

## **SAR Plots**

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.834$  S/m;  $\epsilon_r = 38.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.8

### **2450 MHz System Verification**

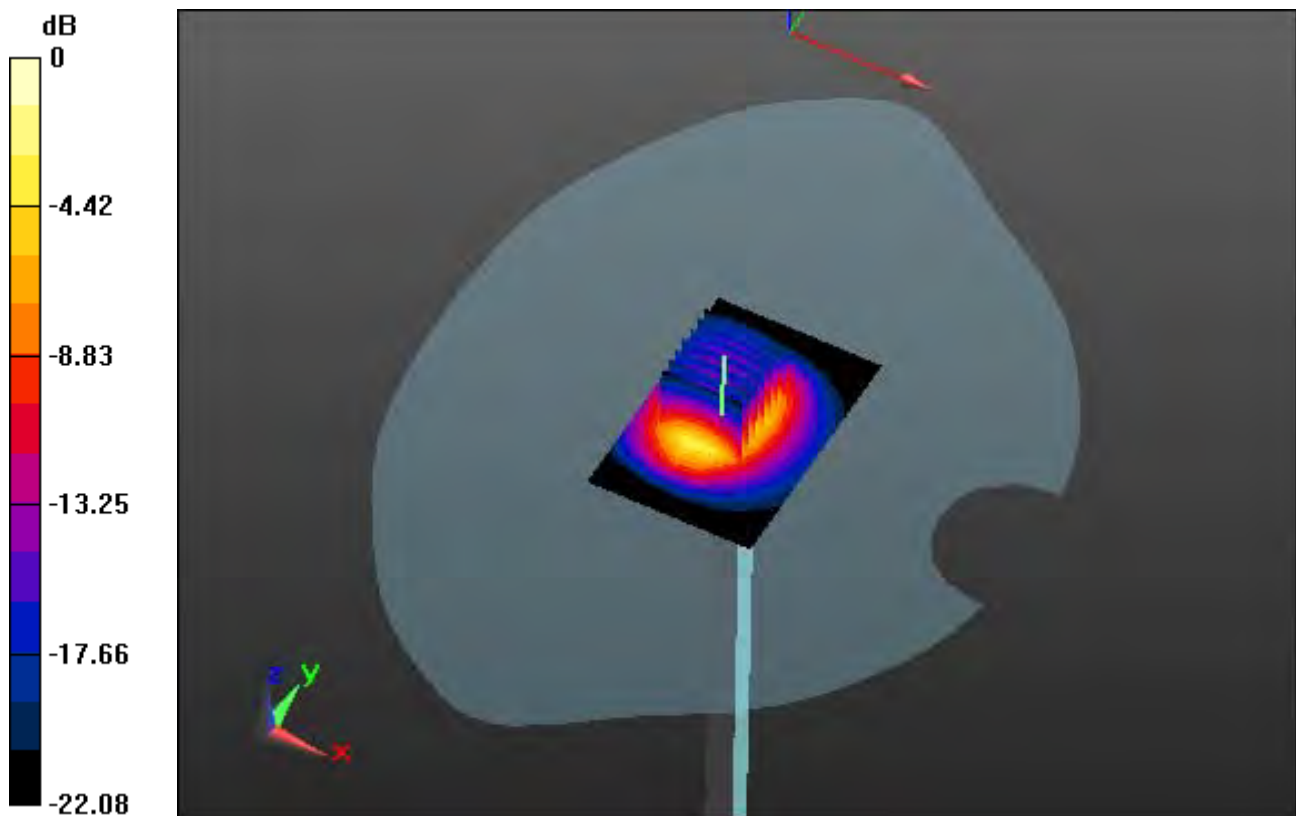
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 28.6 W/kg

**SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.41 W/kg**



0 dB = 18.3 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.834$  S/m;  $\epsilon_r = 38.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.7

### **2450 MHz System Verification**

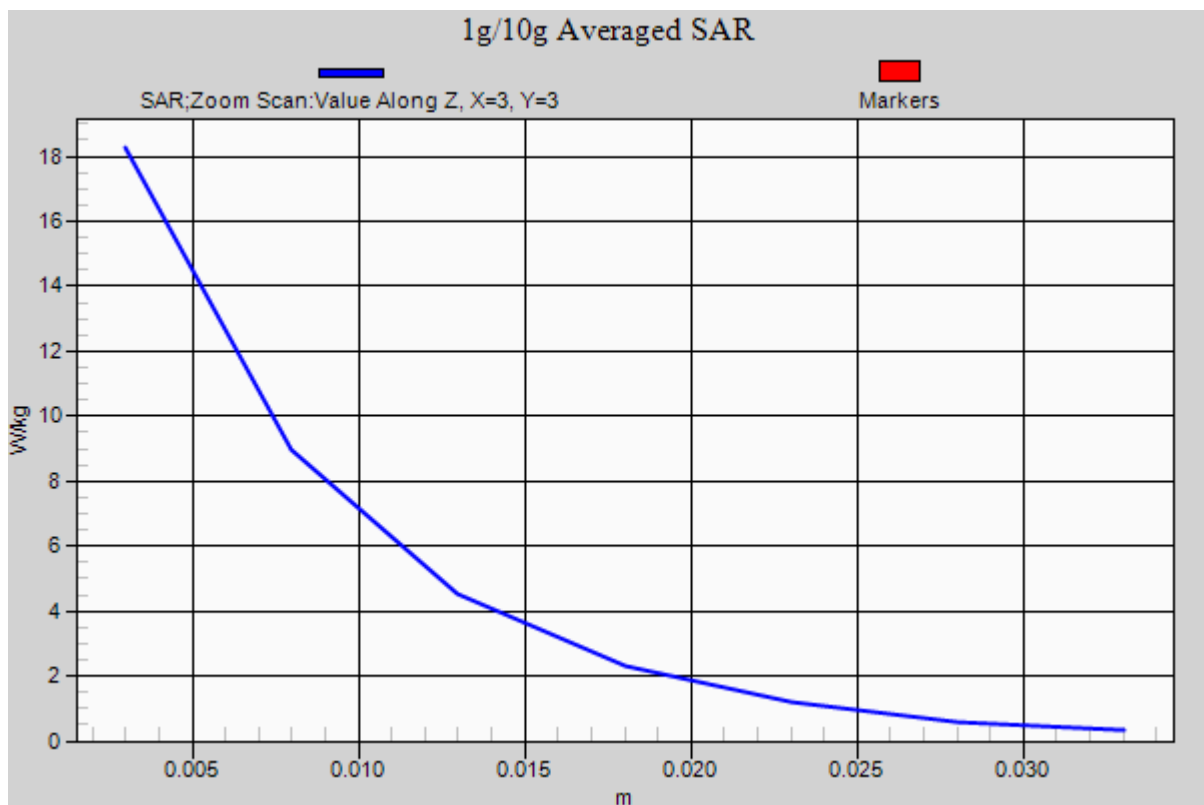
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 28.6 W/kg

**SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.41 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.003$  S/m;  $\epsilon_r = 51.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.7

### **2450 MHz System Verification**

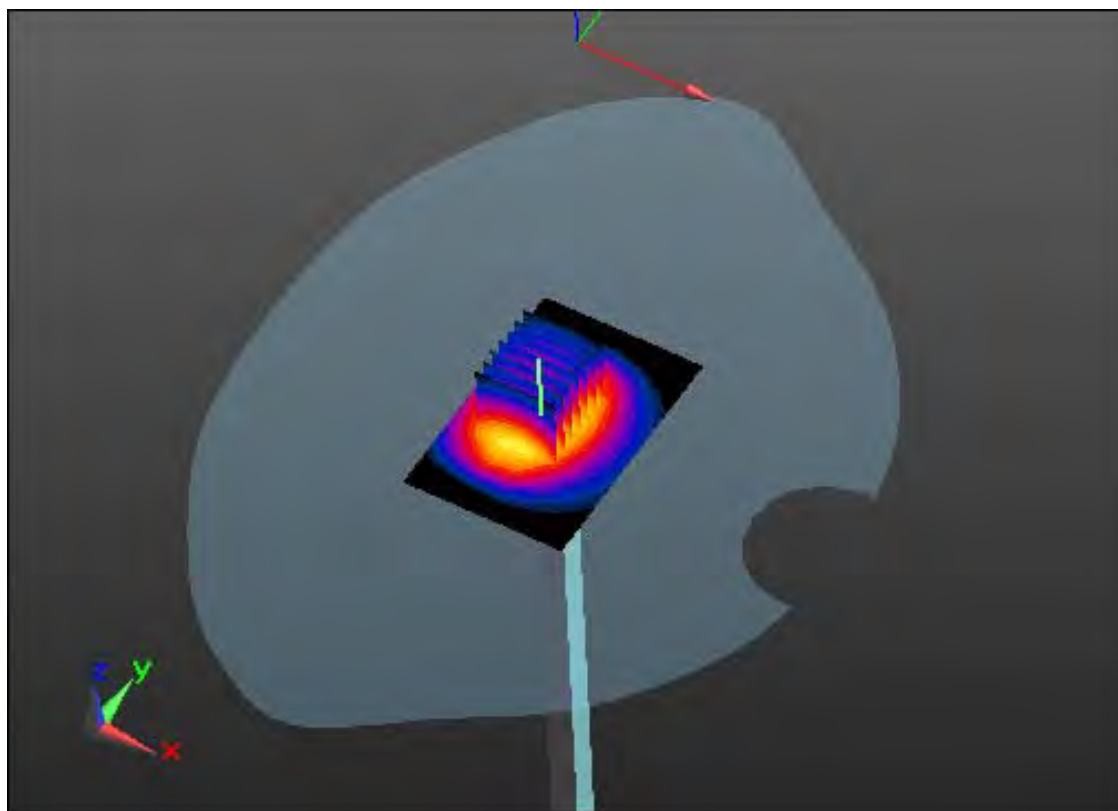
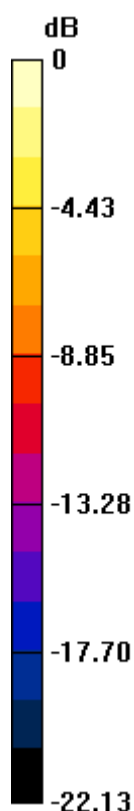
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 29.6 W/kg

**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.36 W/kg**



0 dB = 19.1 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.003$  S/m;  $\epsilon_r = 51.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.7

### **2450 MHz System Verification**

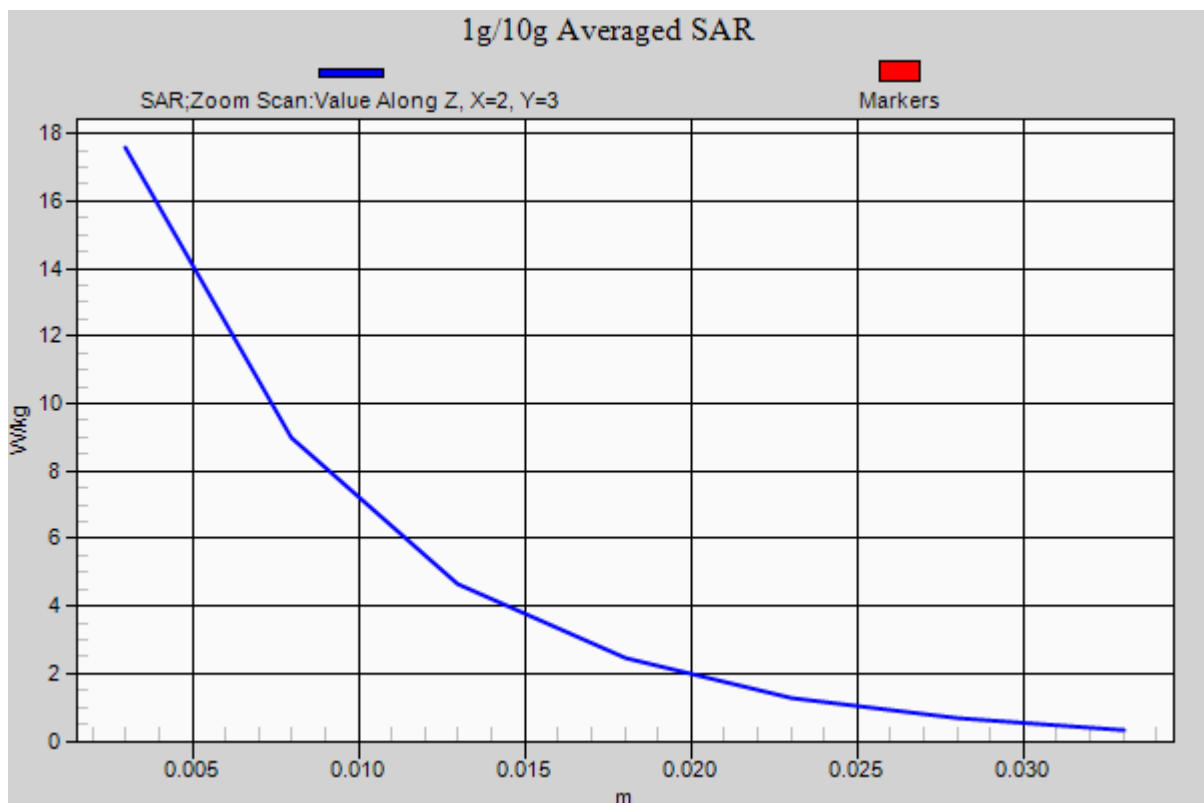
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 29.6 W/kg

**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.36 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.61$  S/m;  $\epsilon_r = 35.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.11, 5.11, 5.11); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.6

### **5300 MHz System Verification**

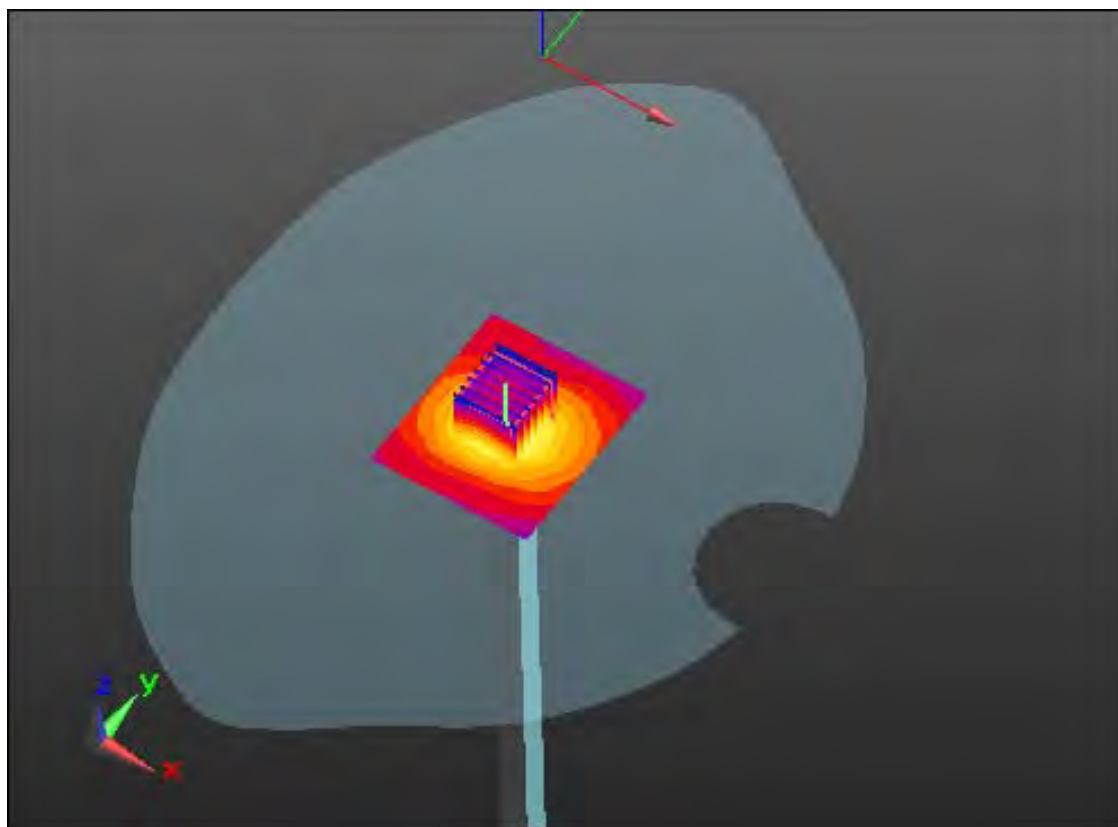
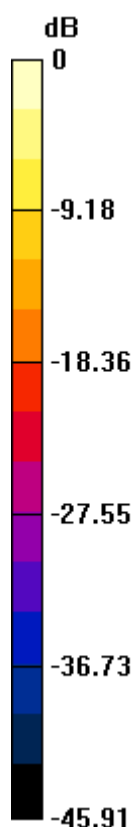
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 34.7 W/kg

**SAR(1 g) = 8.76 W/kg; SAR(10 g) = 2.5 W/kg**



0 dB = 18.2 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.61$  S/m;  $\epsilon_r = 35.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.11, 5.11, 5.11); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.6

### **5300 MHz System Verification**

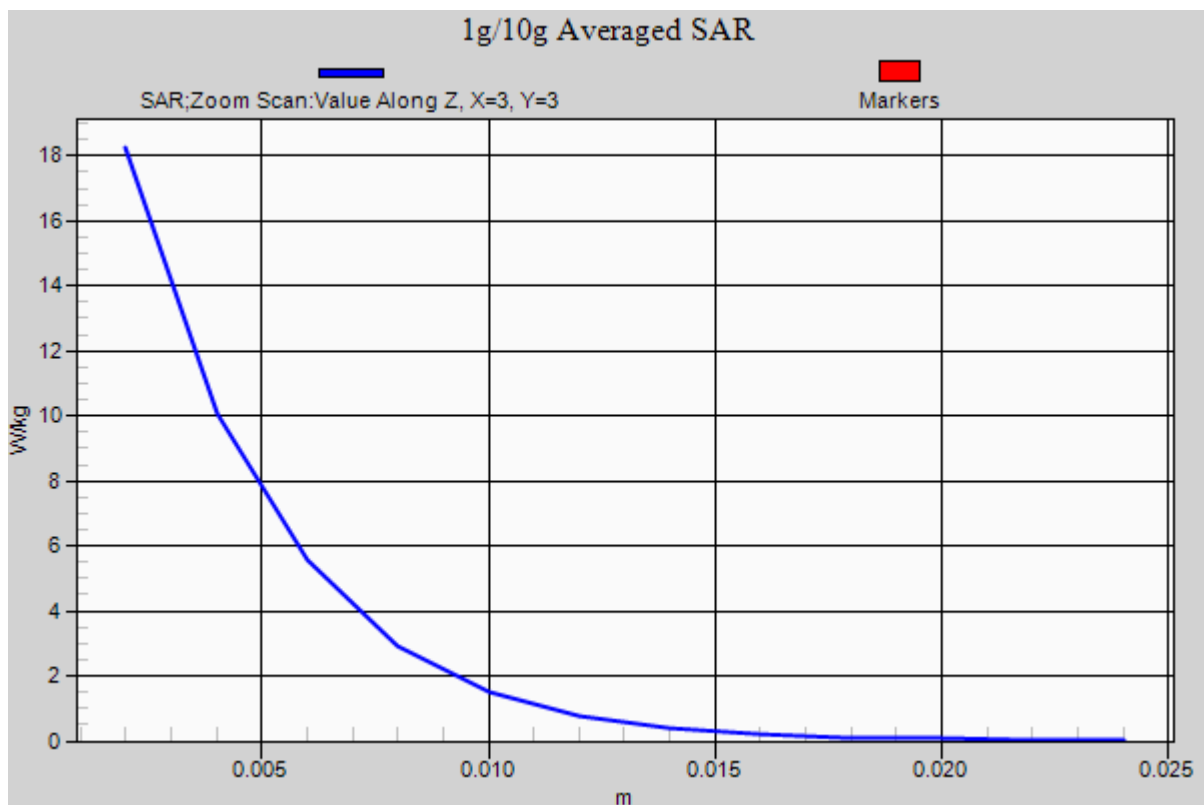
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 34.7 W/kg

**SAR(1 g) = 8.76 W/kg; SAR(10 g) = 2.5 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.391$  S/m;  $\epsilon_r = 48.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

