

## **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;  $\sigma = 1.8$  S/m;  $\epsilon_r = 38.464$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### **2 450 MHz System Verification (100 mW)**

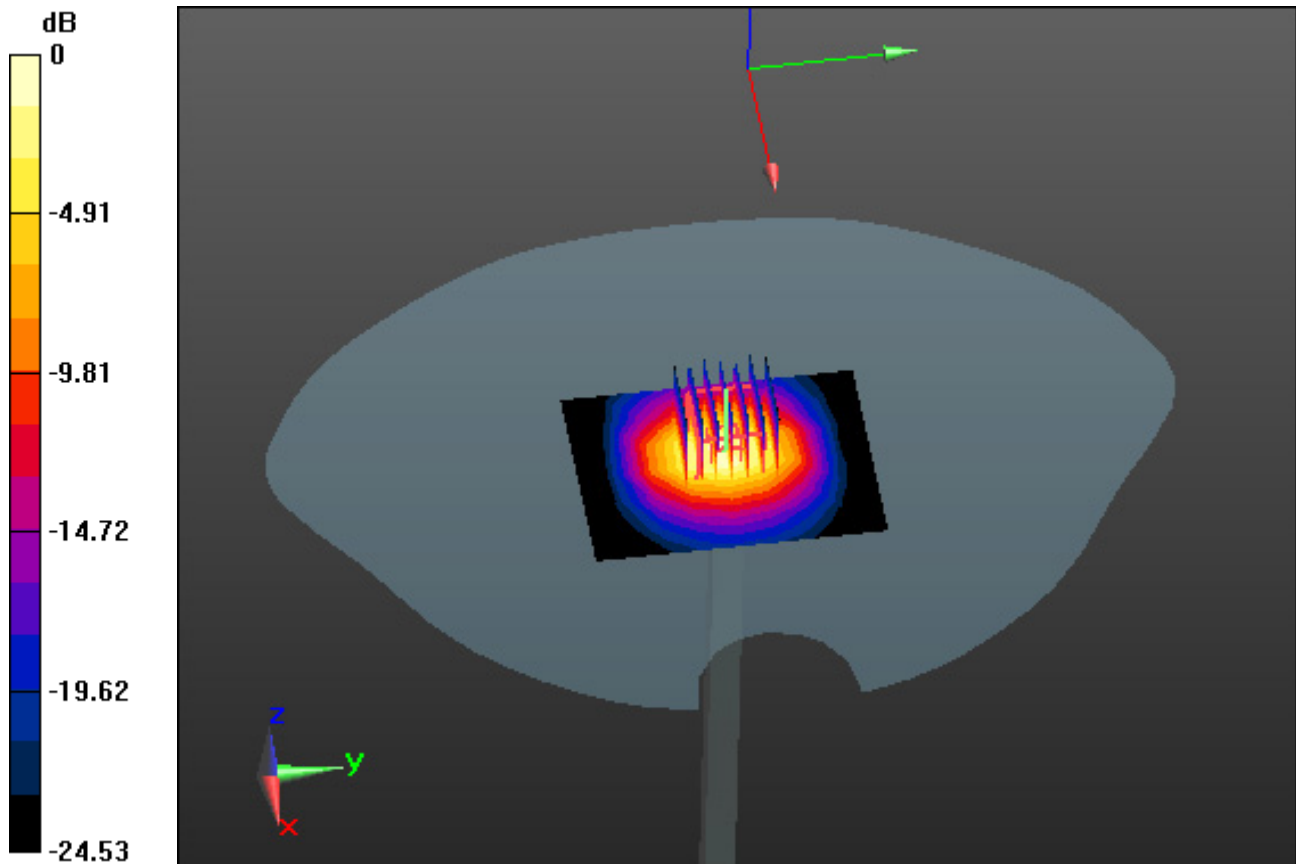
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 6.93 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;  $\sigma = 1.856$  S/m;  $\epsilon_r = 39.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

### **2 450 MHz System Verification (100 mW)**

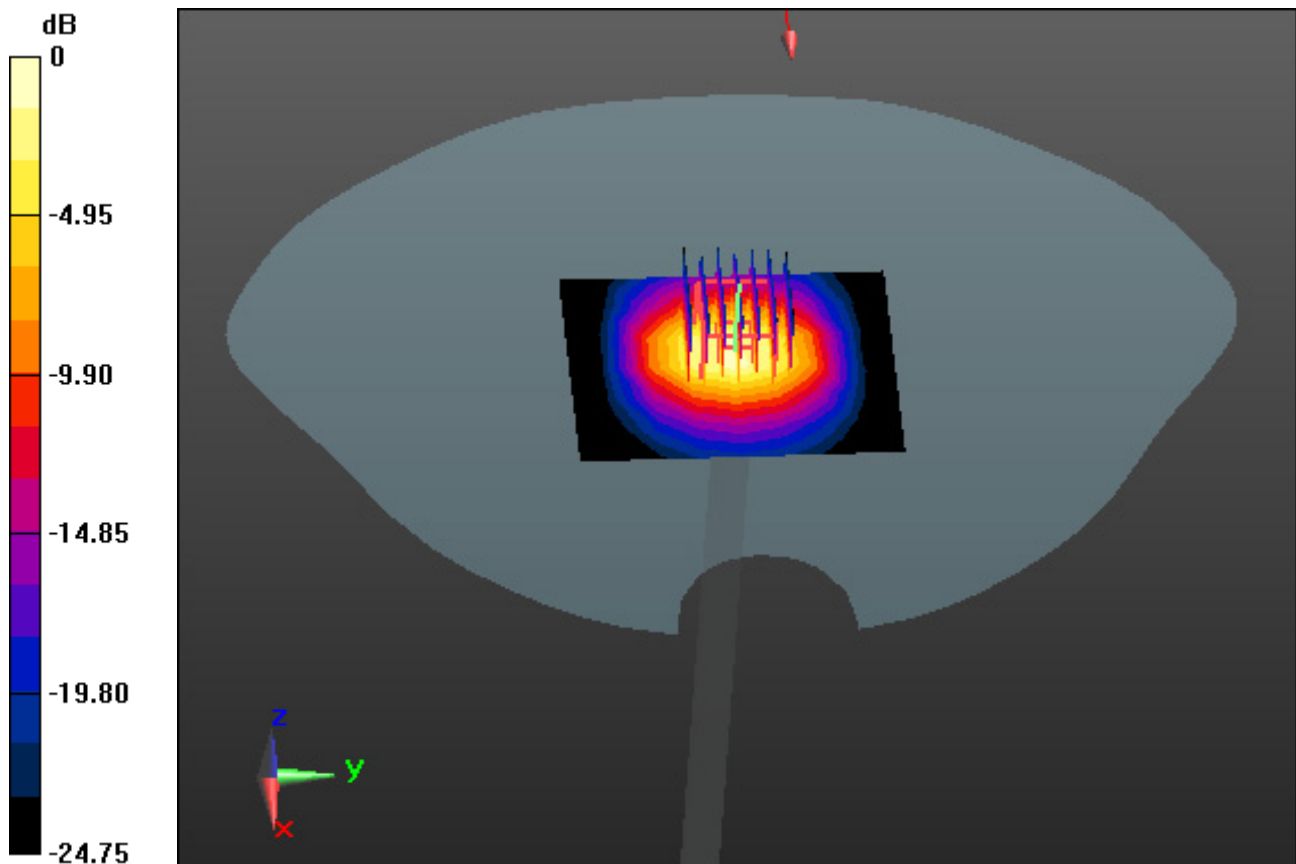
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.51 W/kg



0 dB = 7.23 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;  $\sigma = 4.92$  S/m;  $\epsilon_r = 35.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

### **5 300 MHz System Verification (100 mW)**

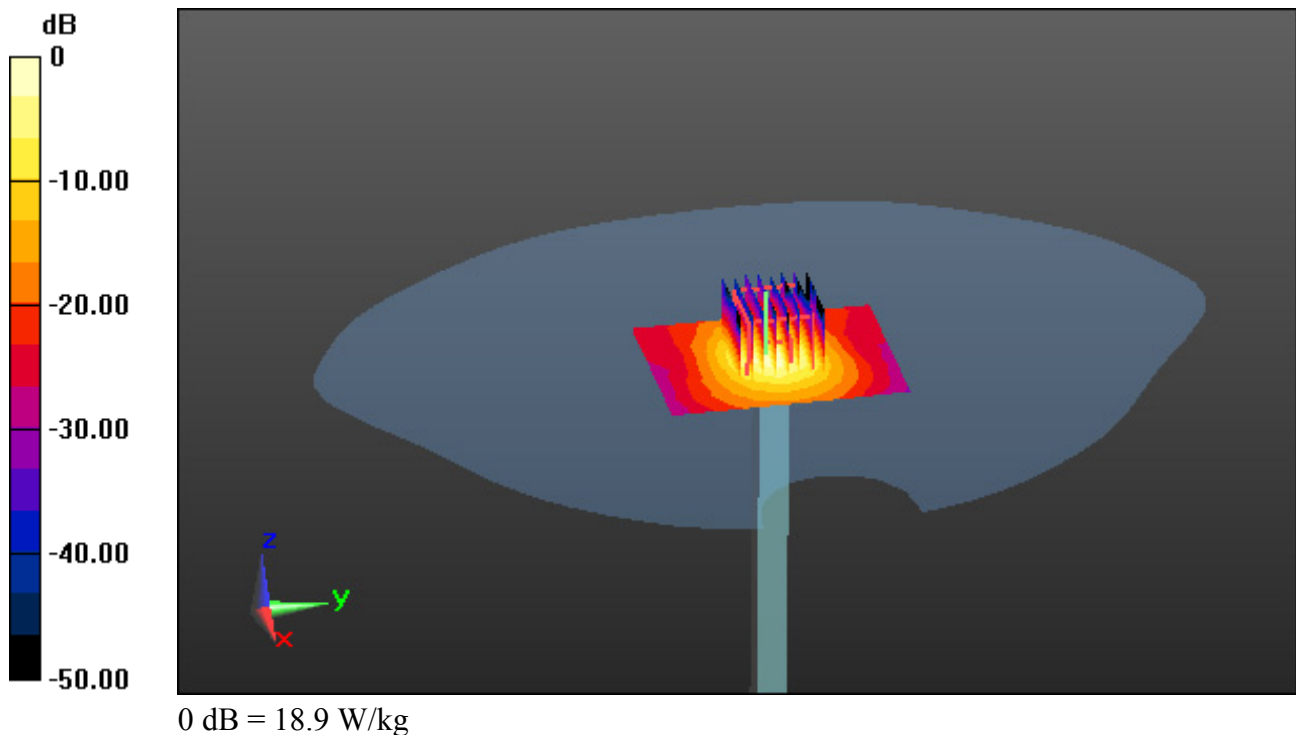
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 35.3 W/kg

**SAR(1 g) = 8.37 W/kg; SAR(10 g) = 2.34 W/kg**



## Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

### **5 500 MHz System Verification (100 mW)**

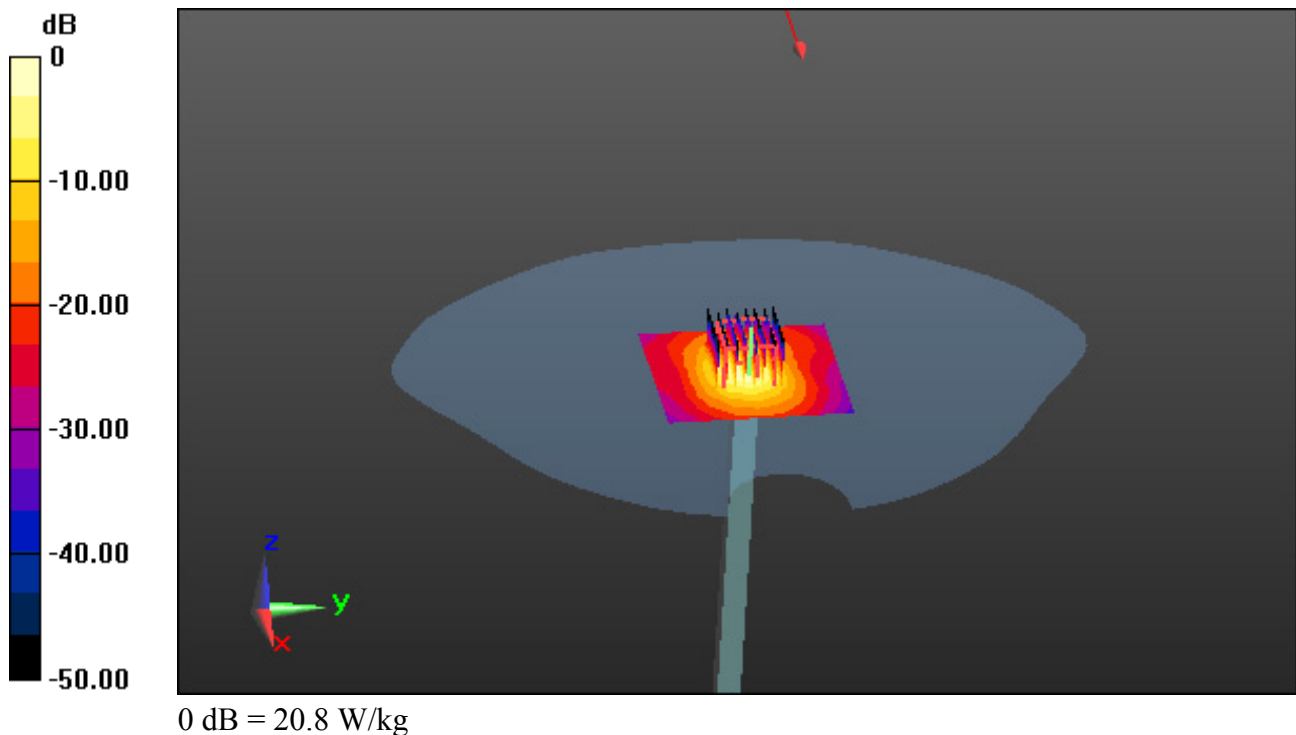
**Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 35.8 W/kg

**SAR(1 g) = 8.69 W/kg; SAR(10 g) = 2.47 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;  $\sigma = 5.212$  S/m;  $\epsilon_r = 36.019$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.95, 4.95, 4.95); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

### **5 600 MHz System Verification (100 mW)**

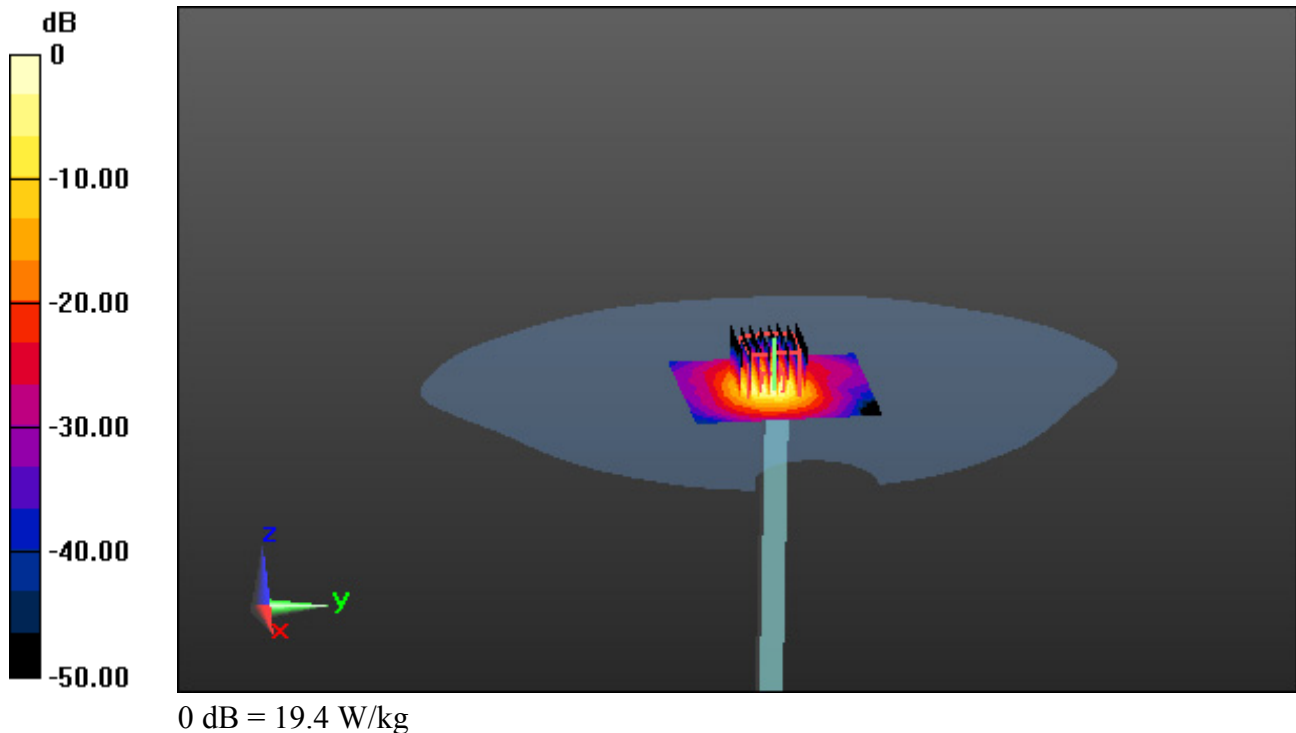
**Area Scan (8x9x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 33.9 W/kg

**SAR(1 g) = 8.15 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:  $f = 5800 \text{ MHz}$ ;  $\sigma = 5.471 \text{ S/m}$ ;  $\epsilon_r = 35.59$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

