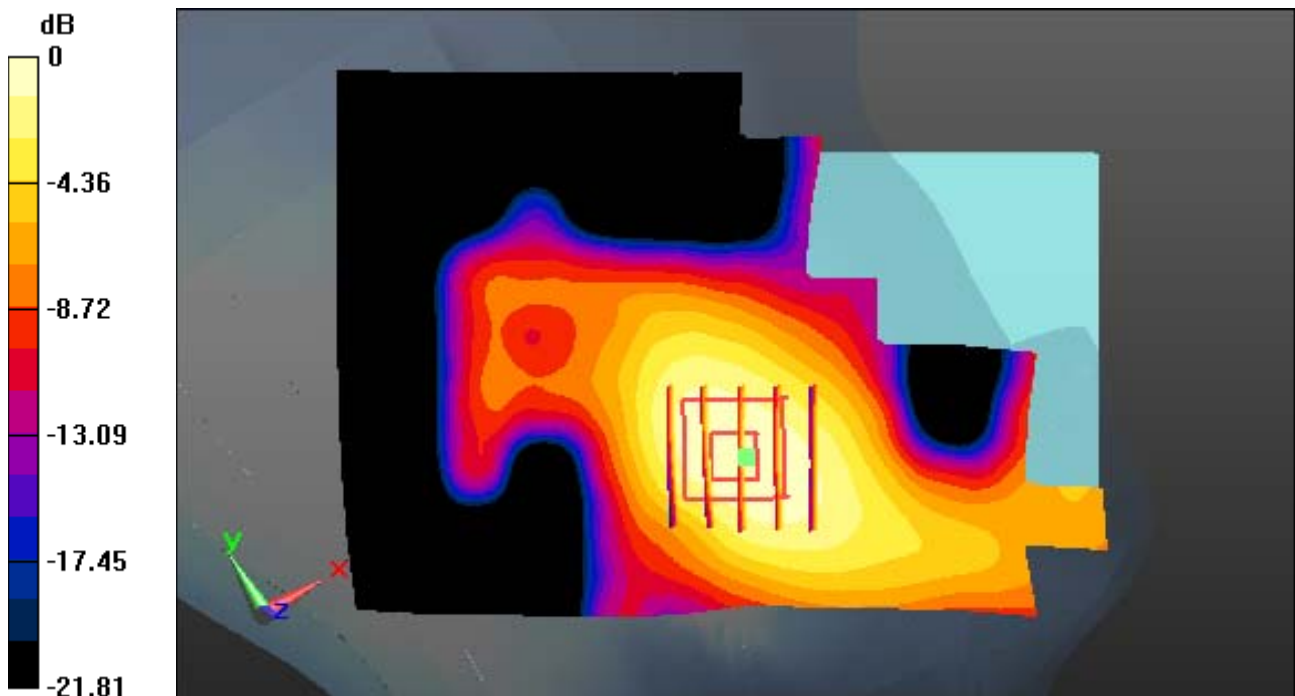
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg**



0 dB = 0.0791 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  S/m;  $\epsilon_r = 40.254$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

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

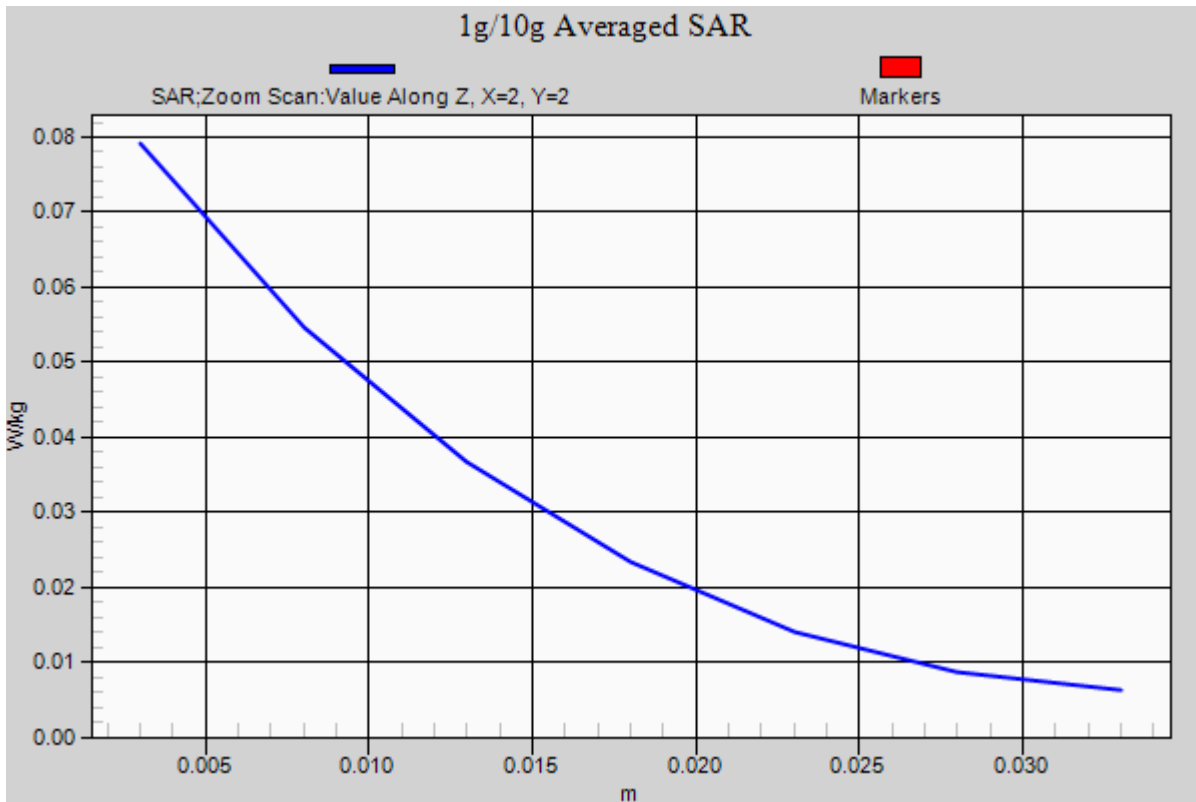
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.041 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 42.852$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); 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: 2015-09-09; Ambient Temp: 22.2; Tissue Temp: 22.5

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

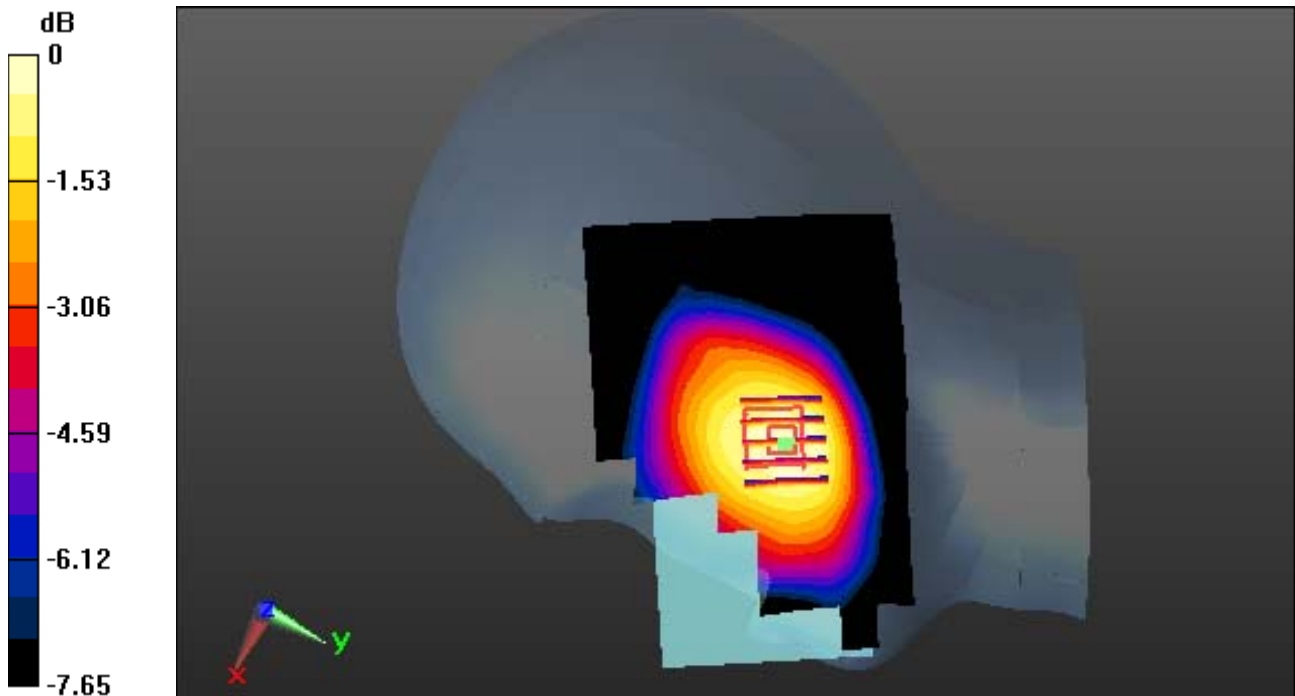
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.081 W/kg**



0 dB = 0.112 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 42.852$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); 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: 2015-09-09; Ambient Temp: 22.2; Tissue Temp: 22.5

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

**With Enlarge plot image**

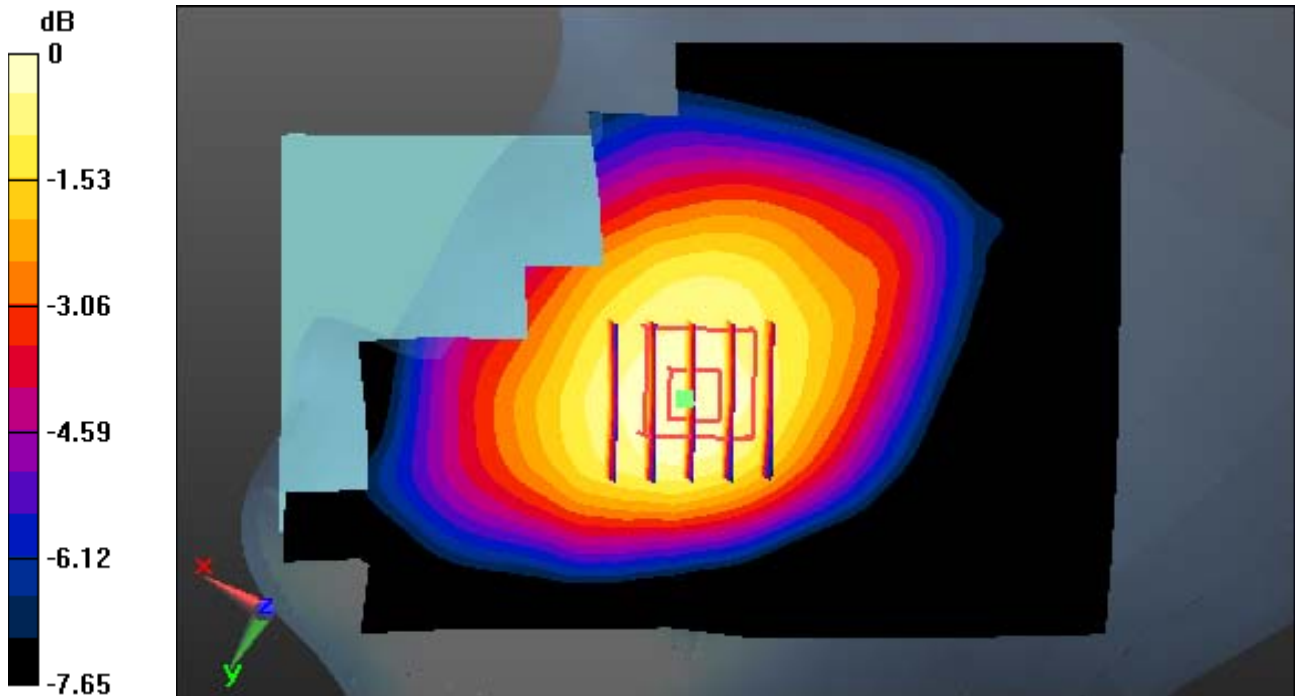
**Area Scan (81x131x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.081 W/kg**



0 dB = 0.112 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.881$  S/m;  $\epsilon_r = 42.852$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.54, 9.54, 9.54); 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: 2015-09-09; Ambient Temp: 22.2; Tissue Temp: 22.5

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

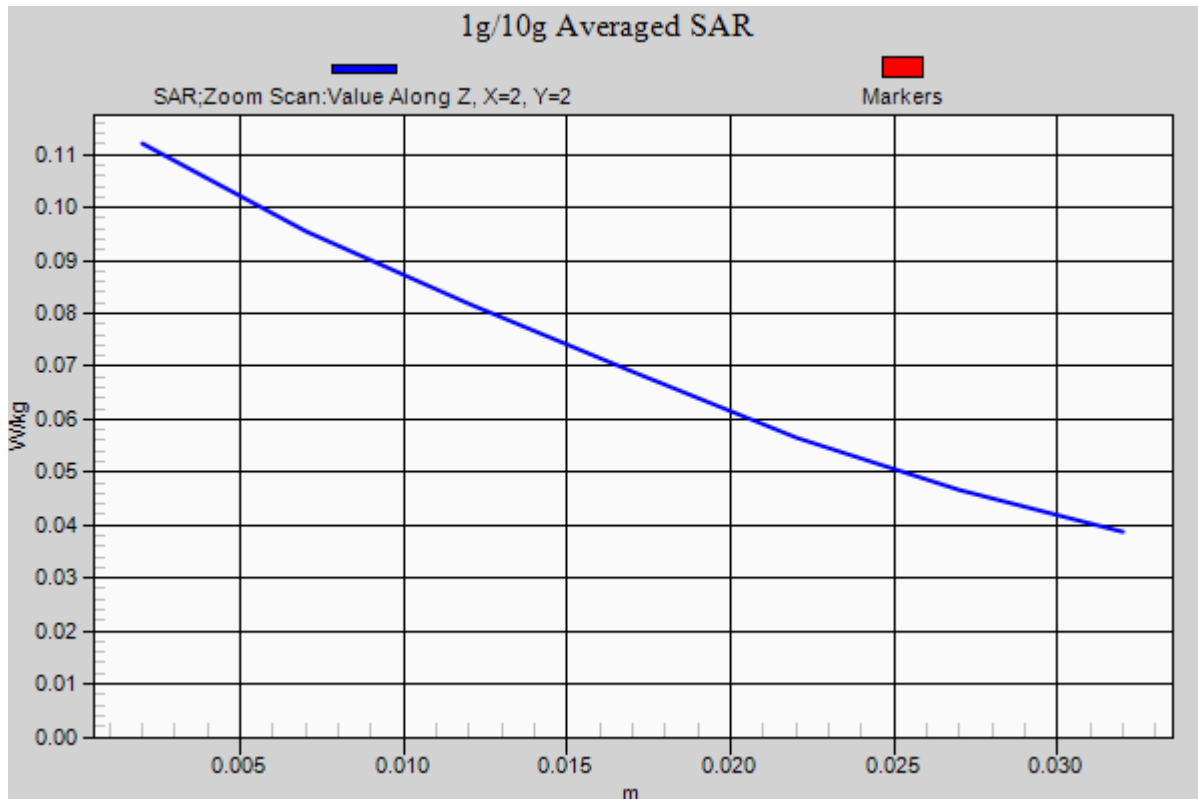
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.081 W/kg**





# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.327$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-09-08; Ambient Temp: 21.9; Tissue Temp: 22.3

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

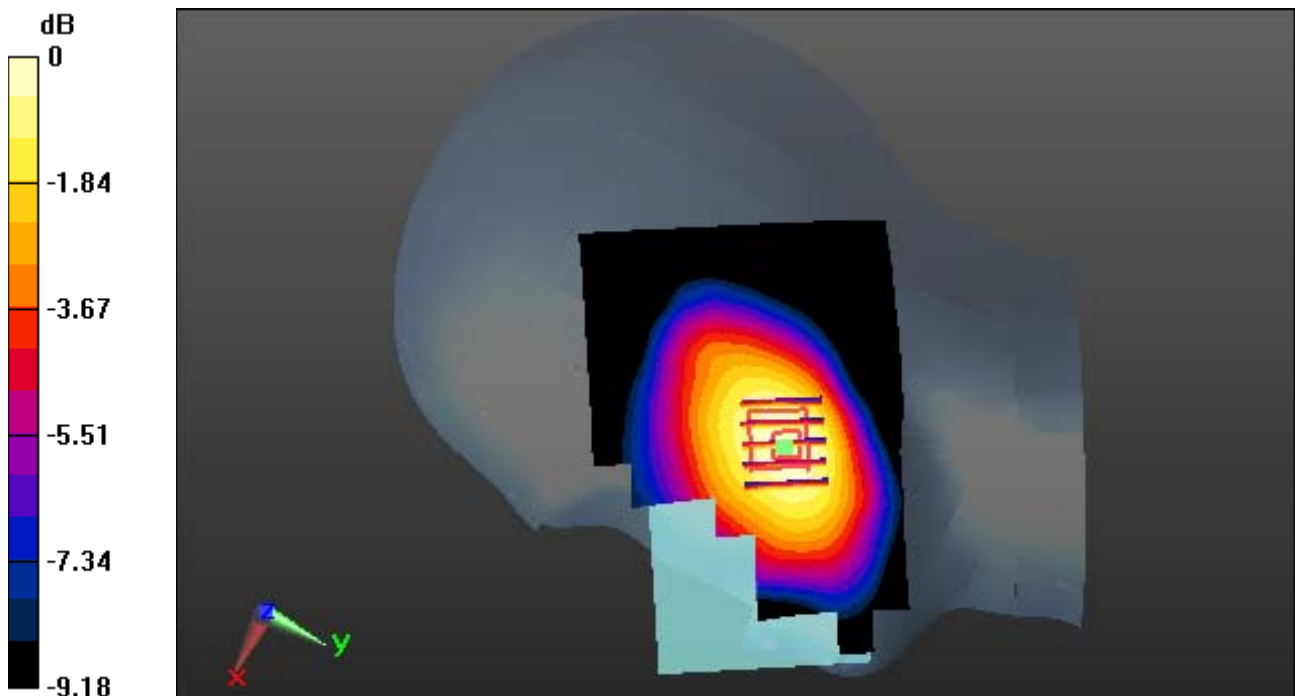
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg**



0 dB = 0.134 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.327$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-09-08; Ambient Temp: 21.9; Tissue Temp: 22.3

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

**With Enlarge plot image**

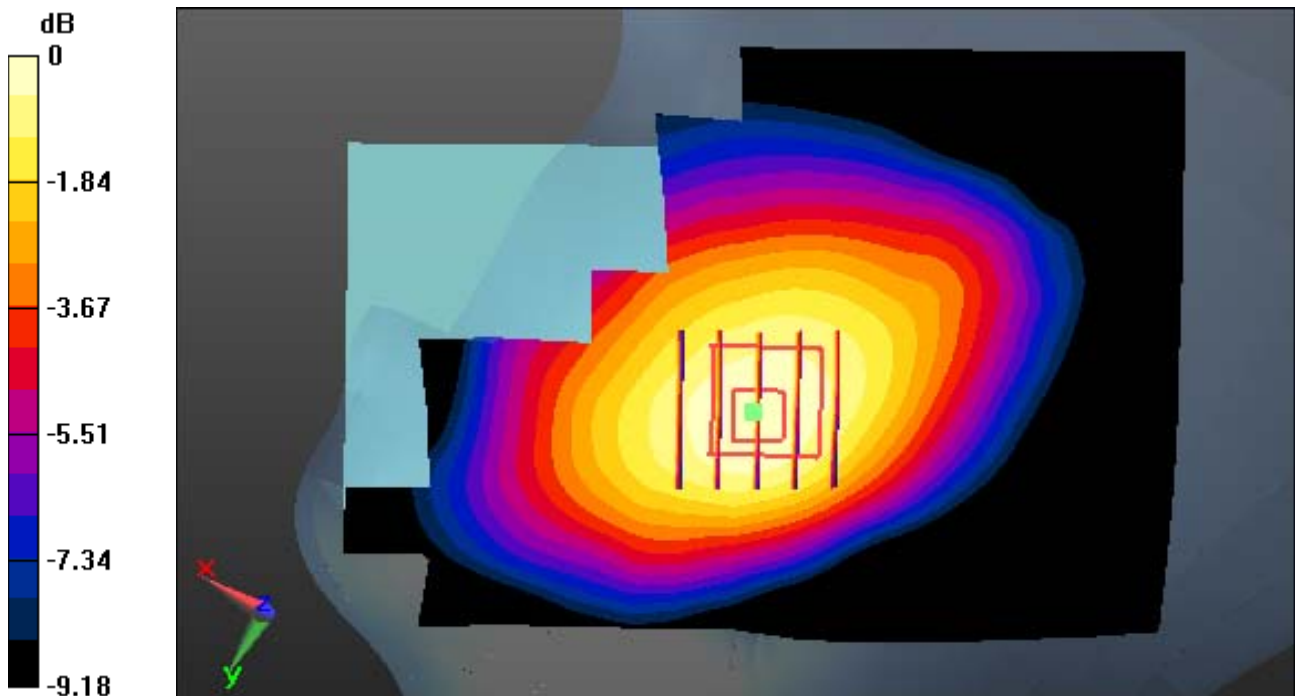
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg**



0 dB = 0.134 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.327$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.09, 9.09, 9.09); 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: 2015-09-08; Ambient Temp: 21.9; Tissue Temp: 22.3

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

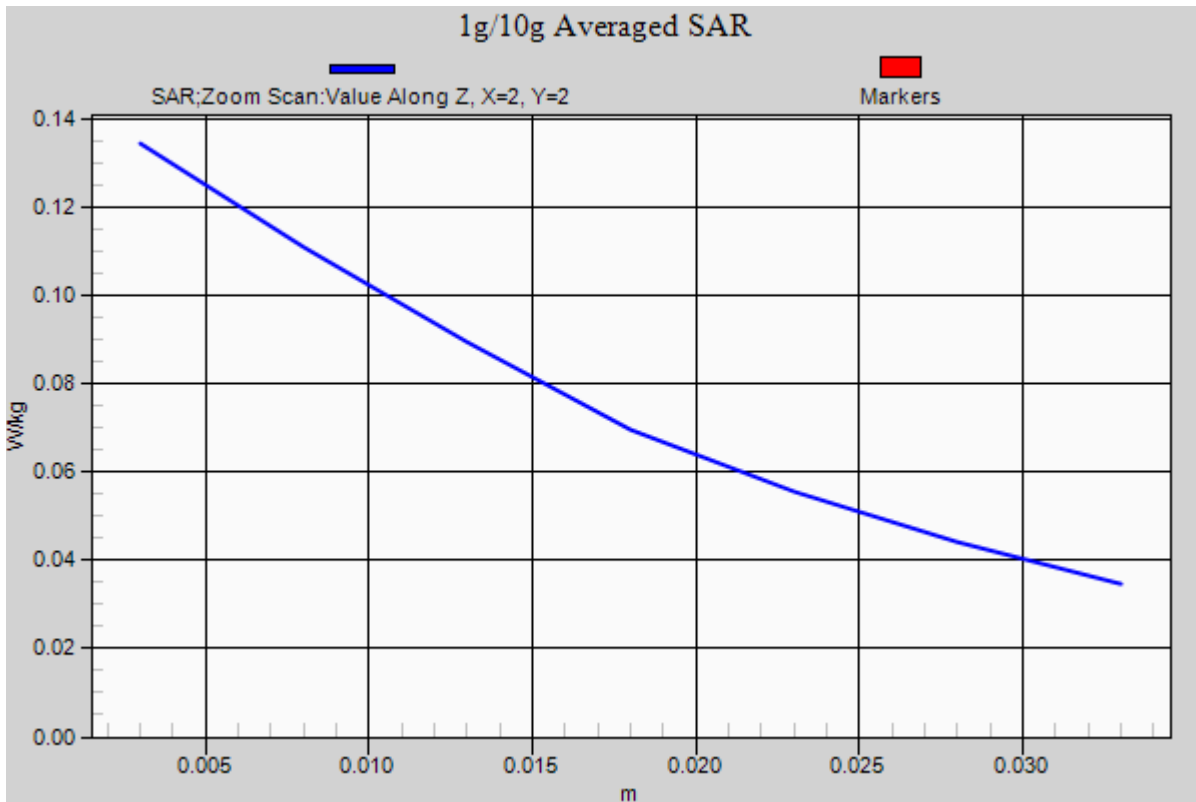
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.094 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); 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: 2015-09-07; Ambient Temp: 22.3; Tissue Temp: 22.6

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

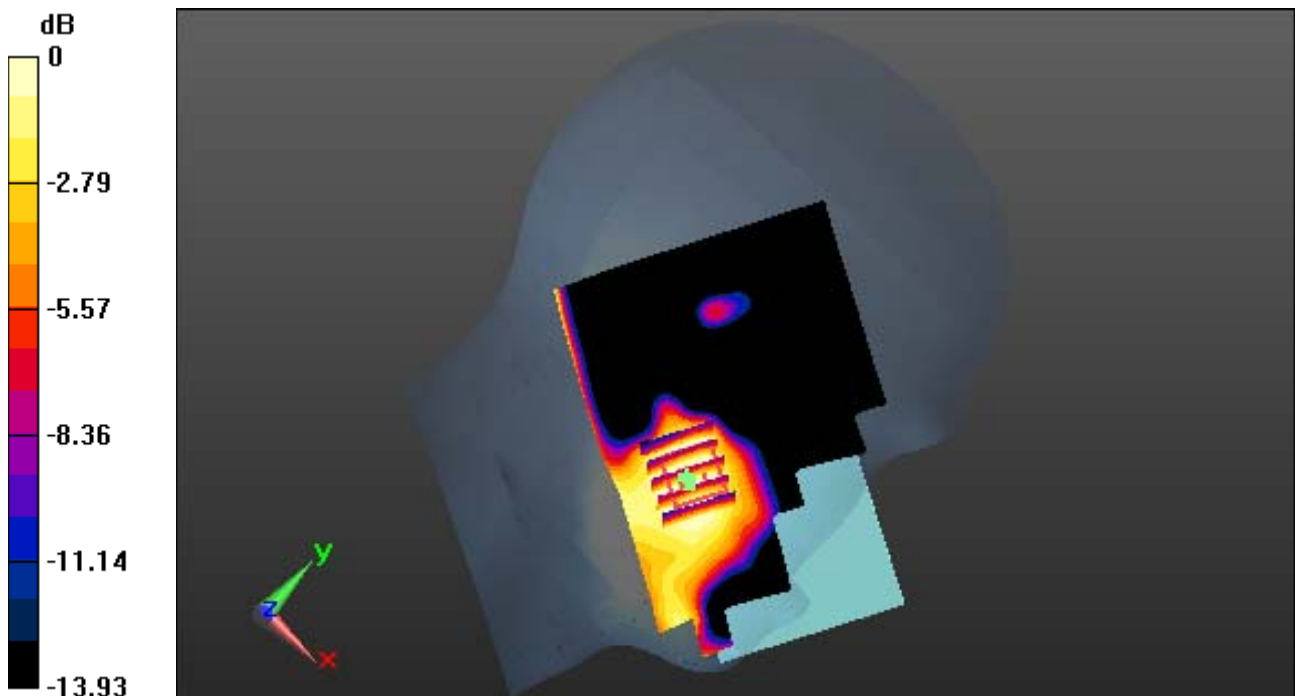
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg**



0 dB = 0.0265 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); 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: 2015-09-07; Ambient Temp: 22.3; Tissue Temp: 22.6

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

**With Enlarge plot image**

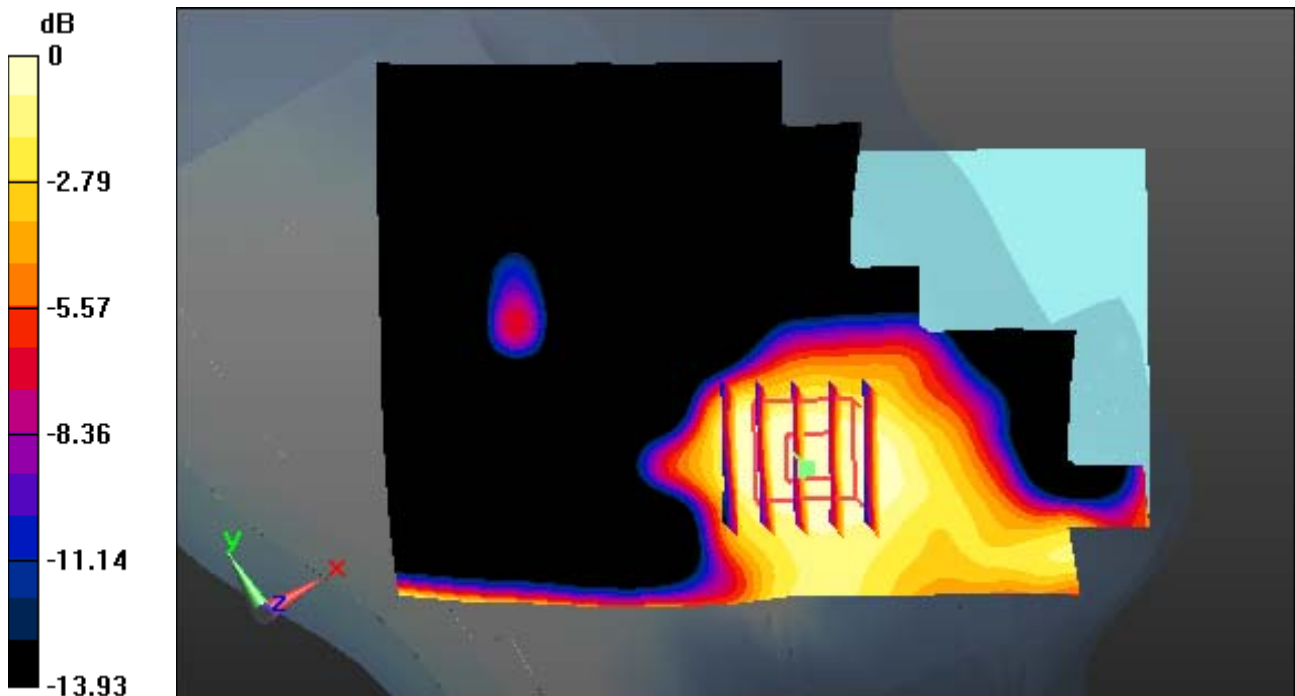
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg**



