

## SAR Plots

- Verification Plots
- SAR Test Plots

## DT&C Co., Ltd.

**DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.899$  S/m;  $\epsilon_r = 41.883$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

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

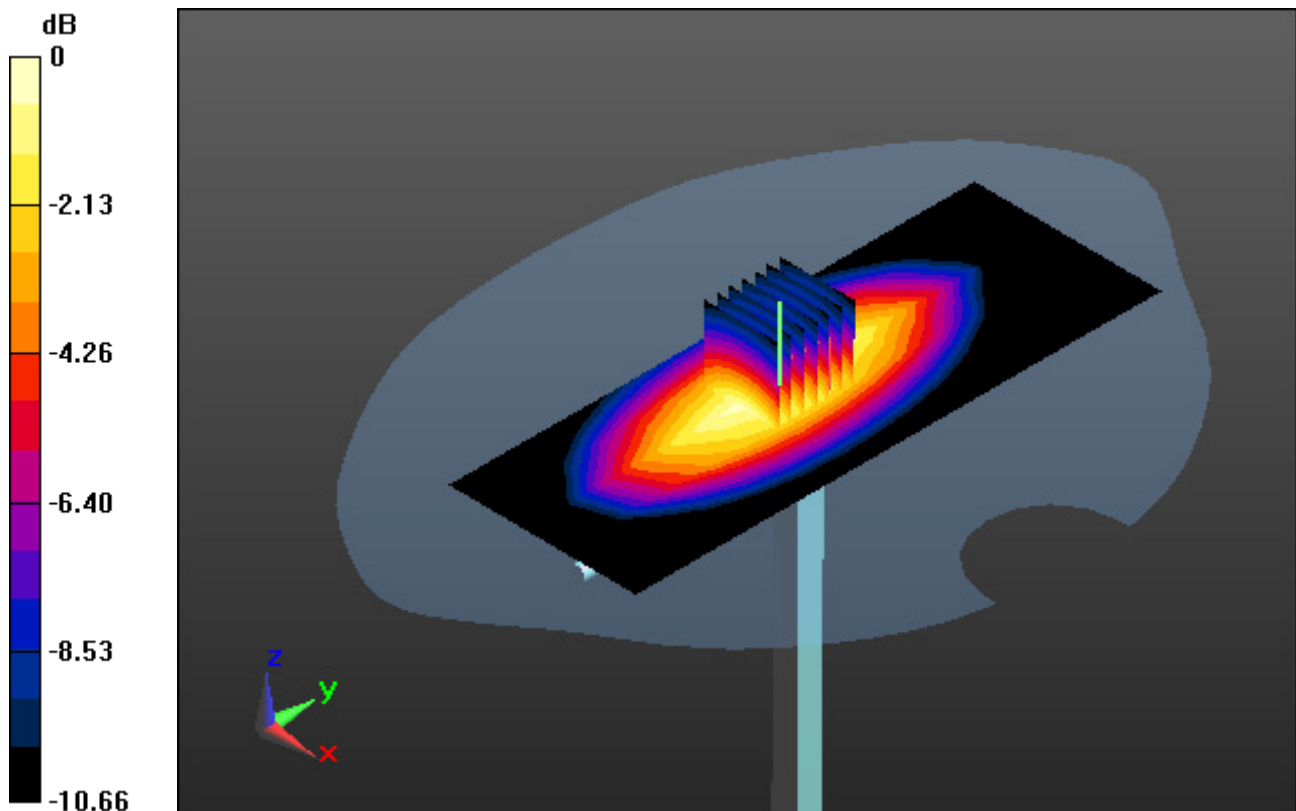
**Area Scan (6x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.16 W/kg

**SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.38 W/kg**



0 dB = 2.50 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.883$  S/m;  $\epsilon_r = 42.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020; Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-03-06; Ambient Temp: 21.0; Tissue Temp: 20.9

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

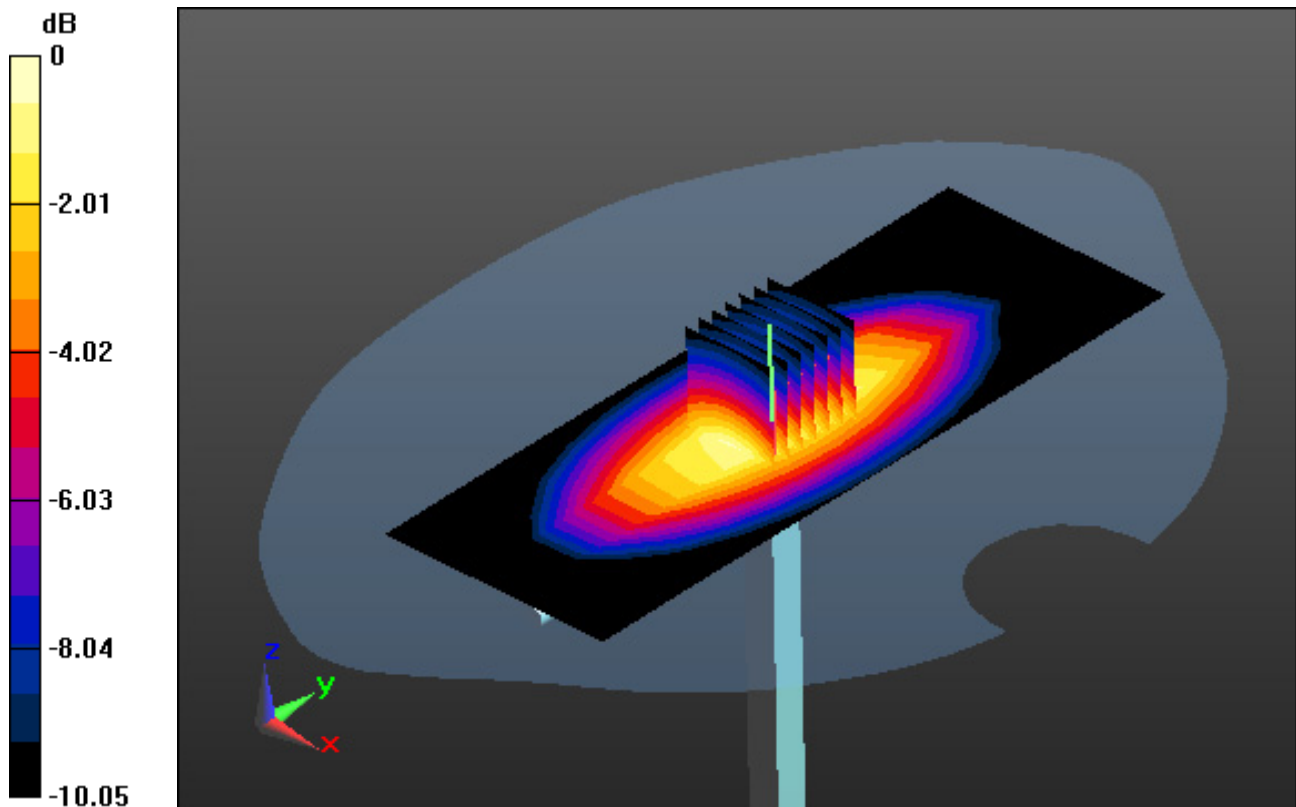
**Area Scan (6x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.93 W/kg

**SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.34 W/kg**



0 dB = 2.48 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 42.884$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

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

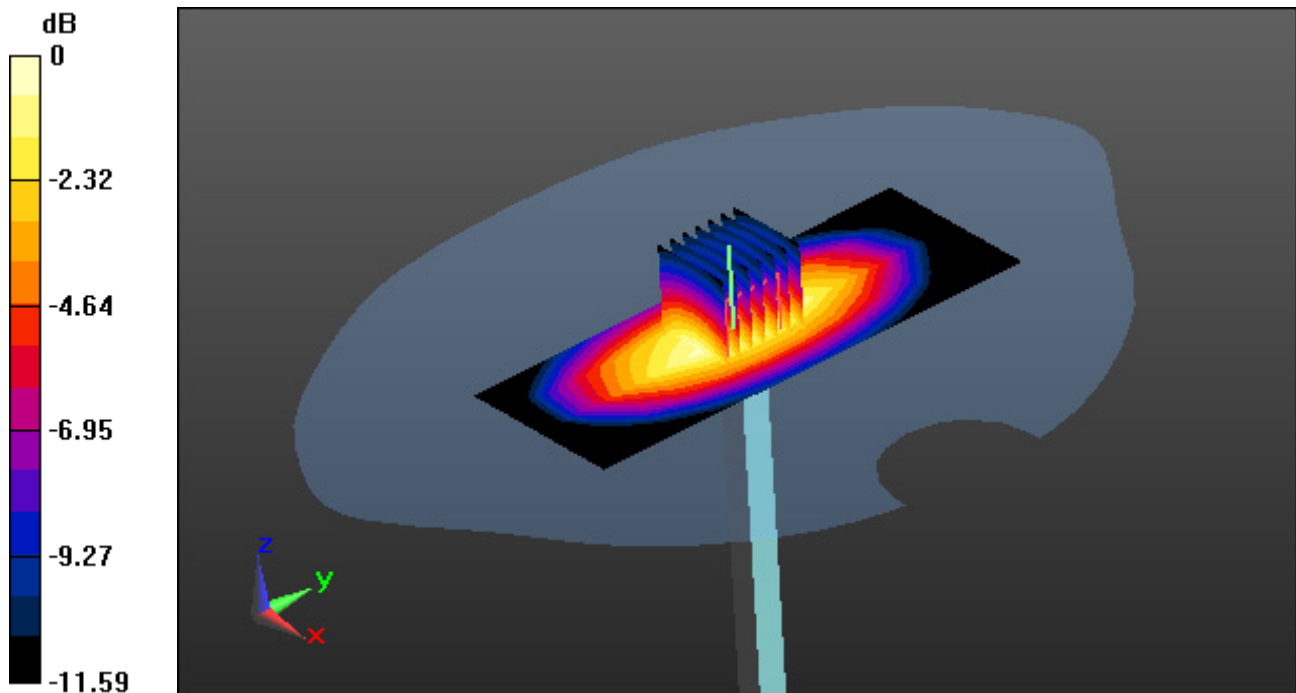
**Area Scan (5x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.39 W/kg

**SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.49 W/kg**



0 dB = 2.85 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 42.793$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-03-10; Ambient Temp: 21.2; Tissue Temp: 21.1

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

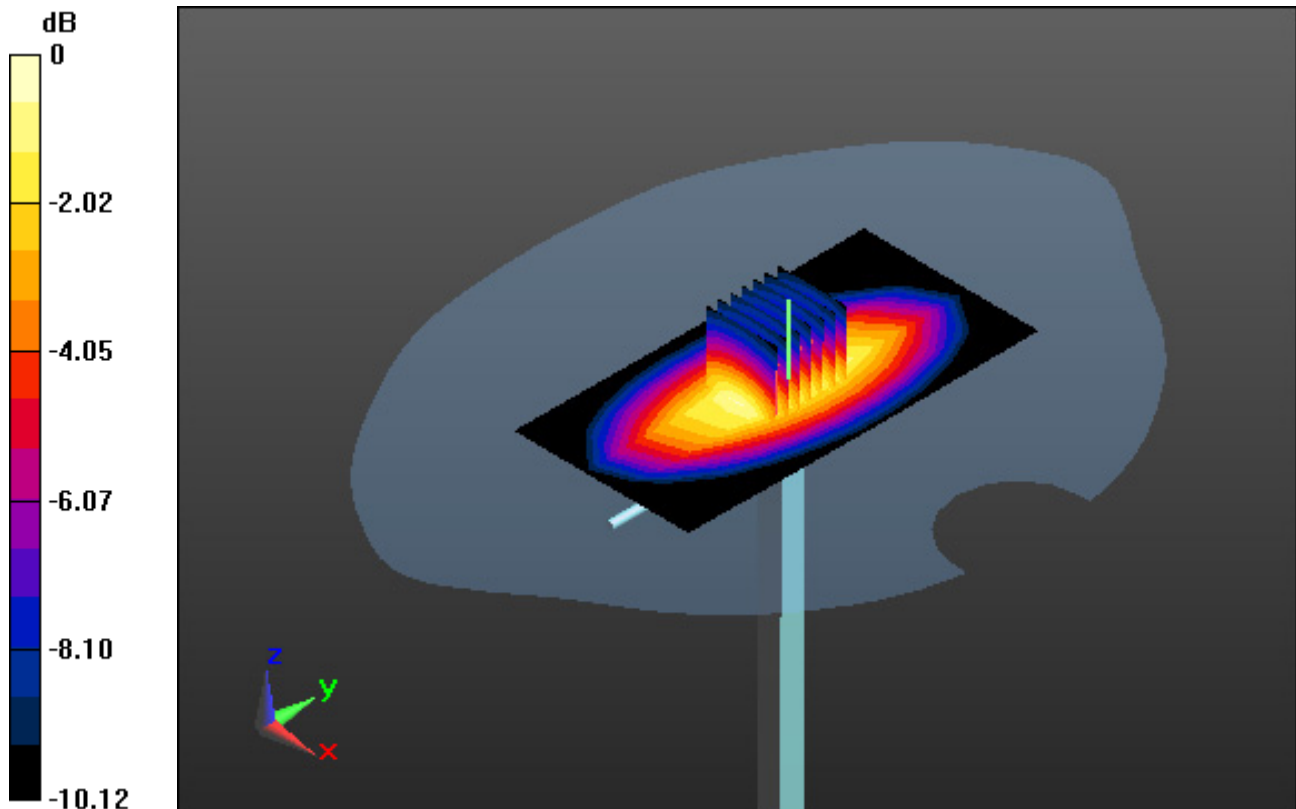
**Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.52 W/kg

**SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.58 W/kg**



0 dB = 2.77 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d202**

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 39.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

### **1800 MHz System Verification (100 mW)**

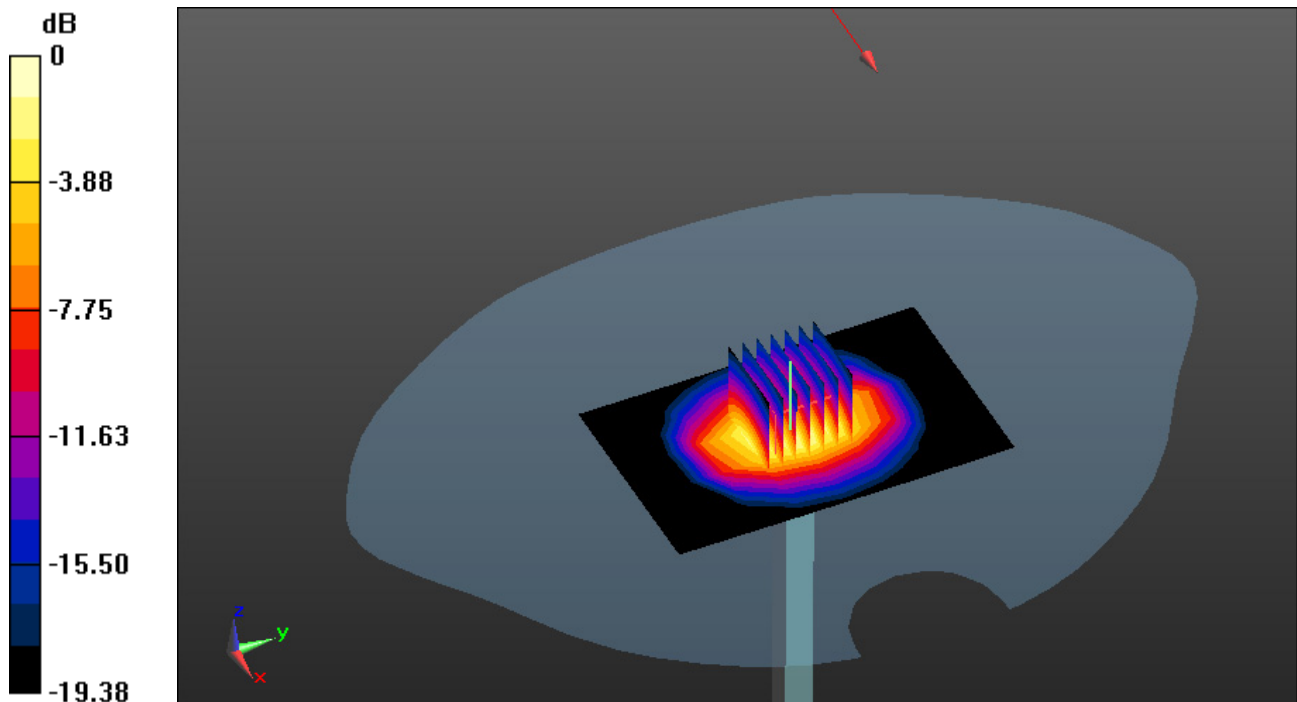
**Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 8.09 W/kg

**SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.03 W/kg**



0 dB = 5.33 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN2d202**

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 39.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(5.34, 5.34, 5.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

### **1800 MHz System Verification (100 mW)**

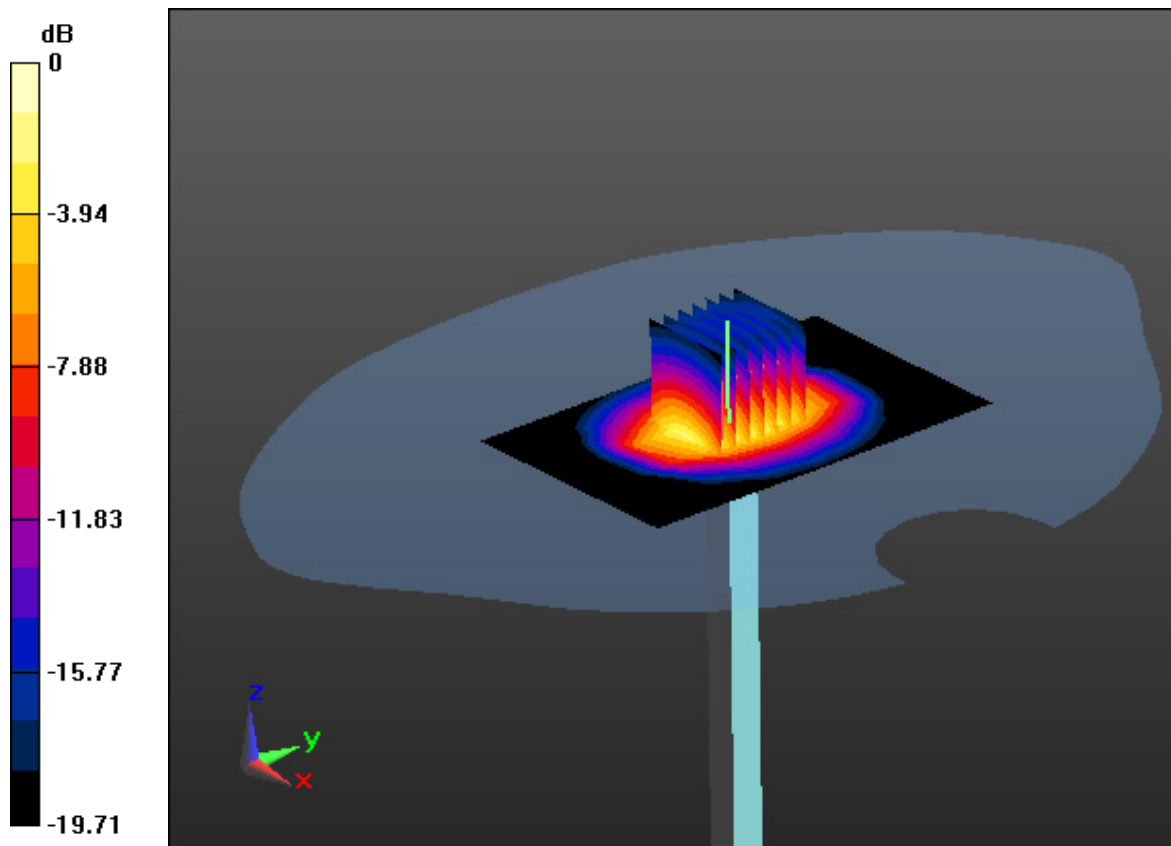
**Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.9 W/kg

**SAR(1 g) = 3.83 W/kg; SAR(10 g) = 2.05 W/kg**



0 dB = 4.03 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.439$  S/m;  $\epsilon_r = 40.876$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

### **1900 MHz System Verification (100 mW)**

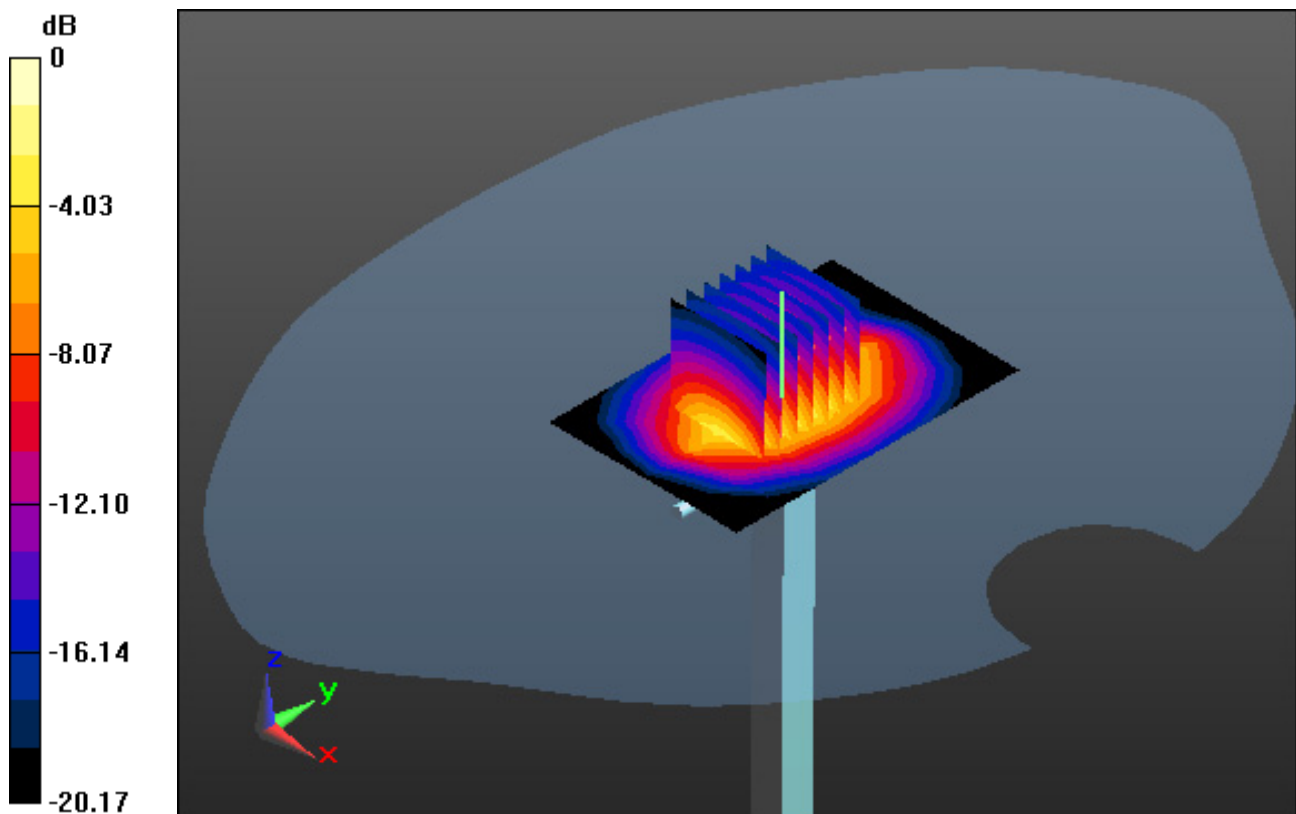
**Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 7.7 W/kg

**SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.08 W/kg**



0 dB = 5.9 W/kg



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.09, 5.09, 5.09); Calibrated: 3/25/2020 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-11; Ambient Temp: 20.7; Tissue Temp: 20.6

### **1900 MHz System Verification (100 mW)**

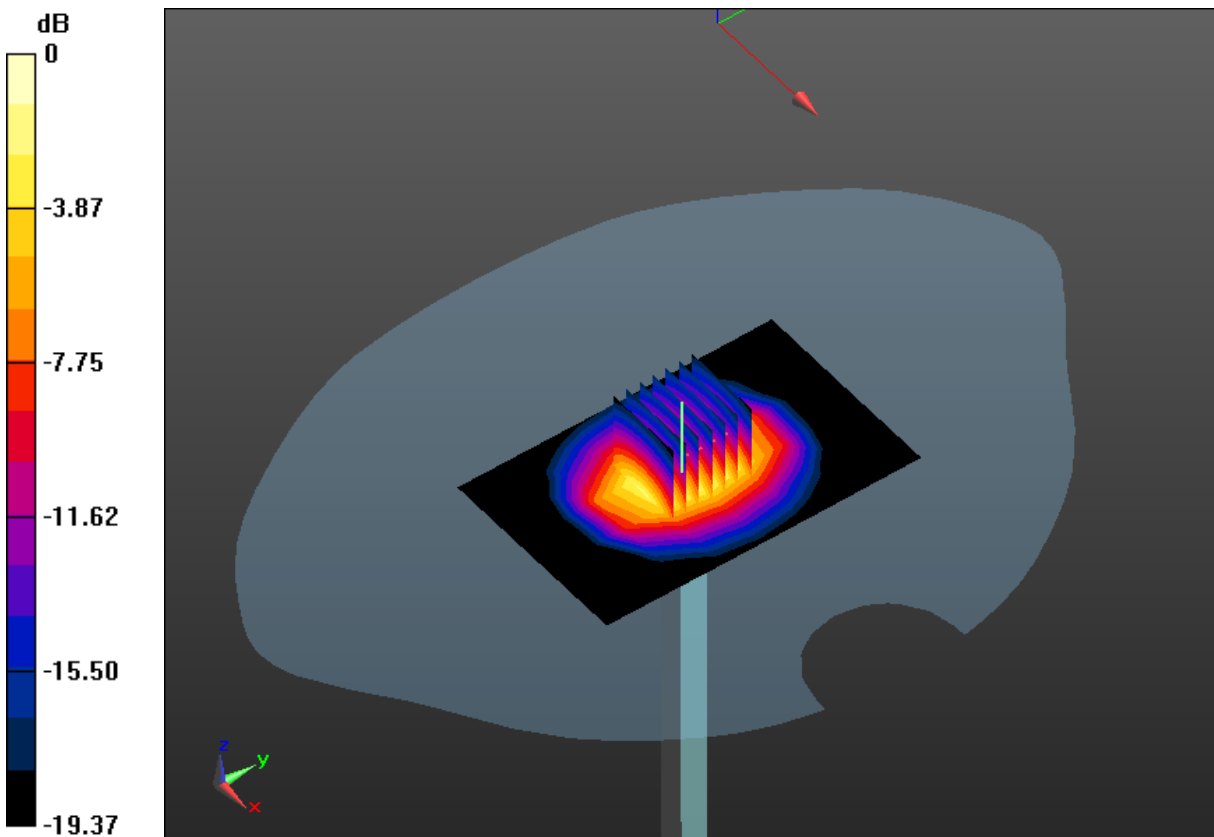
**Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

Drift = 0.01 dB

Peak SAR (extrapolated) = 8.24 W/kg

SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.11 W/kg



0 dB = 5.44 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;  $\sigma = 1.799$  S/m;  $\epsilon_r = 40.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-12; Ambient Temp: 20.1; Tissue Temp: 20.0