### **5 800 MHz System Verification (100 mW)**

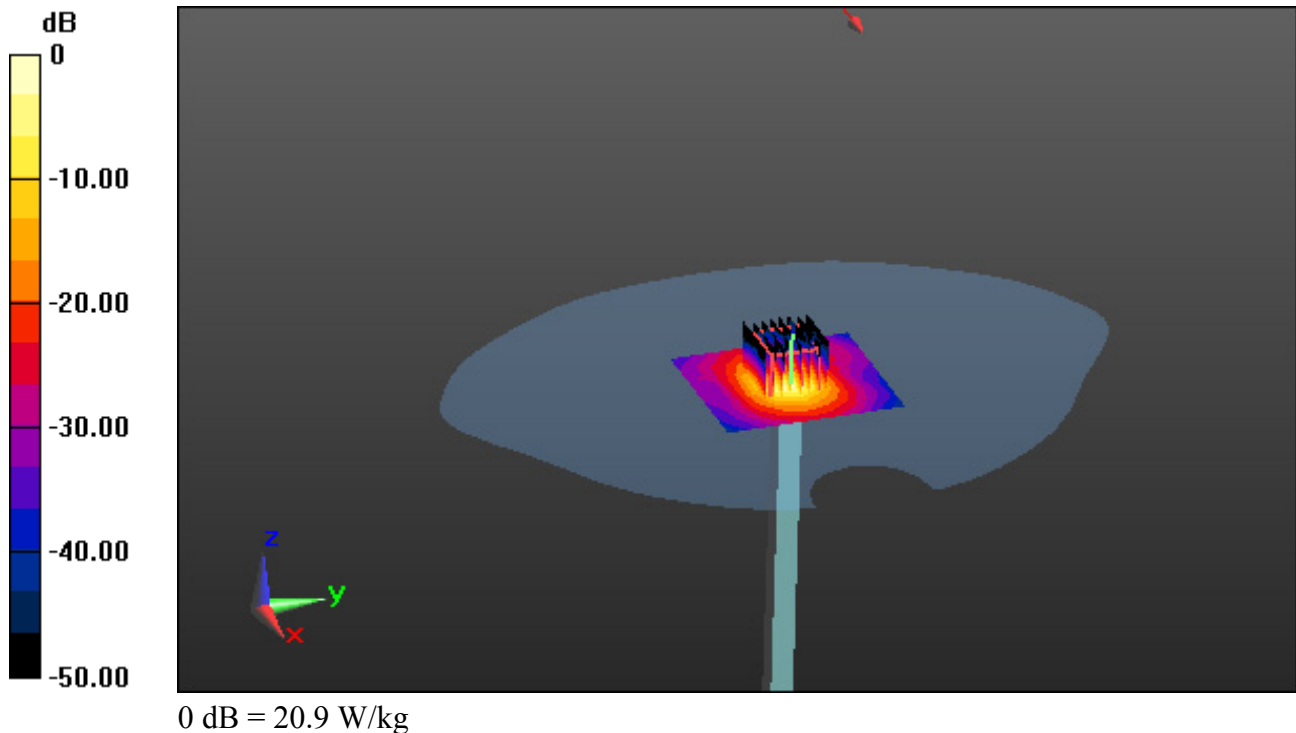
**Area Scan (8x9x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 37.2 W/kg

**SAR(1 g) = 8.58 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;  $\sigma = 5.473$  S/m;  $\epsilon_r = 35.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

### **5 800 MHz System Verification (100 mW)**

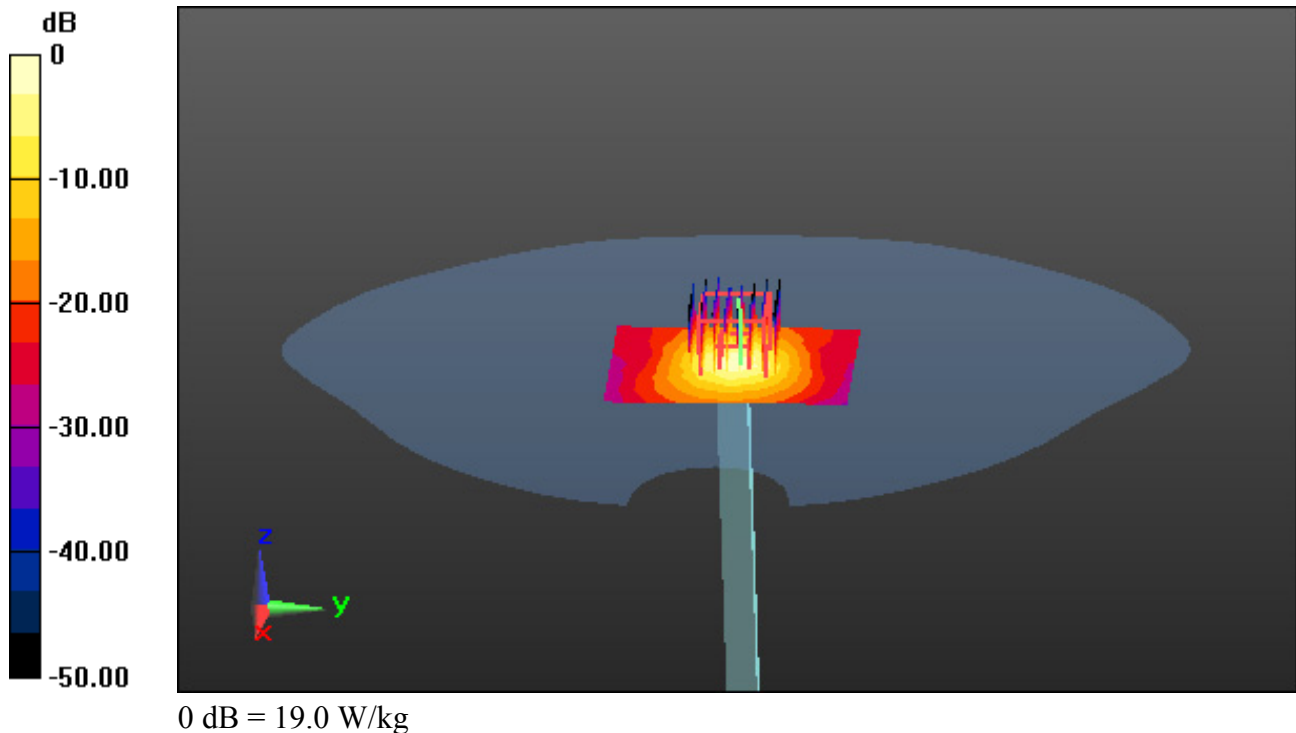
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 36.0 W/kg

**SAR(1 g) = 8.49 W/kg; SAR(10 g) = 2.45 W/kg**



## Dt&C Co., Ltd.

**DUT: CLA-13; Type: CLA-13; Serial: CLA-13 - SN1030**

Communication System: UID 0, CW (0); Frequency: 13 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 13 \text{ MHz}$ ;  $\sigma = 0.73 \text{ S/m}$ ;  $\epsilon_r = 54.388$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86); Calibrated: 3/22/2023 Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: ELI v6.0\_Left\_20170922; Type: QDOVA003AA; Serial: 2039  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-26; Ambient Temp: 21.4; Tissue Temp: 21.3

### **13 MHz System Verification (250 mW)**

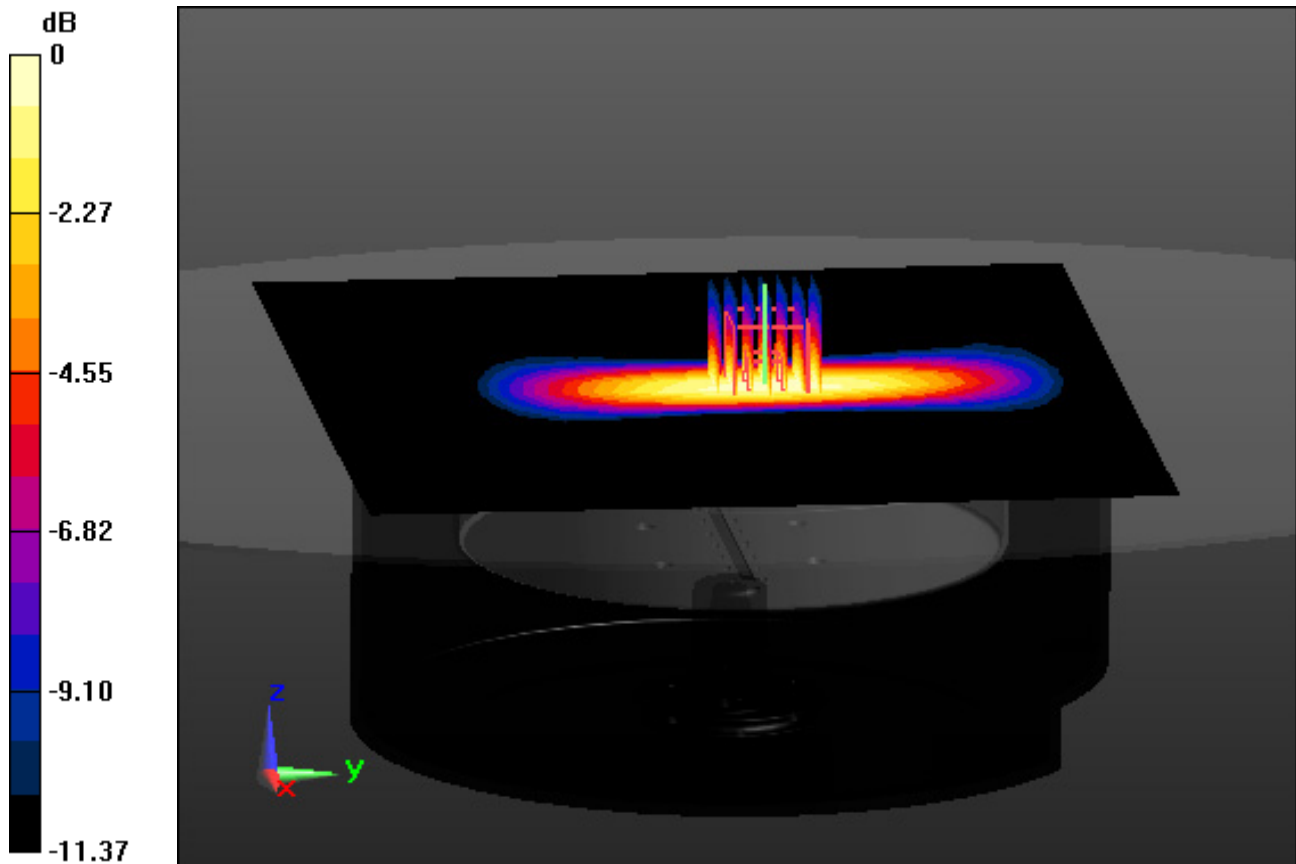
**Area Scan (24x21x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.211 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.079 W/kg**



0 dB = 0.164 W/kg

## Dt&C Co., Ltd.

### DUT: PM86W; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.784 \text{ S/m}$ ;  $\epsilon_r = 38.501$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

#### DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### Right Touch, WLAN(802.11b) Ch. 6, Ant Internal, Standard Battery, Ant.1

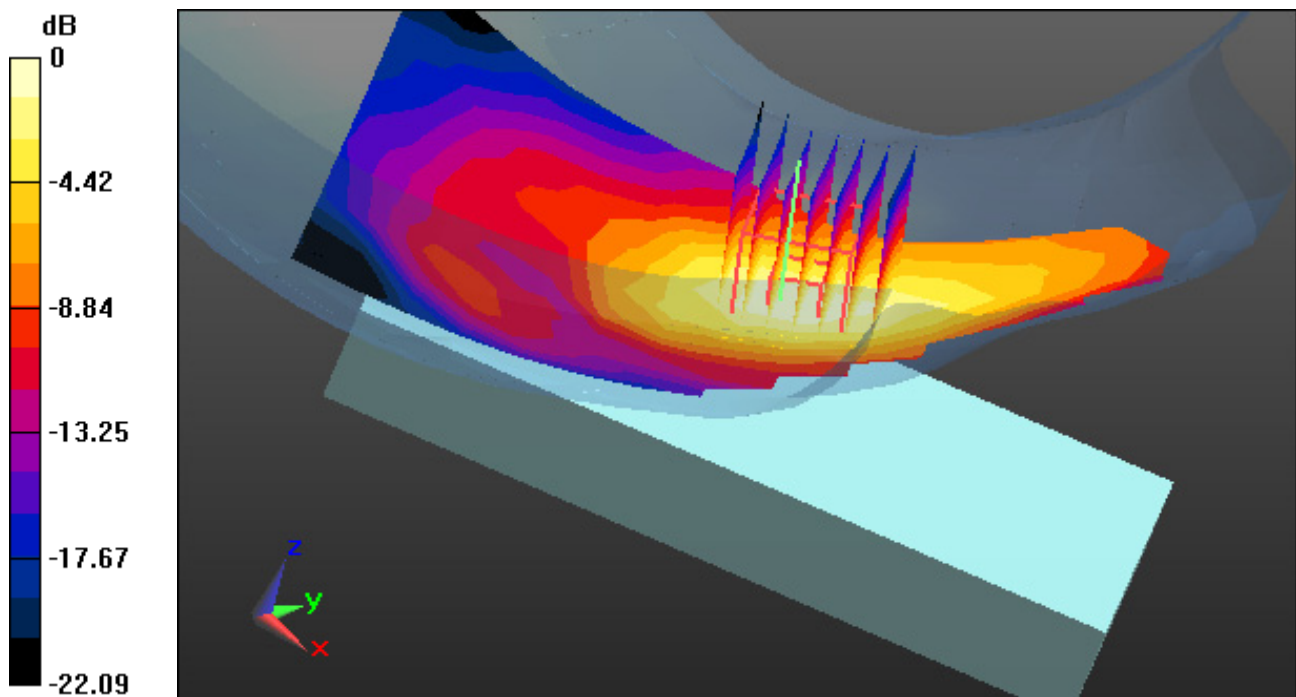
**Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

**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) = 0.381 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.103 W/kg



0 dB = 0.242 W/kg

## Dt&C Co., Ltd.

### DUT: PM86W; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.753 \text{ S/m}$ ;  $\epsilon_r = 38.61$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

#### DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### Left Touch, WLAN(802.11b) Ch. 1, Ant Internal, Standard Battery, Ant.2

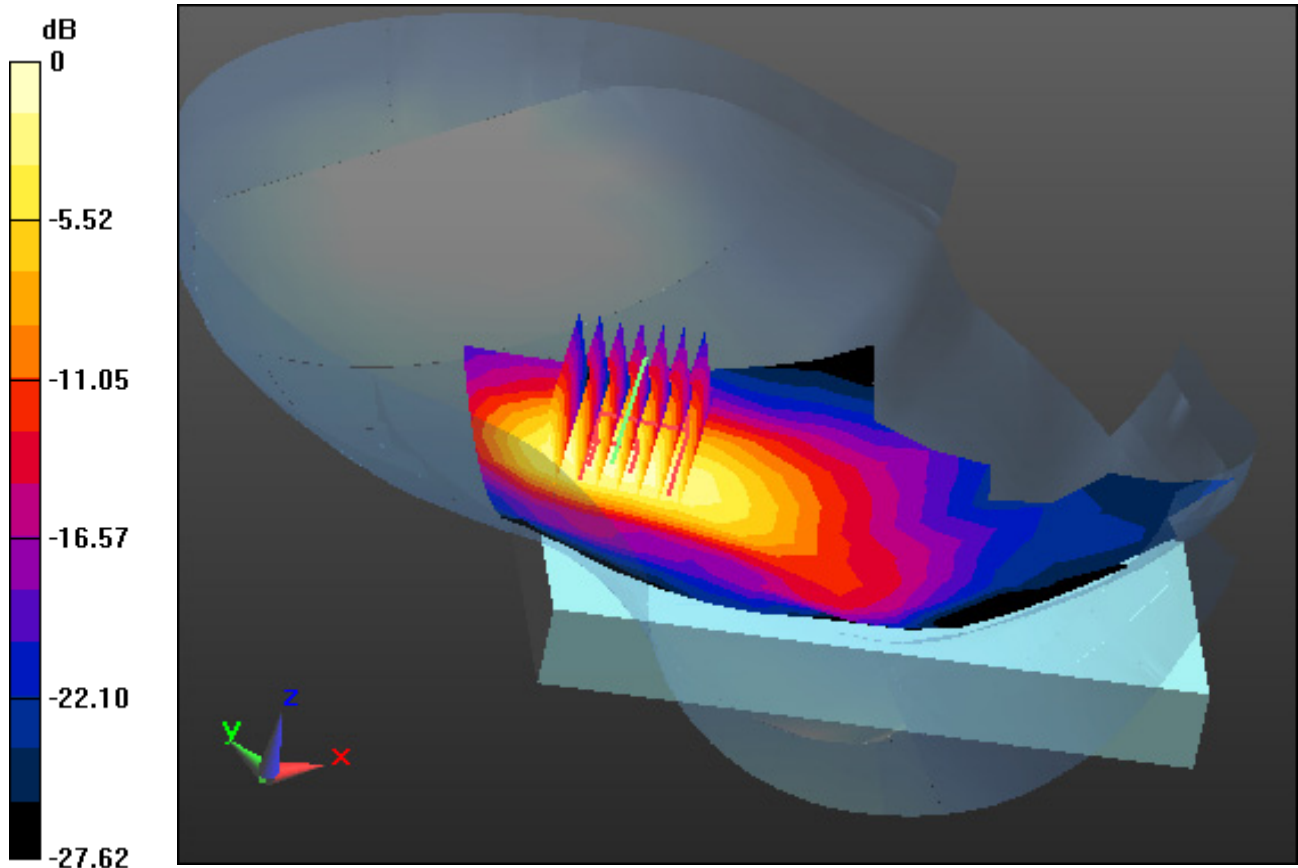
**Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.209 W/kg



0 dB = 0.563 W/kg

## Dt&C Co., Ltd.

### DUT: PM86W; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 38.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

#### DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### Left Touch, WLAN(802.11g) Ch. 6, Ant Internal, Standard Battery, MIMO