0 dB = 0.0265 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 39.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.84, 7.84, 7.84); 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: 2015-09-07; Ambient Temp: 22.3; Tissue Temp: 22.6

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

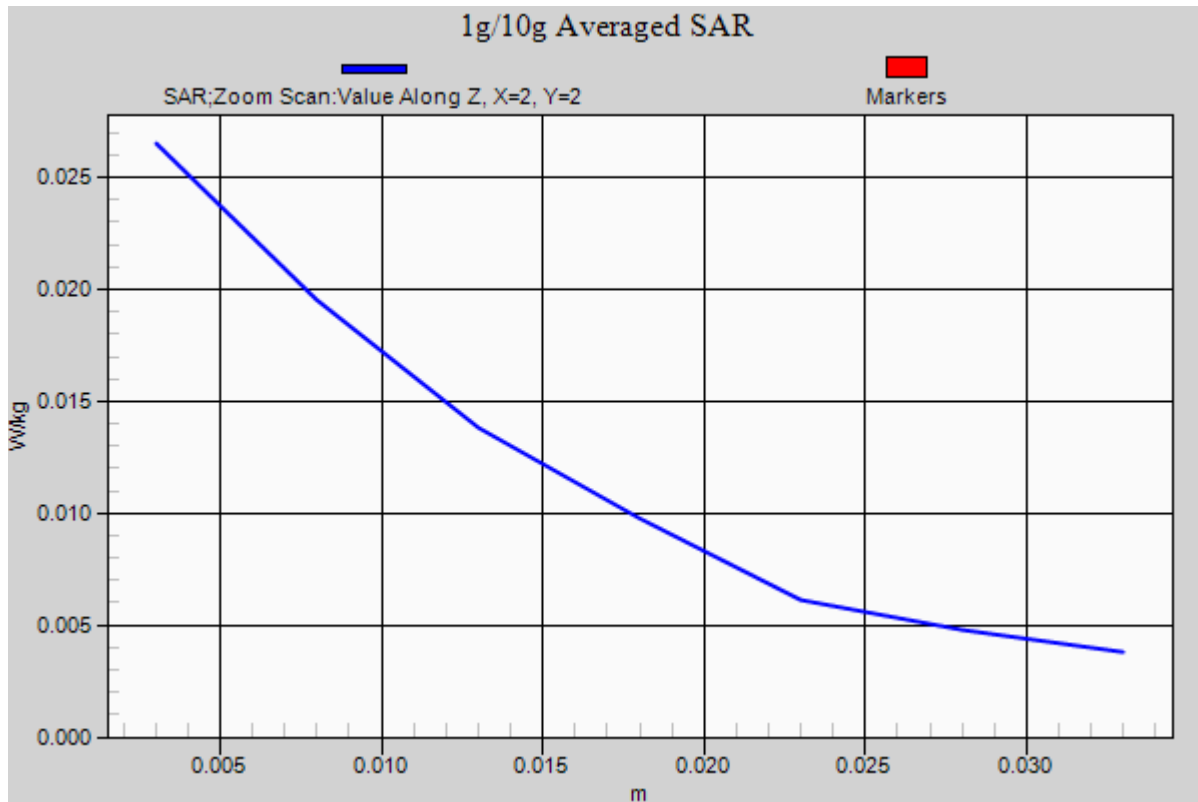
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.015 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 39.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-04; Ambient Temp: 21.7; Tissue Temp: 22.1

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

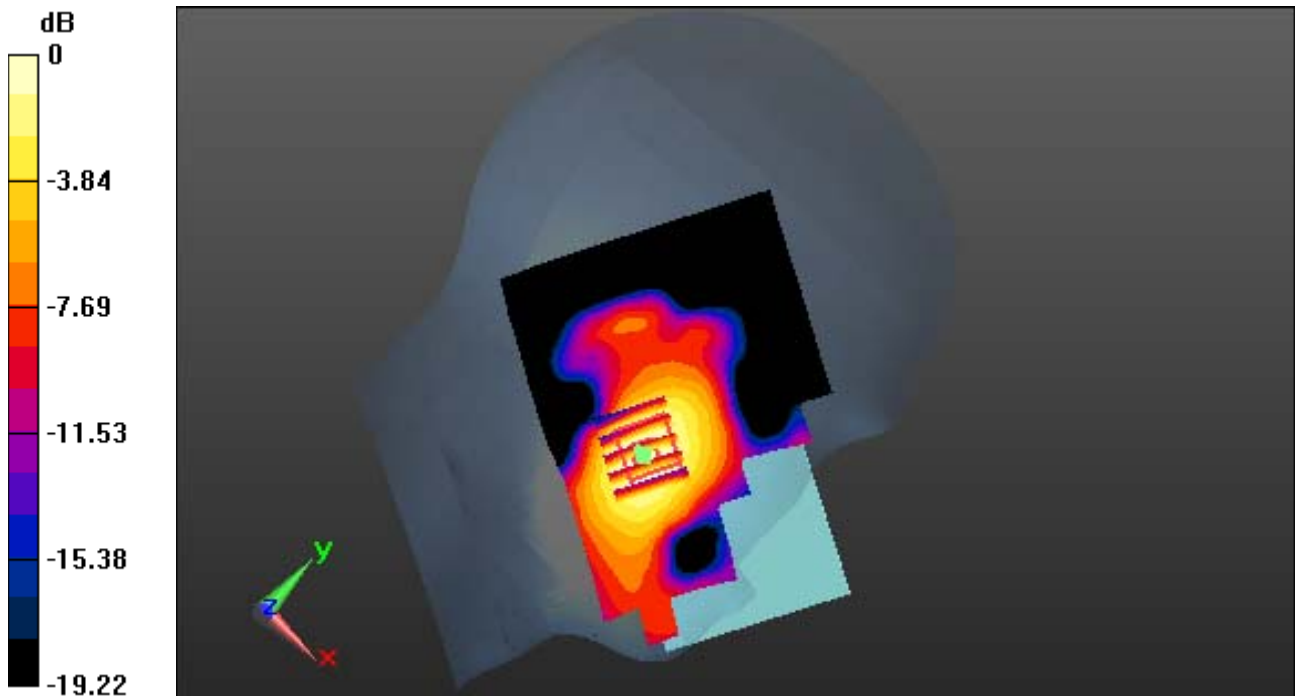
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.063 W/kg**



0 dB = 0.121 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 39.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-04; Ambient Temp: 21.7; Tissue Temp: 22.1

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

**With Enlarge plot image**

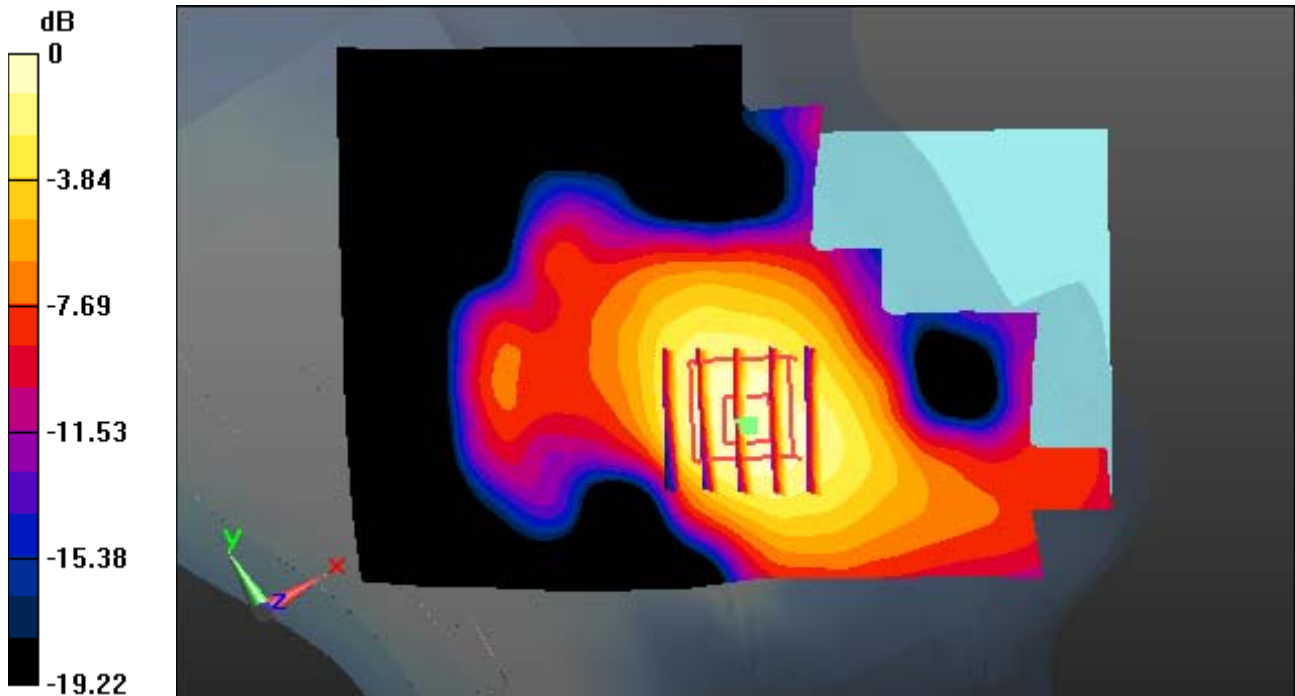
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.063 W/kg**



0 dB = 0.121 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 39.372$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.58, 7.58, 7.58); 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: 2015-09-04; Ambient Temp: 21.7; Tissue Temp: 22.1

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

**Mode : BandWidth 10 MHz, QPSK, RB Size: 1, Offset: 0**

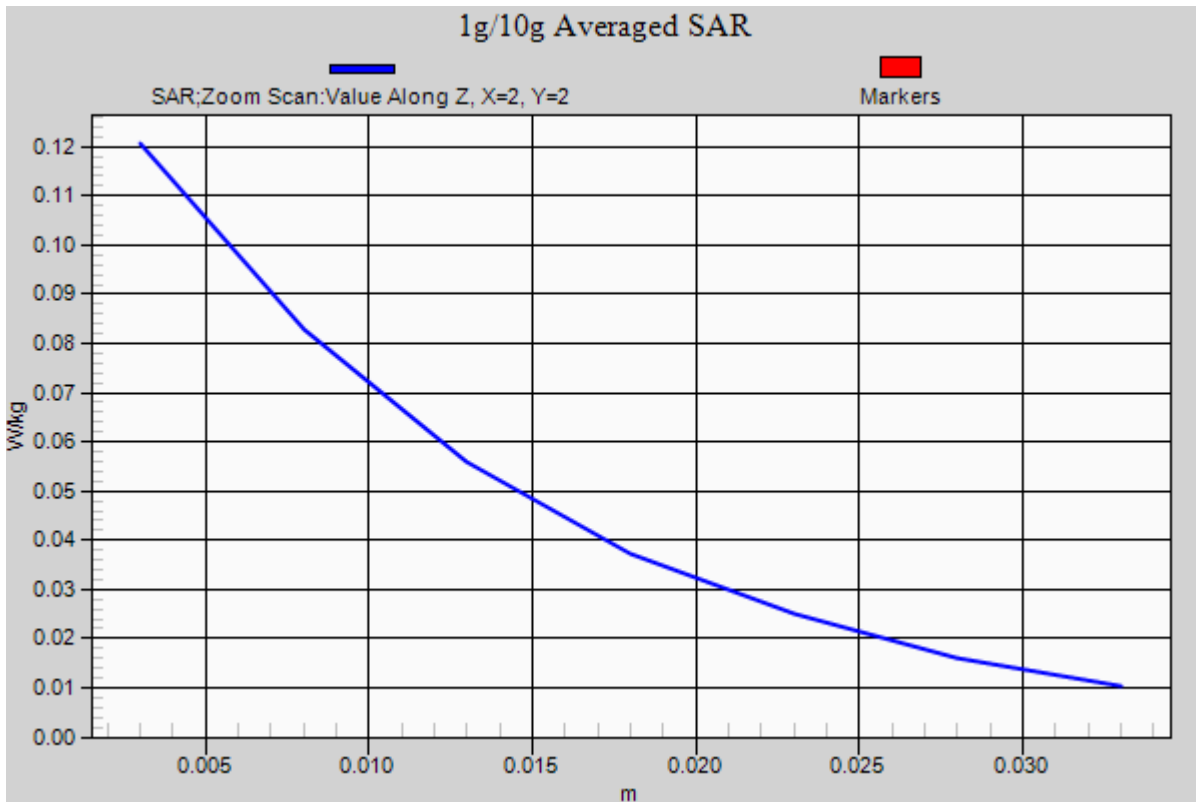
**Area Scan (81x131x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.063 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 39.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); 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: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

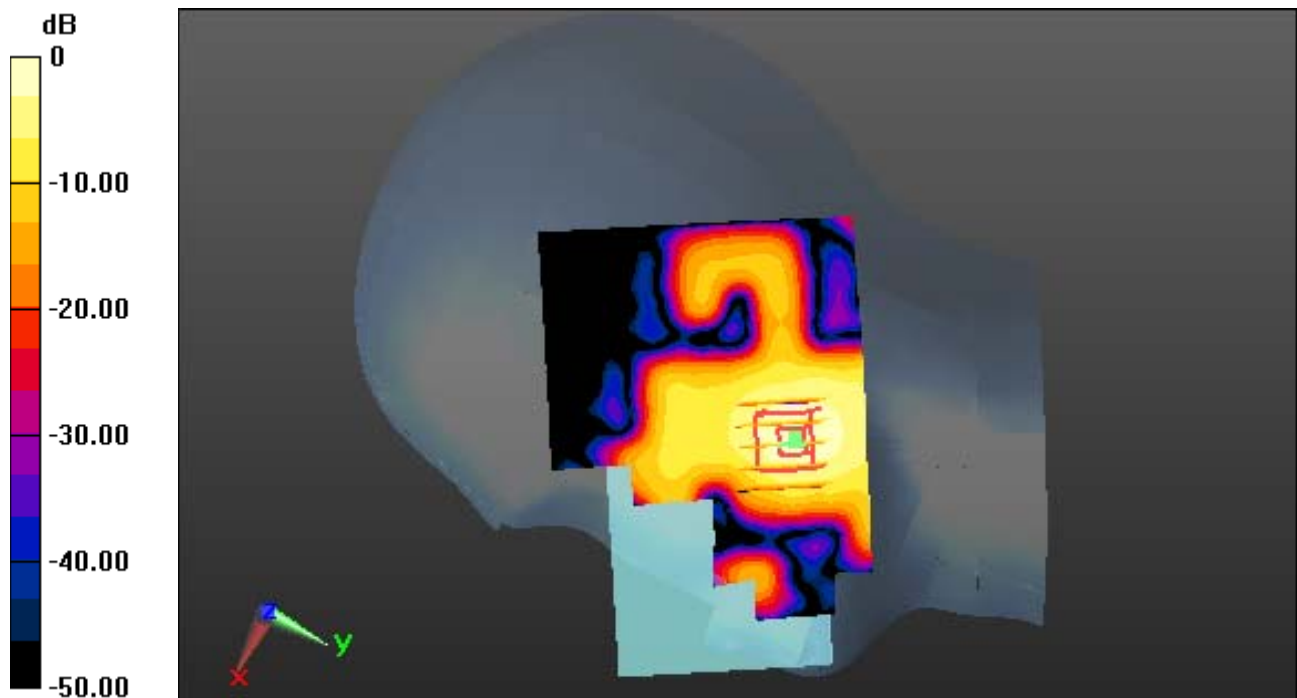
**Area Scan (81x131x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.169 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.049 W/kg**



0 dB = 0.133 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 39.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); 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: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

**With Enlarge plot image**

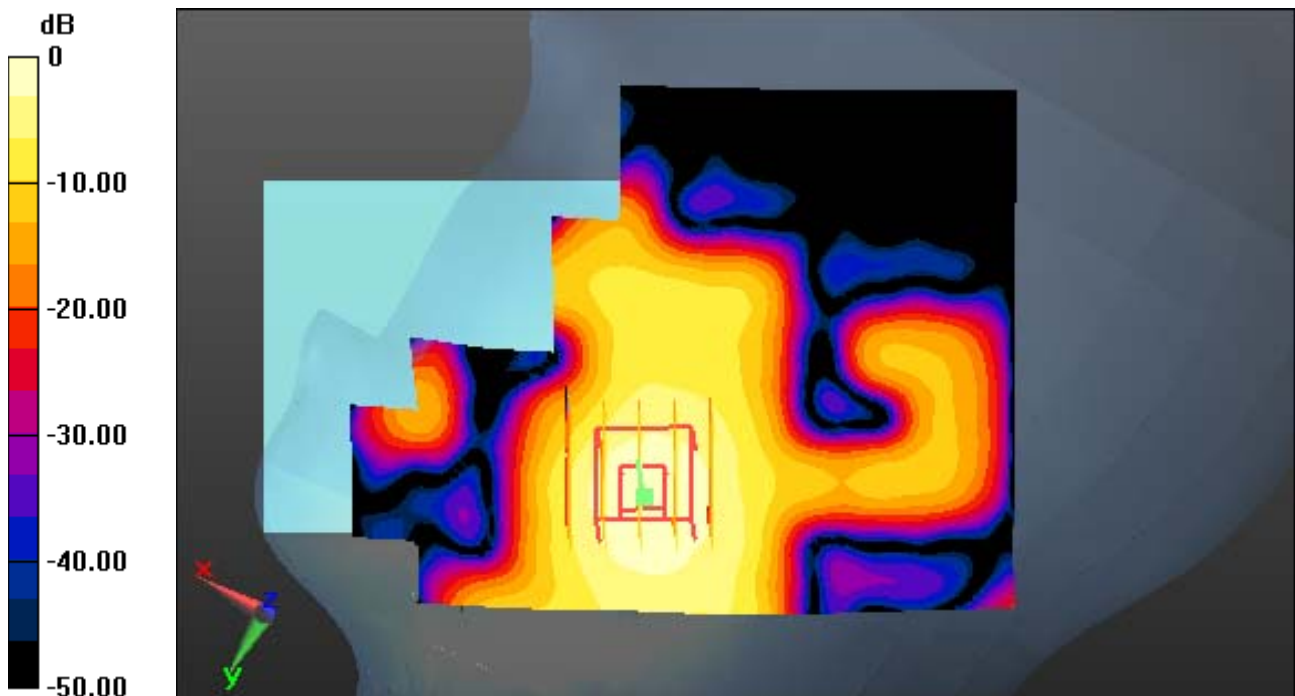
**Area Scan (81x131x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.169 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.049 W/kg**



0 dB = 0.133 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 39.32$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(6.85, 6.85, 6.85); 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: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

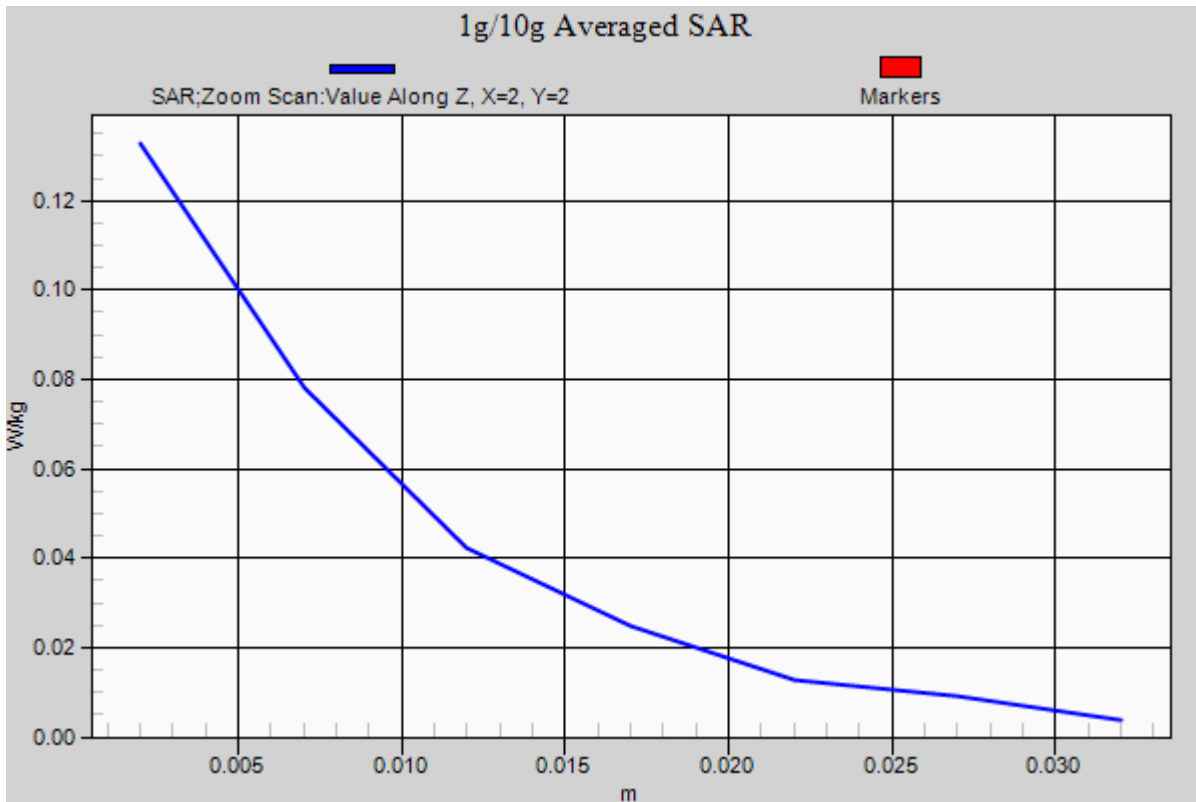
**Area Scan (81x131x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.169 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.049 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA850 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 54.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.0 cm space from Body, Rear, CDMA850 Ch. 384, Ant.Internal**

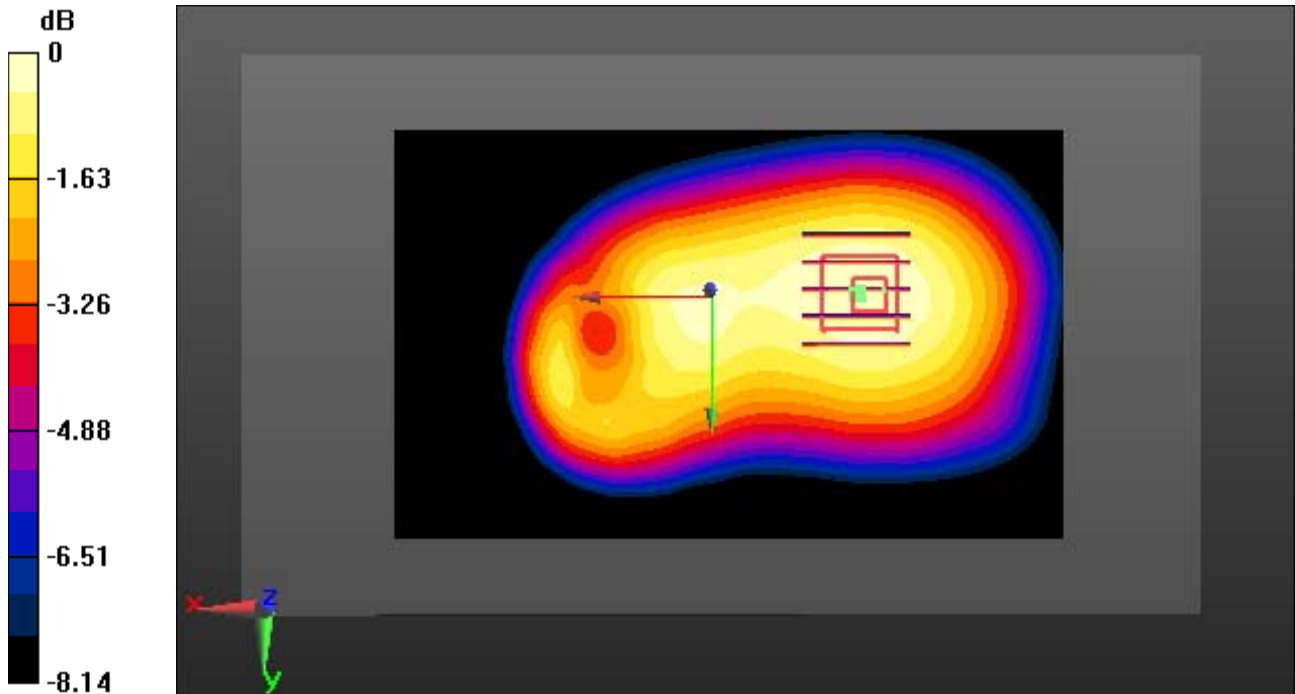
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg



0 dB = 0.276 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA850 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 54.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.0 cm space from Body, Rear, CDMA850 Ch. 384, Ant.Internal**

**With Enlarge plot image**

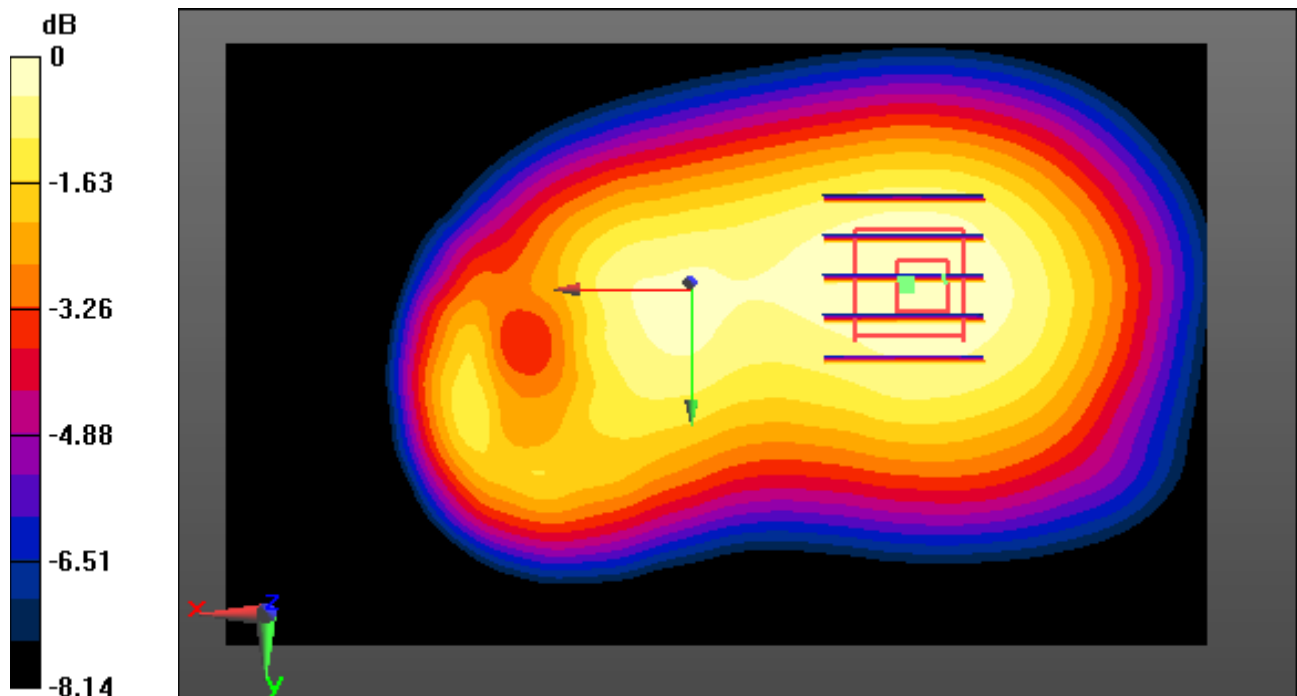
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg**



0 dB = 0.276 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA850 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 54.681$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

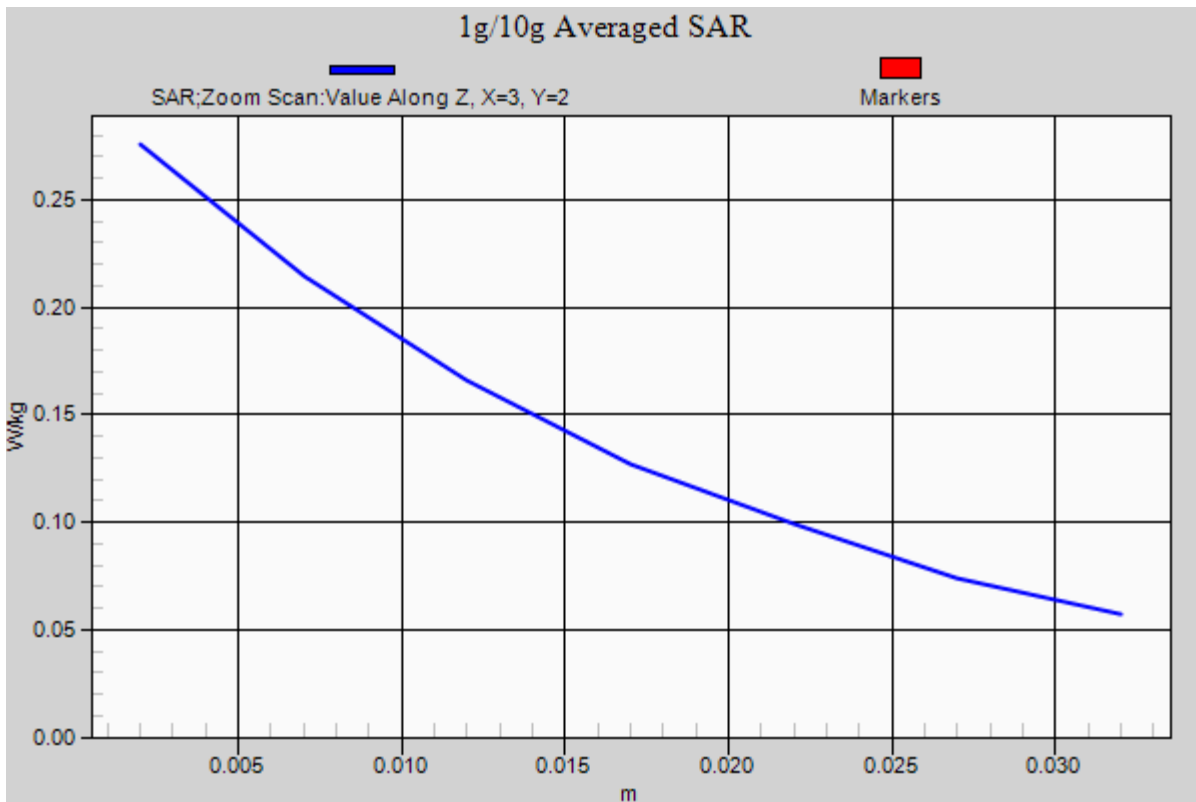
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-28; Ambient Temp: 21.9; Tissue Temp: 22.2