### **2450 MHz System Verification (100 mW)**

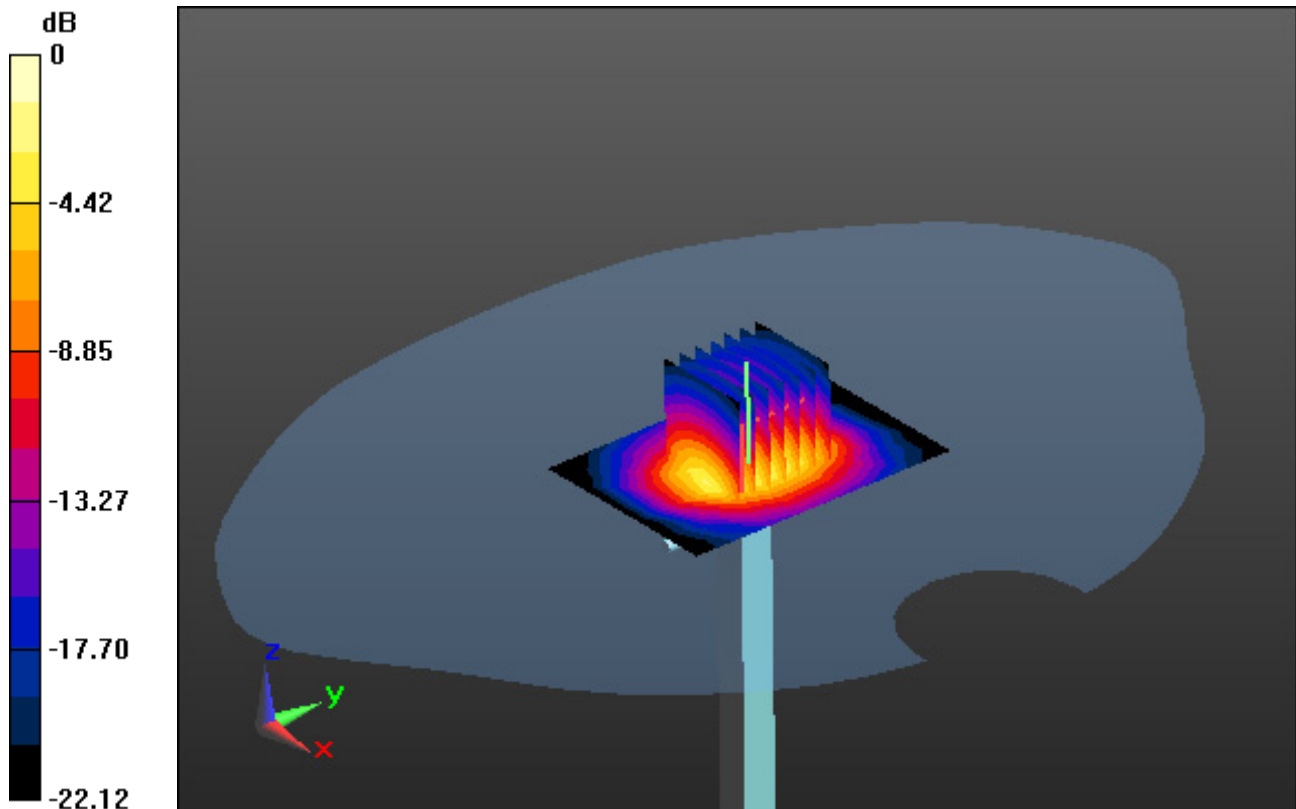
**Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.12 W/kg

SAR(1 g) = 5.36 W/kg; SAR(10 g) = 2.49 W/kg



0 dB = 6.24 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;  $\sigma = 1.818$  S/m;  $\epsilon_r = 39.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

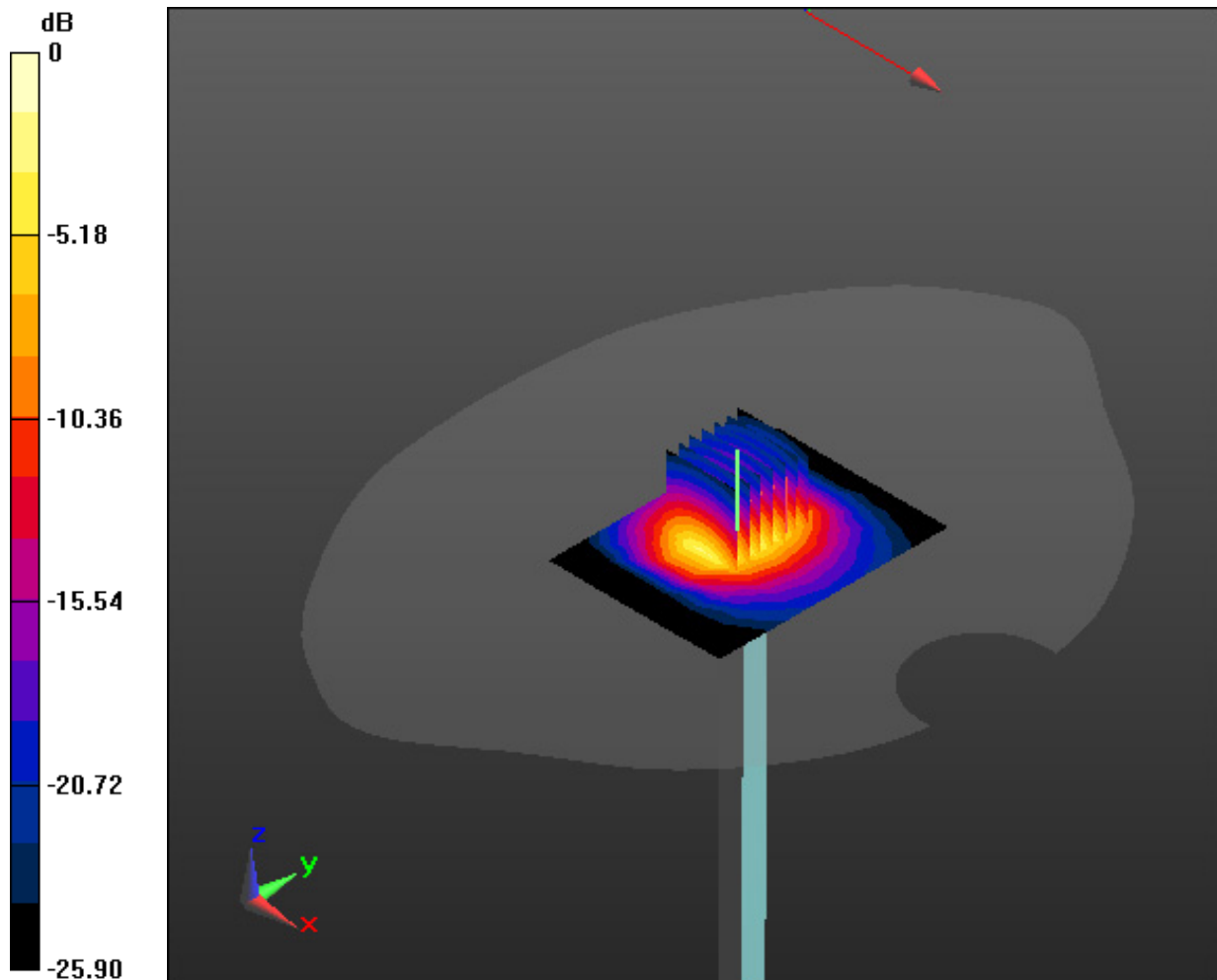
### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-03-24; Ambient Temp: 20.4; Tissue Temp: 21.0

### **2450 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 = -0.14 dB  
Peak SAR (extrapolated) = 7.08 W/kg  
**SAR(1 g) = 5.21 W/kg; SAR(10 g) = 2.36 W/kg**



0 dB = 6.36 W/kg

# DT&C Co., Ltd.

**DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.974$  S/m;  $\epsilon_r = 38.462$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.38, 7.38, 7.38); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-01; Ambient Temp: 21.2; Tissue Temp: 21.1

## **2600 MHz System Verification (100 mW)**

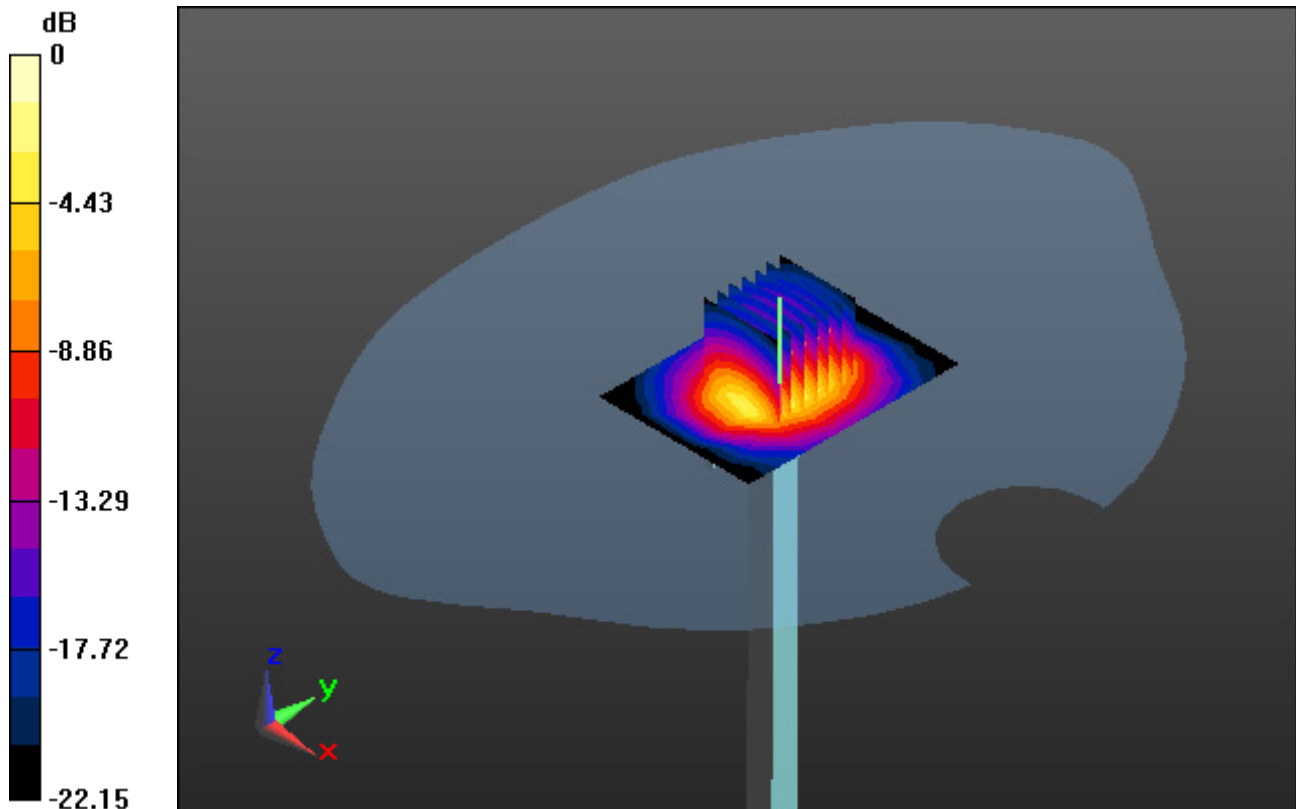
**Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 5.44 W/kg; SAR(10 g) = 2.49 W/kg



0 dB = 8.9 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1016**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.942$  S/m;  $\epsilon_r = 38.551$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

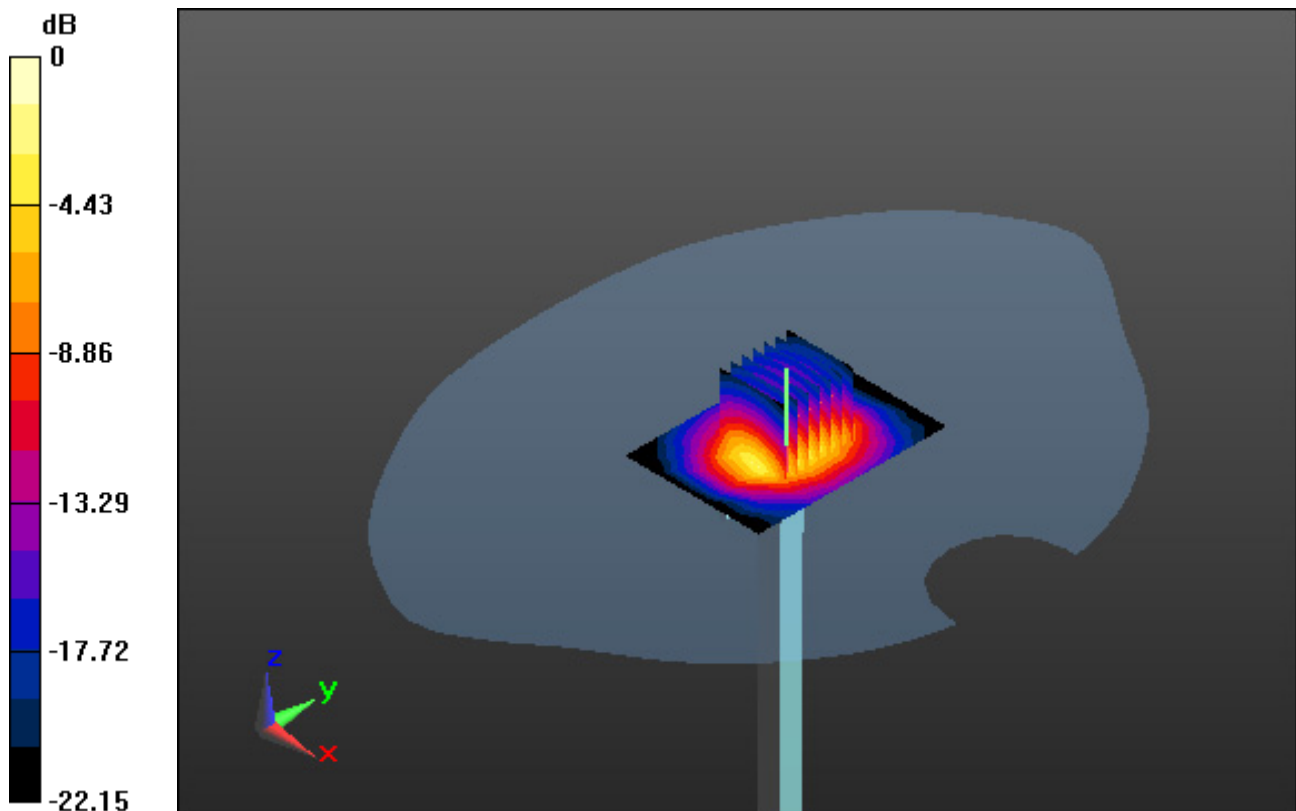
### **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-01; Ambient Temp: 20.7; Tissue Temp: 20.6

### **2600 MHz System Verification (100 mW)**

**Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm  
**/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 12.1 W/kg  
SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.46 W/kg



0 dB = 8.3 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.603$  S/m;  $\epsilon_r = 35.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.09, 5.09, 5.09); Calibrated: 5/27/2020 Electronics: DAE4 Sn1485  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-13; Ambient Temp: 20.9; Tissue Temp: 20.8

### **5200 MHz System Verification (100 mW)**

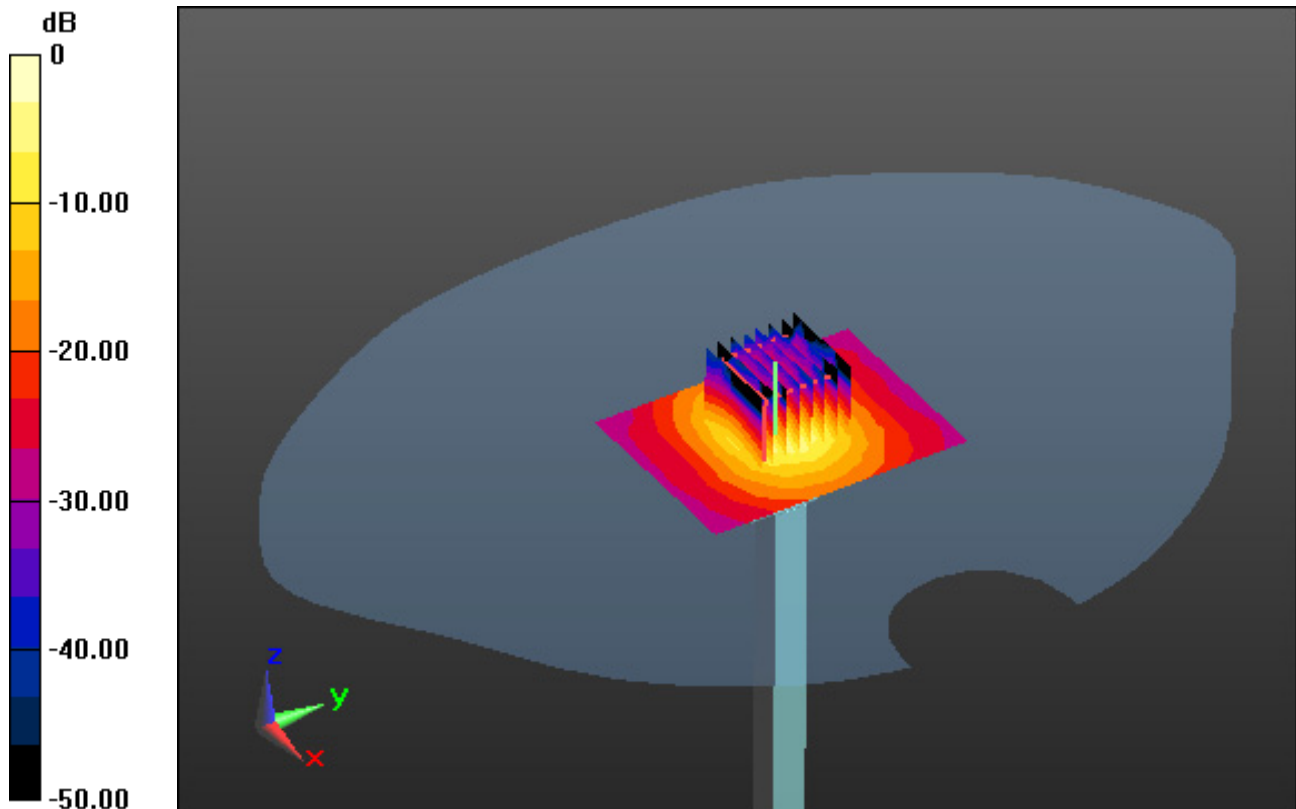
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 32.5 W/kg

**SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.23 W/kg**



0 dB = 17.8 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;  $\sigma = 4.726$  S/m;  $\epsilon_r = 35.296$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.89, 4.89, 4.89); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-13; Ambient Temp: 20.9; Tissue Temp: 20.8

### **5300 MHz System Verification (100 mW)**

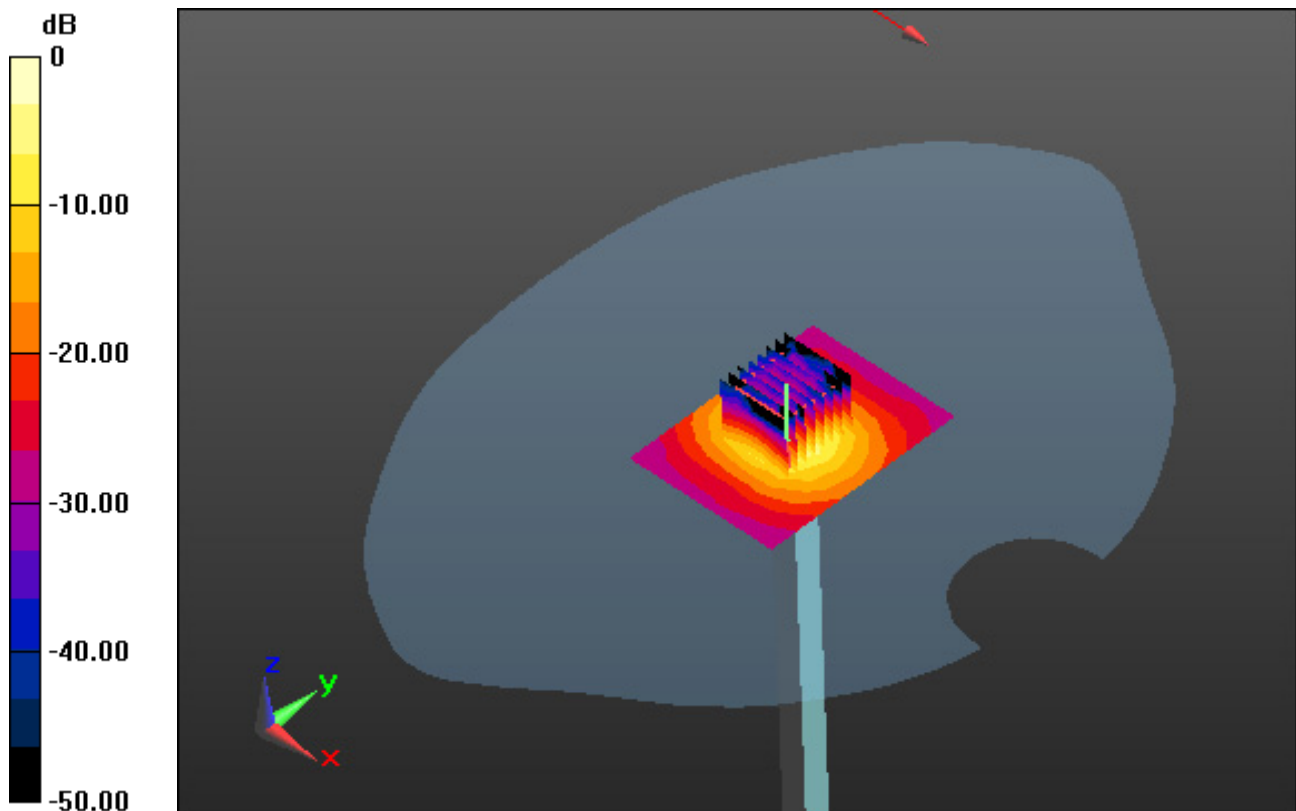
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.4 W/kg

**SAR(1 g) = 8.16 W/kg; SAR(10 g) = 2.33 W/kg**



0 dB = 18.1 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;  $\sigma = 5.029$  S/m;  $\epsilon_r = 36.711$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.51, 4.51, 4.51); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-20; Ambient Temp: 20.4; Tissue Temp: 20.3

### **5500 MHz System Verification (100 mW)**

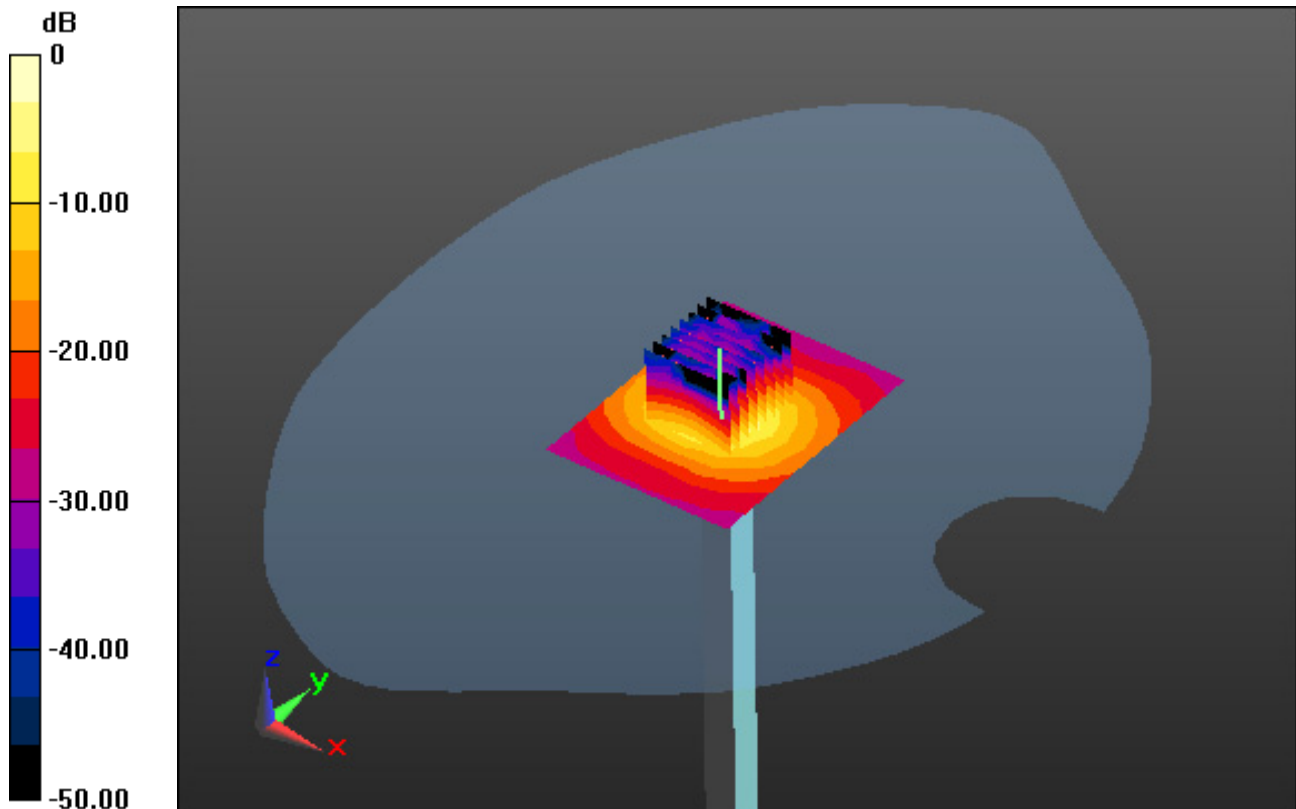
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 32.8 W/kg

**SAR(1 g) = 8.4 W/kg; SAR(10 g) = 2.38 W/kg**



0 dB = 18.0 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;  $\sigma = 5.167$  S/m;  $\epsilon_r = 36.484$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.42, 4.42, 4.42); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-20; Ambient Temp: 20.4; Tissue Temp: 20.3

### **5600 MHz System Verification (100 mW)**

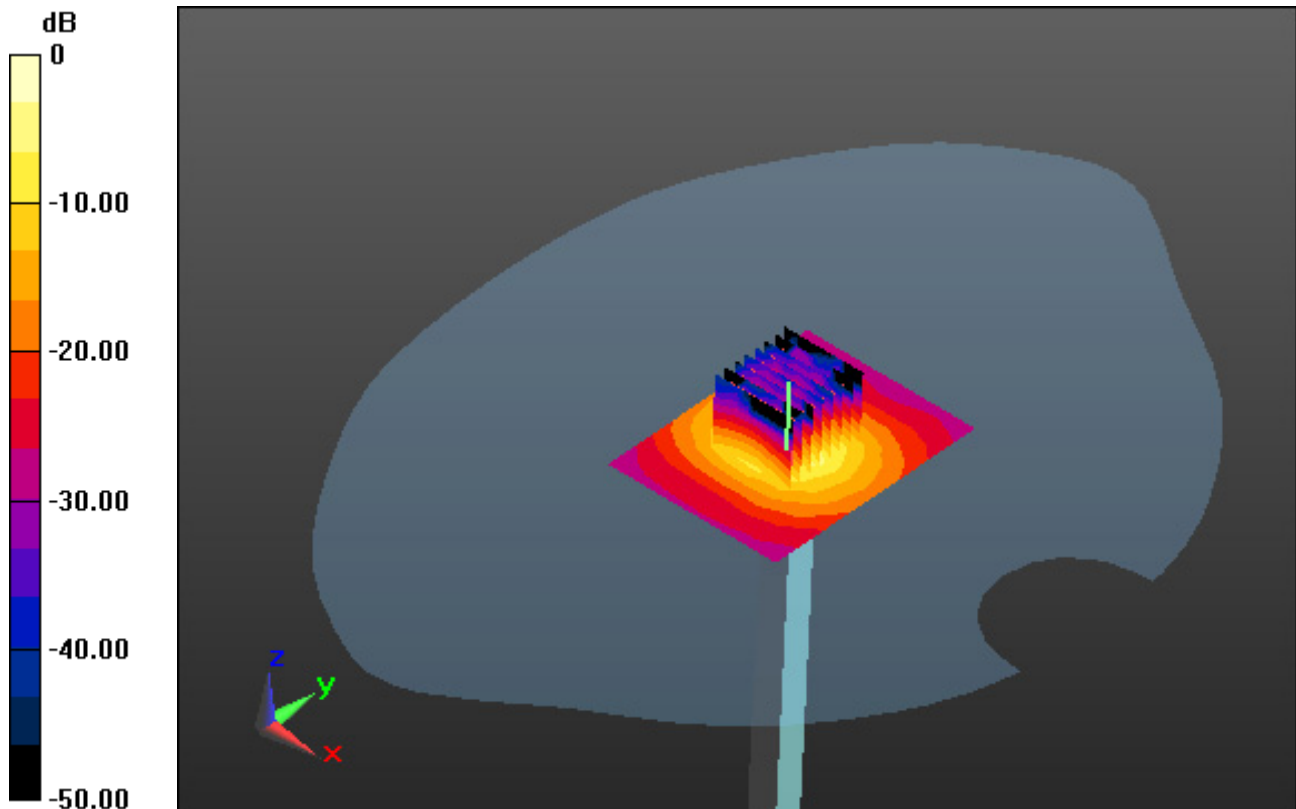
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 33.2 W/kg

**SAR(1 g) = 8.44 W/kg; SAR(10 g) = 2.43 W/kg**



0 dB = 18.4 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;  $\sigma = 5.403$  S/m;  $\epsilon_r = 36.040$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-20; Ambient Temp: 20.4; Tissue Temp: 20.3