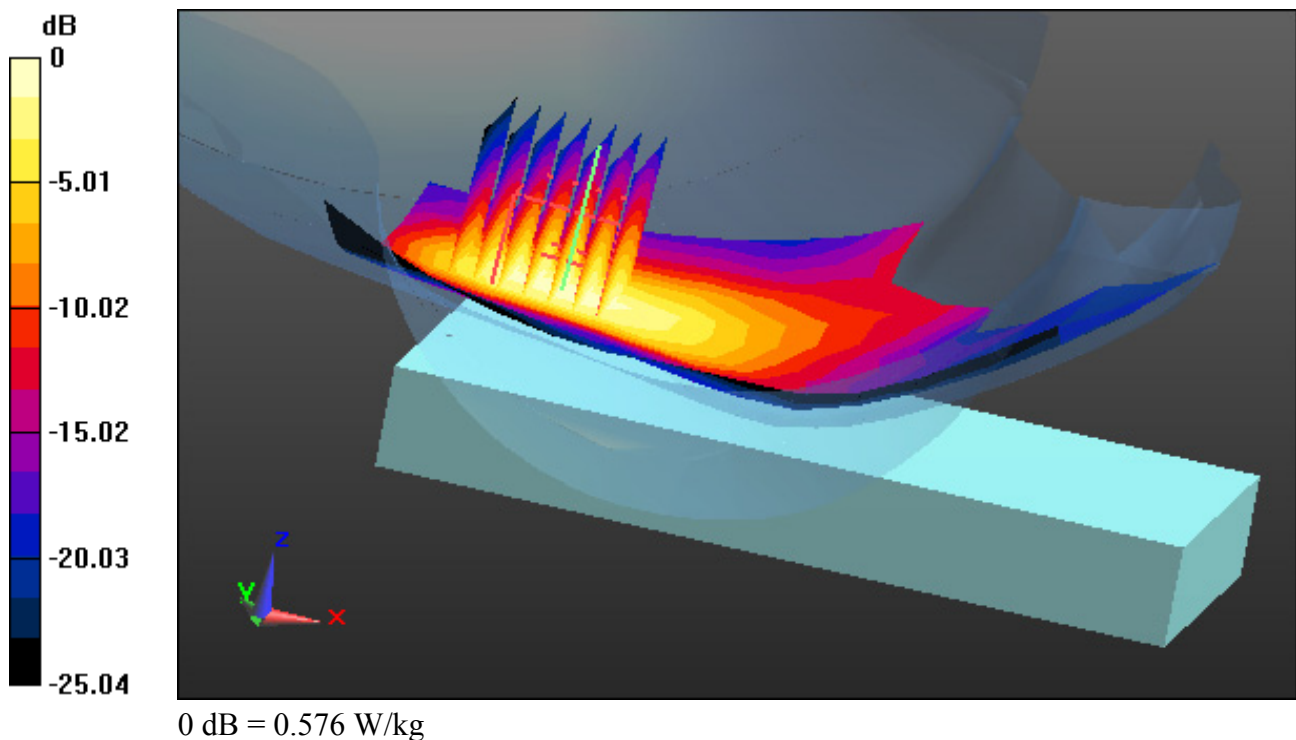
**Area Scan (11x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.217 W/kg



# **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

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

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.87 \text{ S/m}$ ;  $\epsilon_r = 35.318$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

**Right Touch, WLAN(802.11a) Ch. 52, Ant Internal, Standard Battery, Ant.1**

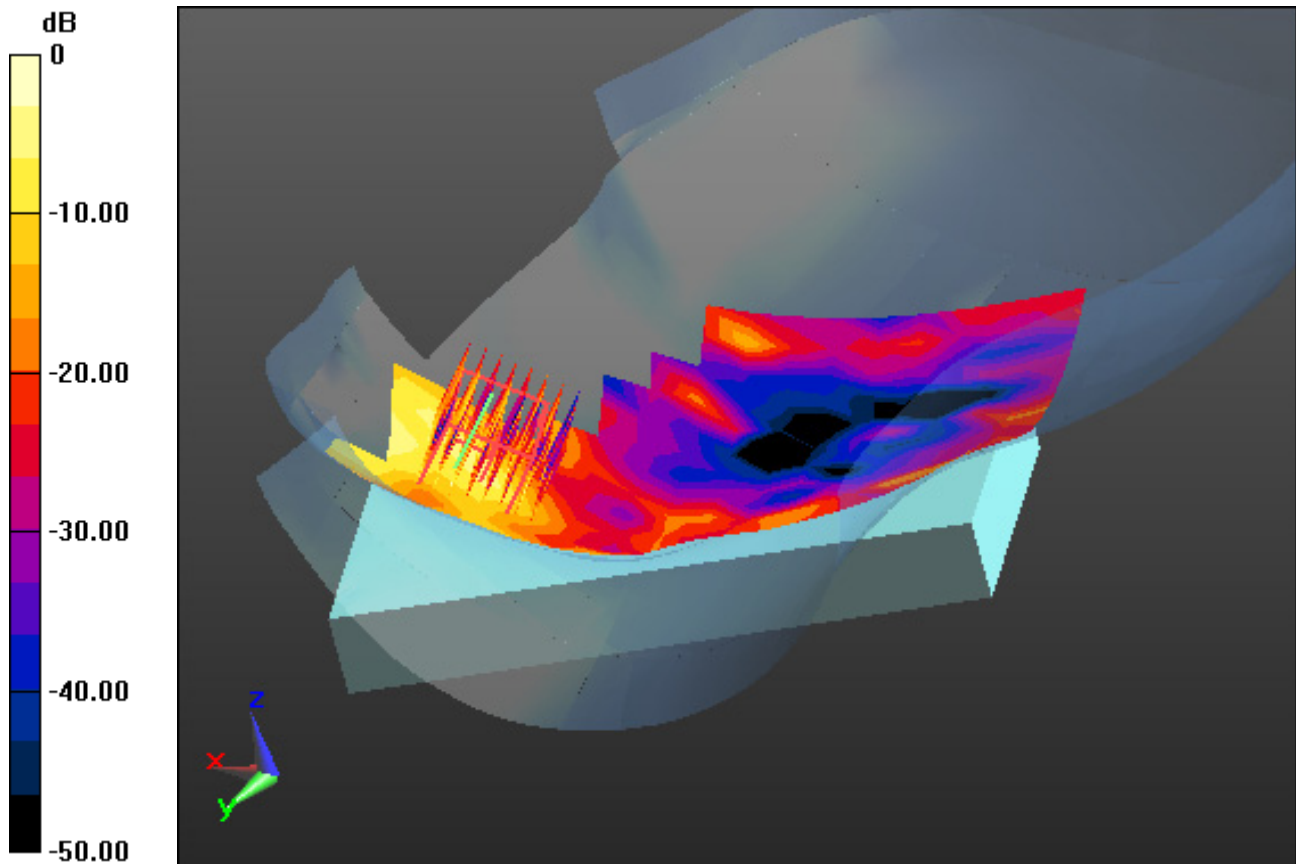
**Area Scan (12x19x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.030 W/kg**



0 dB = 0.173 W/kg

## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

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;  $\sigma = 4.87$  S/m;  $\epsilon_r = 35.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

**Right Tilt, WLAN(802.11a) Ch. 52, Ant Internal, Standard Battery, Ant.2**

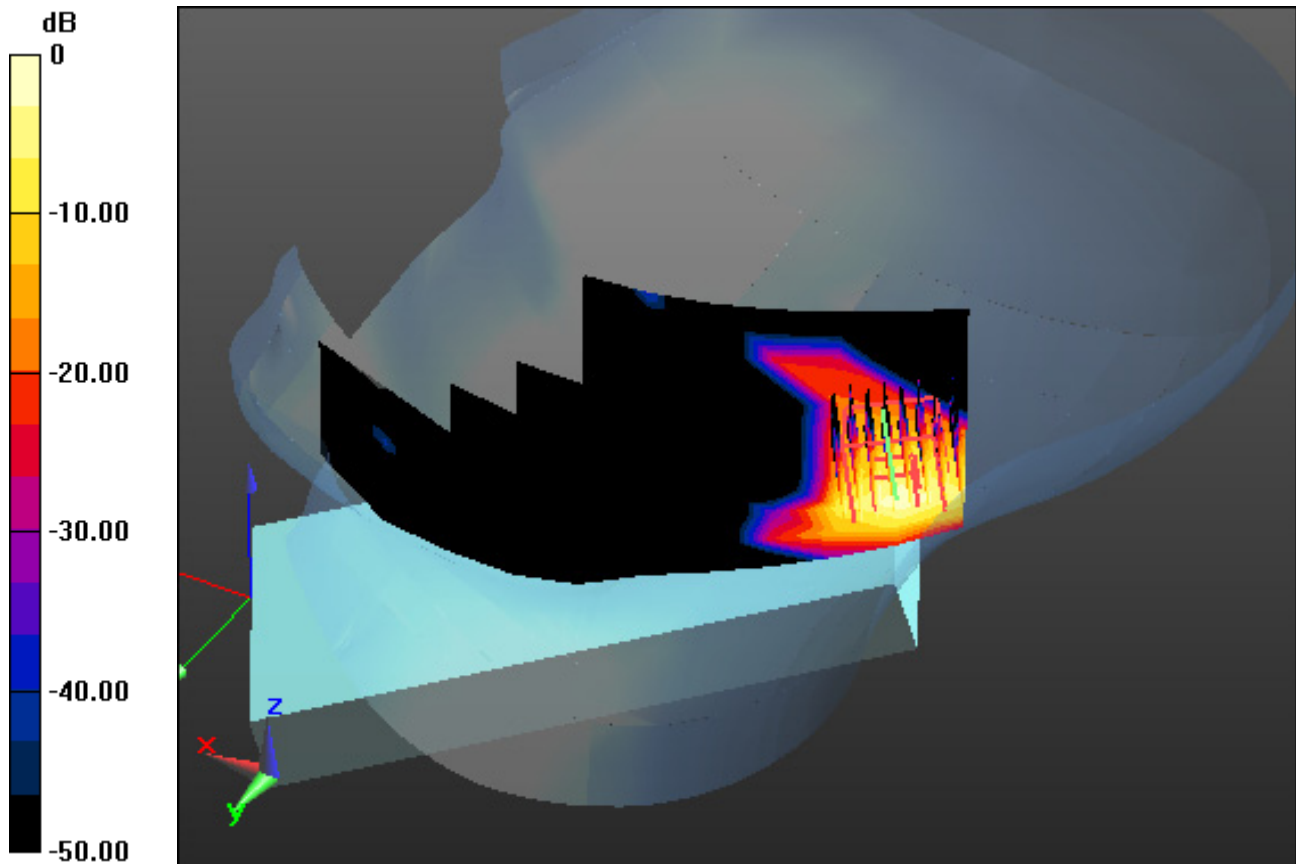
**Area Scan (12x19x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.597 W/kg; SAR(10 g) = 0.206 W/kg**



0 dB = 1.33 W/kg

## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

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

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.87 \text{ S/m}$ ;  $\epsilon_r = 35.318$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

**Right Tilt, WLAN(802.11a) Ch. 52, Ant Internal, Standard Battery, MIMO**

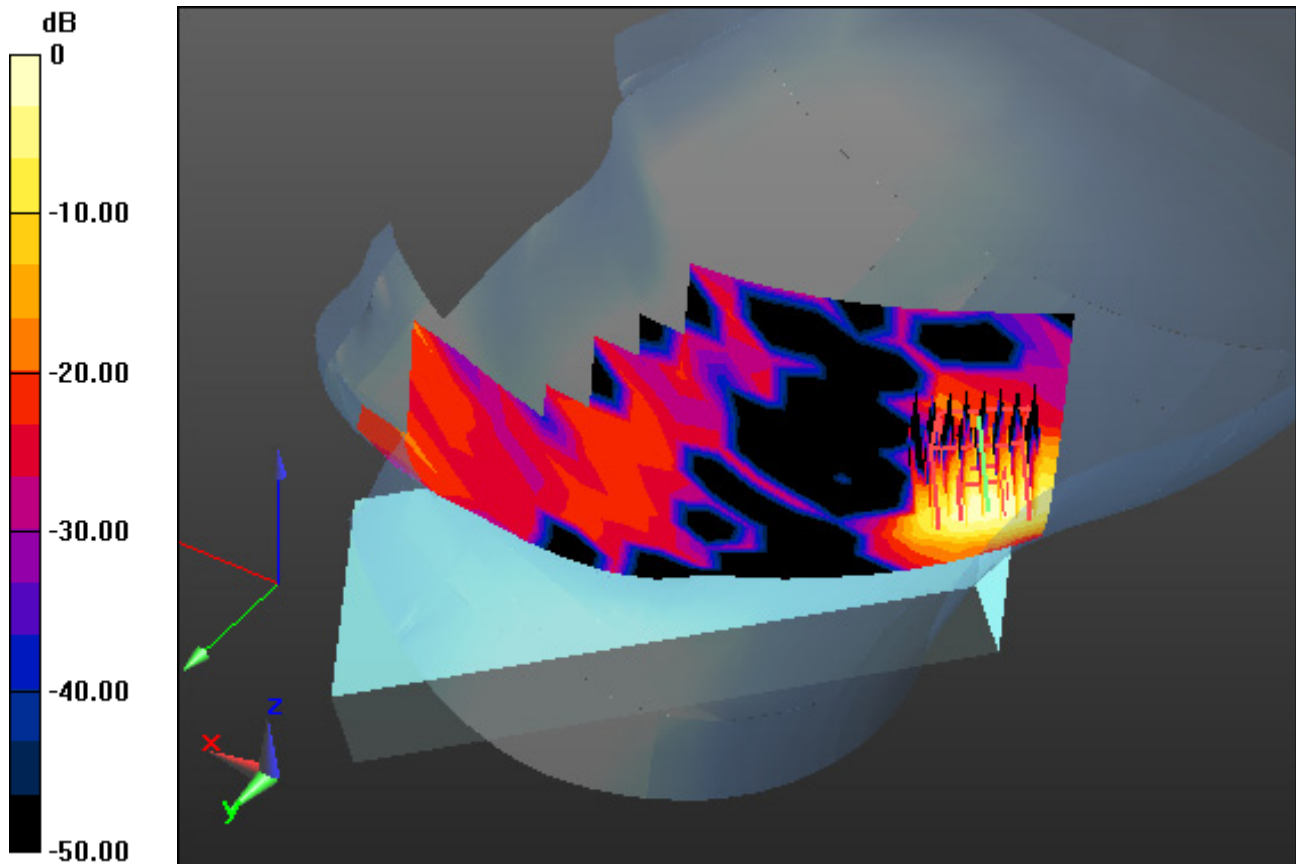
**Area Scan (12x19x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.144 W/kg**



0 dB = 0.946 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

**Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery, Ant.1**

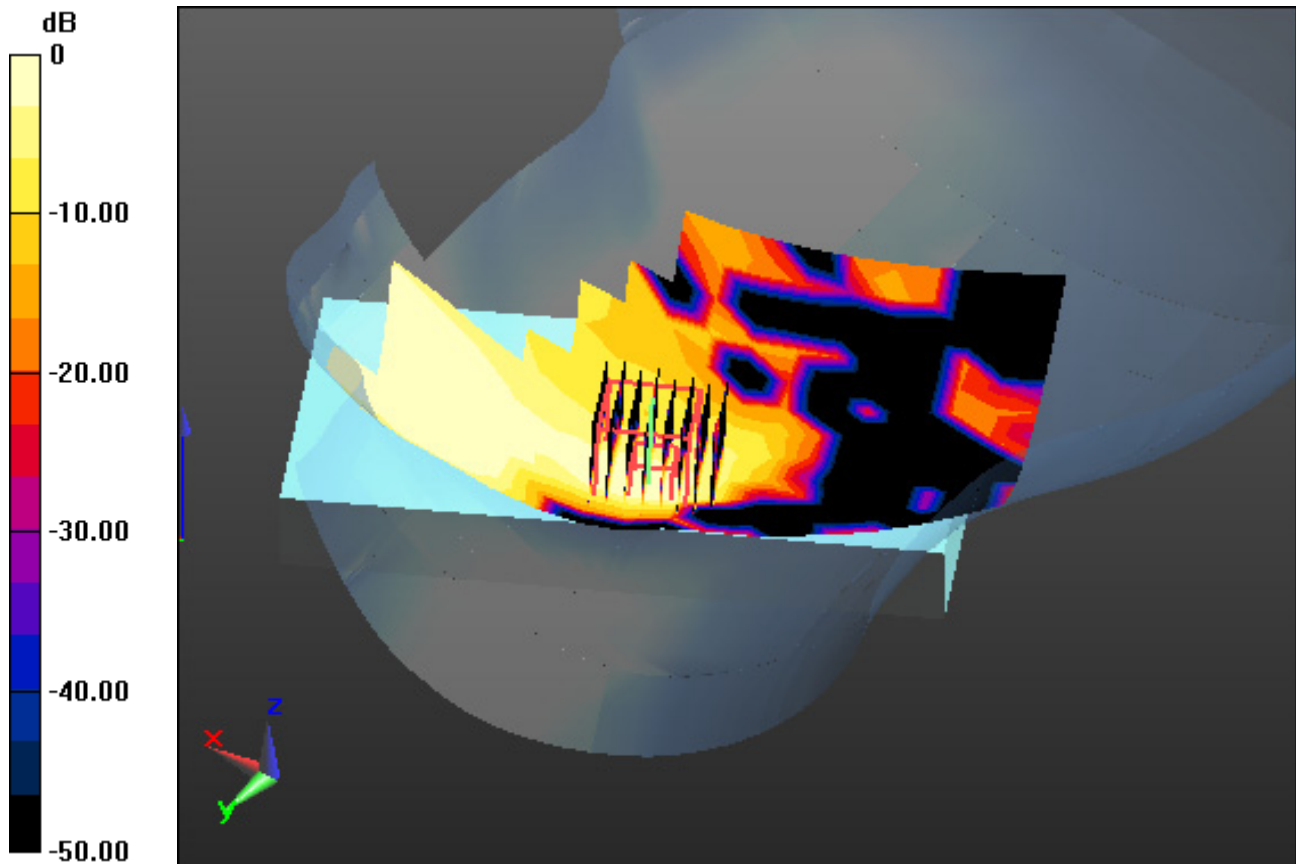
**Area Scan (12x19x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm, Graded Ratio:1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.022 W/kg**



