

## SAR Plots

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.908$  S/m;  $\epsilon_r = 52.41$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453  
Sensor-Surface: 2 mm (Mechanical Surface Detection)  
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: 2018-04-23; Ambient Temp: 20.8; Tissue Temp: 21.4

### **2450 MHz System Verification**

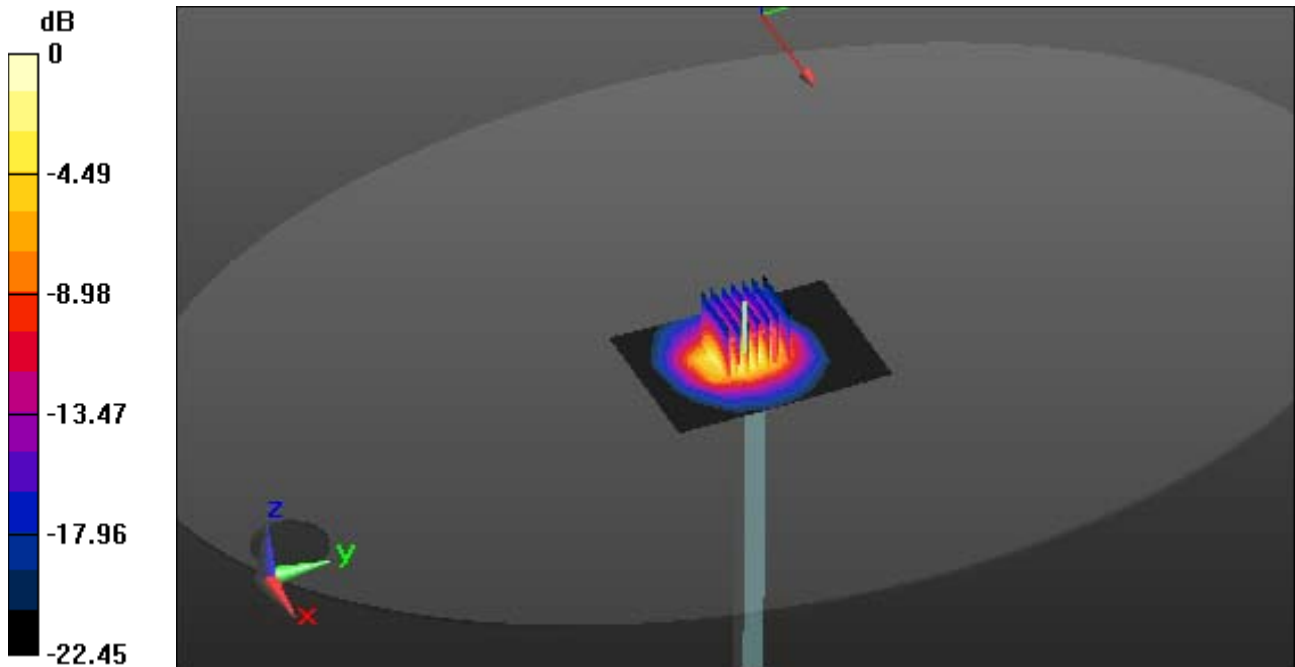
**Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 4.98 W/kg; SAR(10 g) = 2.31 W/kg**



0 dB = 9.12 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.494$  S/m;  $\epsilon_r = 48.308$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
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: 2018-04-24; Ambient Temp: 21.6; Tissue Temp: 21.9