### **5800 MHz System Verification (100 mW)**

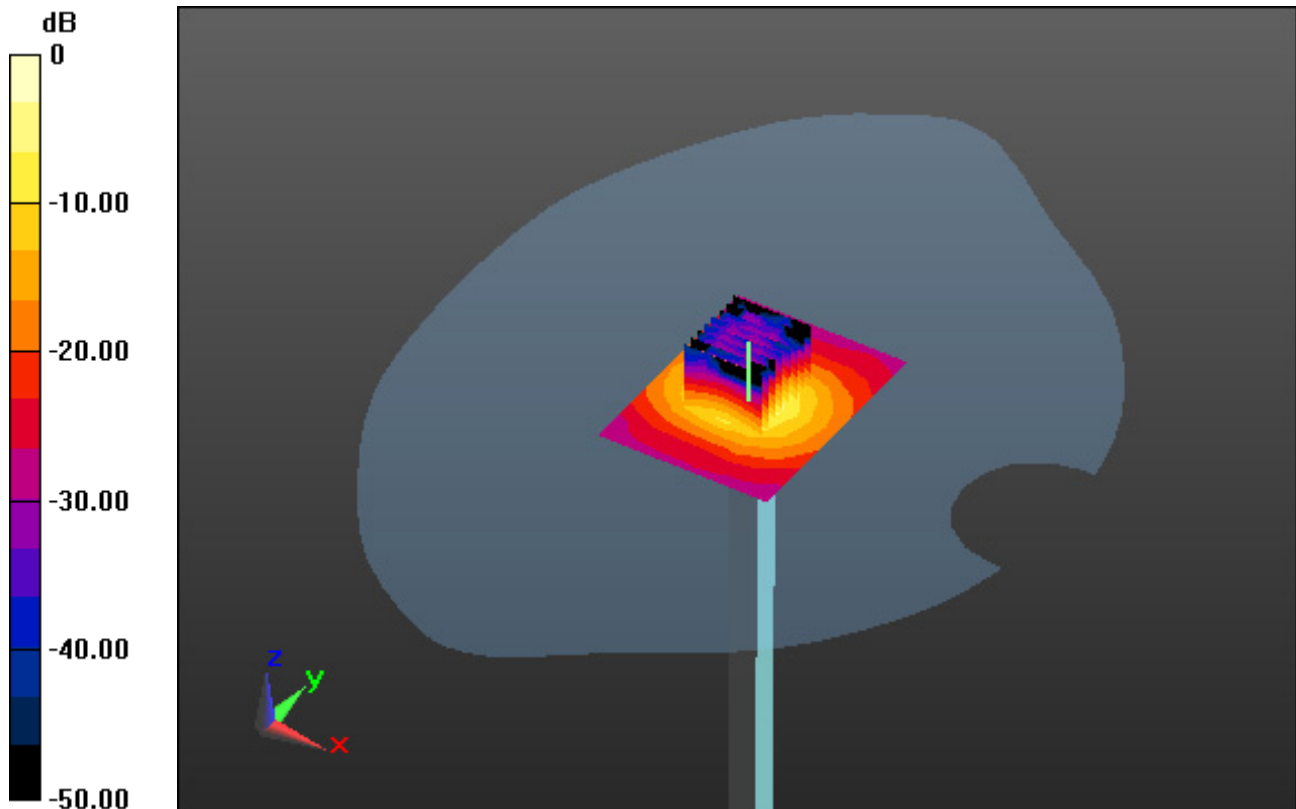
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 32.8 W/kg

**SAR(1 g) = 8.36 W/kg; SAR(10 g) = 2.31 W/kg**



0 dB = 17.9 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;  $\sigma = 5.341$  S/m;  $\epsilon_r = 34.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1396  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-21; Ambient Temp: 20.1; Tissue Temp: 20.0

### **5800 MHz System Verification (100 mW)**

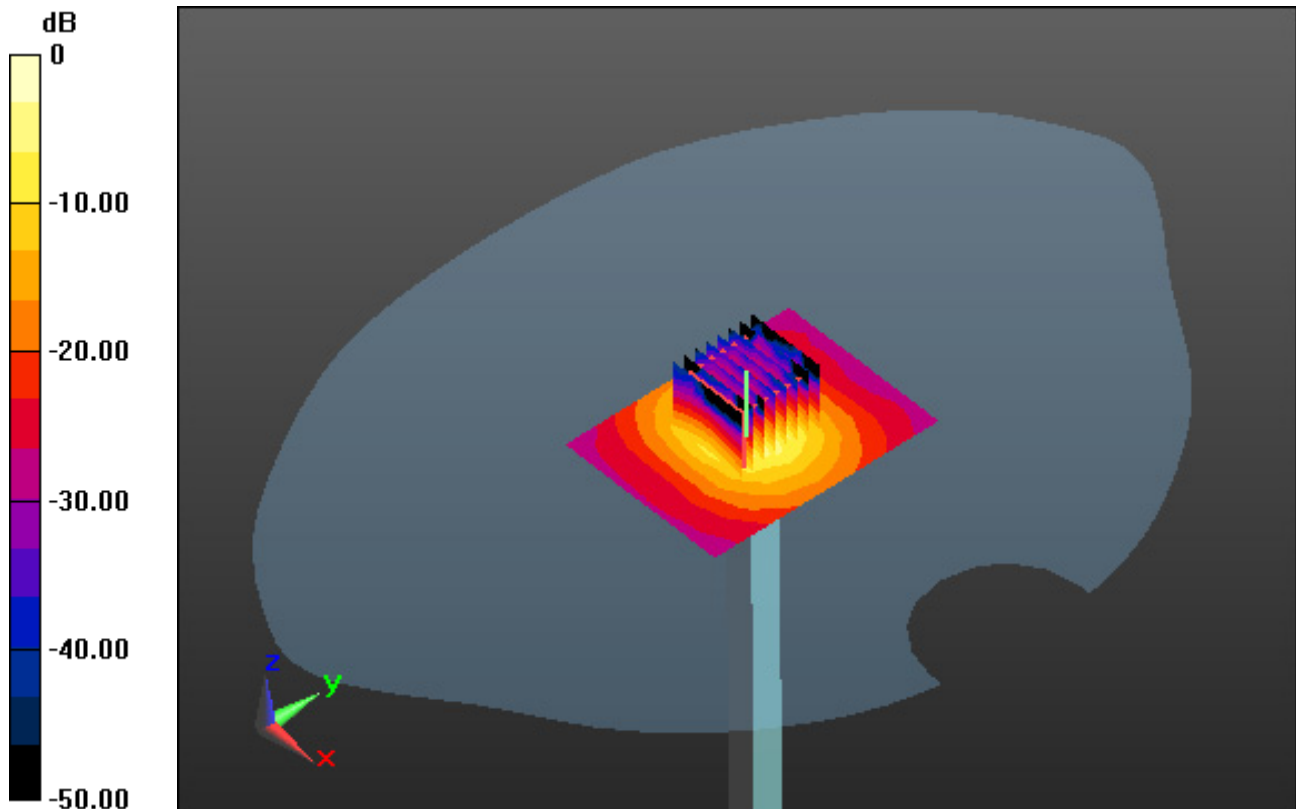
**Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 35.0 W/kg

**SAR(1 g) = 8.33 W/kg; SAR(10 g) = 2.37 W/kg**



0 dB = 19.2 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, GSM850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.859$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

## **Left Touch, GSM850 Ch.190, Ant Internal, Standard Battery**

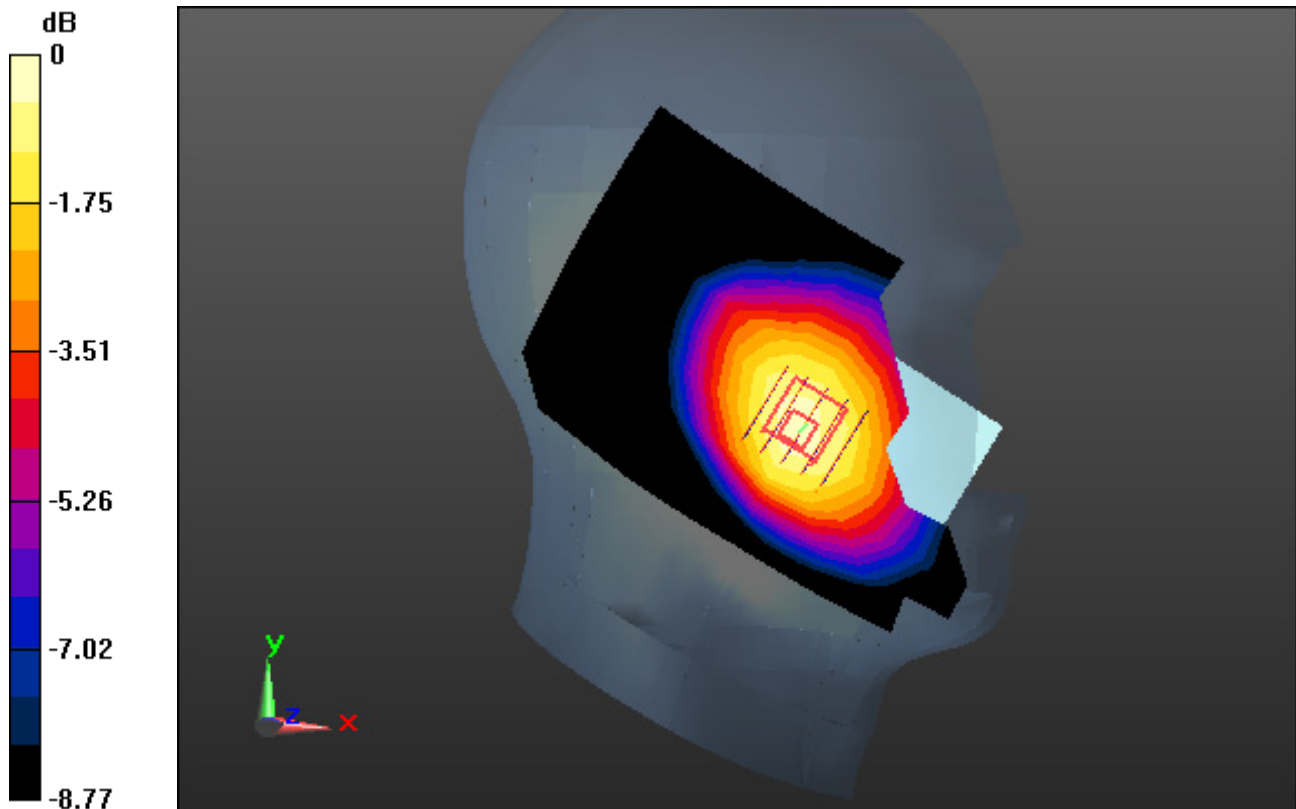
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.605 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.336 W/kg



0 dB = 0.480 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, GSM850 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.859$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

**Left Touch, GSM850 GPRS 2 Tx Ch.190, Ant Internal, Standard Battery**

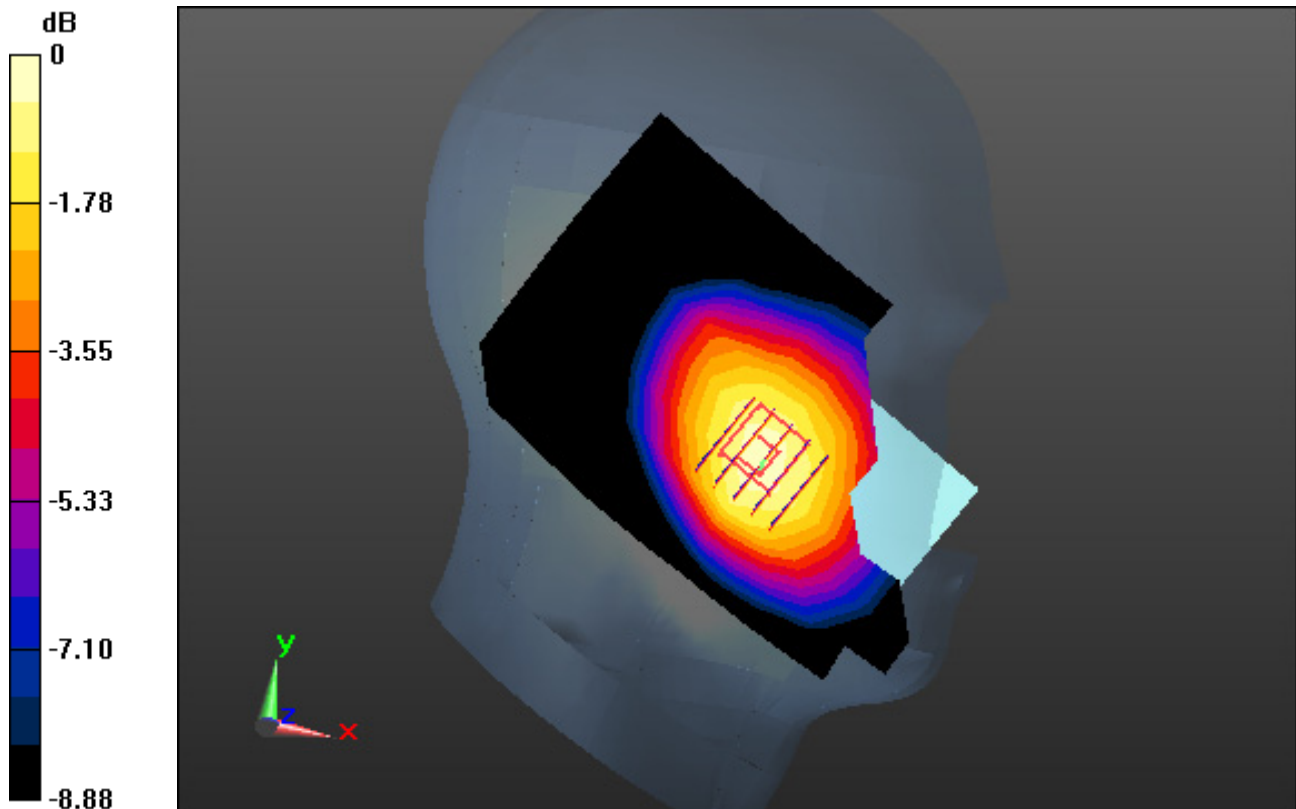
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.669 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.412 W/kg



0 dB = 0.587 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

## **Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

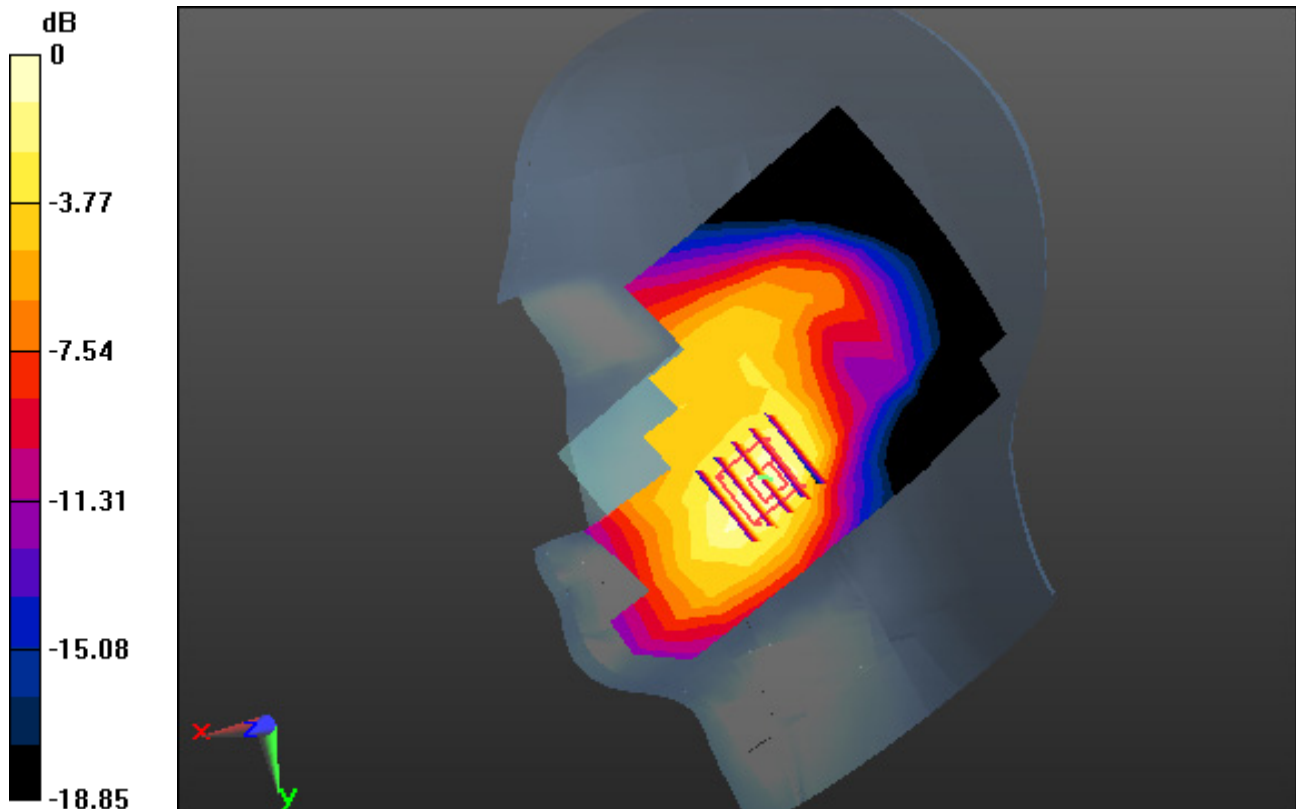
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.475 W/kg

**SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.175 W/kg**



0 dB = 0.351 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, PCS 1900 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

**Right Touch, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal, Standard Battery**

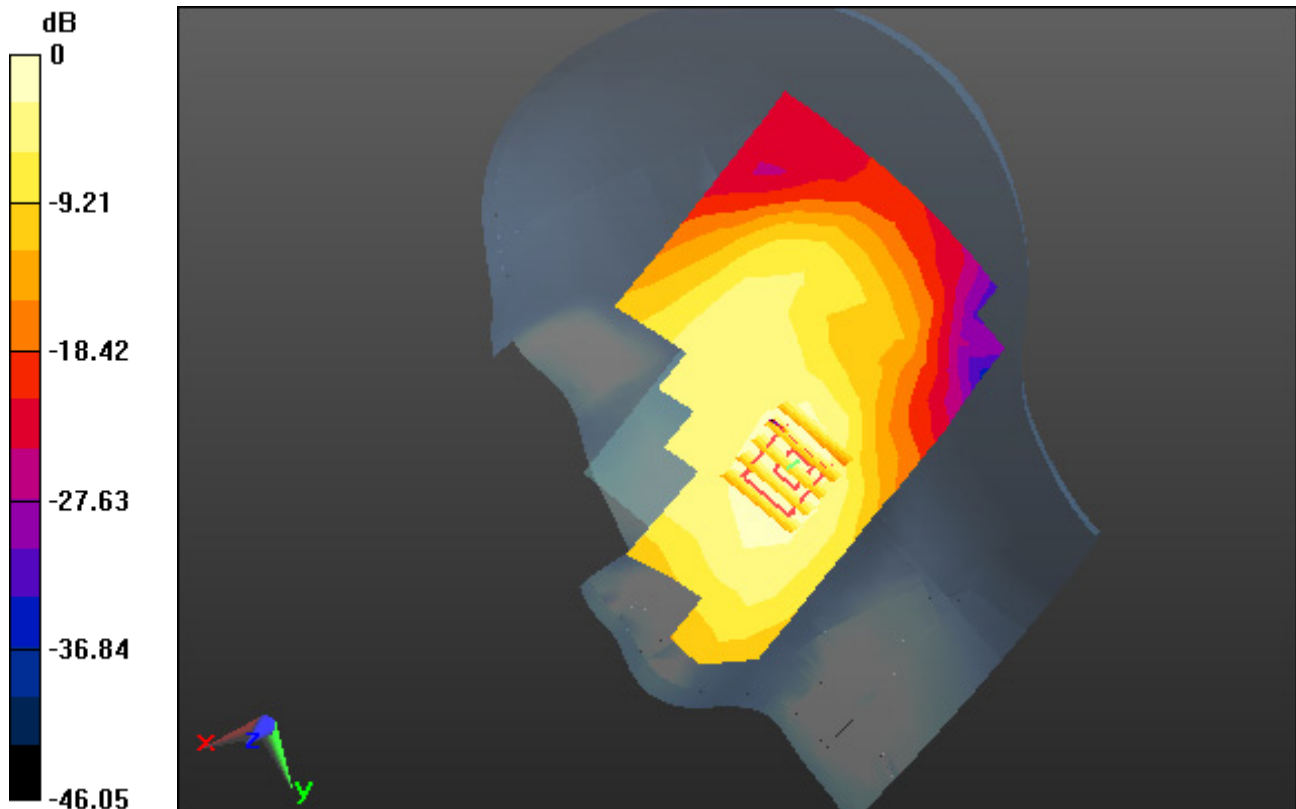
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.296 W/kg



0 dB = 0.593 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.927 \text{ S/m}$ ;  $\epsilon_r = 42.859$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

**Left Touch, WCDMA Band 5 Ch. 4183, Ant Internal, Standard Battery**

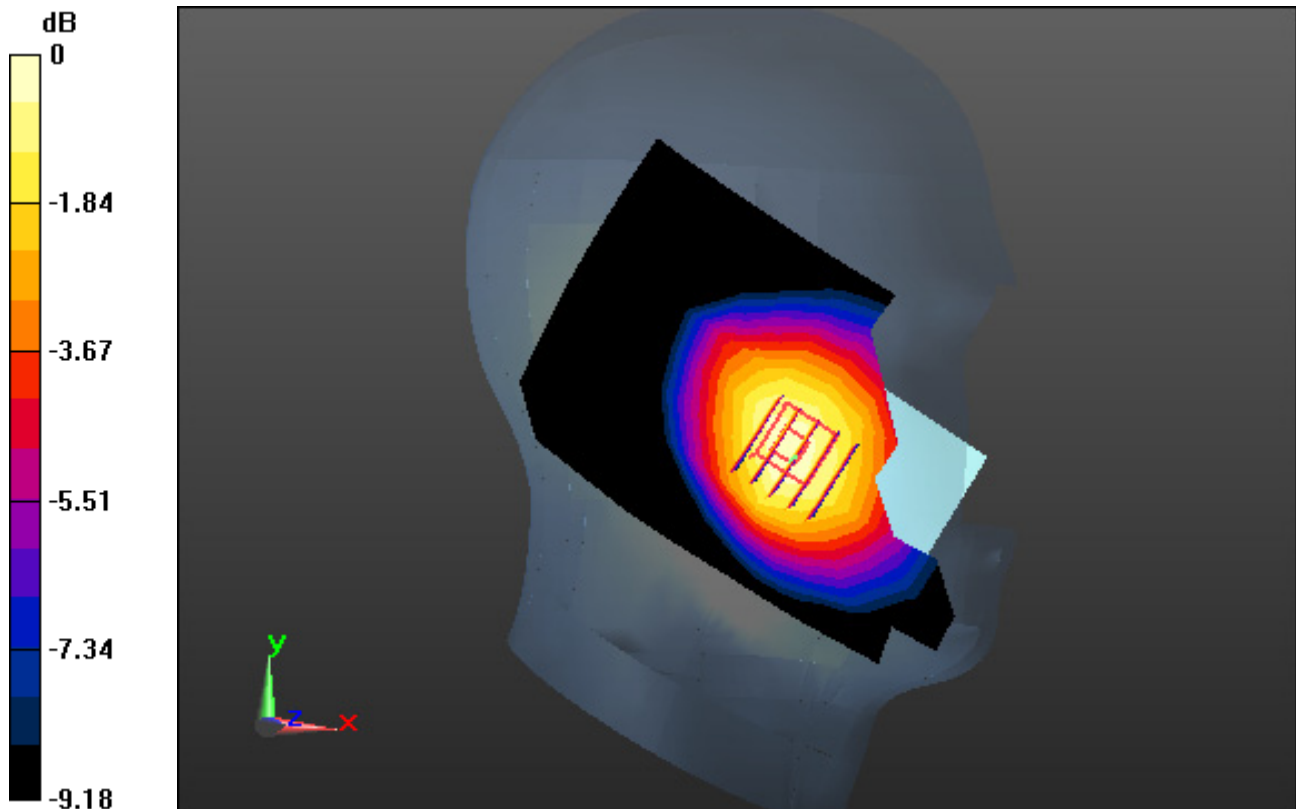
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.269 W/kg

**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.168 W/kg**



0 dB = 0.237 W/kg



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.332$  S/m;  $\epsilon_r = 40.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

**Right Touch, WCDMA Band 4 Ch. 1412, Ant Internal, Standard Battery**

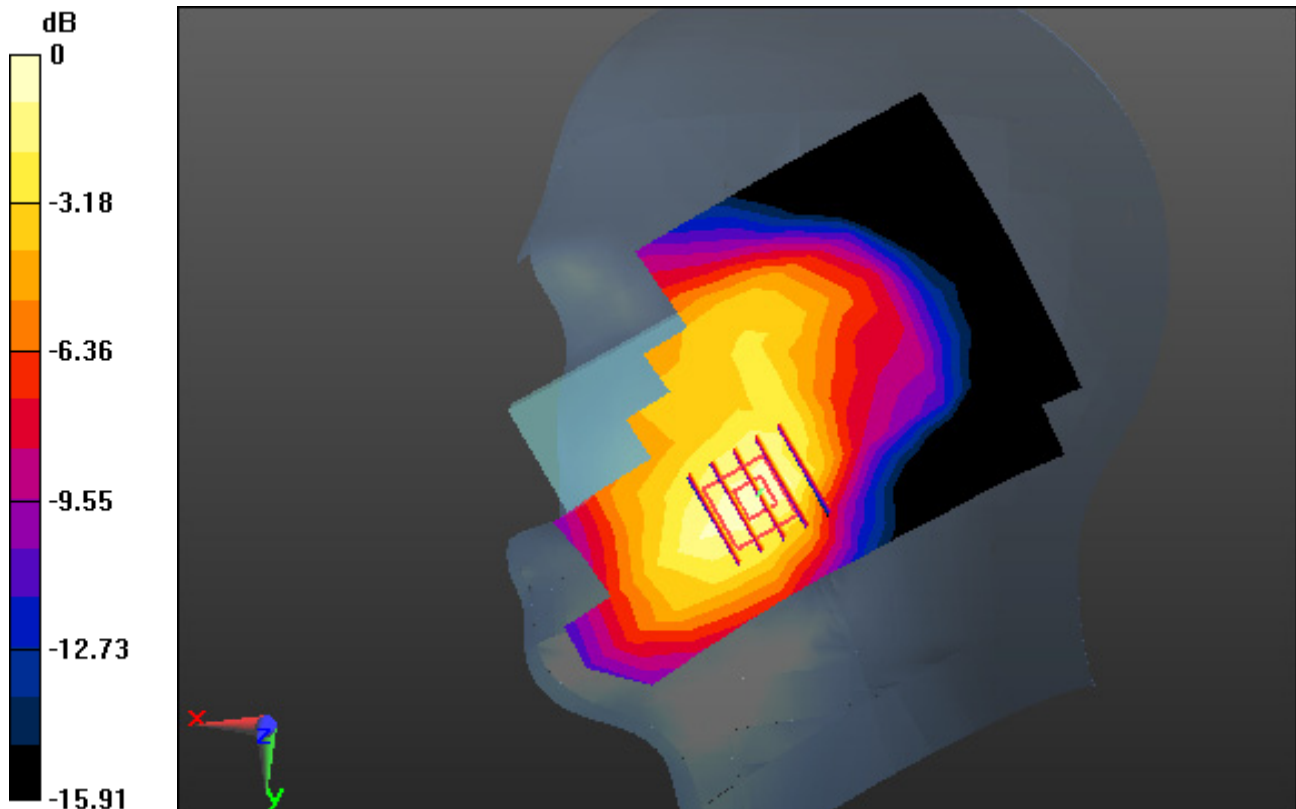
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.598 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

**Right Touch, WCDMA Band 2 Ch. 9400, Ant Internal, Standard Battery**

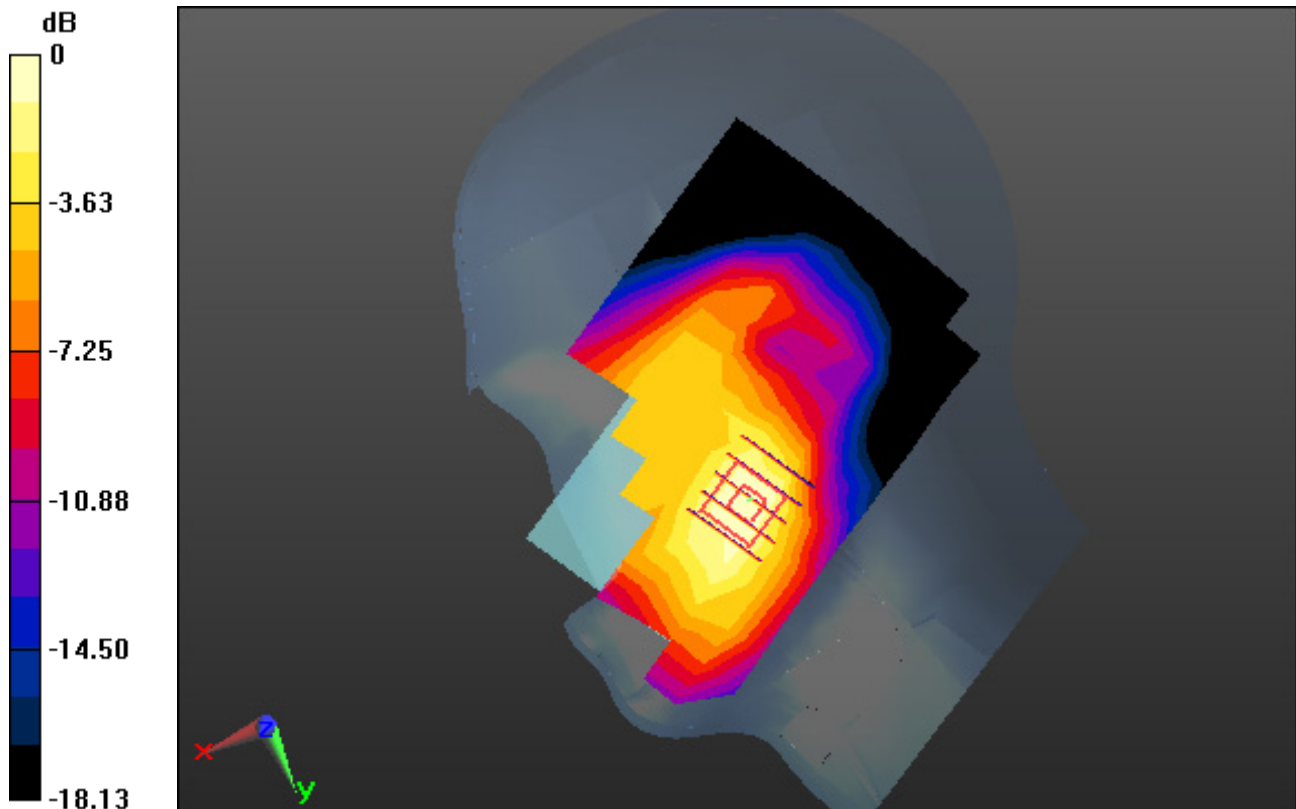
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.875 W/kg

**SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.329 W/kg**



0 dB = 0.660 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.864 \text{ S/m}$ ;  $\epsilon_r = 42.199$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

**Left Touch, LTE Band 12 Ch. 23095, Ant Internal, Standard Battery**

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

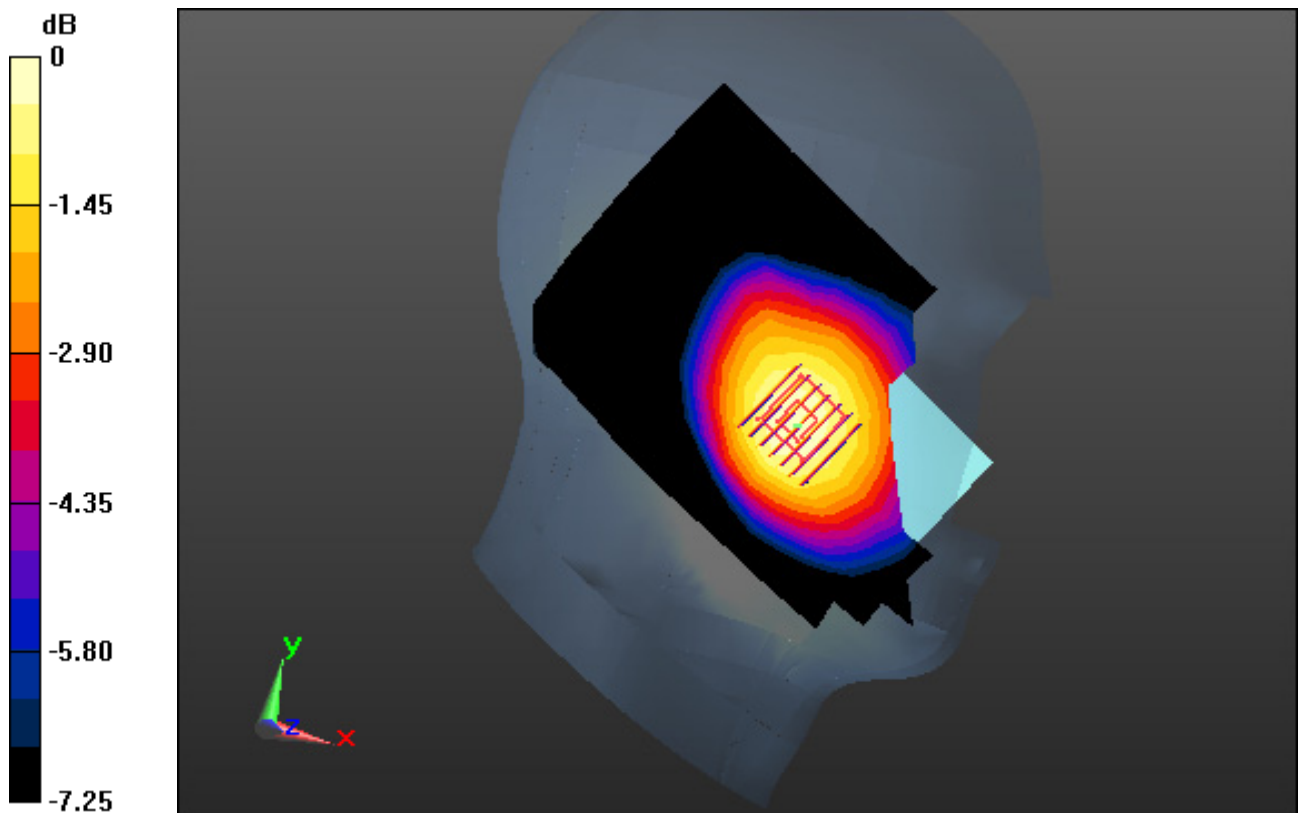
**Area Scan (11x18x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.177 W/kg



0 dB = 0.238 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.928 \text{ S/m}$ ;  $\epsilon_r = 41.528$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

**Left Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery**

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

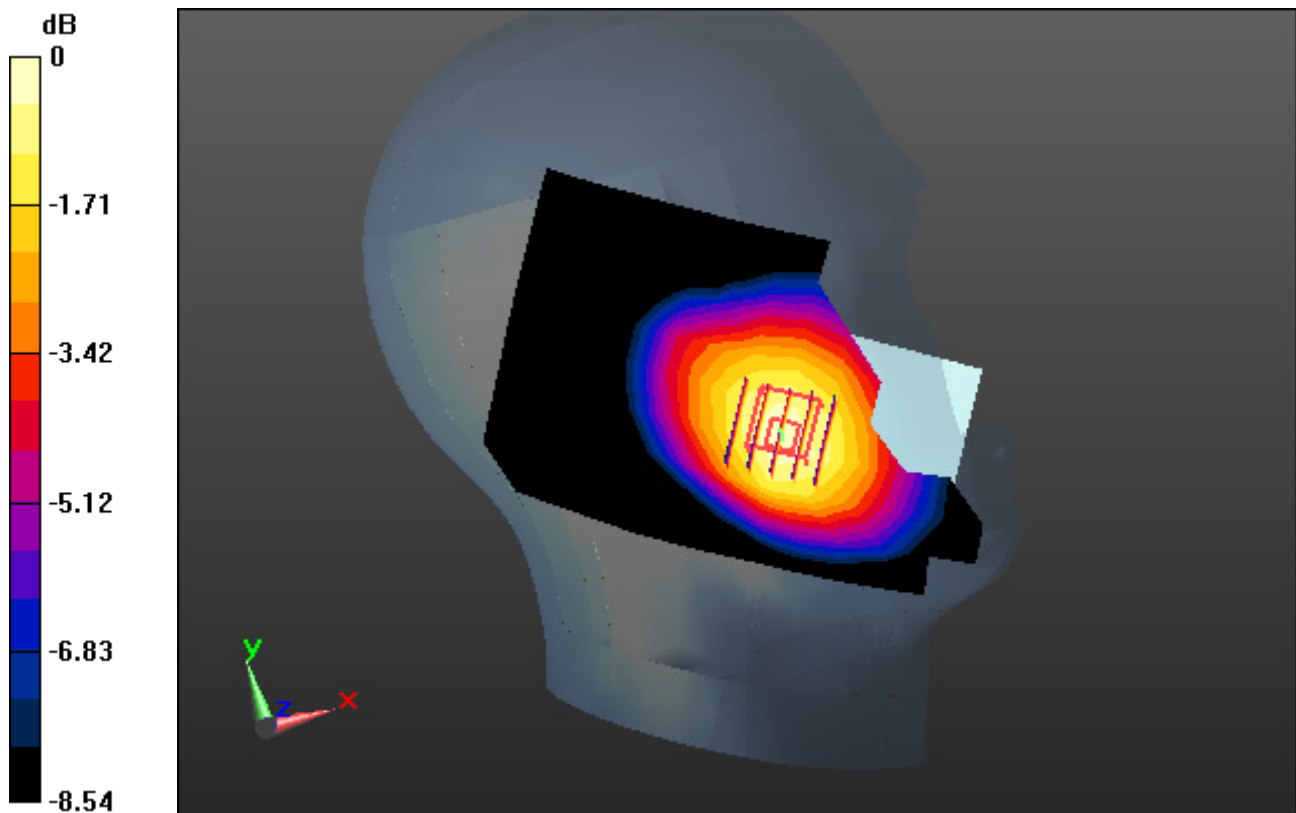
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.208 W/kg**



0 dB = 0.290 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.921 \text{ S/m}$ ;  $\epsilon_r = 41.777$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020; Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**Left Touch, LTE Band 14 Ch. 23330, Ant Internal, Standard Battery**

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

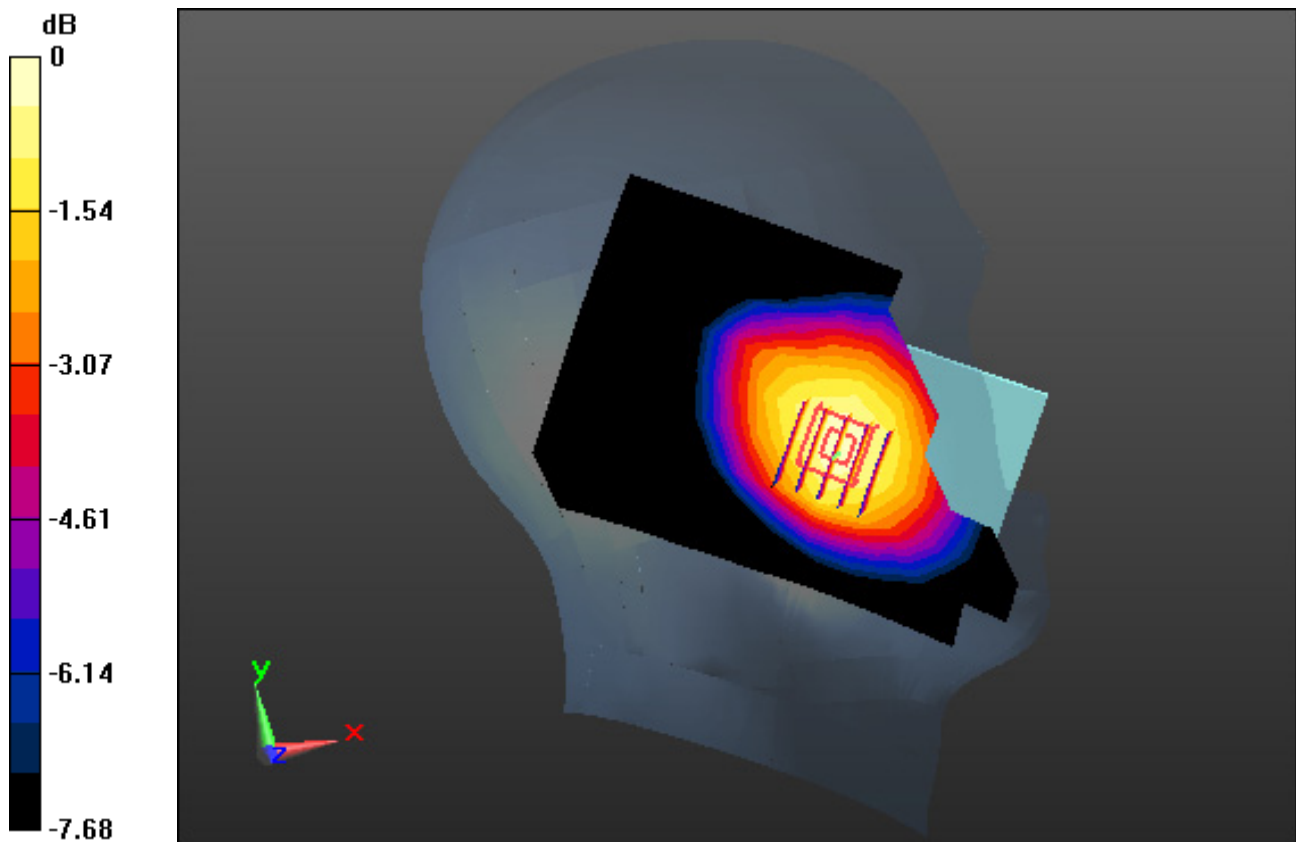
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.201 W/kg**



0 dB = 0.285 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.917 \text{ S/m}$ ;  $\epsilon_r = 42.826$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Left Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-03-10; Ambient Temp: 21.2; Tissue Temp: 21.1

**Left Touch, LTE Band 26 Ch. 26865, Ant Internal, Standard Battery**

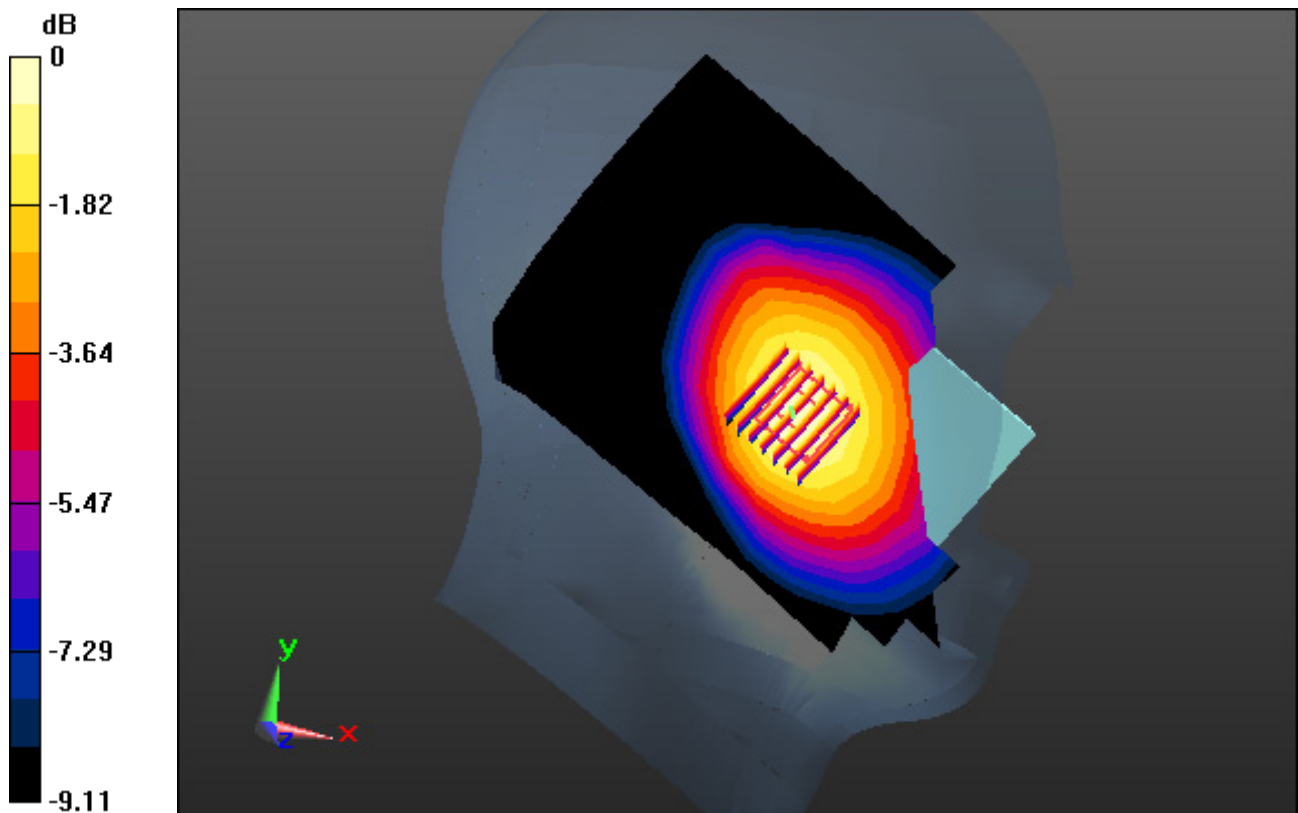
**Mode : BandWidth 15 MHz, QPSK, RB Size: 1**

**Area Scan (11x18x1):** 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 = 0.12 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.351 W/kg



0 dB = 0.508 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.342$  S/m;  $\epsilon_r = 39.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.34, 5.34, 5.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

**Right Touch, LTE Band 66 Ch. 132322, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

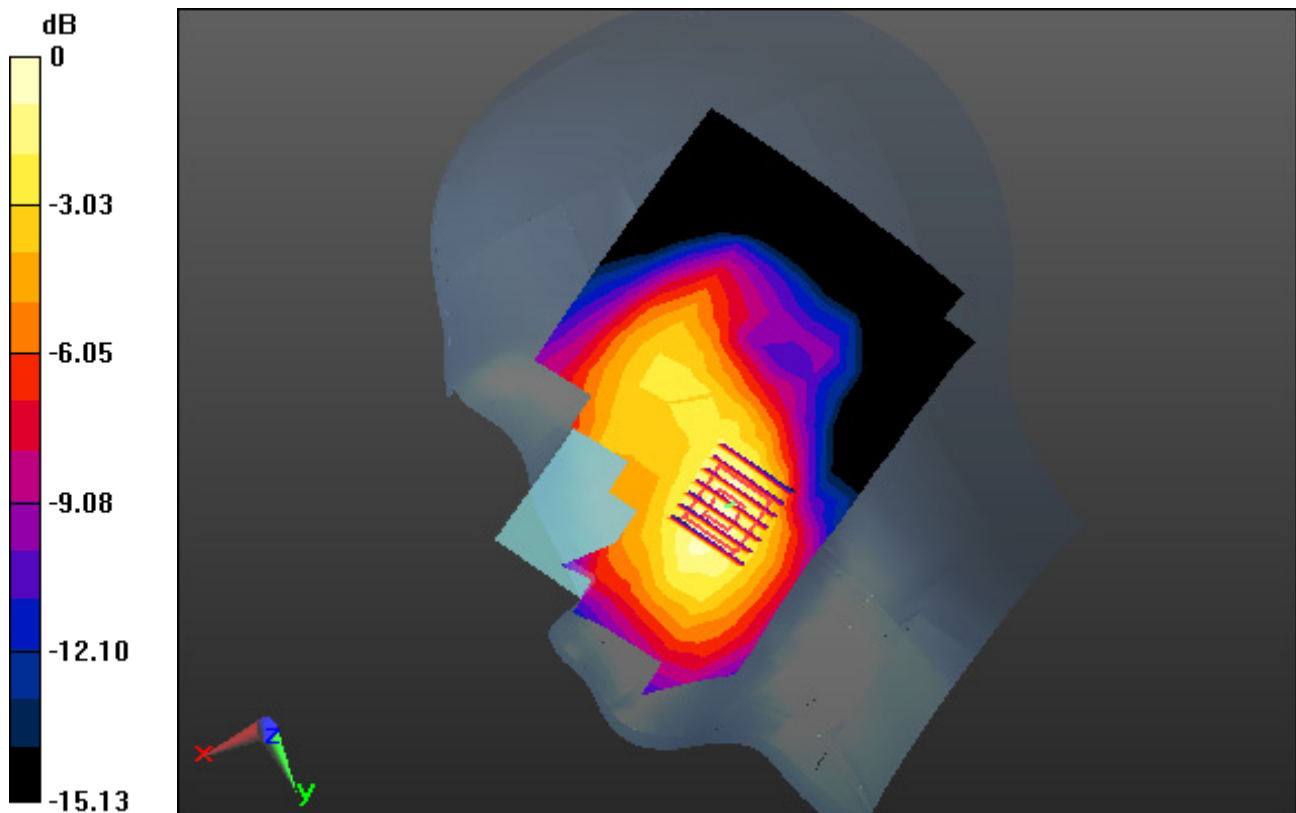
**Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.410 W/kg



0 dB = 0.764 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.916$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.09, 5.09, 5.09); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-11; Ambient Temp: 20.7; Tissue Temp: 20.6

**Right Touch, LTE Band 25 Ch. 26365, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

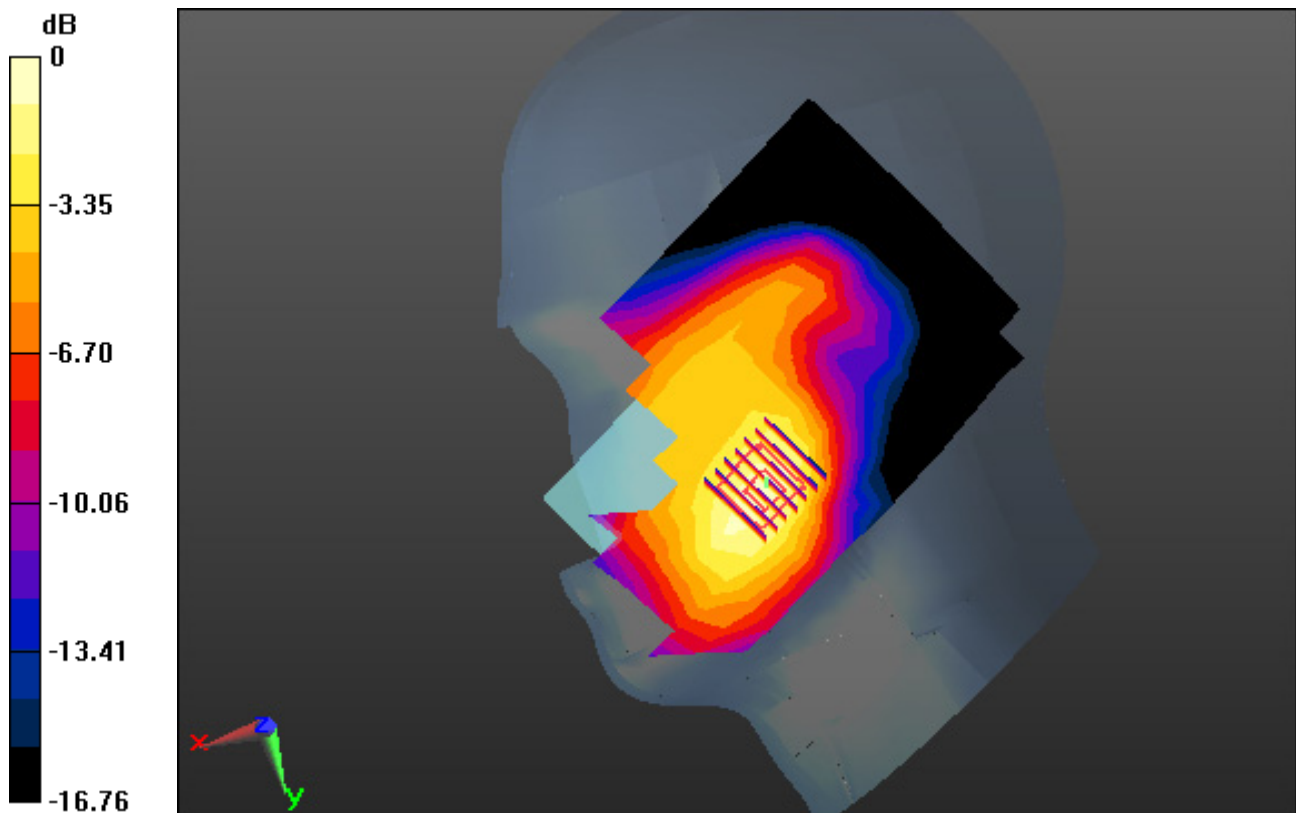
**Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.417 W/kg



0 dB = 0.828 W/kg



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 7 (CE) (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.903 \text{ S/m}$ ;  $\epsilon_r = 38.694$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.38, 7.38, 7.38); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-01; Ambient Temp: 21.2; Tissue Temp: 21.1

**Right Touch, LTE Band 7 Ch. 21100, Ant Internal, Standard Battery**

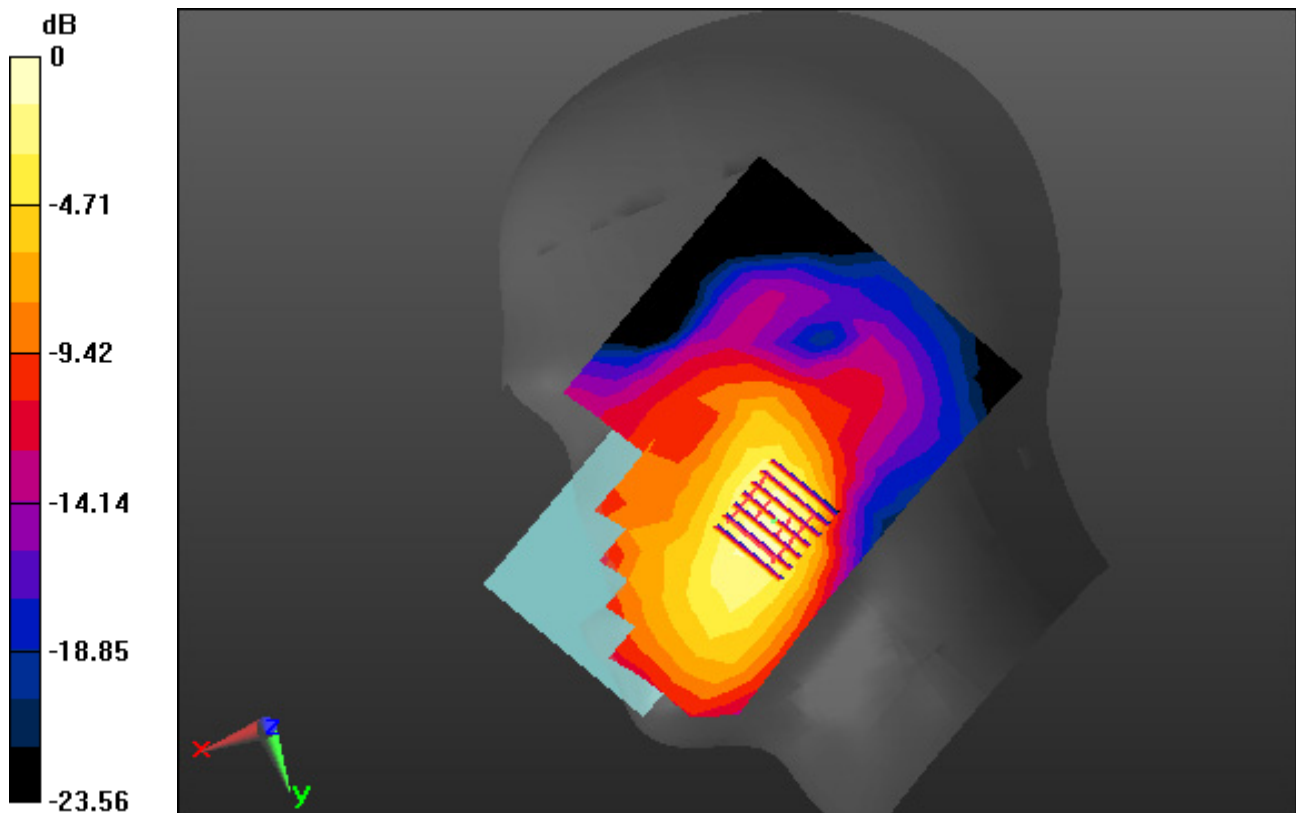
**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

**Area Scan (11x18x1):** 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 = 0.18 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.403 W/kg**



0 dB = 1.09 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 41[FCC] (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.937$  S/m;  $\epsilon_r = 38.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-01; Ambient Temp: 20.7; Tissue Temp: 20.6

**Right Touch, LTE Band 41 Ch. 40620, Ant Internal, Standard Battery**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