### **5300 MHz System Verification**

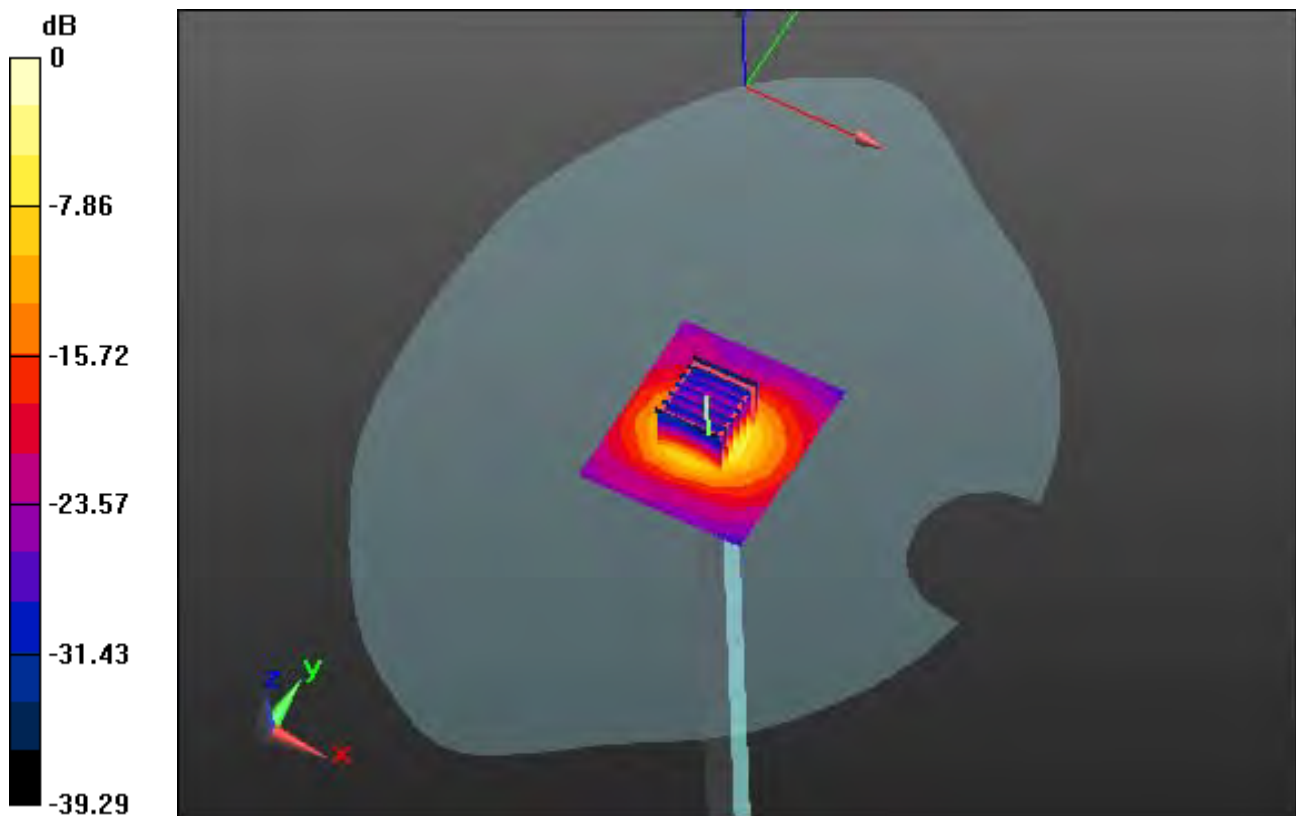
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 33.7 W/kg

**SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.17 W/kg**



0 dB = 20.4 W/kg



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.391$  S/m;  $\epsilon_r = 48.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

### **5300 MHz System Verification**

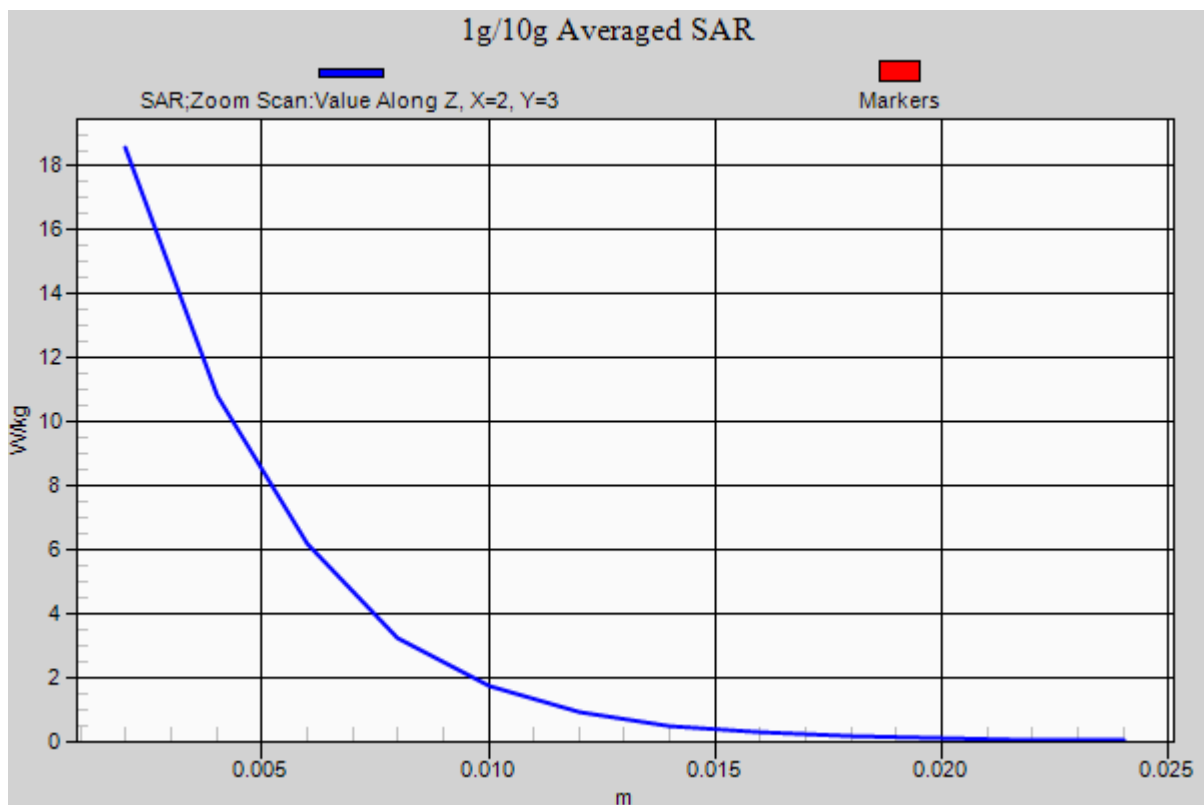
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.7 W/kg

**SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.17 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.897$  S/m;  $\epsilon_r = 35.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.75, 4.75, 4.75); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.5

### **5600 MHz System Verification**

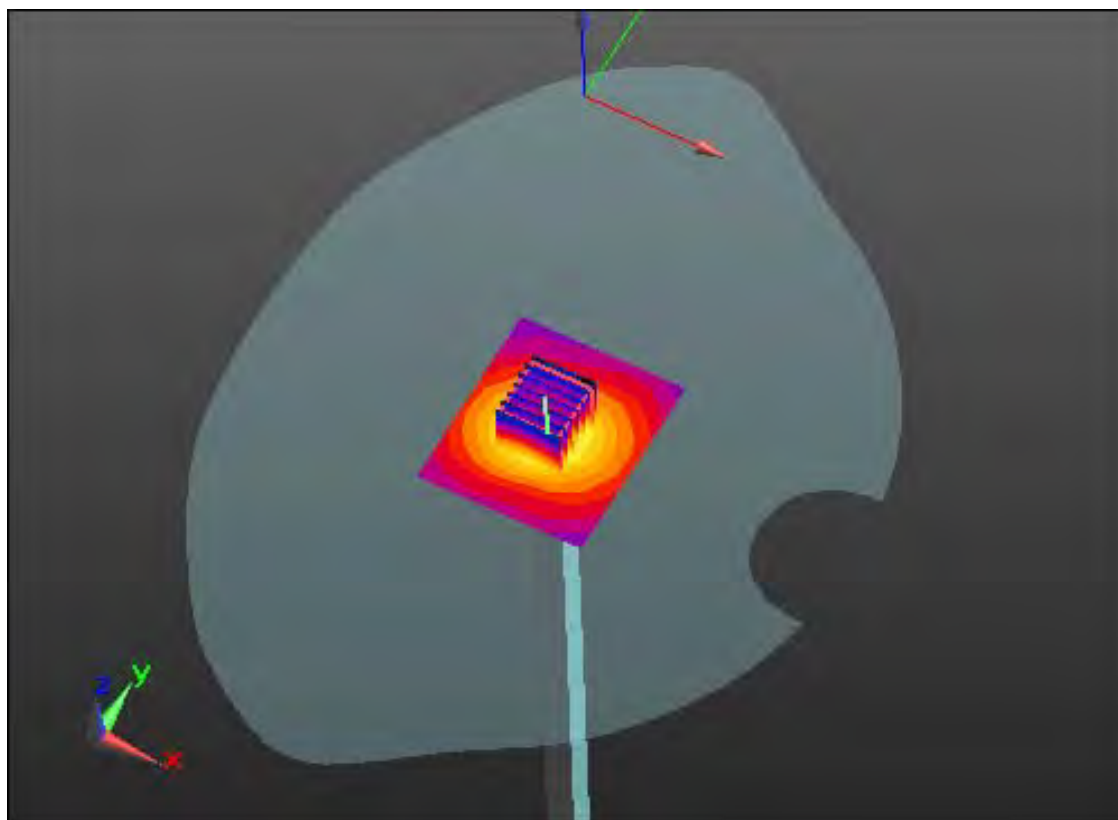
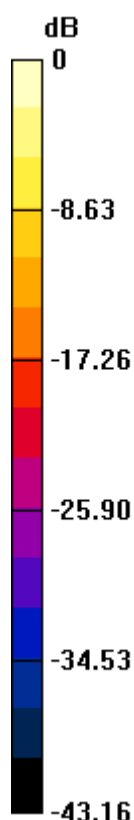
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 36.4 W/kg

**SAR(1 g) = 8.59 W/kg; SAR(10 g) = 2.43 W/kg**



0 dB = 19.3 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.897$  S/m;  $\epsilon_r = 35.824$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.75, 4.75, 4.75); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.5

### **5600 MHz System Verification**

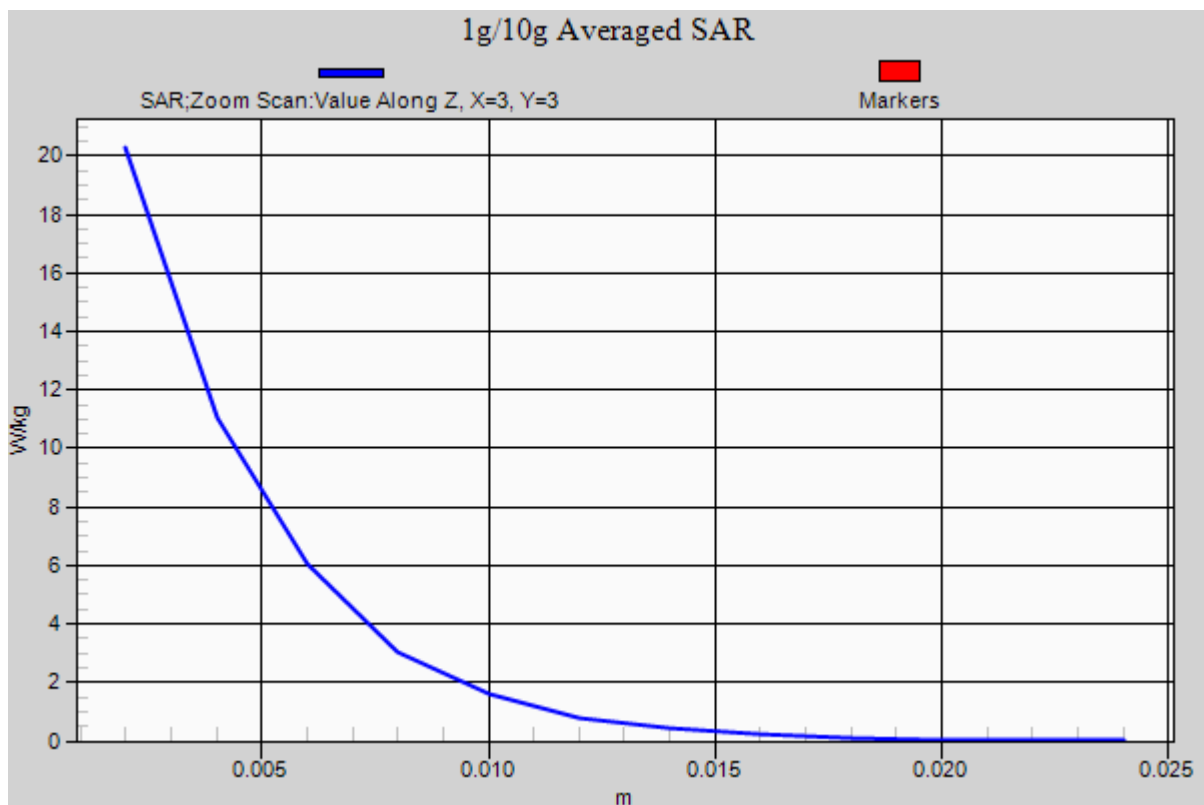
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 36.4 W/kg

**SAR(1 g) = 8.59 W/kg; SAR(10 g) = 2.43 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.908$  S/m;  $\epsilon_r = 49.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.6

### **5600 MHz System Verification**

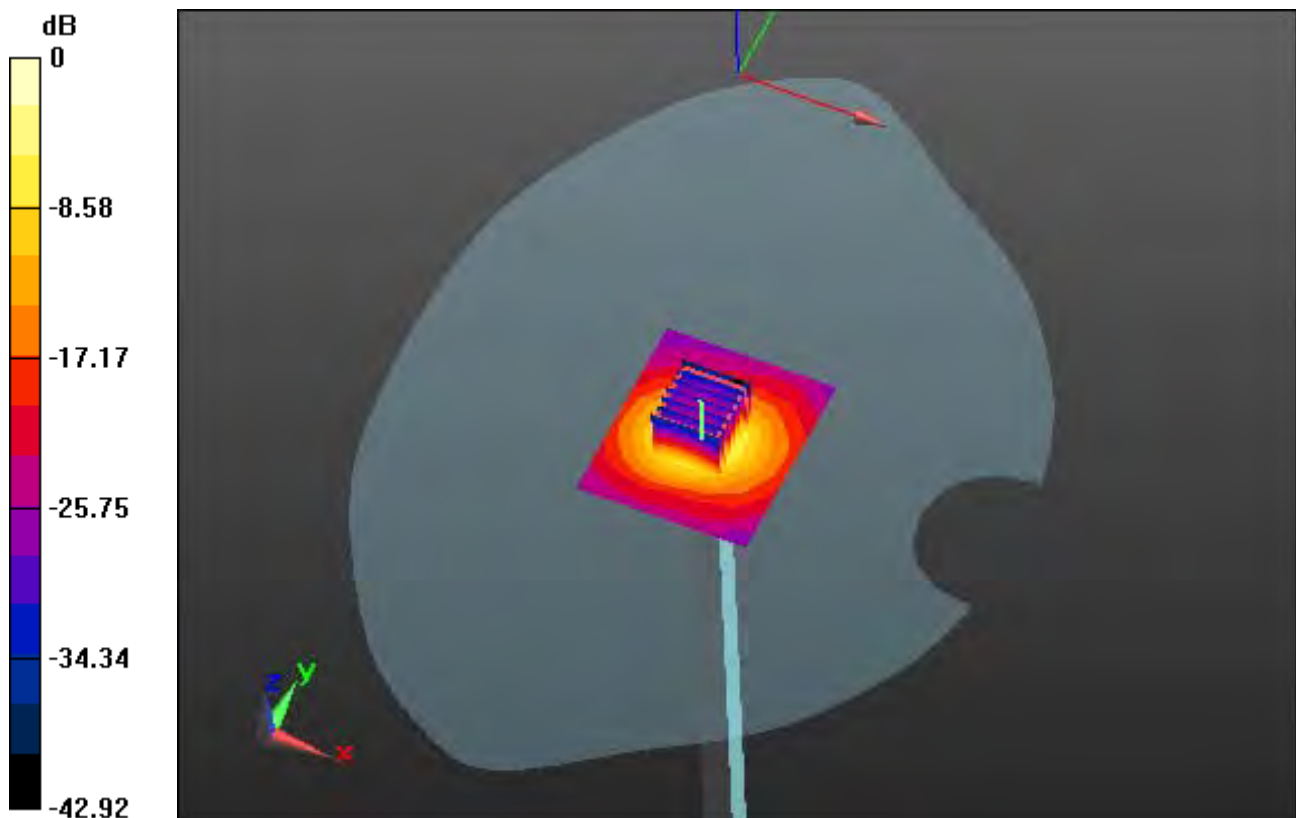
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.32 W/kg**



0 dB = 19.4 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.908$  S/m;  $\epsilon_r = 49.801$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.6

### **5600 MHz System Verification**

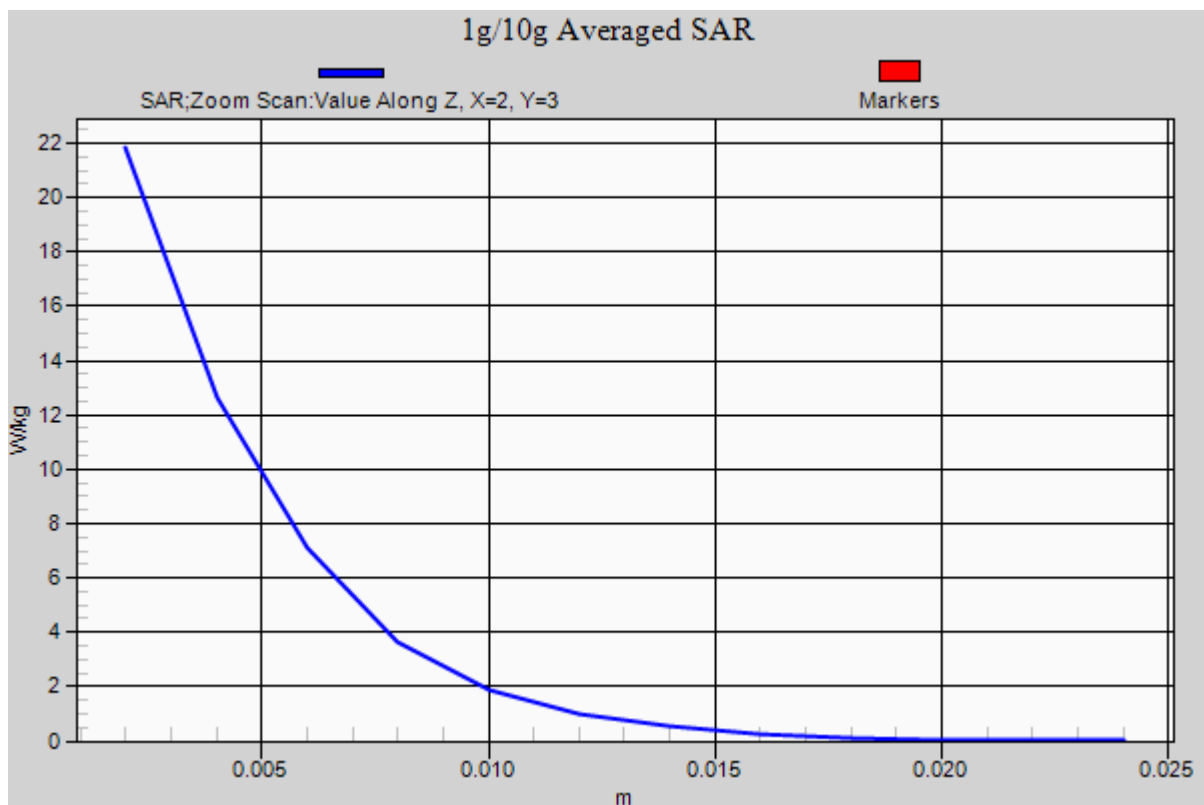
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.32 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.135 \text{ S/m}$ ;  $\epsilon_r = 36.068$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.69, 4.69, 4.69); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

### **5800 MHz System Verification**

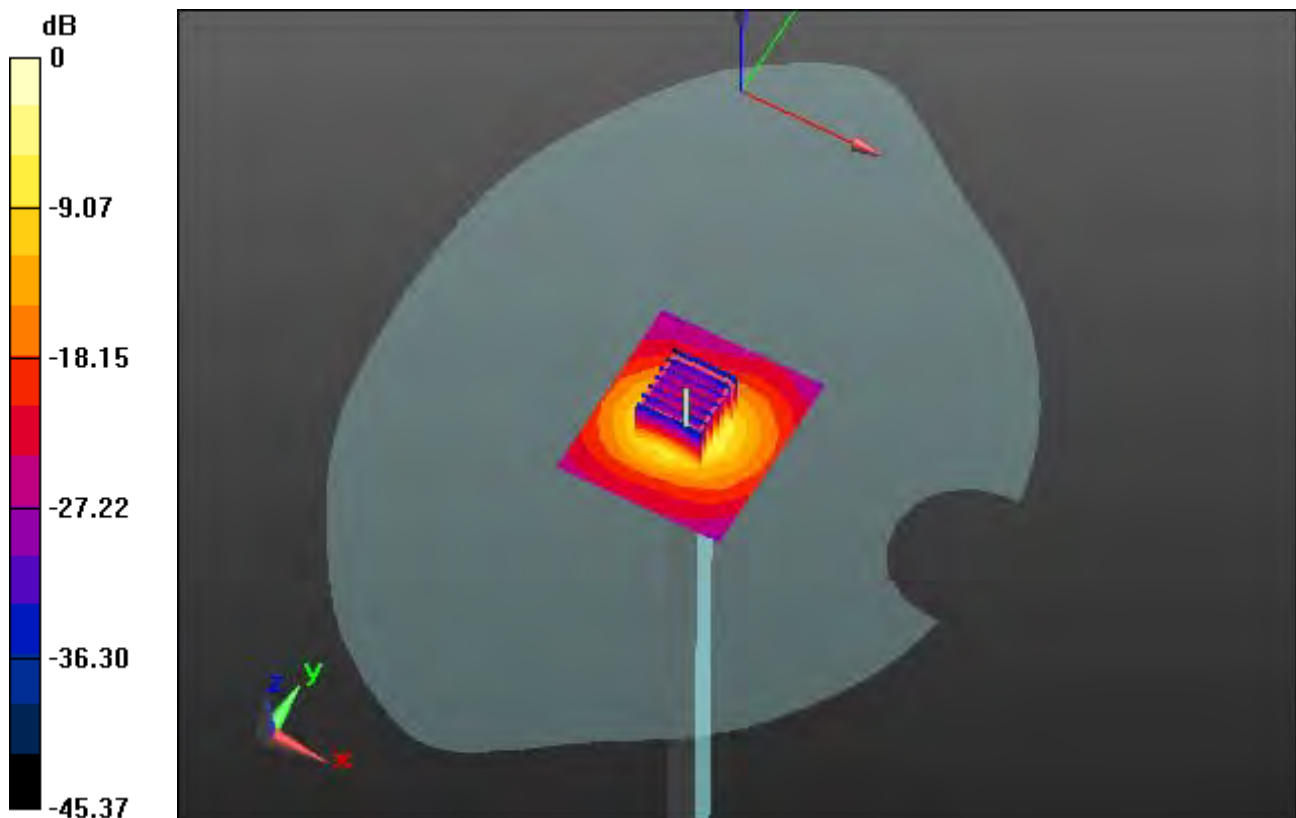
**Area Scan (7x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.8 W/kg

**SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.43 W/kg**



0 dB = 20.0 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.135$  S/m;  $\epsilon_r = 36.068$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.69, 4.69, 4.69); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

### **5800 MHz System Verification**

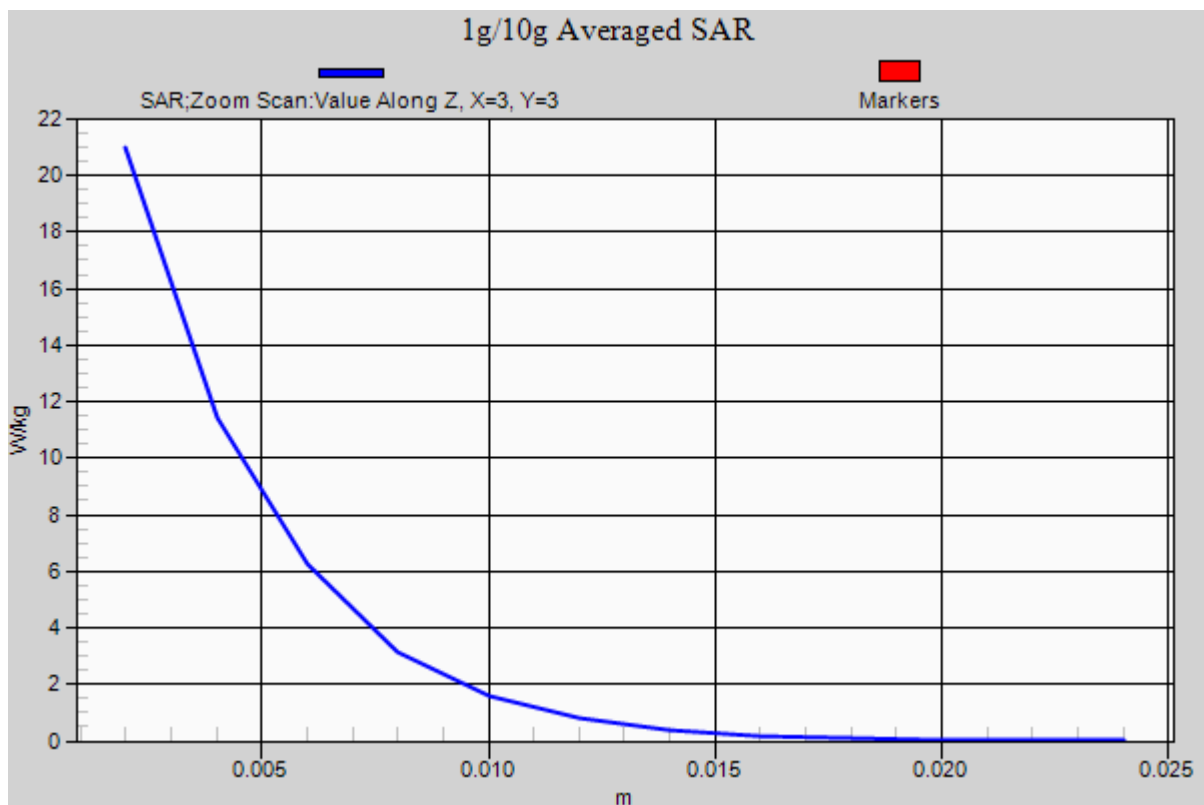
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 34.8 W/kg

**SAR(1 g) = 8.54 W/kg; SAR(10 g) = 2.43 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.187$  S/m;  $\epsilon_r = 49.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.5

### **5800 MHz System Verification**

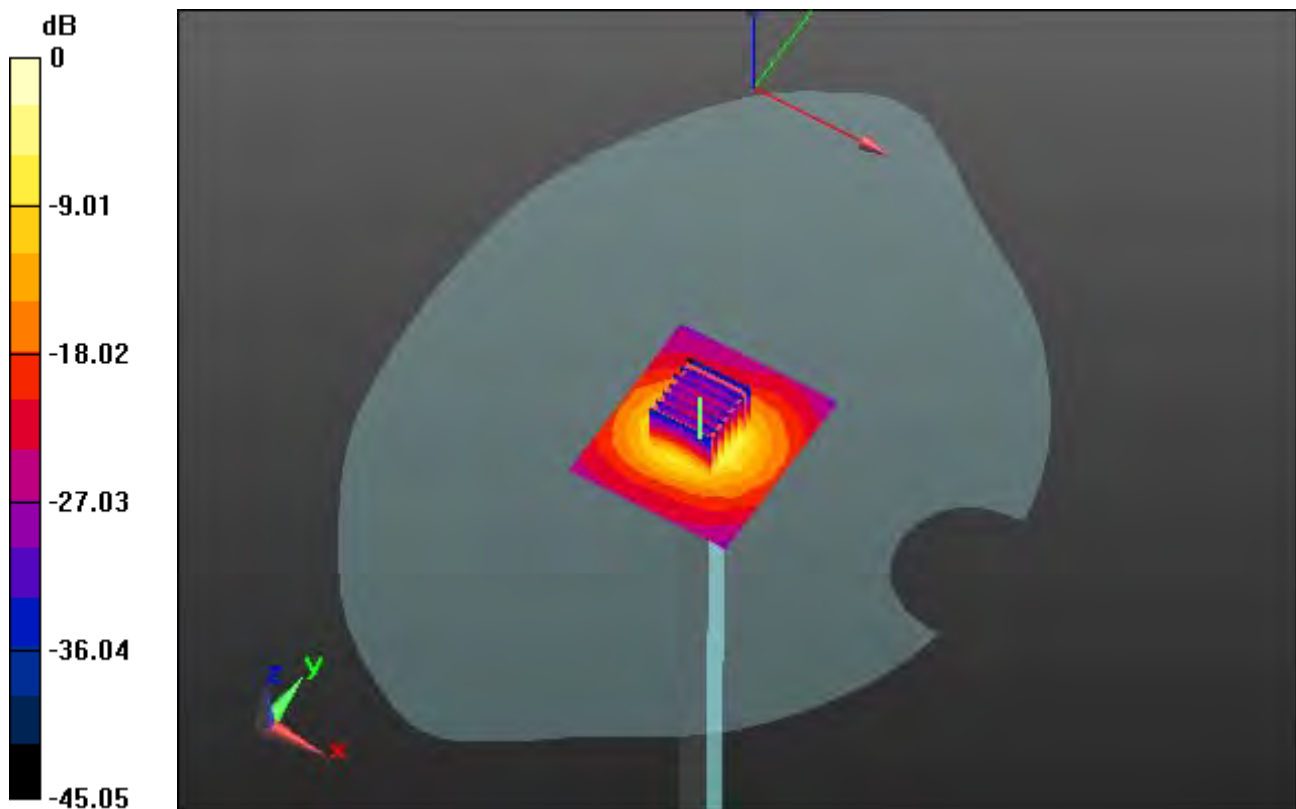
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 32.5 W/kg

**SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.24 W/kg**



0 dB = 19.8 W/kg



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.187$  S/m;  $\epsilon_r = 49.638$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; ; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.5

### **5800 MHz System Verification**

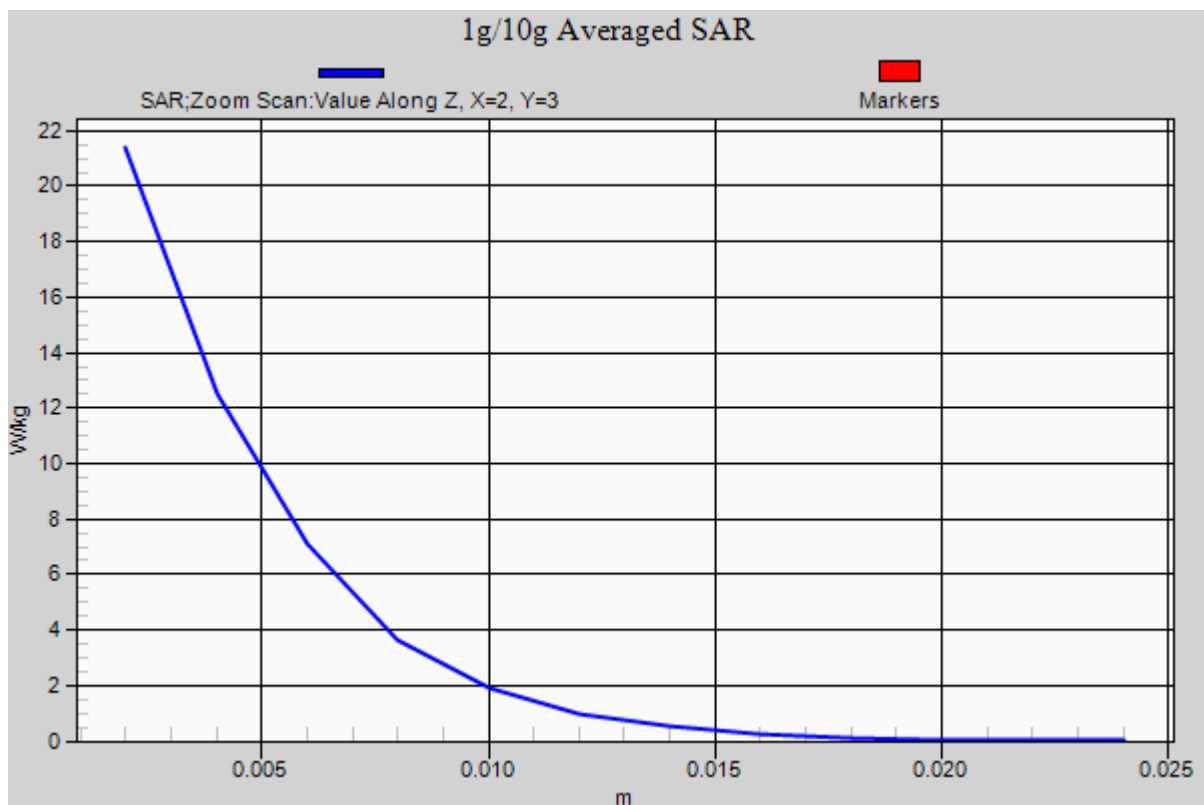
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 32.5 W/kg

**SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.24 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.847 \text{ S/m}$ ;  $\epsilon_r = 38.576$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.8

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

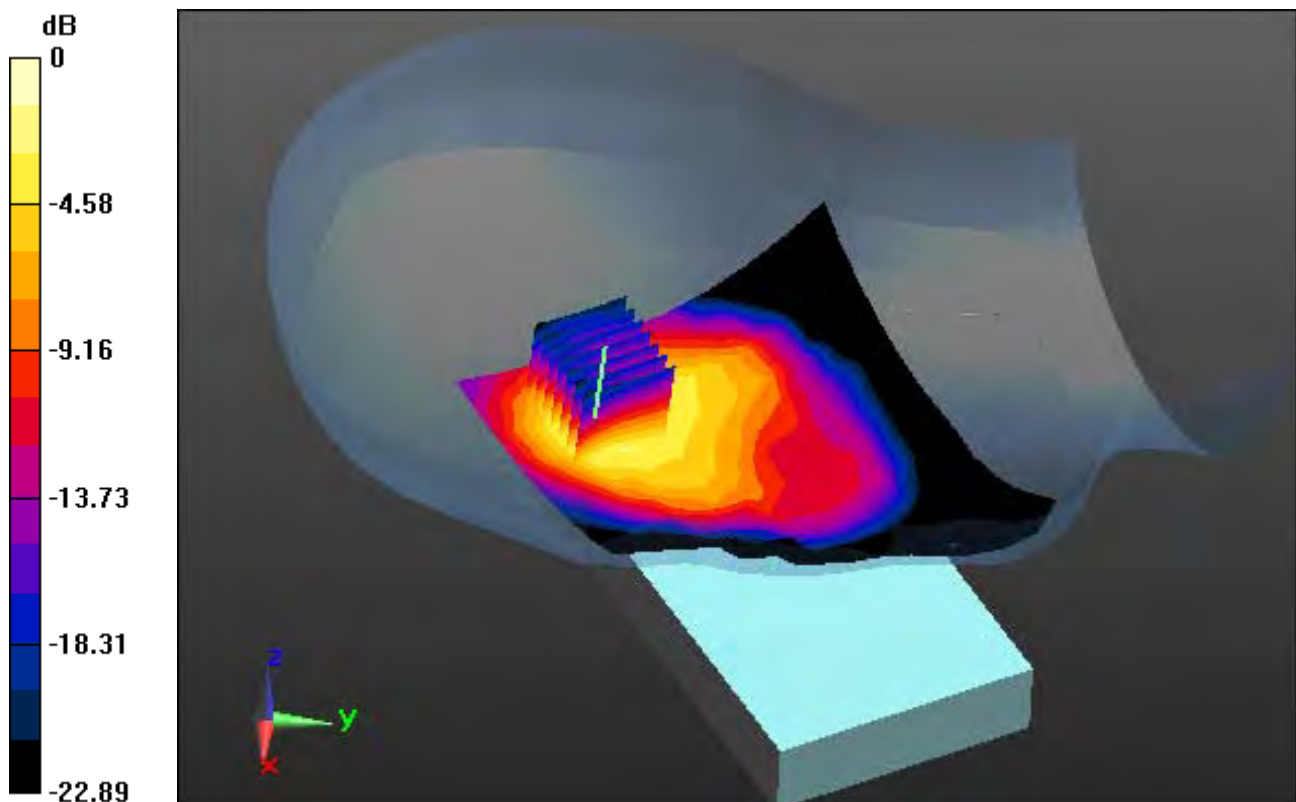
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.174 W/kg**



0 dB = 0.442 W/kg

## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.847$  S/m;  $\epsilon_r = 38.576$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

#### DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.8

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

#### With Enlarge Plot image

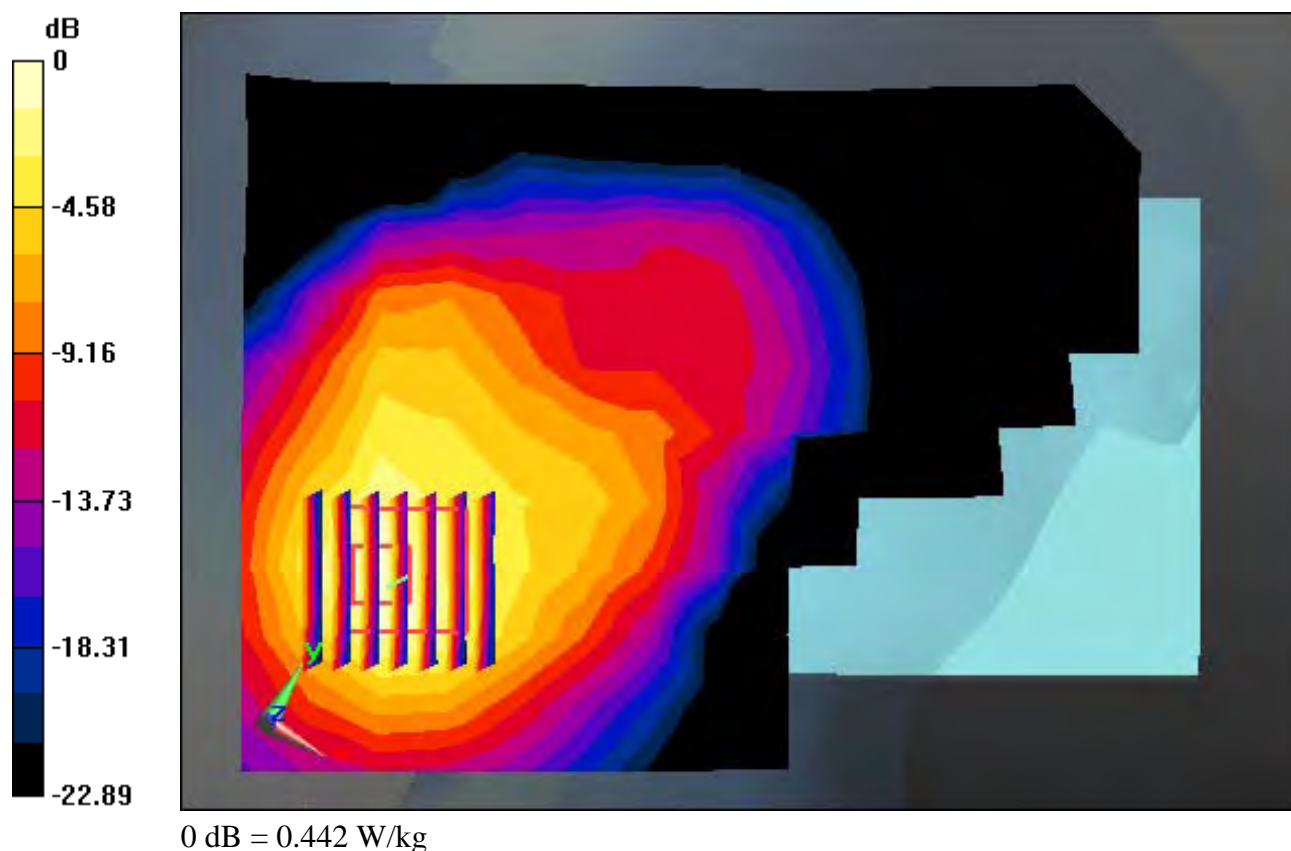
**Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.174 W/kg



## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.847$  S/m;  $\epsilon_r = 38.576$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

#### DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.72, 4.72, 4.72); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.8

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

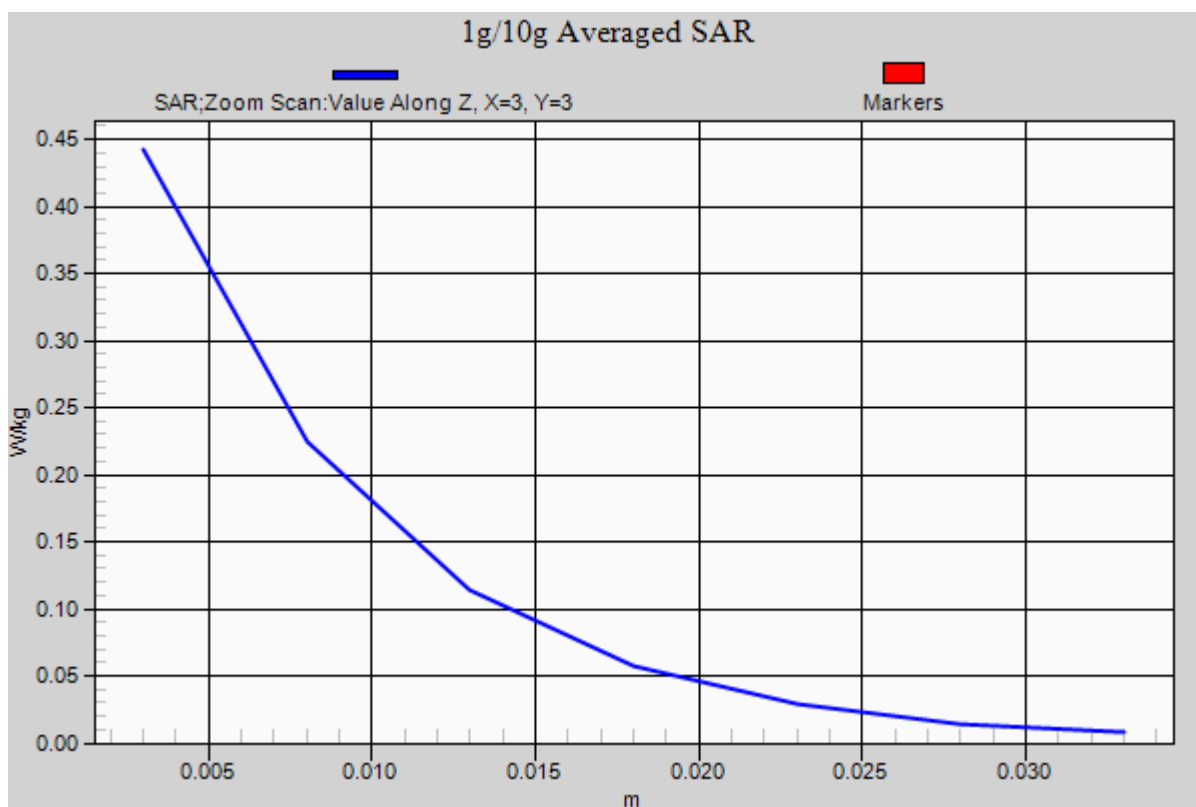
**Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.174 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.572 \text{ S/m}$ ;  $\epsilon_r = 35.641$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.11, 5.11, 5.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.6