### **5300 MHz System Verification**

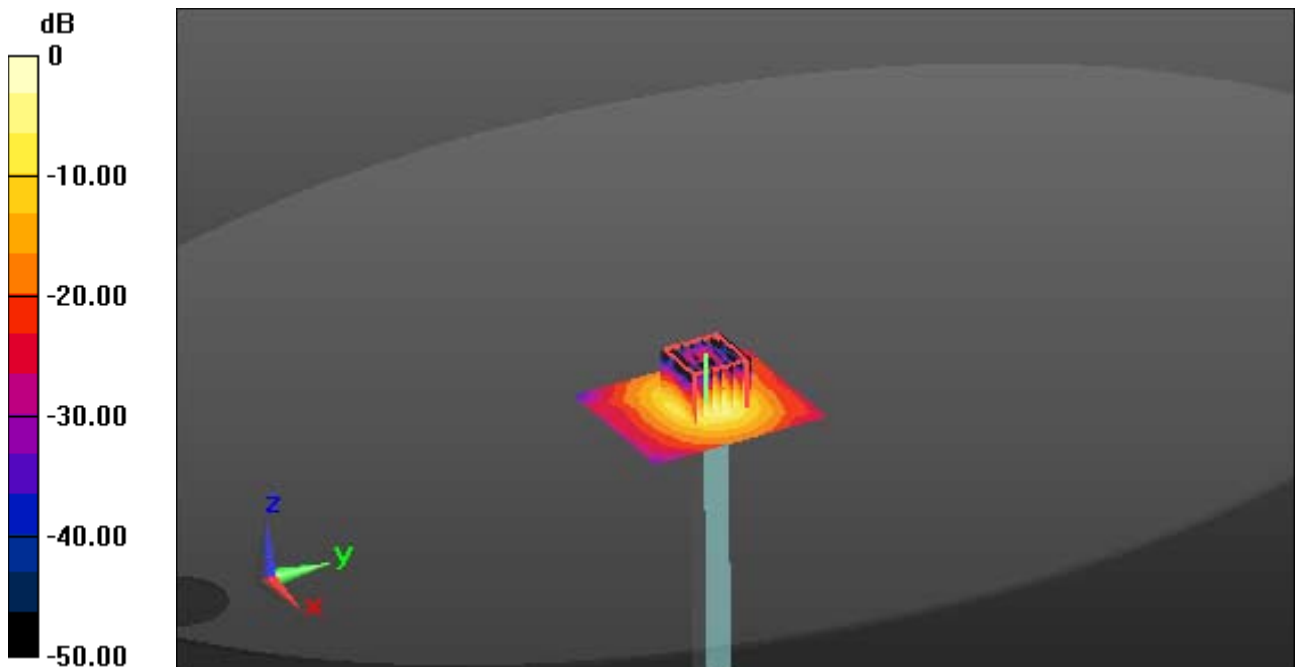
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.06 W/kg**



0 dB = 15.7 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.931$  S/m;  $\epsilon_r = 49.002$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

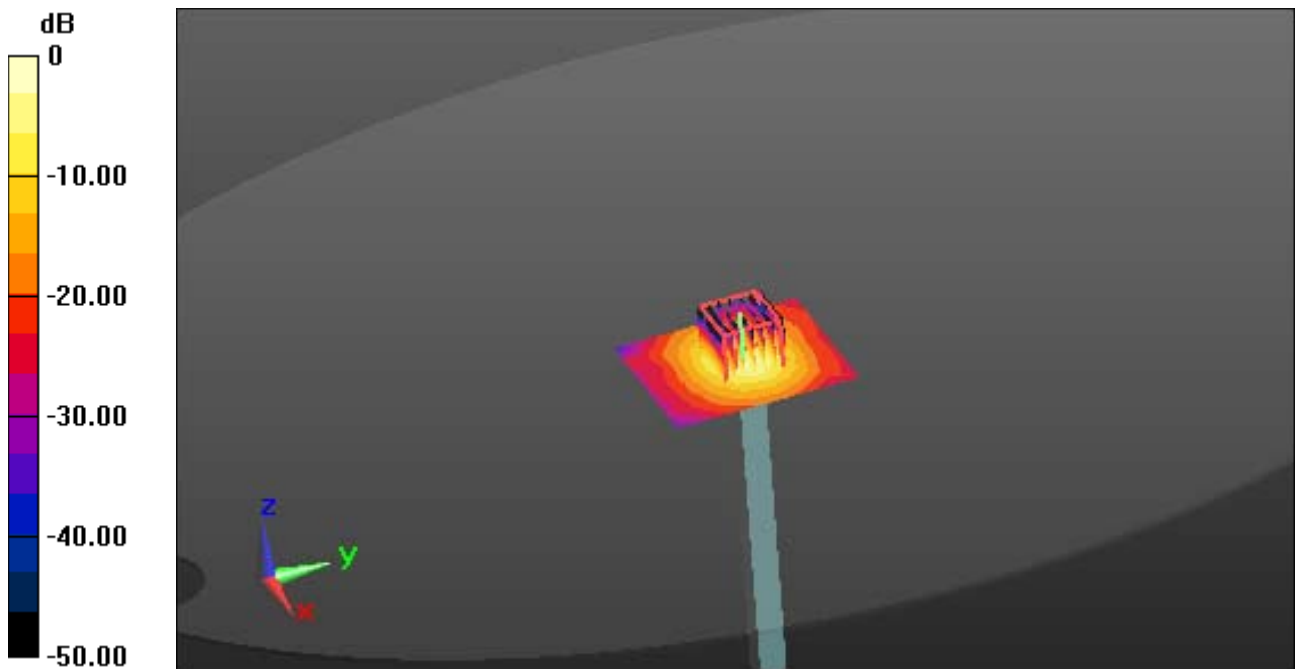
Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 5/31/2017; Electronics: DAE4Sn1453  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-25; Ambient Temp: 21.3; Tissue Temp: 21.6

