

## SAR Plots

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.753$  S/m;  $\epsilon_r = 40.56$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.17, 7.17, 7.17); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp: 21.2

### **2450 MHz System Verification**

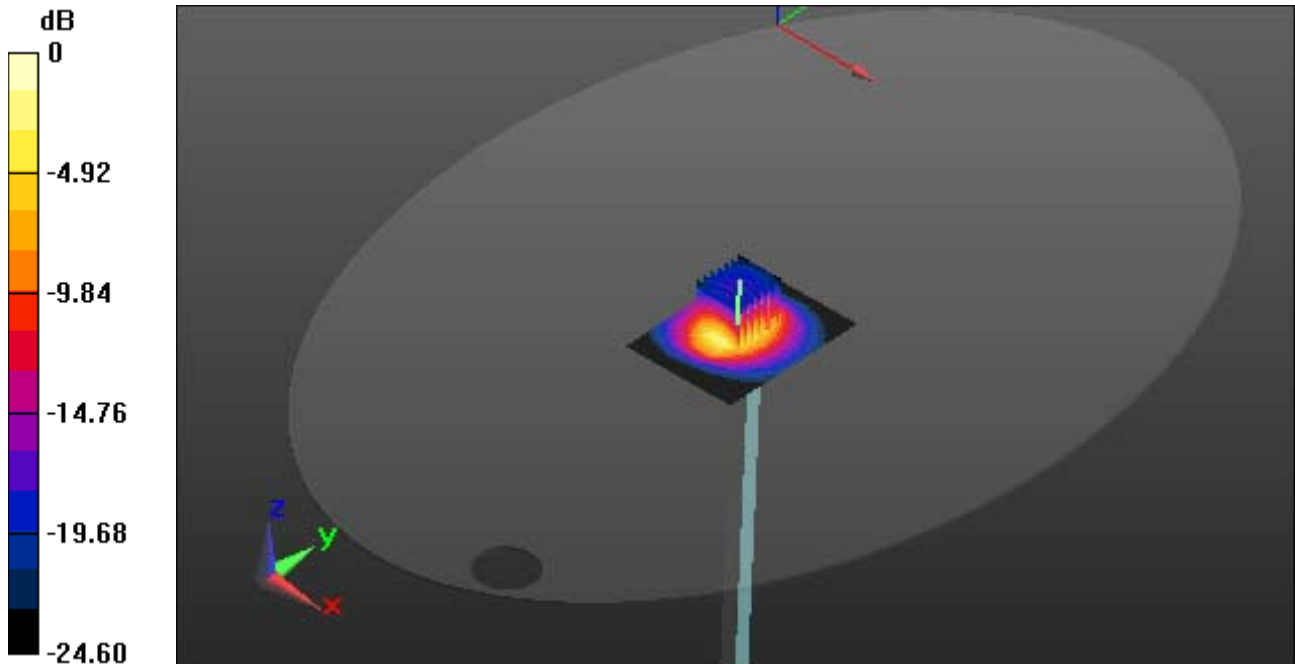
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.0 W/kg

**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.05 W/kg**



0 dB = 19.5 W/kg

# DT&C Co., Ltd.

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

Communication System: CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.753$  S/m;  $\epsilon_r = 40.56$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.17, 7.17, 7.17); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp: 21.2

## **2450 MHz System Verification**

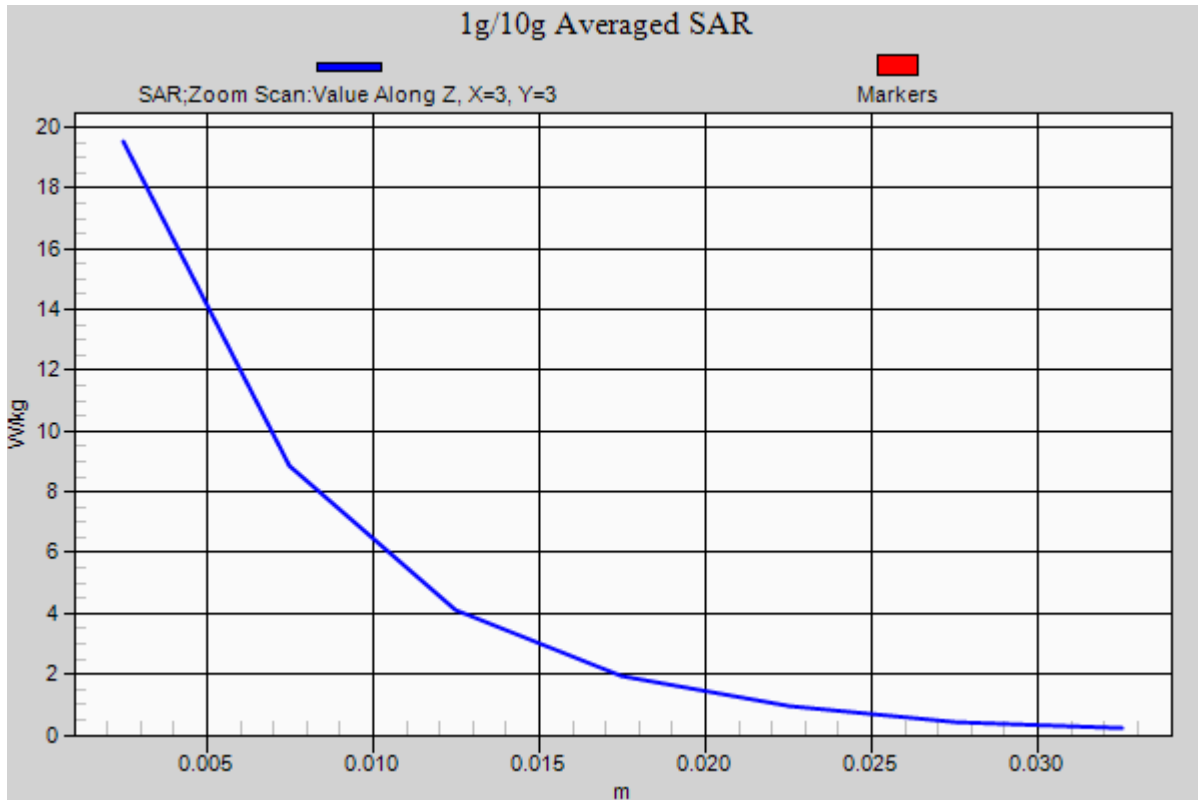
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 30.0 W/kg

**SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.05 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.796$  S/m;  $\epsilon_r = 36.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.34, 5.34, 5.34); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp: 21.0

### **5200 MHz System Verification**

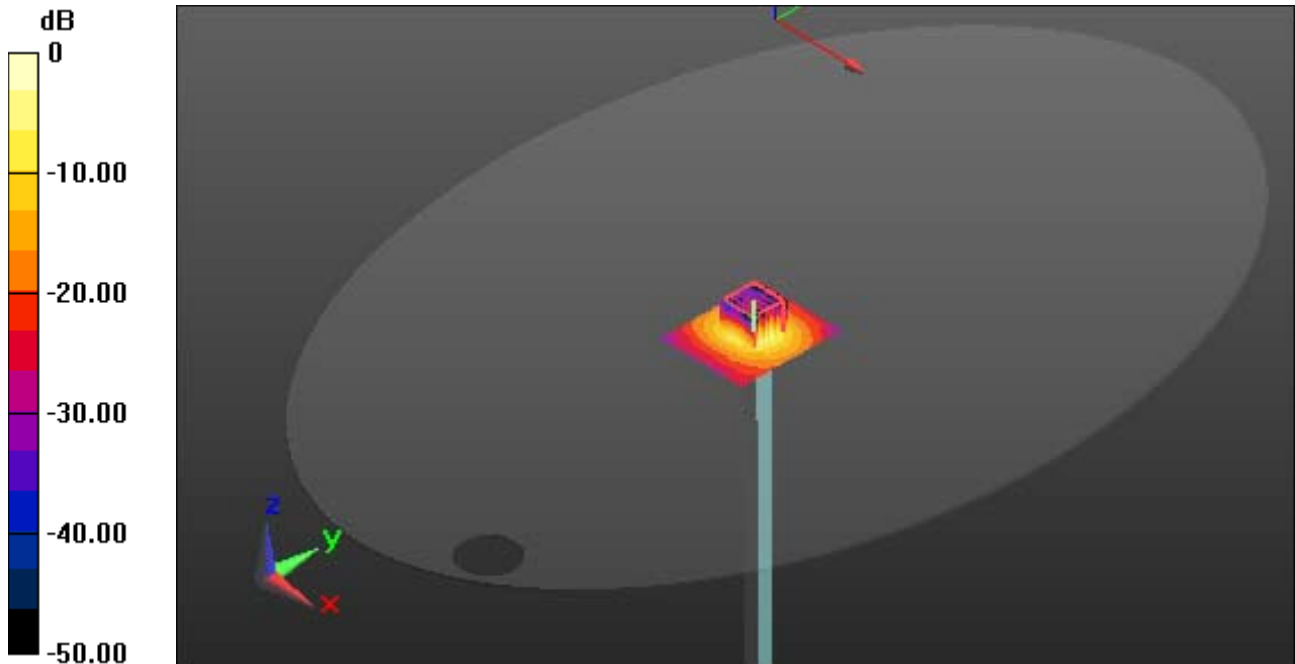
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 34.7 W/kg

**SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.16 W/kg**



0 dB = 16.1 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.796$  S/m;  $\epsilon_r = 36.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.34, 5.34, 5.34); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp: 21.0