## **1.0 cm space from Body, Rear, CDMA850 Ch. 384, Ant.Internal**

**Area Scan (131x81x1):** 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) = 0.305 W/kg  
**SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.181 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**1.0 cm space from Body, Rear, CDMA1900 Ch. 600, Ant.Internal**

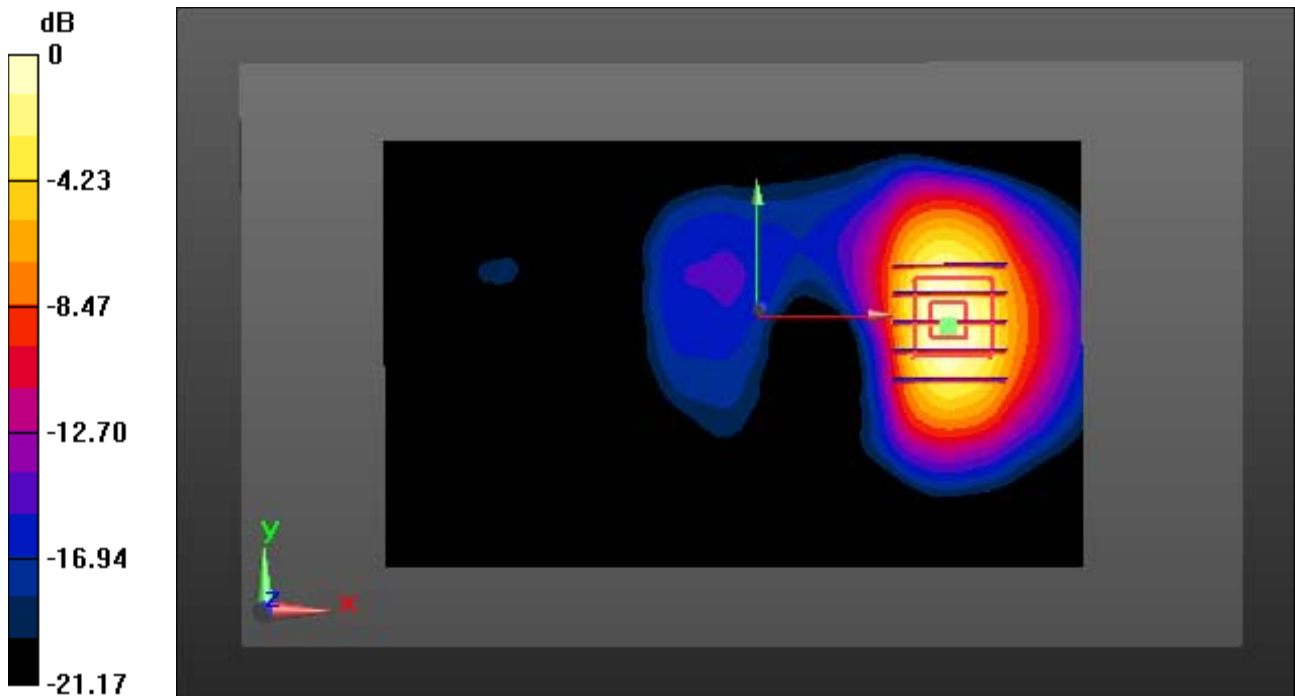
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.511 W/kg**



0 dB = 1.31 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**1.0 cm space from Body, Rear, CDMA1900 Ch. 600, Ant.Internal**

**With Enlarge plot image**

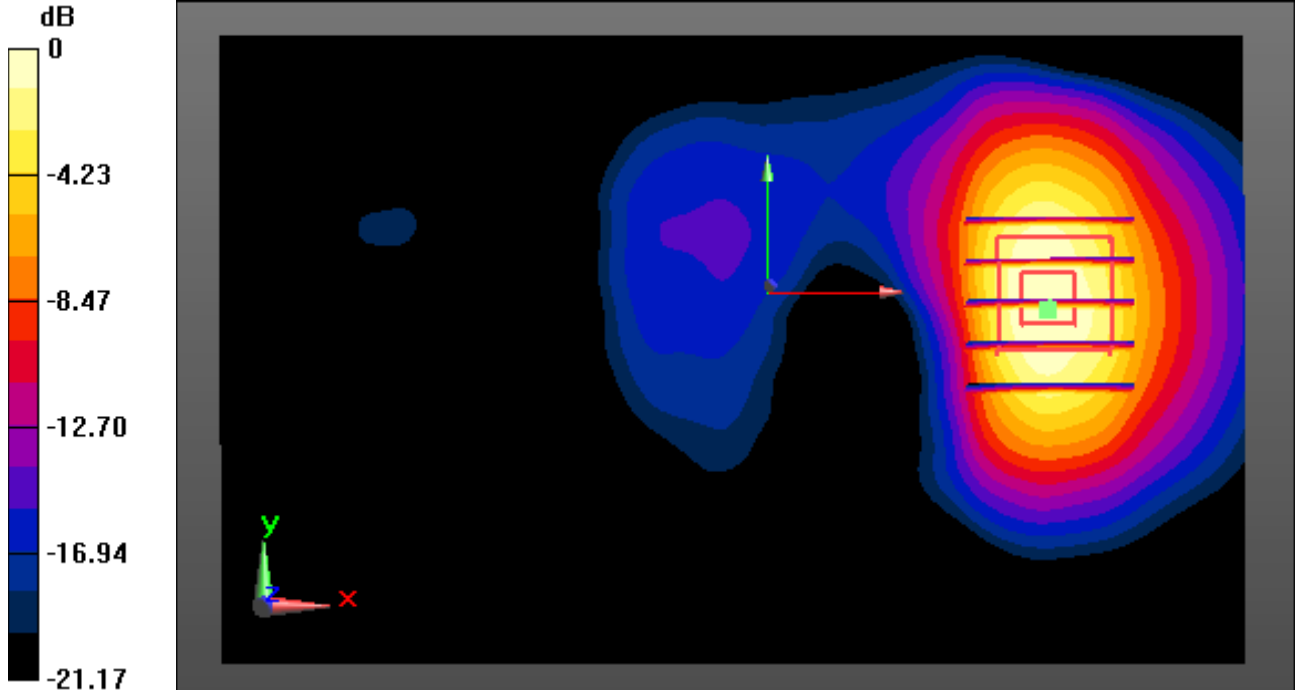
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.511 W/kg



0 dB = 1.31 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**1.0 cm space from Body, Rear, CDMA1900 Ch. 600, Ant.Internal**

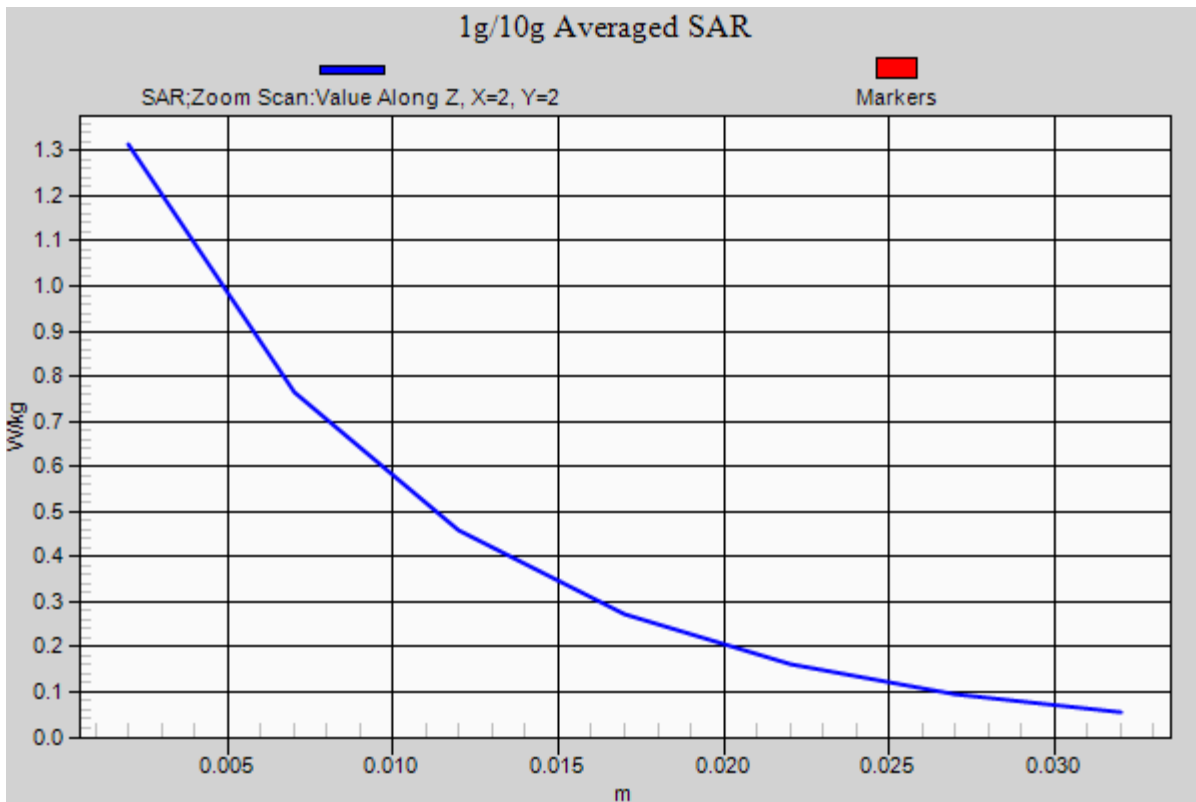
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.511 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

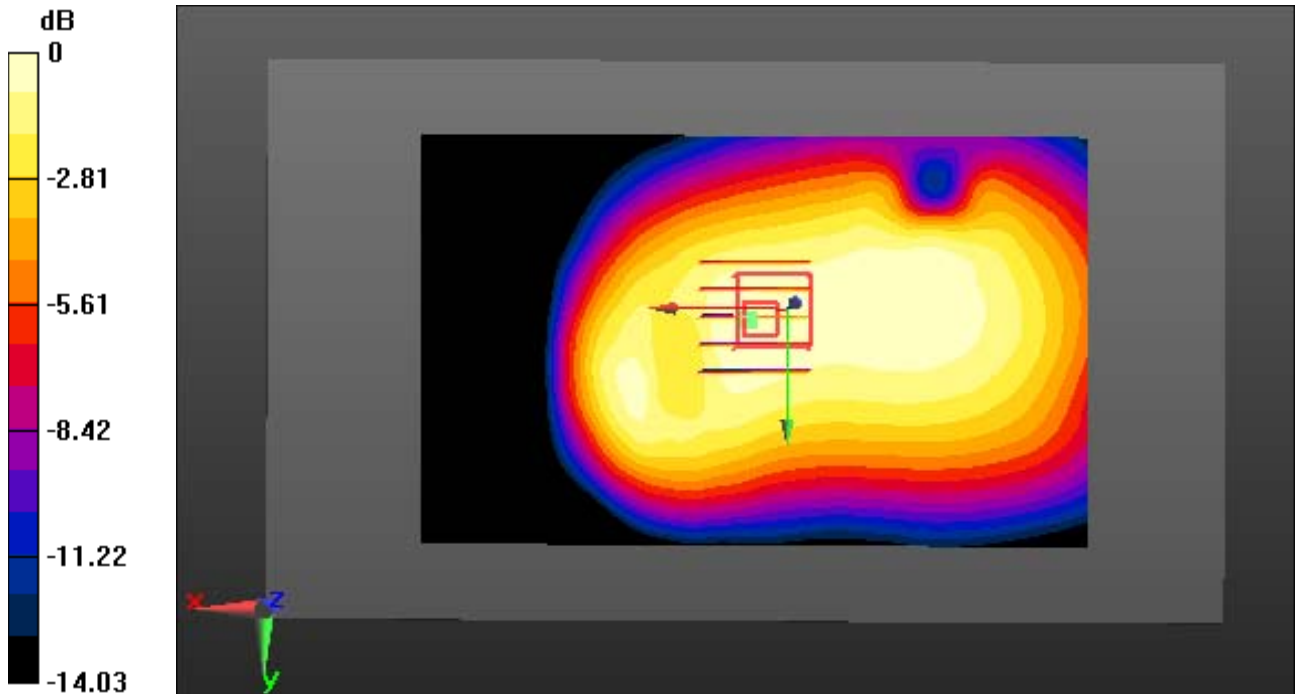
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 W/kg



0 dB = 0.206 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

**With Enlarge plot image**

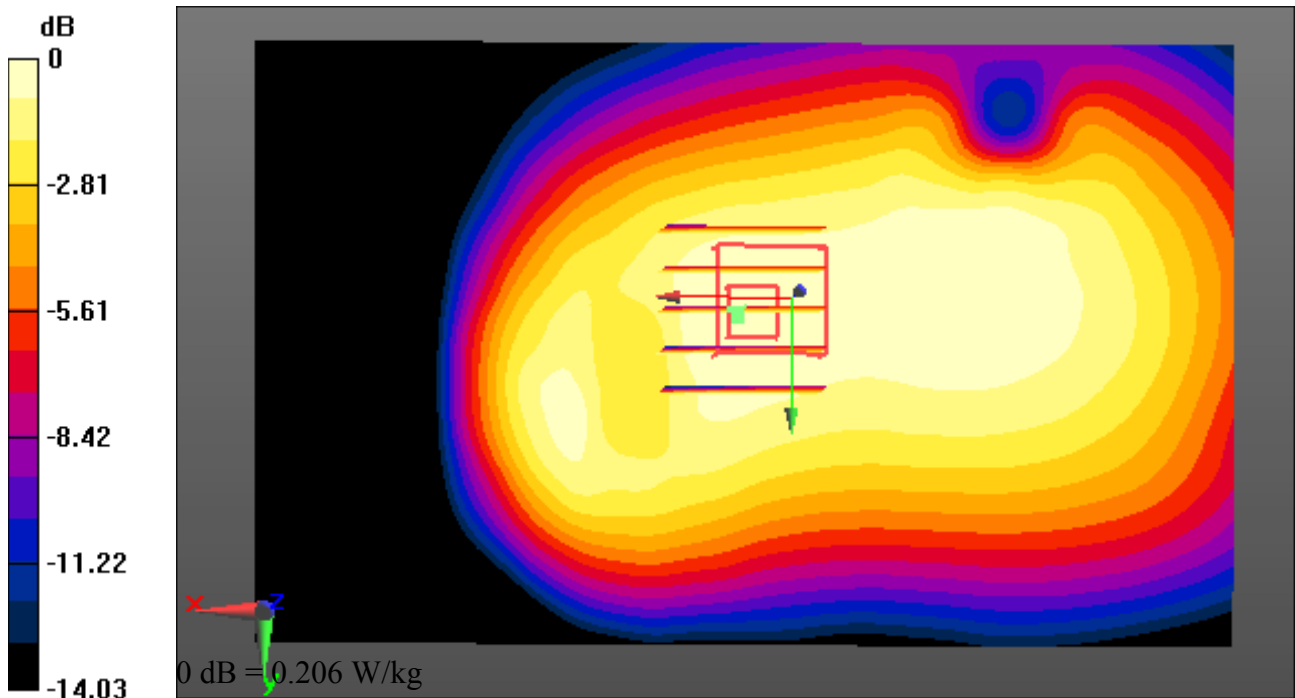
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

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

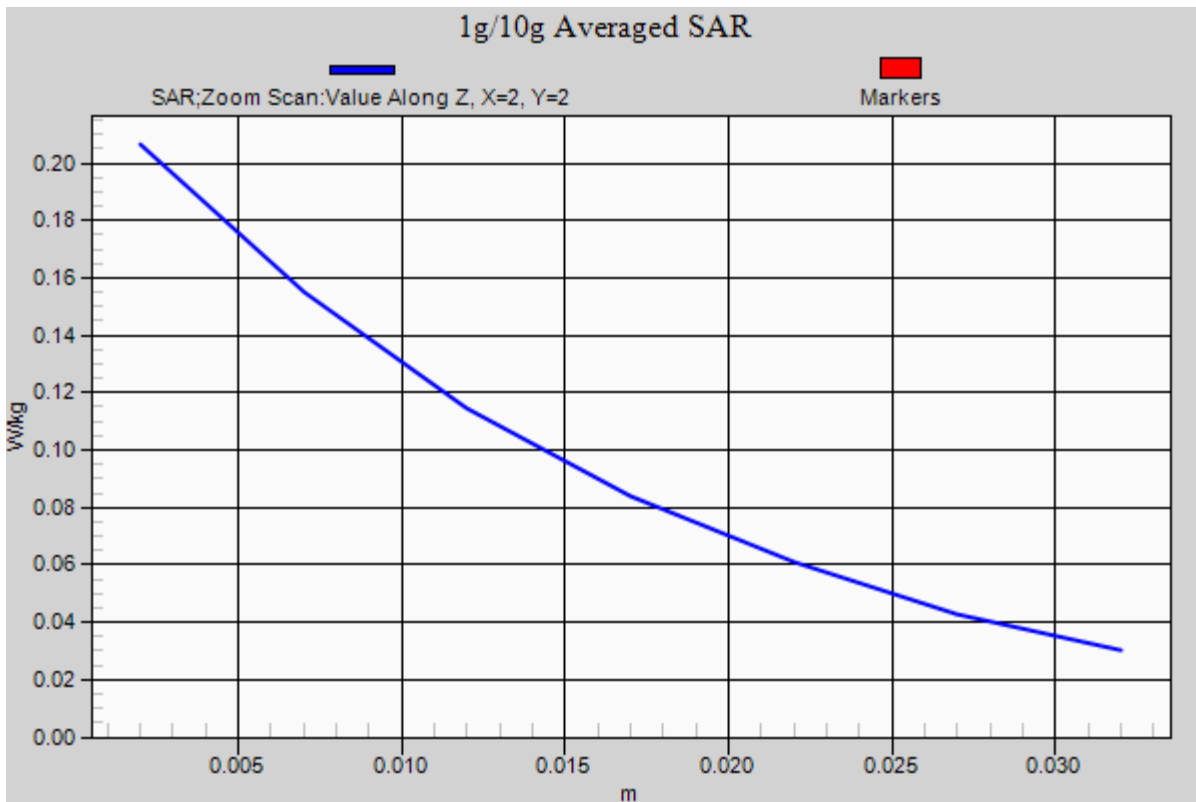
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.129 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850\_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

**1.0 cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant.Internal**

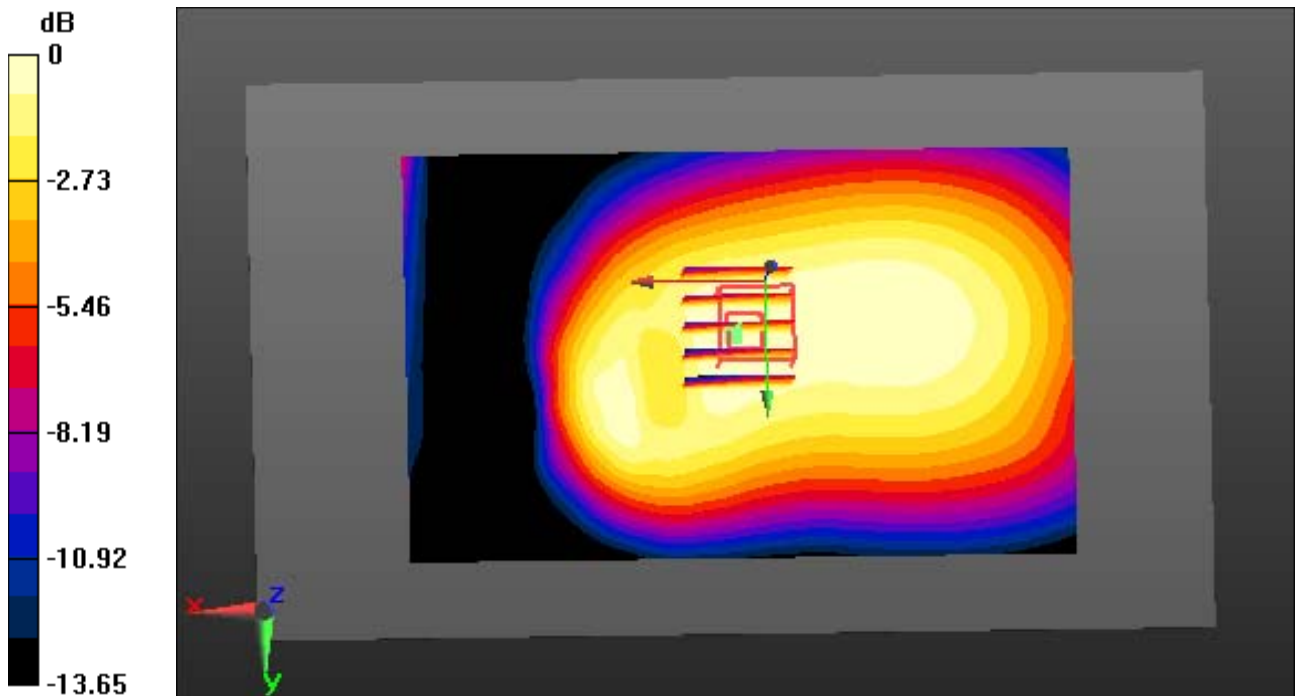
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.258 W/kg**



0 dB = 0.411 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850\_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391

Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147

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

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

**1.0 cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant.Internal**

## **With Enlarge plot image**

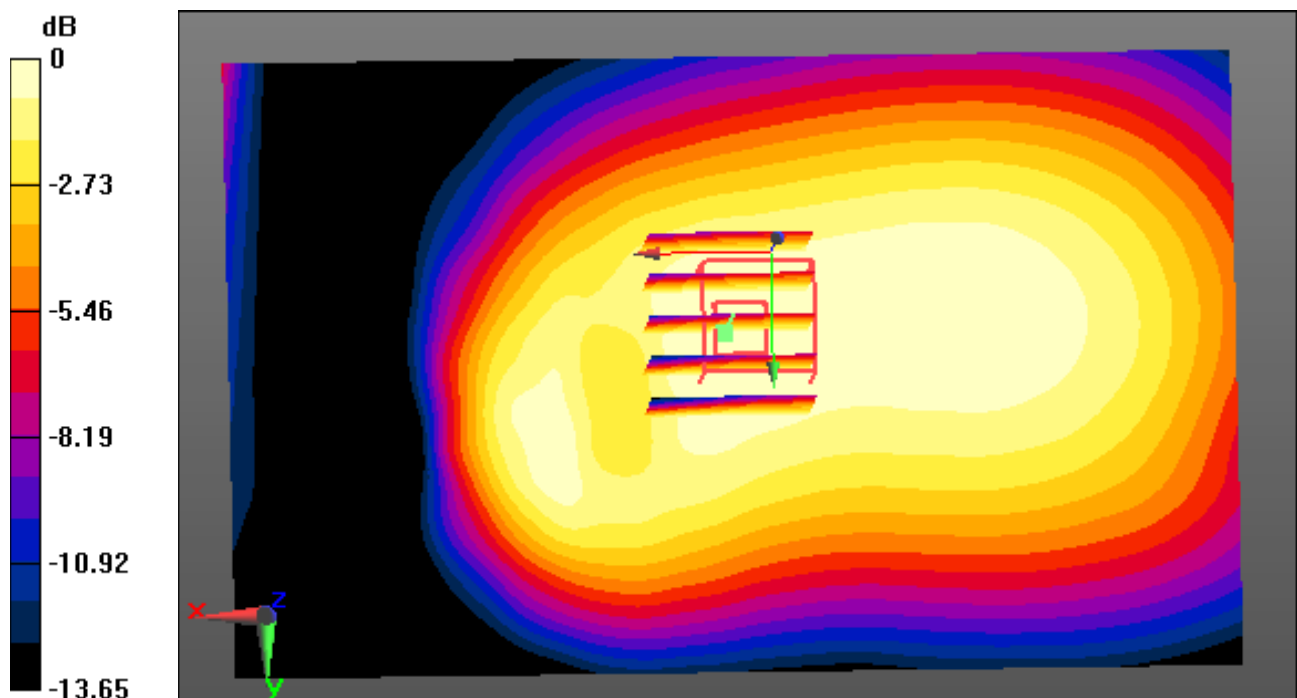
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.258 W/kg**



0 dB = 0.411 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: GSM 850\_4Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 53.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-27; Ambient Temp: 22.2; Tissue Temp: 22.5

**1.0 cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant.Internal**

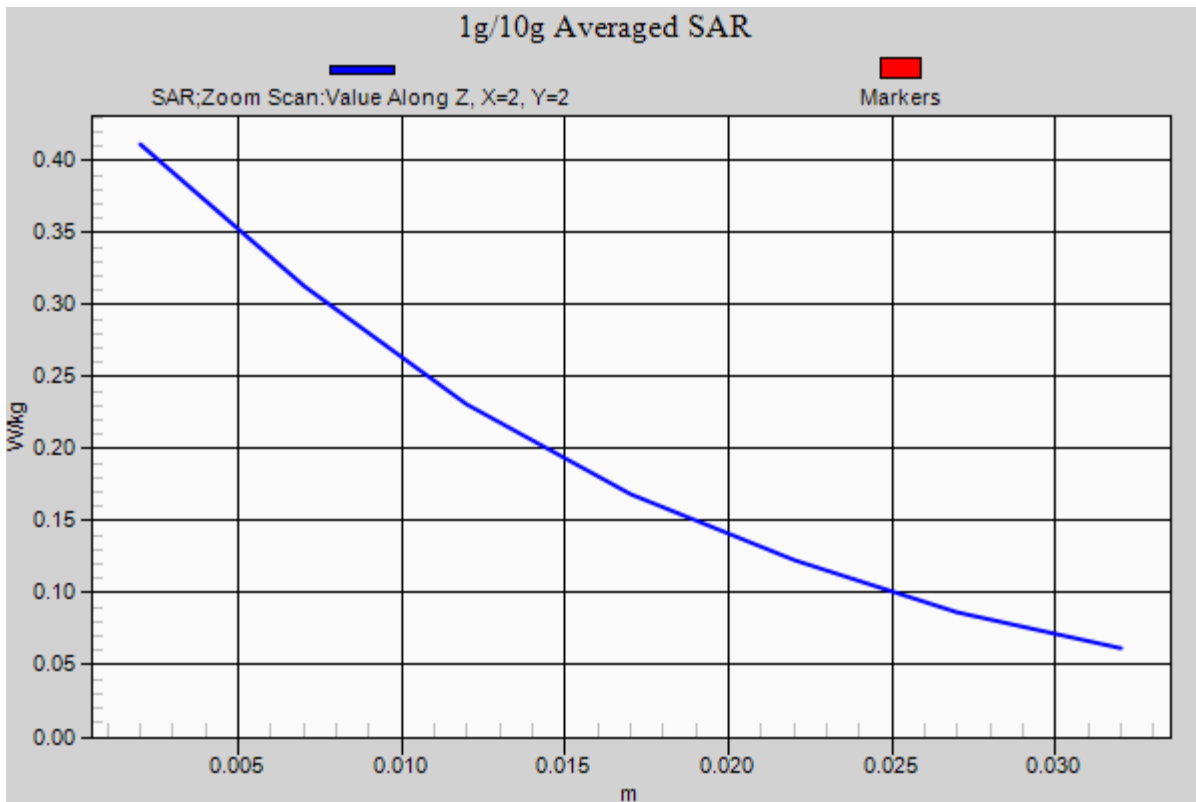
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.258 W/kg**





# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Rear, GSM1900 Ch. 661, Ant.Internal**

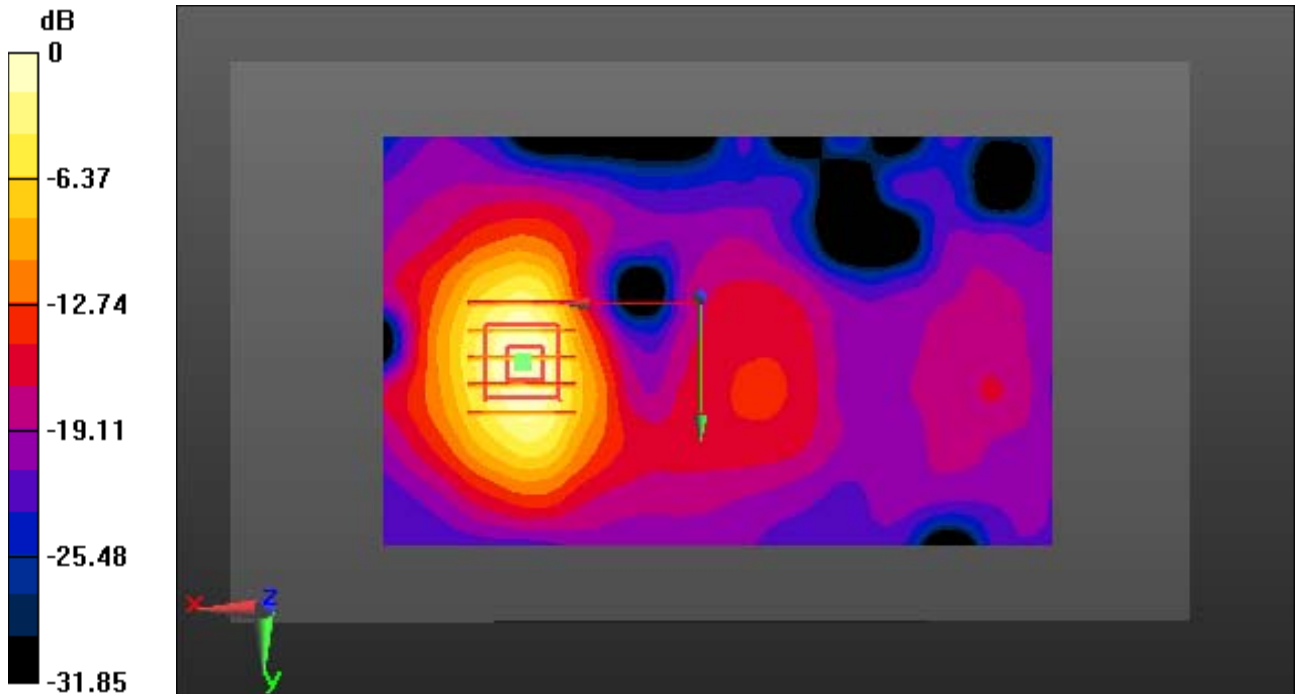
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.360 W/kg**