### **5600 MHz System Verification**

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

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4  
Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 31.7 W/kg  
**SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.13 W/kg**



0 dB = 15.7 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.103$  S/m;  $\epsilon_r = 47.625$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
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: 2018-04-26; Ambient Temp: 21.5; Tissue Temp: 21.9

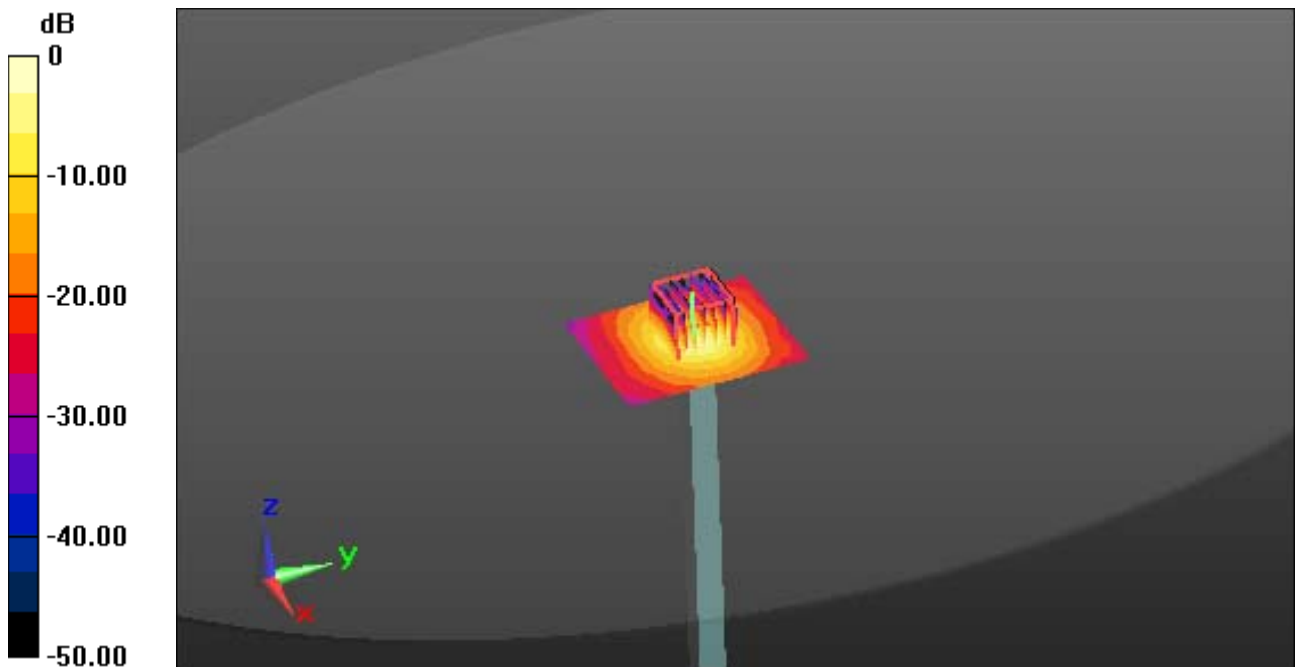
### **5800 MHz System Verification**

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

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4  
Power Drift = 0.05 dB

Peak SAR (extrapolated) = 28.4 W/kg

**SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.04 W/kg**



0 dB = 15.5 W/kg

# DT&C Co., Ltd.

## **DUT: RT101; Type: Tablet Computer**

Communication System: UID 0, W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.892$  S/m;  $\epsilon_r = 52.445$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
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: 2018-04-23; Ambient Temp: 20.8; Tissue Temp: 21.4