### **5200 MHz System Verification**

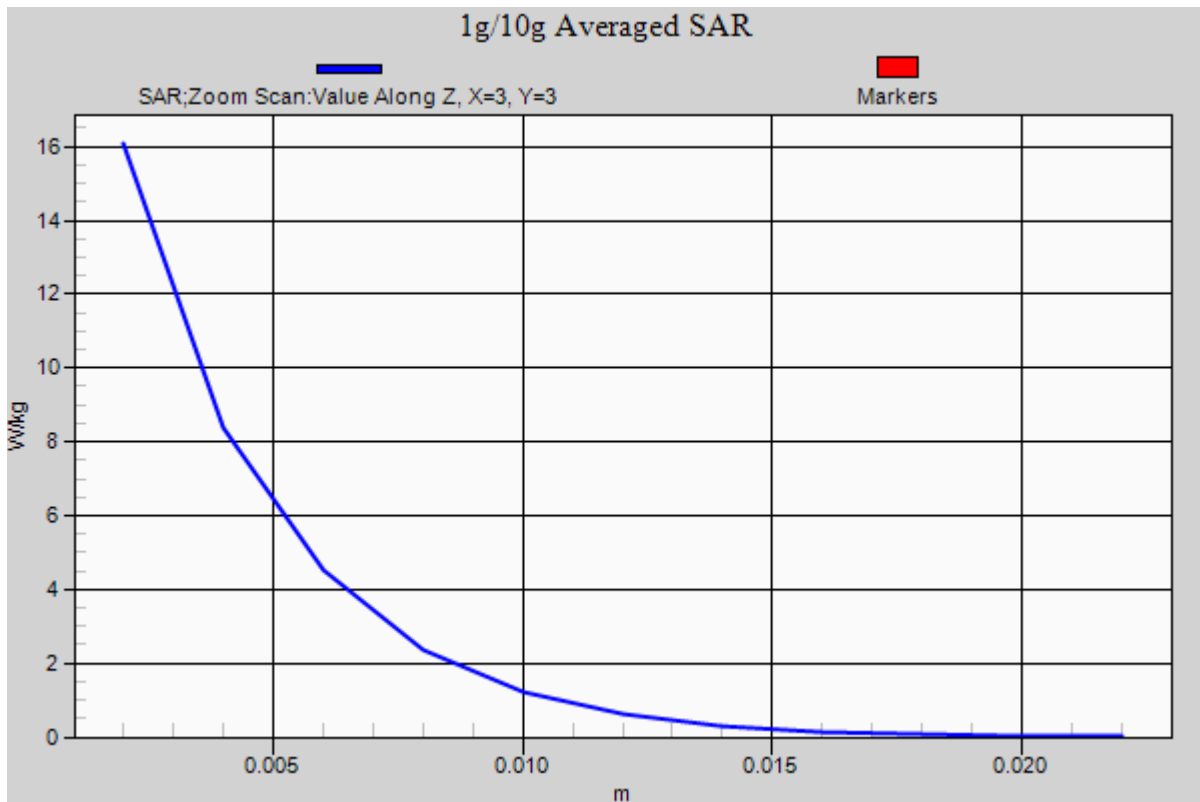
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 34.7 W/kg

**SAR(1 g) = 7.7 W/kg; SAR(10 g) = 2.16 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.214$  S/m;  $\epsilon_r = 34.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.58, 4.58, 4.58); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp: 21.7

### **5800 MHz System Verification**

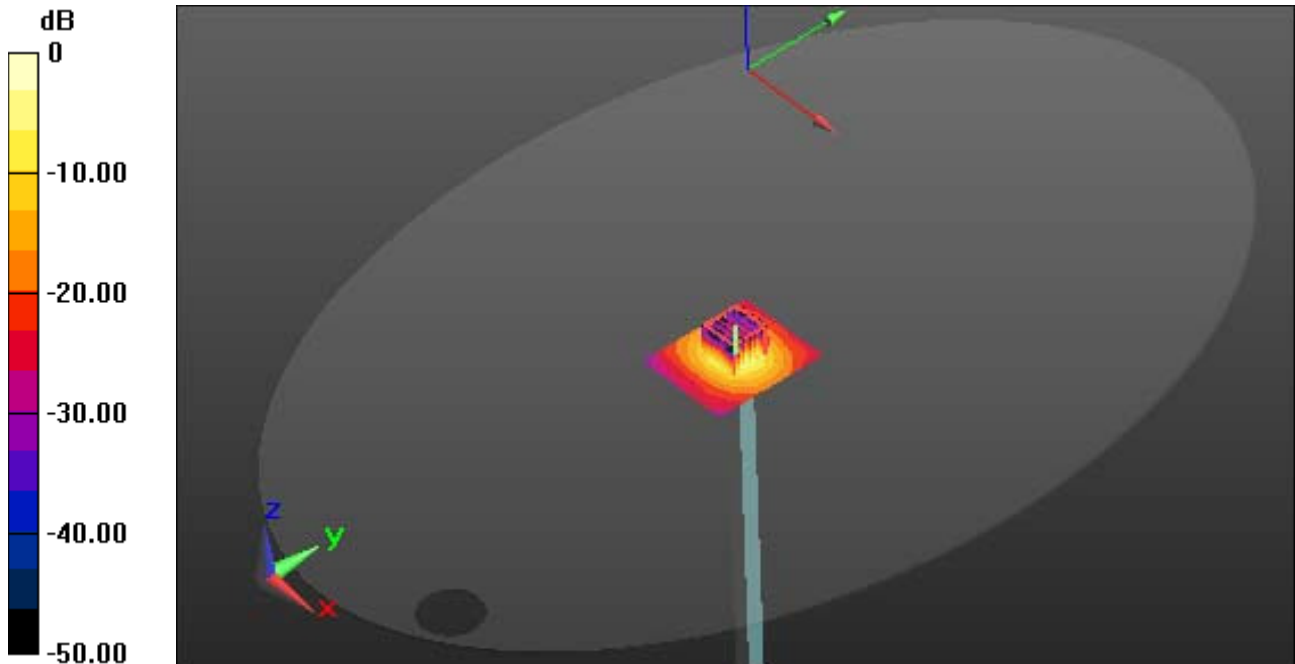
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.17 W/kg



0 dB = 16.3 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.214$  S/m;  $\epsilon_r = 34.835$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.58, 4.58, 4.58); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp: 21.7

### **5800 MHz System Verification**

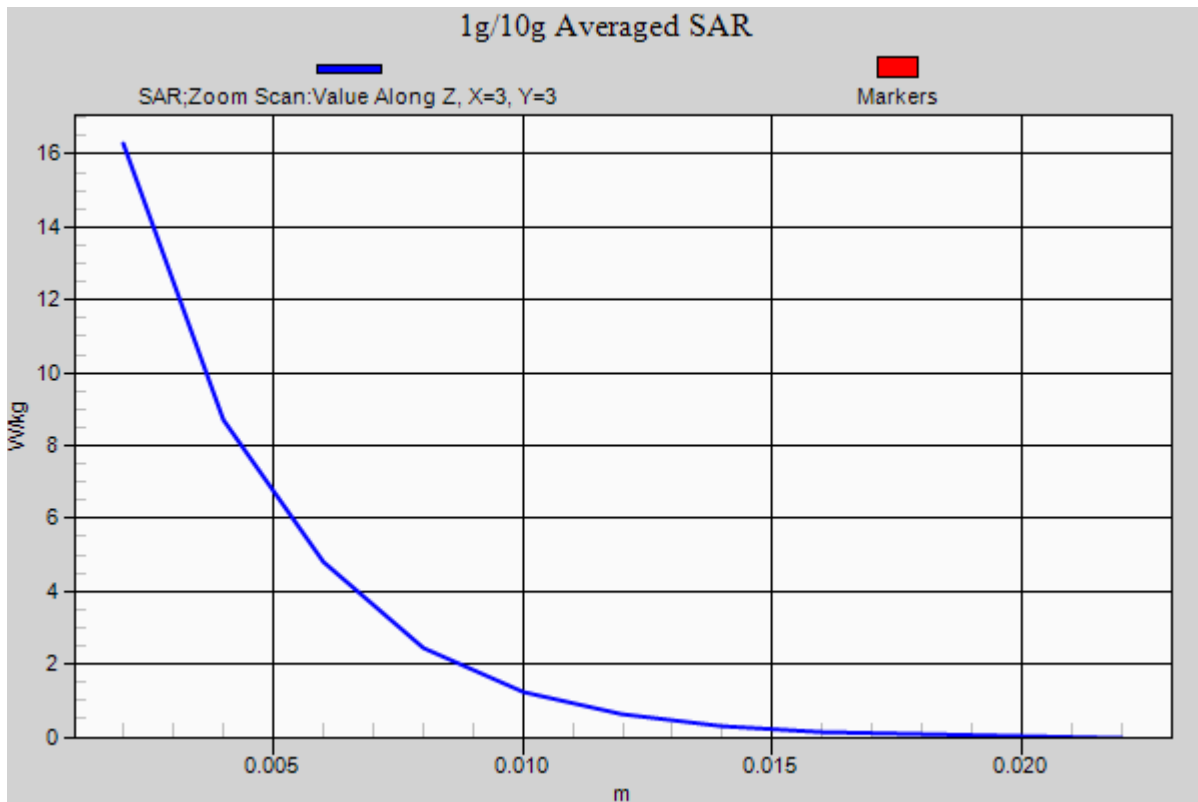
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 33.0 W/kg

**SAR(1 g) = 7.75 W/kg; SAR(10 g) = 2.17 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;  $\sigma = 1.913$  S/m;  $\epsilon_r = 52.573$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp: 21.4

### **2450 MHz System Verification**

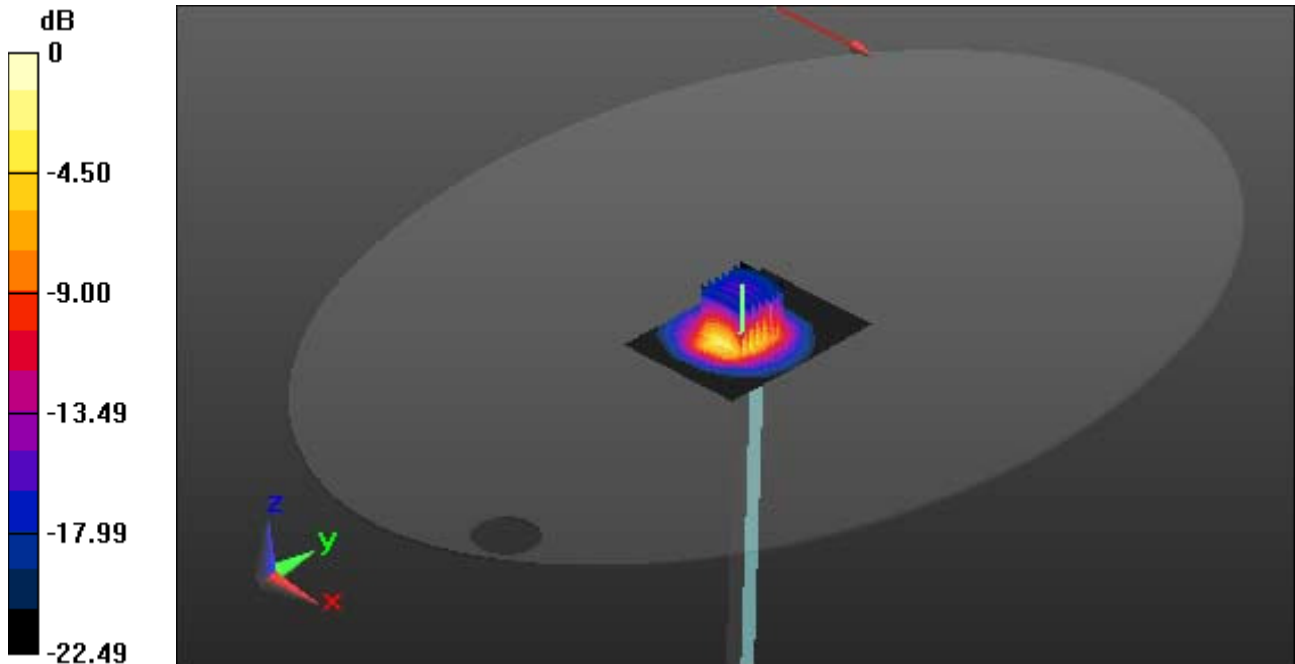
**Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.94 W/kg