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

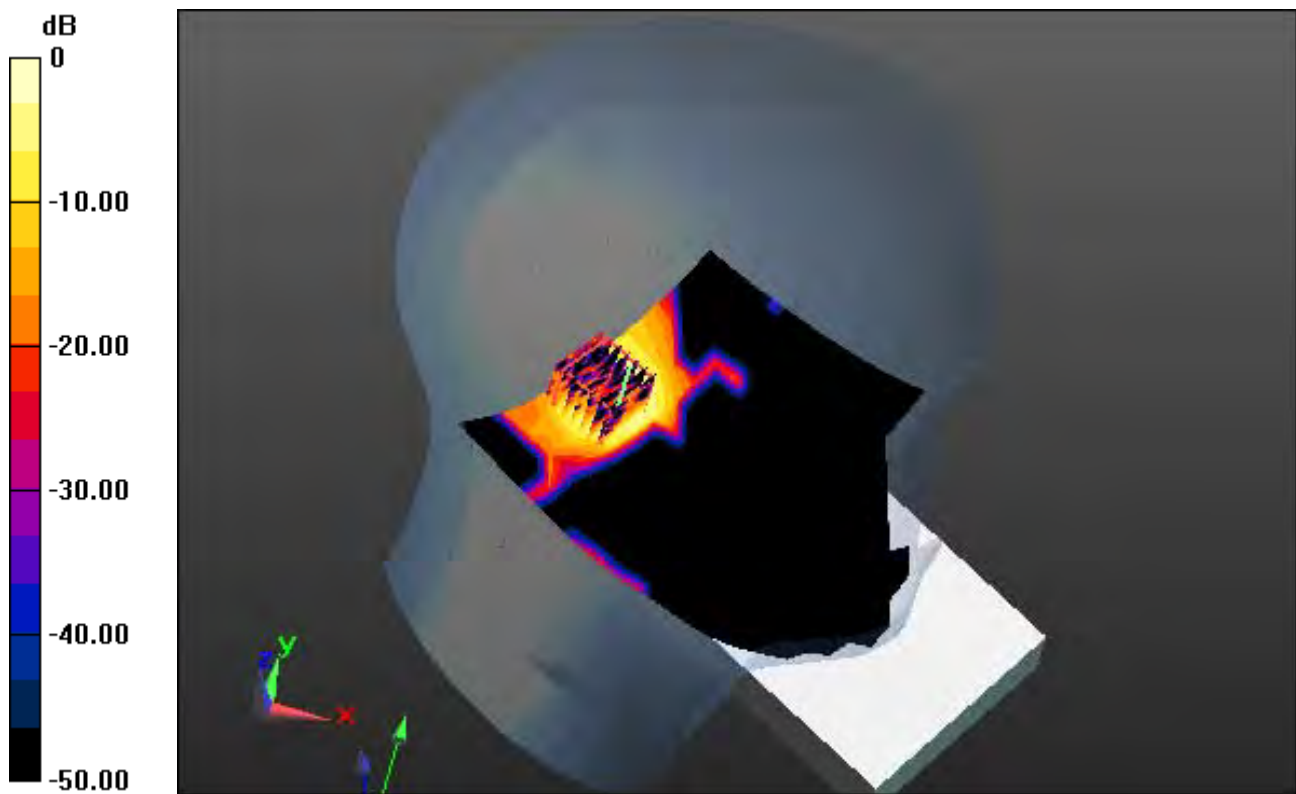
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.032 W/kg**



0 dB = 0.209 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.572$  S/m;  $\epsilon_r = 35.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.11, 5.11, 5.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.6

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

**With Enlarge Plot image**

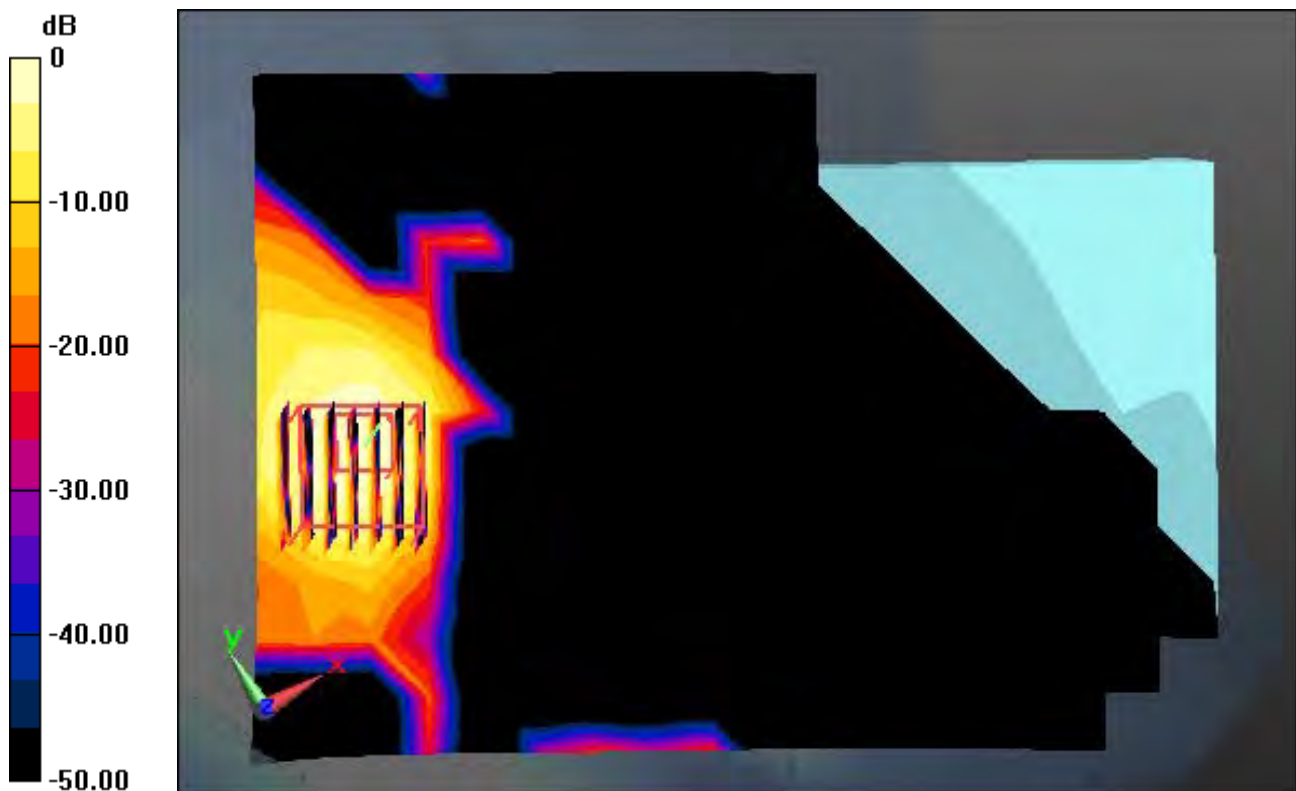
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.032 W/kg**



0 dB = 0.209 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.572$  S/m;  $\epsilon_r = 35.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.11, 5.11, 5.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.6

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

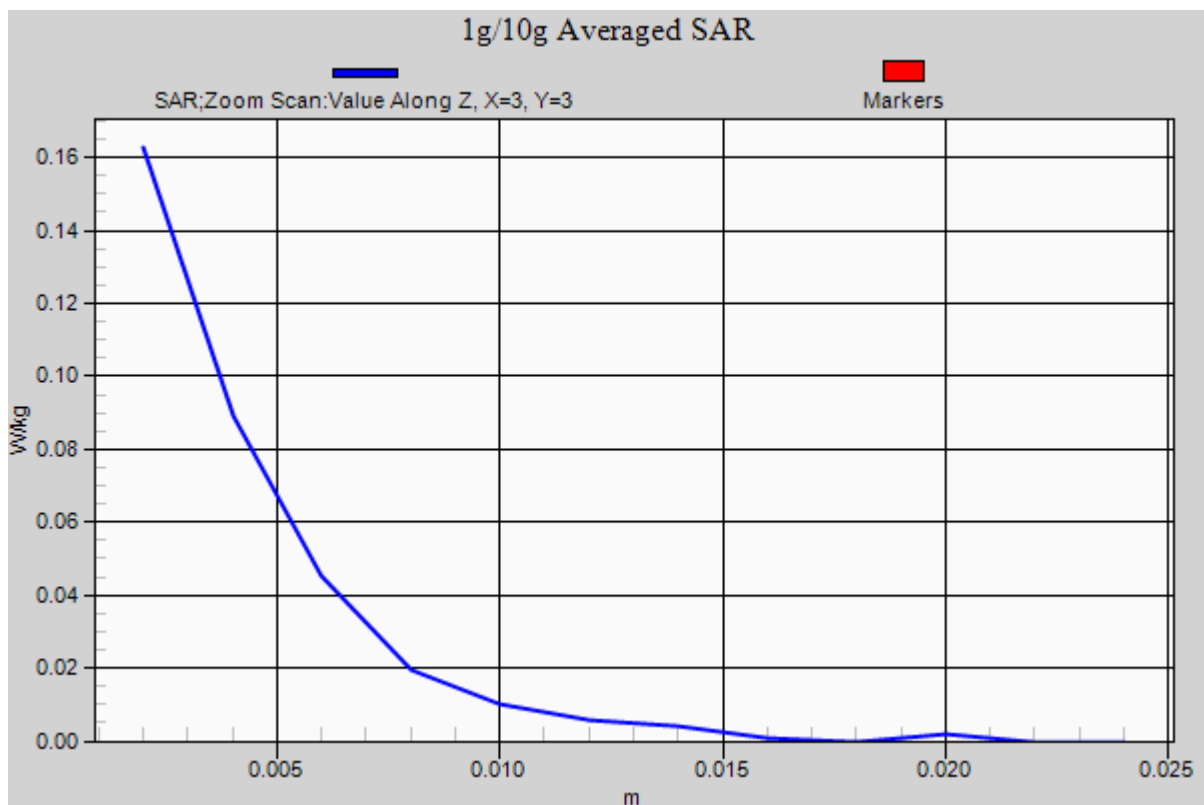
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.032 W/kg**





## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.004$  S/m;  $\epsilon_r = 35.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.75, 4.75, 4.75); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.5

### **Left Tilt, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal, Standard Battery**

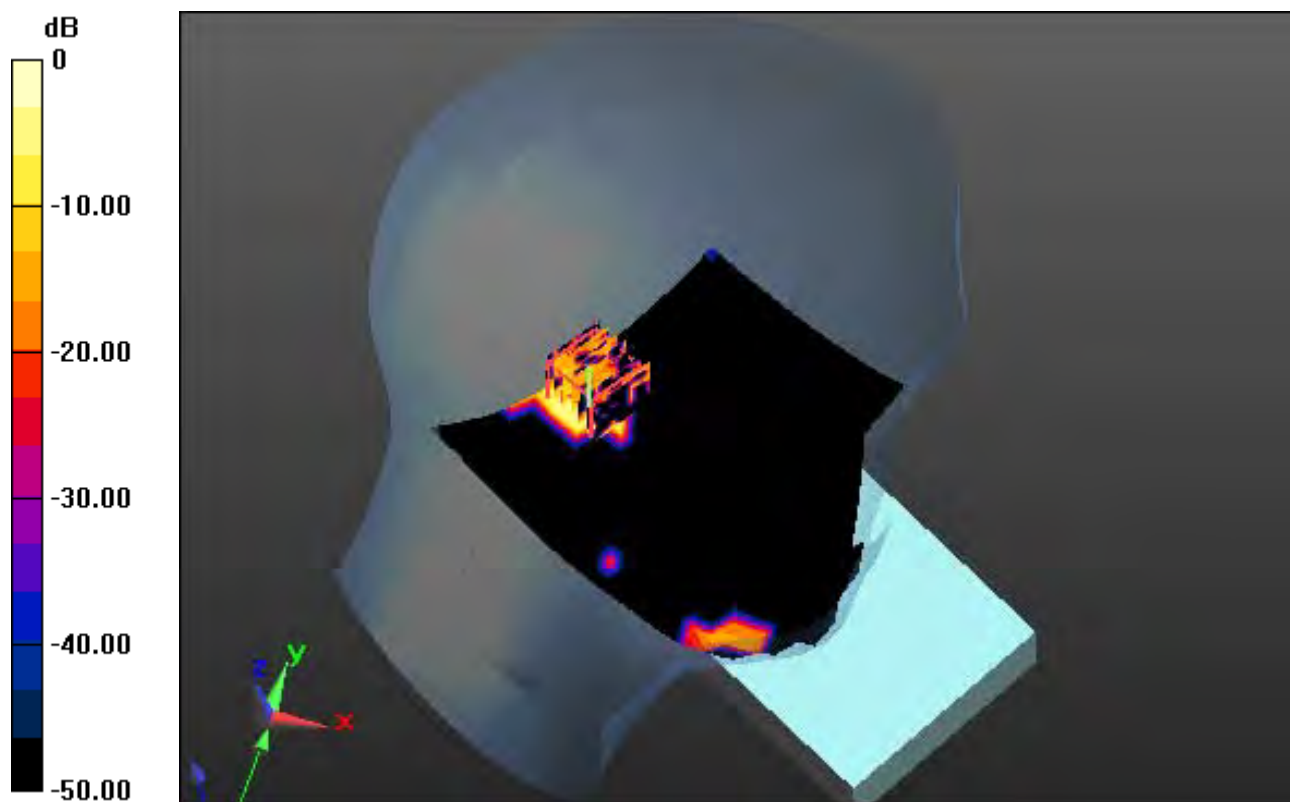
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.017 W/kg**



0 dB = 0.120 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.004$  S/m;  $\epsilon_r = 35.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.75, 4.75, 4.75); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.5

**Left Tilt, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal, Standard Battery**

**With Enlarge Plot image**

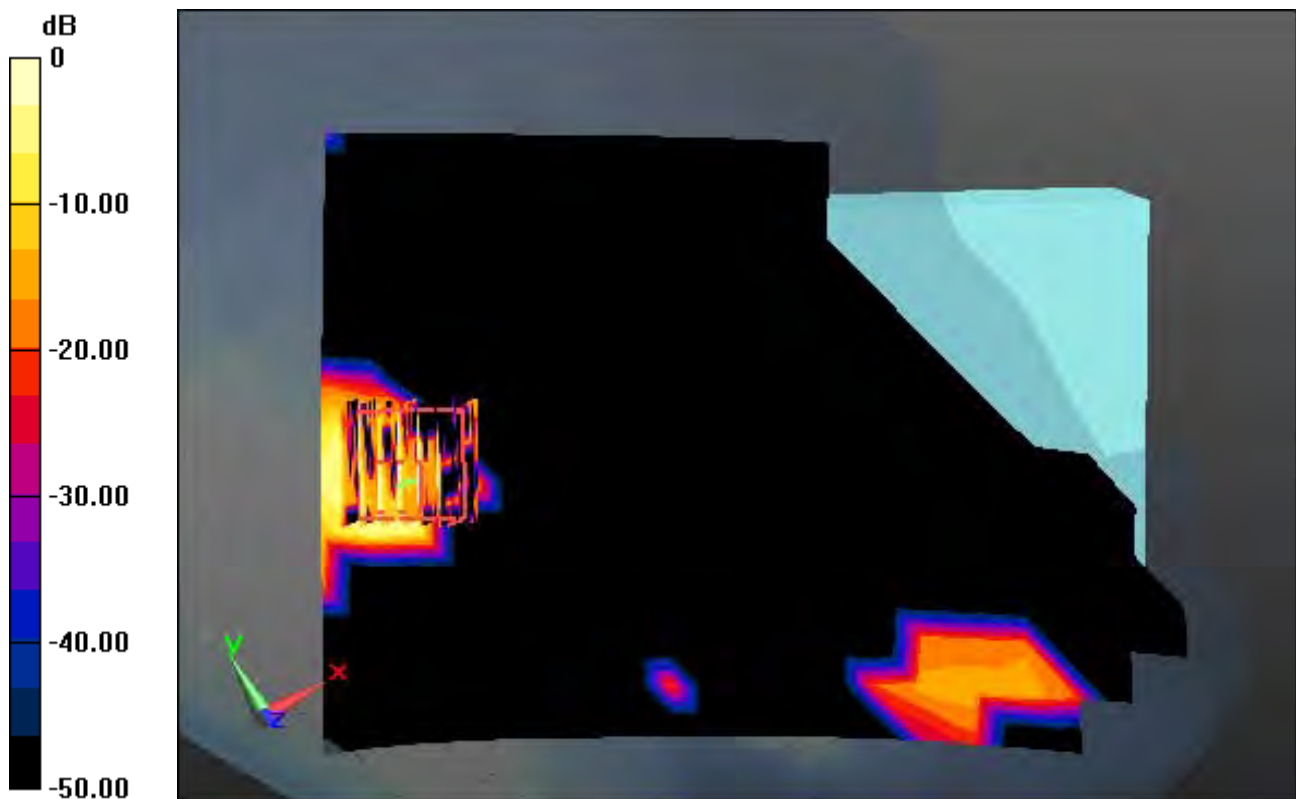
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.017 W/kg**



0 dB = 0.120 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.004$  S/m;  $\epsilon_r = 35.675$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.75, 4.75, 4.75); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp: 20.5; Tissue Temp: 21.5

### **Left Tilt, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal, Standard Battery**

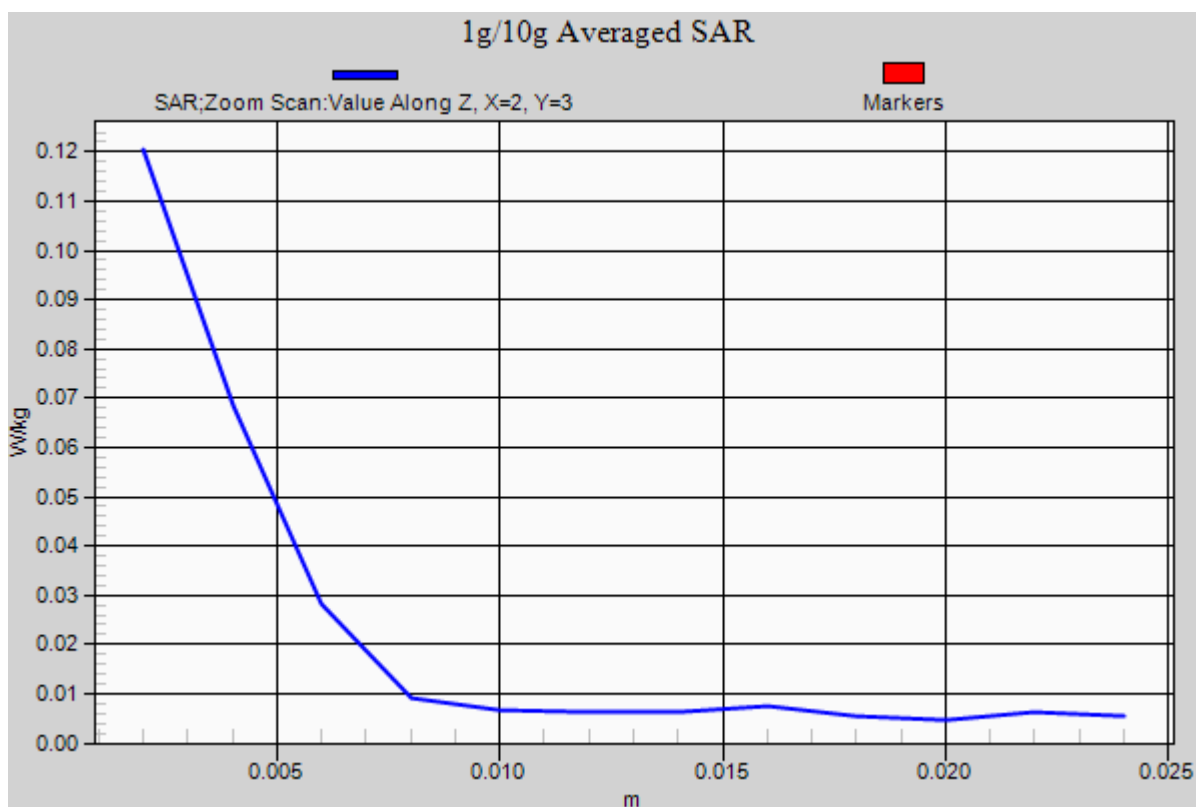
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.017 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 5.166 \text{ S/m}$ ;  $\epsilon_r = 36.034$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.69, 4.69, 4.69); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