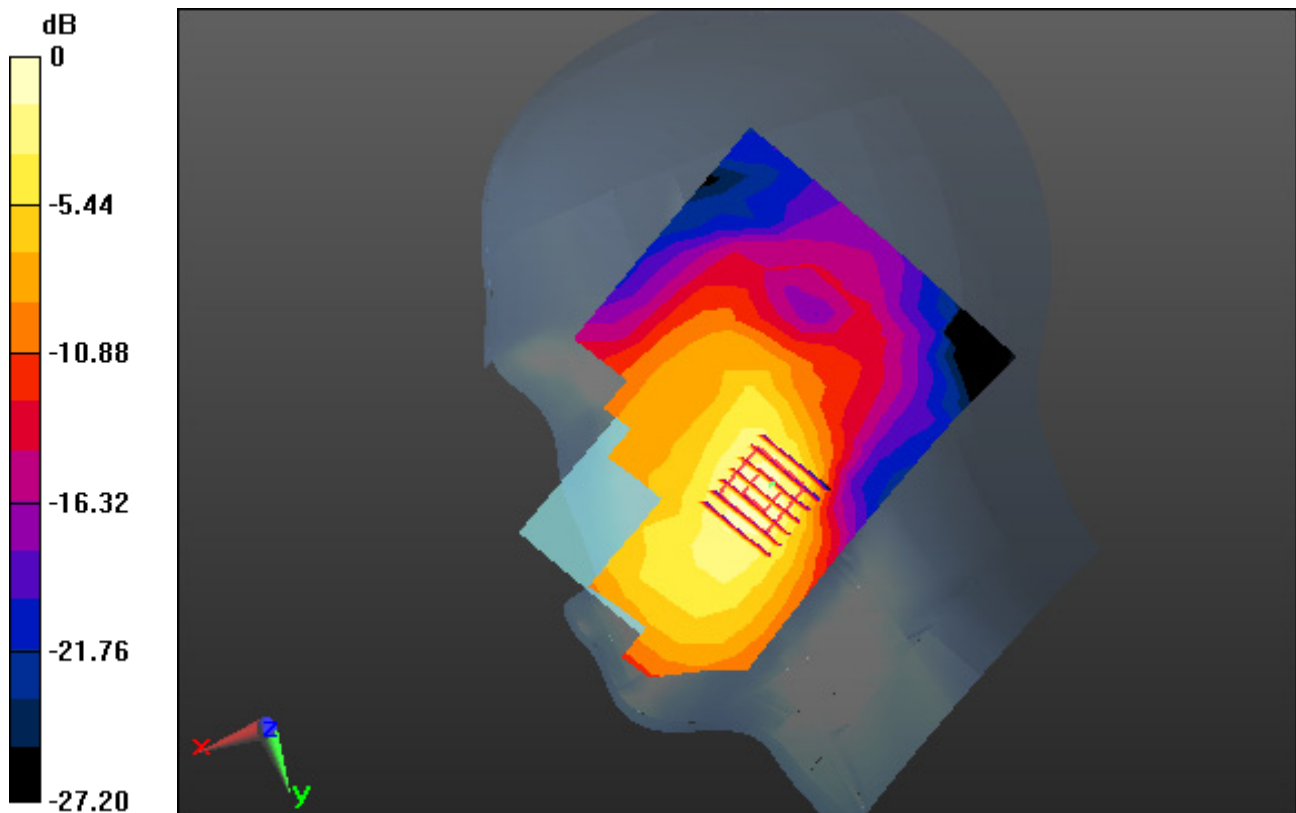
**Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.853 W/kg

**SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.249 W/kg**



0 dB = 0.587 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.788$  S/m;  $\epsilon_r = 40.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-12; Ambient Temp: 20.1; Tissue Temp: 20.0

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

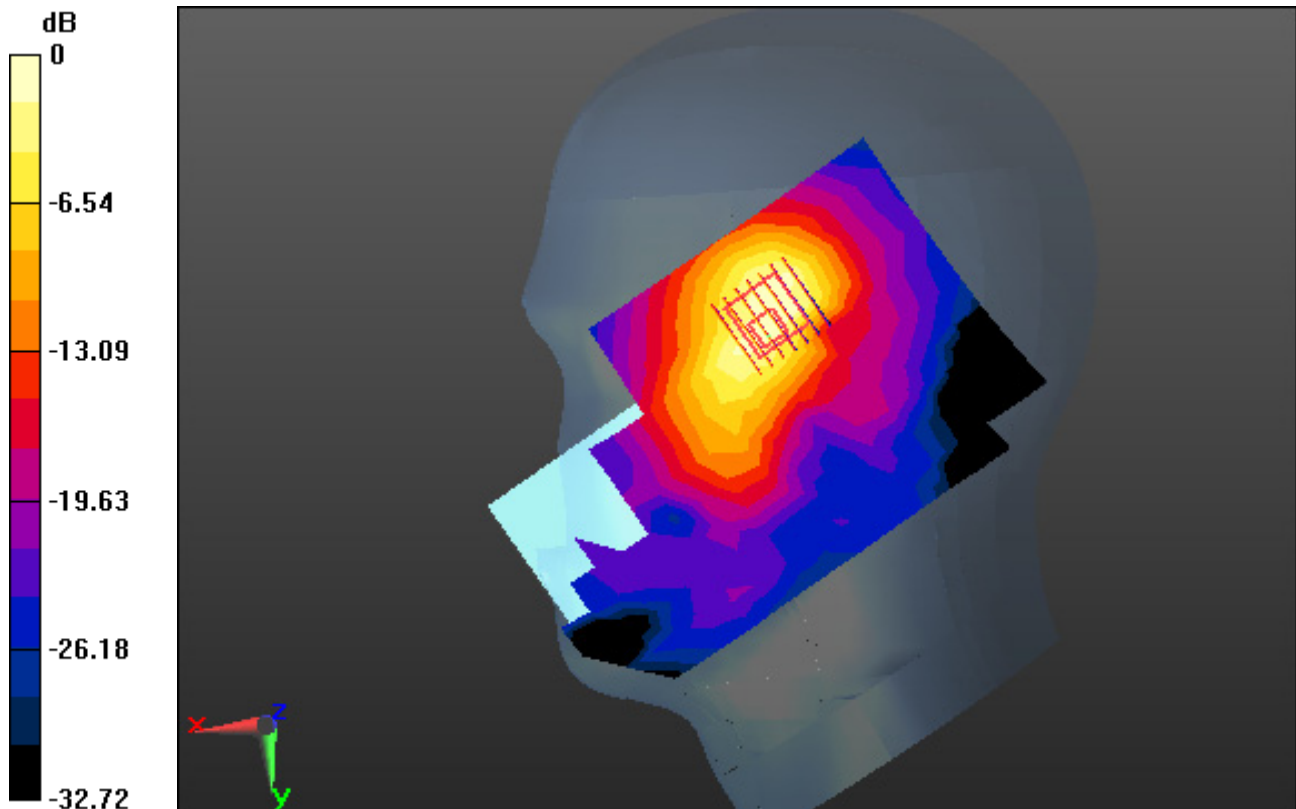
**Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.348 W/kg



0 dB = 0.982 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WLAN\_802.11n-HT40\_5GHz (0); Frequency: 5270 MHz;Duty Cycle: 1:1  
Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.695$  S/m;  $\epsilon_r = 35.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.89, 4.89, 4.89); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-13; Ambient Temp: 20.9; Tissue Temp: 20.8

## **Right Touch, WLAN(802.11n HT40) Ch. 54, Ant Internal, Standard Battery**

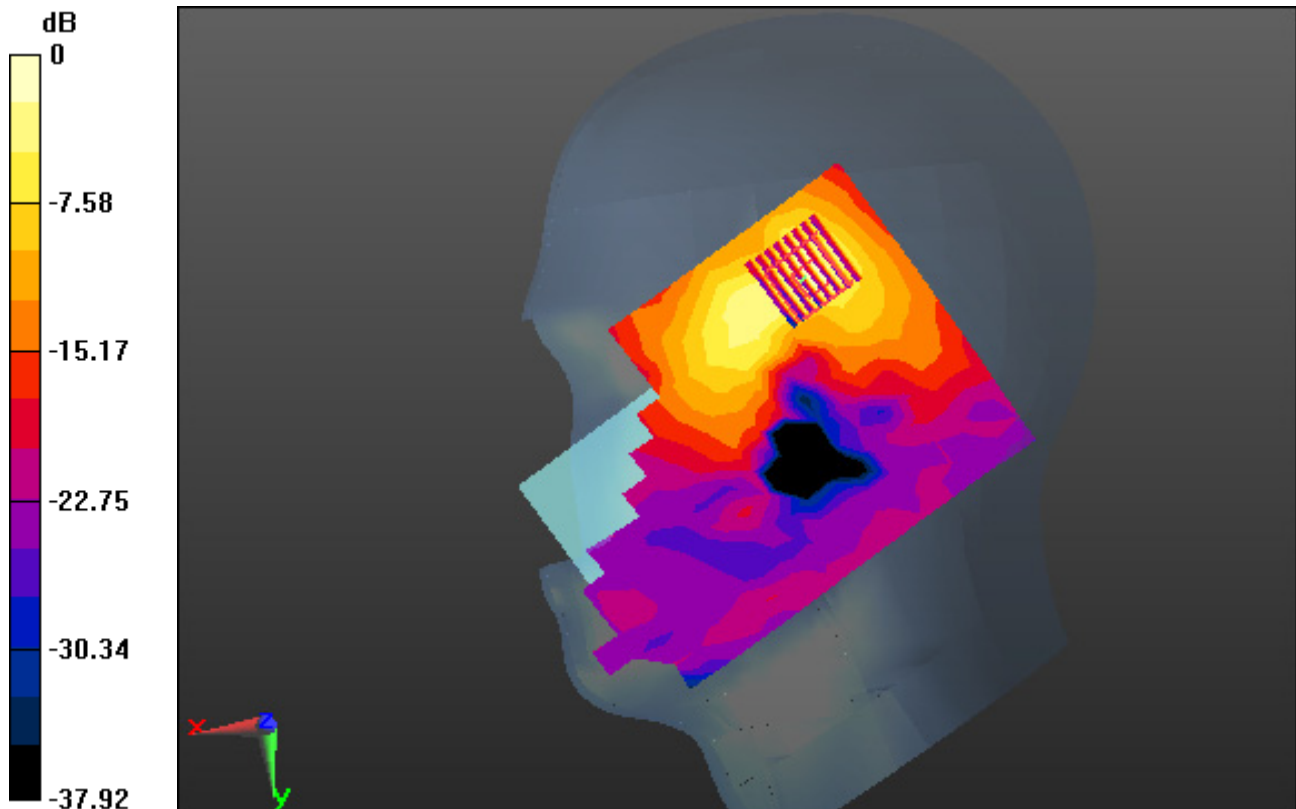
**Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 2.52 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 1.46 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5710$  MHz;  $\sigma = 5.304$  S/m;  $\epsilon_r = 36.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-20; Ambient Temp: 20.4; Tissue Temp: 20.3

**Right Touch, WLAN(802.11n HT40) Ch. 142, Ant Internal, Standard Battery**

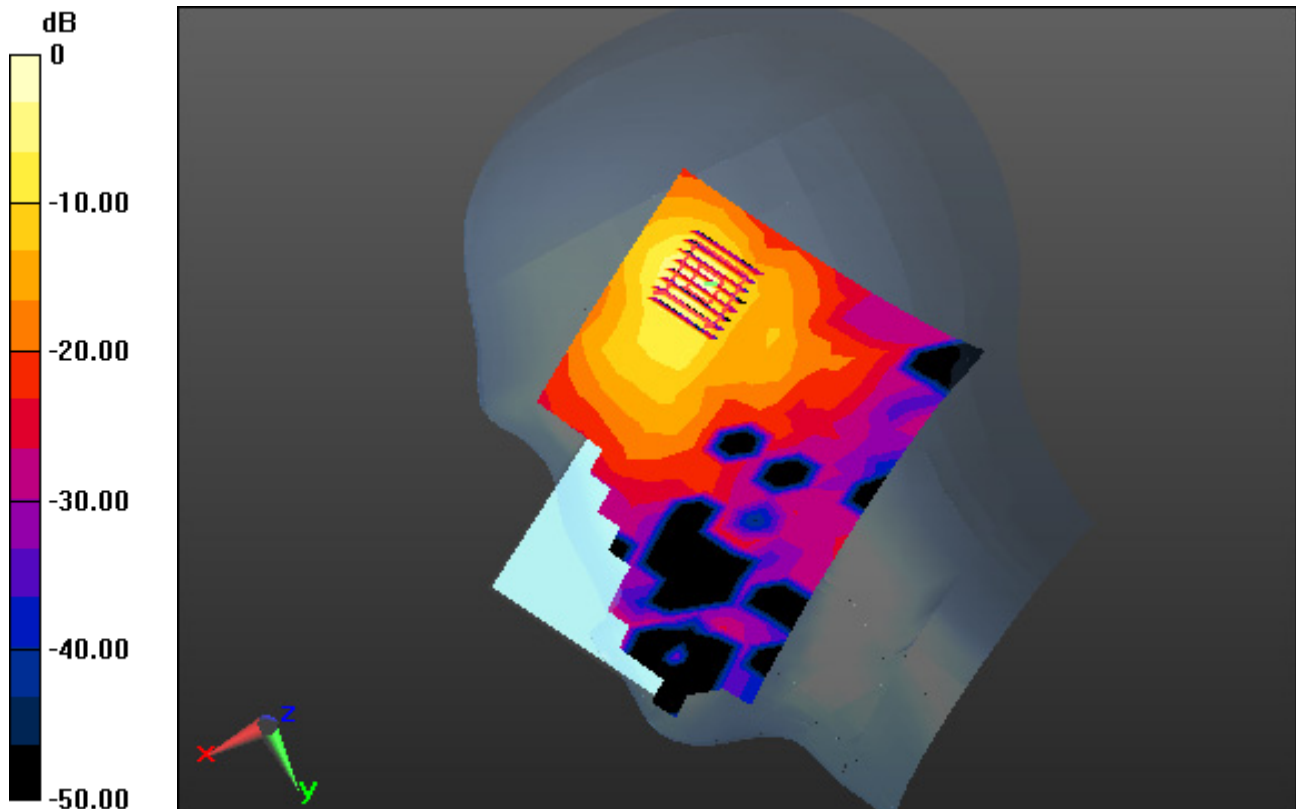
**Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.72 W/kg

SAR(1 g) = 0.991 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 3.35 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.036$  S/m;  $\epsilon_r = 36.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.51, 4.51, 4.51); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-20; Ambient Temp: 20.4; Tissue Temp: 20.3

**Right Touch, WLAN(802.11n HT40) Ch. 102, Ant Internal, Standard Battery**

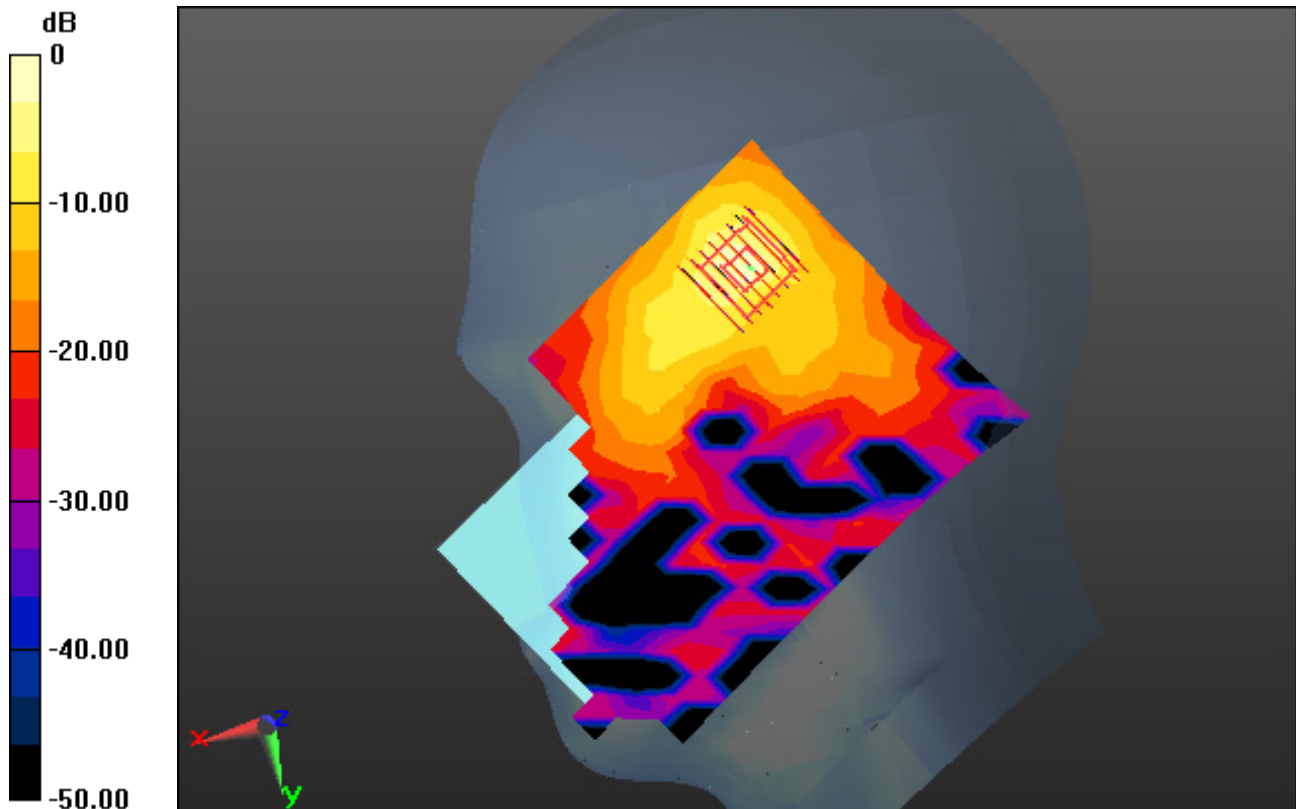
**Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 2.76 W/kg

SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.212 W/kg



0 dB = 1.68 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5795$  MHz;  $\sigma = 5.335$  S/m;  $\epsilon_r = 34.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-21; Ambient Temp: 20.1; Tissue Temp: 20.0

**Right Touch, WLAN(802.11n HT40) Ch. 159, Ant Internal, Standard Battery**

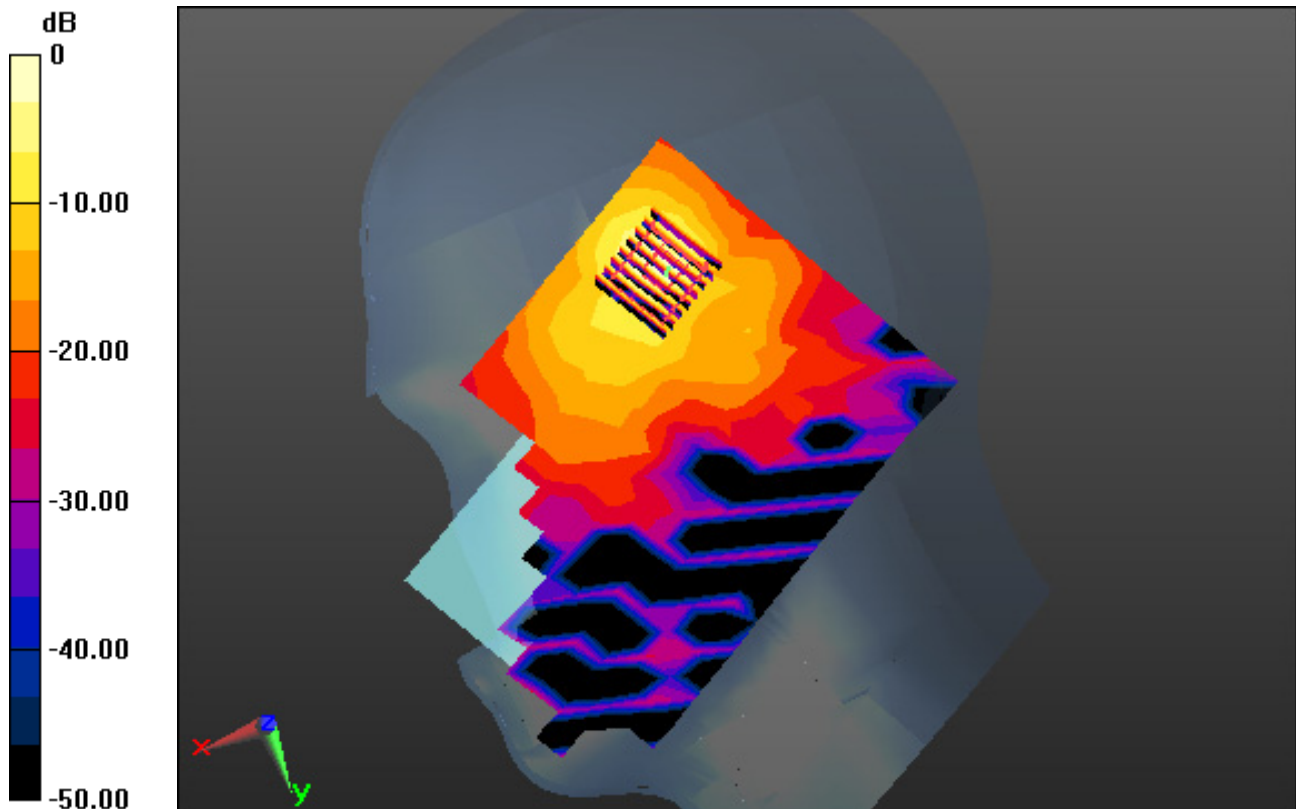
**Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 4.89 W/kg

**SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.332 W/kg**



0 dB = 2.82 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5795$  MHz;  $\sigma = 5.335$  S/m;  $\epsilon_r = 34.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-21; Ambient Temp: 20.1; Tissue Temp: 20.0

**Right Touch, WLAN(802.11n HT40) Ch. 159, Ant Internal, Standard Battery**

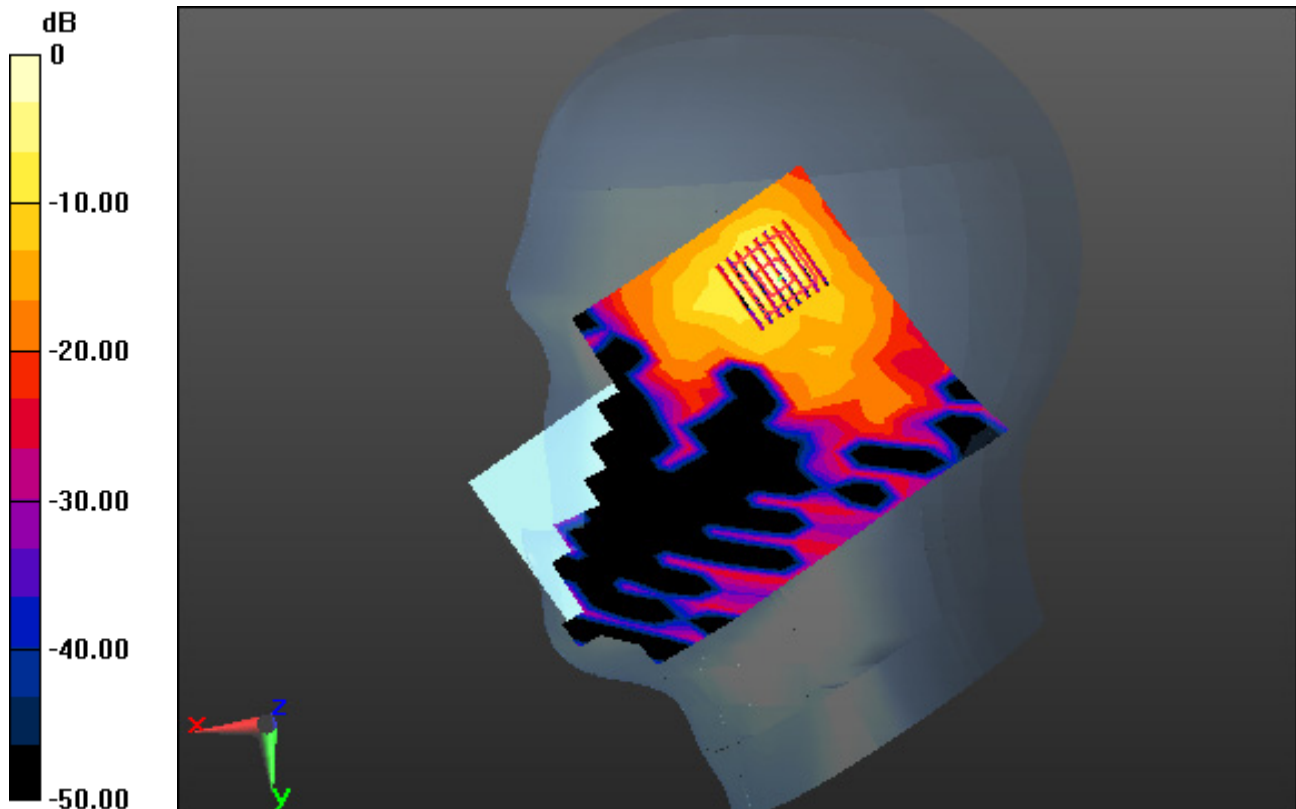
**Area Scan (13x19x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.193 W/kg



0 dB = 1.73 W/kg



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

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

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 39.65$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2021-03-24; Ambient Temp: 20.4; Tissue Temp: 21.0

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

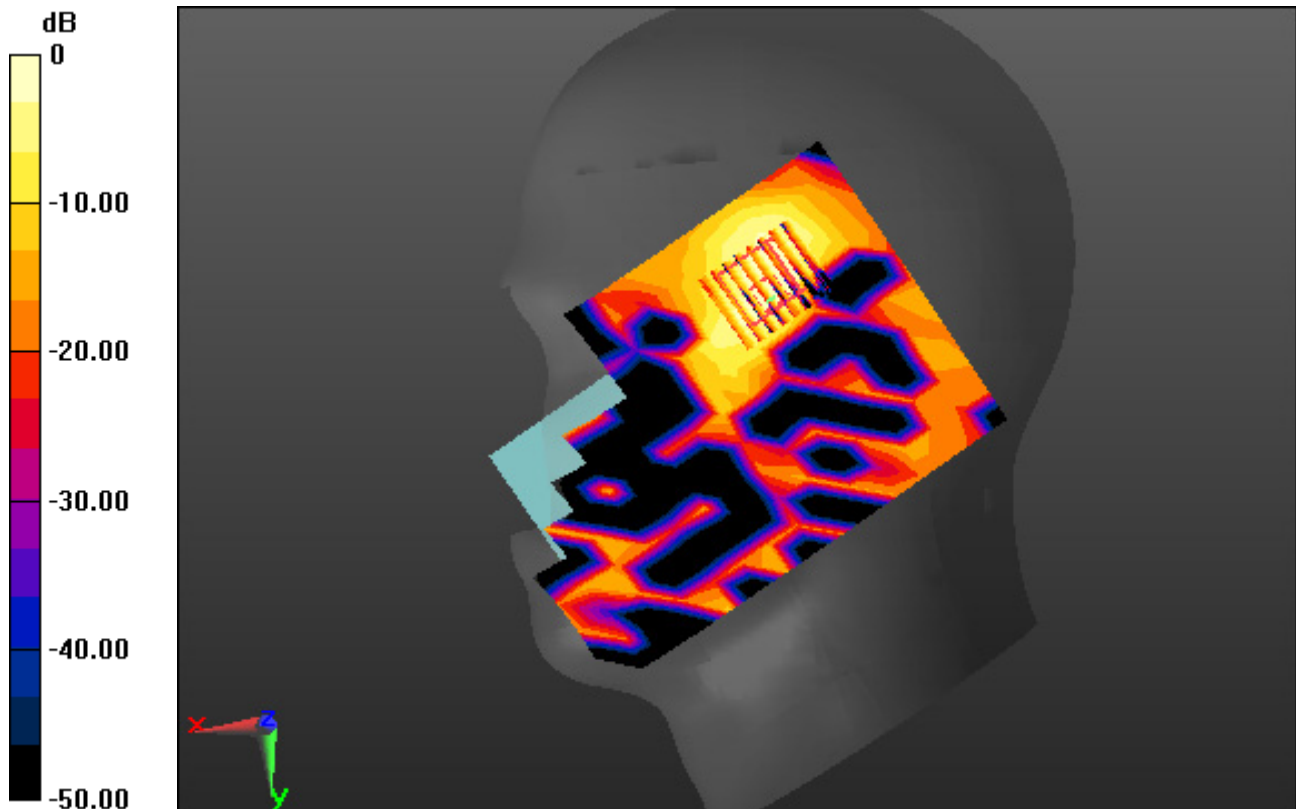
**Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0930 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.009 W/kg**



0 dB = 0.0489 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, GSM850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.859$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

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

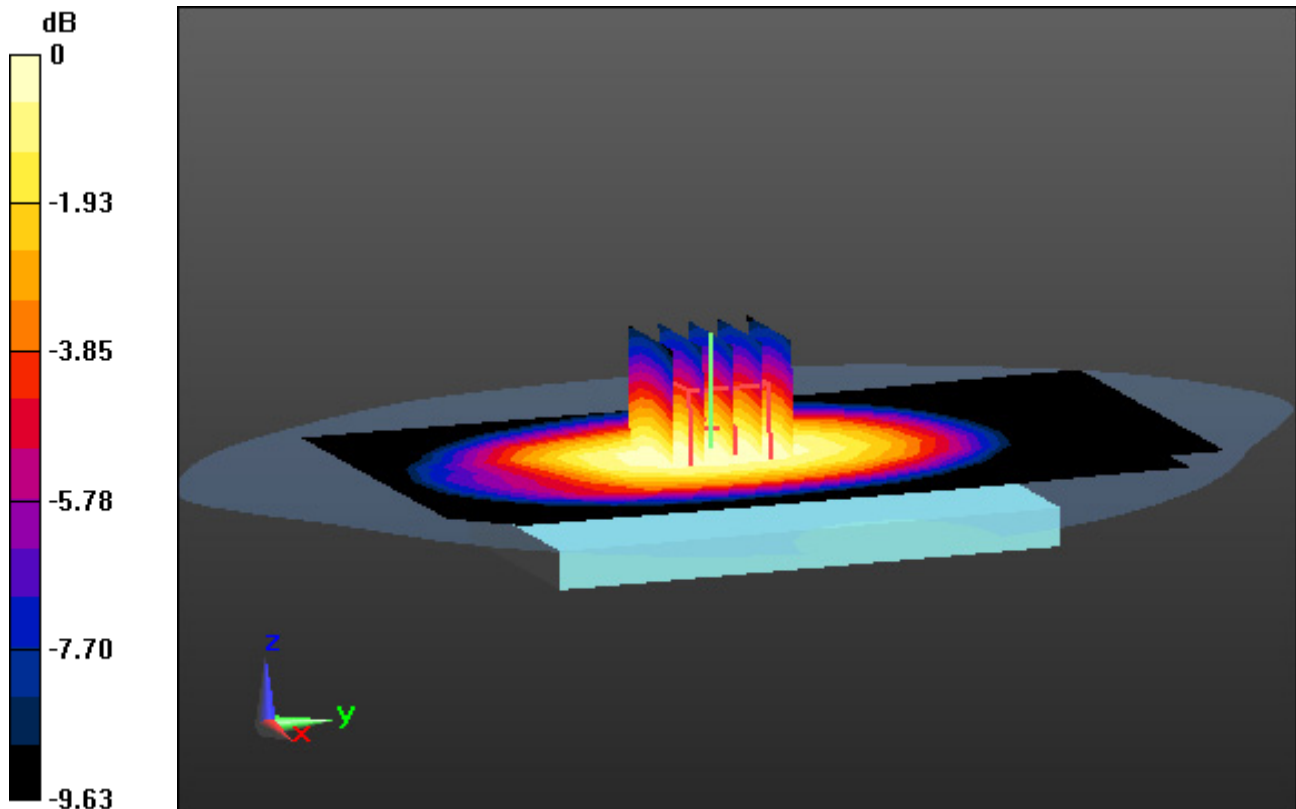
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.673 W/kg