0 dB = 18.2 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;  $\sigma = 1.913$  S/m;  $\epsilon_r = 52.573$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp: 21.4

## **2450 MHz System Verification**

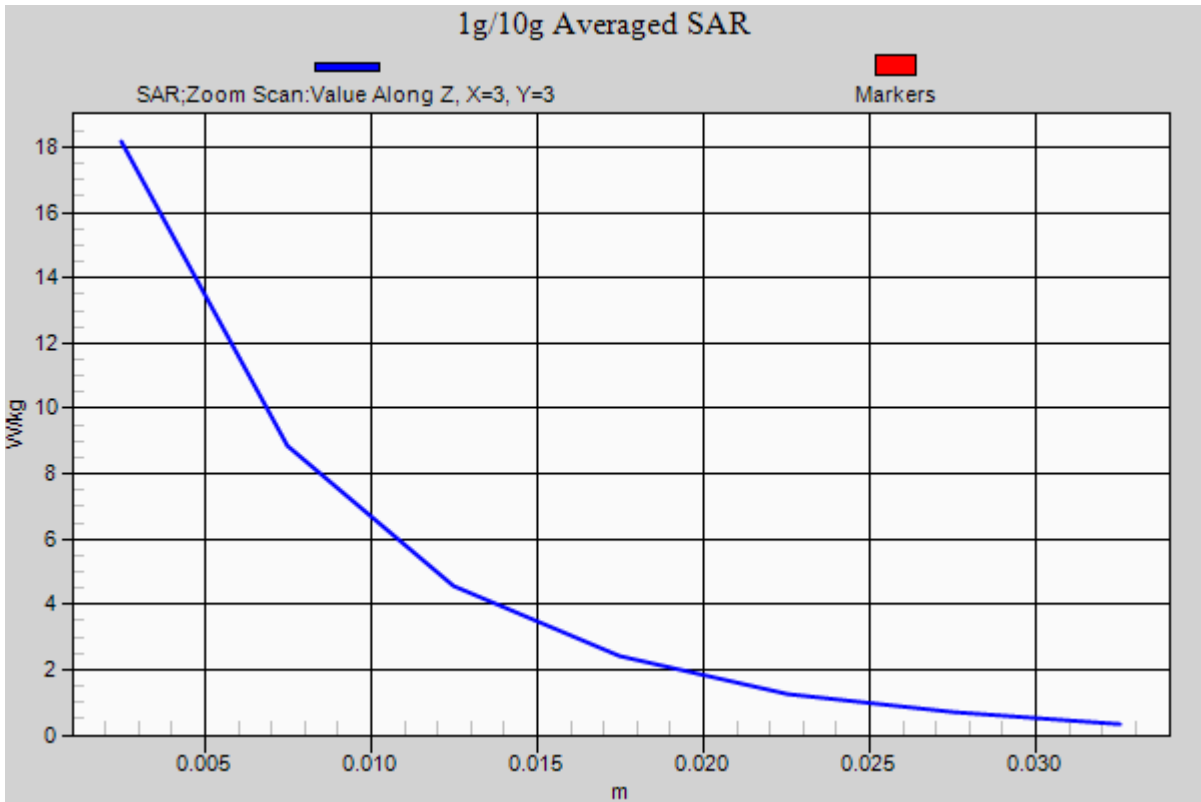
**Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 27.2 W/kg

**SAR(1 g) = 12.9 W/kg; SAR(10 g) = 5.94 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.375$  S/m;  $\epsilon_r = 47.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.65, 4.65, 4.65); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp: 20.9

### **5200 MHz System Verification**

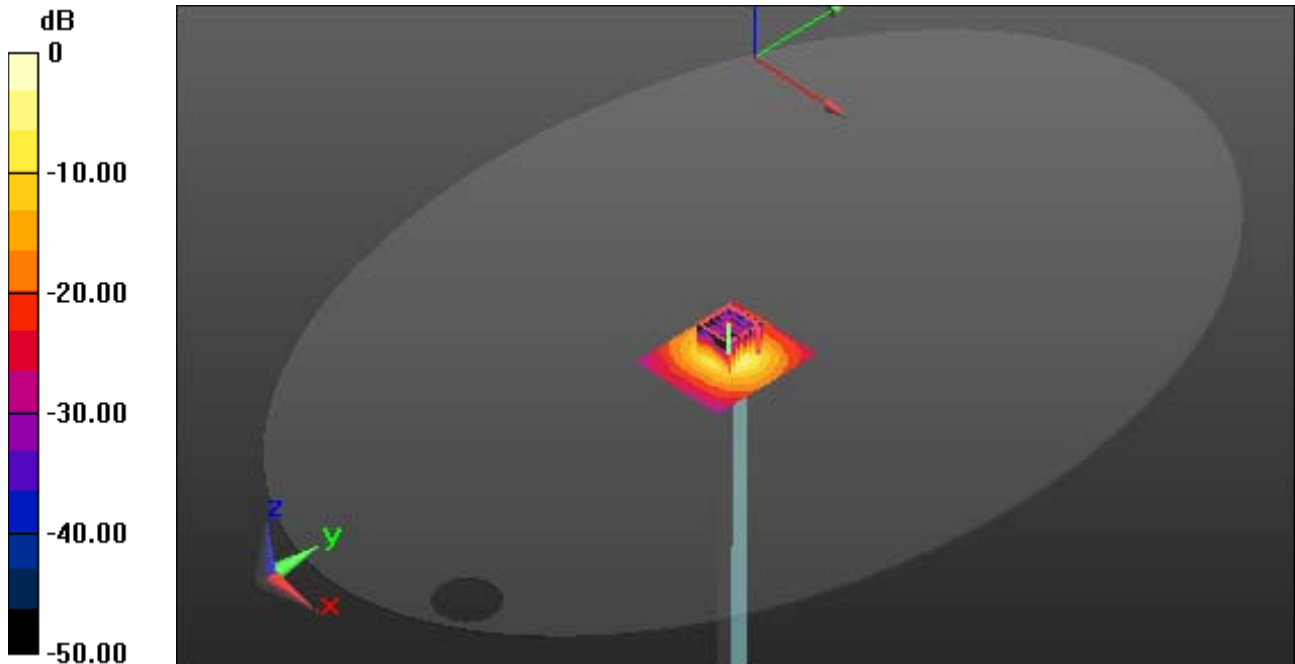
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 31.7 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.08 W/kg**



0 dB = 15.8 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.375$  S/m;  $\epsilon_r = 47.433$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.65, 4.65, 4.65); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp: 20.9

## **5200 MHz System Verification**

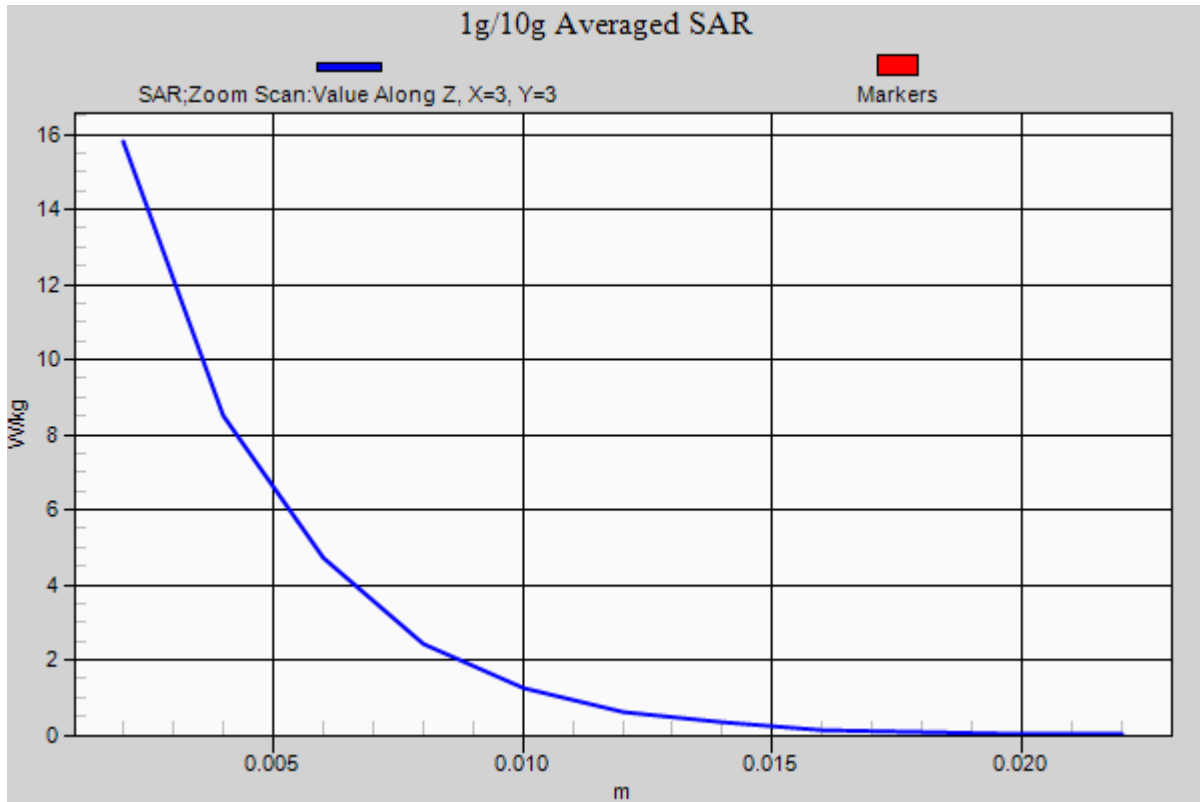
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 31.7 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.08 W/kg**



## DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.144$  S/m;  $\epsilon_r = 46.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp: 21.0

### **5800 MHz System Verification**

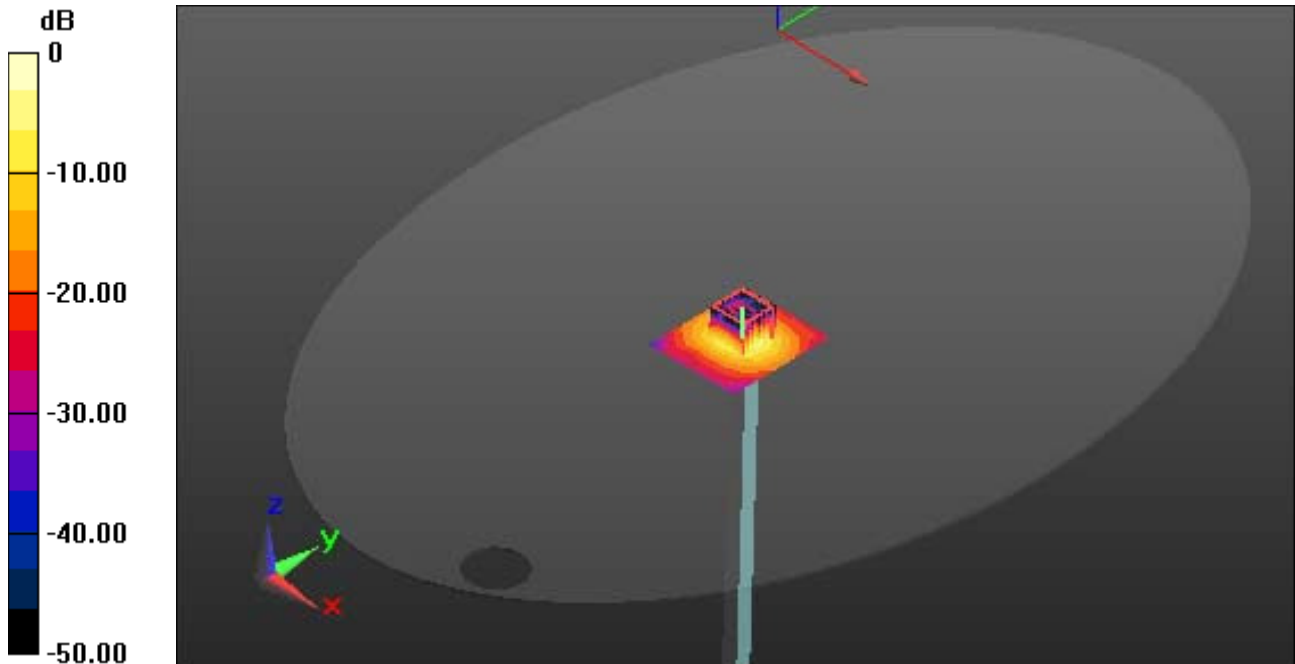
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 28.7 W/kg

SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.03 W/kg



0 dB = 15.2 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.144$  S/m;  $\epsilon_r = 46.324$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp: 21.0

## **5800 MHz System Verification**

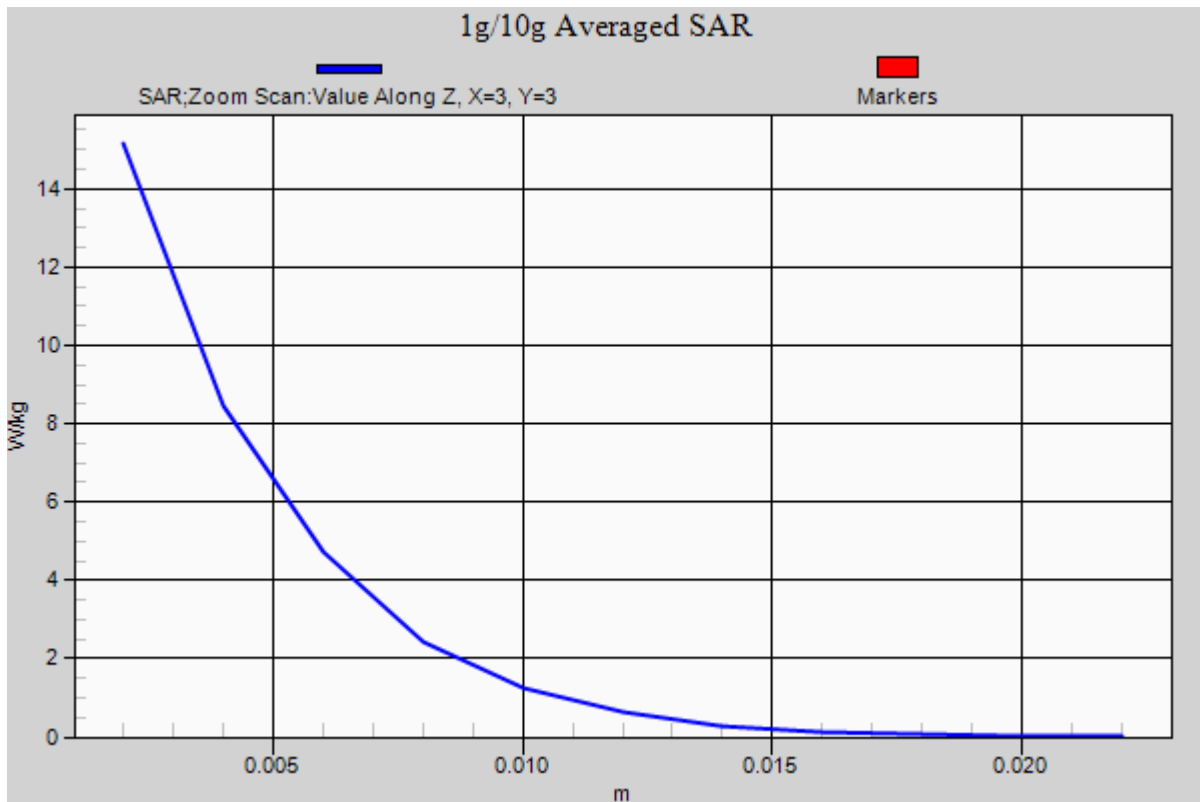
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 28.7 W/kg

**SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.03 W/kg**



# DT&C Co., Ltd.

## **DUT: EVS 2430Wi; Type: X-ray Detector**

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;  $\sigma = 1.761$  S/m;  $\epsilon_r = 40.519$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.17, 7.17, 7.17); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp:21.2

## **Touch from Body, Front, W-LAN(802.11b - 2.4G) Ch. 11, Ant Internal**

### **Ant. 1**

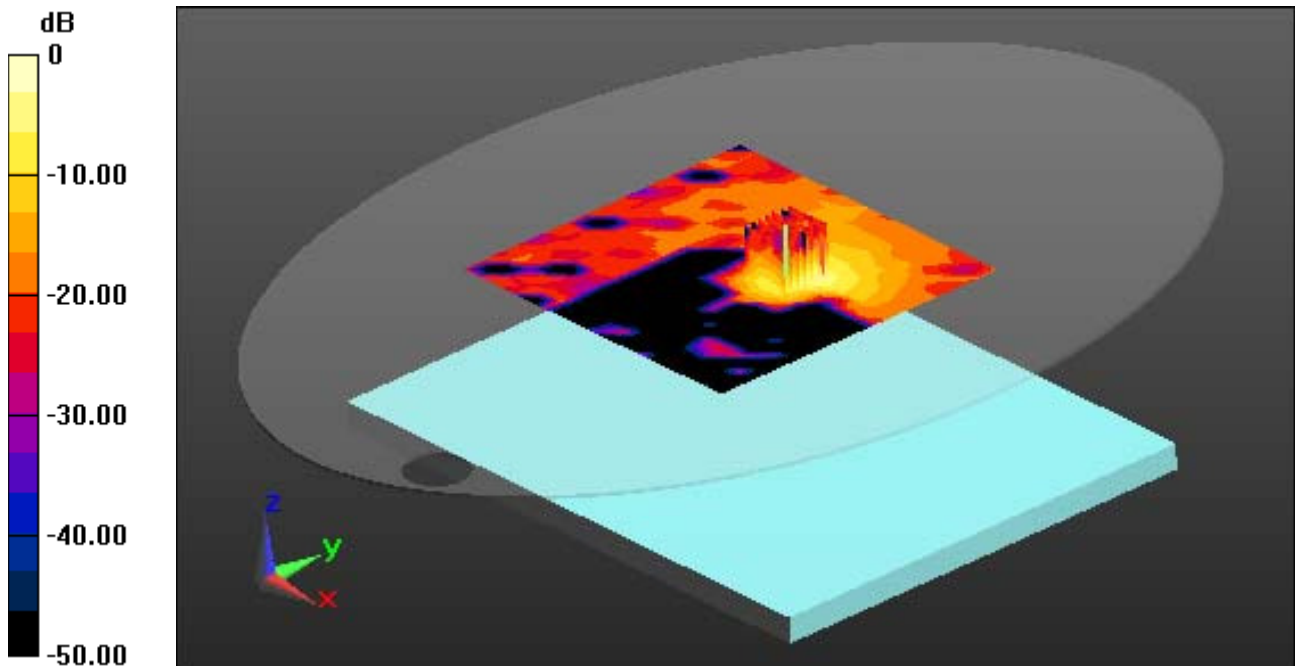
**Area Scan (17x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.037 W/kg**



0 dB = 0.176 W/kg

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

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;  $\sigma = 1.761$  S/m;  $\epsilon_r = 40.519$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.17, 7.17, 7.17); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp:21.2

## Touch from Body, Front, W-LAN(802.11b - 2.4G) Ch. 11, Ant Internal

### Ant. 1

### With Enlarge plot image

**Area Scan (17x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.037 W/kg

The figure is a 2D heatmap representing the Specific Absorption Rate (SAR) distribution. The color scale on the left ranges from 0 dB (yellow) to -50.00 dB (black). The plot shows a high-intensity region (yellow/red) corresponding to the antenna location, with a grid overlay indicating the measurement area. A 3D coordinate system (x, y, z) is visible in the bottom left corner.