0 dB = 0.942 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Rear, GSM1900 Ch. 661, Ant.Internal**

**With Enlarge plot image**

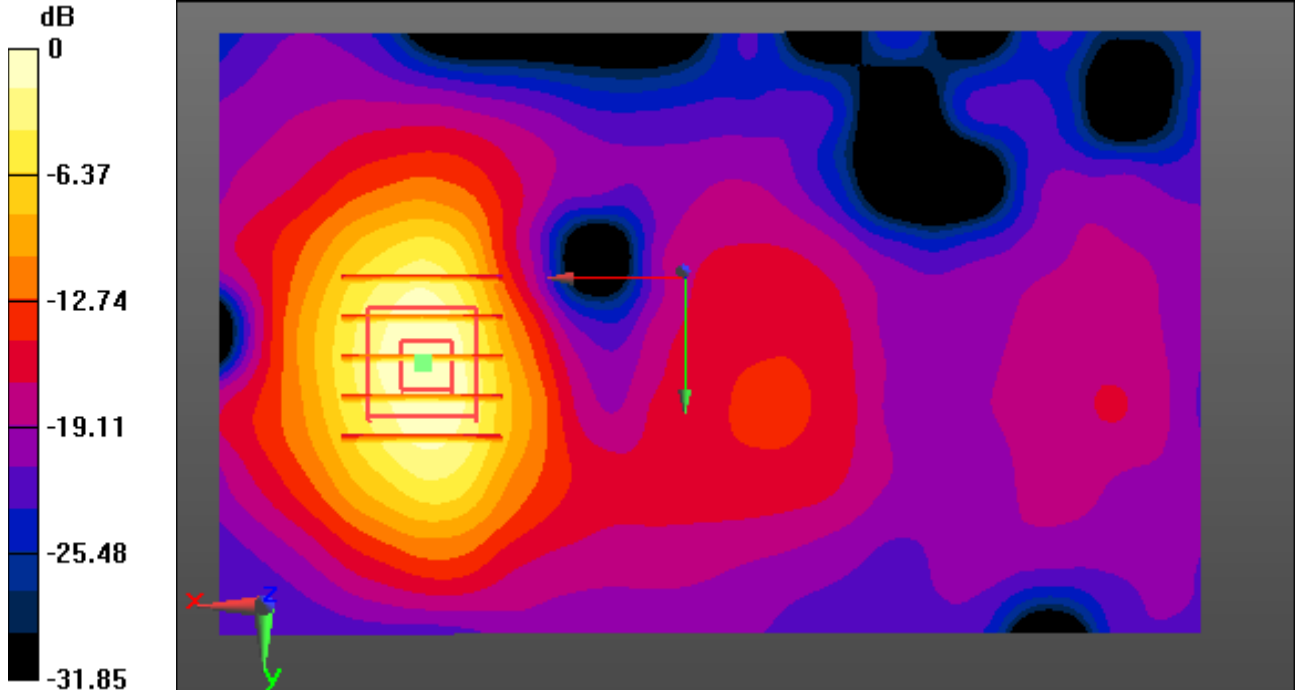
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.360 W/kg**



0 dB = 0.942 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

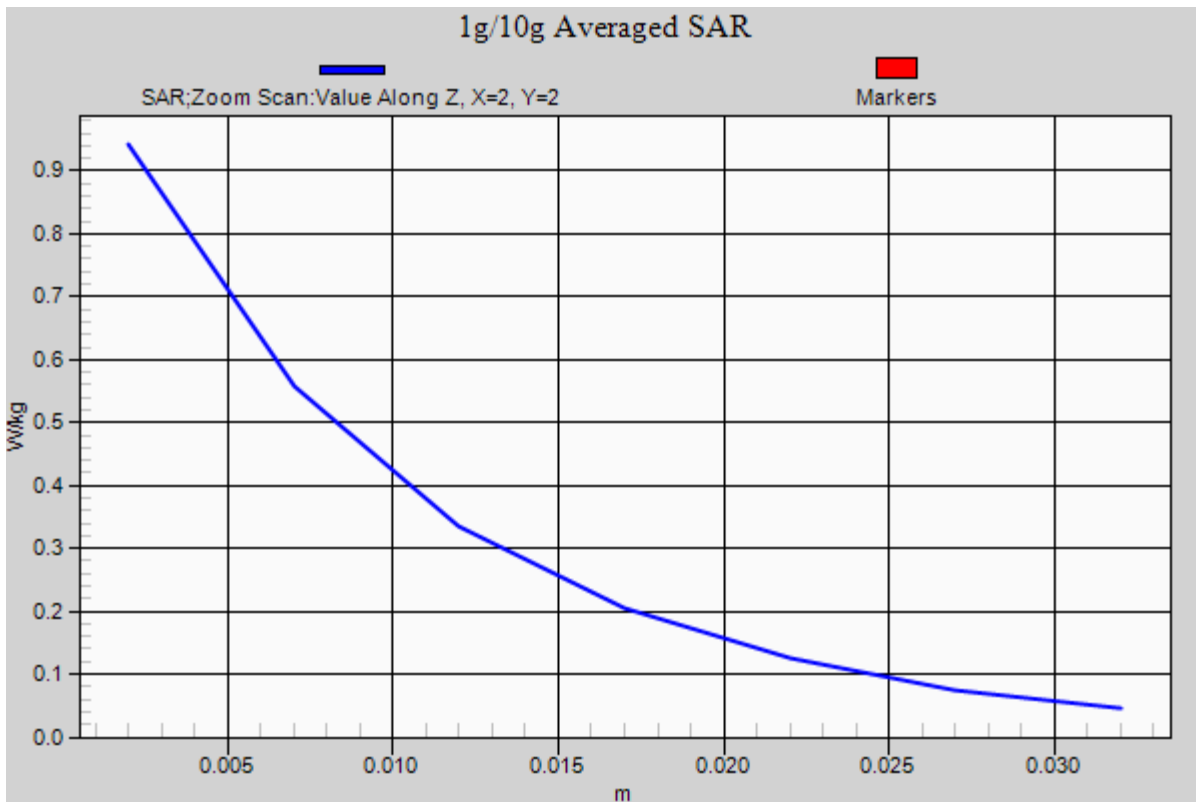
## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Rear, GSM1900 Ch. 661, Ant.Internal**

**Area Scan (131x81x1):** 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) = 1.17 W/kg  
**SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.360 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Rear, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal**

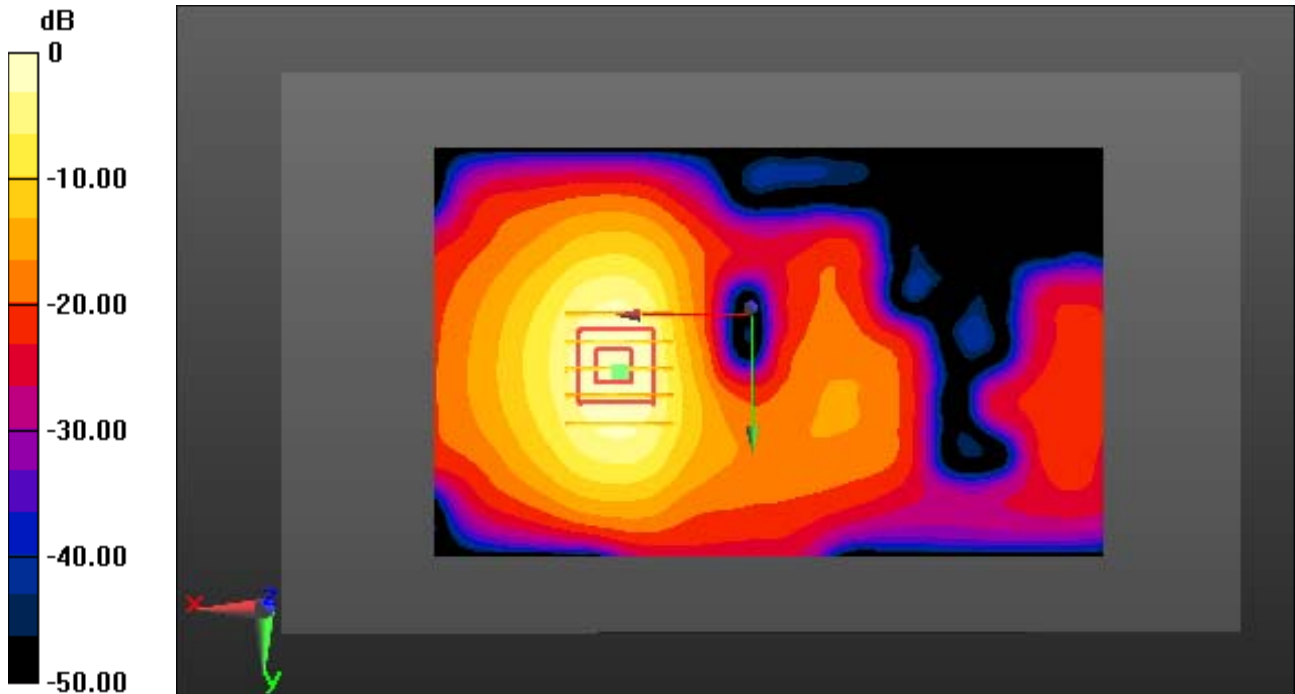
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.370 W/kg**



0 dB = 0.941 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Rear, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal**

## **With Enlarge plot image**

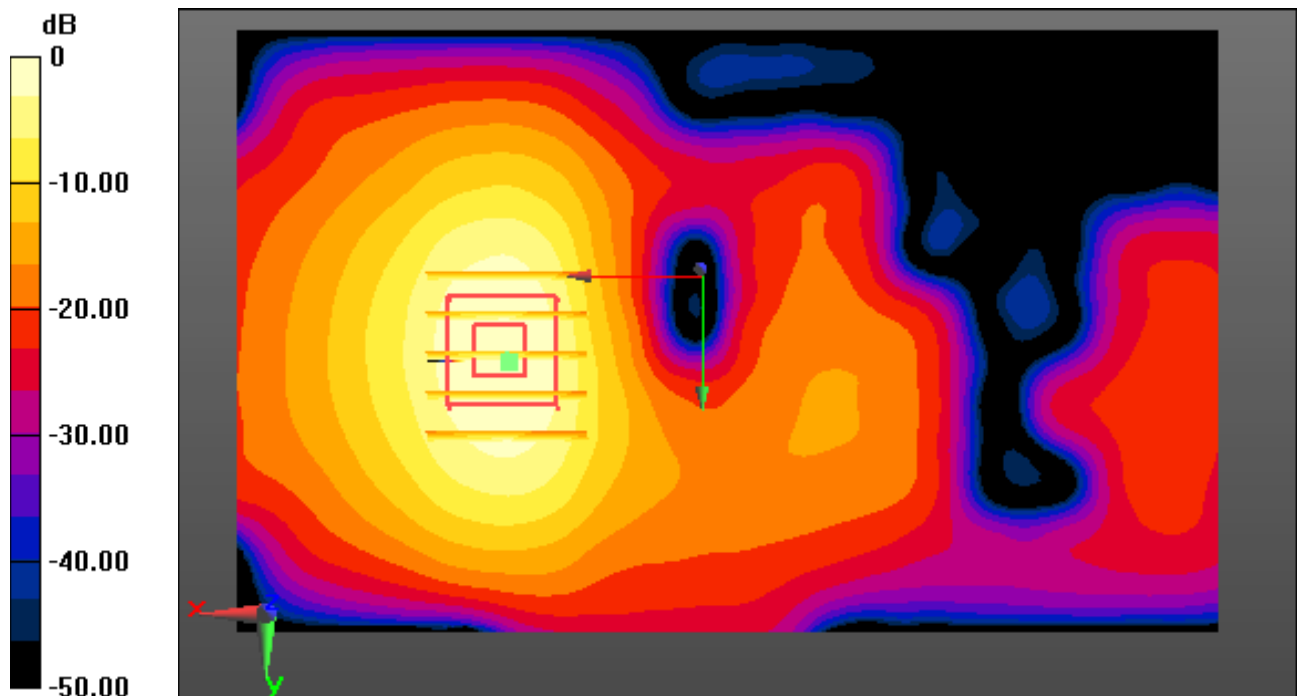
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.370 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Rear, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal**

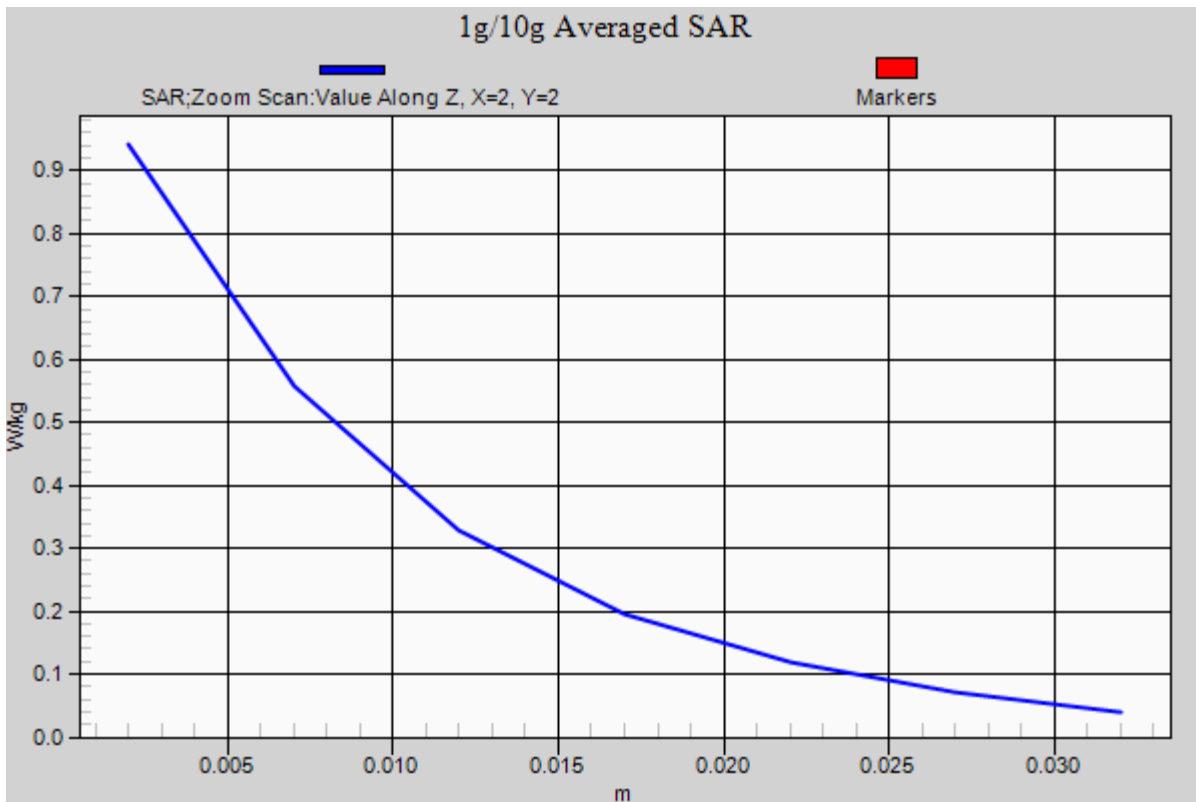
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.370 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.994$  S/m;  $\epsilon_r = 53.724$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

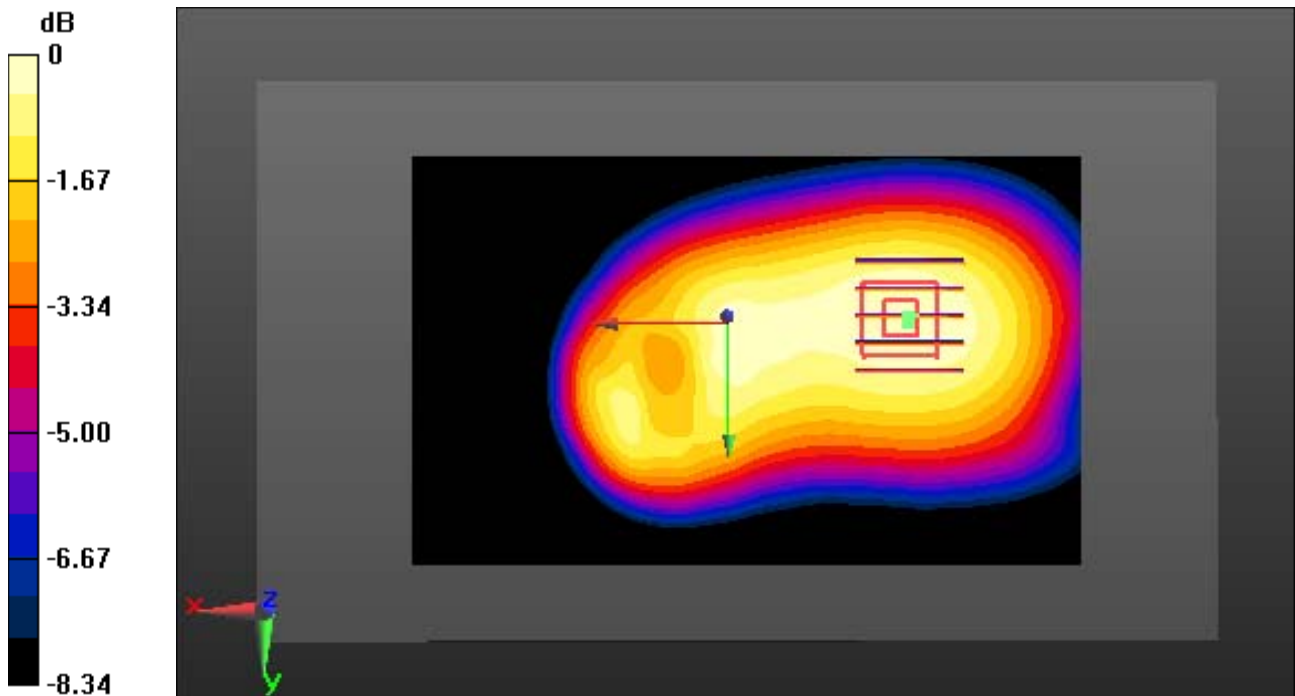
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.159 W/kg**



0 dB = 0.244 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.994$  S/m;  $\epsilon_r = 53.724$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

**With Enlarge plot image**

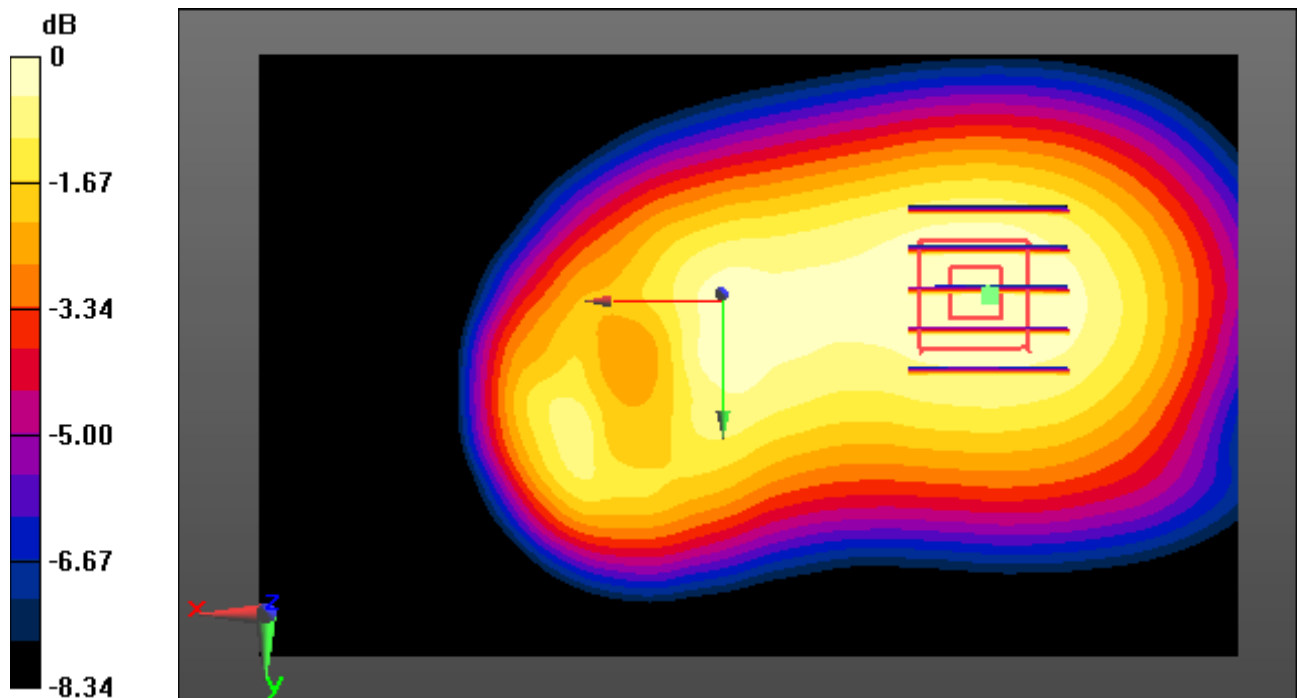
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.159 W/kg**



0 dB = 0.244 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.994$  S/m;  $\epsilon_r = 53.724$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-08-31; Ambient Temp: 22.4; Tissue Temp: 22.7

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

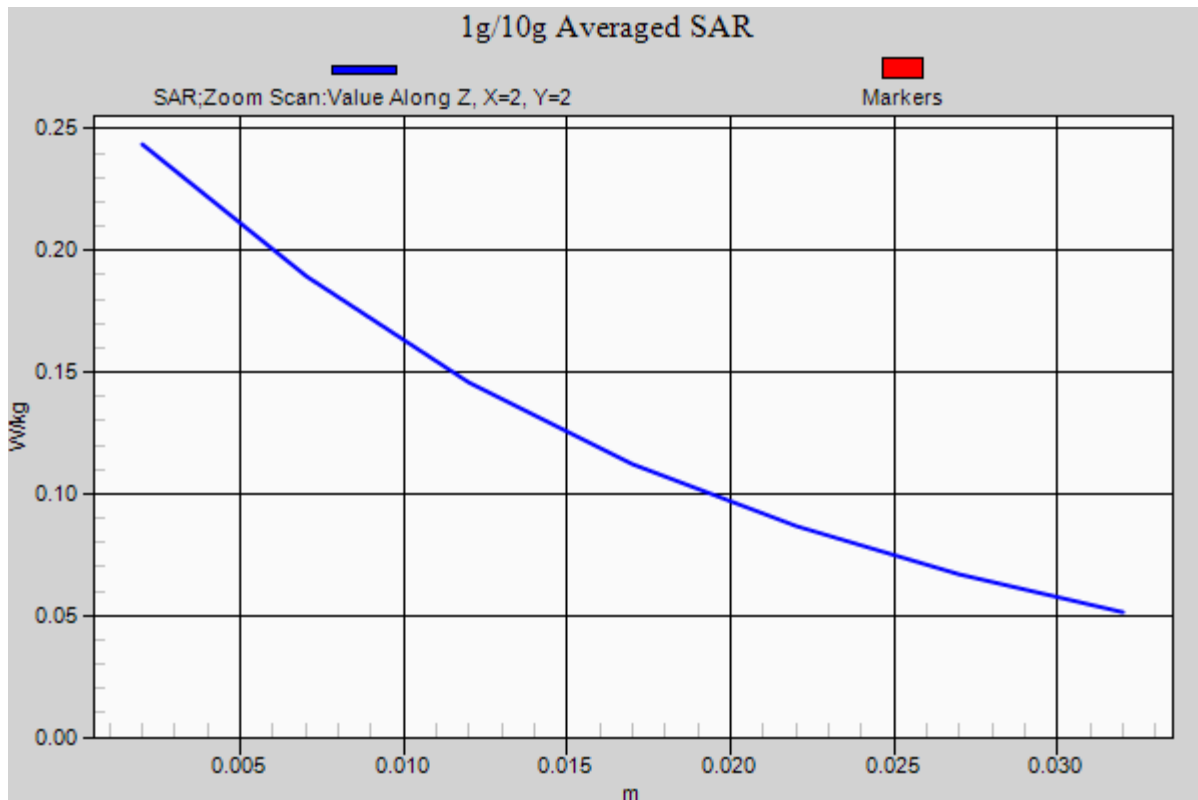
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.159 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

**1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal**

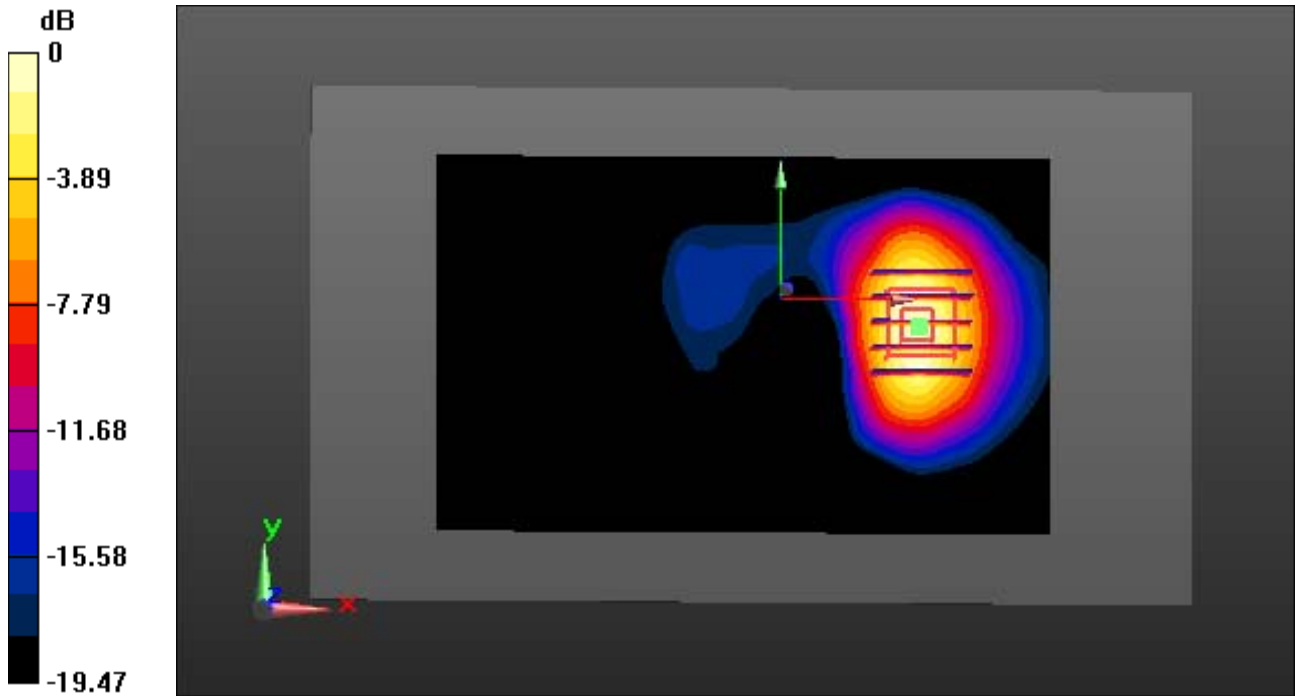
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.393 W/kg**



0 dB = 1.01 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

**1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal**

**With Enlarge plot image**

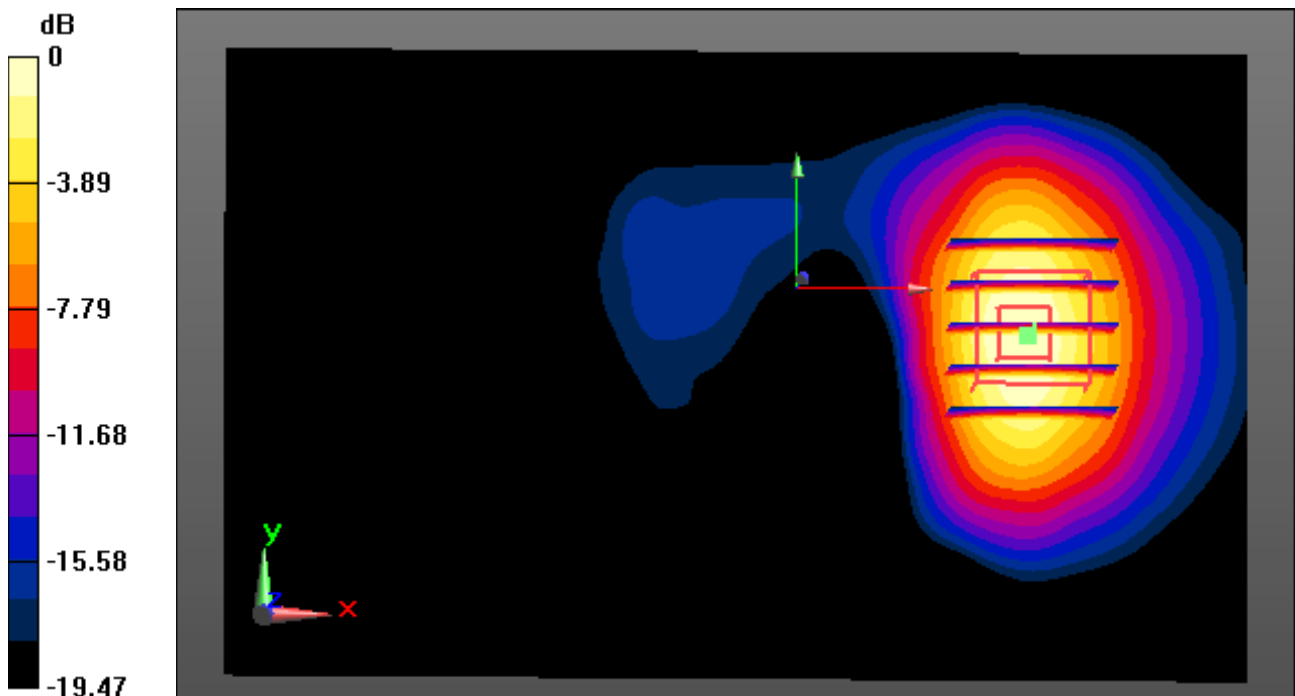
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.393 W/kg**