**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.423 W/kg**



0 dB = 0.599 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, GSM850 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.859$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

**1.5 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal**

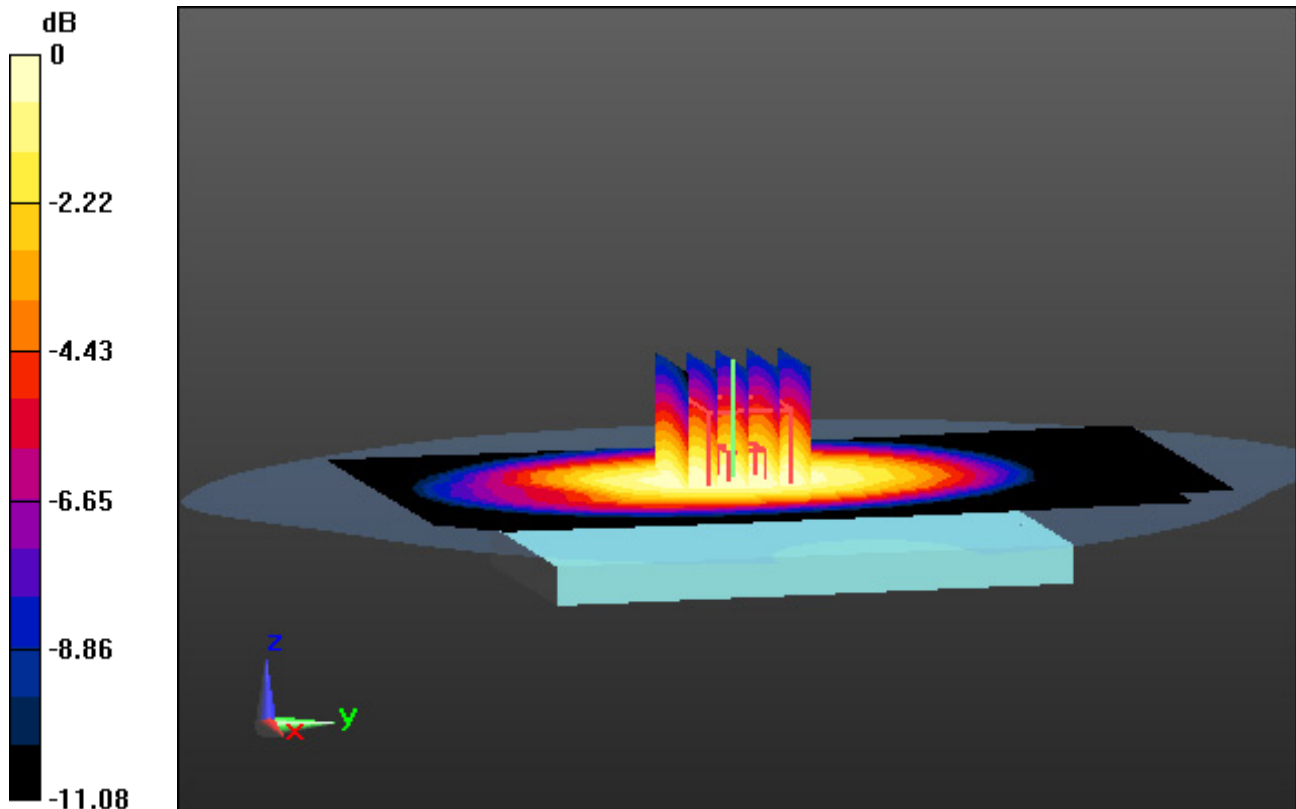
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.805 W/kg

**SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.485 W/kg**



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

## **1.5 cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal**

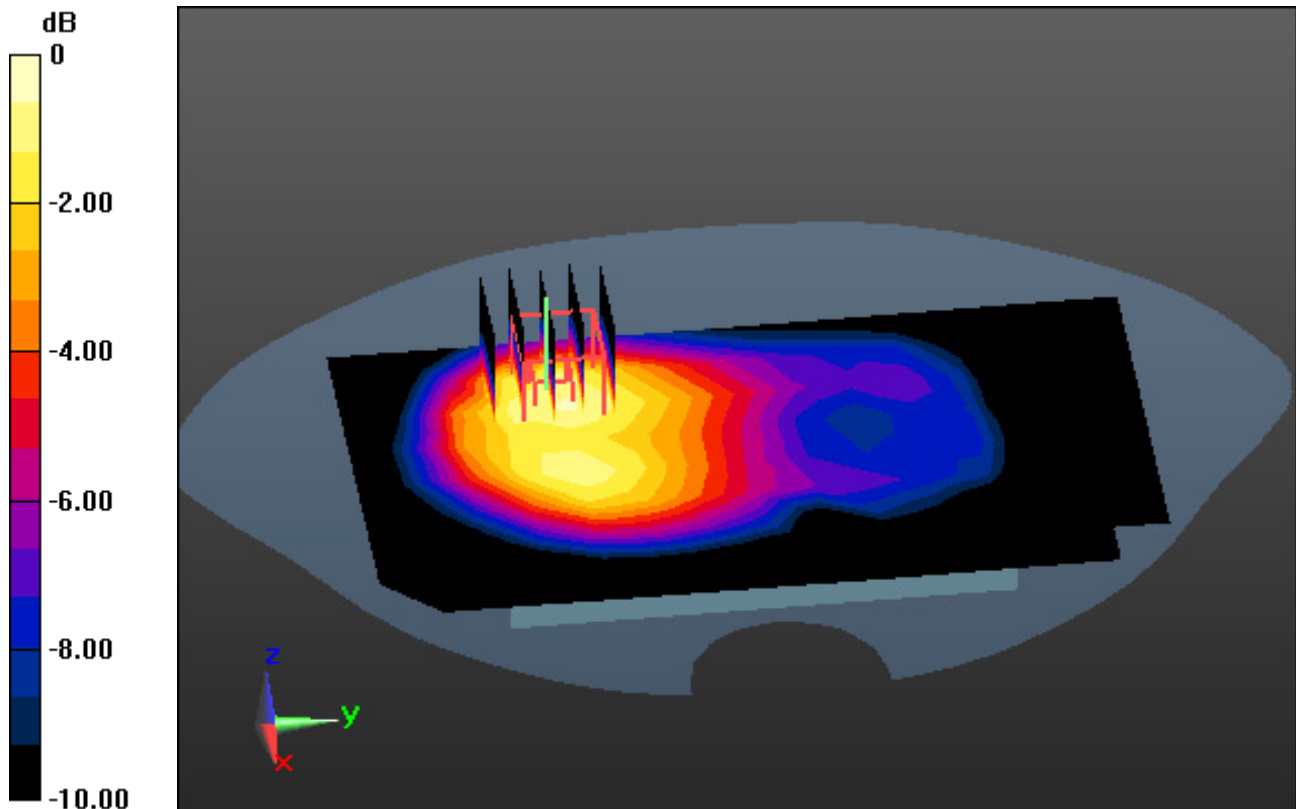
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.162 W/kg



0 dB = 0.366 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, PCS 1900 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

**1.5 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal**

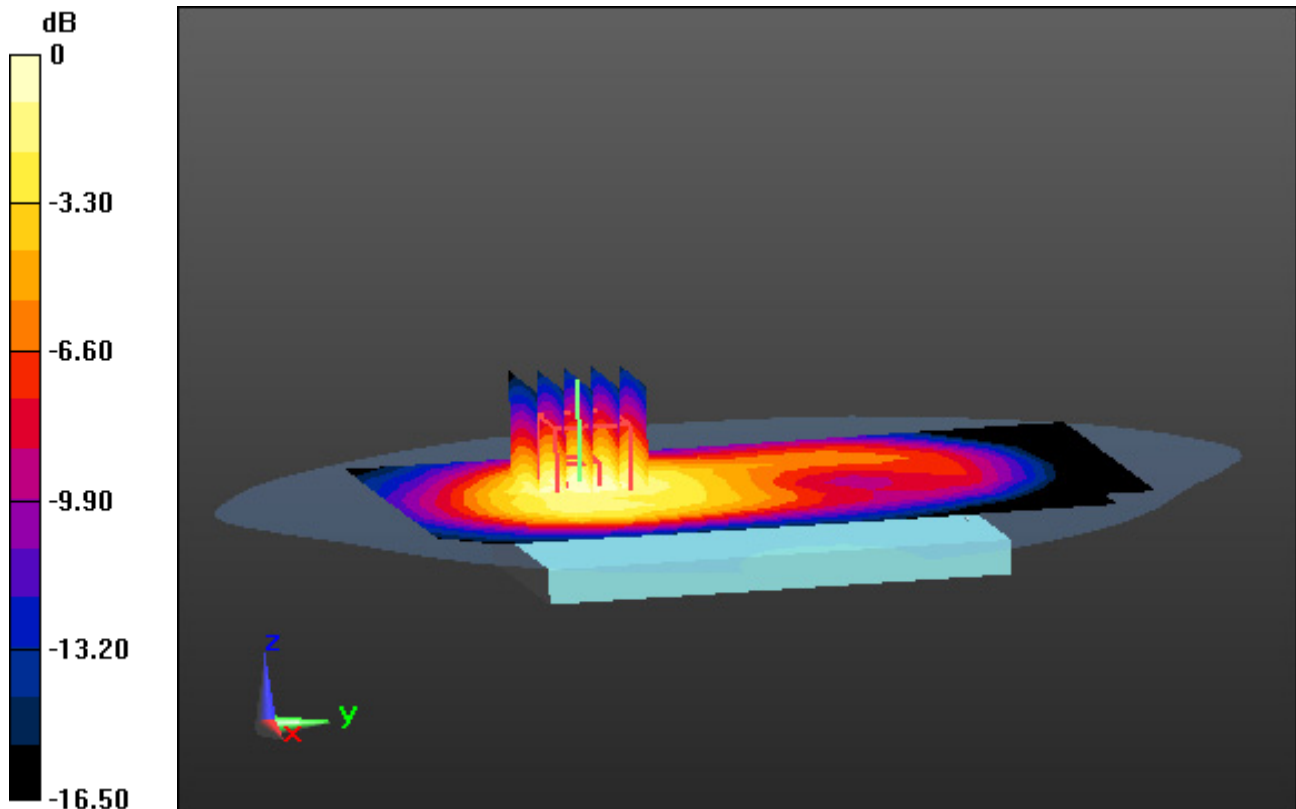
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.712 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.218 W/kg



0 dB = 0.490 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.927 \text{ S/m}$ ;  $\epsilon_r = 42.859$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

**1.5 cm space from Body, Rear, WCDMA Band 5 Ch. 4183, Ant Internal**

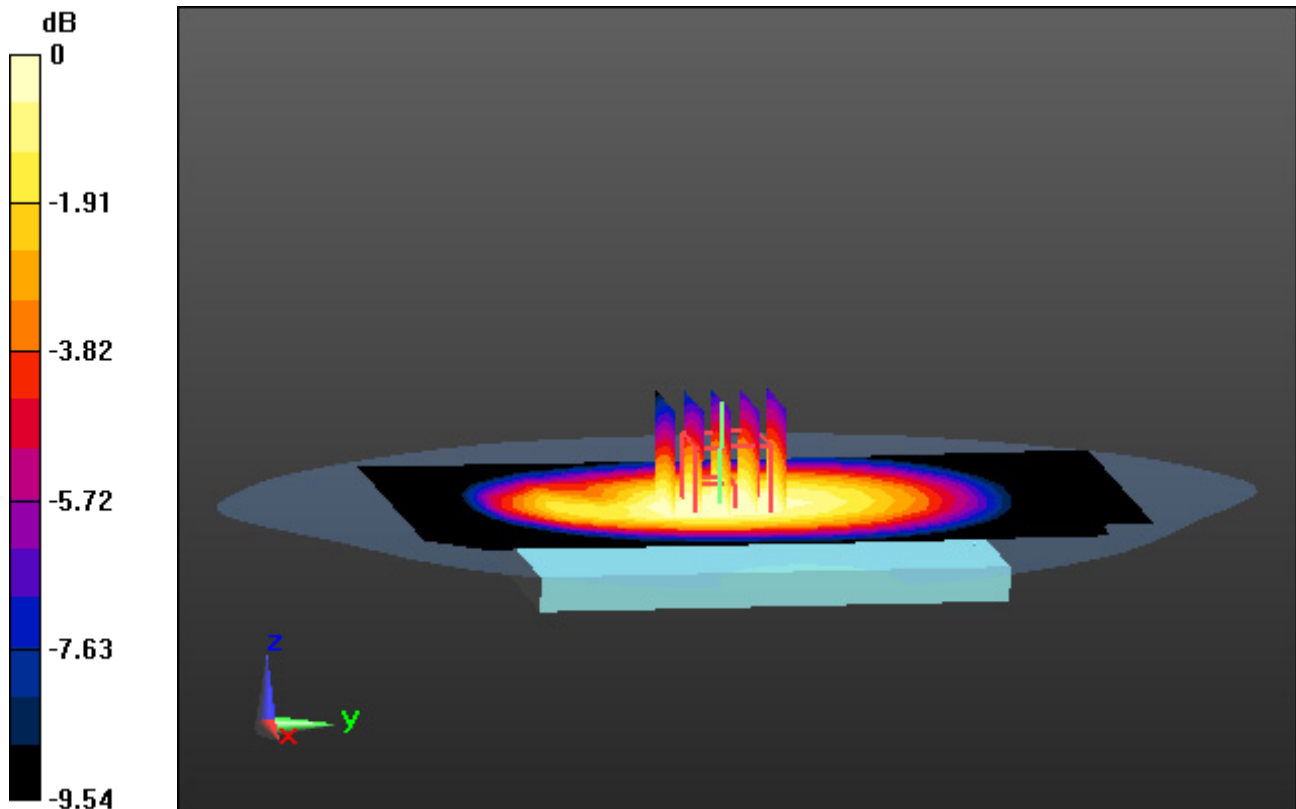
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.878 W/kg

**SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.546 W/kg**



0 dB = 0.781 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.332$  S/m;  $\epsilon_r = 40.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

## **1.5 cm space from Body, Rear, WCDMA Band 4 Ch. 1412, Ant Internal**

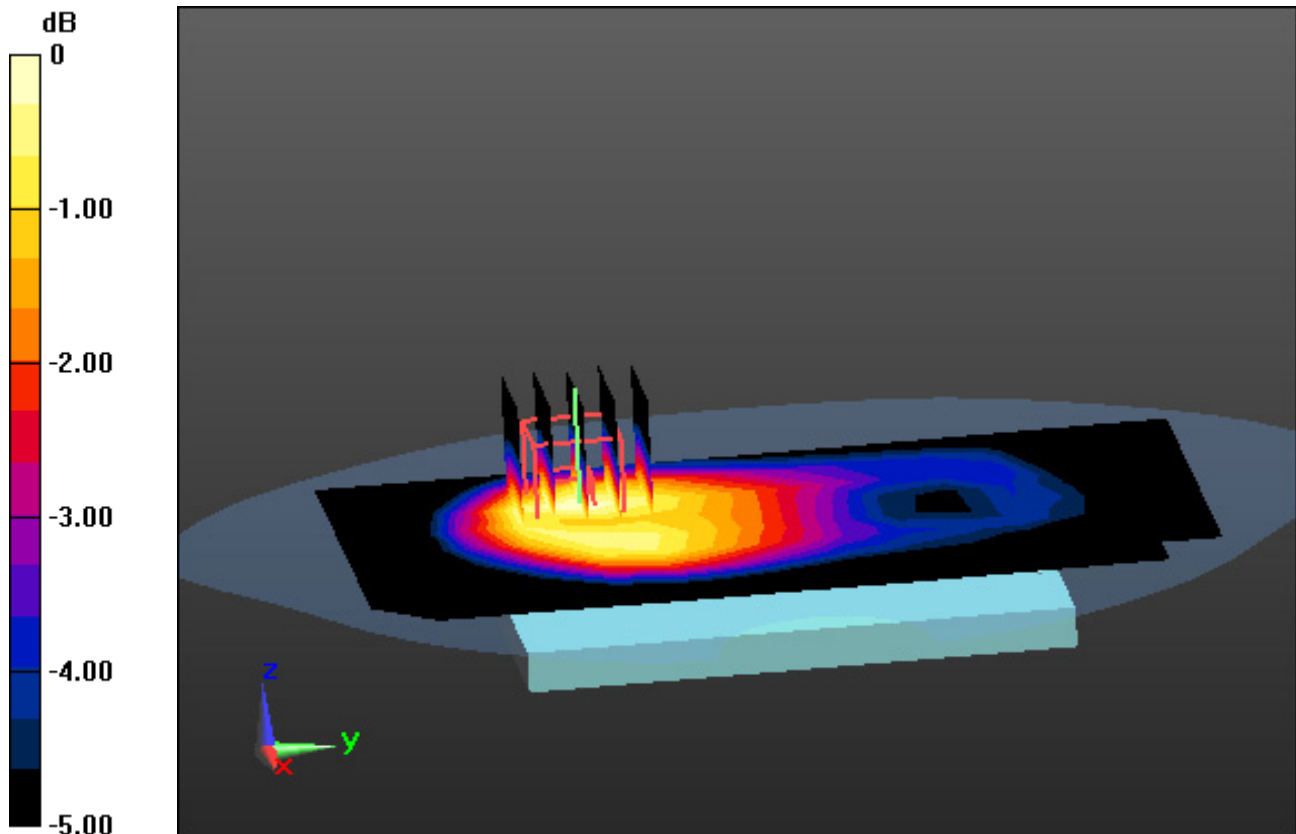
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.413 W/kg



0 dB = 0.859 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

## **1.5 cm space from Body, Rear, WCDMA Band 2 Ch. 9400, Ant Internal**

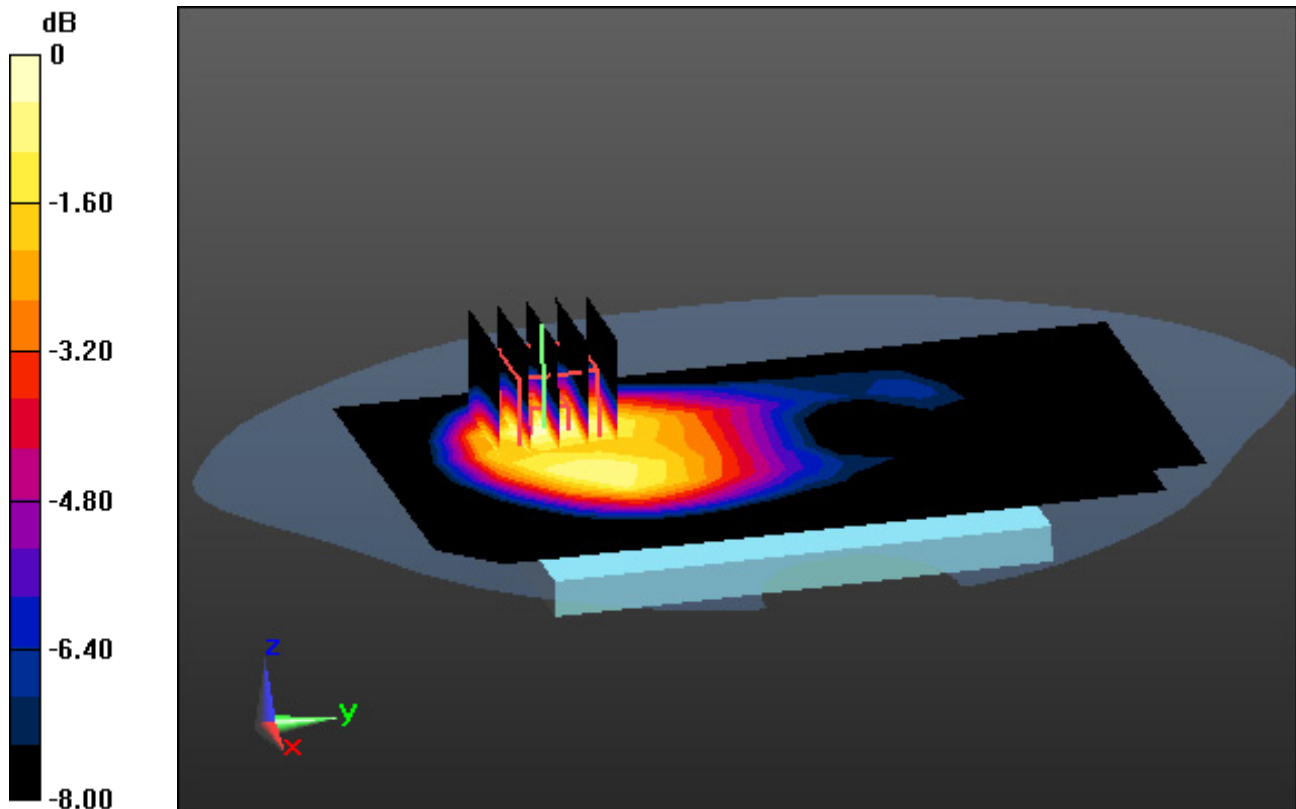
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.333 W/kg





# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.864 \text{ S/m}$ ;  $\epsilon_r = 42.199$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

**1.5 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal**

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

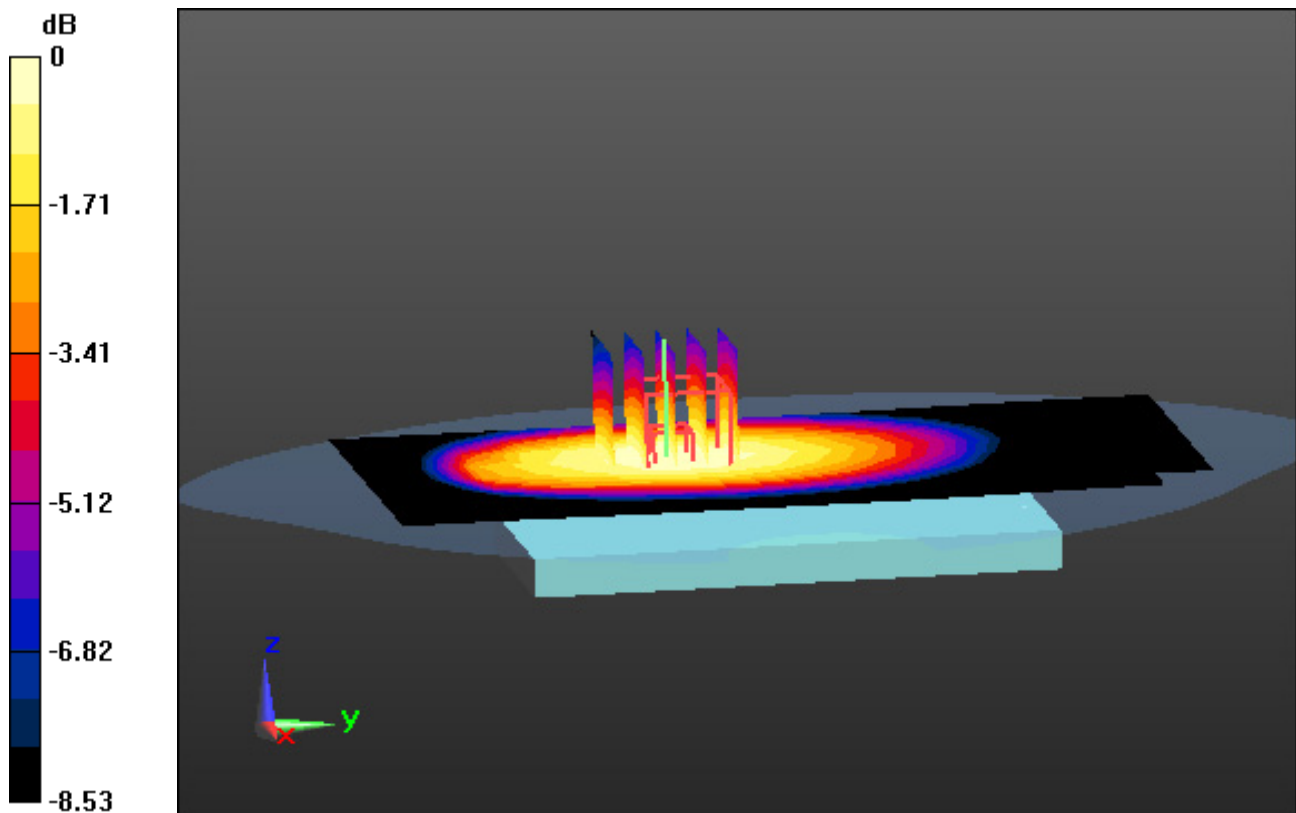
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.479 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.311 W/kg**



0 dB = 0.434 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.928 \text{ S/m}$ ;  $\epsilon_r = 41.528$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

**1.5 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal**

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

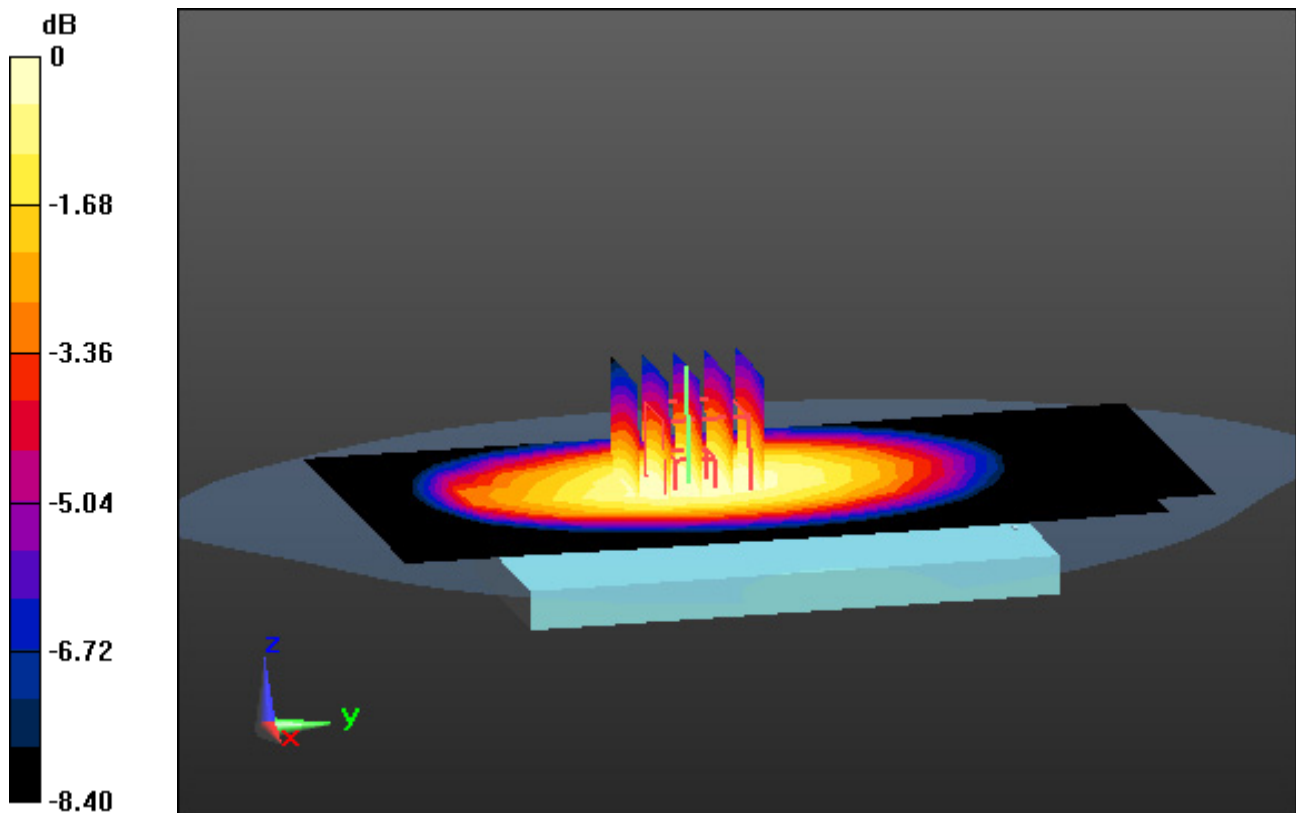
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.397 W/kg**