0 dB = 0.162 W/kg

## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

**Left Tilt, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery, Ant.2**

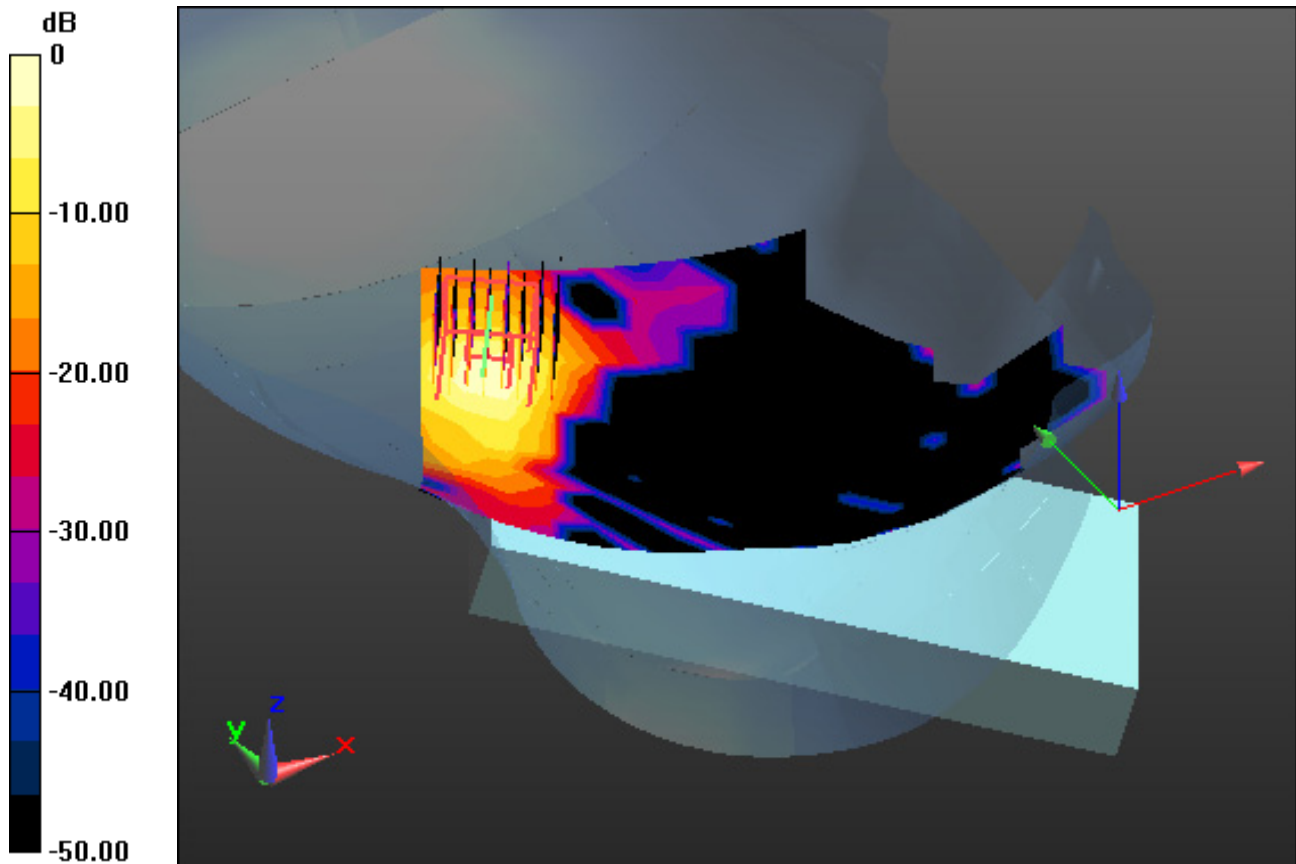
**Area Scan (13x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm, Graded Ratio:1.4

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.24 W/kg

**SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.225 W/kg**



0 dB = 1.79 W/kg

## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

**Left Tilt, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery, MIMO**

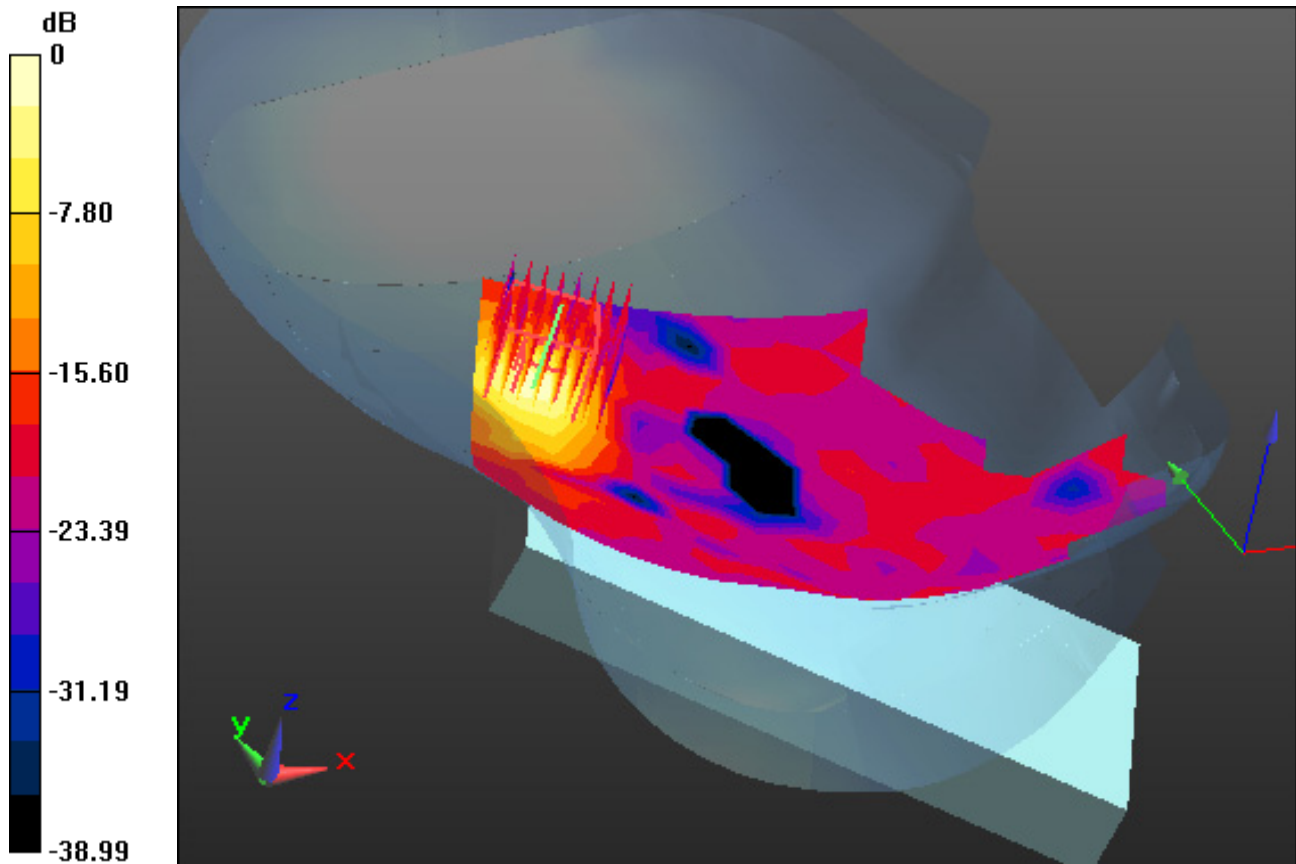
**Area Scan (13x20x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm, Graded Ratio:1.4

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.74 W/kg

**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.224 W/kg**



0 dB = 1.72 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.402 \text{ S/m}$ ;  $\epsilon_r = 35.763$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**Right Touch, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, Ant.1**

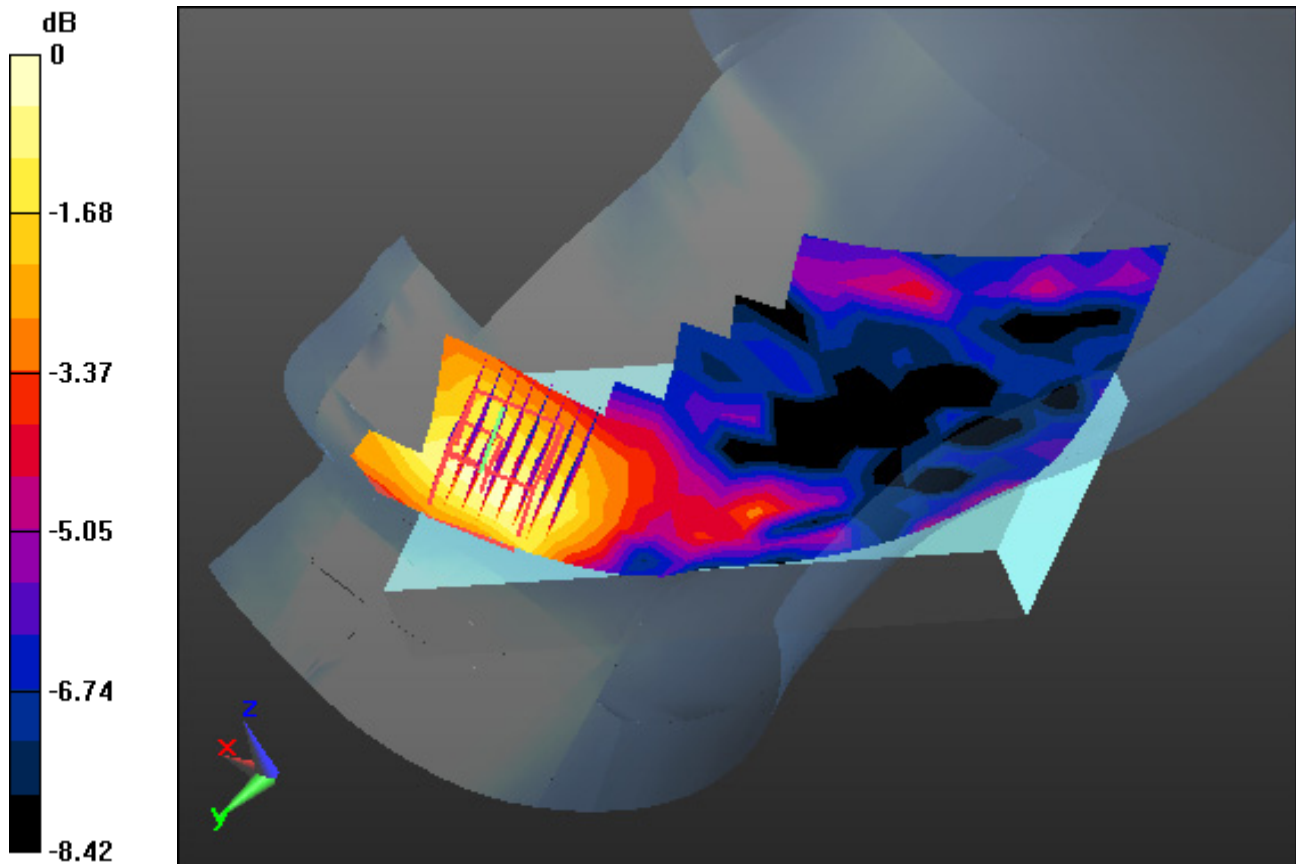
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.071 W/kg**



0 dB = 0.171 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, W-LAN\_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.402 \text{ S/m}$ ;  $\epsilon_r = 35.763$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**Left Touch, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, Ant.2**

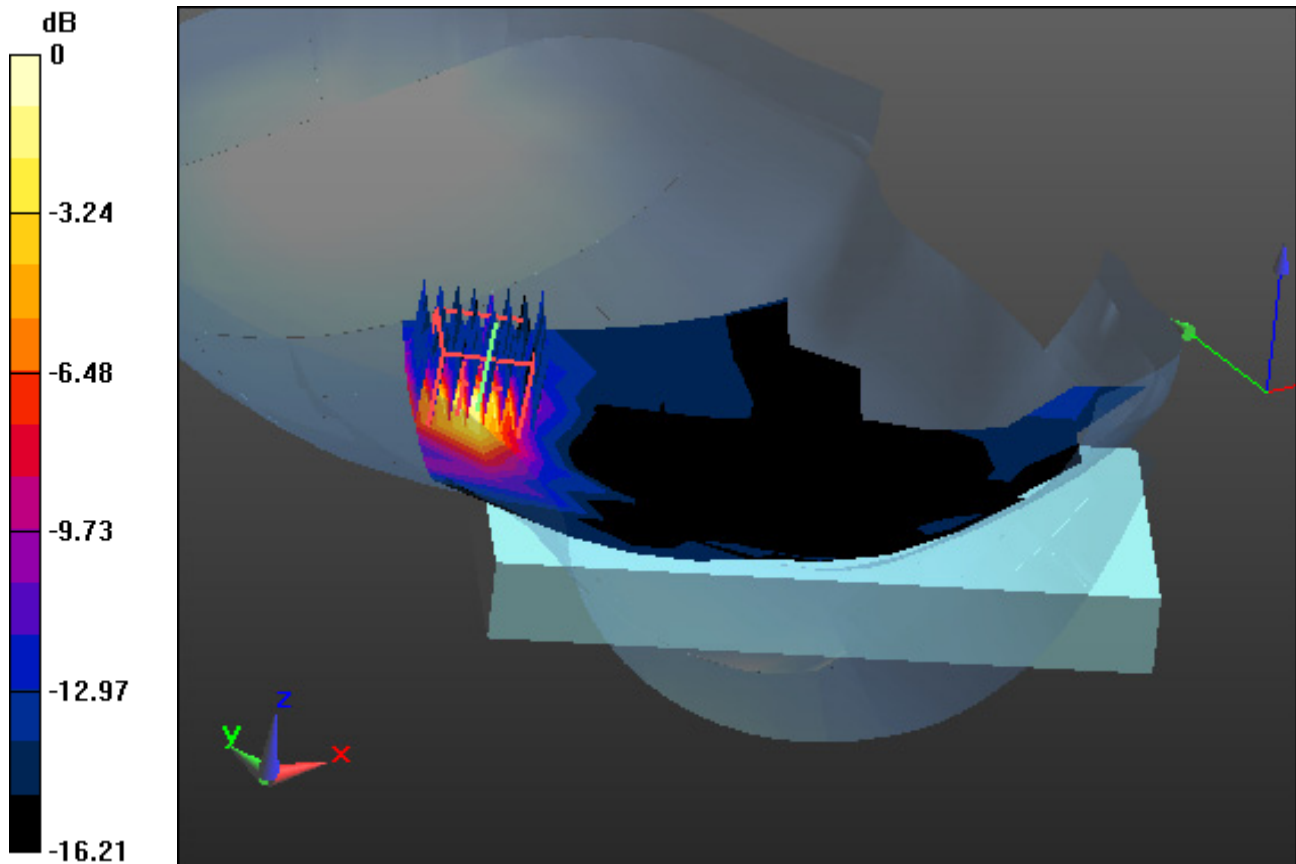
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.198 W/kg**



0 dB = 1.25 W/kg

## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.402 \text{ S/m}$ ;  $\epsilon_r = 35.763$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**Left Tilt, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, MIMO**

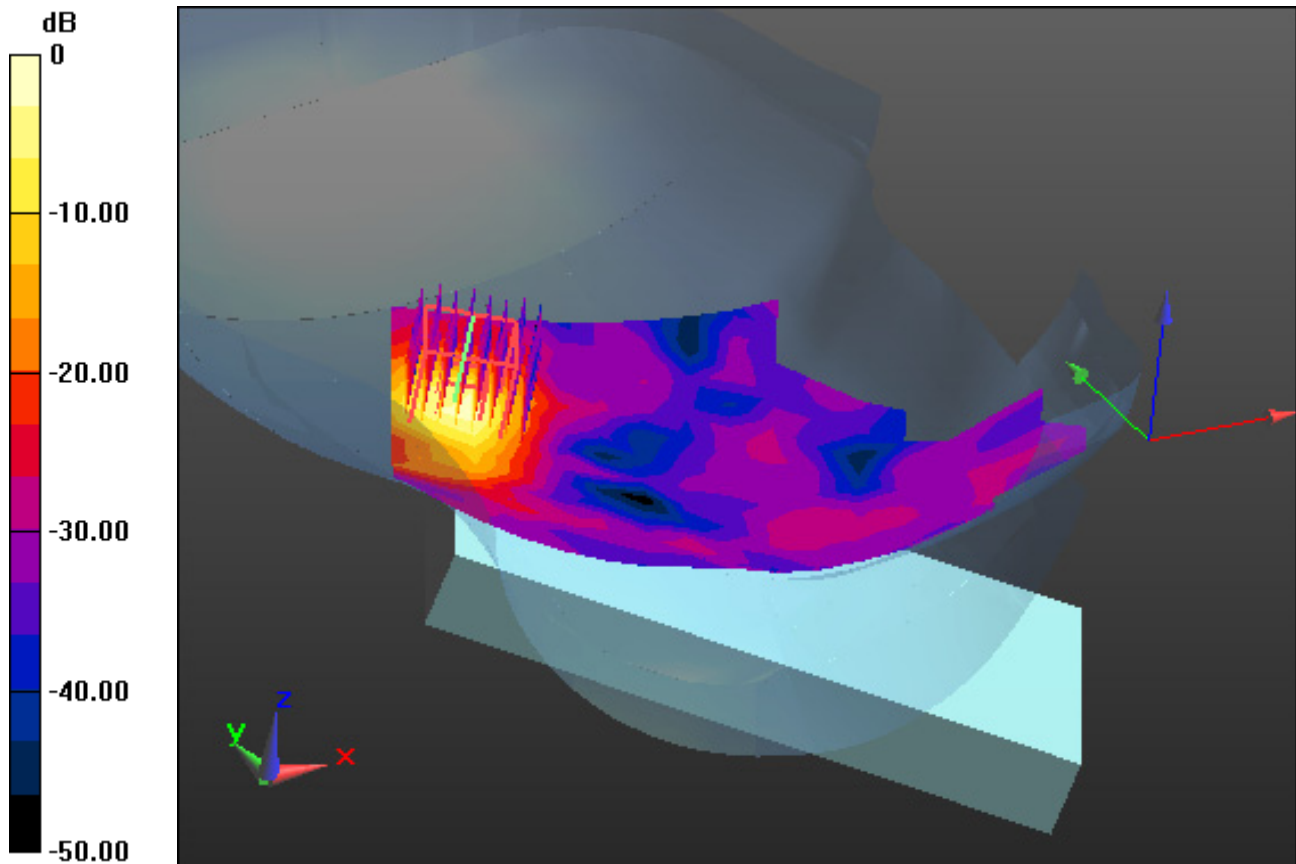
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.62 W/kg

**SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.191 W/kg**



0 dB = 1.56 W/kg

## **Dt&C Co., Ltd.**

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.846 \text{ S/m}$ ;  $\epsilon_r = 39.173$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