**Left Touch, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal, Standard Battery**

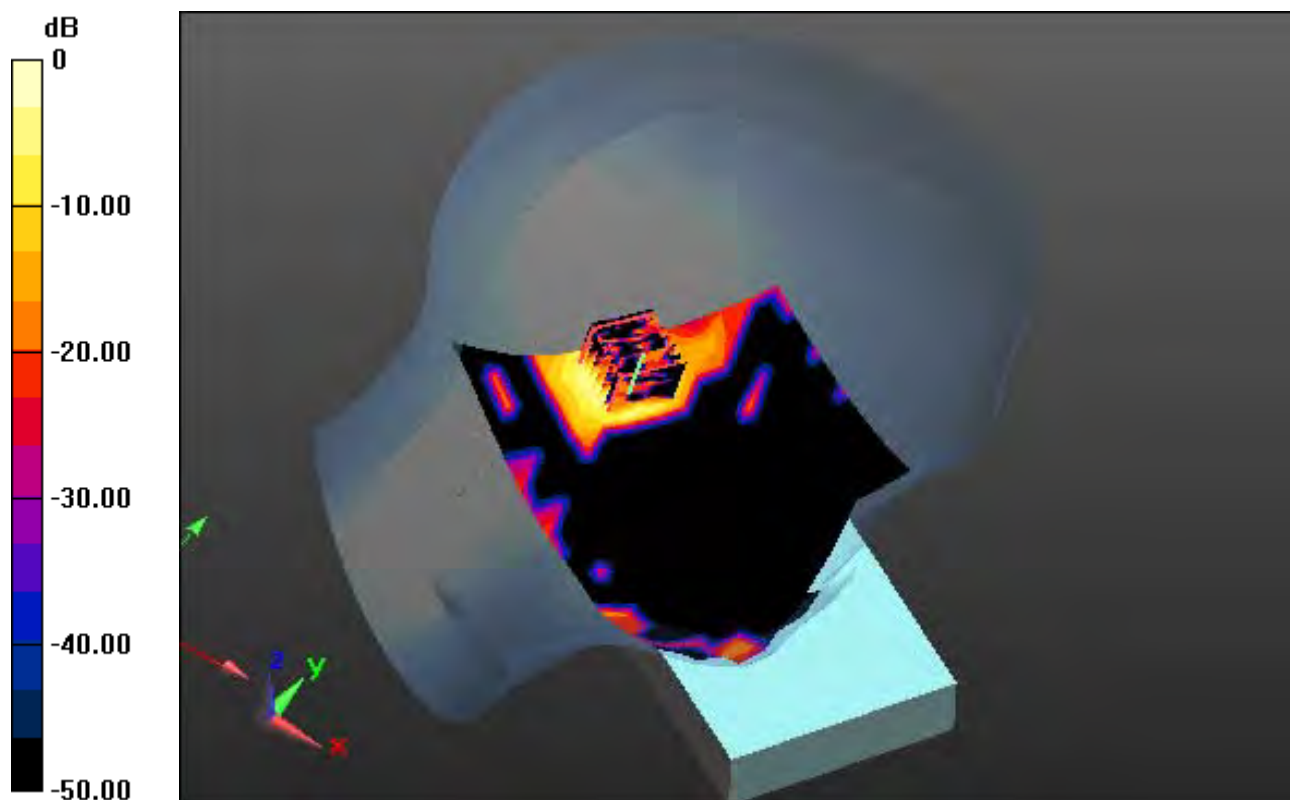
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.035 W/kg**



0 dB = 0.221 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 5.166 \text{ S/m}$ ;  $\epsilon_r = 36.034$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.69, 4.69, 4.69); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

**Left Touch, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal, Standard Battery**

**With Enlarge Plot image**

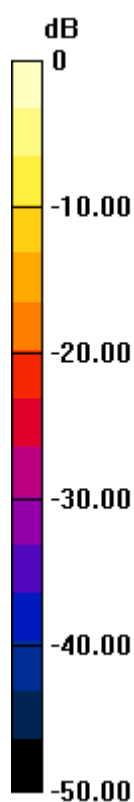
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.035 W/kg**



0 dB = 0.221 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.166$  S/m;  $\epsilon_r = 36.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.69, 4.69, 4.69); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

### **Left Tilt, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal, Standard Battery**

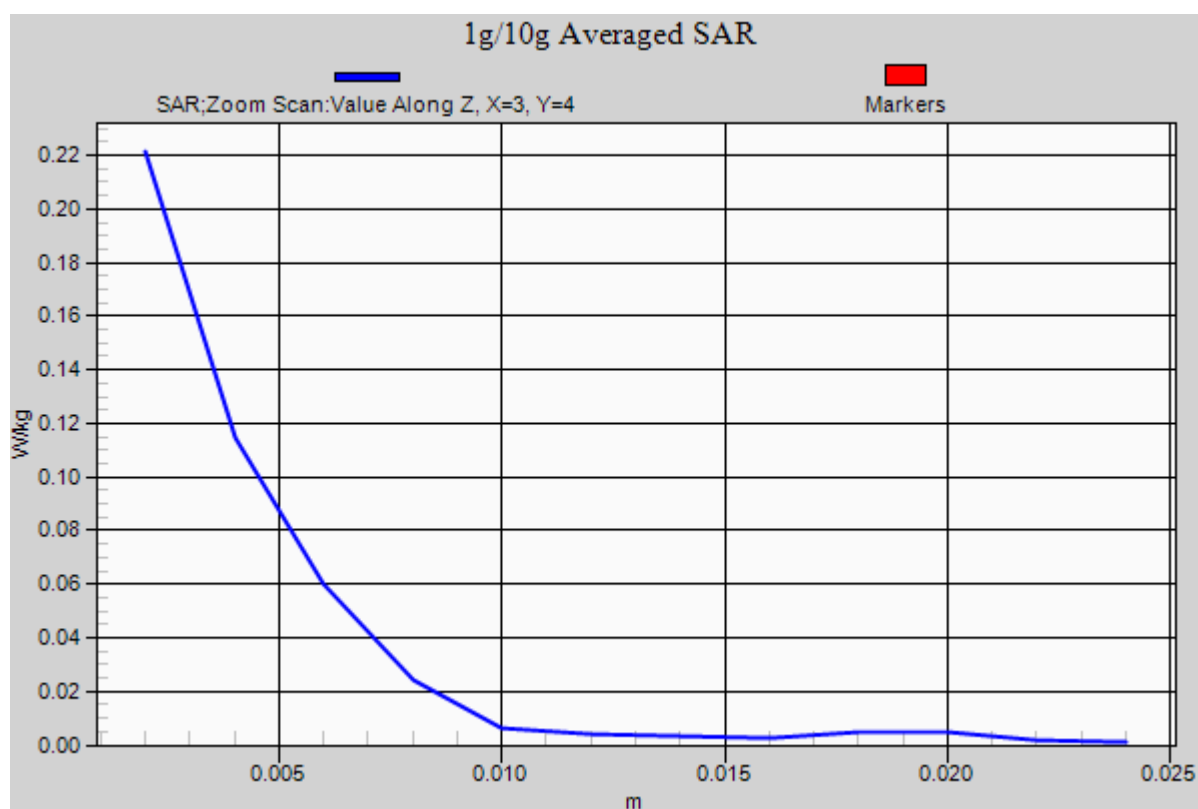
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.035 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.017 \text{ S/m}$ ;  $\epsilon_r = 51.639$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp; 20.7; Tissue Temp: 21.8

### **1.5 cm space from Body, Front, W-LAN(802.11b) Ch. 11, Ant Internal**

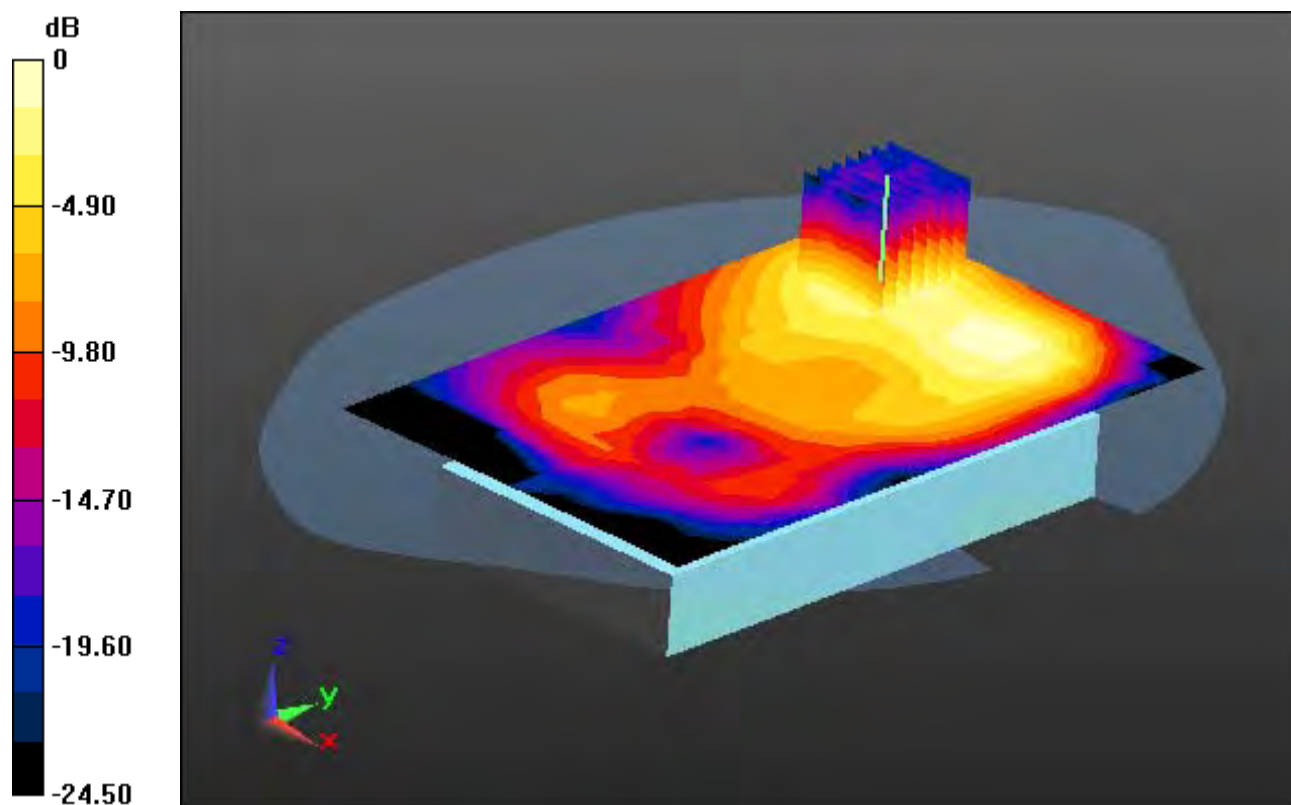
**Area Scan (11x17x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.052 W/kg**



0 dB = 0.126 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.017 \text{ S/m}$ ;  $\epsilon_r = 51.639$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp; 20.7; Tissue Temp: 21.8

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

#### **With Enlarge Plot image**

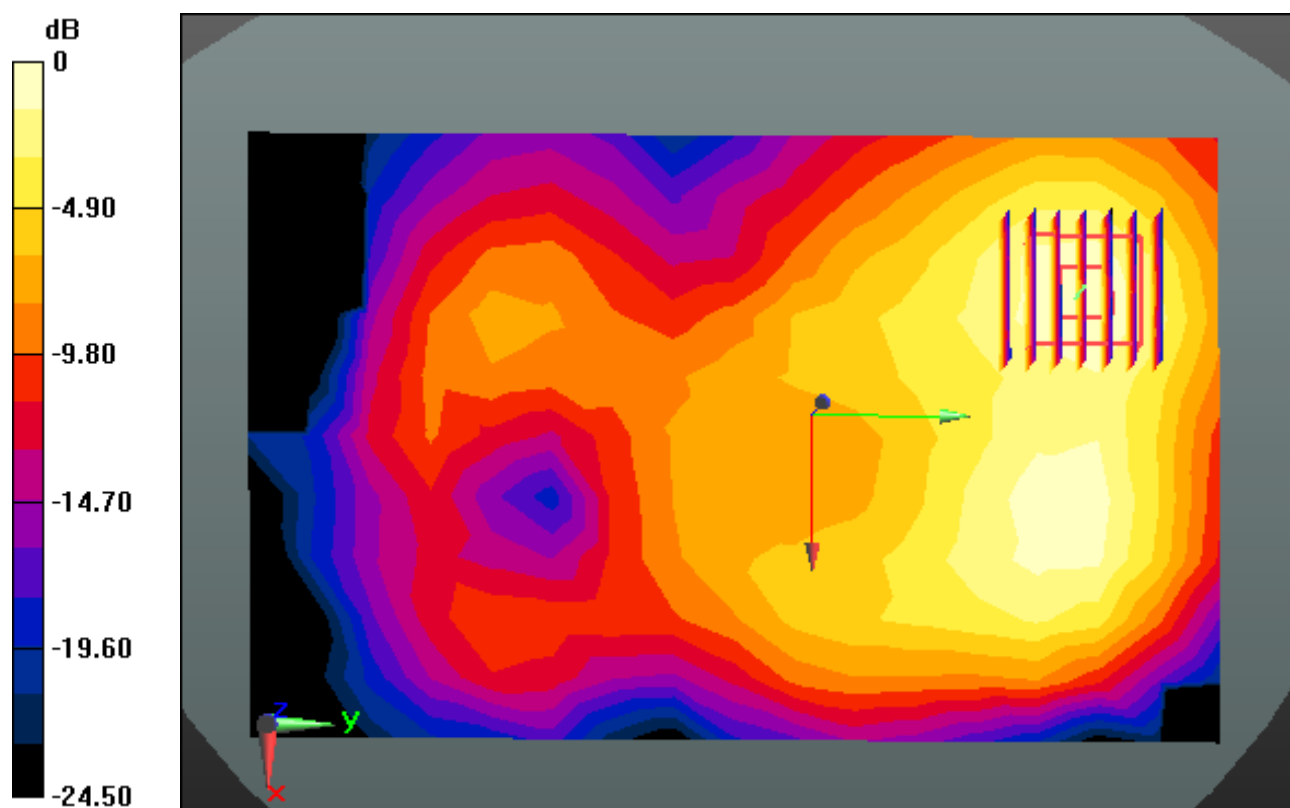
**Area Scan (11x17x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.052 W/kg**



0 dB = 0.126 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.017 \text{ S/m}$ ;  $\epsilon_r = 51.639$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp; 20.7; Tissue Temp: 21.8

### **1.5 cm space from Body, Front, W-LAN(802.11b) Ch. 11, Ant Internal**

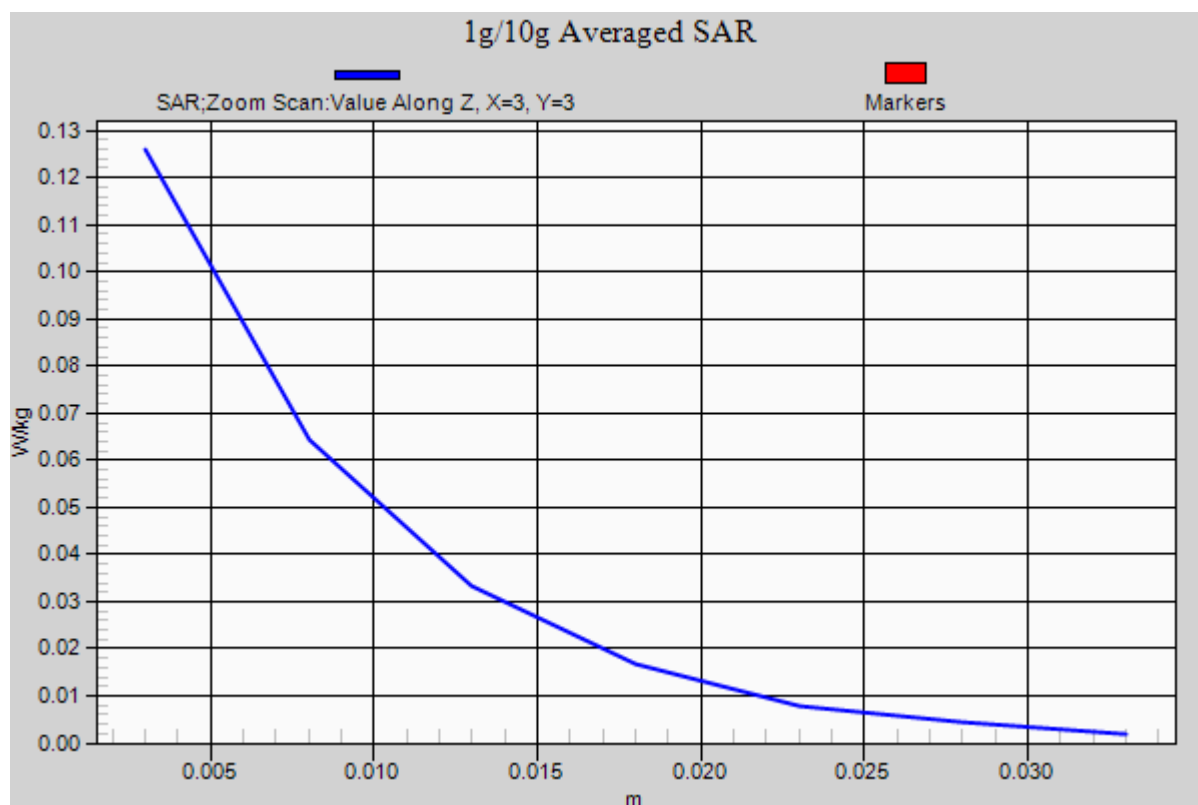
**Area Scan (11x17x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.052 W/kg**





## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 5.34 \text{ S/m}$ ;  $\epsilon_r = 49.036$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

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

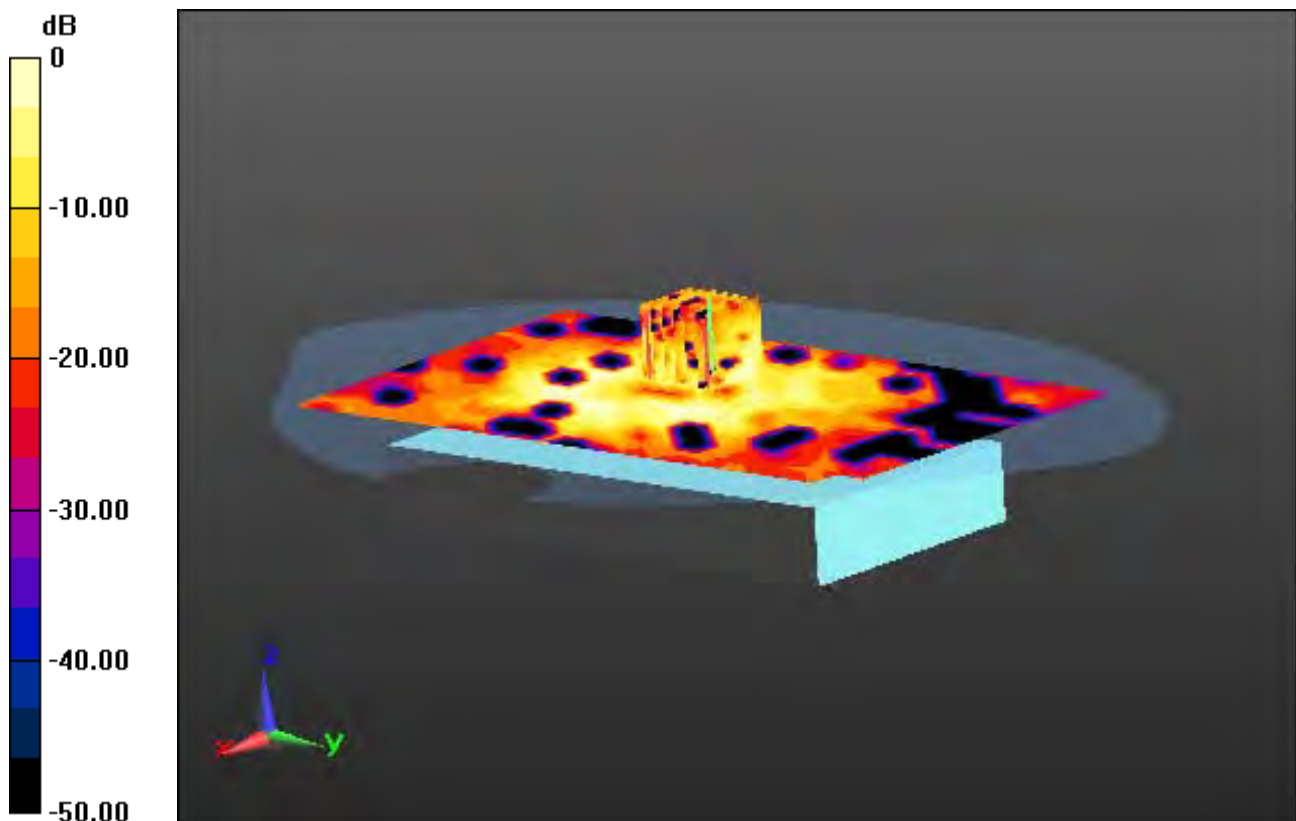
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.060 W/kg**



0 dB = 0.315 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 5.34 \text{ S/m}$ ;  $\epsilon_r = 49.036$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