0 dB = 1.01 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

**1.0 cm space from Body, Rear, WCDMA1900 Ch. 9400, Ant.Internal**

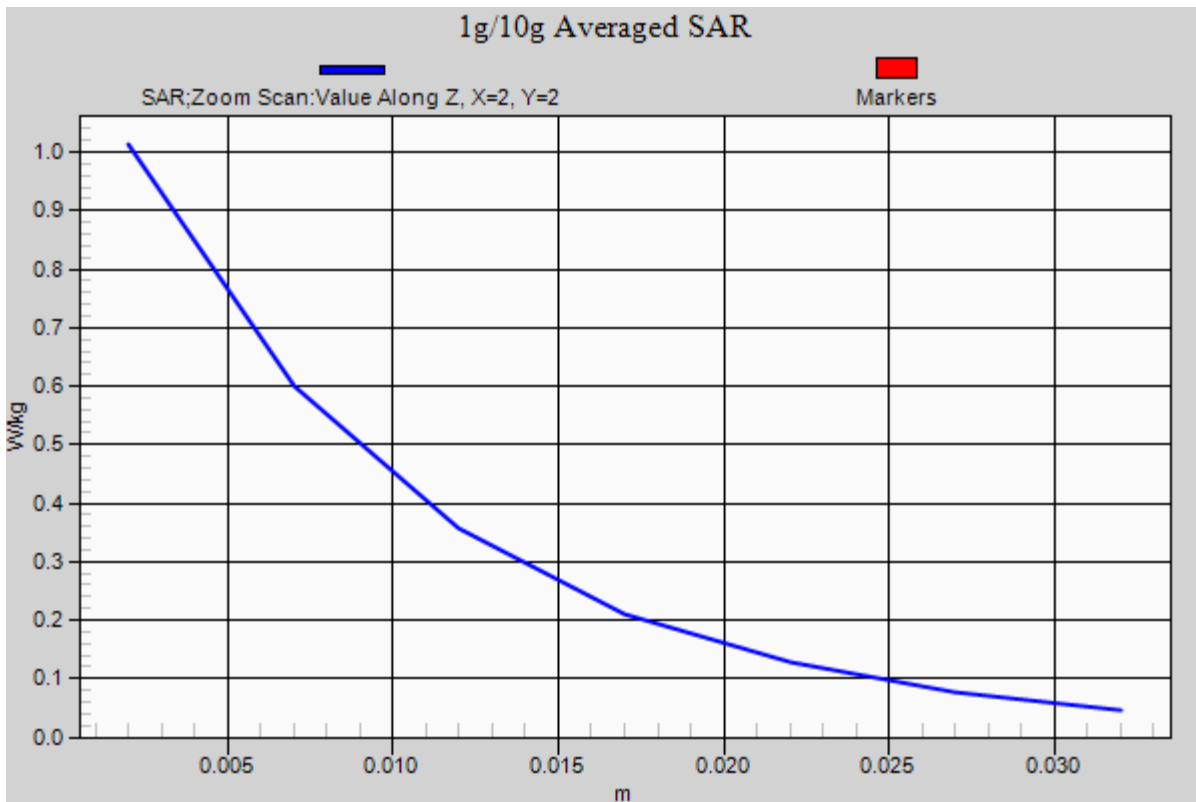
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.393 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.937 \text{ S/m}$ ;  $\epsilon_r = 56.443$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

**1.0 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

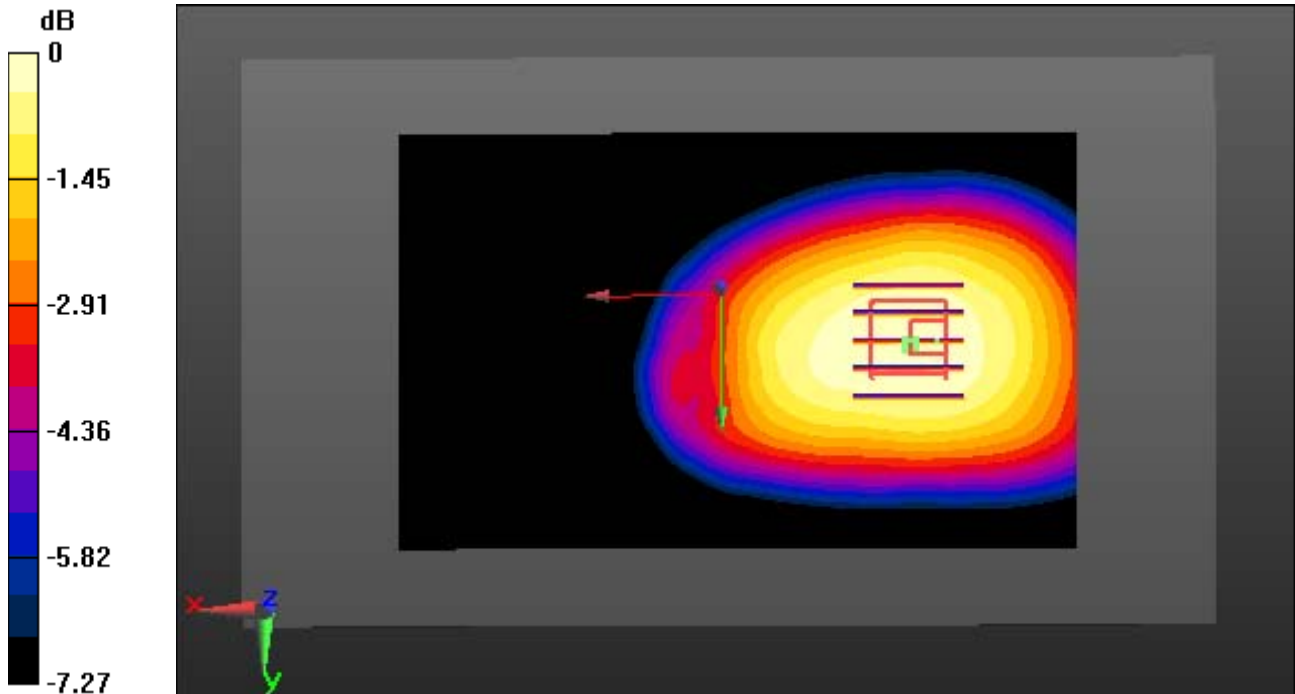
**Area Scan (131x81x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

**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) = 0.284 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg**



0 dB = 0.259 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 710 \text{ MHz}$ ;  $\sigma = 0.937 \text{ S/m}$ ;  $\epsilon_r = 56.443$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

**1.0 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

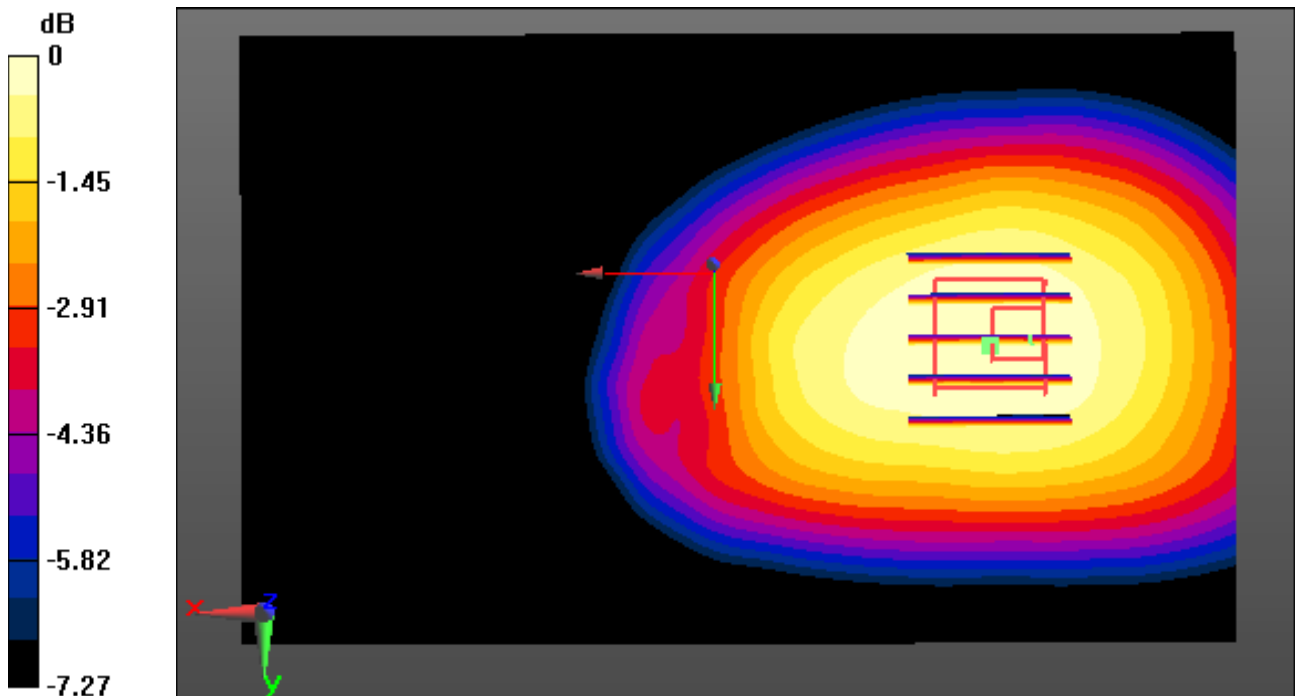
**Area Scan (131x81x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$

**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) = 0.284 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg**



0 dB = 0.259 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 17(FCC) (0); Frequency: 710 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 710$  MHz;  $\sigma = 0.937$  S/m;  $\epsilon_r = 56.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-09; Ambient Temp: 22.2 Tissue Temp:22.5

**1.0 cm space from Body, Rear, LTE Band 17 Ch. 23790, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

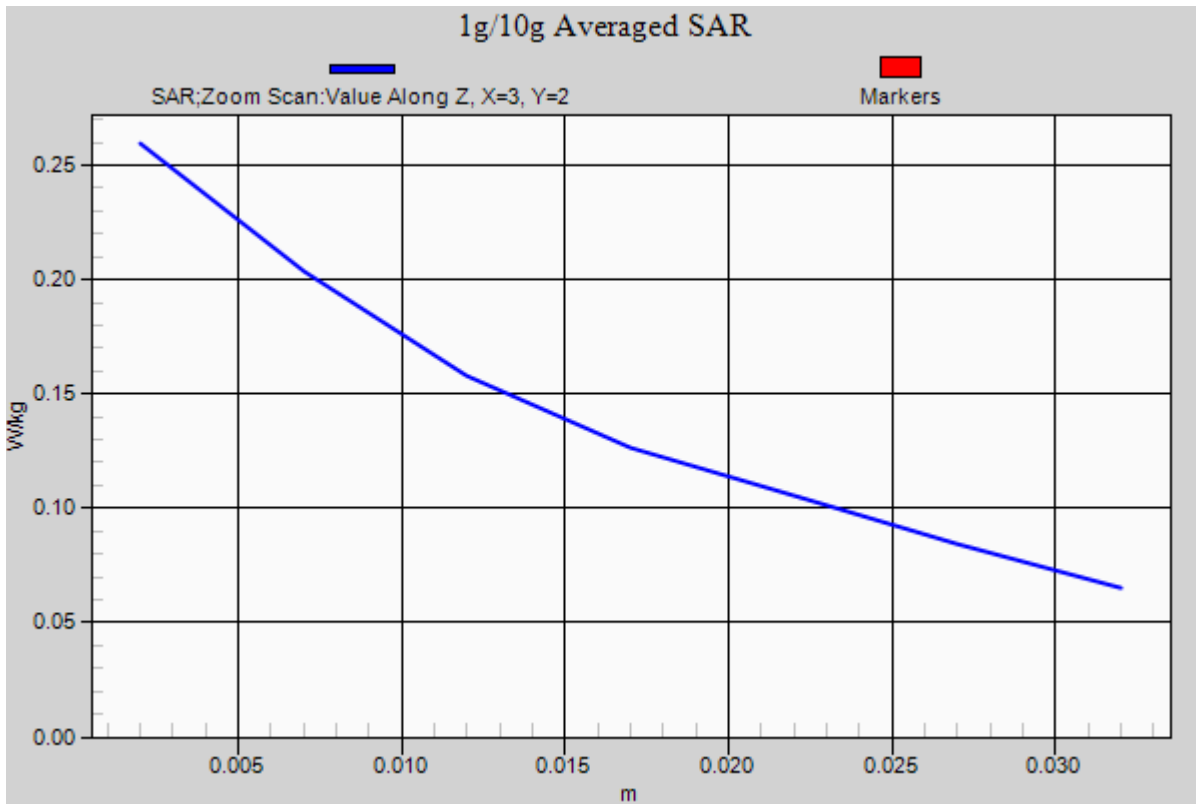
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.176 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.998$  S/m;  $\epsilon_r = 54.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

**1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

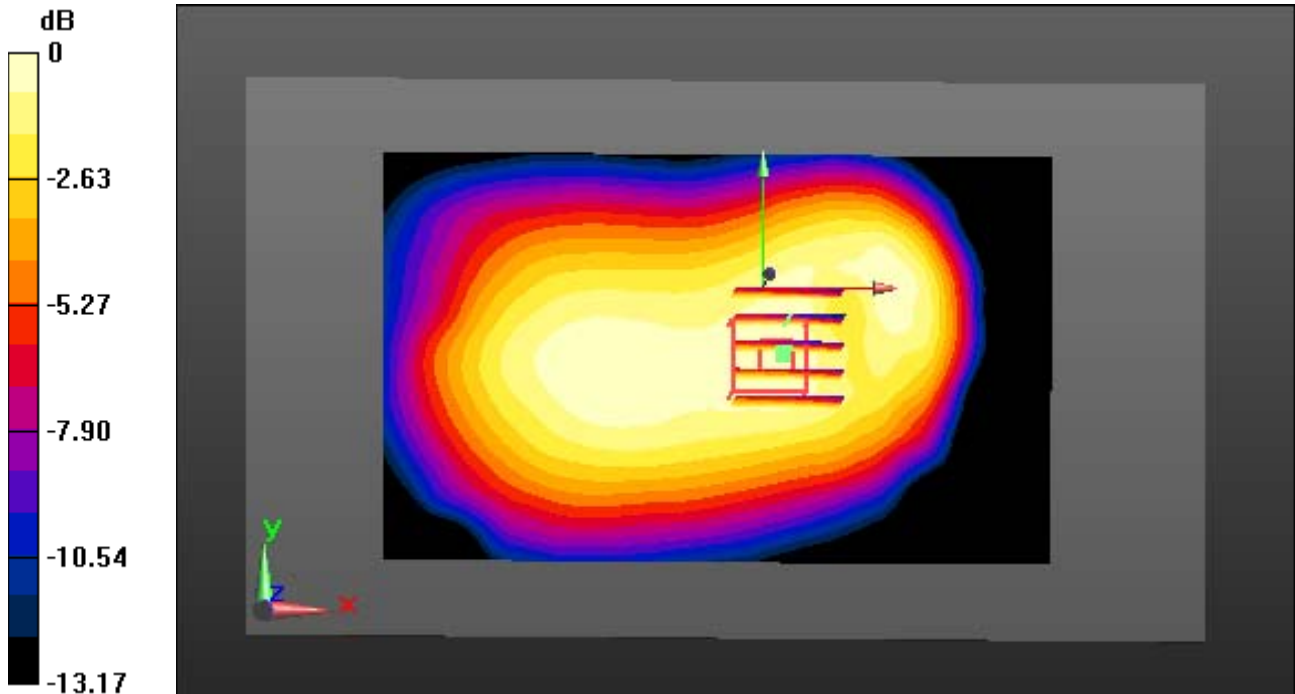
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.110 W/kg**



0 dB = 0.175 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.998$  S/m;  $\epsilon_r = 54.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

**1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

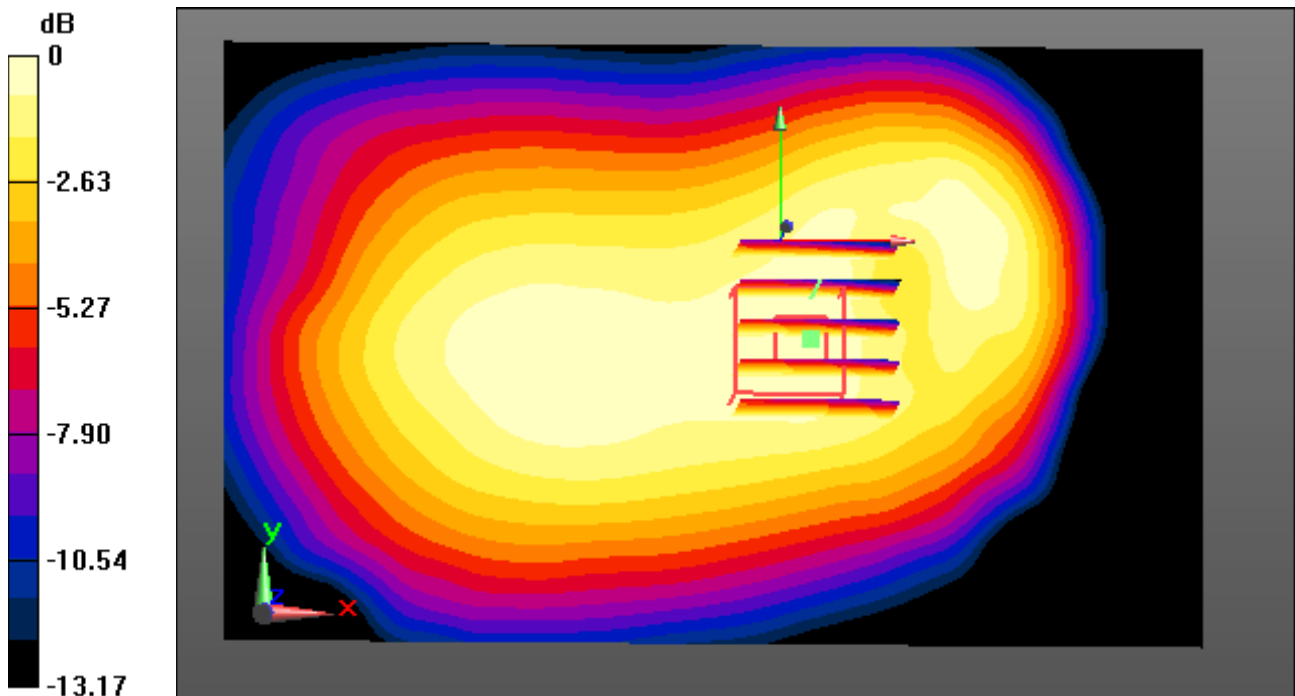
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.110 W/kg**



0 dB = 0.175 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 5(FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.998$  S/m;  $\epsilon_r = 54.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(9.25, 9.25, 9.25); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-08; Ambient Temp: 21.9 Tissue Temp:22.3

**1.0 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

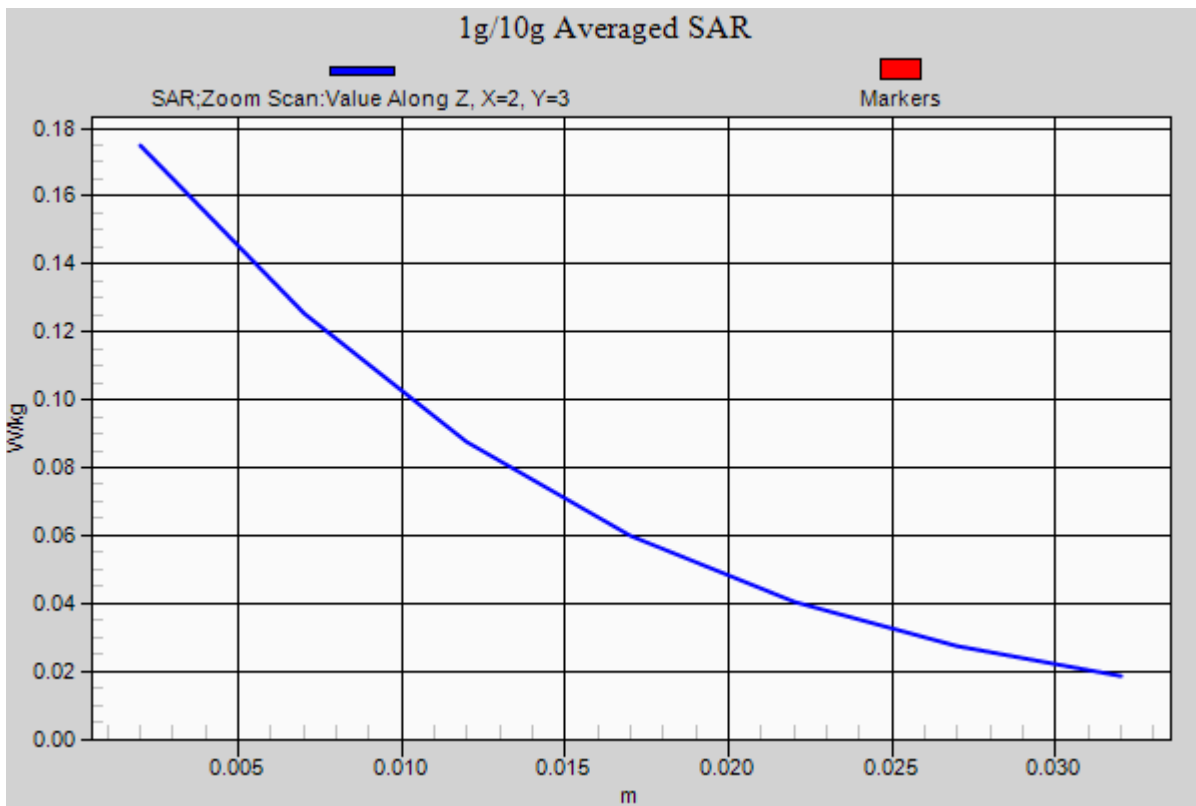
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.110 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 53.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

**1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

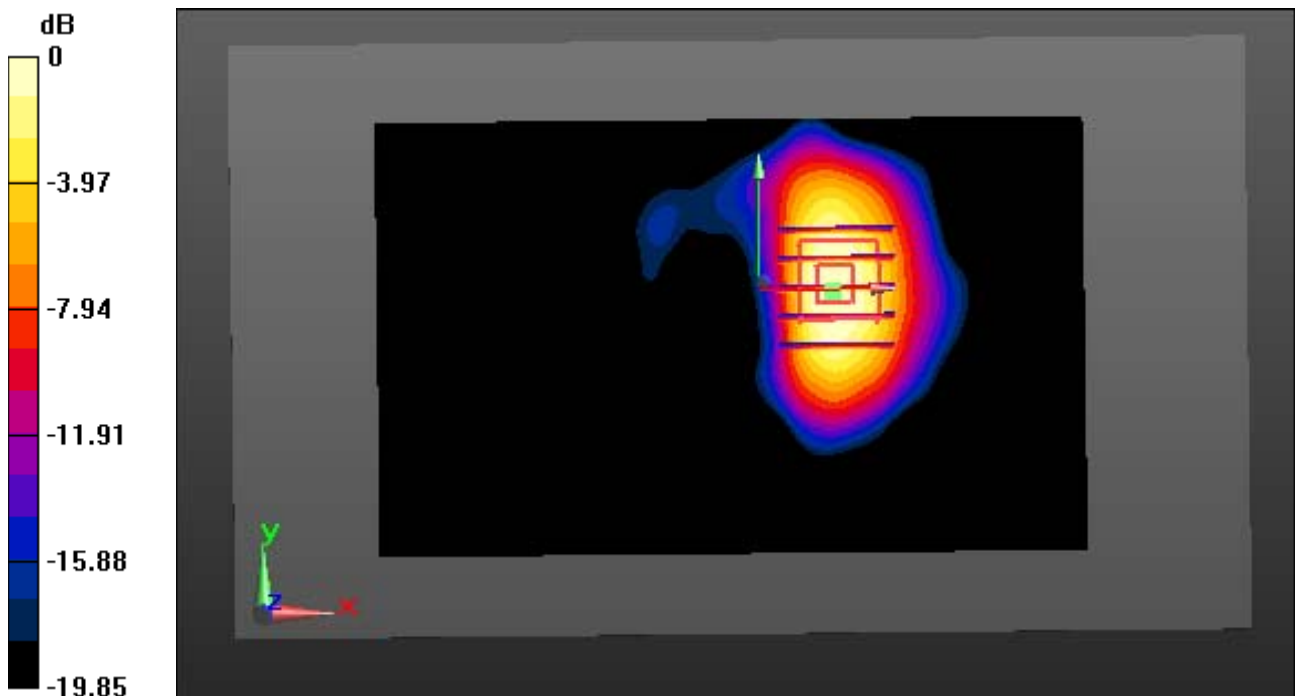
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.546 W/kg

**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.171 W/kg**



0 dB = 0.440 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 53.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

**1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

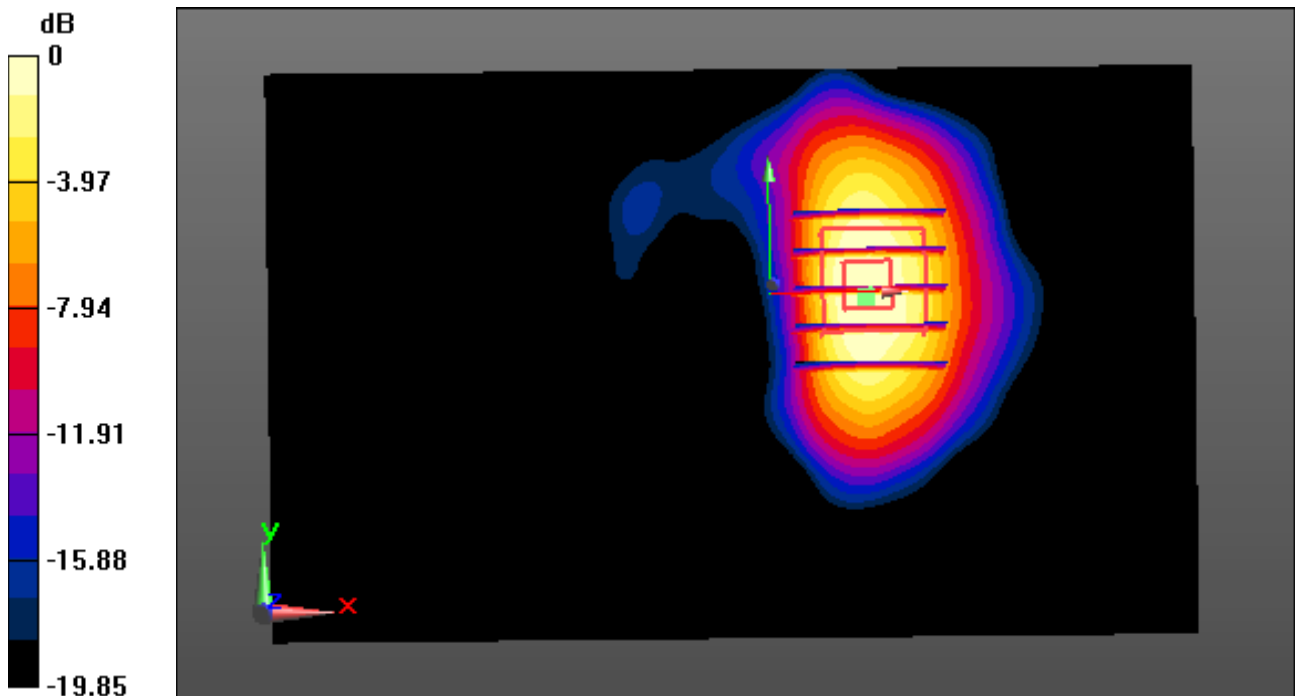
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.546 W/kg

**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.171 W/kg**



0 dB = 0.440 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 53.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

**1.0 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

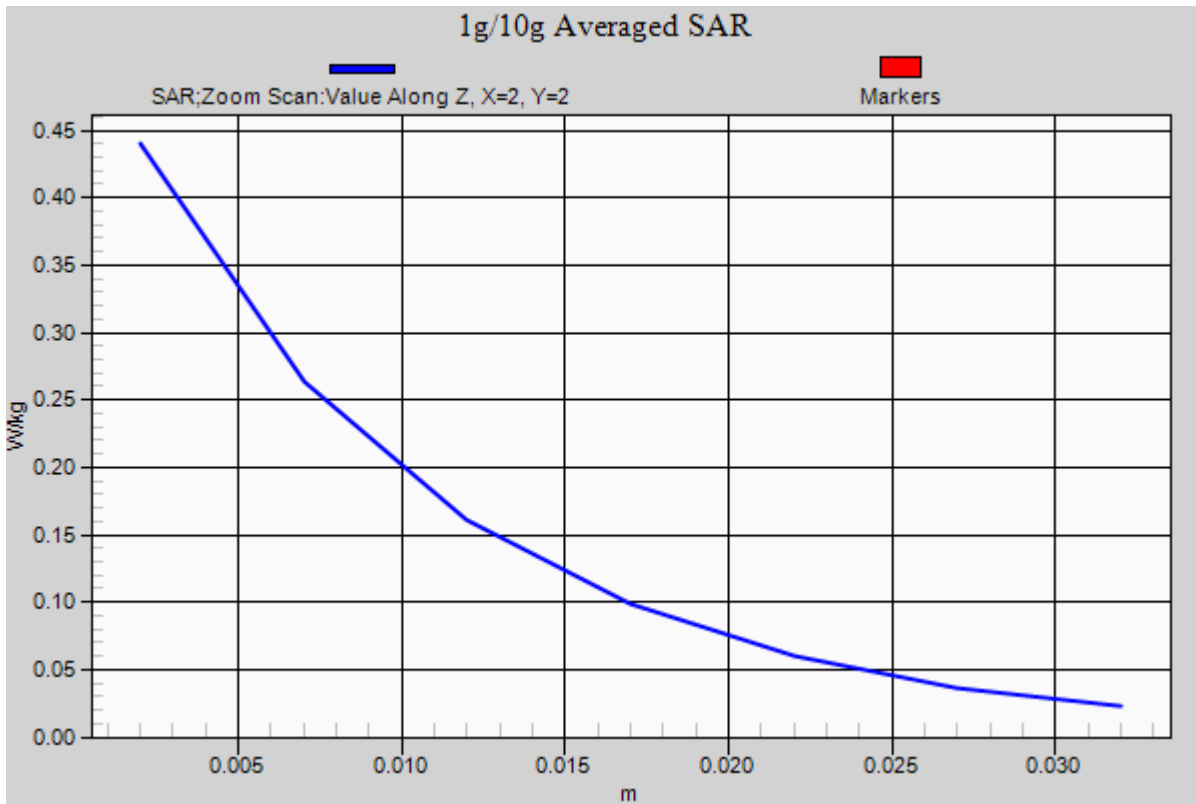
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.546 W/kg