### **Right Touch, Bluetooth 1 Mbps Ch. 39, Ant Internal, Standard Battery**

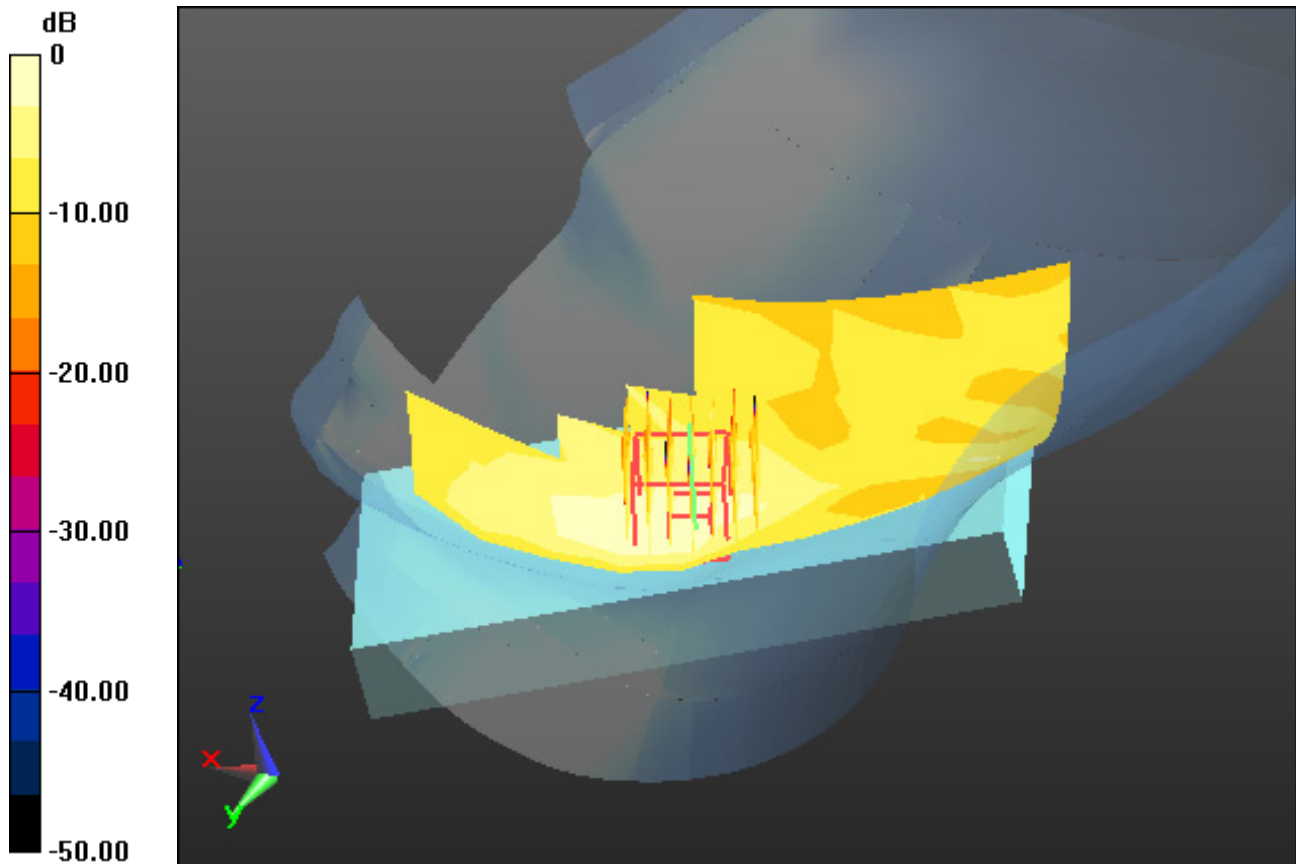
**Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.00638 W/kg

**SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.001 W/kg**



0 dB = 0.00402 W/kg

## **Dt&C Co., Ltd.**

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, LE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.178  
Medium parameters used:  $f = 2440$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 39.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

### **Right Touch, Bluetooth LE 1 Mbps Ch. 19, Ant Internal, Standard Battery**

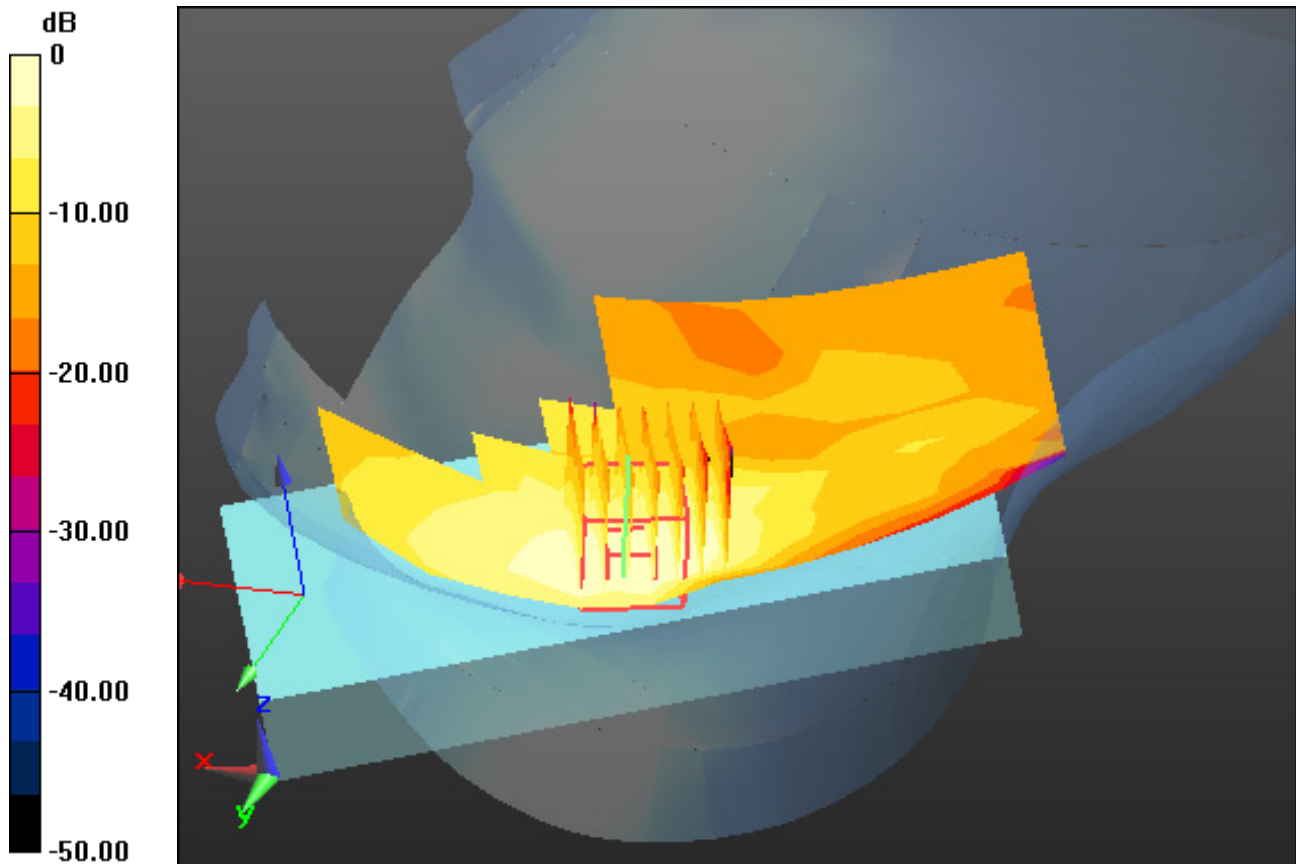
**Area Scan (10x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0530 W/kg

**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg**



0 dB = 0.0331 W/kg

## Dt&C Co., Ltd.

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, LE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.168  
Medium parameters used:  $f = 2440$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 39.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

### **Right Touch, Bluetooth LE 1 Mbps Ch. 19, Ant Internal, Standard Battery, Module 2**

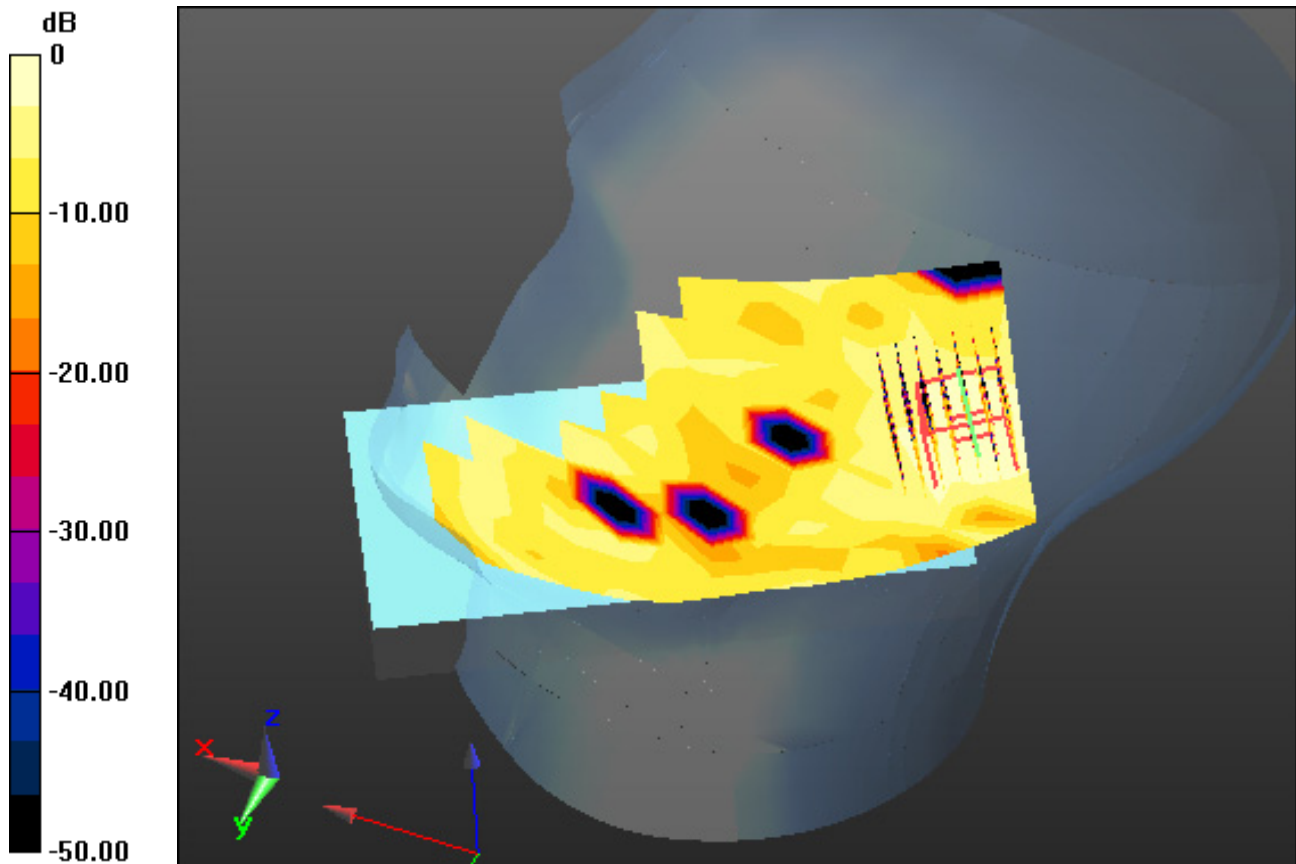
**Area Scan (10x16x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.00999 W/kg

SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.001 W/kg



## Dt&C Co., Ltd.

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.784 \text{ S/m}$ ;  $\epsilon_r = 38.501$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### **1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal, Ant.1**

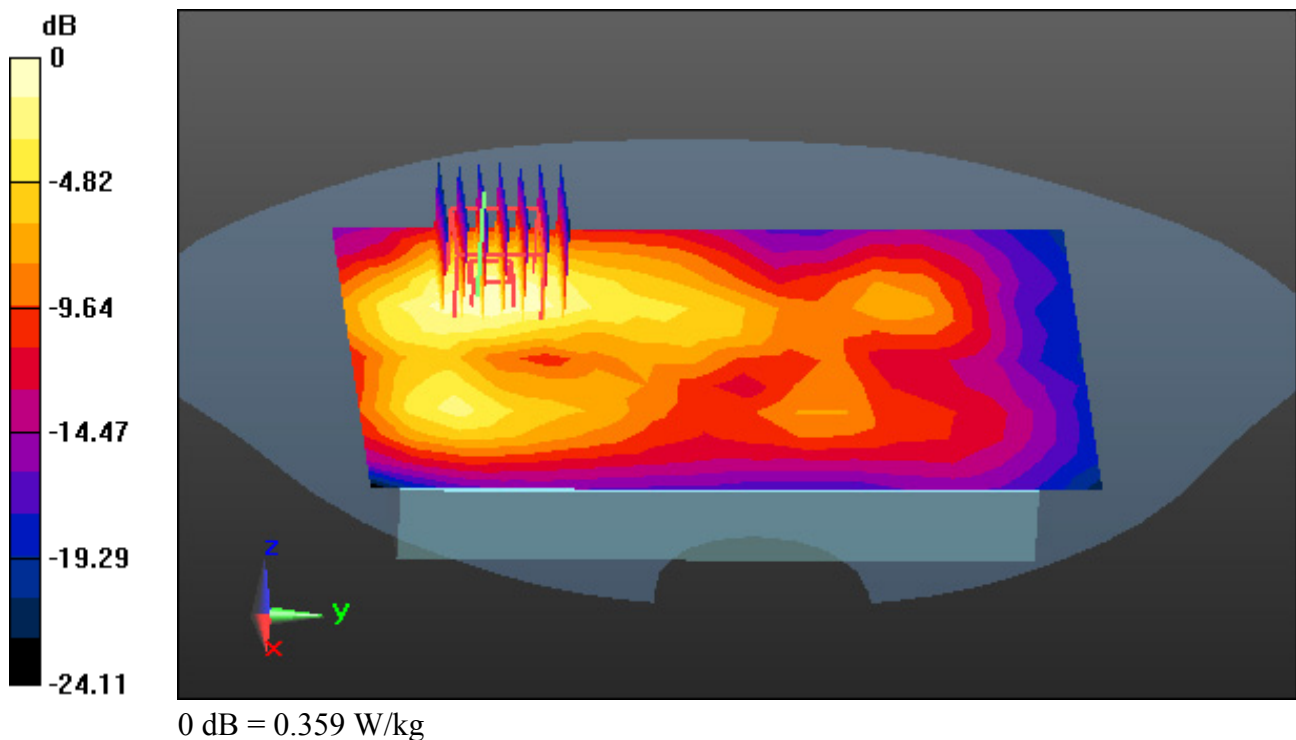
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.144 W/kg**



## Dt&C Co., Ltd.

### DUT: PM86W; Type: Bar

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.753 \text{ S/m}$ ;  $\epsilon_r = 38.61$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### 1 cm space from Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal, Ant.2

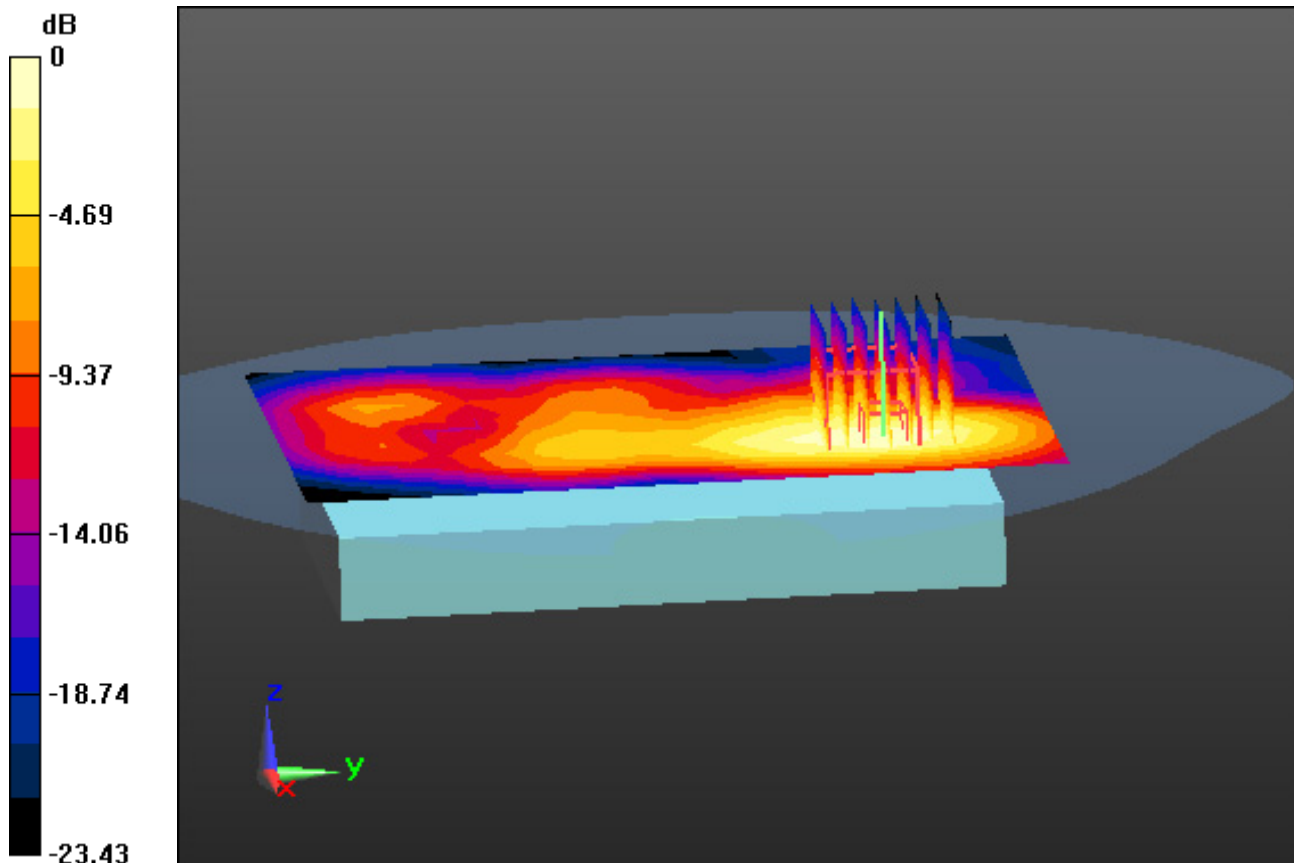
**Area Scan (10x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.118 W/kg