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

**With Enlarge Plot image**

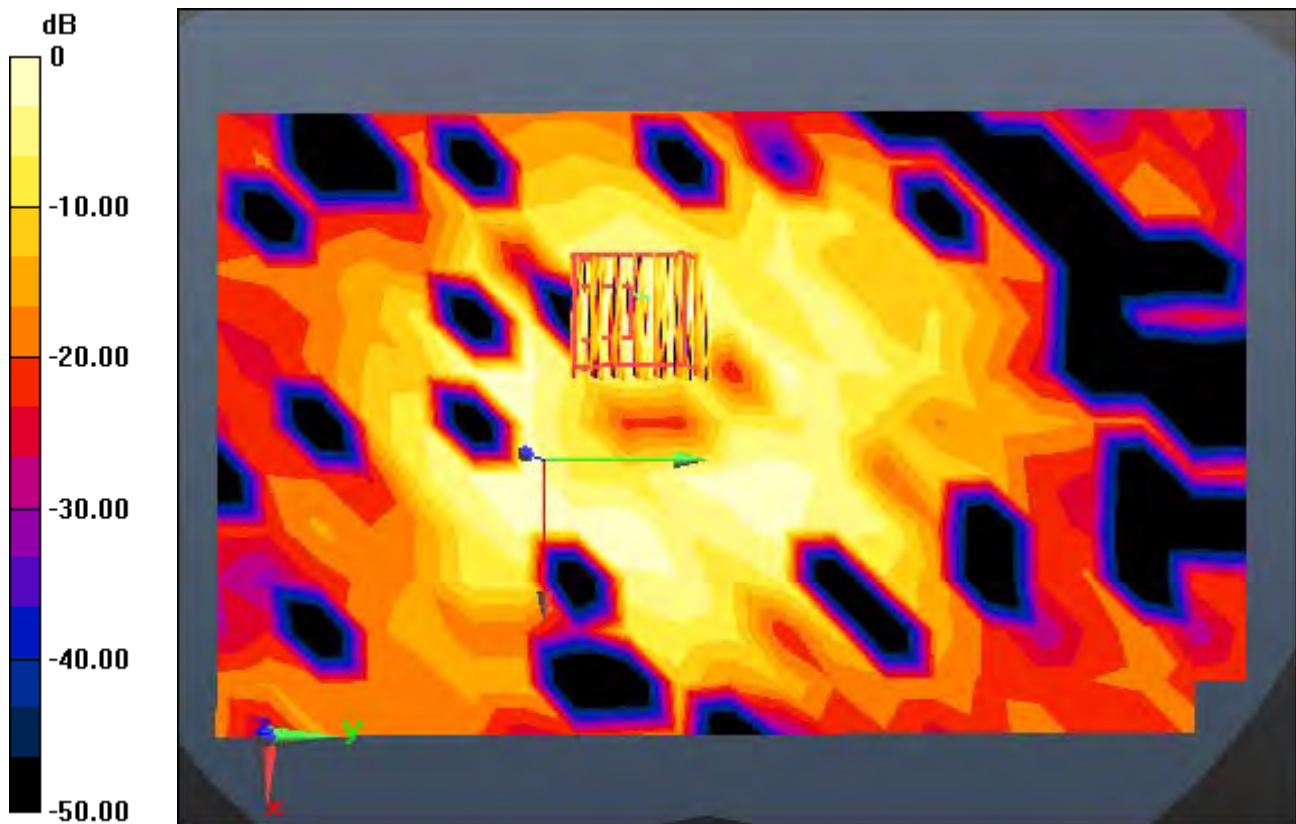
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.060 W/kg**



0 dB = 0.315 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.34$  S/m;  $\epsilon_r = 49.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

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

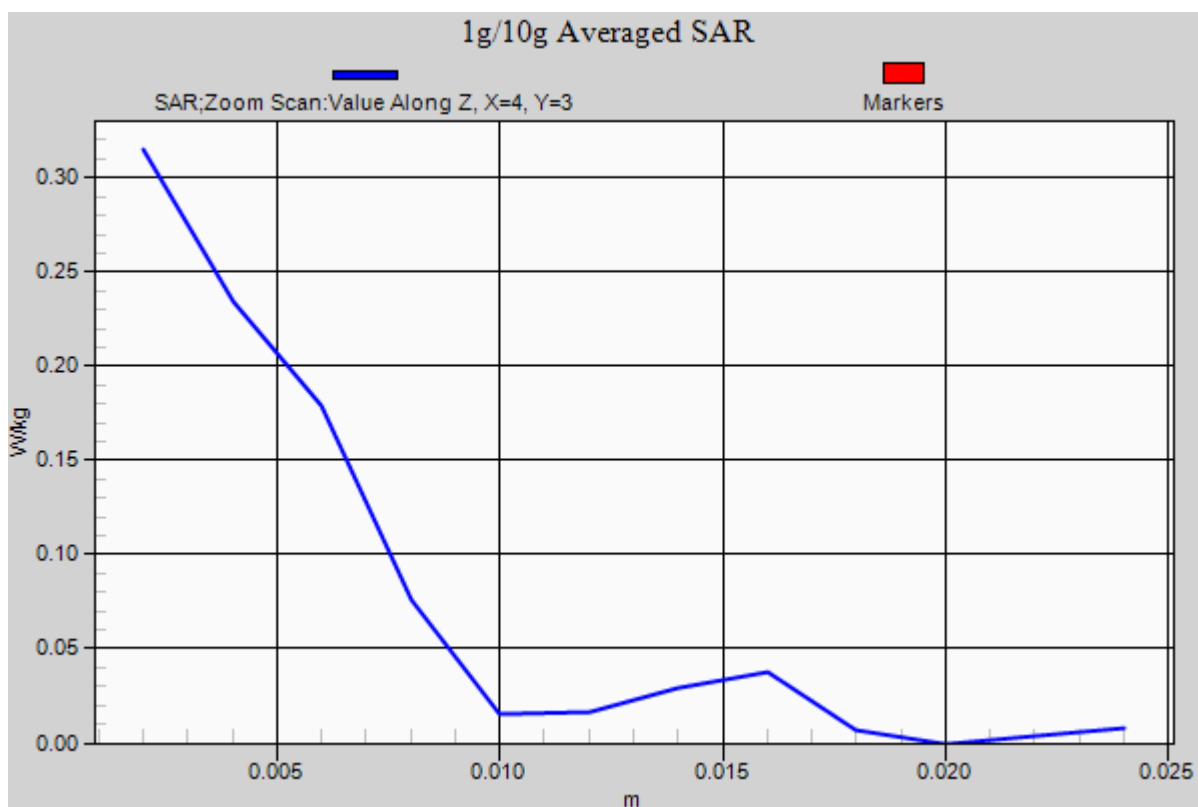
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.060 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 6.042 \text{ S/m}$ ;  $\epsilon_r = 49.628$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp; 20.5; Tissue Temp: 21.5

### **1.5 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal**

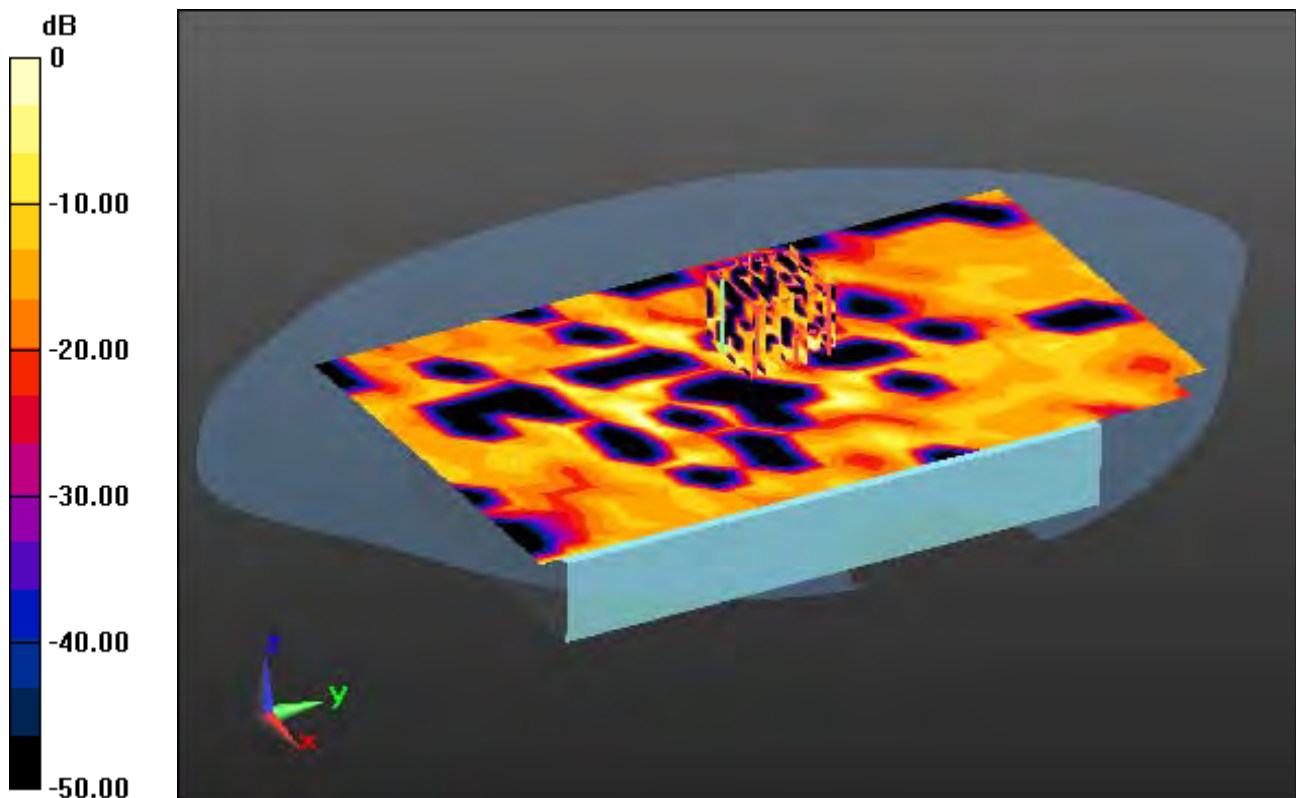
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00609 W/kg**



0 dB = 0.0964 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.042$  S/m;  $\epsilon_r = 49.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp; 20.5; Tissue Temp: 21.5

**1.5 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal**

**With Enlarge Plot image**

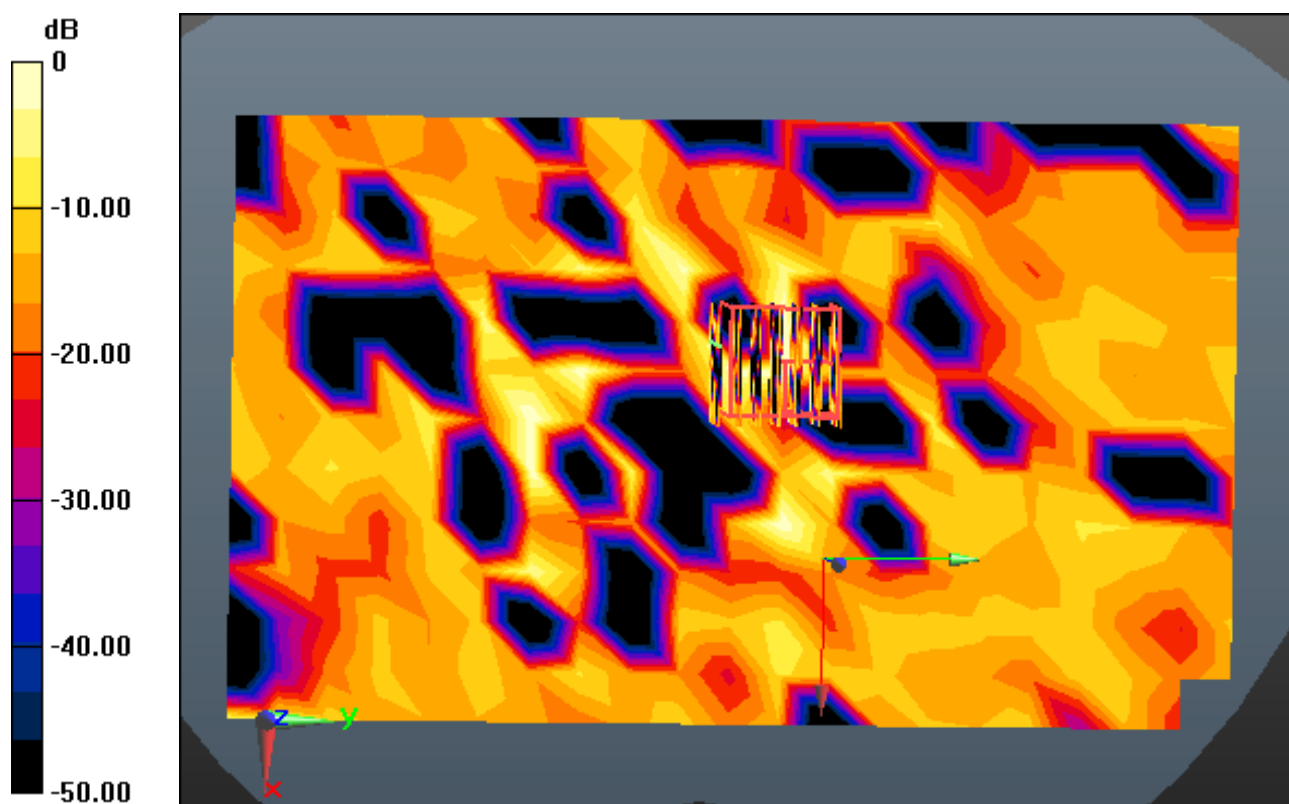
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00609 W/kg**



0 dB = 0.0964 W/kg

## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.042$  S/m;  $\epsilon_r = 49.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp; 20.5; Tissue Temp: 21.5

### 1.5 cm space from Body, Rear, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal

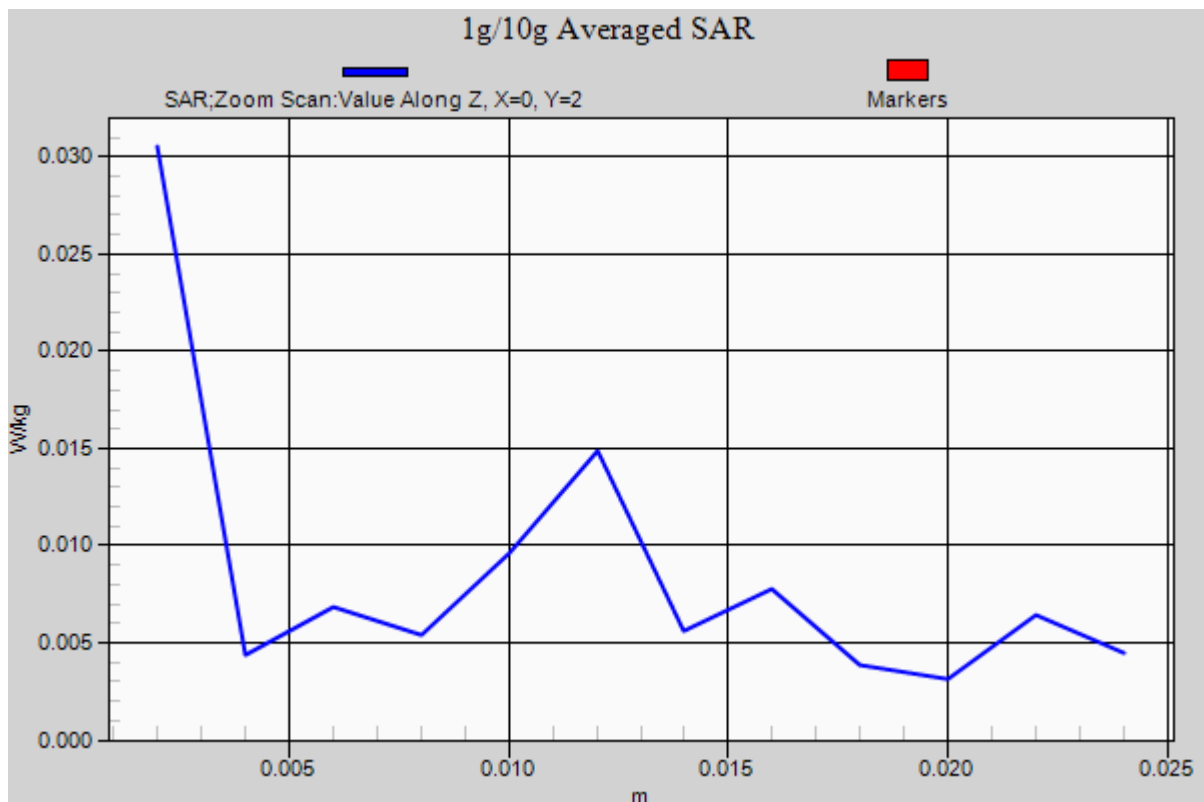
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00609 W/kg**





## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.224 \text{ S/m}$ ;  $\epsilon_r = 49.599$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

### **1.5 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal**

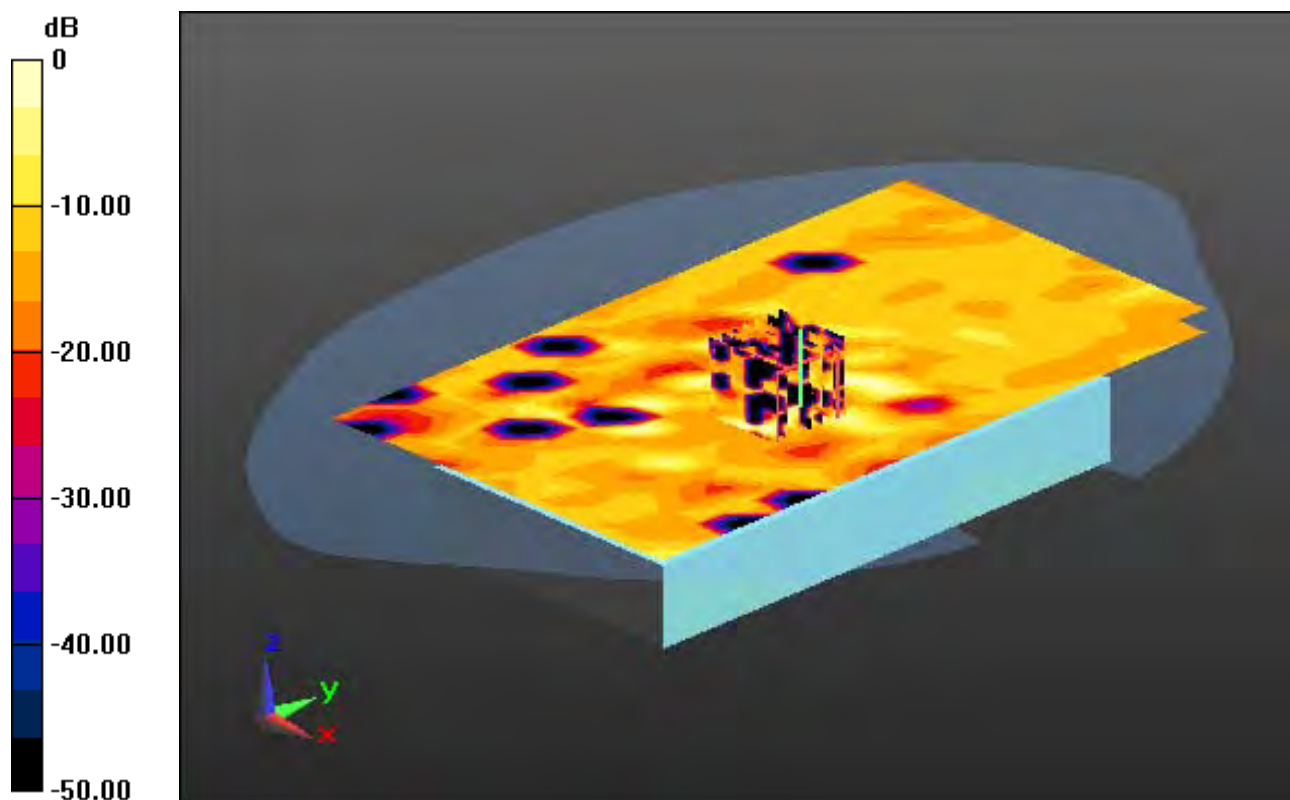
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0064 W/kg**



0 dB = 0.127 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.224$  S/m;  $\epsilon_r = 49.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

**1.5 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal**

**With Enlarge Plot image**

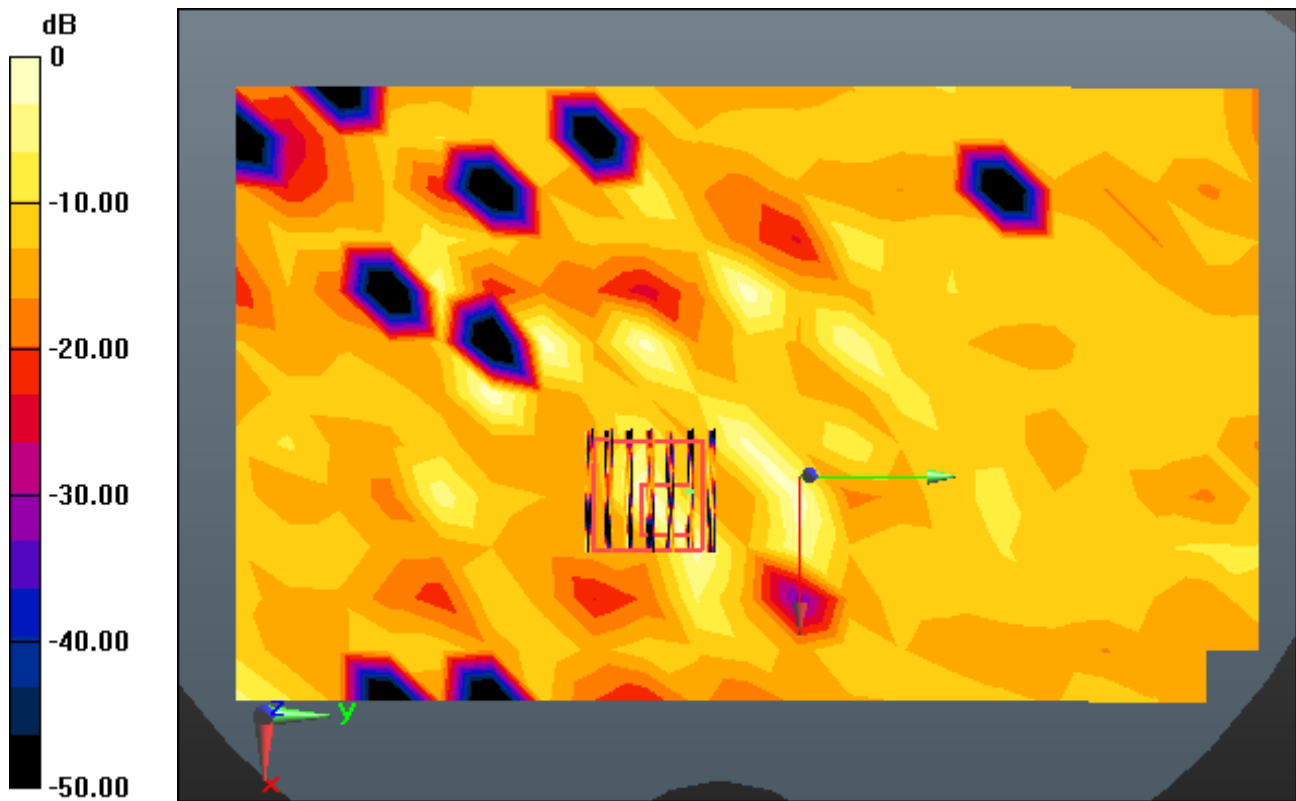
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0064 W/kg**