**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.171 W/kg**



## DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

**1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

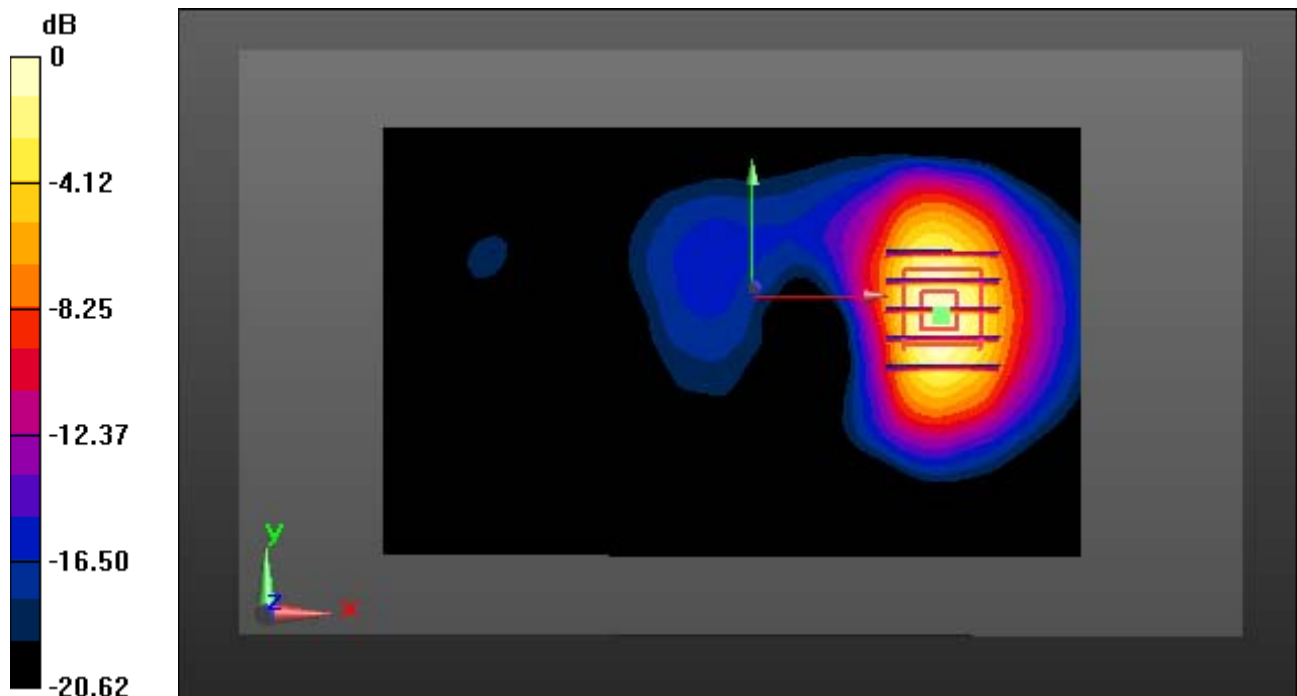
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.456 W/kg**



0 dB = 1.20 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

**1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

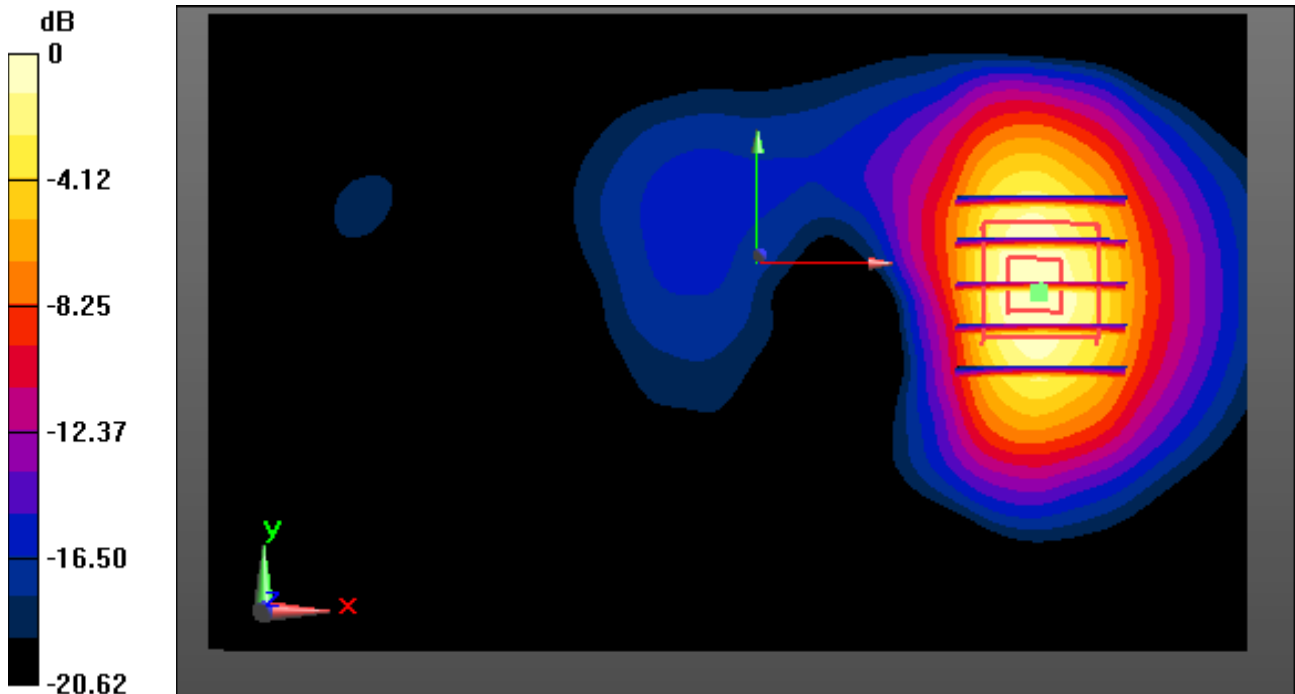
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.456 W/kg**



0 dB = 1.20 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

**1.0 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

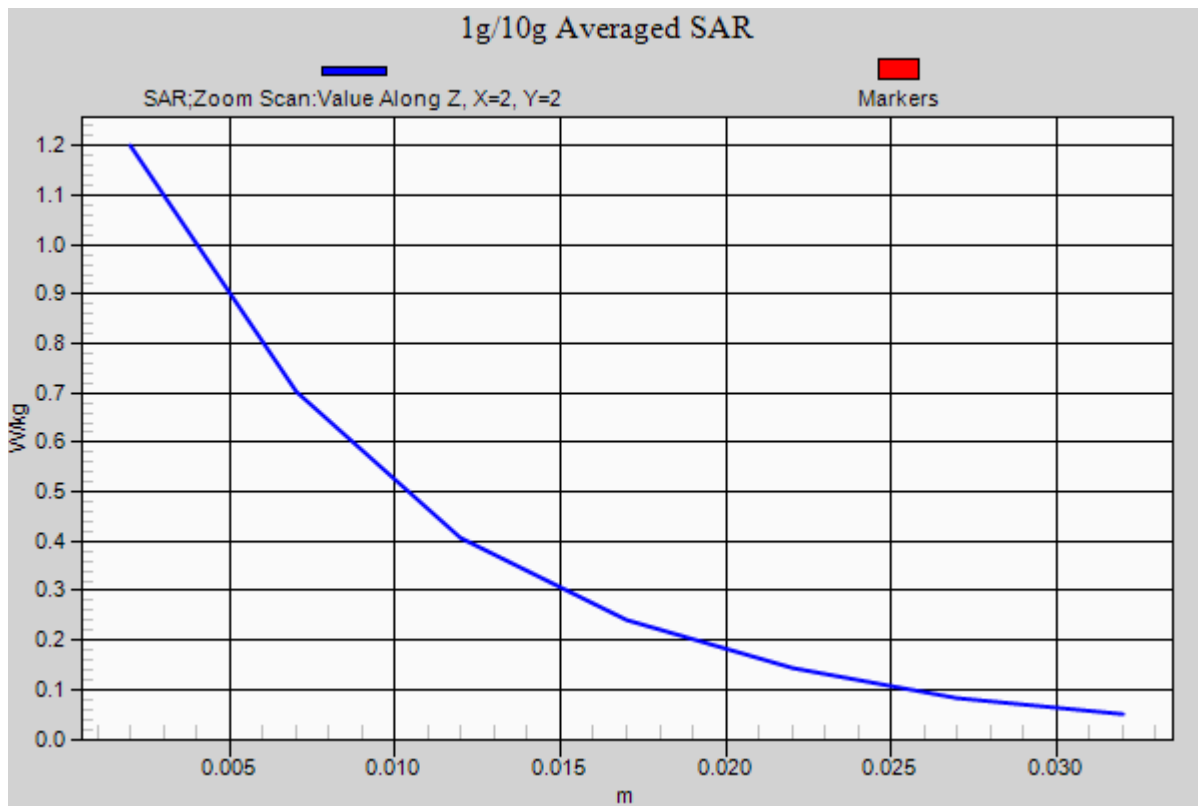
**Area Scan (131x81x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.456 W/kg**





# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**1.0 cm space from Body, Bottom, CDMA1900 Ch. 600, Ant.Internal**

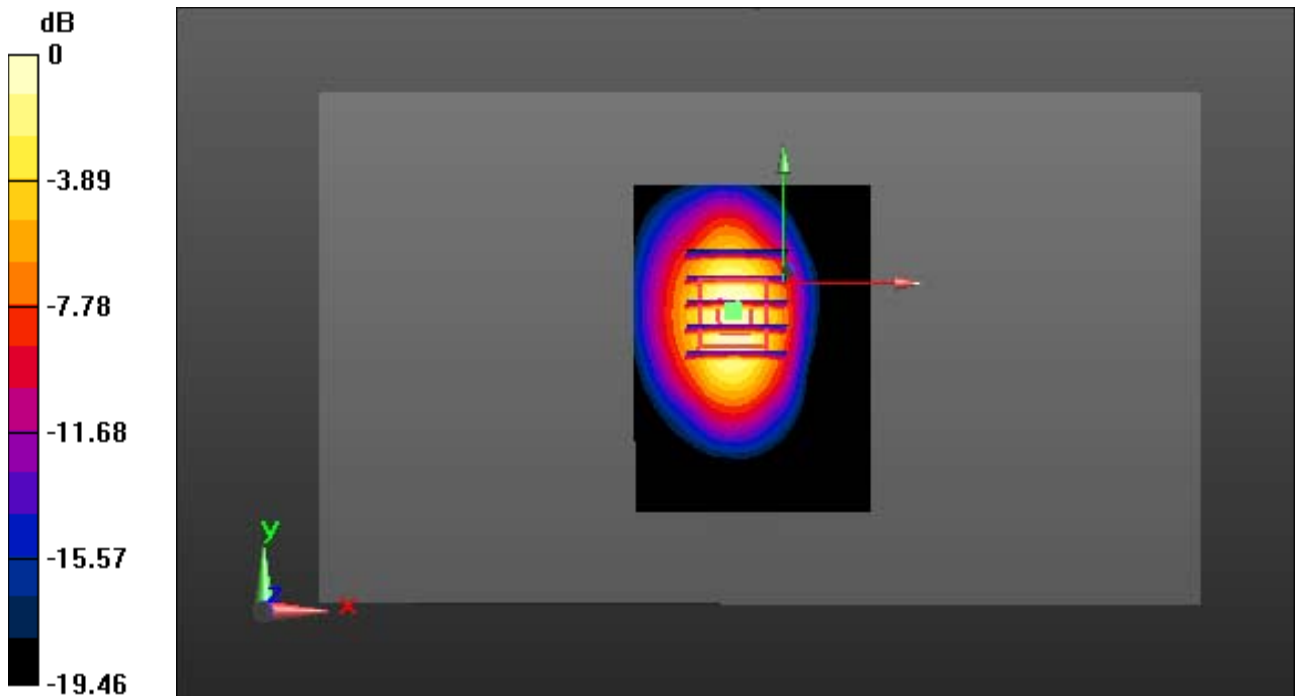
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg**



0 dB = 1.47 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**1.0 cm space from Body, Bottom, CDMA1900 Ch. 600, Ant.Internal**

**With Enlarge plot image**

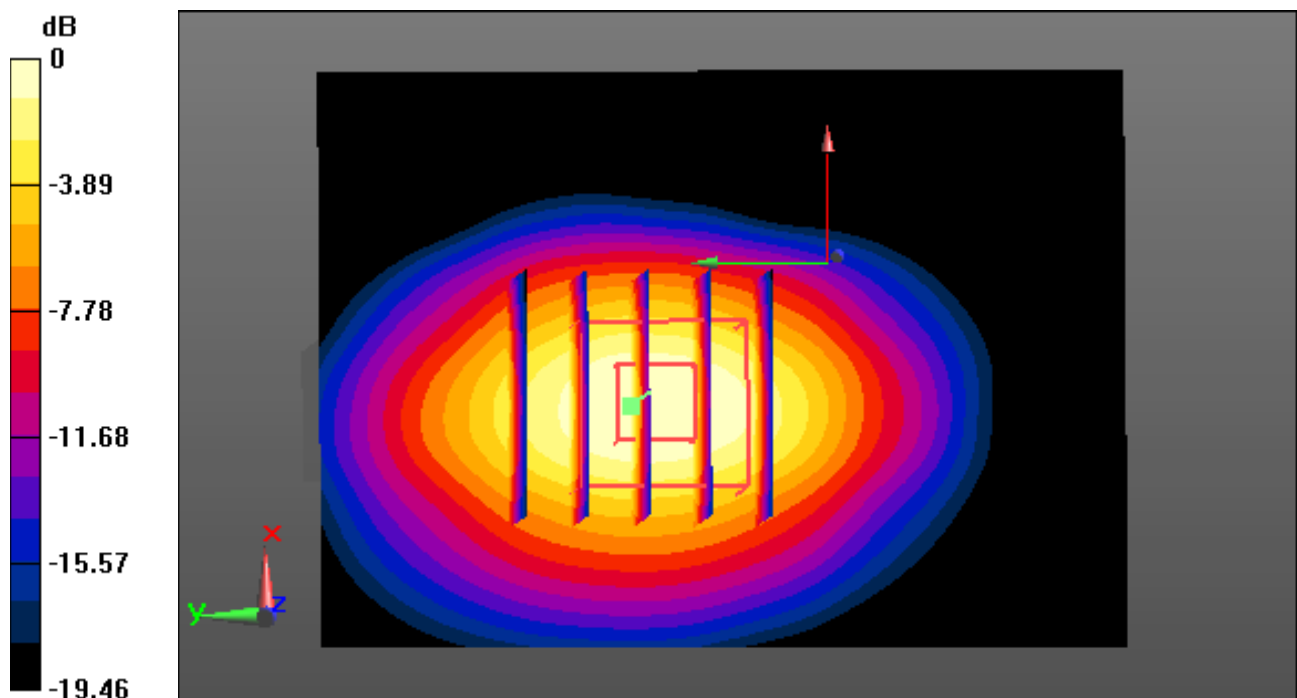
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg**



0 dB = 1.47 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: CDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.499$  S/m;  $\epsilon_r = 53.022$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-02; Ambient Temp: 22.0; Tissue Temp: 22.4

**1.0 cm space from Body, Bottom, CDMA1900 Ch. 600, Ant.Internal**

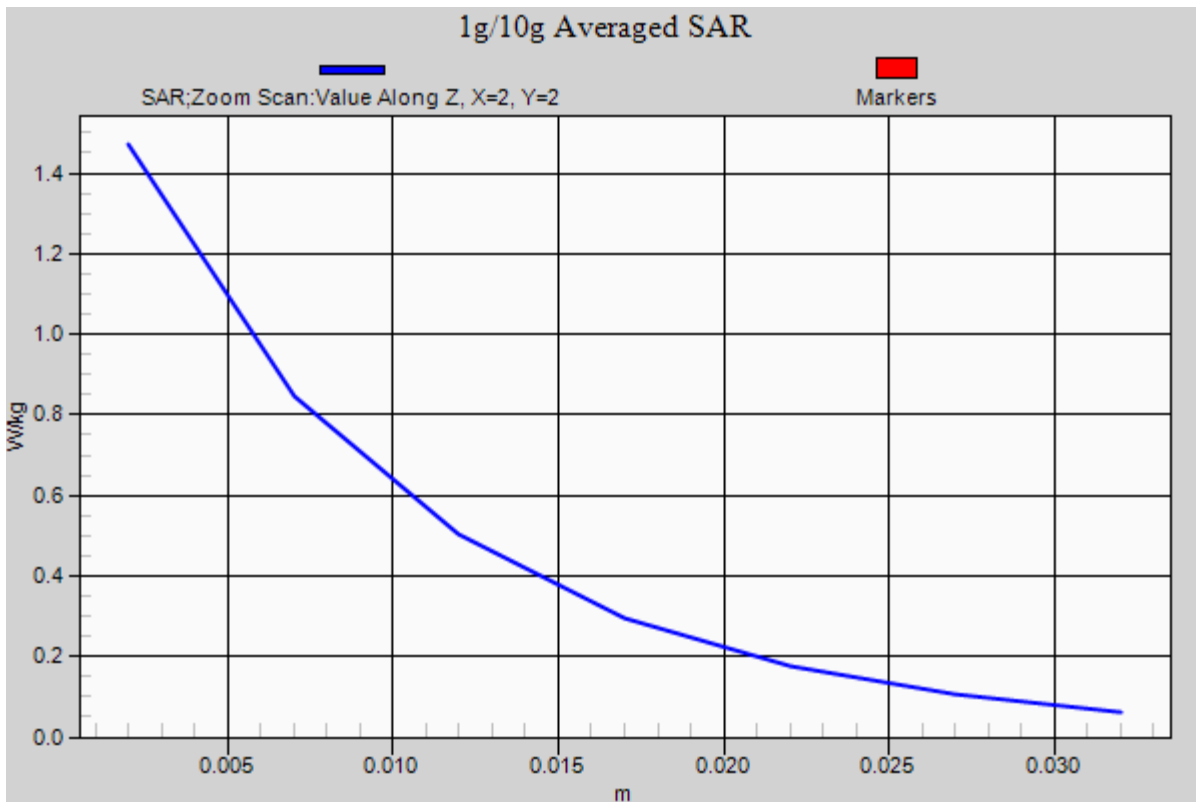
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Bottom, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal**

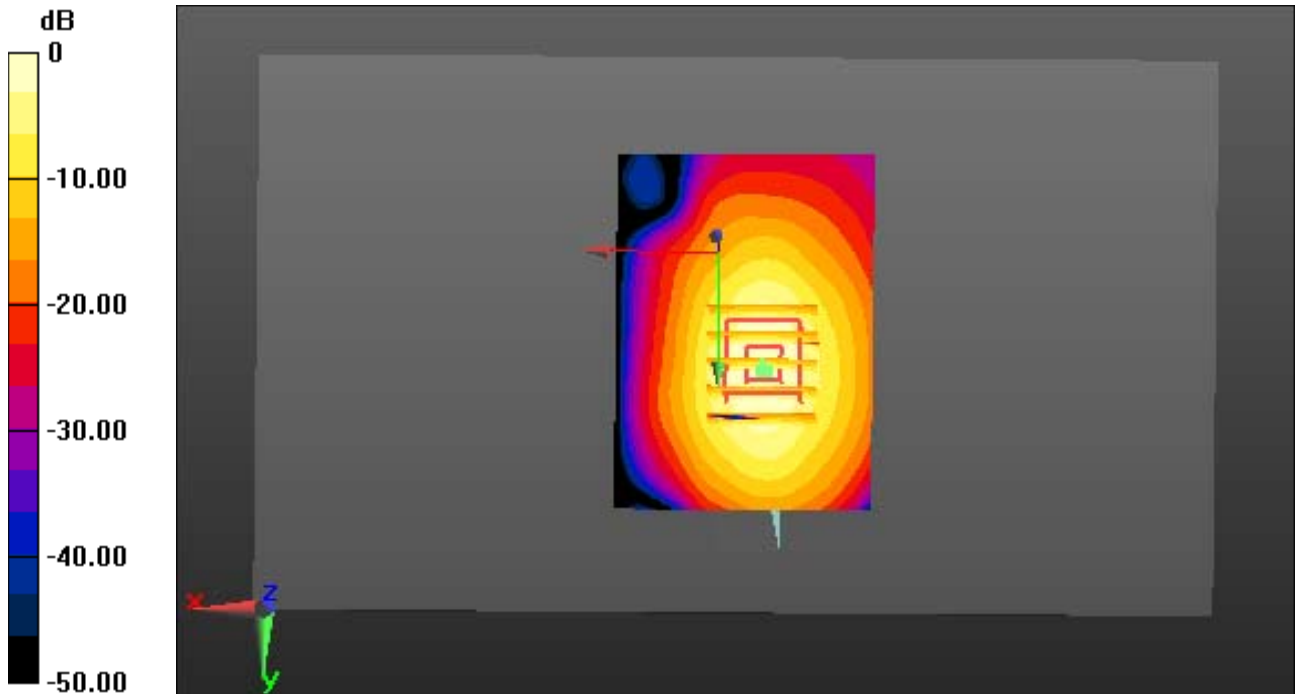
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.501 W/kg**



0 dB = 1.34 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Bottom, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal**

## **With Enlarge plot image**

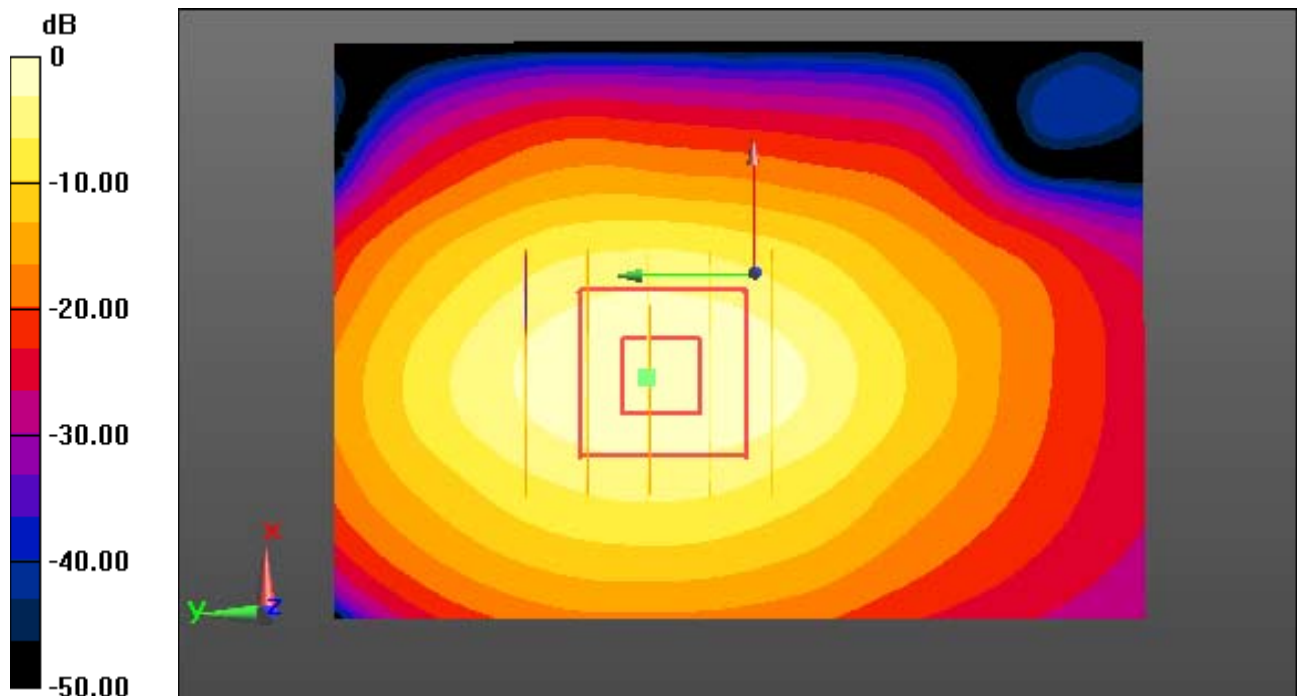
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.501 W/kg**



0 dB = 1.34 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: PCS1900\_4Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.511$  S/m;  $\epsilon_r = 52.218$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-01; Ambient Temp: 21.8; Tissue Temp: 22.3

**1.0 cm space from Body, Bottom, GSM1900 GPRS 4Tx Ch. 661, Ant.Internal**

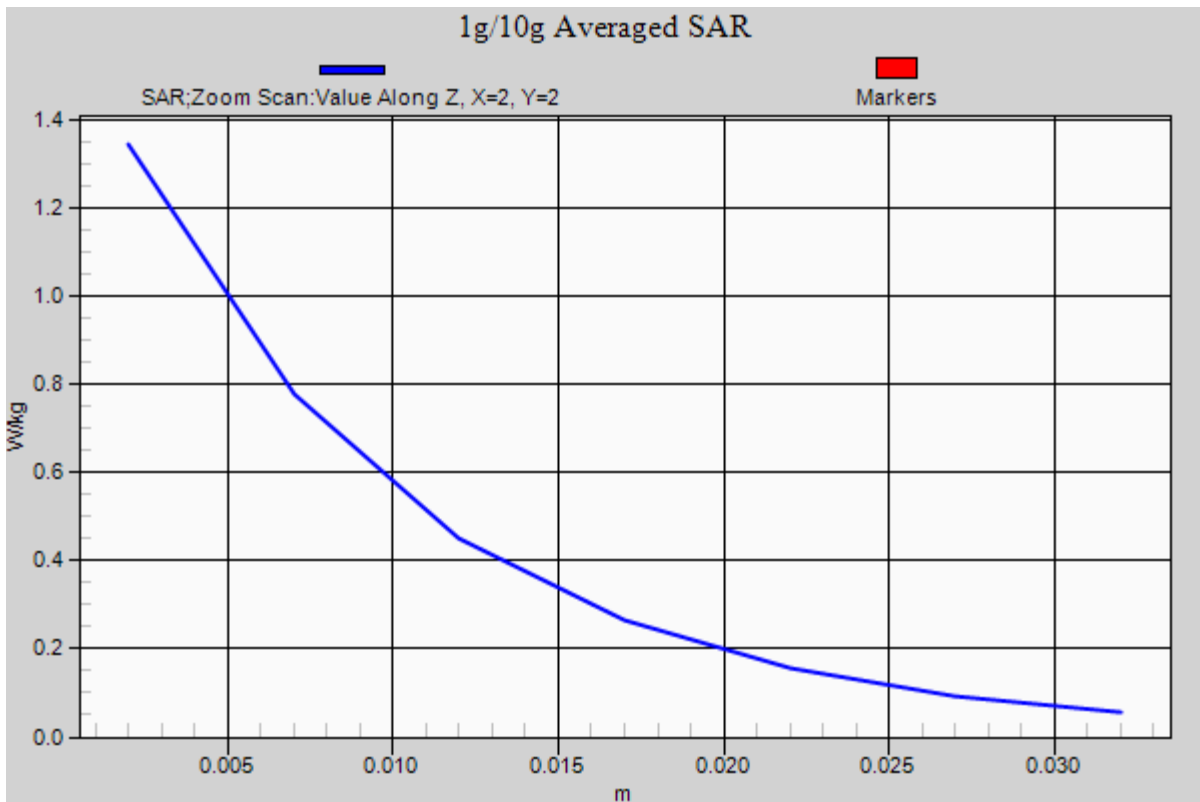
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.501 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

**1.0 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant.Internal**

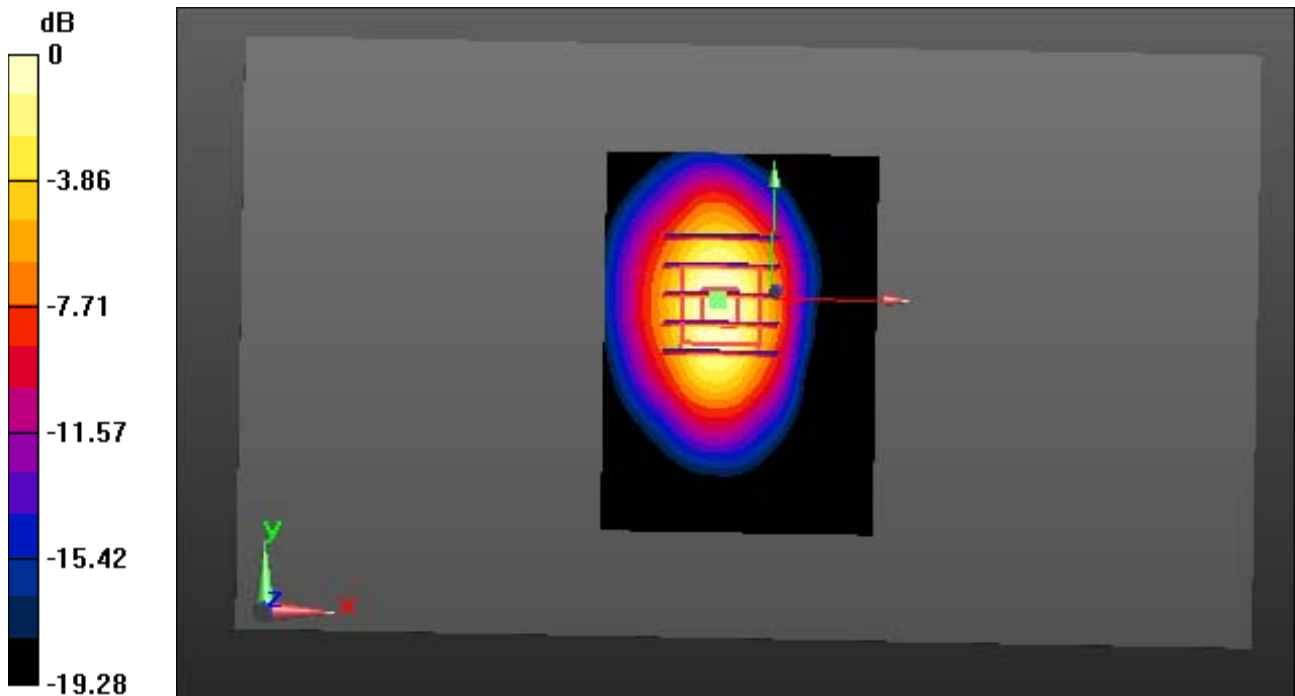
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.568 W/kg**