0 dB = 0.176 W/kg

A1

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

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;  $\sigma = 1.761$  S/m;  $\epsilon_r = 40.519$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.17, 7.17, 7.17); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp:21.2

## Touch from Body, Front, W-LAN(802.11b - 2.4G) Ch. 11, Ant Internal

### Ant. 1

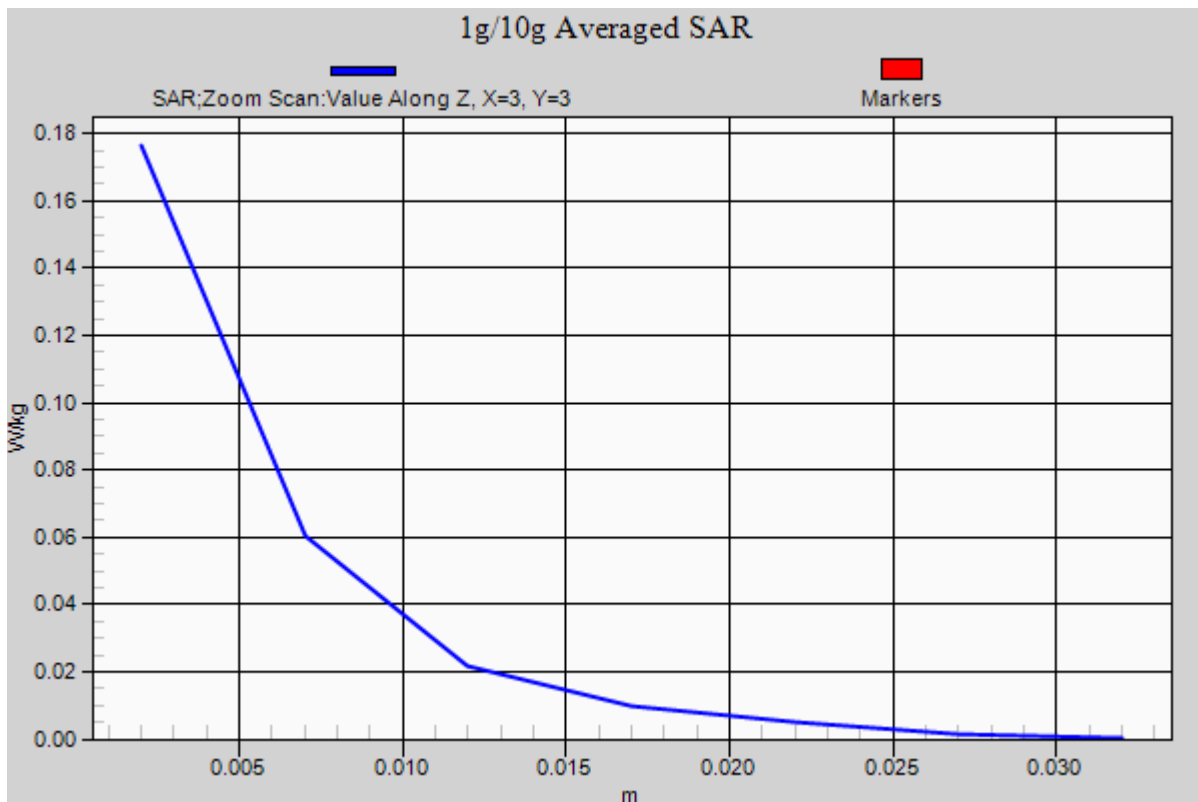
**Area Scan (17x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.037 W/kg**





# DT&C Co., Ltd.

## **DUT: EVS 2430Wi; Type: X-ray Detector**

Communication System: W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5190 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.795$  S/m;  $\epsilon_r = 36.314$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.34, 5.34, 5.34); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp:21.0

## **Touch from Body, Front, W-LAN(802.11n HT40 - 5.2G) Ch. 38, Ant Internal**

### **Ant. 2**

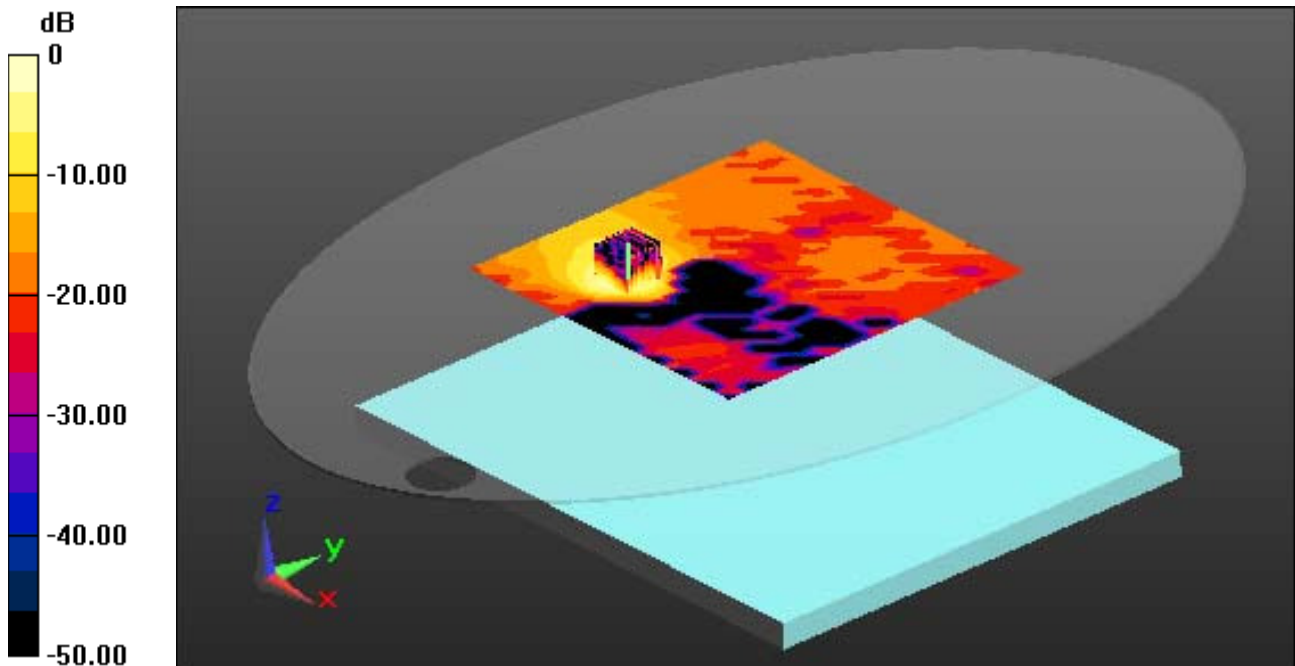
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.172 W/kg**



0 dB = 0.913 W/kg

# DT&C Co., Ltd.

## **DUT: EVS 2430Wi; Type: X-ray Detector**

Communication System: W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5190 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.795$  S/m;  $\epsilon_r = 36.314$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.34, 5.34, 5.34); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp:21.0

## **Touch from Body, Front, W-LAN(802.11n HT40 - 5.2G) Ch. 38, Ant Internal**

### **Ant. 2**

### **With Enlarge plot image**

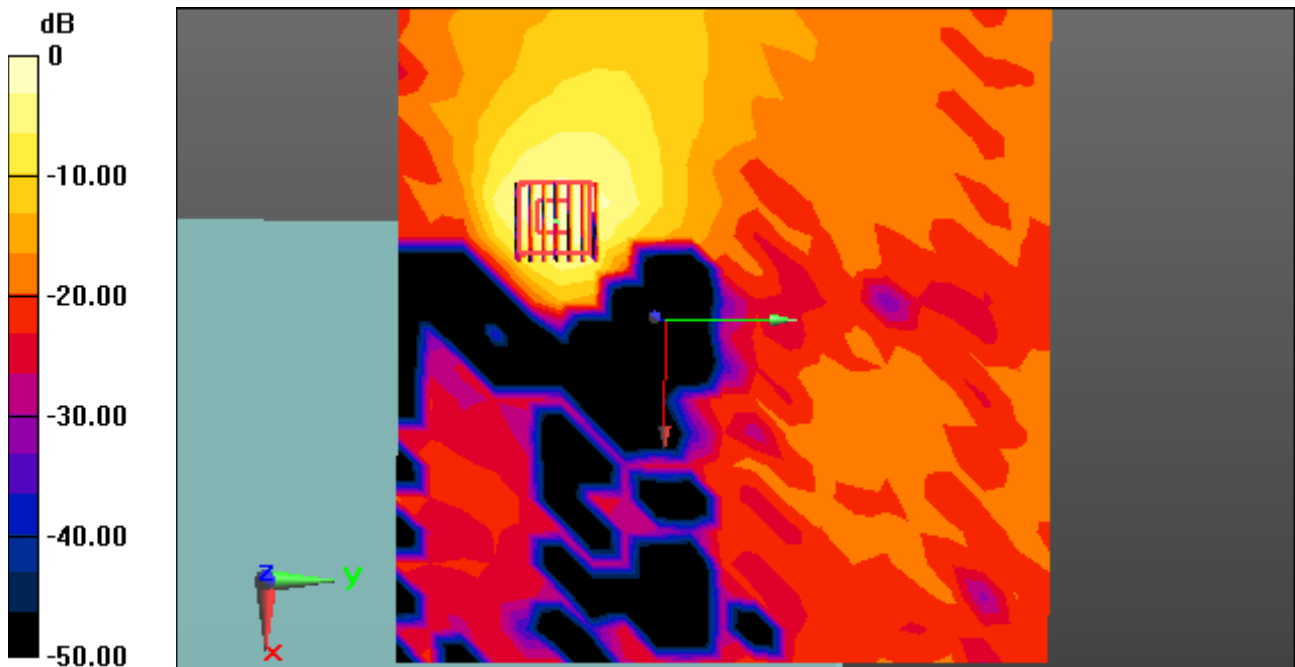
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.172 W/kg**



0 dB = 0.913 W/kg

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5190 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.795$  S/m;  $\epsilon_r = 36.314$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(5.34, 5.34, 5.34); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp:21.0