0 dB = 0.127 W/kg



## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.224$  S/m;  $\epsilon_r = 49.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.4

### 1.5 cm space from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal

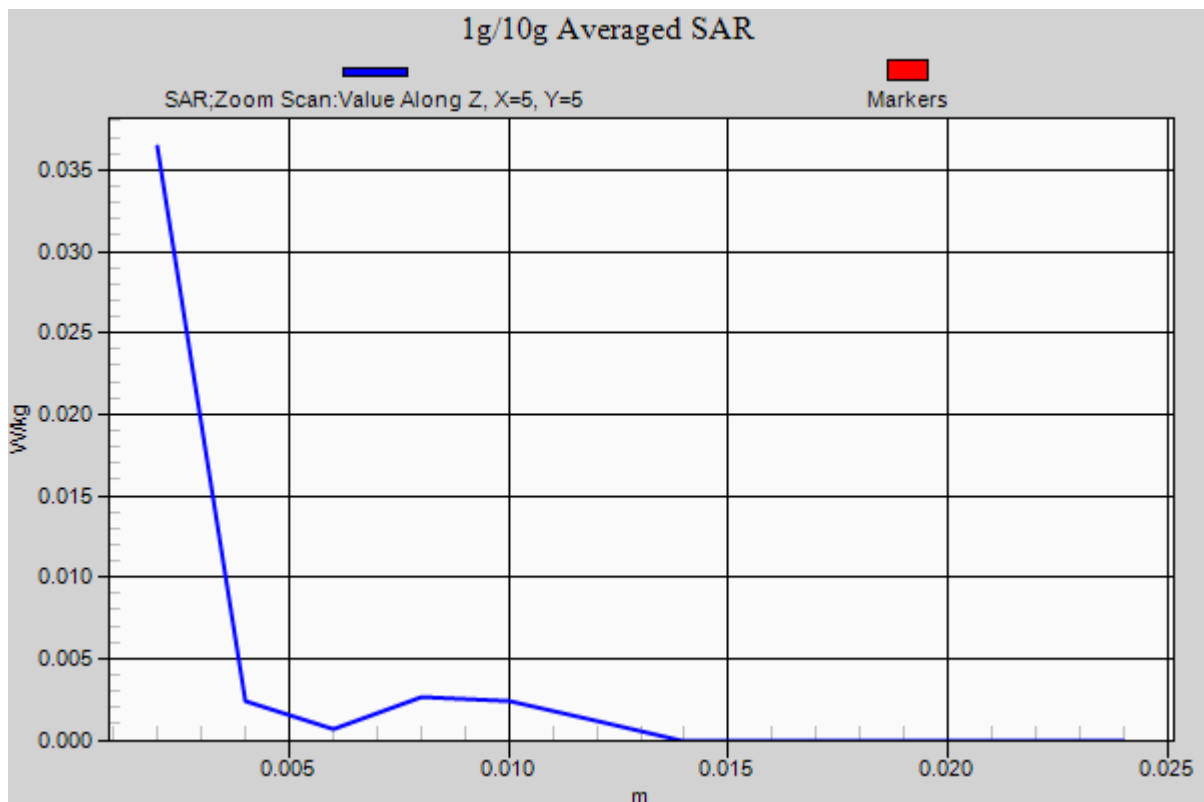
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0064 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.017 \text{ S/m}$ ;  $\epsilon_r = 51.639$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.7

### **Touch from Body, Left, W-LAN(802.11b) Ch. 11, Ant Internal**

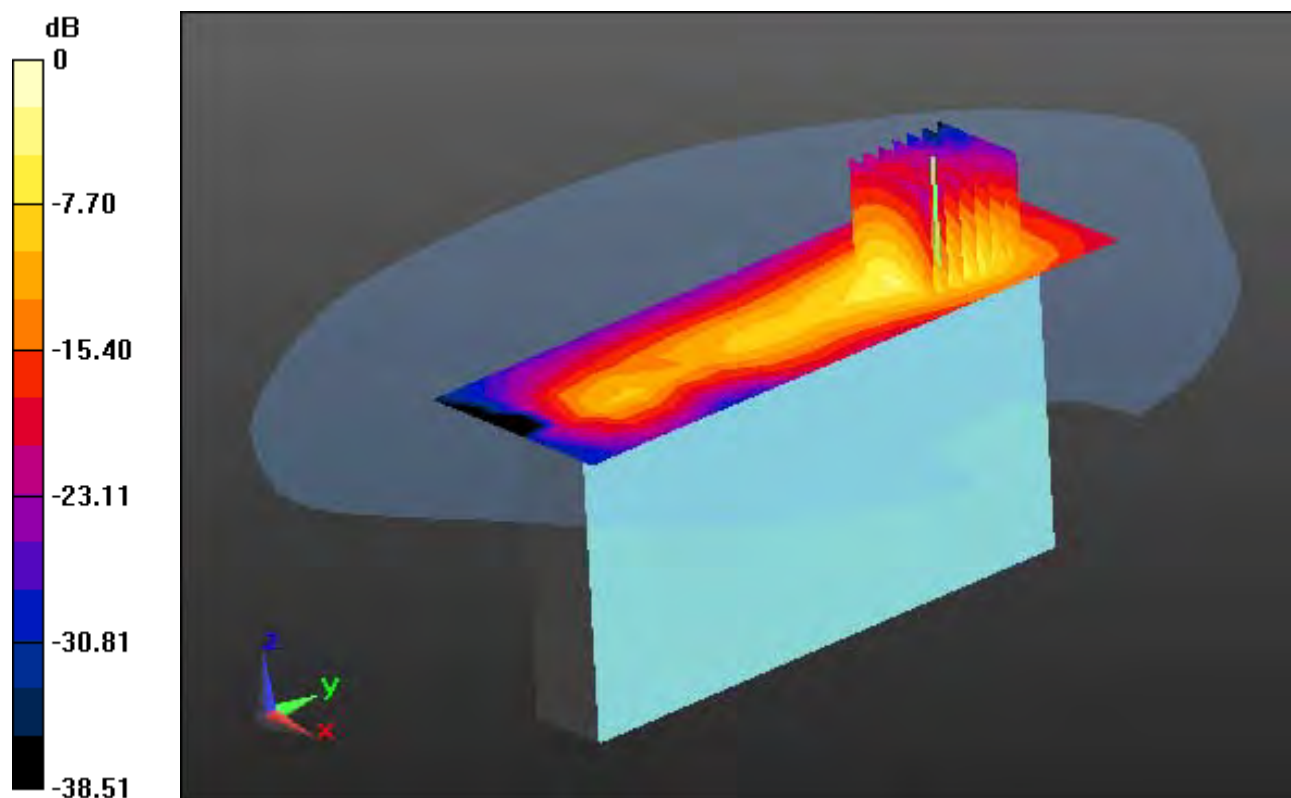
**Area Scan (6x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

**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) = 2.09 W/kg

**SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.259 W/kg**



0 dB = 1.07 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.017$  S/m;  $\epsilon_r = 51.639$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.7

### **Touch from Body, Left, W-LAN(802.11b) Ch. 11, Ant Internal**

#### **With Enlarge Plot image**

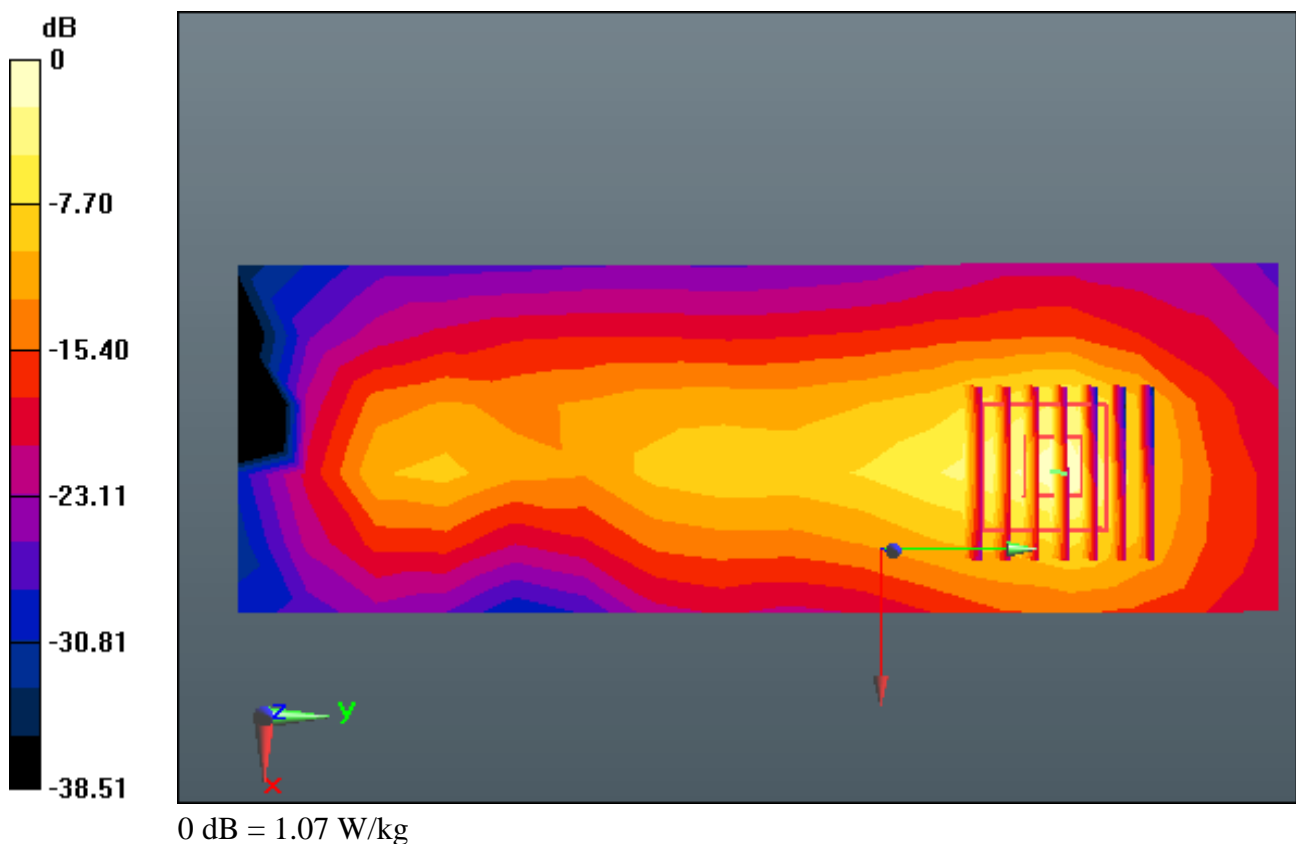
**Area Scan (6x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.259 W/kg**



## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.017 \text{ S/m}$ ;  $\epsilon_r = 51.639$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(4.53, 4.53, 4.53); Calibrated: 3/21/2017; Electronics: DAE4 Sn1392  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-04-20; Ambient Temp: 20.7; Tissue Temp: 21.7

### Touch from Body, Left, W-LAN(802.11b) Ch. 11, Ant Internal

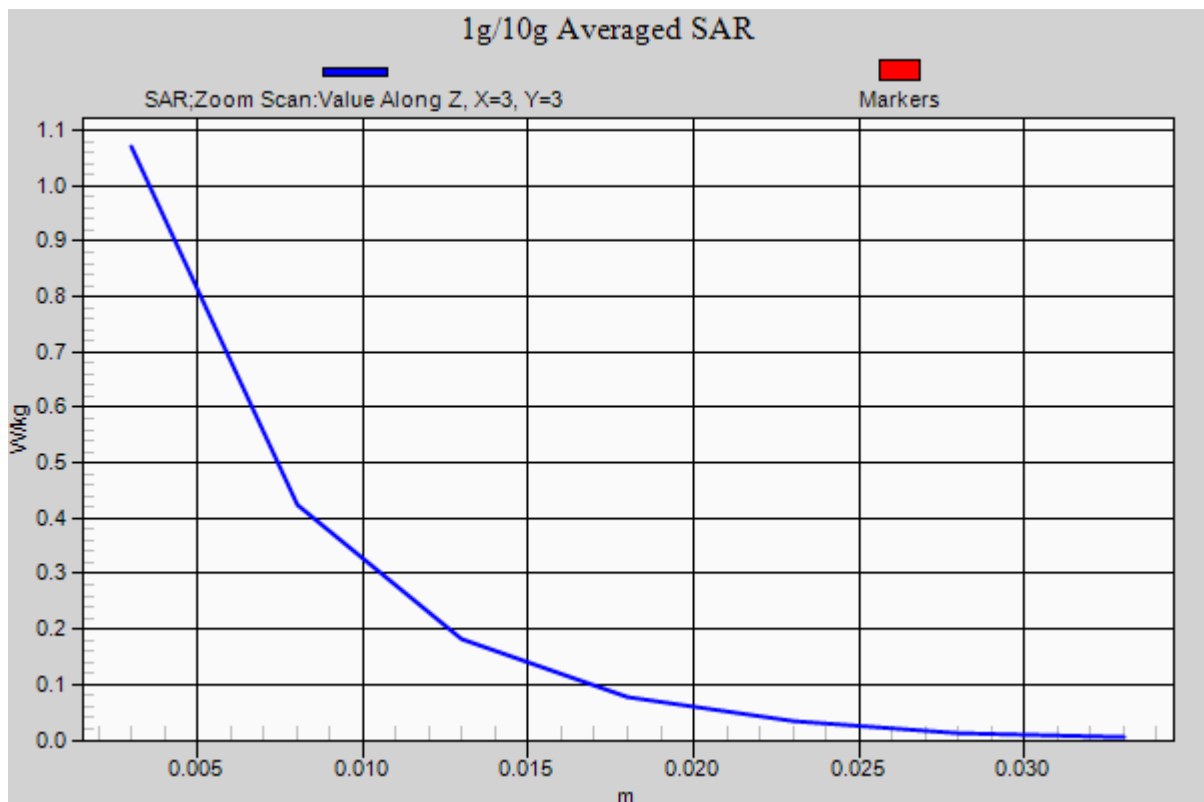
**Area Scan (6x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

**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) = 2.09 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.259 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.34$  S/m;  $\epsilon_r = 49.036$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

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

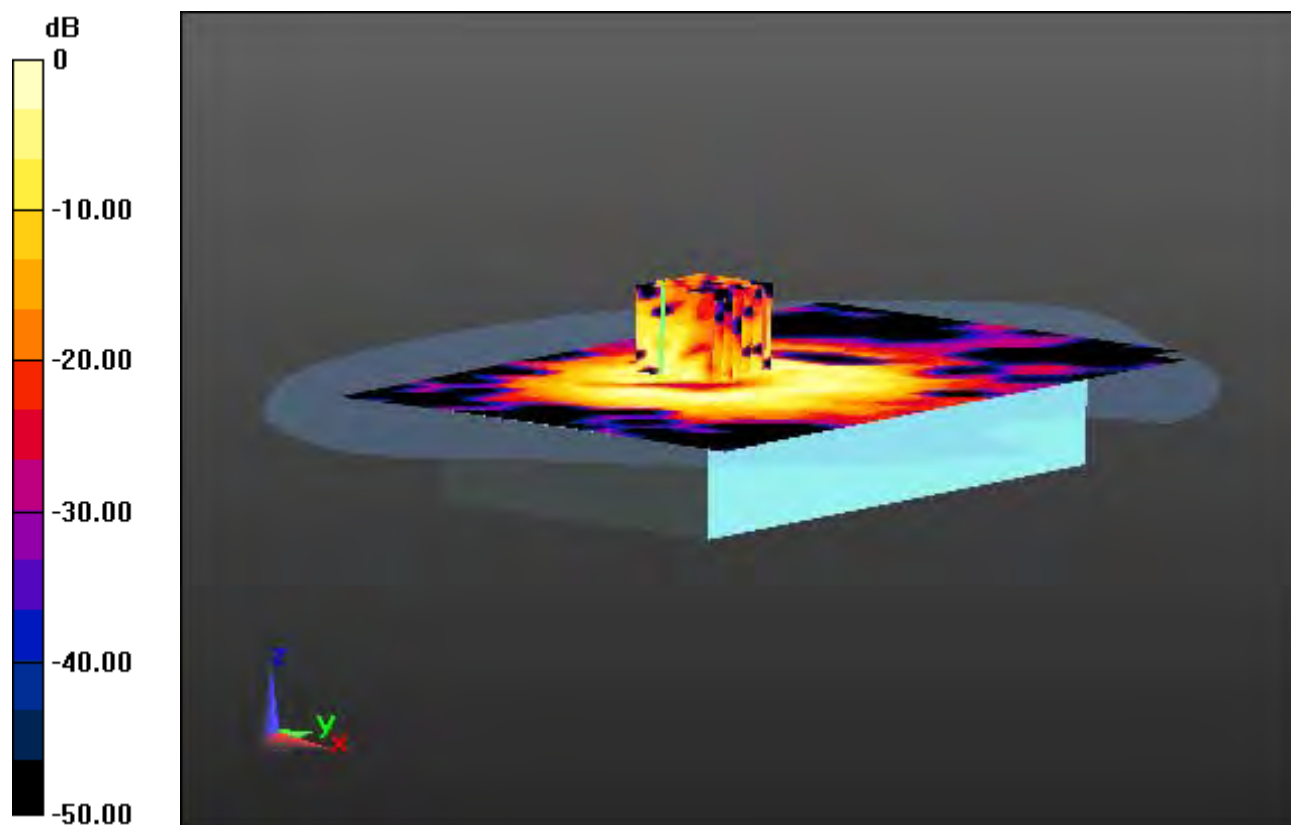
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.208 W/kg**



0 dB = 1.29 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 5.34 \text{ S/m}$ ;  $\epsilon_r = 49.036$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

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

**With Enlarge Plot image**

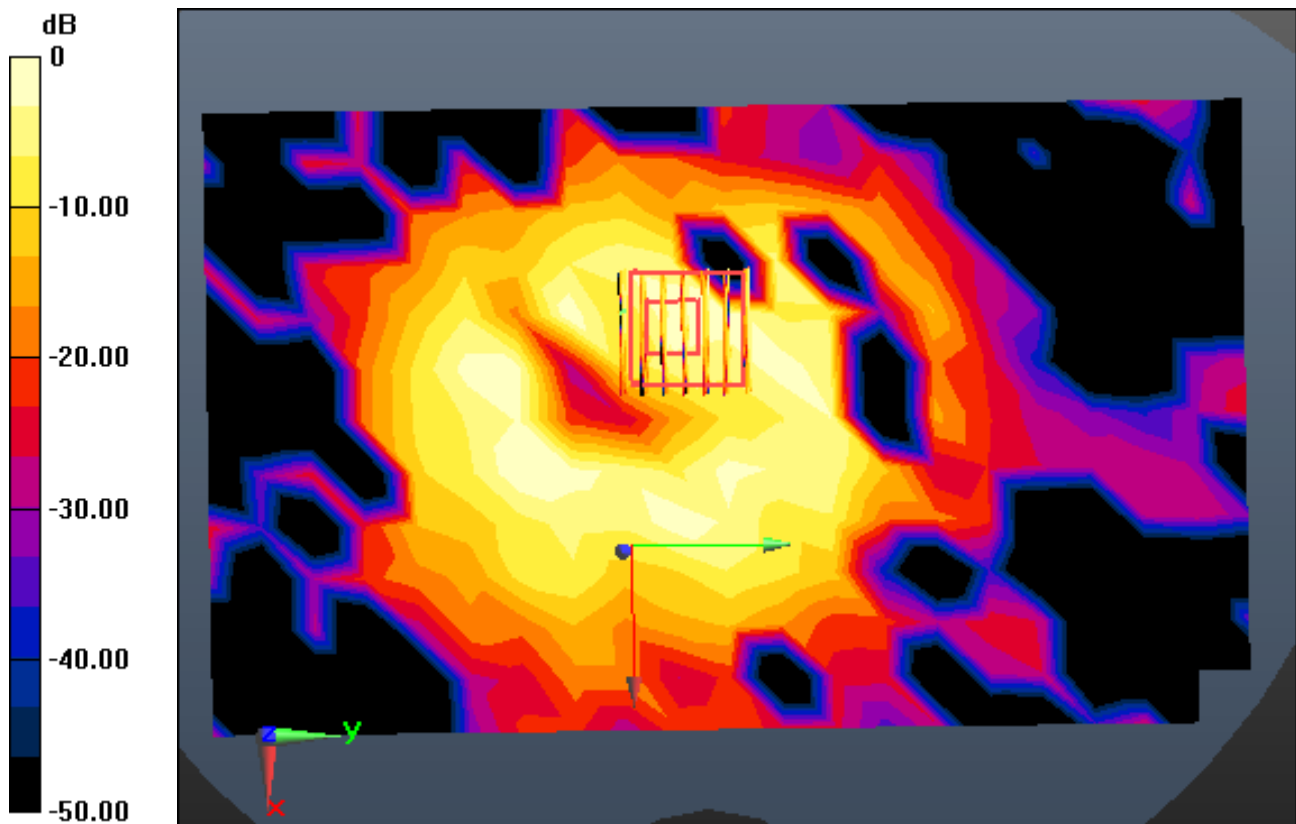
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.208 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 5.34 \text{ S/m}$ ;  $\epsilon_r = 49.036$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.46, 4.46, 4.46); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-21; Ambient Temp: 21.0; Tissue Temp: 21.5