0 dB = 1.50 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

**1.0 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant.Internal**

**With Enlarge plot image**

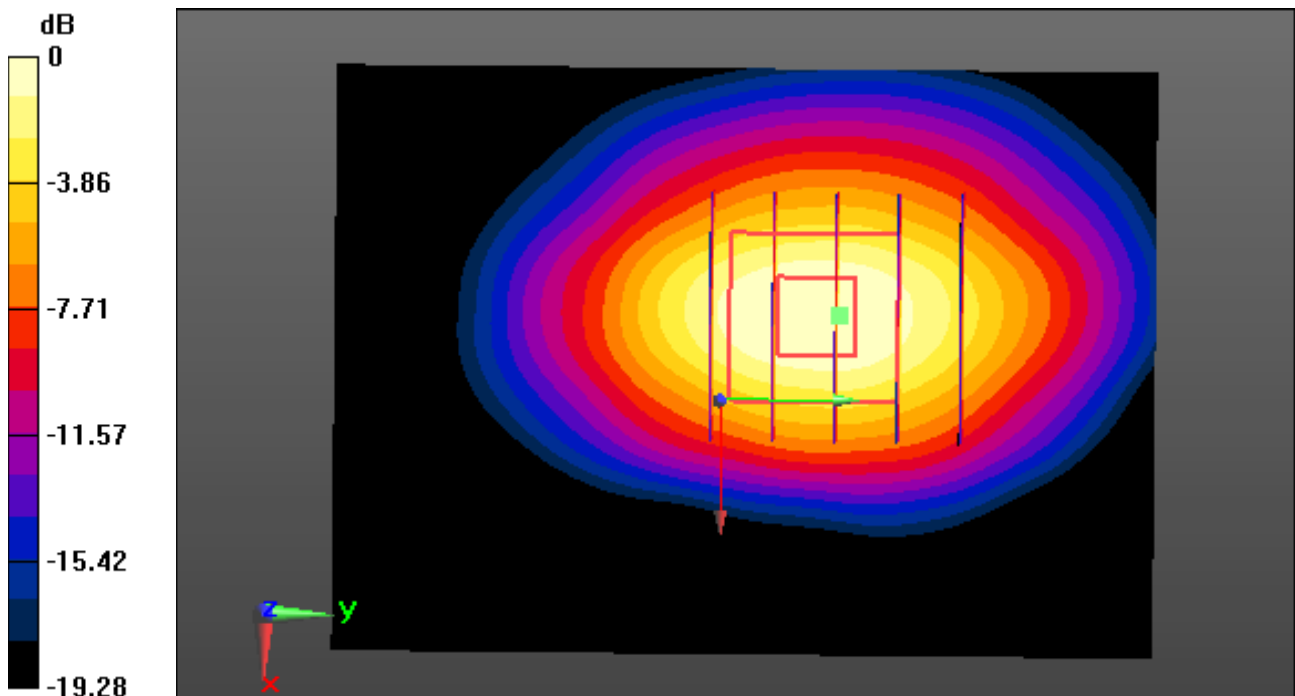
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.568 W/kg**



0 dB = 1.50 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  S/m;  $\epsilon_r = 52.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-03; Ambient Temp: 22.1; Tissue Temp: 22.5

**1.0 cm space from Body, Bottom, WCDMA1900 Ch. 9400, Ant.Internal**

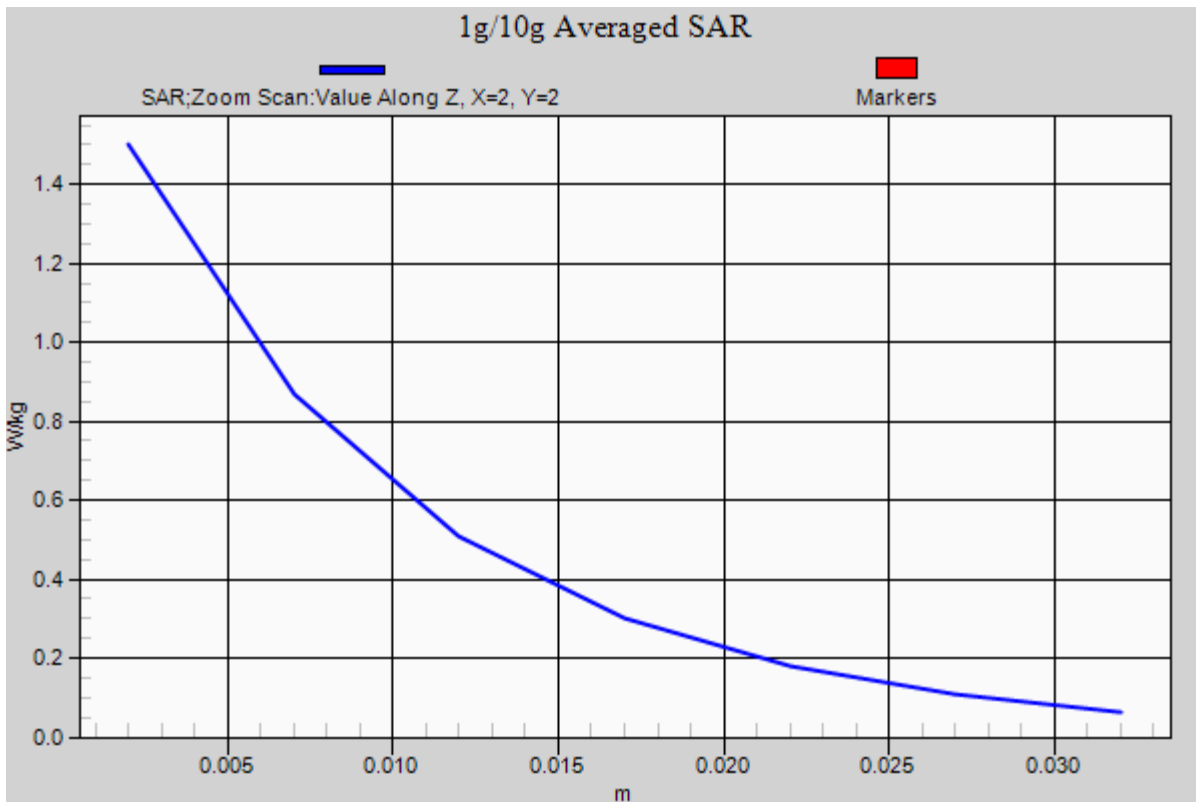
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.568 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 53.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

**1.0 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

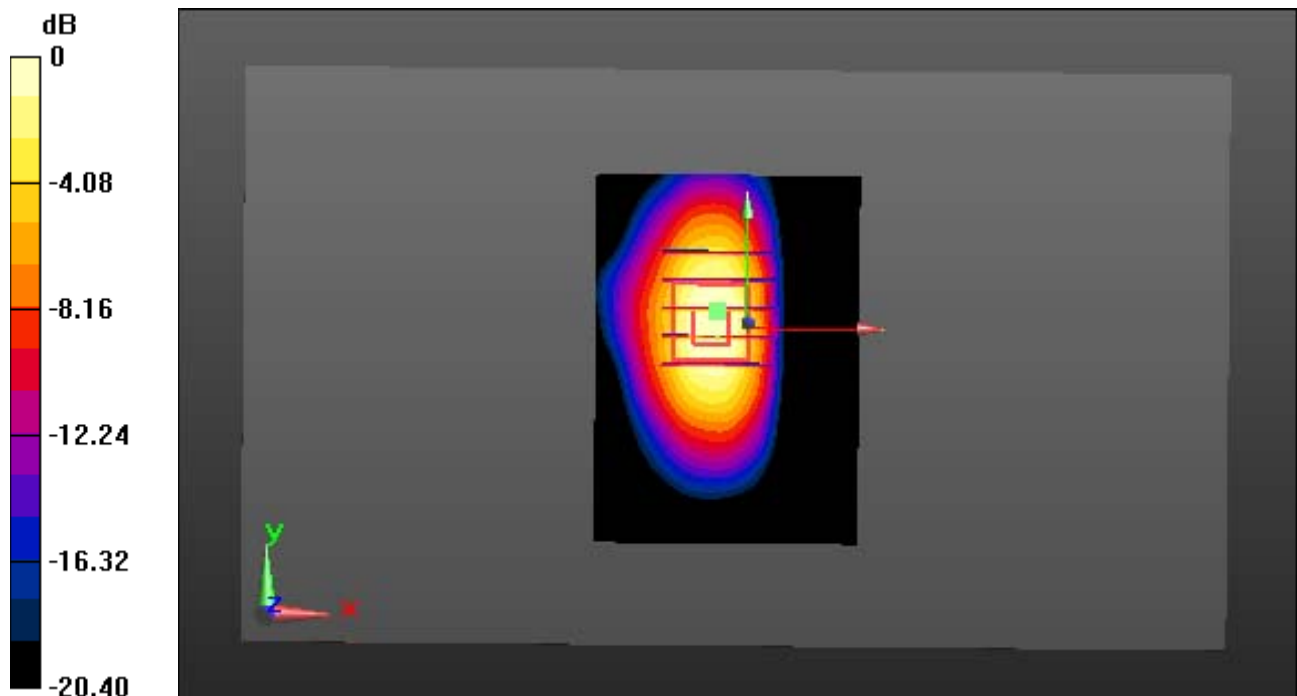
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.626 W/kg

**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.188 W/kg**



0 dB = 0.479 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 53.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

**1.0 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

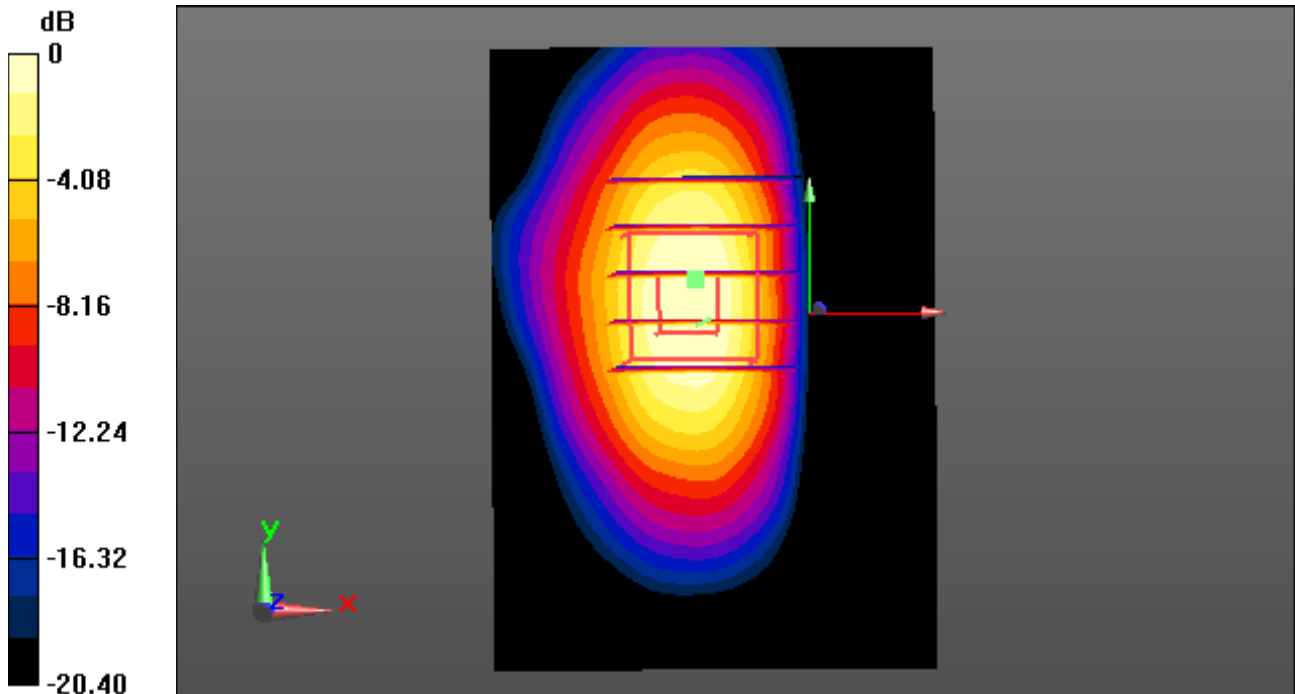
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.626 W/kg

**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.188 W/kg**



0 dB = 0.479 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Bnad 4(FCC) (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.488$  S/m;  $\epsilon_r = 53.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.64, 7.64, 7.64); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-07; Ambient Temp: 22.3 Tissue Temp:22.6

**1.0 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

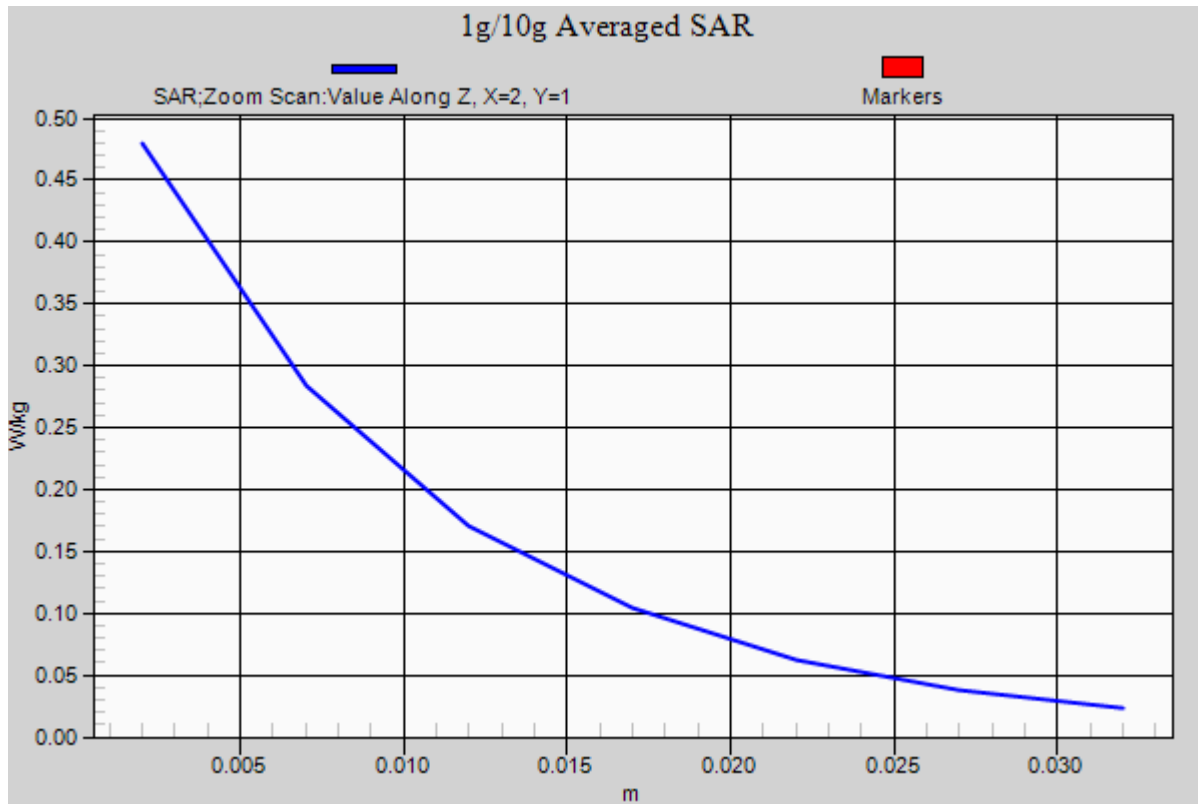
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.626 W/kg

**SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.188 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

**1.0 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

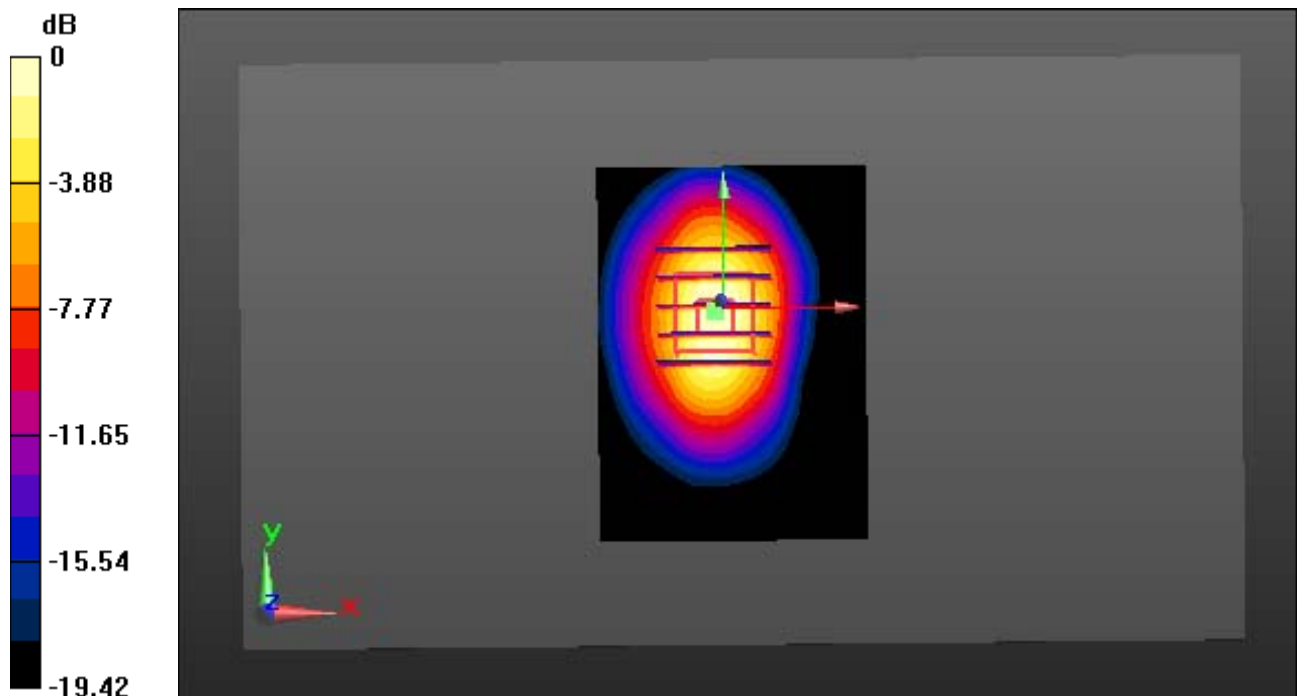
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.479 W/kg**



0 dB = 1.28 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

**1.0 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

**With Enlarge plot image**

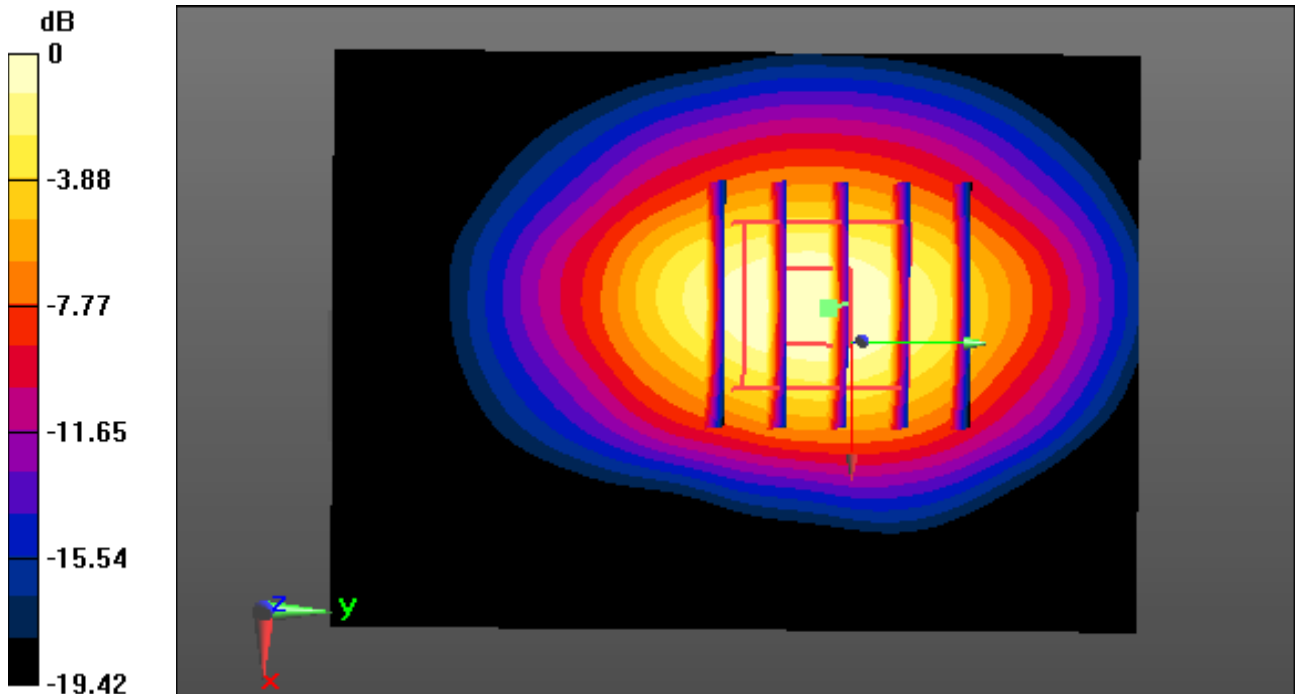
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.479 W/kg**



0 dB = 1.28 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: LTE Band 2(FCC) (0); Frequency: 1880 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.504$  S/m;  $\epsilon_r = 54.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.31, 7.31, 7.31); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-04; Ambient Temp: 21.7 Tissue Temp:22.1

**1.0 cm space from Body, Bottom, LTE Band 2 Ch. 18900, Ant Internal**

**Mode : Bandwidth 10 MHz, QPSK, RB Size : 1, Offset: 0**

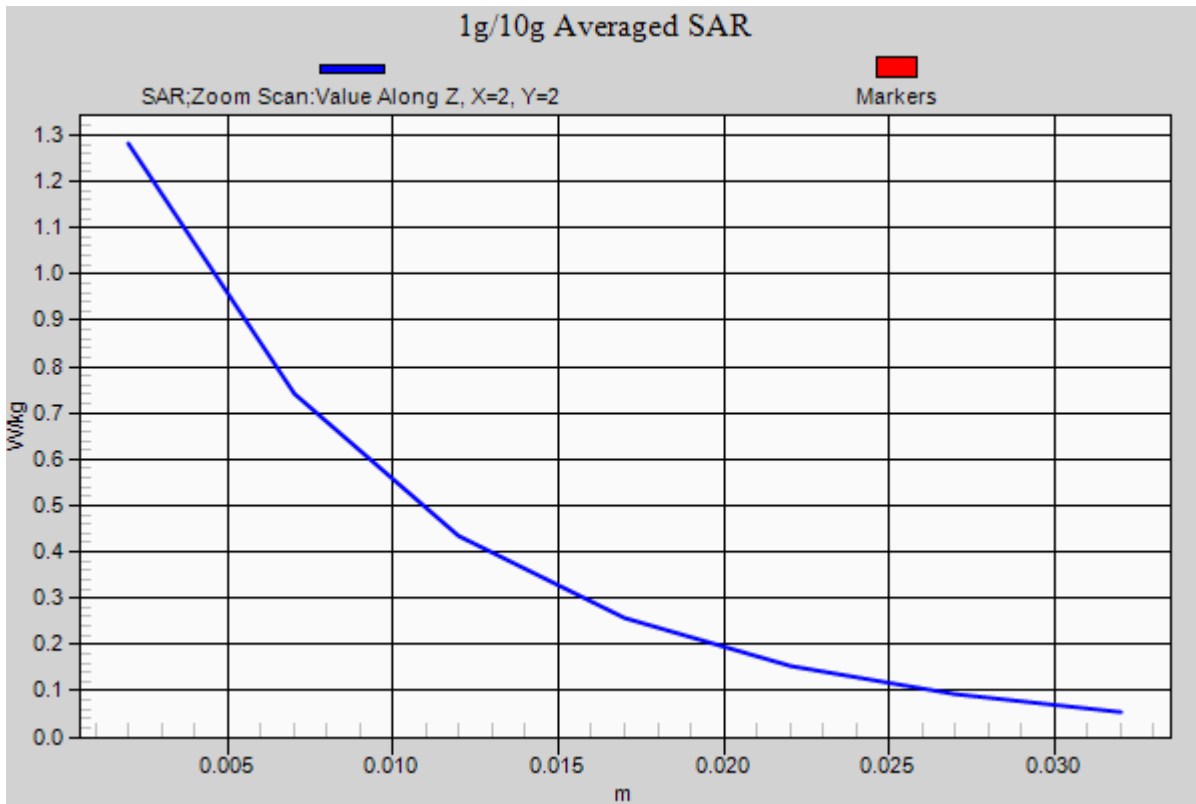
**Area Scan (51x71x1):** Interpolated grid: dx=15 mm, dy=15 mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.479 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

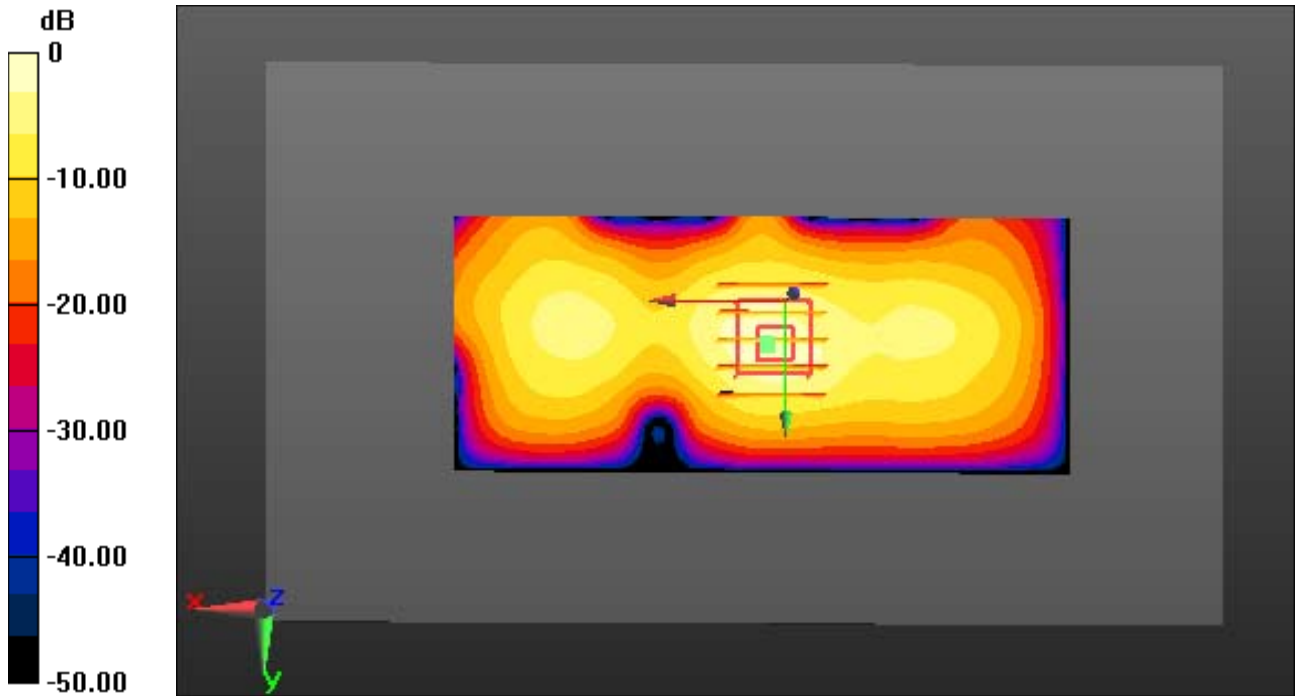
**Area Scan (121x51x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg**



0 dB = 0.220 W/kg



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

**With Enlarge plot image**

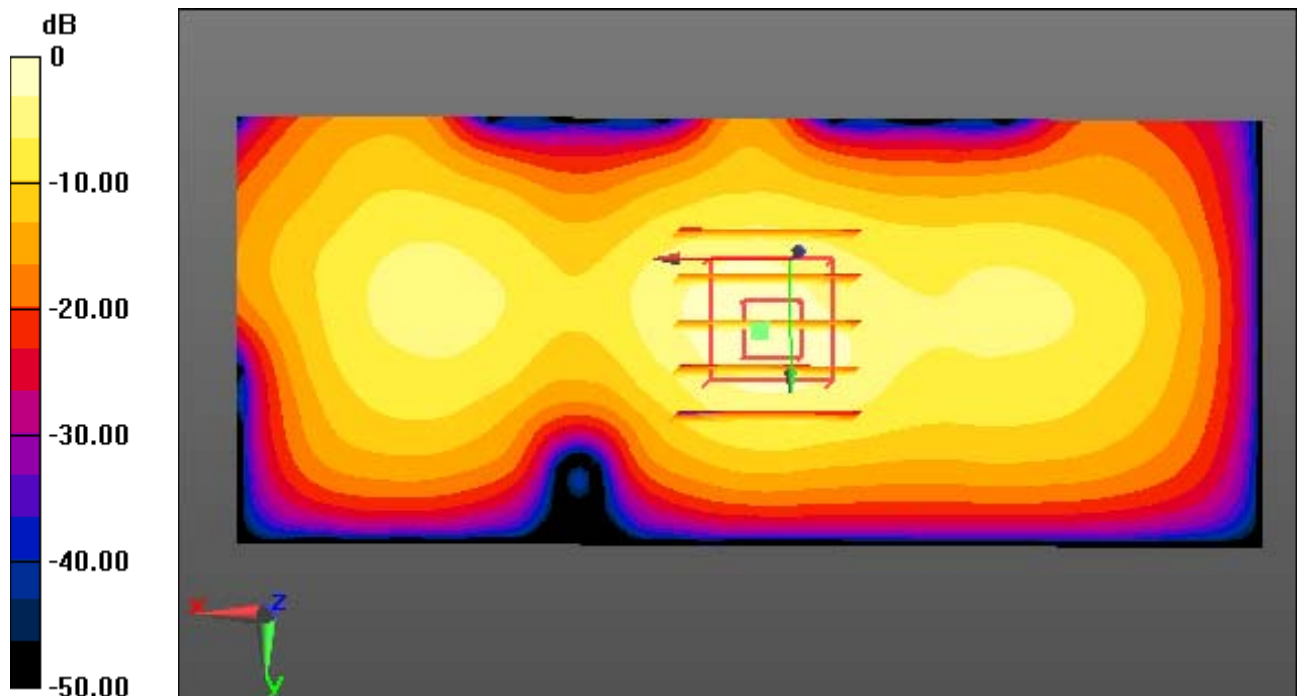
**Area Scan (121x51x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg**