## Touch from Body, Front, W-LAN(802.11n HT40 - 5.2G) Ch. 38, Ant Internal

### Ant. 2

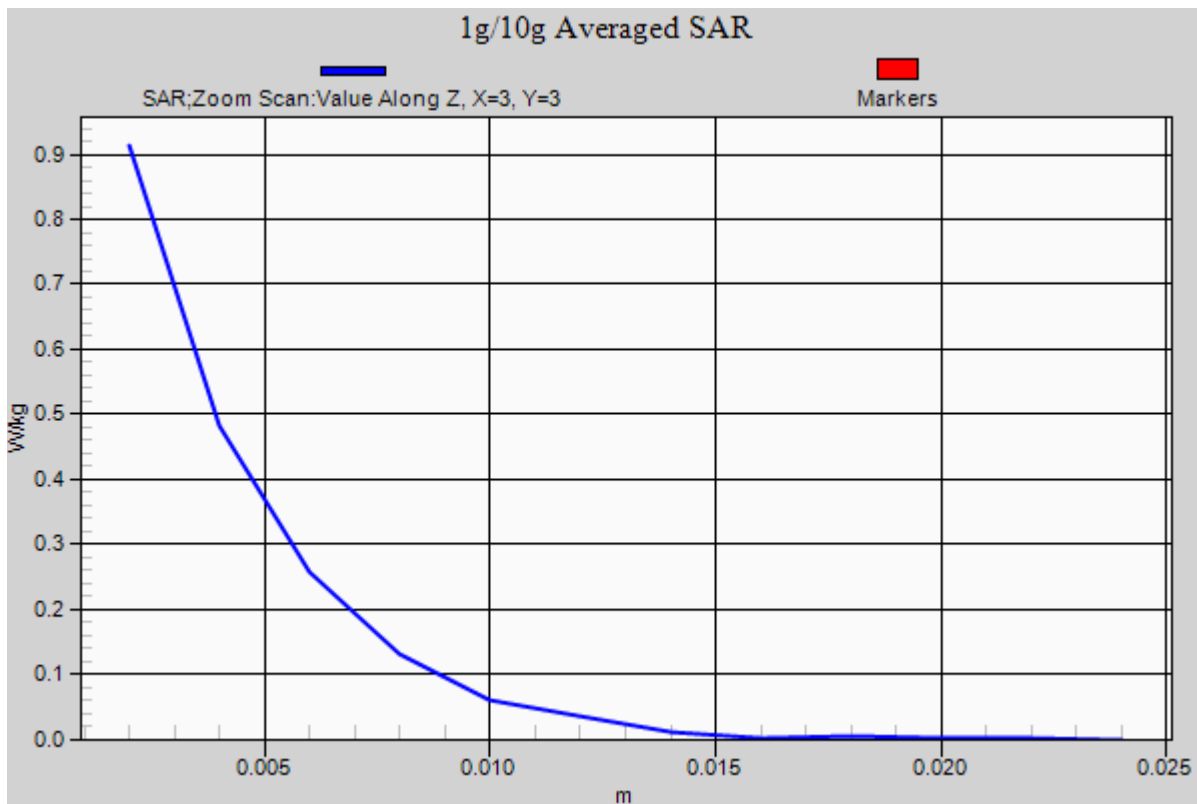
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.90 W/kg

**SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.172 W/kg**



# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 34.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.58, 4.58, 4.58); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp:21.7

## Touch from Body, Front, W-LAN(802.11n HT20 - 5.8G) Ch. 149, Ant Internal

### Ant. 2

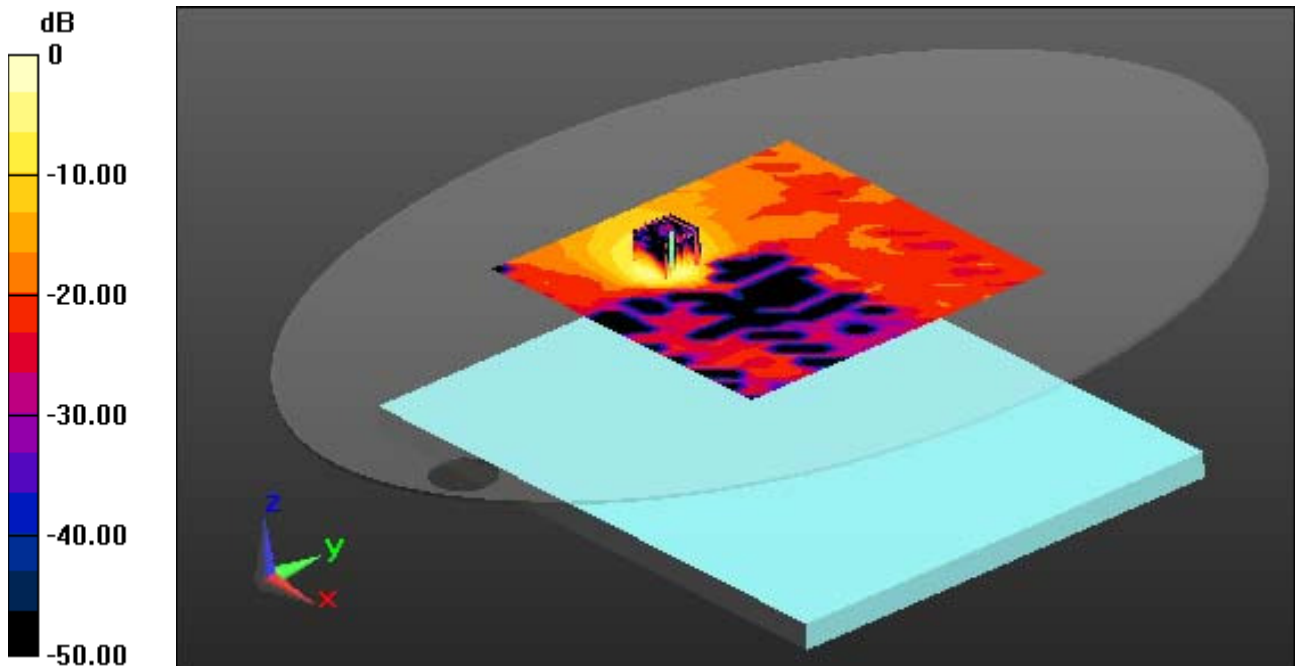
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.227 W/kg



0 dB = 1.32 W/kg

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 34.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.58, 4.58, 4.58); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp:21.7

## Touch from Body, Front, W-LAN(802.11n HT20 - 5.8G) Ch. 149, Ant Internal

### Ant. 2

### With Enlarge plot image

**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.227 W/kg

The figure is a 2D SAR distribution plot. On the left, a vertical color scale represents SAR values in dB, ranging from 0 (yellow) at the top to -50.00 (black) at the bottom, with intermediate markers at -10.00, -20.00, -30.00, and -40.00. The main plot area shows a complex, irregular shape representing the SAR distribution. A prominent peak is visible near the top center, colored yellow and orange. The rest of the plot is filled with various colors representing different SAR levels. A small 3D coordinate system is shown in the bottom left corner of the plot area, with X, Y, and Z axes.

0 dB = 1.32 W/kg

A3

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.152$  S/m;  $\epsilon_r = 34.93$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.58, 4.58, 4.58); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp:21.7

## Touch from Body, Front, W-LAN(802.11n HT20 - 5.8G) Ch. 149, Ant Internal

### Ant. 2

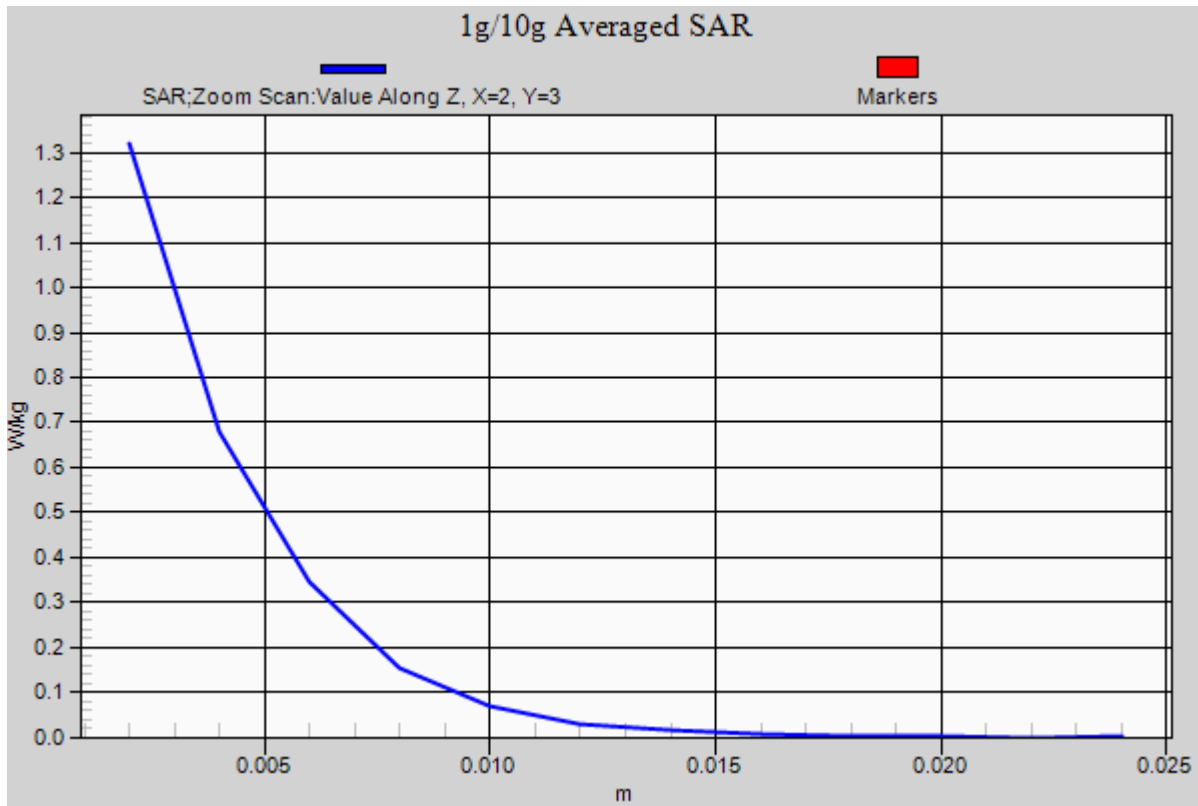
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.81 W/kg

**SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.227 W/kg**



# DT&C Co., Ltd.

## **DUT: EVS 2430Wi; Type: X-ray Detector**

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;  $\sigma = 1.922$  S/m;  $\epsilon_r = 52.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp:21.4