### **Touch from Body, Rear, W-LAN(802.11b - 2.4G) Ch. 6, Ant Internal**

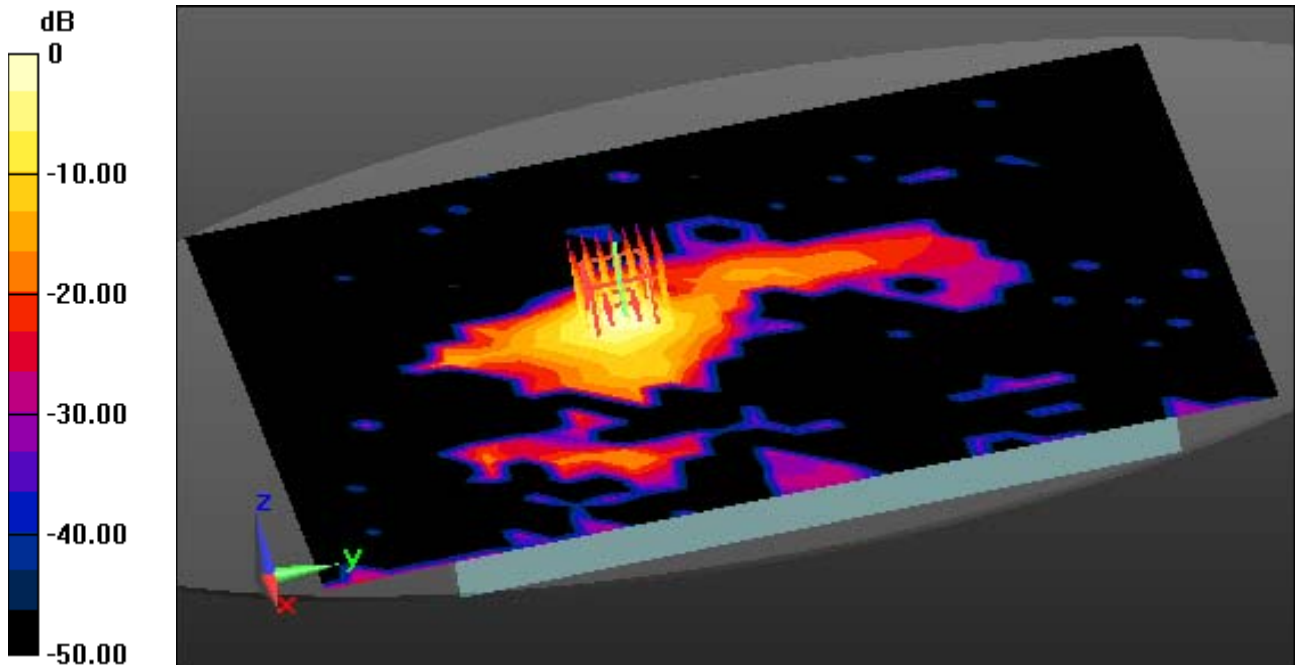
**Area Scan (26x30x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.789 W/kg

**SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.137 W/kg**



0 dB = 0.554 W/kg

## DT&C Co., Ltd.

### DUT: RT101; Type: Tablet Computer

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.444$  S/m;  $\epsilon_r = 48.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

#### DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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: 2018-04-24; Ambient Temp: 21.6; Tissue Temp: 21.9