0 dB = 0.284 W/kg

## Dt&C Co., Ltd.

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.784 \text{ S/m}$ ;  $\epsilon_r = 38.501$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-01; Ambient Temp: 21.3; Tissue Temp: 21.2

### **1 cm space from Body, Front, W-LAN(802.11g) Ch. 6, Ant Internal, MIMO**

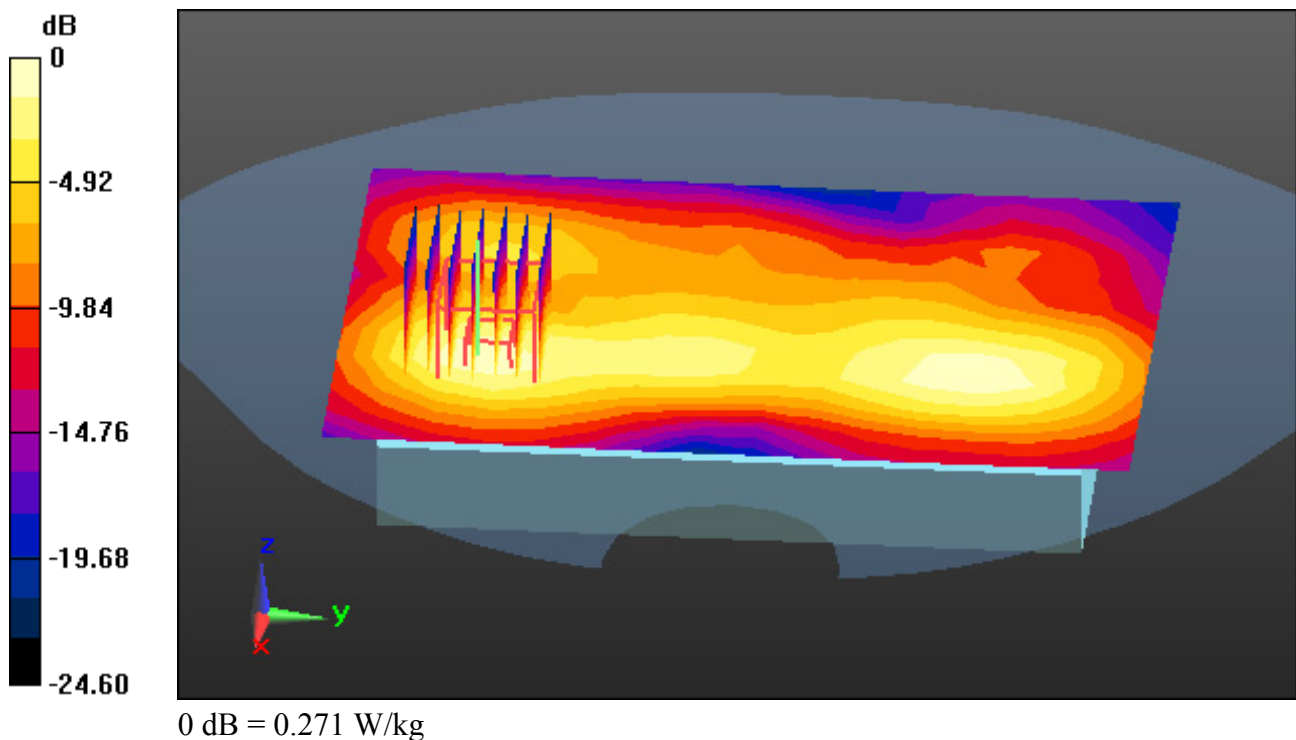
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.105 W/kg**



## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

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

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.87 \text{ S/m}$ ;  $\epsilon_r = 35.318$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

**1 cm space from Body, Front, WLAN(802.11a) Ch. 52, Ant Internal, Ant.1**

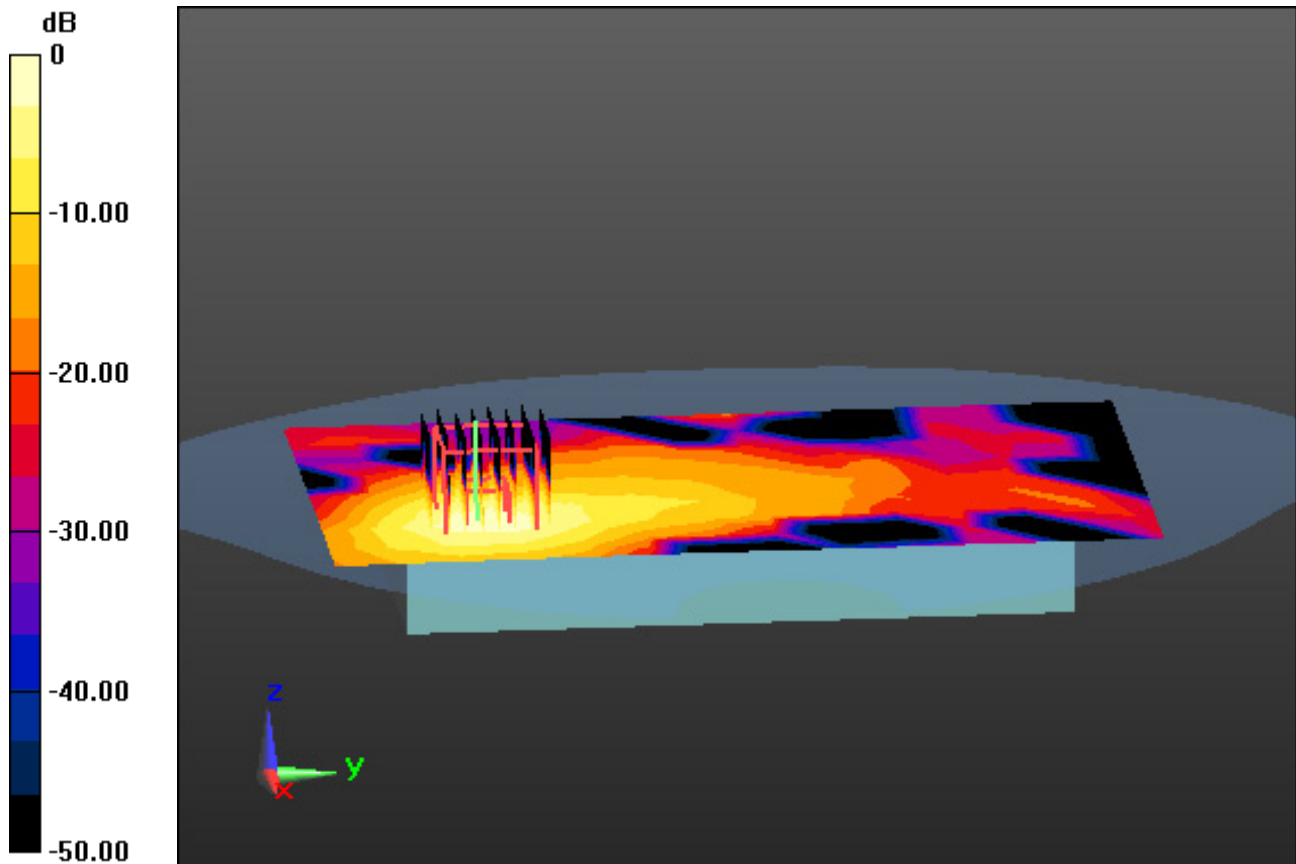
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.137 W/kg**



0 dB = 0.823 W/kg

## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

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

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.87 \text{ S/m}$ ;  $\epsilon_r = 35.318$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

**1 cm space from Body, Front, WLAN(802.11a) Ch. 52, Ant Internal, Ant.2**

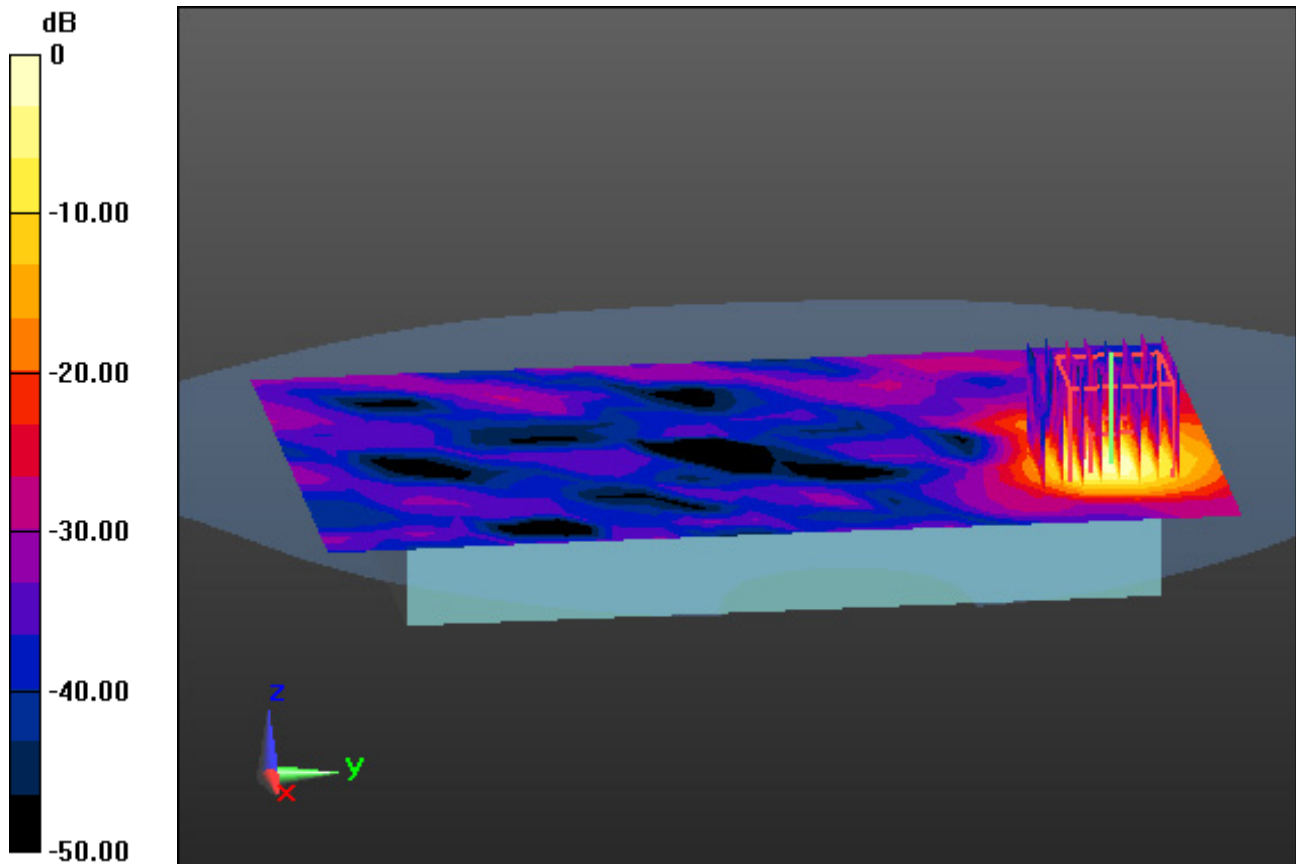
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.127 W/kg**



0 dB = 0.719 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

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;  $\sigma = 4.87$  S/m;  $\epsilon_r = 35.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-04; Ambient Temp: 20.8; Tissue Temp: 20.7

**1 cm space from Body, Front, WLAN(802.11a) Ch. 52, Ant Internal, MIMO**

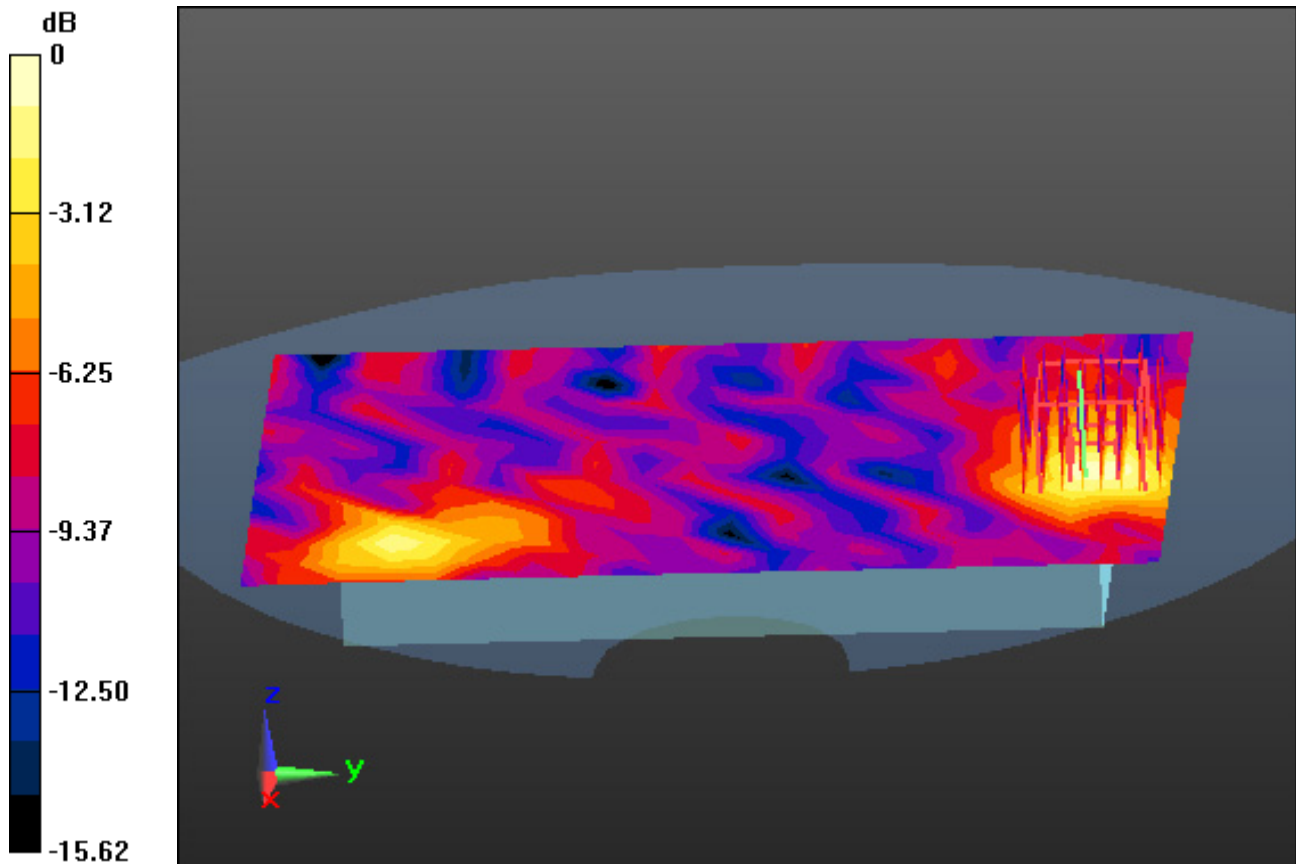
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.139 W/kg



0 dB = 0.503 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

**1 cm space from Body, Front, WLAN(802.11a) Ch. 100, Ant Internal, Ant.1**

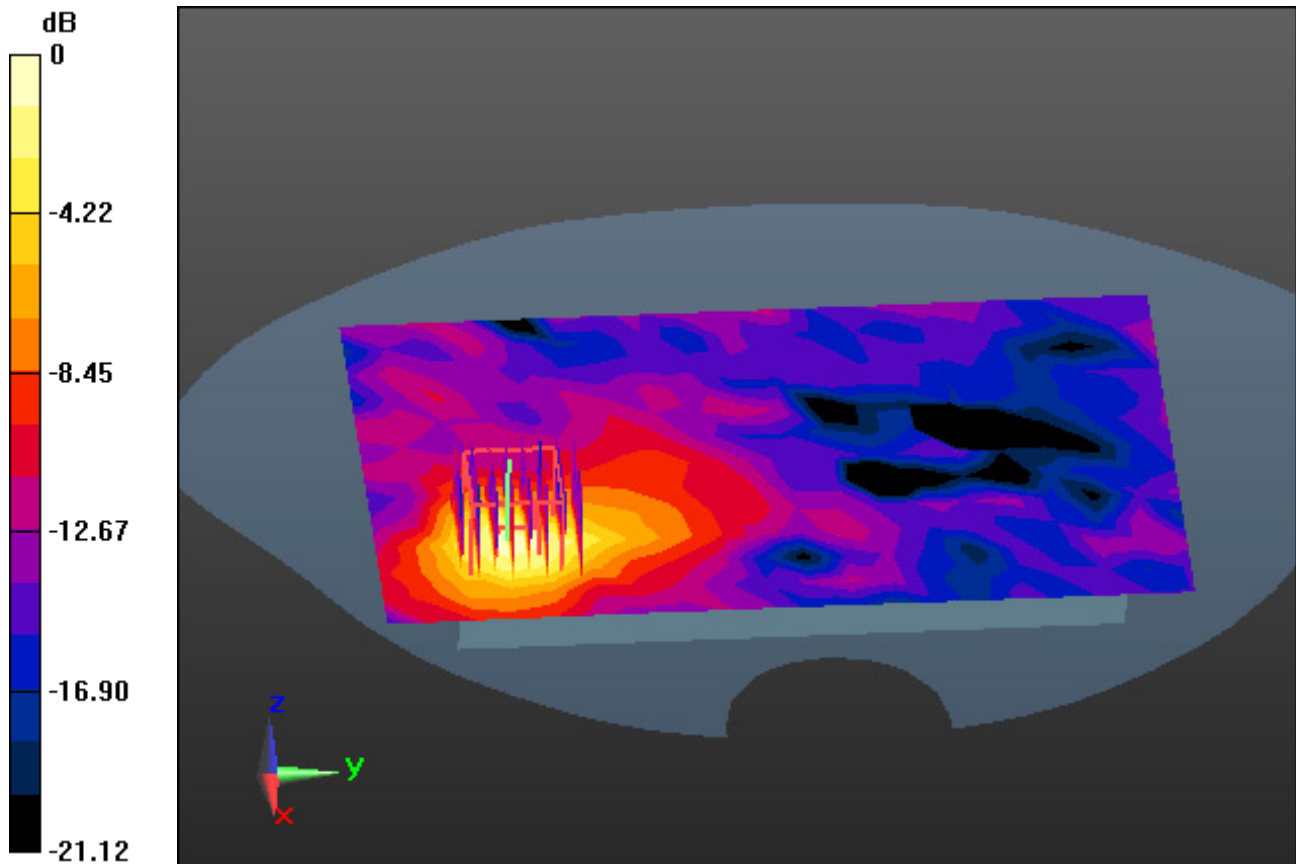
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.767 W/kg

**SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.093 W/kg**



0 dB = 0.482 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

**1 cm space from Body, Rear, WLAN(802.11a) Ch. 100, Ant Internal, Ant.2**

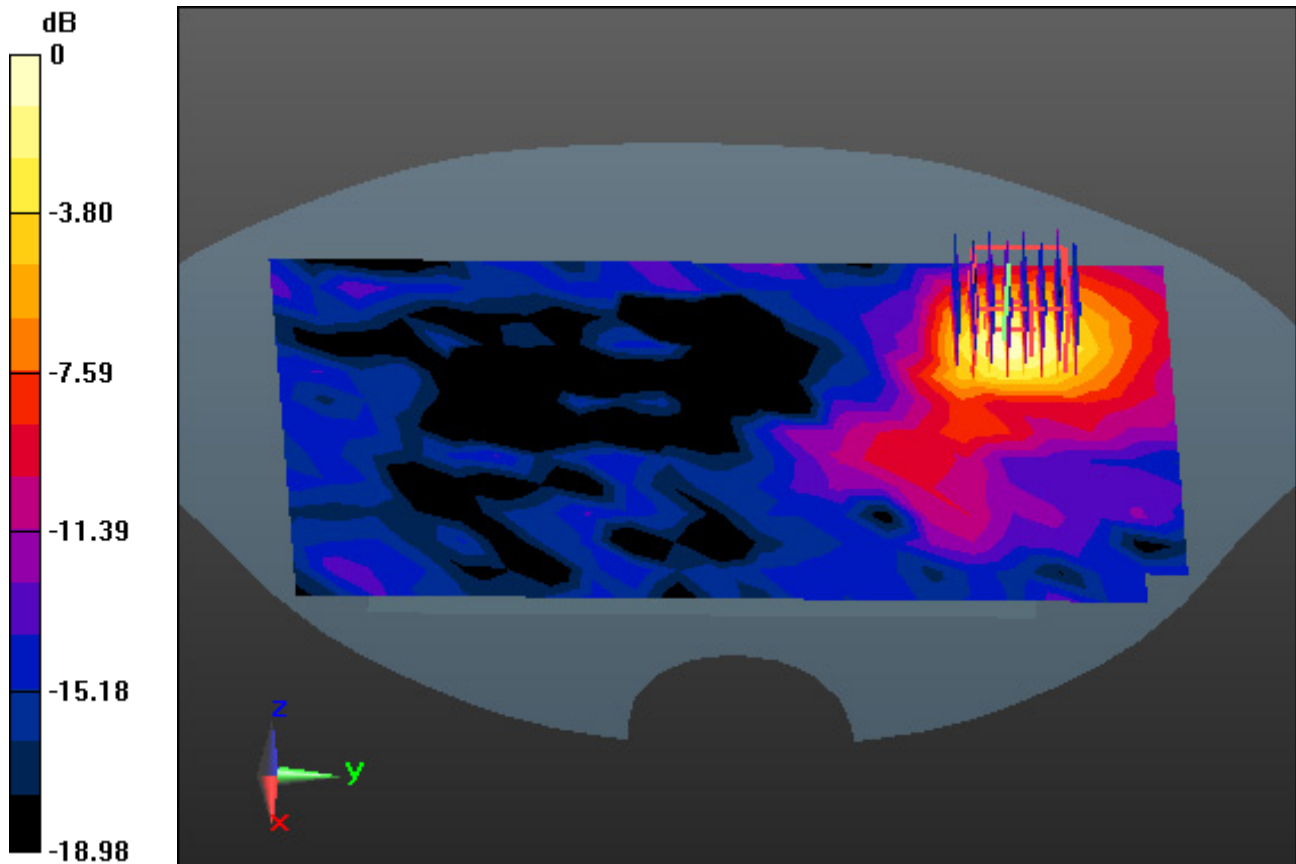
**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.122 W/kg**



## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, 1.W-LAN 5.6G&5.8G (0); Frequency: 5500 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.08$  S/m;  $\epsilon_r = 36.216$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.05, 5.05, 5.05); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-05; Ambient Temp: 20.7; Tissue Temp: 20.6

**1 cm space from Body, Front, WLAN(802.11a) Ch. 100, Ant Internal, MIMO**

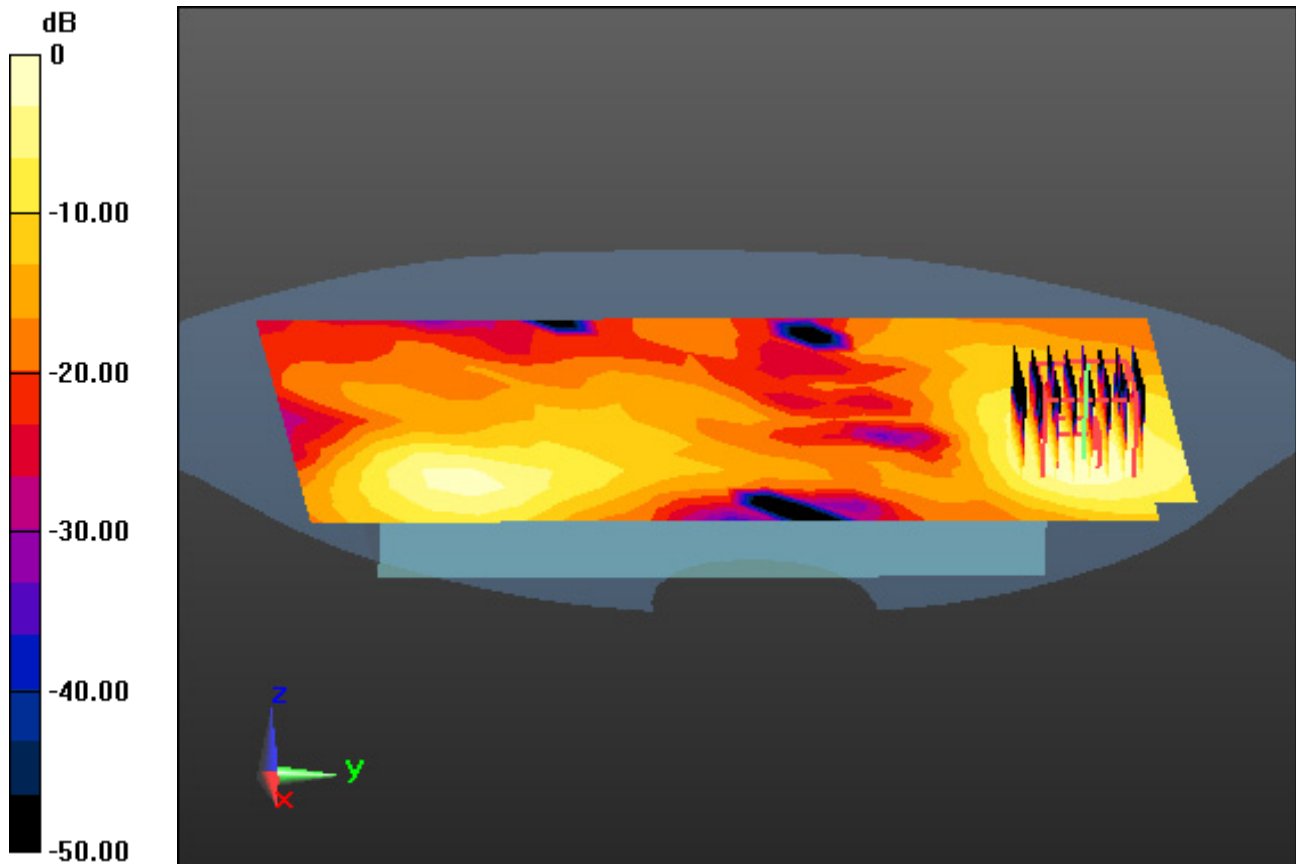
**Area Scan (13x22x1):** Measurement grid: dx=10mm, dy=10mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.178 W/kg**



0 dB = 1.03 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.402 \text{ S/m}$ ;  $\epsilon_r = 35.763$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**1 cm space from Body, Front, WLAN(802.11a) Ch. 149, Ant Internal, Ant.1**

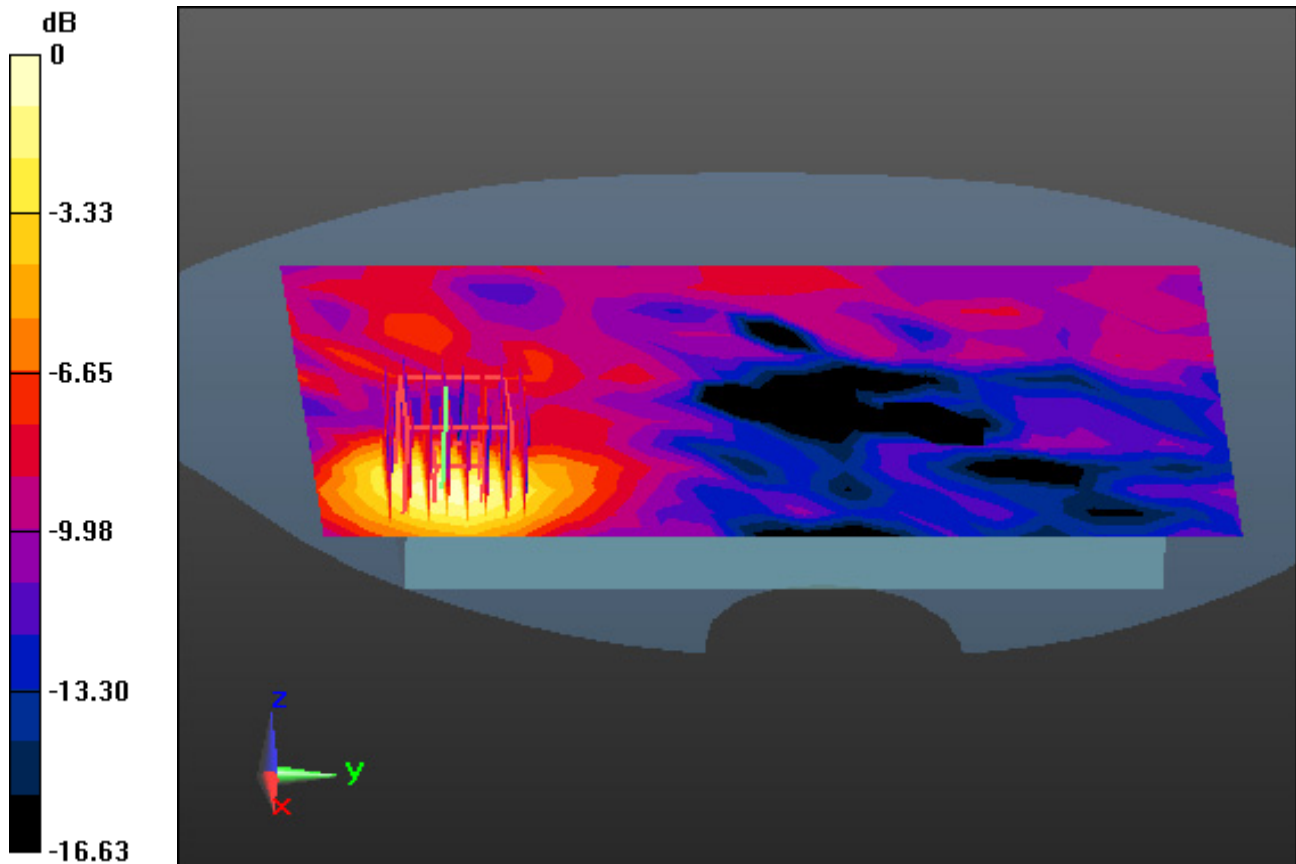
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.095 W/kg**



0 dB = 0.369 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.402 \text{ S/m}$ ;  $\epsilon_r = 35.763$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**1 cm space from Body, Front, WLAN(802.11a) Ch. 149, Ant Internal, Ant.2**

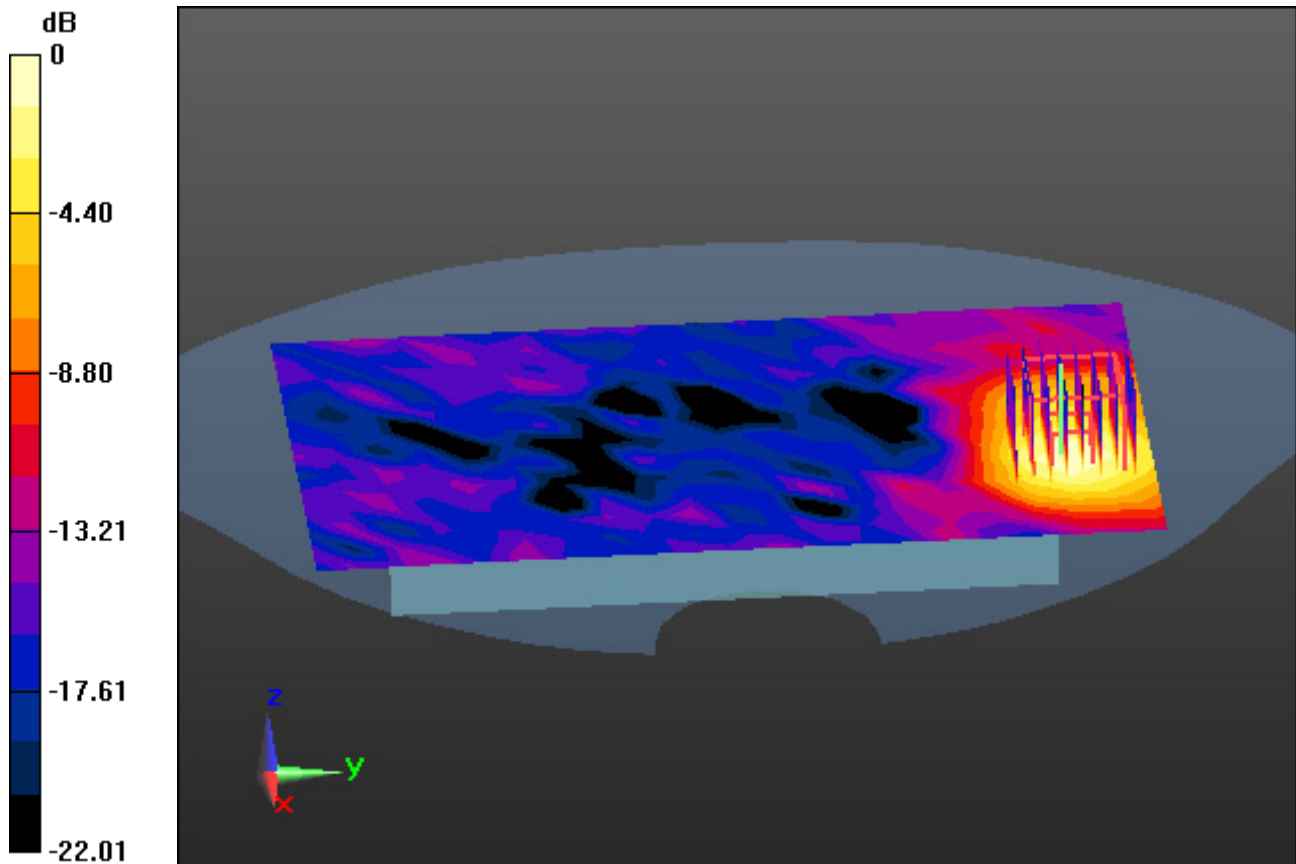
**Area Scan (13x21x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.132 W/kg**



0 dB = 0.660 W/kg

## Dt&C Co., Ltd.

**DUT: PM86W; Type: Bar**

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5745 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.402 \text{ S/m}$ ;  $\epsilon_r = 35.763$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.89, 4.89, 4.89); Calibrated: 7/25/2022 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2022-03-18; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-07-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**1 cm space from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal, MIMO**

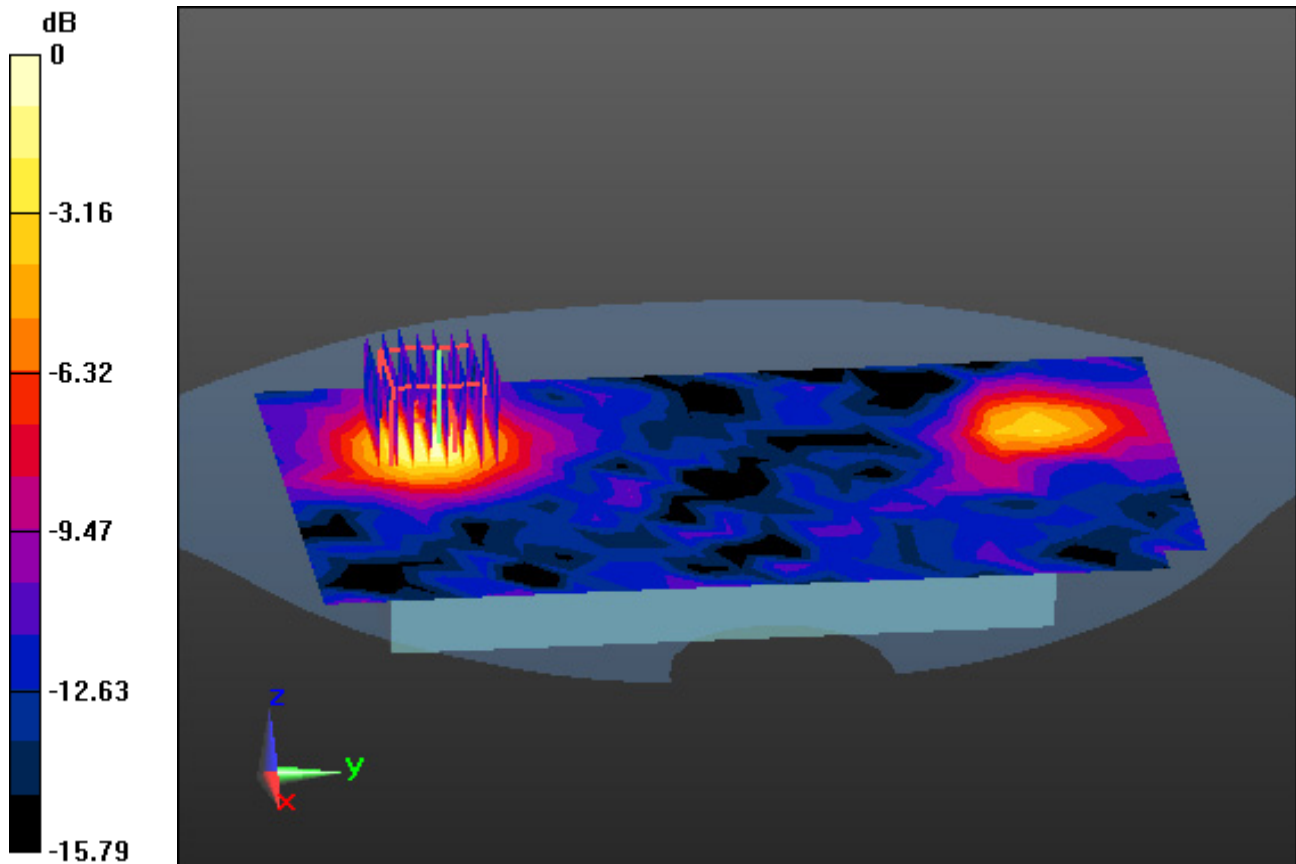
**Area Scan (13x22x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$ , Graded Ratio:1.4