## **Touch from Body, Front, W-LAN(802.11b - 2.4G) Ch. 11, Ant Internal**

### **Ant. 1**

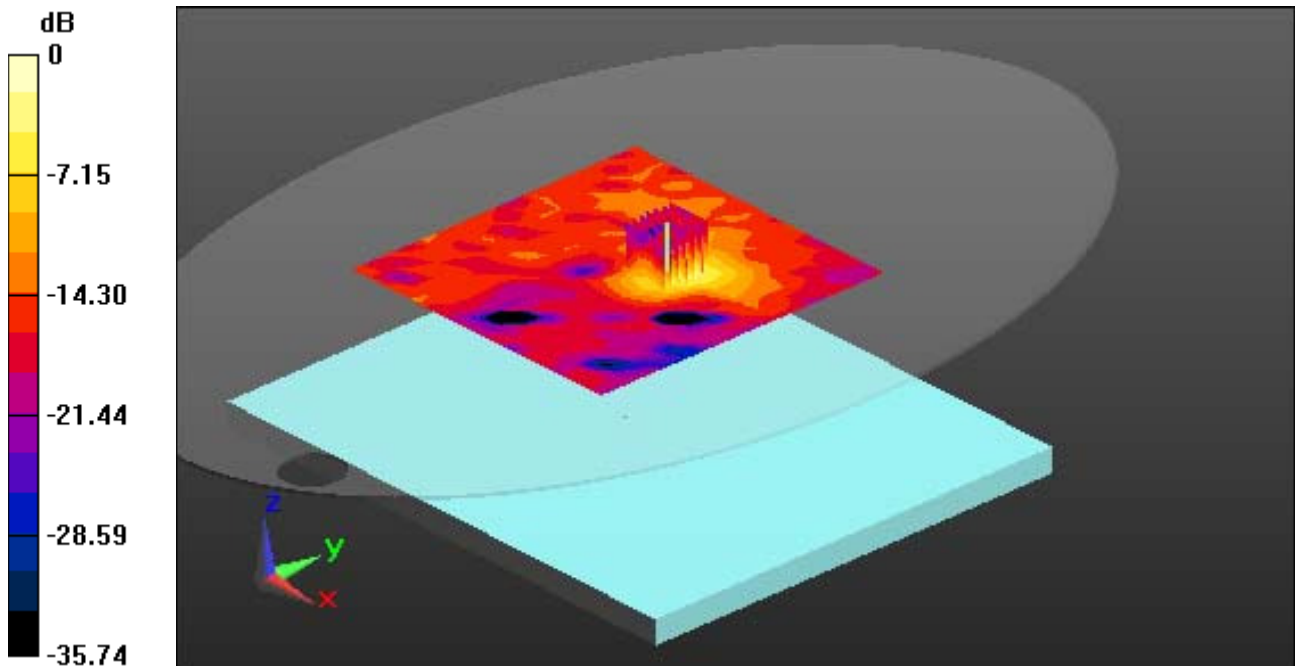
**Area Scan (17x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.034 W/kg**



0 dB = 0.159 W/kg

# DT&C Co., Ltd.

## **DUT: EVS 2430Wi; Type: X-ray Detector**

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;  $\sigma = 1.922$  S/m;  $\epsilon_r = 52.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp:21.4

## **Touch from Body, Front, W-LAN(802.11b - 2.4G) Ch. 11, Ant Internal**

### **Ant. 1**

### **With Enlarge plot image**

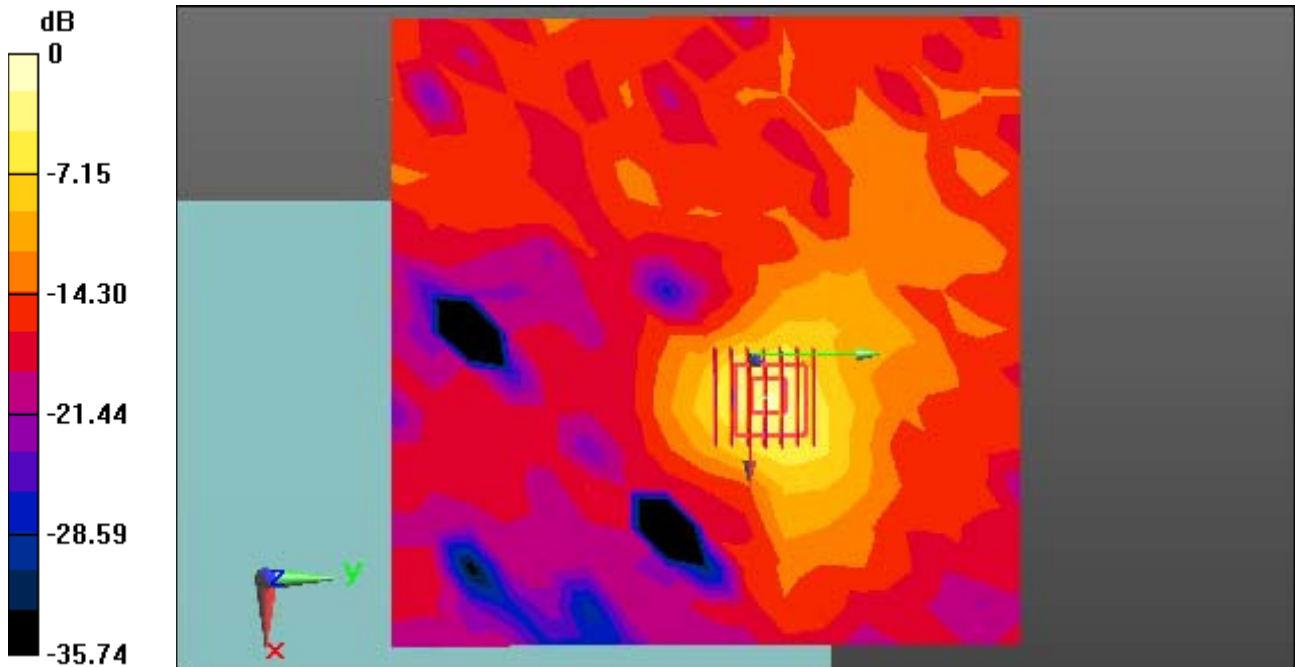
**Area Scan (17x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.034 W/kg**



0 dB = 0.159 W/kg



# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

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;  $\sigma = 1.922$  S/m;  $\epsilon_r = 52.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-25; Ambient Temp: 20.8; Tissue Temp:21.4

## Touch from Body, Front, W-LAN(802.11b - 2.4G) Ch. 11, Ant Internal

### Ant. 1

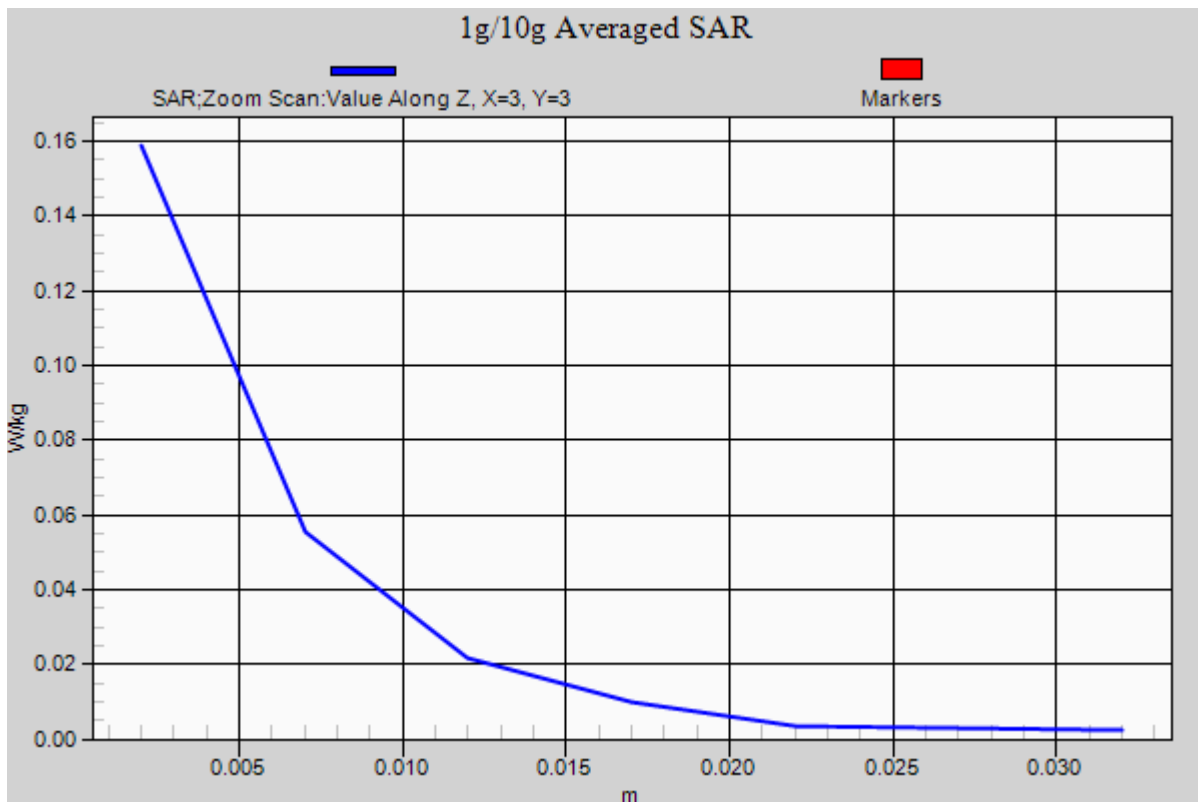
**Area Scan (17x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.034 W/kg**



# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.348$  S/m;  $\epsilon_r = 47.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.65, 4.65, 4.65); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp:20.9