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

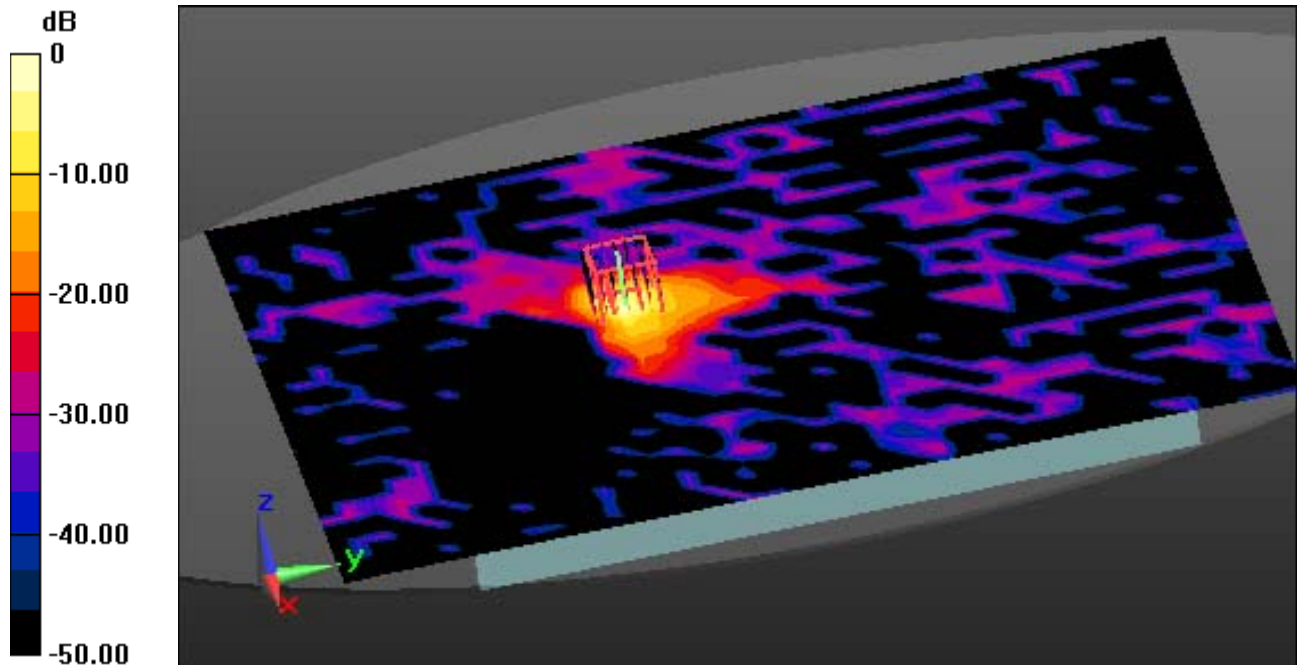
**Area Scan (31x36x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.82 W/kg

**SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.152 W/kg**



0 dB = 1.97 W/kg

# DT&C Co., Ltd.

## **DUT: RT101; Type: Tablet Computer**

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5660 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.998$  S/m;  $\epsilon_r = 48.789$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
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: 2018-04-25; Ambient Temp: 21.3; Tissue Temp: 21.6

## **Touch from Body, Rear, W-LAN(802.11a - 5.6G) Ch. 132, Ant Internal**

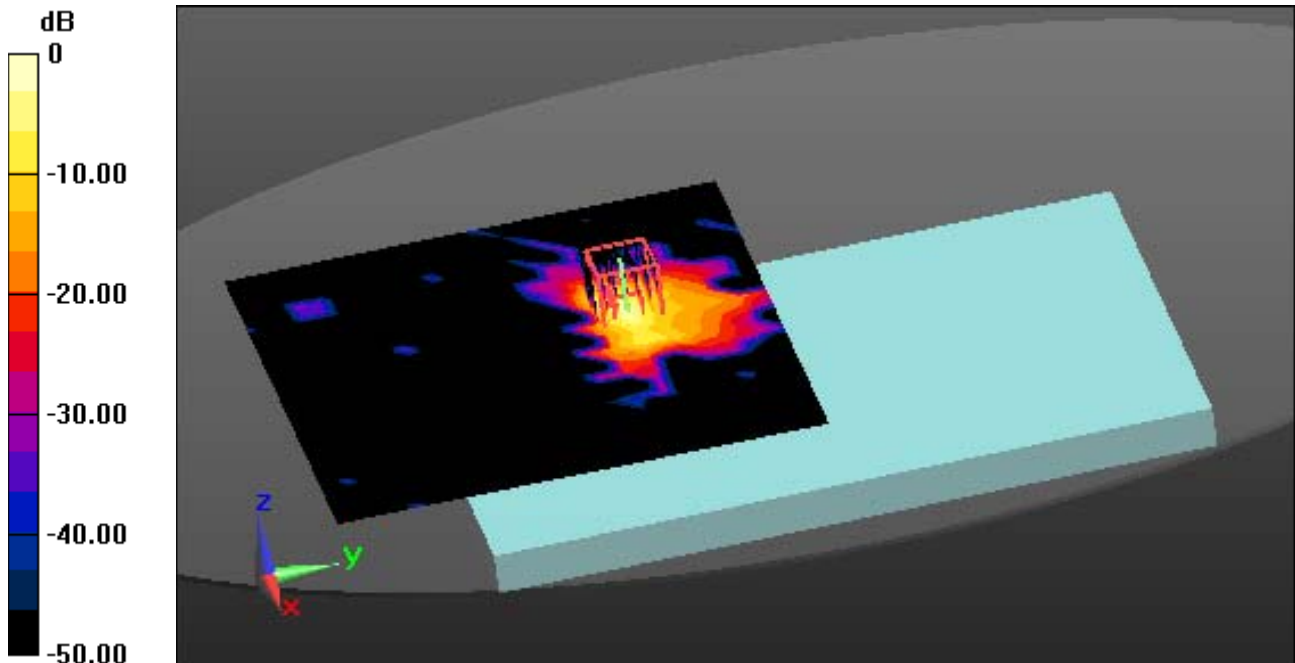
**Area Scan (21x19x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.09 W/kg

**SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.167 W/kg**



0 dB = 2.48 W/kg



# DT&C Co., Ltd.

## **DUT: RT101; Type: Tablet Computer**

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.028$  S/m;  $\epsilon_r = 47.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.24, 4.24, 4.24); Calibrated: 5/31/2017; Electronics: DAE4 Sn1453  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
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: 2018-04-26; Ambient Temp: 21.5; Tissue Temp: 21.9

## **Touch from Body, Rear, W-LAN(802.11a - 5.8G) Ch. 149, Ant Internal**

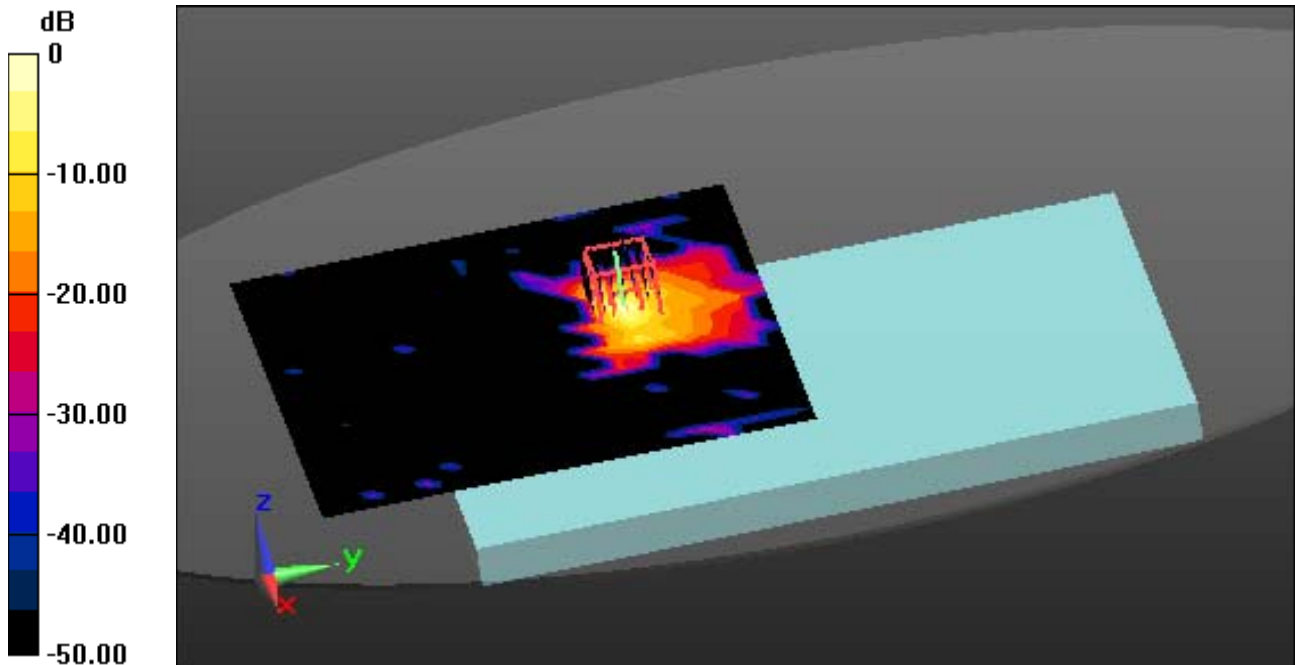
**Area Scan (21x19x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.15 W/kg

**SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.160 W/kg**



0 dB = 2.52 W/kg