0 dB = 0.220 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.004$  S/m;  $\epsilon_r = 52.081$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Center Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7, 7, 7); Calibrated: 5/27/2015; Electronics: DAE4 Sn1391  
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-09-10; Ambient Temp: 22.5; Tissue Temp: 22.8

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

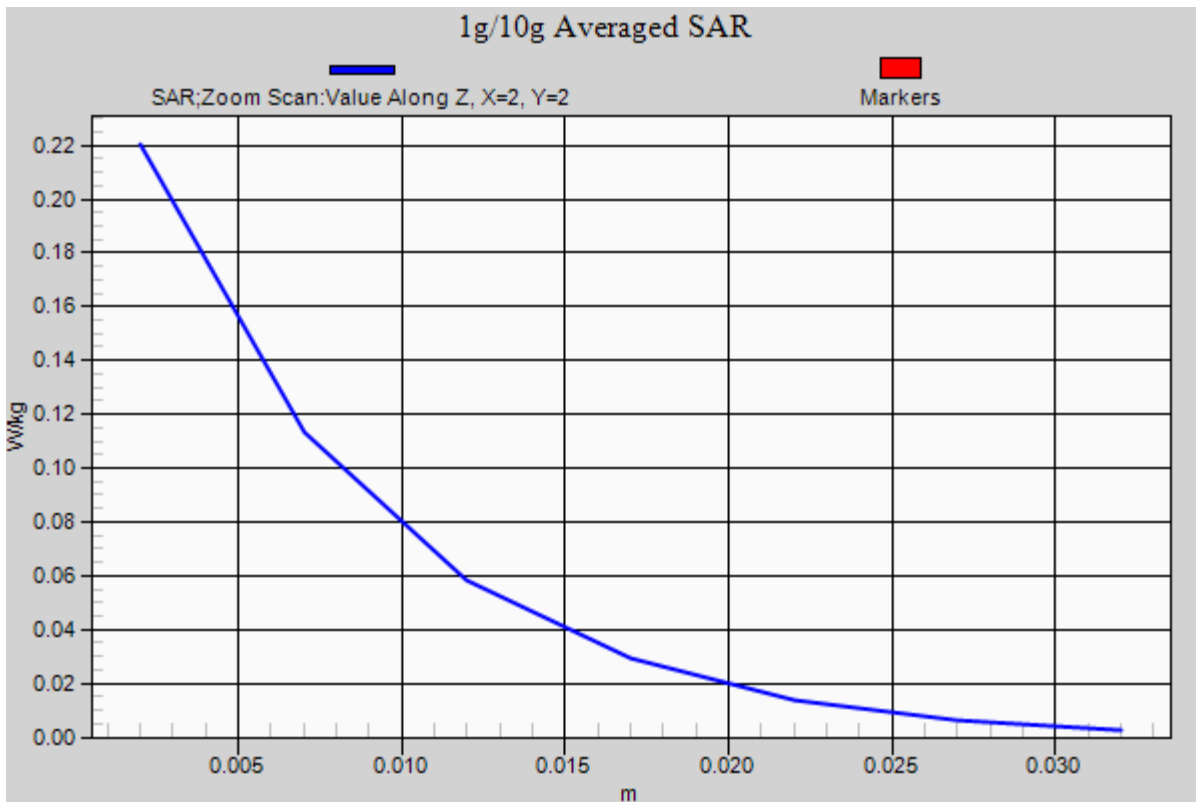
**Area Scan (121x51x1):** Interpolated grid: dx=12 mm, dy=12 mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg**



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.682$  S/m;  $\epsilon_r = 36.374$ ;  $\rho = 1000$  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 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: 2015-12-04; Ambient Temp: 21.4; Tissue Temp: 21.8

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

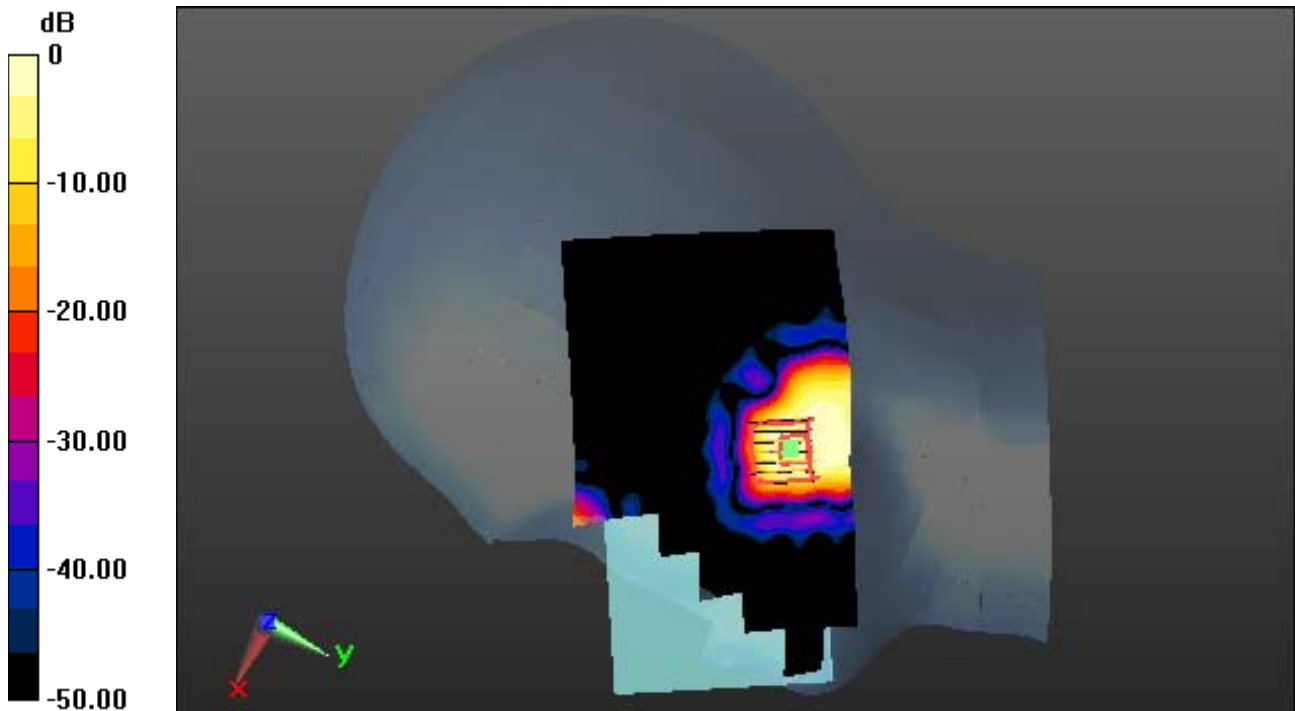
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0930 W/kg

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



0 dB = 0.0632 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.682$  S/m;  $\epsilon_r = 36.374$ ;  $\rho = 1000$  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 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: 2015-12-04; Ambient Temp: 21.4; Tissue Temp: 21.8

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

**With Enlarge plot image**

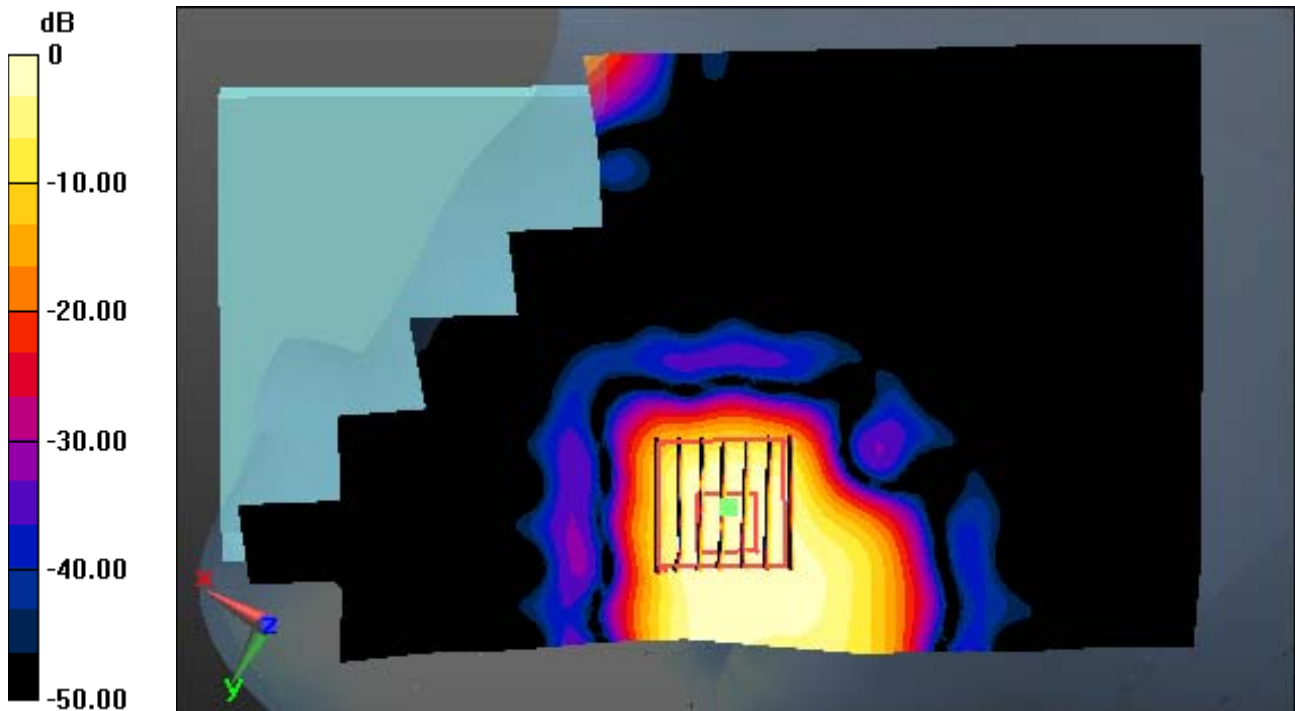
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0930 W/kg

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



0 dB = 0.0632 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.682$  S/m;  $\epsilon_r = 36.374$ ;  $\rho = 1000$  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 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: 2015-12-04; Ambient Temp: 21.4; Tissue Temp: 21.8

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

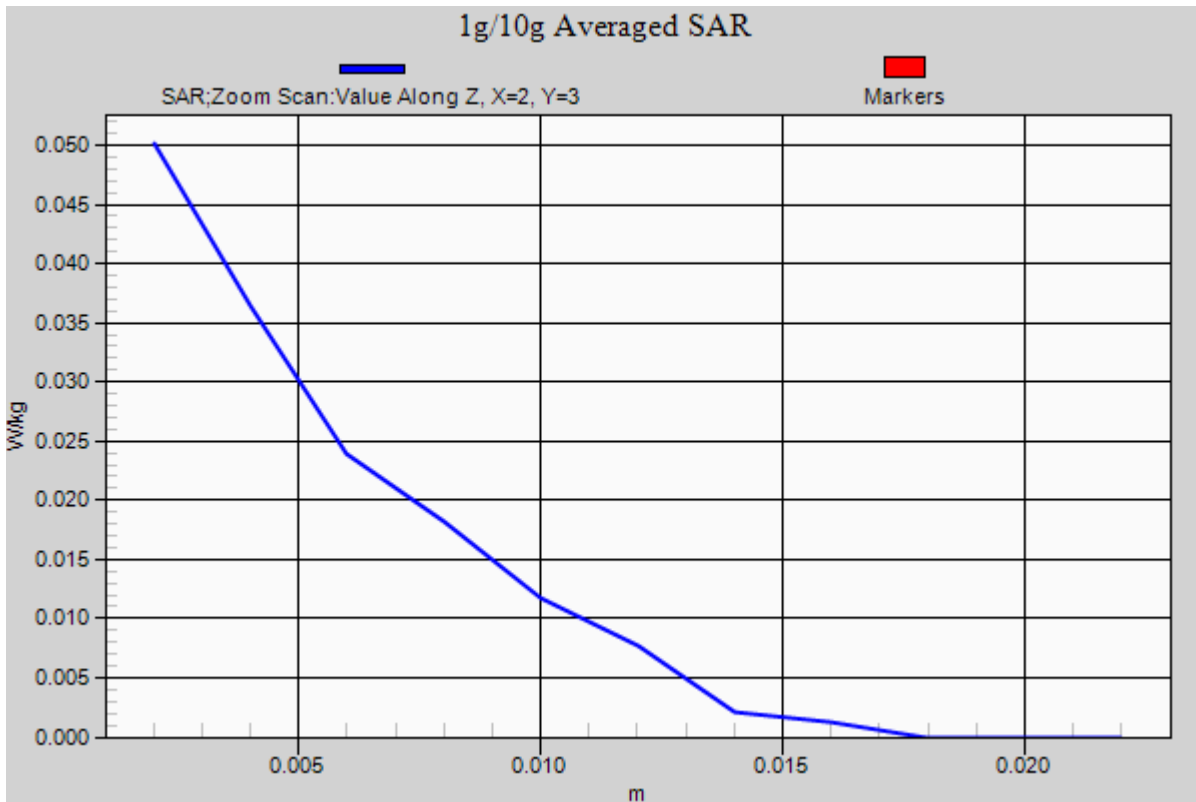
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0930 W/kg

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



# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 4.933$  S/m;  $\epsilon_r = 34.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); 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: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

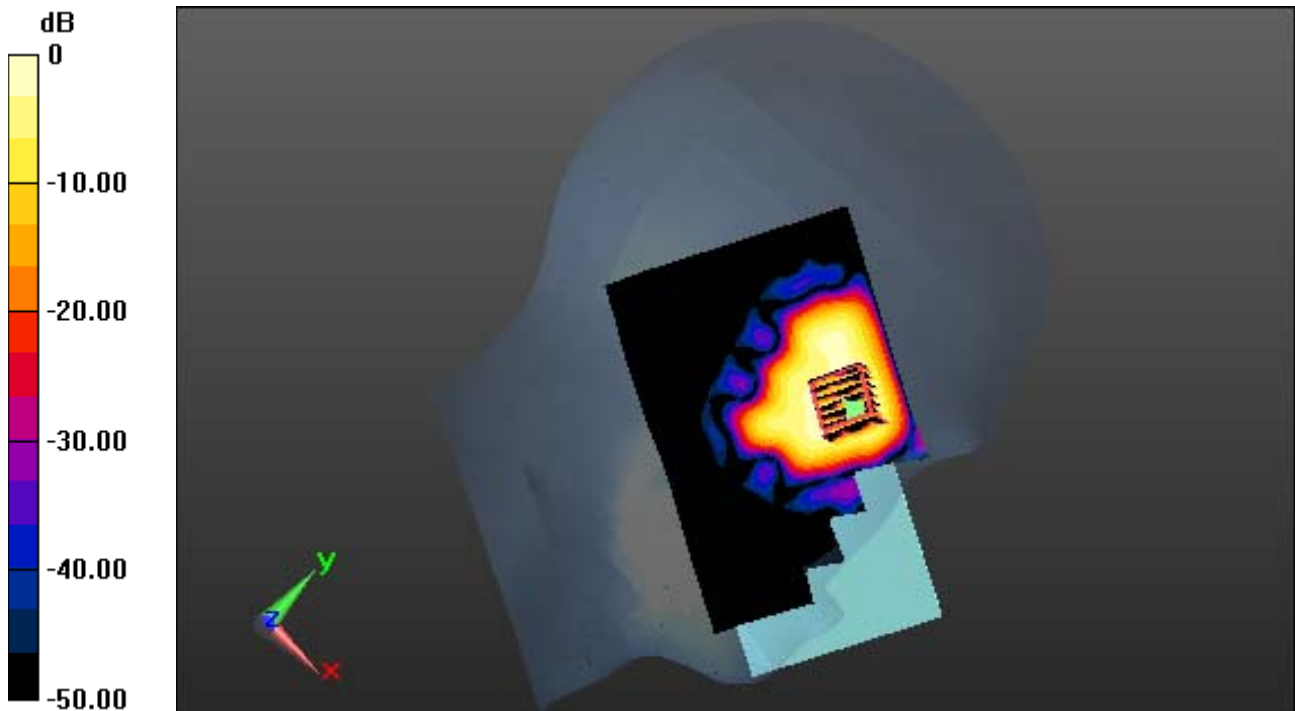
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.012 W/kg**



0 dB = 0.0550 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 4.933$  S/m;  $\epsilon_r = 34.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); 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: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

**With Enlarge plot image**

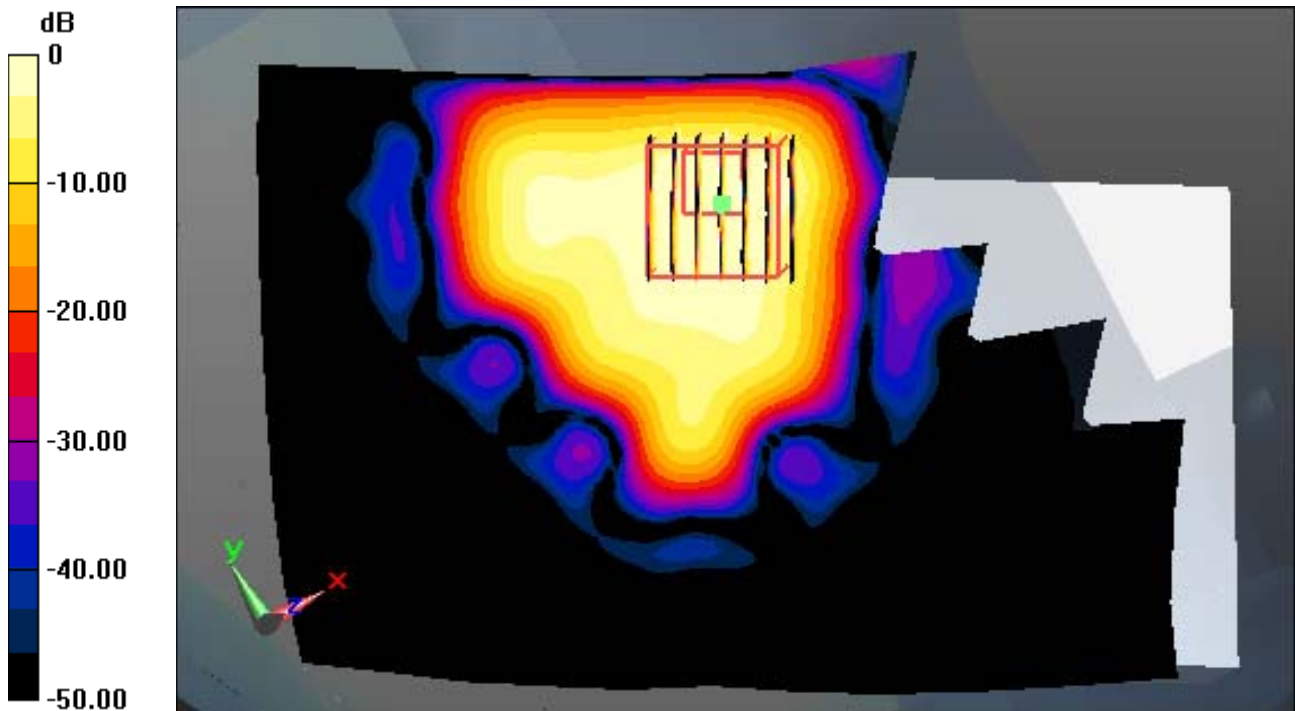
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.012 W/kg**



0 dB = 0.0550 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5580$  MHz;  $\sigma = 4.933$  S/m;  $\epsilon_r = 34.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.33, 4.33, 4.33); 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: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

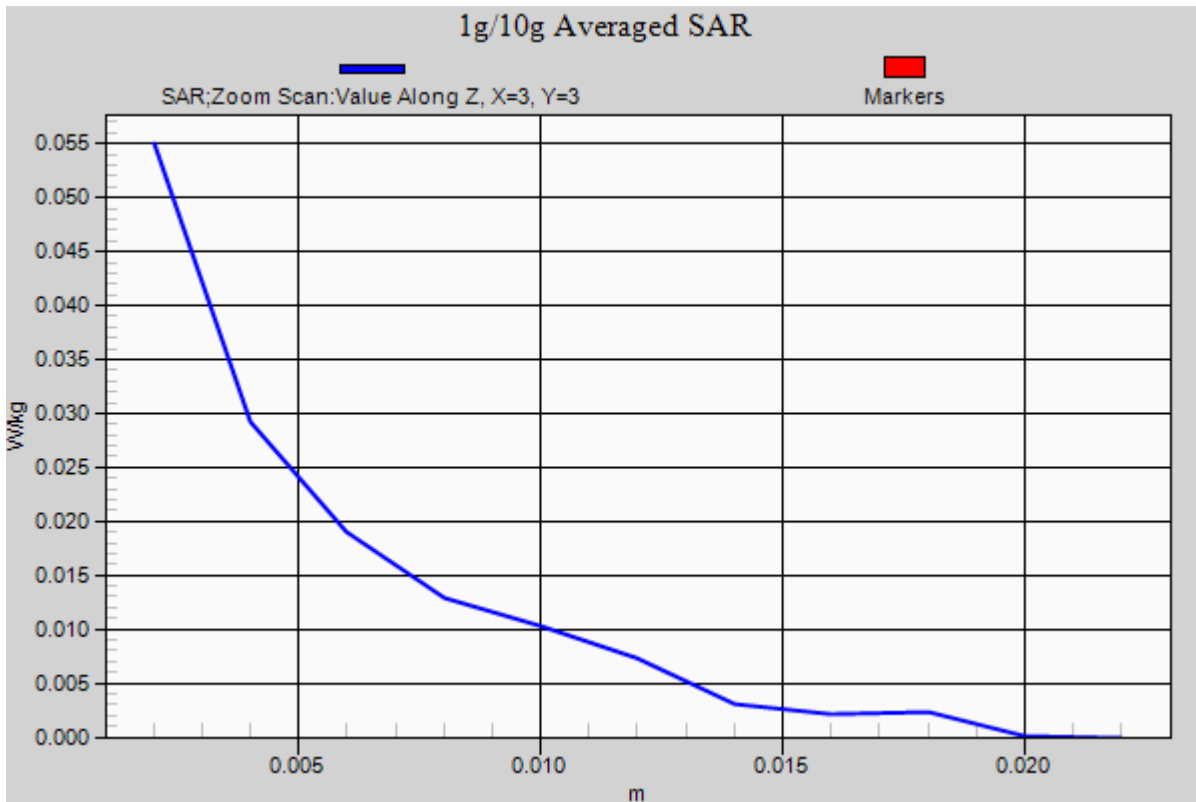
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.012 W/kg**





# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.368$  S/m;  $\epsilon_r = 34.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); 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: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

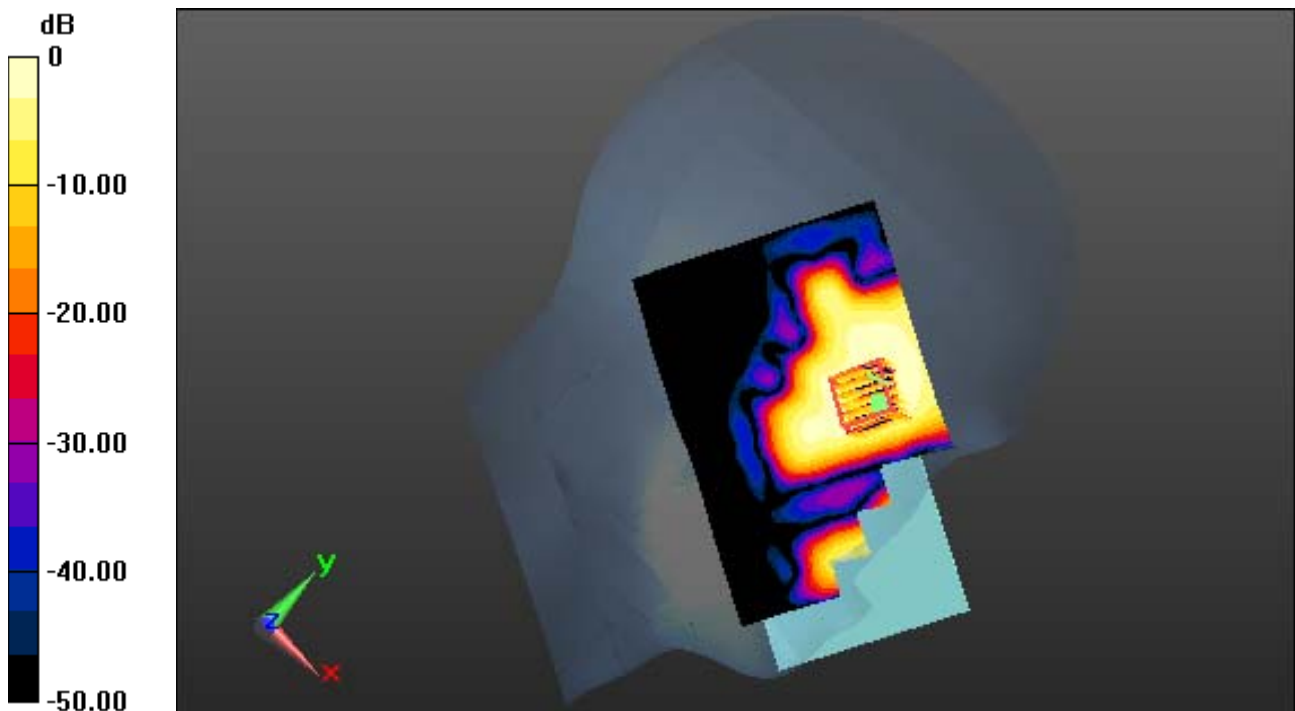
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg**



0 dB = 0.0846 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.368$  S/m;  $\epsilon_r = 34.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); 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: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

**Left Touch, W-LAN(802.11a - 5.: G) Ch. 149, Ant Internal, Standard Battery**

**With Enlarge plot image**

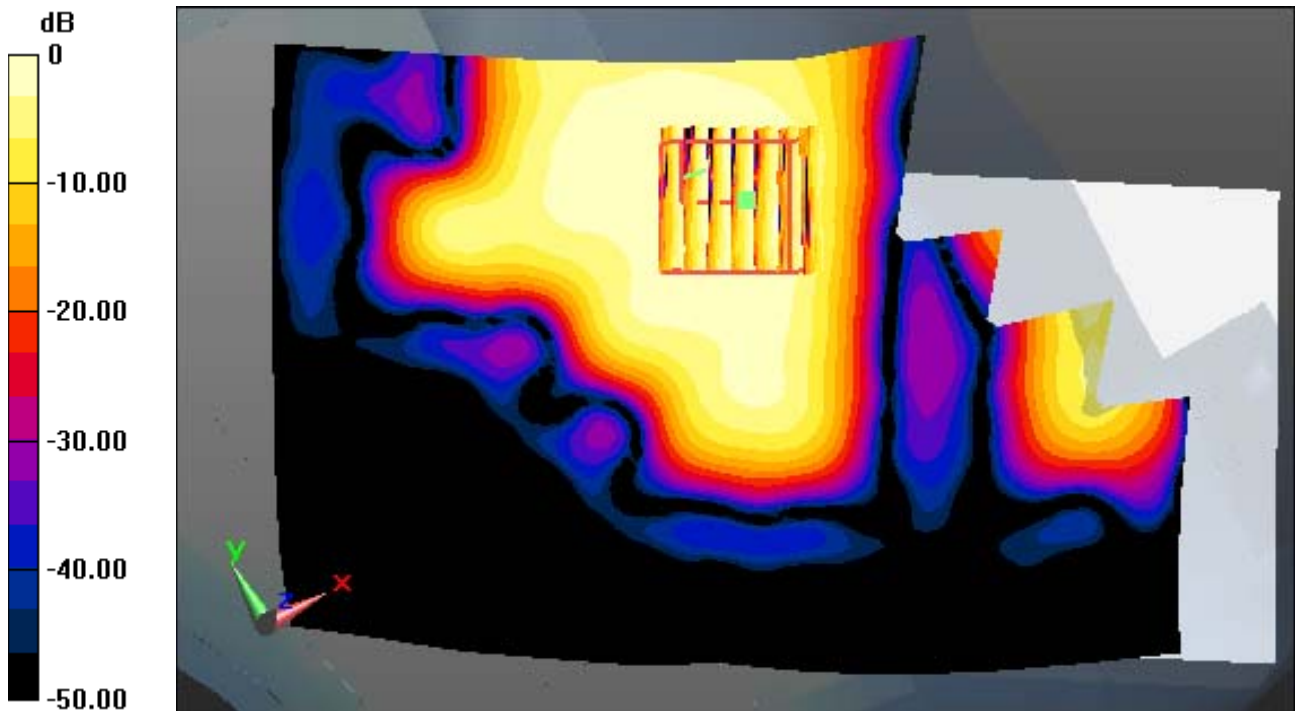
**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg**



0 dB = 0.0846 W/kg

# DT&C Co., Ltd.

**DUT: EF500; Type: PDA**

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.368$  S/m;  $\epsilon_r = 34.43$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.57, 4.57, 4.57); 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: 2015-12-05; Ambient Temp: 21.6; Tissue Temp: 21.9

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

**Area Scan (71x111x1):** Interpolated grid: dx=10 mm, dy=10 mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.022 W/kg**