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.213 W/kg**



## **Dt&C Co., Ltd.**

**DUT: PM86W; Type: Bar**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.846 \text{ S/m}$ ;  $\epsilon_r = 39.173$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

**1 cm space from Body, Rear, Bluetooth 1 Mbps Ch. 39, Ant Internal**

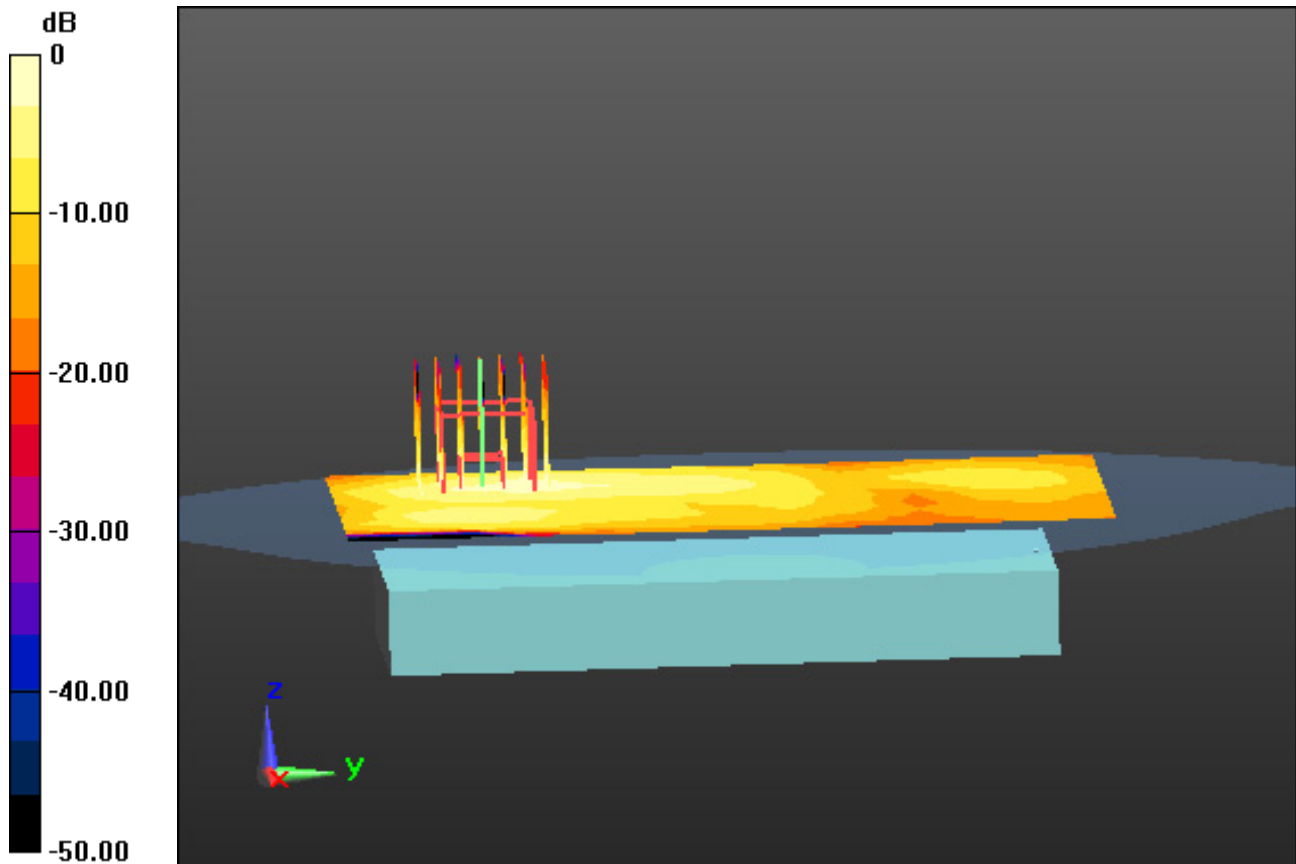
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0136 W/kg

**SAR(1 g) = 0.004 W/kg; SAR(10 g) = 0.002 W/kg**



0 dB = 0.00503 W/kg

## Dt&C Co., Ltd.

### **DUT: PM86; Type: Bar**

Communication System: UID 0, LE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.178  
Medium parameters used:  $f = 2440 \text{ MHz}$ ;  $\sigma = 1.845 \text{ S/m}$ ;  $\epsilon_r = 39.177$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

### **1 cm space from Body, Rear, Bluetooth LE 1 Mbps Ch. 19, Ant Internal**

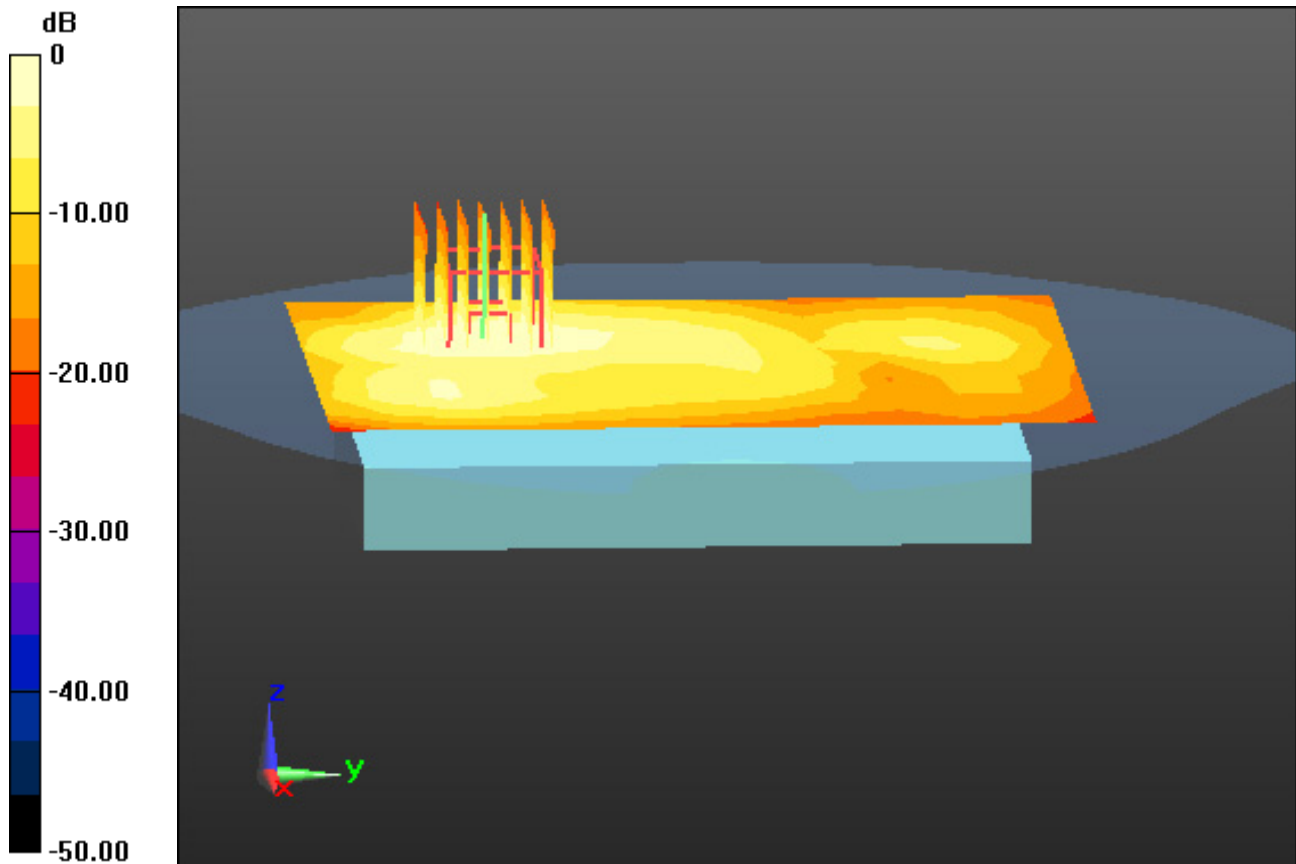
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0530 W/kg

**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.017 W/kg**



0 dB = 0.0317 W/kg

## Dt&C Co., Ltd.

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, LE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.168  
Medium parameters used:  $f = 2440$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 39.177$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.43, 4.96, 5.03); Calibrated: 1/22/2023 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2013\_10\_08\_right; Type: QD000P40CD; Serial: TP:1785  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-20; Ambient Temp: 21.5; Tissue Temp: 21.4

### **1 cm space from Body, Rear, Bluetooth LE 1 Mbps Ch. 19, Ant Internal, Module 2**

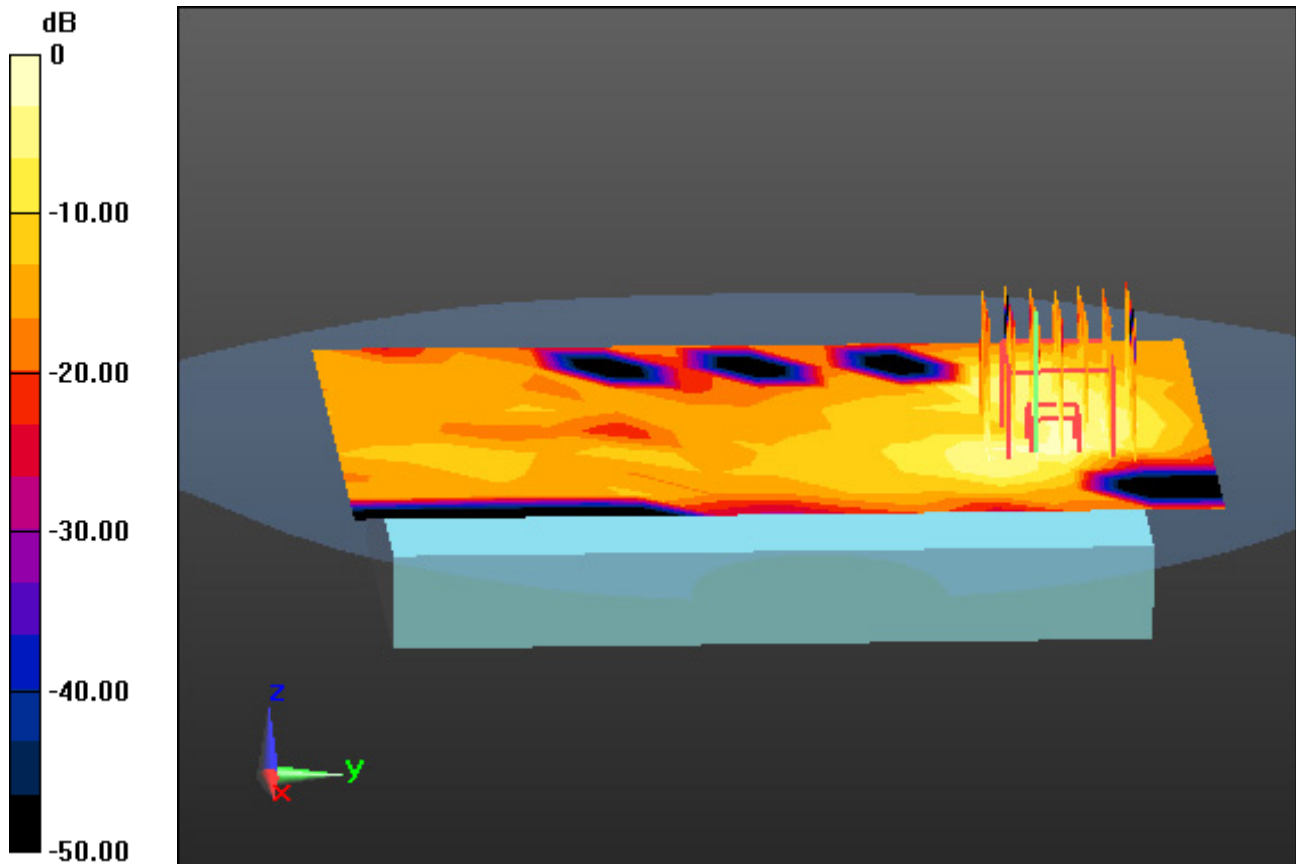
**Area Scan (11x16x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0266 W/kg

**SAR(1 g) = 0.009 W/kg; SAR(10 g) = 0.005 W/kg**



0 dB = 0.0153 W/kg

## **Dt&C Co., Ltd.**

### **DUT: PM86W; Type: Bar**

Communication System: UID 0, NFC (0); Frequency: 13.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 13.6 \text{ MHz}$ ;  $\sigma = 0.73 \text{ S/m}$ ;  $\epsilon_r = 54.441$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3916; ConvF(17.86, 17.86, 17.86); Calibrated: 3/22/2023 Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: ELI v6.0\_Left\_20170922; Type: QDOVA003AA; Serial: 2039  
Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

Test Date: 2023-06-26; Ambient Temp: 21.4; Tissue Temp: 21.3

### **Touch from Body, Rear, NFC Ch. 13600, Ant Internal**

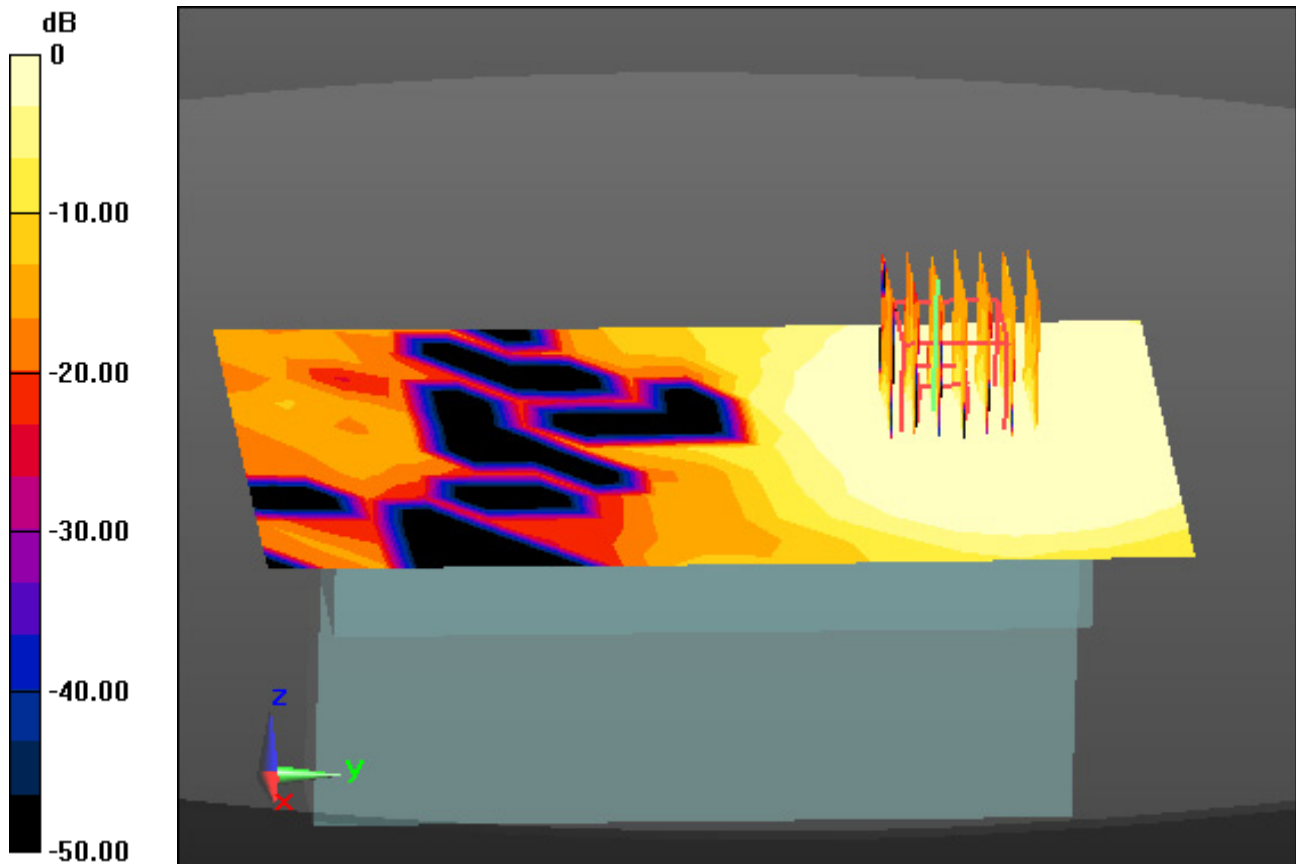
**Area Scan (13x18x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

**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) = 0.326 W/kg

**SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.025 W/kg**



0 dB = 0.146 W/kg