## Touch from Body, Front, W-LAN(802.11n HT40 - 5.2G) Ch. 38, Ant Internal

### Ant. 2

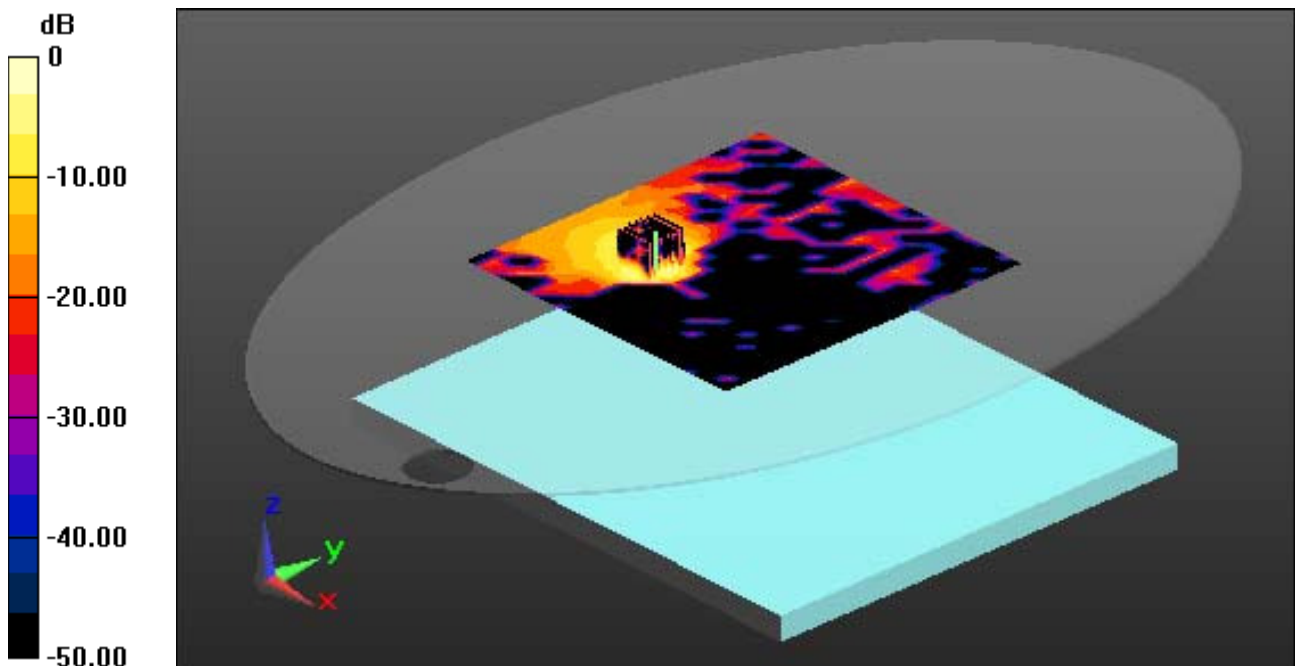
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.329 W/kg

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.348$  S/m;  $\epsilon_r = 47.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.65, 4.65, 4.65); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp:20.9

## Touch from Body, Front, W-LAN(802.11n HT40 - 5.2G) Ch. 38, Ant Internal

### Ant. 2

### With Enlarge plot image

**Area Scan (21x21x1):** 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) = 0.591 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.052 W/kg

The figure is a 2D color plot representing the SAR field distribution. The vertical axis on the left is labeled 'dB' and ranges from 0 to -50.00 in increments of 10.00. The plot shows a central high-intensity region (yellow/orange) with a grid overlay, surrounded by lower intensity regions (red, purple, blue). A 3D coordinate system (x, y, z) is visible in the bottom left corner.

0 dB = 0.329 W/kg

A5

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.348$  S/m;  $\epsilon_r = 47.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.65, 4.65, 4.65); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-01-31; Ambient Temp: 20.7; Tissue Temp:20.9

## Touch from Body, Front, W-LAN(802.11n HT40 - 5.2G) Ch. 38, Ant Internal

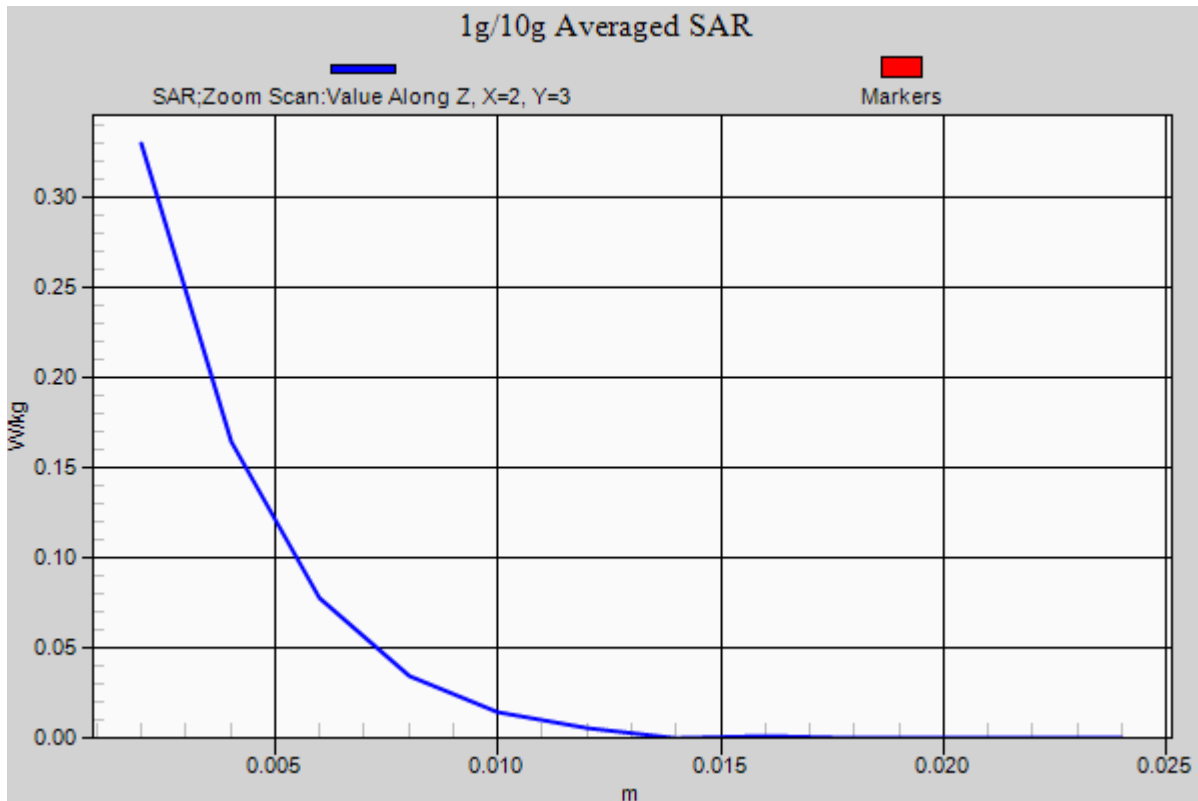
### Ant. 2

**Area Scan (21x21x1):** 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) = 0.591 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.052 W/kg**



# DT&C Co., Ltd.

## **DUT: EVS 2430Wi; Type: X-ray Detector**

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.058$  S/m;  $\epsilon_r = 46.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp:21.0

## **Touch from Body, Front, W-LAN(802.11n HT20 - 5.8G) Ch. 149, Ant Internal**

### **Ant. 2**

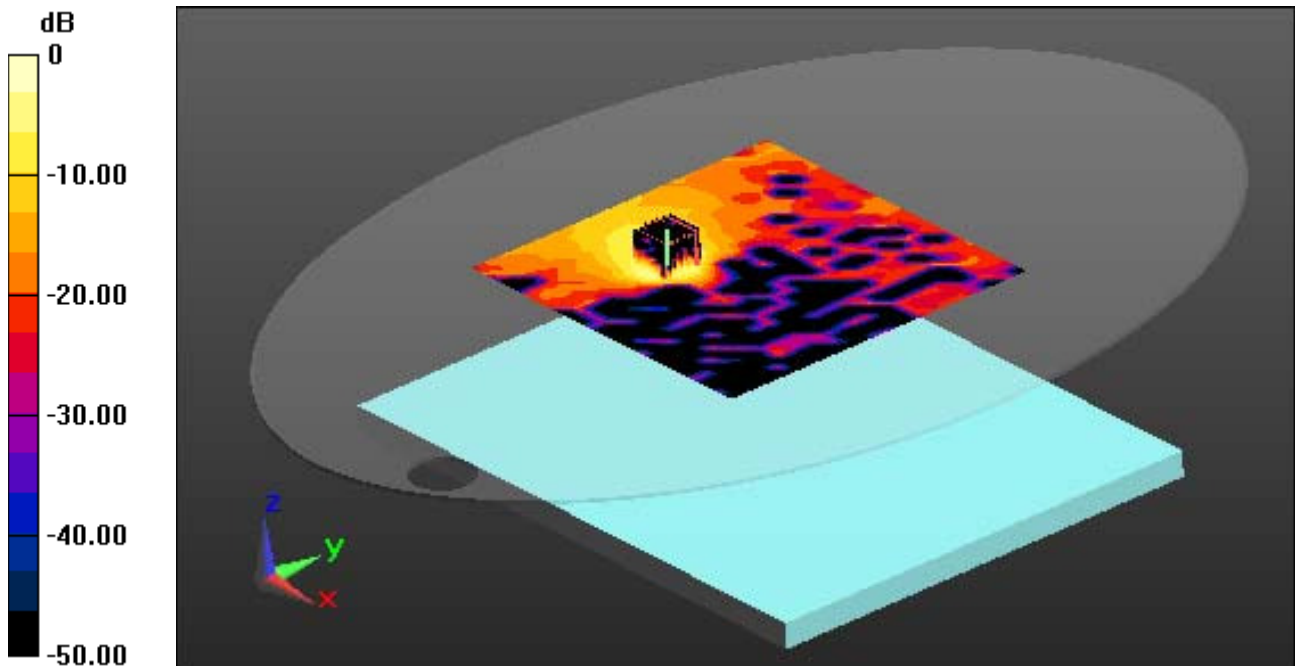
**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.090 W/kg**



0 dB = 0.541 W/kg

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.058$  S/m;  $\epsilon_r = 46.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp:21.0

## Touch from Body, Front, W-LAN(802.11n HT20 - 5.8G) Ch. 149, Ant Internal

### Ant. 2

### With Enlarge plot image

**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.090 W/kg

The figure is a SAR heatmap visualization. On the left, a vertical color scale bar indicates the SAR level in dB, ranging from 0 (yellow) at the top to -50.00 (black) at the bottom, with intermediate markers at -10.00, -20.00, and -30.00. The main plot area shows a complex pattern of colors representing SAR distribution. A prominent high-SAR region (yellow/orange) is centered around a grid-like structure, likely representing the antenna. A red rectangular box highlights a specific area within this high-SAR region. In the bottom-left corner of the plot area, a 3D coordinate system is shown with x, y, and z axes.

0 dB = 0.541 W/kg

A6

# DT&C Co., Ltd.

## DUT: EVS 2430Wi; Type: X-ray Detector

Communication System: W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.058$  S/m;  $\epsilon_r = 46.441$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 6/29/2016; Electronics: DAE4 Sn1392  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-02-03; Ambient Temp: 21.3; Tissue Temp:21.0

## Touch from Body, Front, W-LAN(802.11n HT20 - 5.8G) Ch. 149, Ant Internal

### Ant. 2

**Area Scan (21x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.090 W/kg**