### **Touch from Body, Rear, W-LAN(5.3G 802.11a) Ch. 52, Ant Internal**

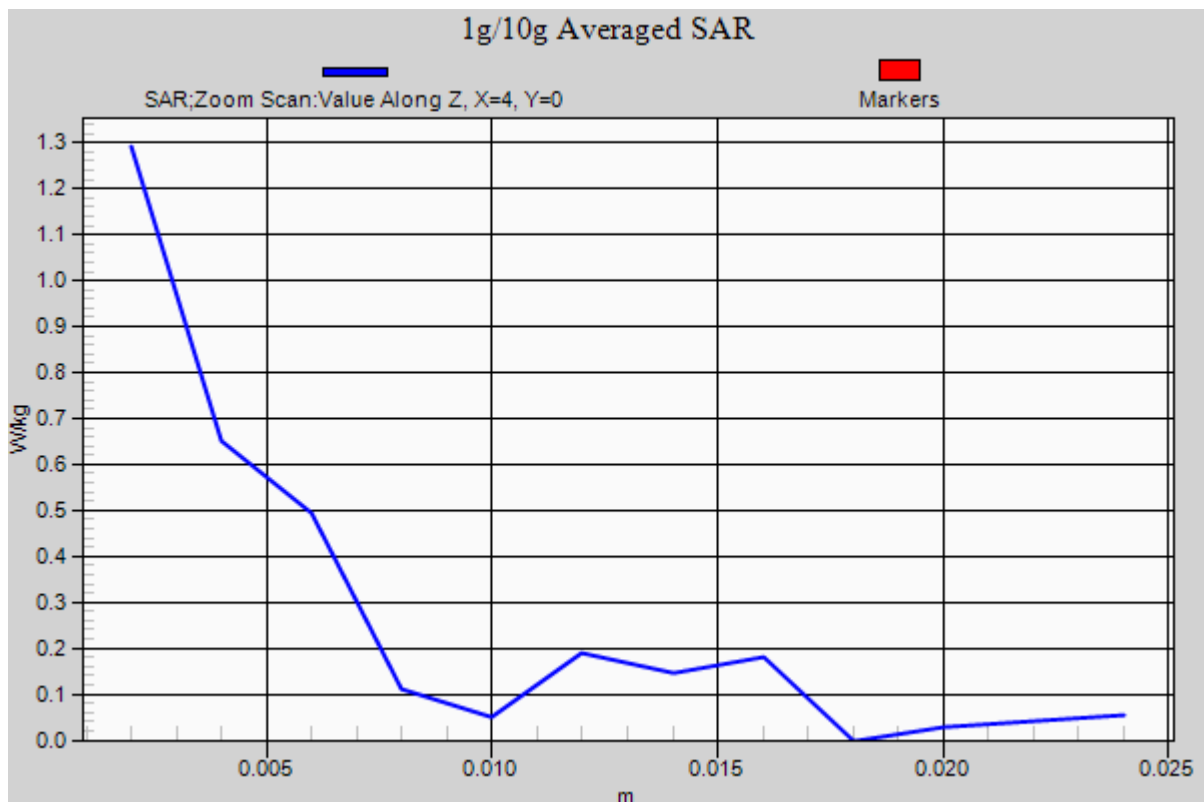
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.208 W/kg**



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 6.042 \text{ S/m}$ ;  $\epsilon_r = 49.628$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp; 20.5; Tissue Temp: 21.5

**Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal**

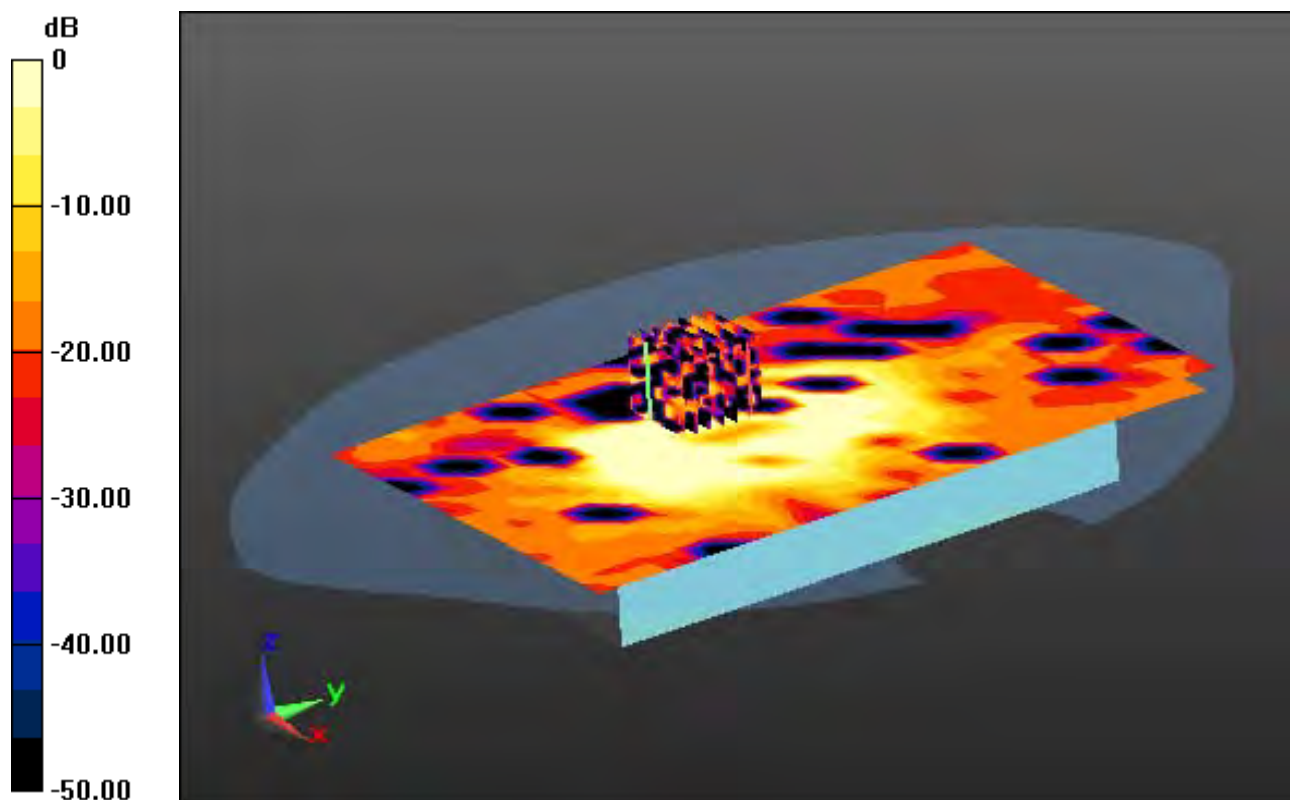
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.369 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700 \text{ MHz}$ ;  $\sigma = 6.042 \text{ S/m}$ ;  $\epsilon_r = 49.628$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp; 20.5; Tissue Temp: 21.5

**Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal**

**With Enlarge Plot image**

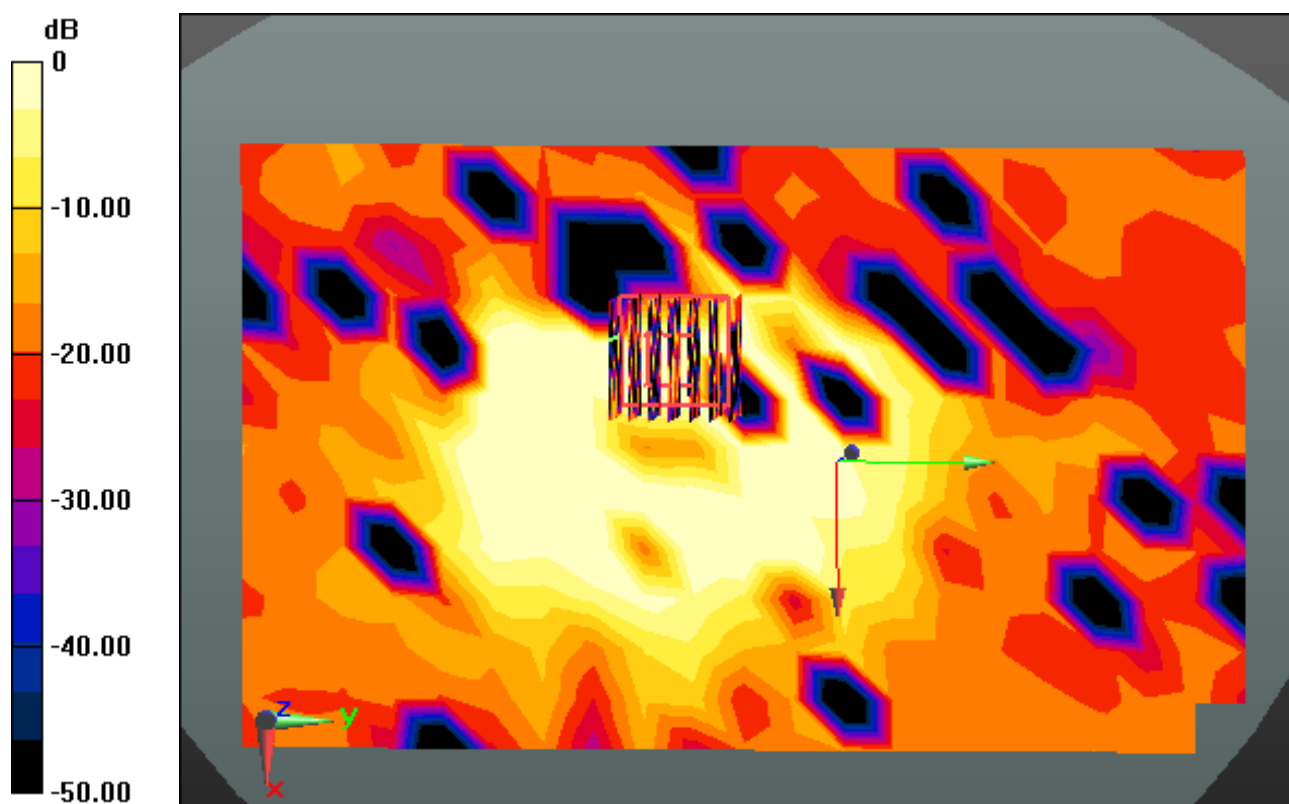
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.027 W/kg**



0 dB = 0.369 W/kg

## DT&C Co., Ltd.

### DUT: PM80; Type: PDA

Communication System: UID 0, W-LAN 5G (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.042$  S/m;  $\epsilon_r = 49.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.02, 4.02, 4.02); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-24; Ambient Temp; 20.5; Tissue Temp: 21.5

### Touch from Body, Rear, W-LAN(5.6G 802.11a) Ch. 140, Ant Internal

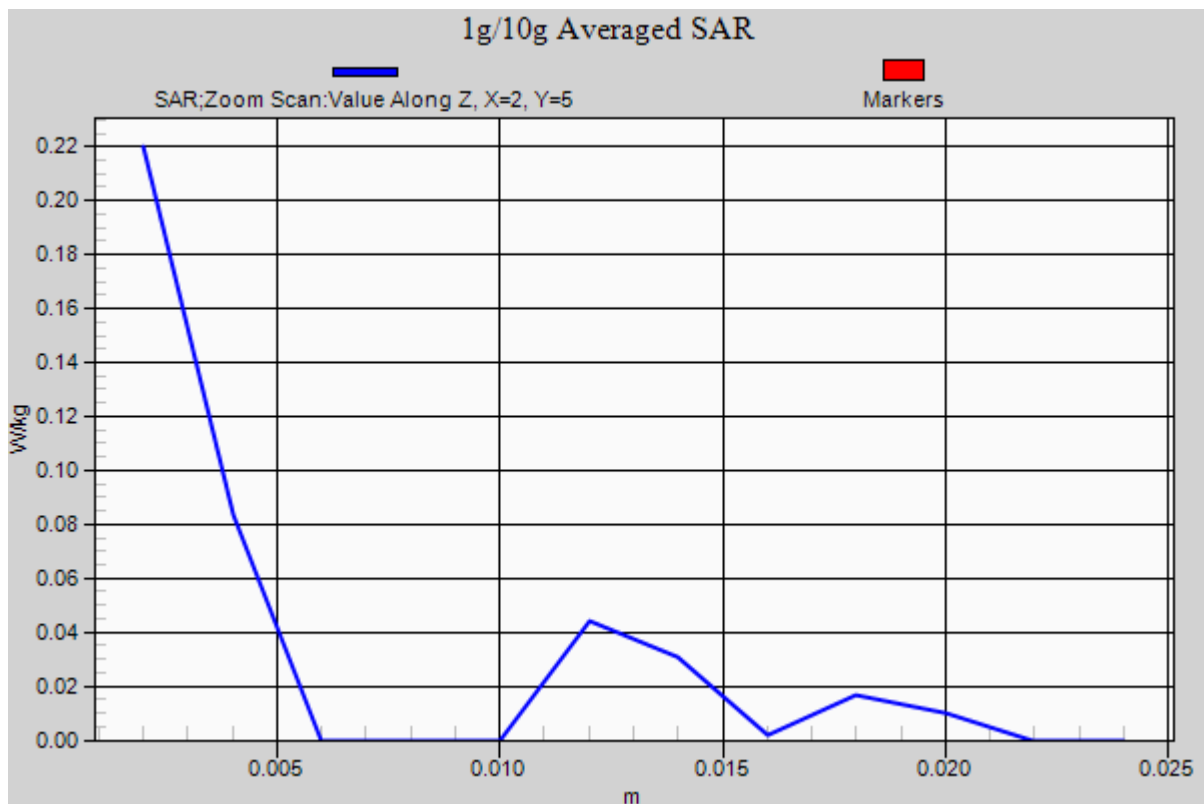
**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.027 W/kg



## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.224 \text{ S/m}$ ;  $\epsilon_r = 49.599$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.5

**Touch from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal**

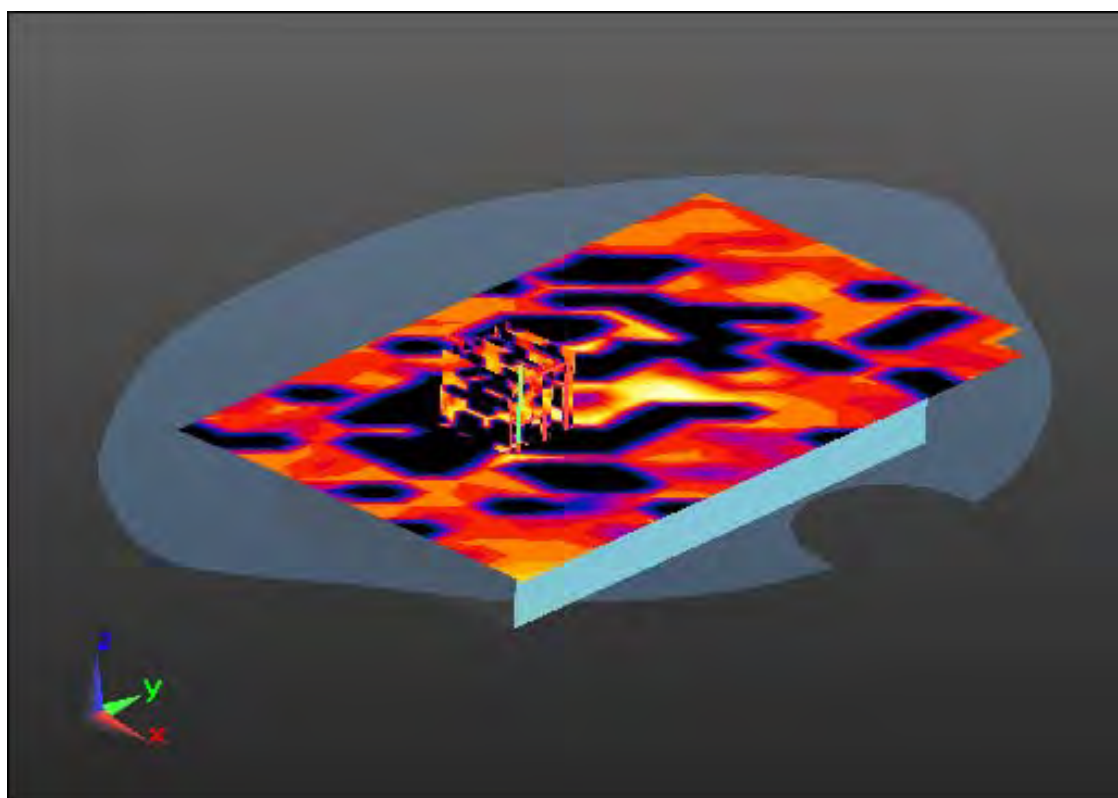
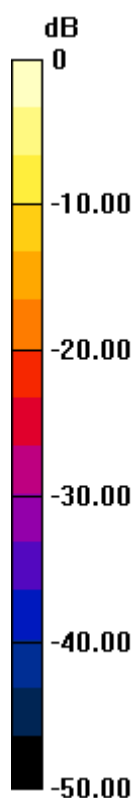
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.029 W/kg**



0 dB = 0.374 W/kg

## DT&C Co., Ltd.

**DUT: PM80; Type: PDA**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.224 \text{ S/m}$ ;  $\epsilon_r = 49.599$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.5

**Touch from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal**

**With Enlarge Plot image**

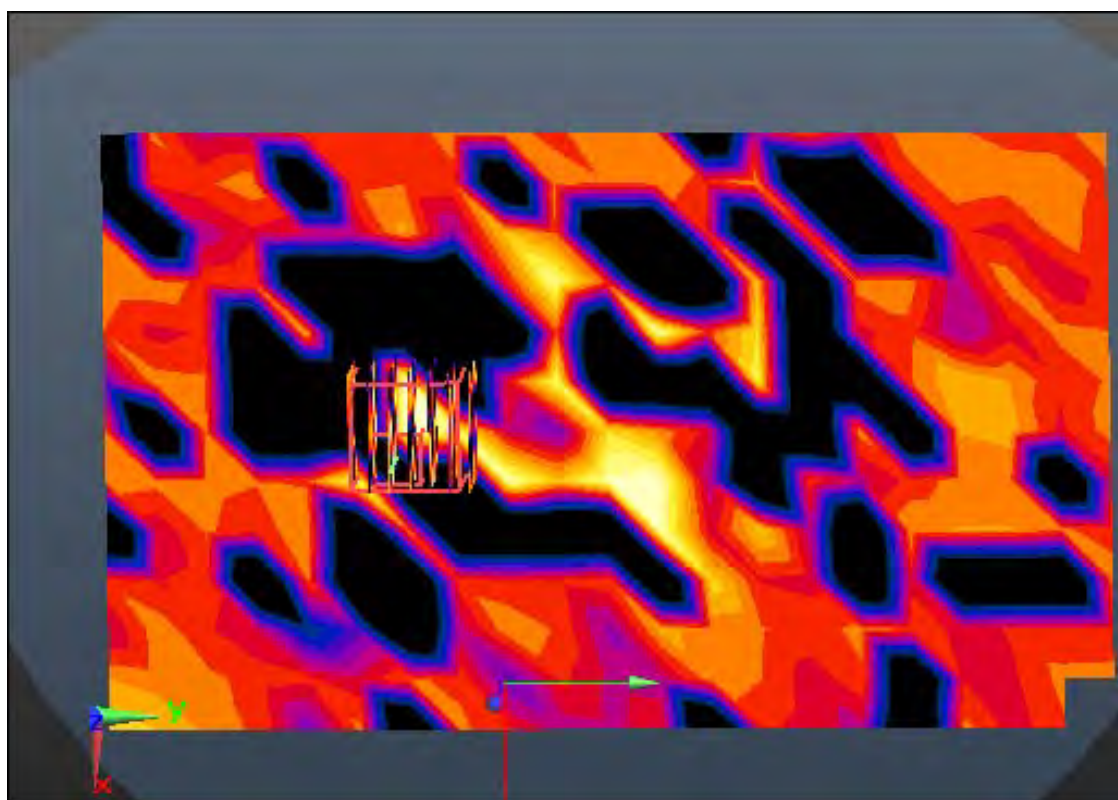
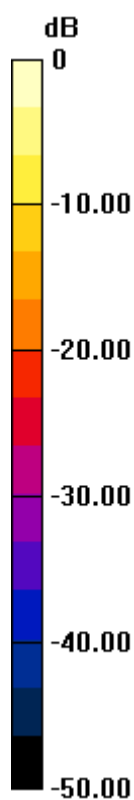
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.029 W/kg**



0 dB = 0.374 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.224$  S/m;  $\epsilon_r = 49.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.11, 4.11, 4.11); Calibrated: 7/28/2016; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2017-04-25; Ambient Temp: 20.8; Tissue Temp: 21.5

### **Touch from Body, Rear, W-LAN(5.8G 802.11a) Ch. 165, Ant Internal**

**Area Scan (13x21x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.029 W/kg**