0 dB = 0.549 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.921 \text{ S/m}$ ;  $\epsilon_r = 41.777$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020; Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**1.5 cm space from Body, Rear, LTE Band 14 Ch. 23330, Ant Internal**

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

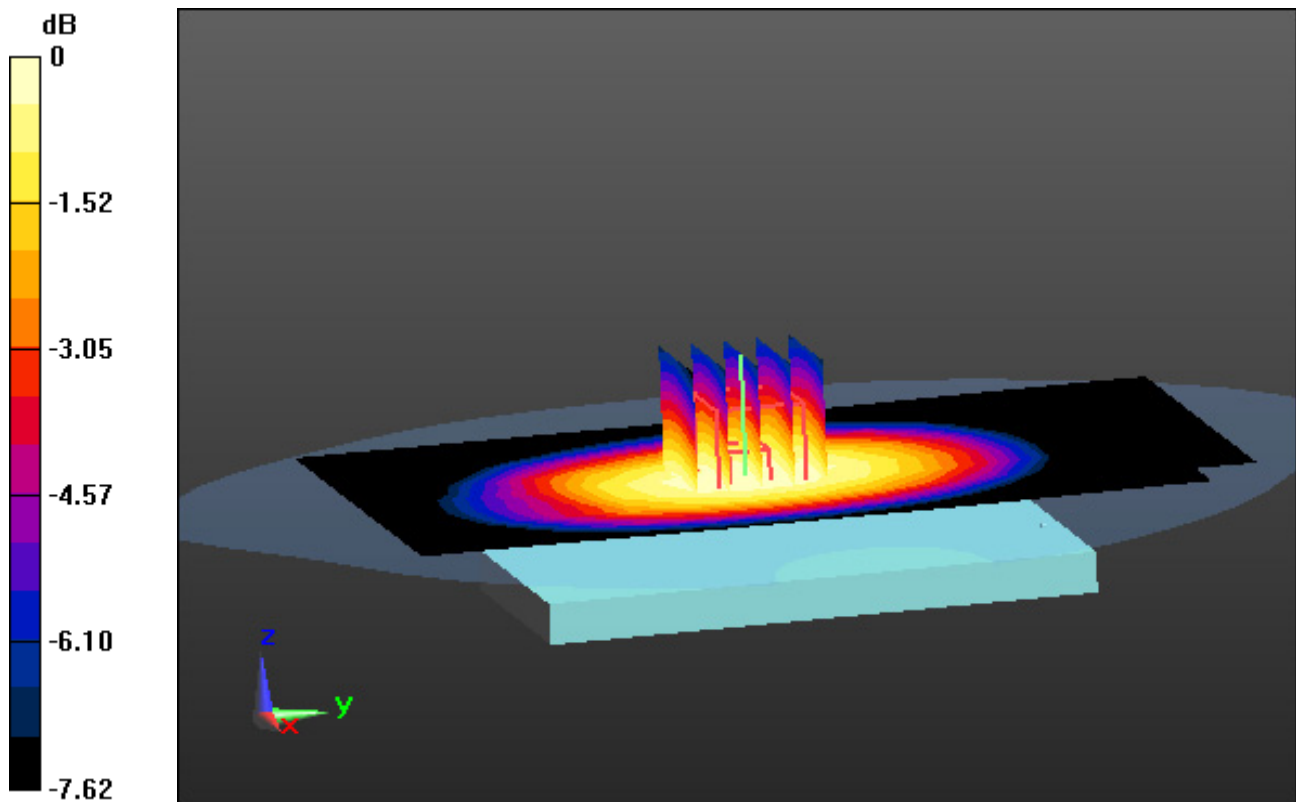
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.356 W/kg**



0 dB = 0.527 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-10; Ambient Temp: 21.2; Tissue Temp: 21.1

**1.5 cm space from Body, Rear, LTE Band 26 Ch. 26865, Ant Internal**

**Mode : BandWidth 15 MHz, QPSK, RB Size: 1**

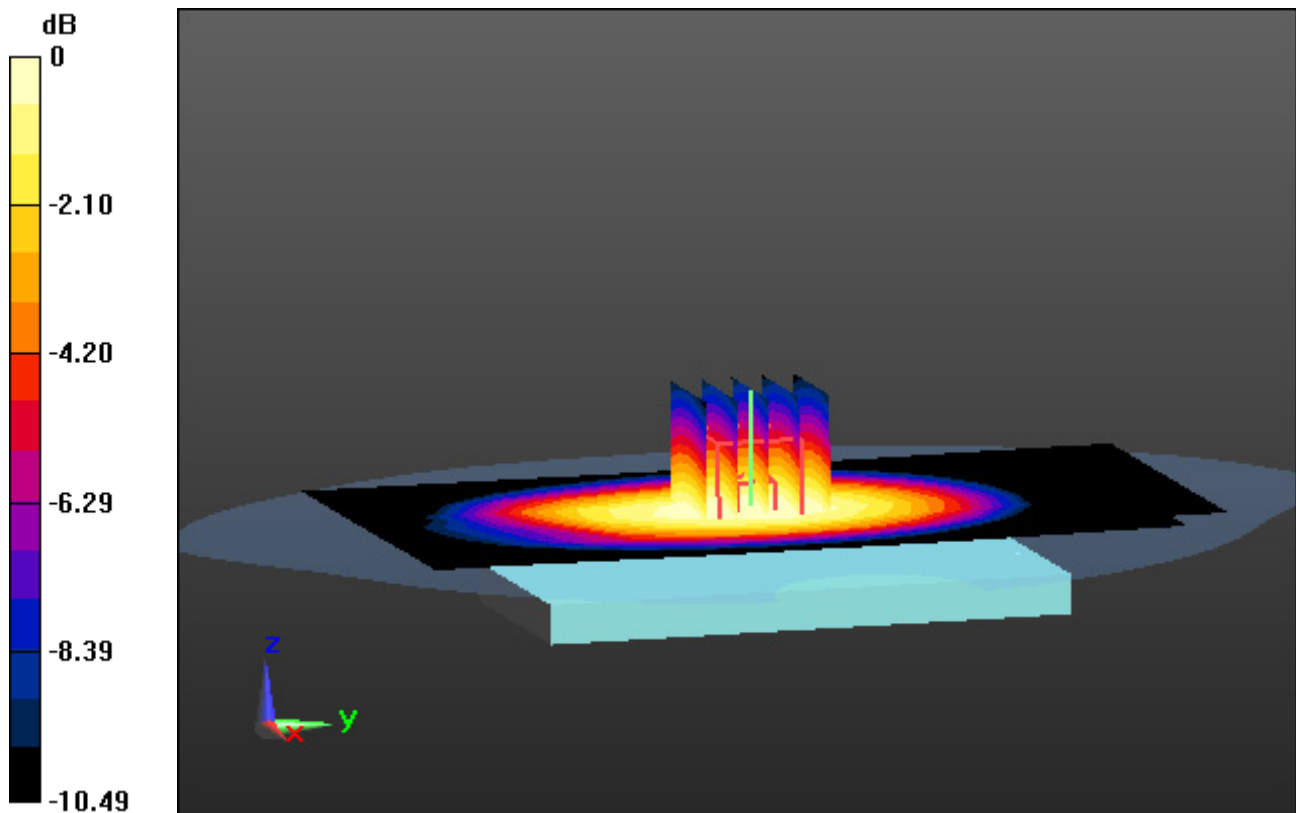
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.673 W/kg

**SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.420 W/kg**



0 dB = 0.597 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.342$  S/m;  $\epsilon_r = 39.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.34, 5.34, 5.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

**1.5 cm space from Body, Rear, LTE Band 66 Ch. 132322, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

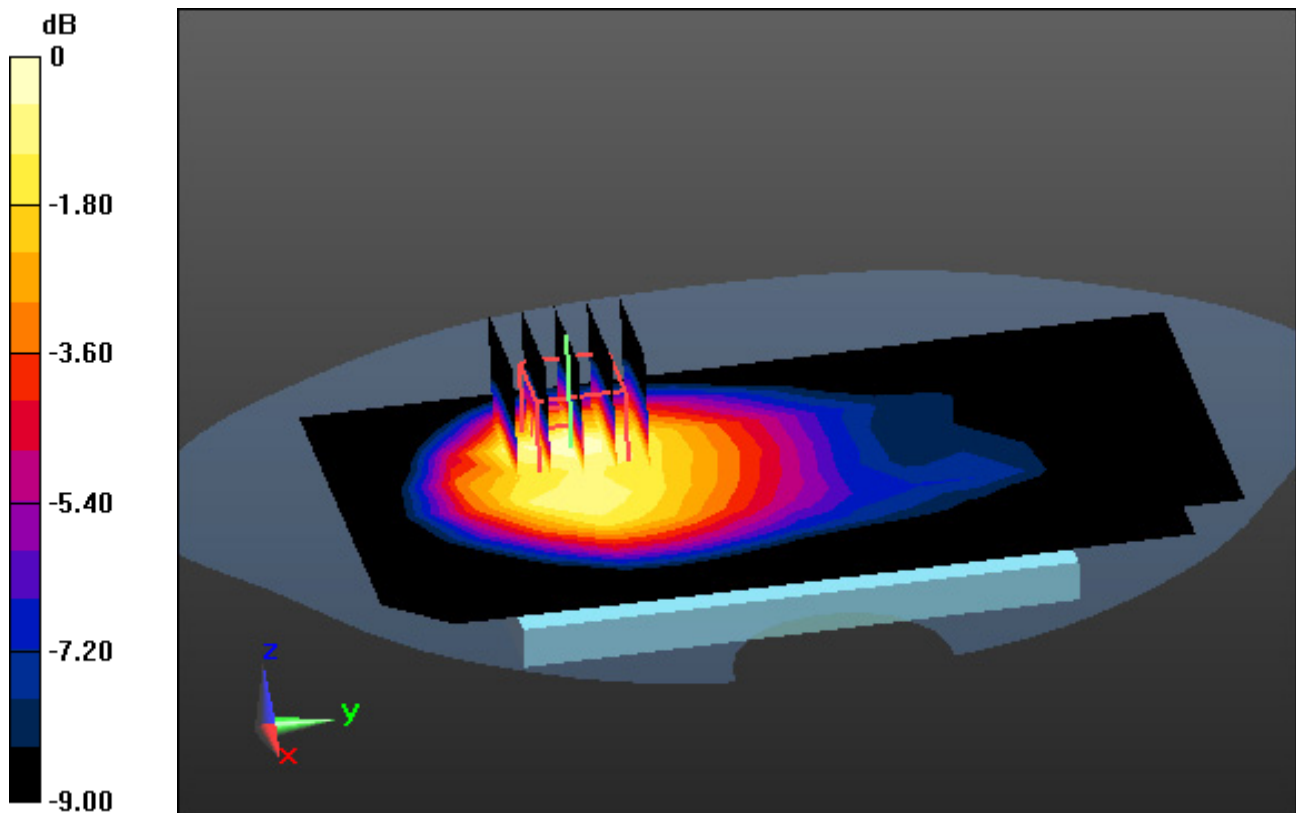
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.348 W/kg**



0 dB = 0.726 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.916$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.09, 5.09, 5.09); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-11; Ambient Temp: 20.7; Tissue Temp: 20.6

**1.5 cm space from Body, Rear, LTE Band 25 Ch. 26365, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

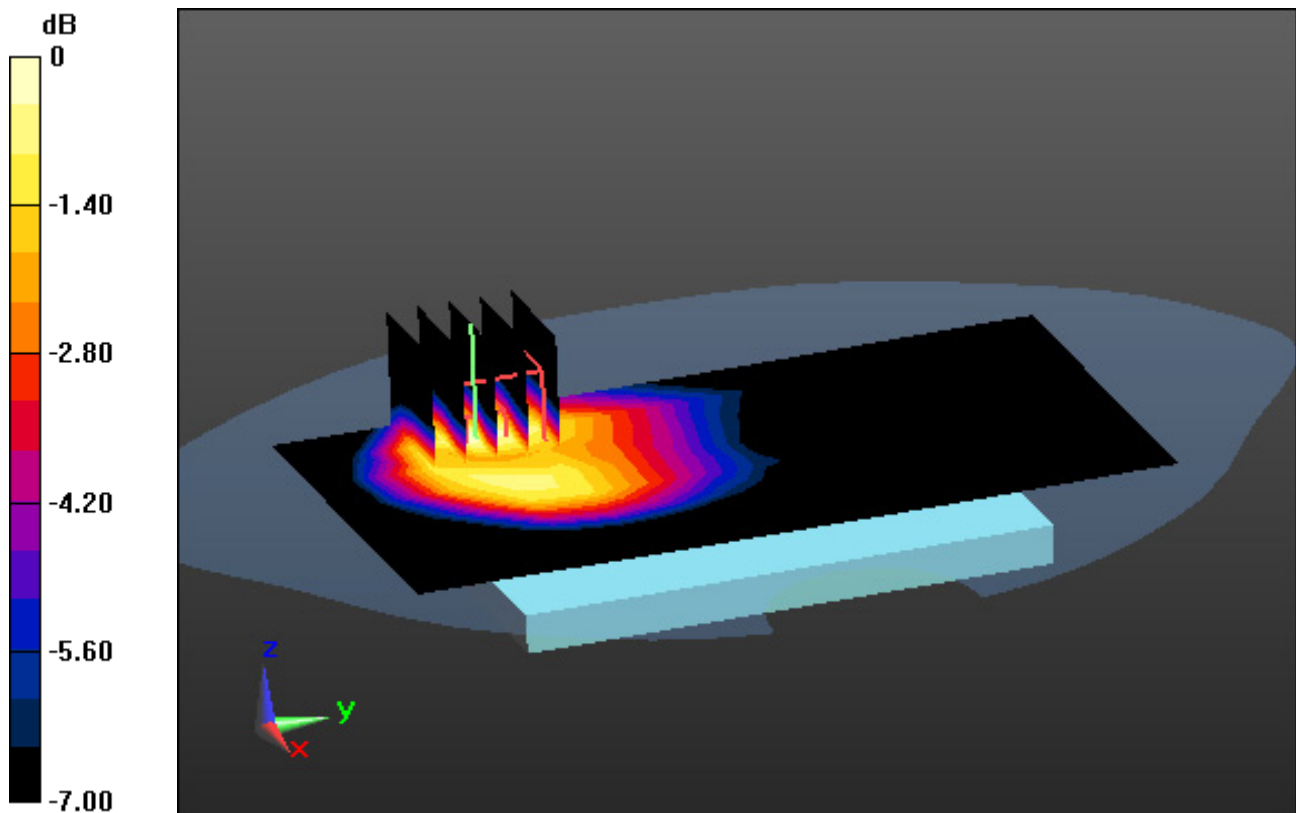
**Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.310 W/kg**



0 dB = 0.682 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 7 (CE) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.903 \text{ S/m}$ ;  $\epsilon_r = 38.694$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.38, 7.38, 7.38); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2021-04-01; Ambient Temp: 21.2; Tissue Temp: 21.1

**1.5 cm space from Body, Rear, LTE Band 7 Ch. 21100, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

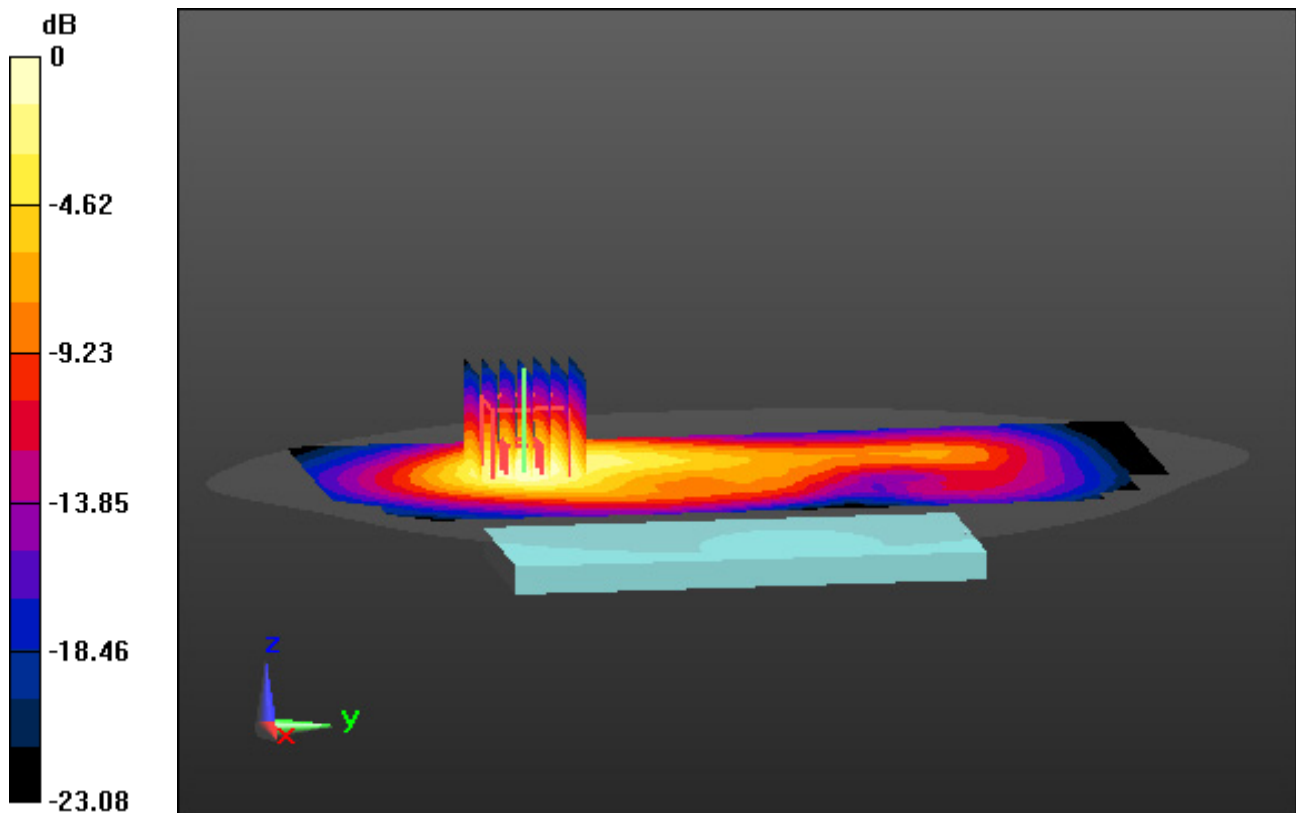
**Area Scan (11x21x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

**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) = 1.32 W/kg

**SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.344 W/kg**



0 dB = 0.981 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 41[FCC] (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58

Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.937$  S/m;  $\epsilon_r = 38.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-01; Ambient Temp: 20.7; Tissue Temp: 20.6

**1.5 cm space from Body, Rear, LTE Band 41 Ch. 40620, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

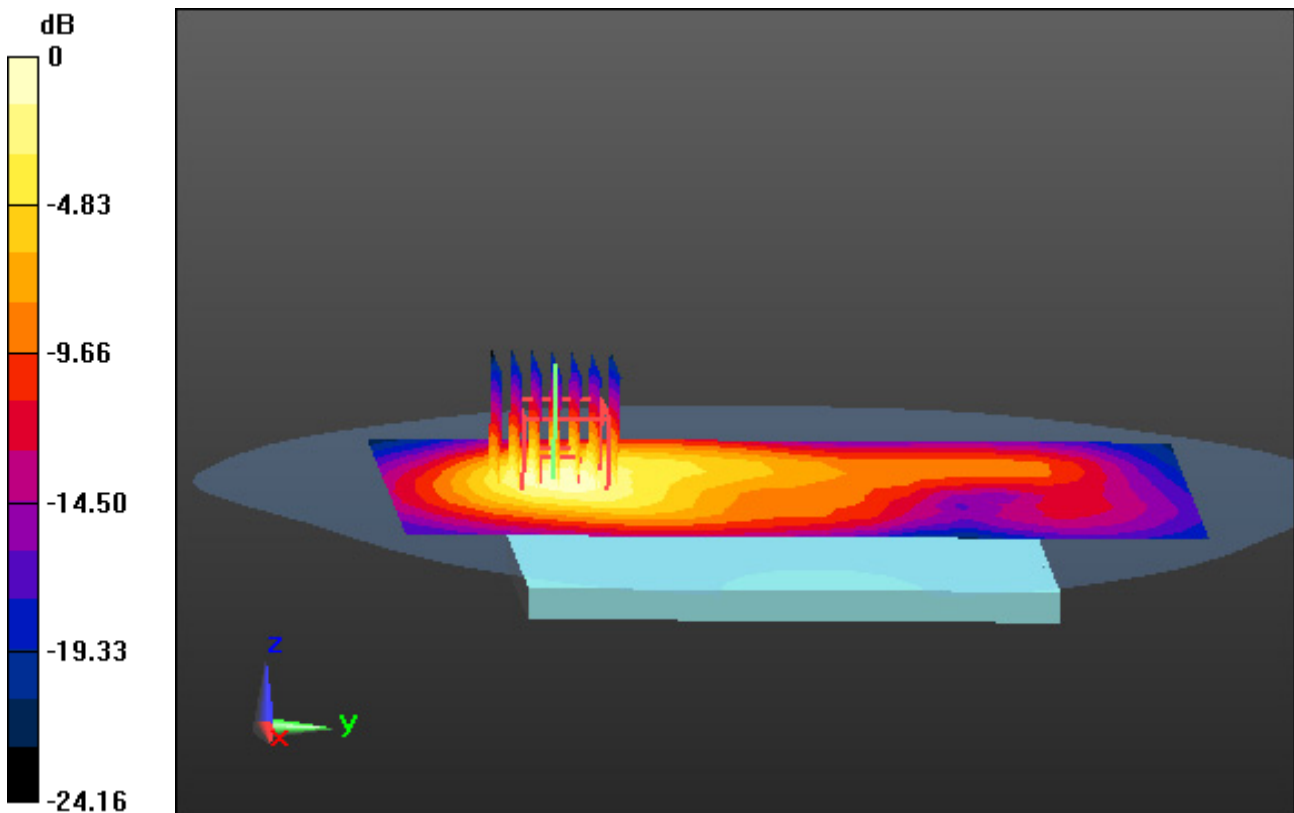
**Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.287 W/kg**



0 dB = 0.714 W/kg



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.788$  S/m;  $\epsilon_r = 40.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-12; Ambient Temp: 20.1; Tissue Temp: 20.0

## **1.5 cm space from Body, Rear, WLAN(802.11b) Ch. 6, Ant Internal**

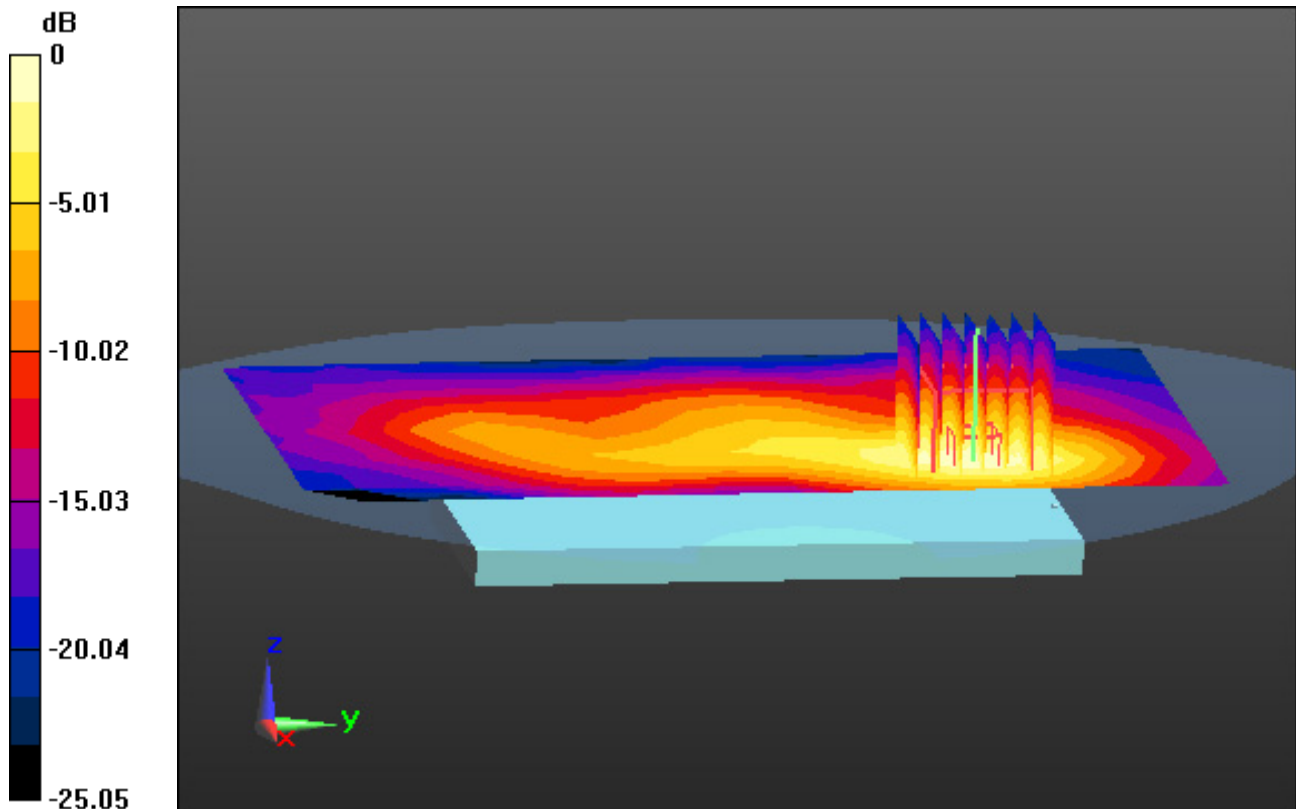
**Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.523 W/kg

**SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.141 W/kg**



0 dB = 0.356 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WLAN\_802.11n-HT40\_5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.695$  S/m;  $\epsilon_r = 35.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.89, 4.89, 4.89); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335  
Sensor-Surface: 1.4mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-13; Ambient Temp: 20.9; Tissue Temp: 20.8

**1.5 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 54, Ant Internal**

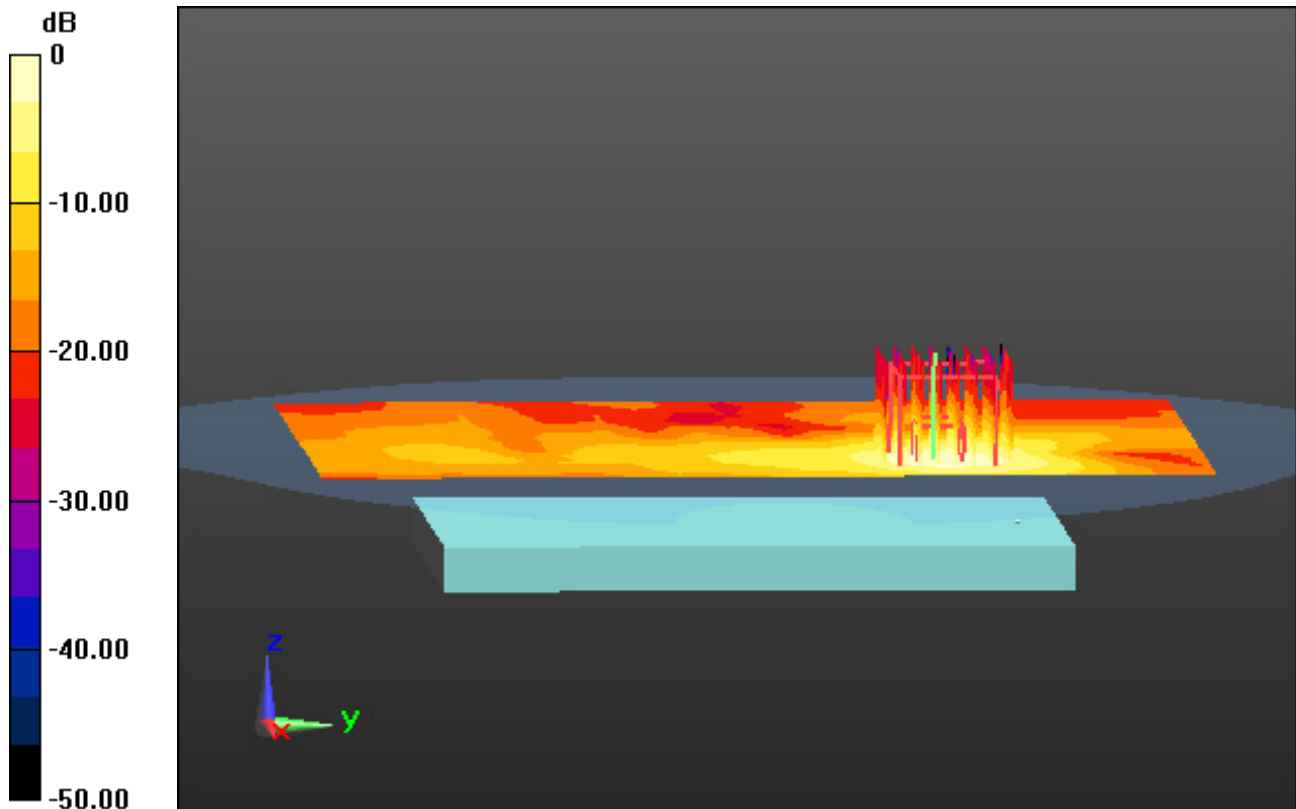
**Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 2.21 W/kg

SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.245 W/kg



0 dB = 1.40 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5710 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5710$  MHz;  $\sigma = 5.304$  S/m;  $\epsilon_r = 36.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(4.6, 4.6, 4.6); Calibrated: 5/27/2020 Electronics: DAE4 Sn1335

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-20; Ambient Temp: 20.4; Tissue Temp: 20.3

**1.5 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 142, Ant Internal**

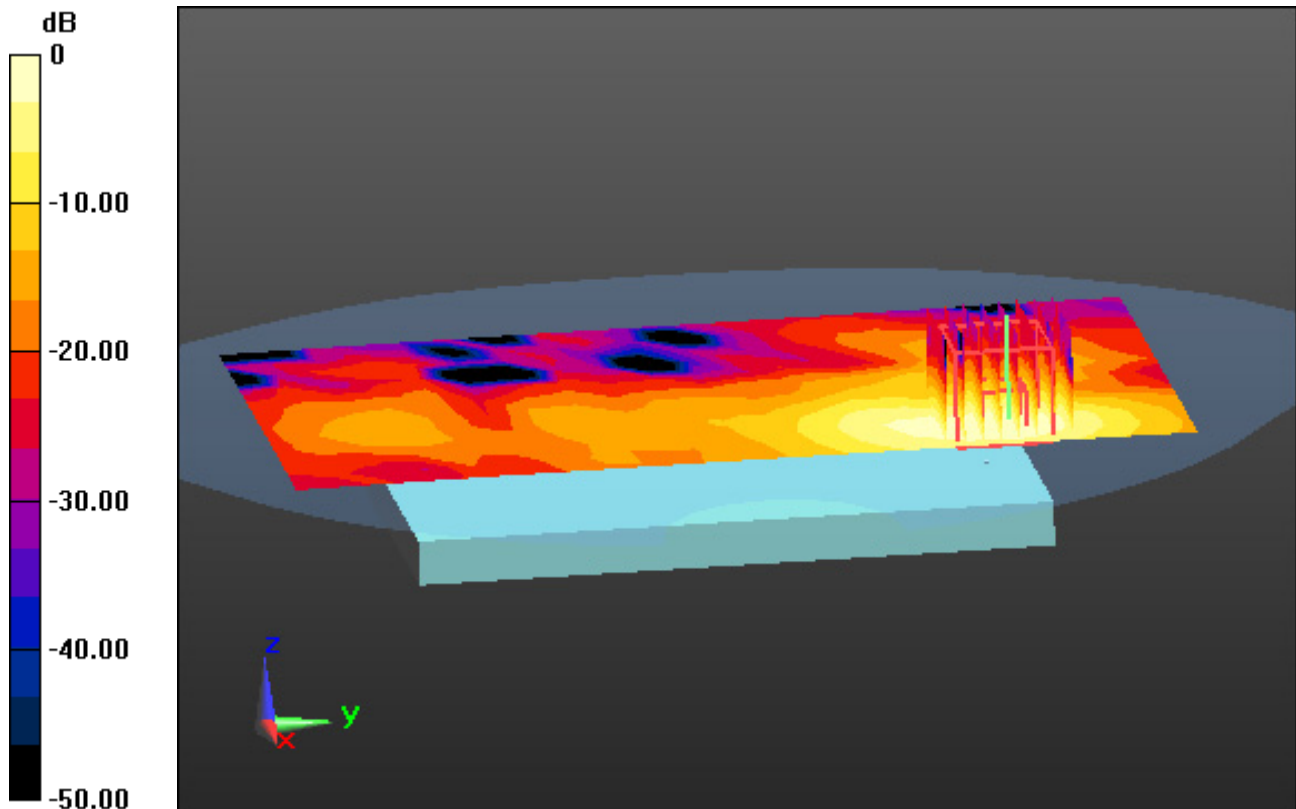
**Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 2.65 W/kg

**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.260 W/kg**



0 dB = 1.56 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5795$  MHz;  $\sigma = 5.335$  S/m;  $\epsilon_r = 34.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-21; Ambient Temp: 20.1; Tissue Temp: 20.0

**1.5 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 159, Ant Internal**

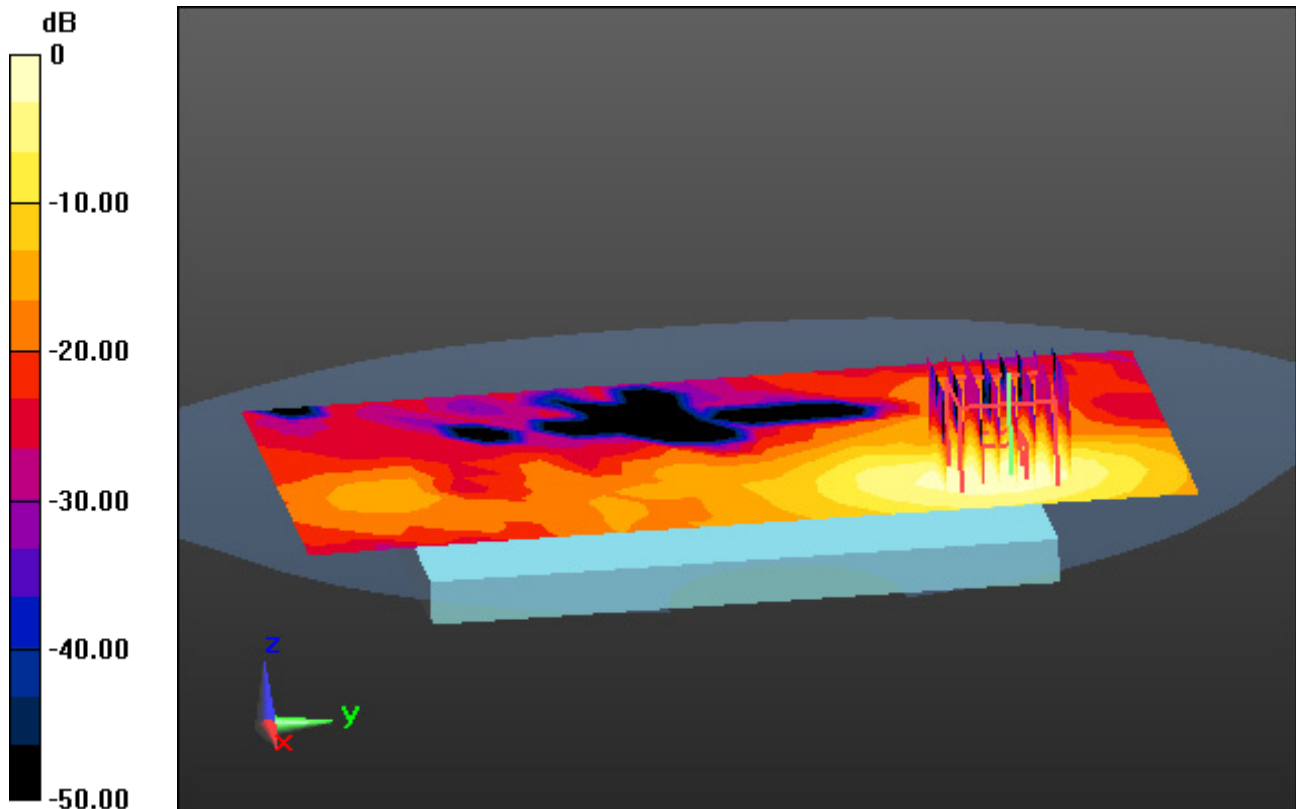
**Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 2.36 W/kg

**SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.331 W/kg**



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

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

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 39.65$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2021-03-24; Ambient Temp: 20.4; Tissue Temp: 21.0

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

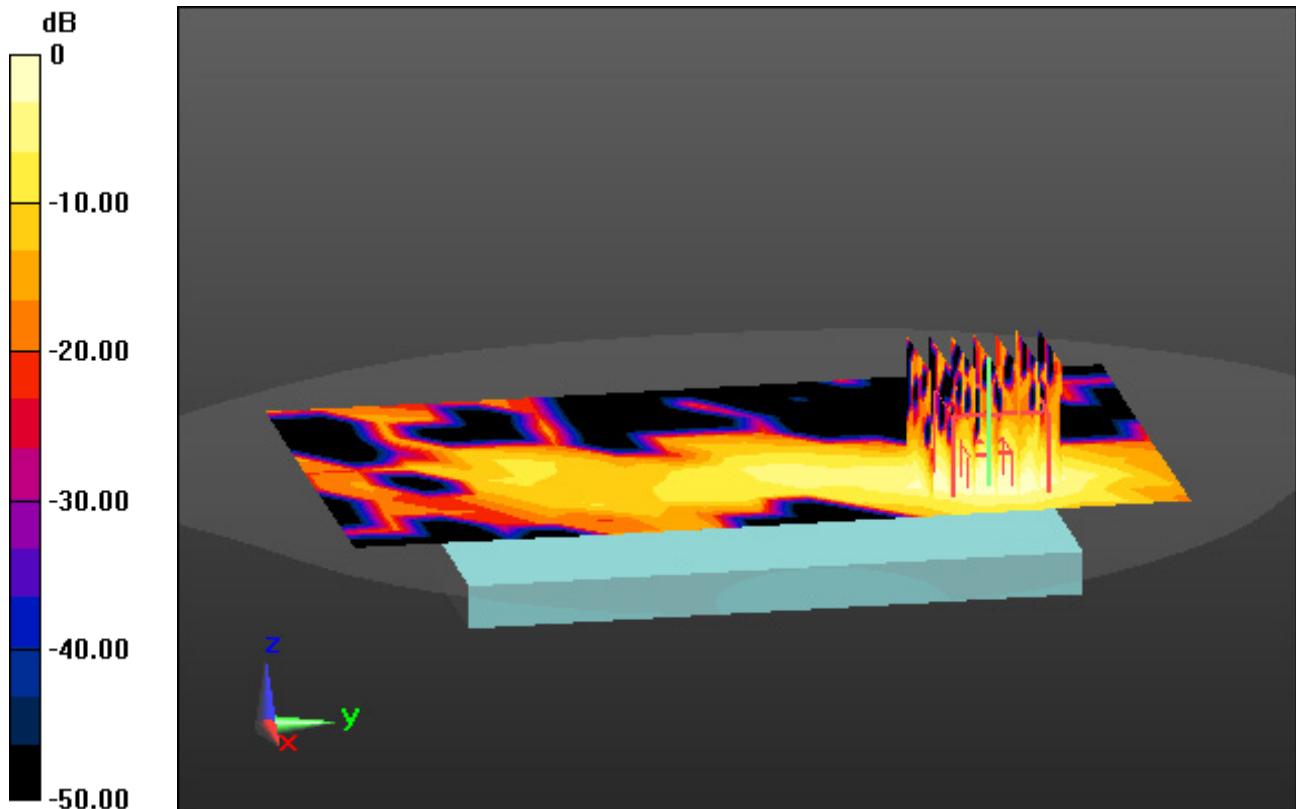
**Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0220 W/kg

**SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00371 W/kg**



0 dB = 0.0168 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, GSM850 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.927$  S/m;  $\epsilon_r = 42.859$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

**1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal**

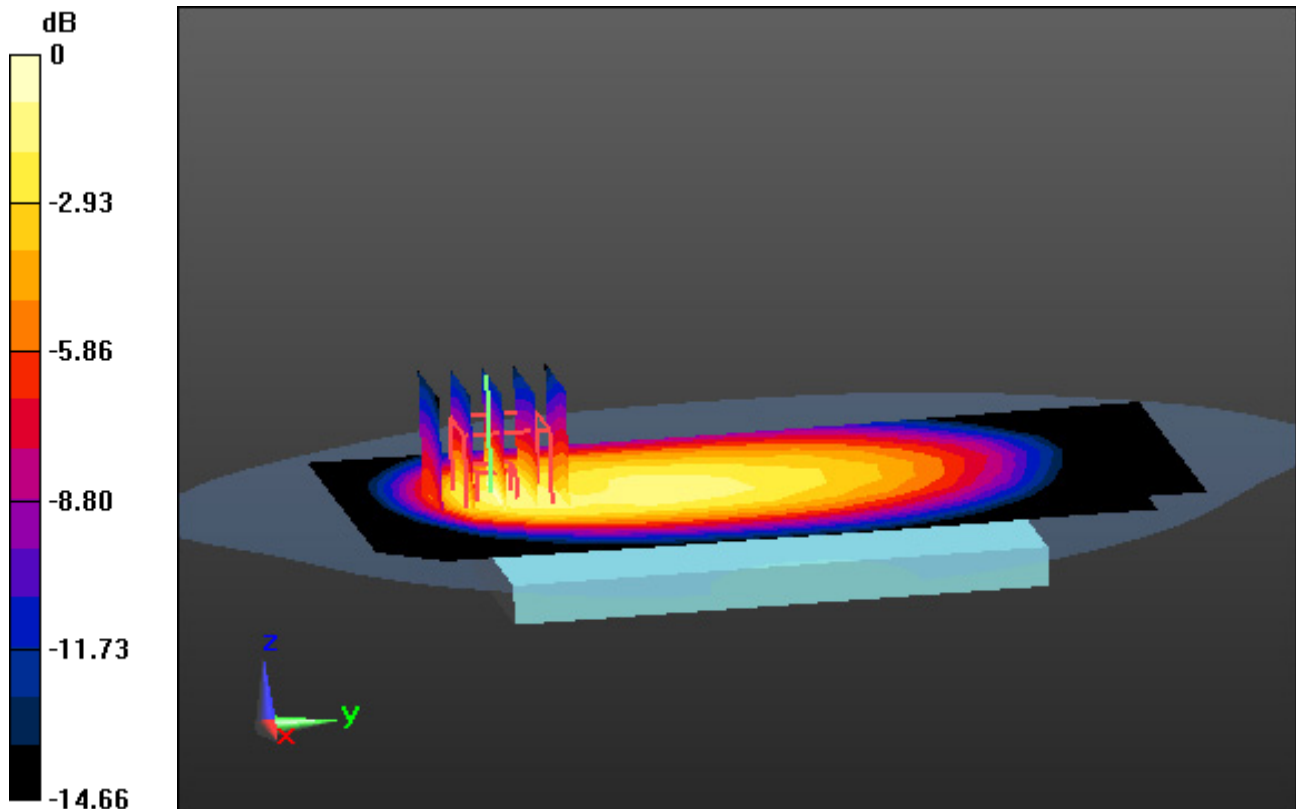
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.578 W/kg**



0 dB = 1.32 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, PCS 1900 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

**1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal**

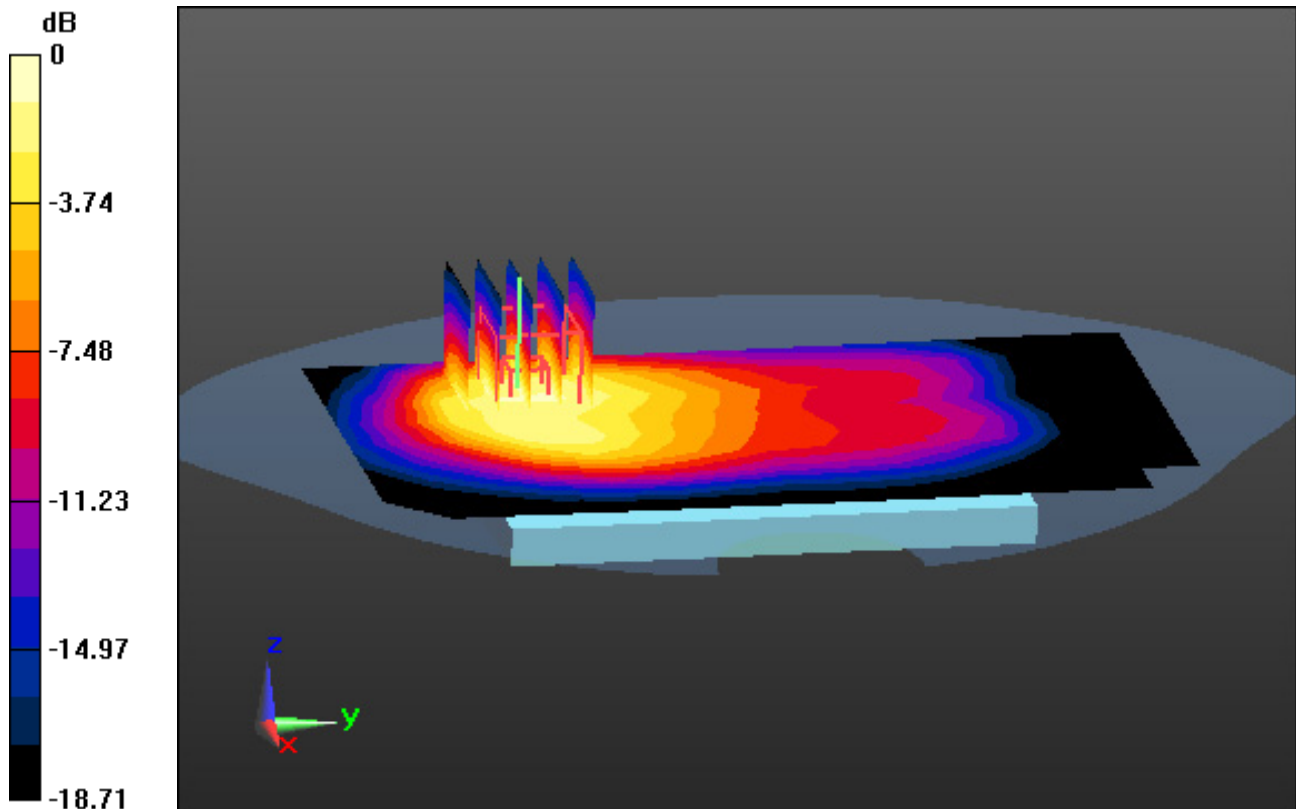
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.507 W/kg**



0 dB = 1.22 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.927 \text{ S/m}$ ;  $\epsilon_r = 42.859$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-04; Ambient Temp: 21.0; Tissue Temp: 20.9

**1 cm space from Body, Rear, WCDMA Band 5 Ch. 4183, Ant Internal**

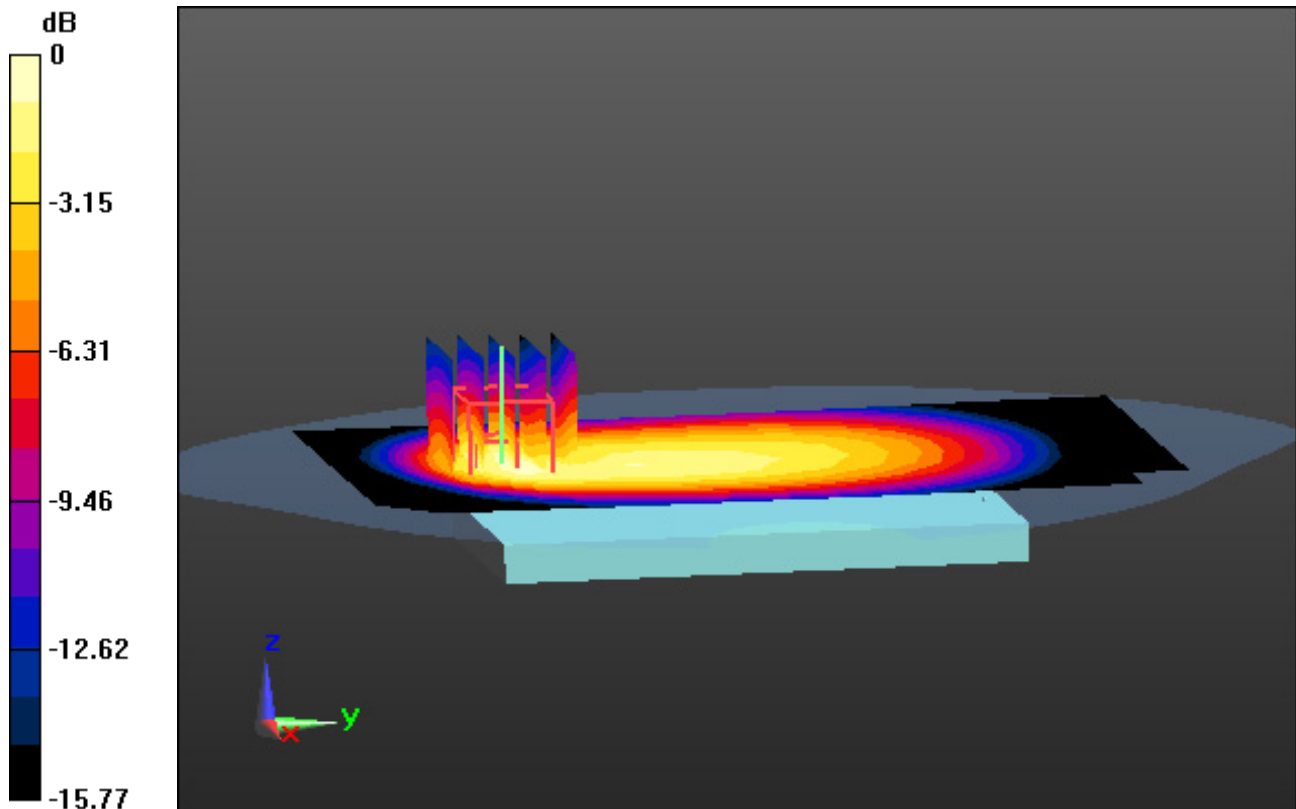
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.509 W/kg**



0 dB = 1.15 W/kg



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.332$  S/m;  $\epsilon_r = 40.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

## **1 cm space from Body, Rear, WCDMA Band 4 Ch. 1412, Ant Internal**

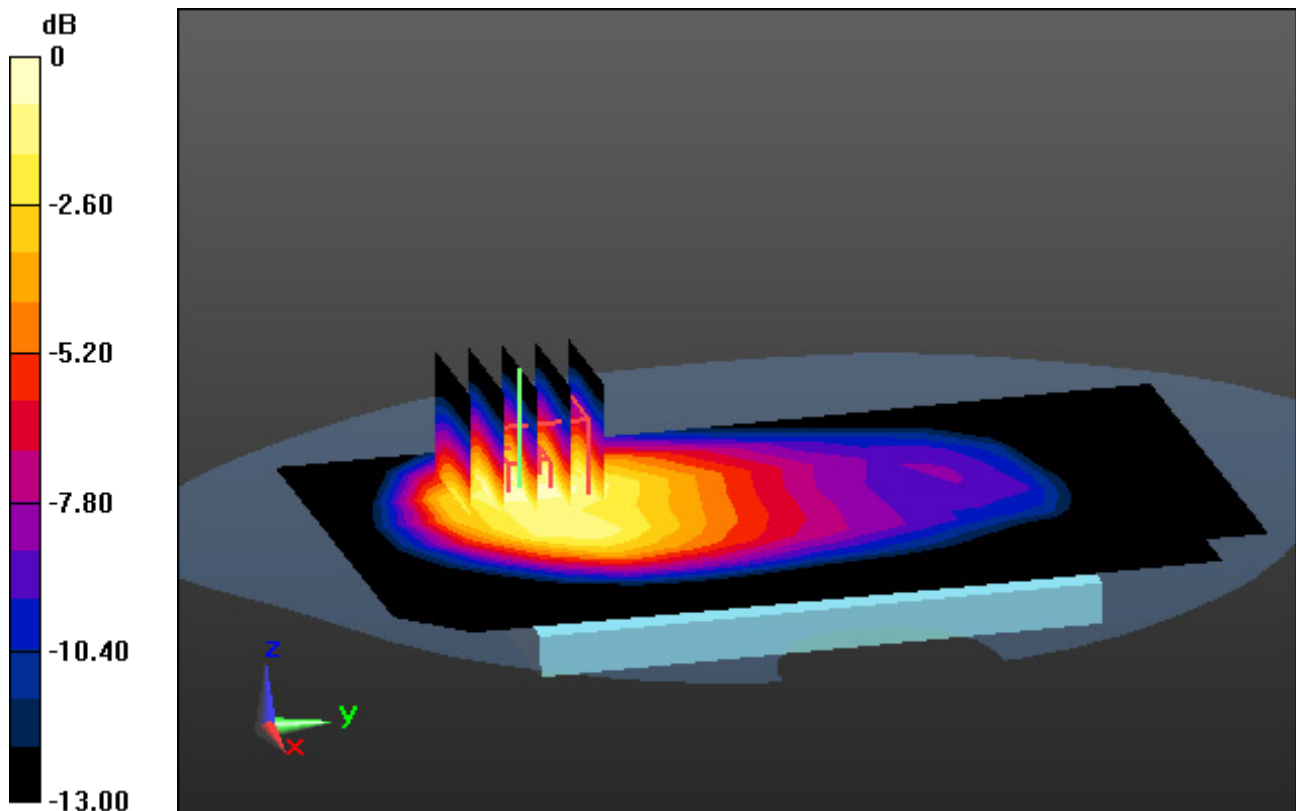
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.639 W/kg**



0 dB = 1.47 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 40.985$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-09; Ambient Temp: 20.3; Tissue Temp: 20.2

**1 cm space from Body, Rear, WCDMA Band 2 Ch. 9400, Ant Internal**

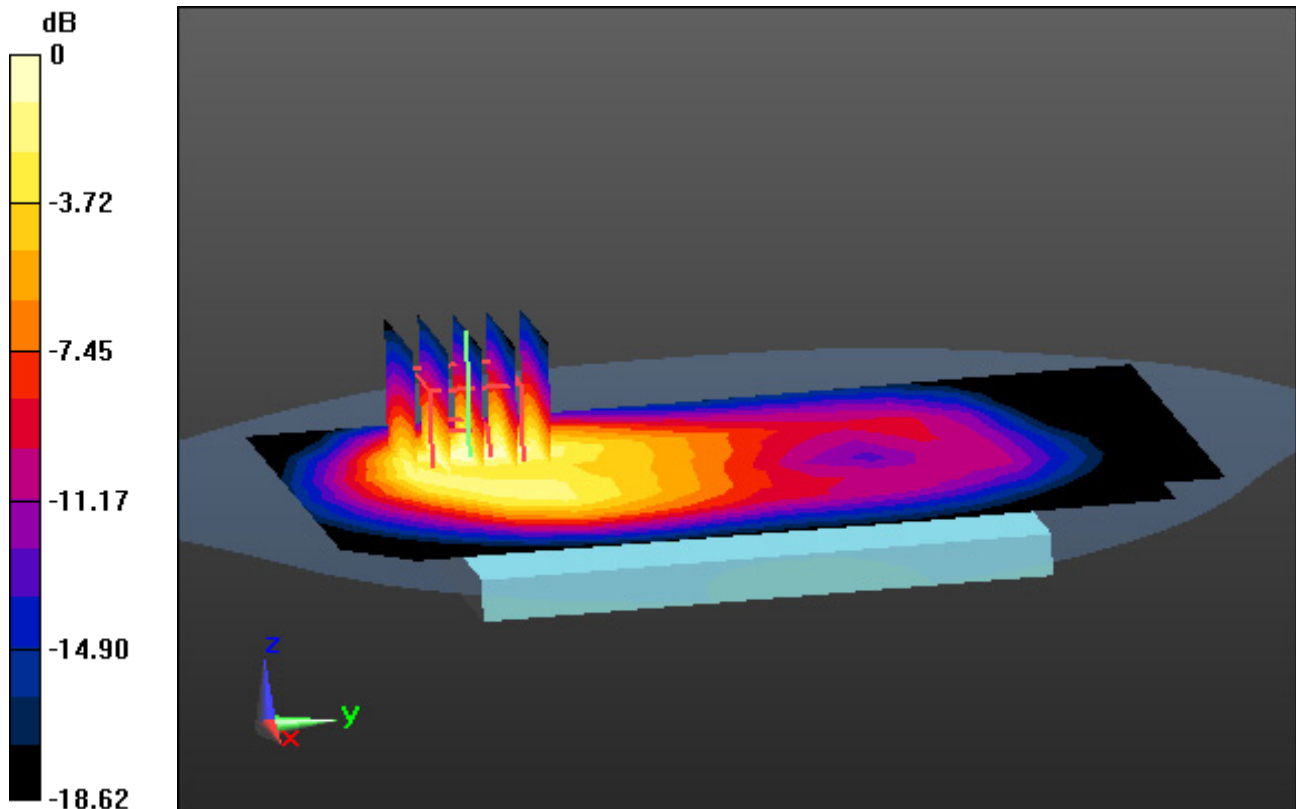
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.41 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.622 W/kg**



0 dB = 1.53 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 42.199$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

**1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal**

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

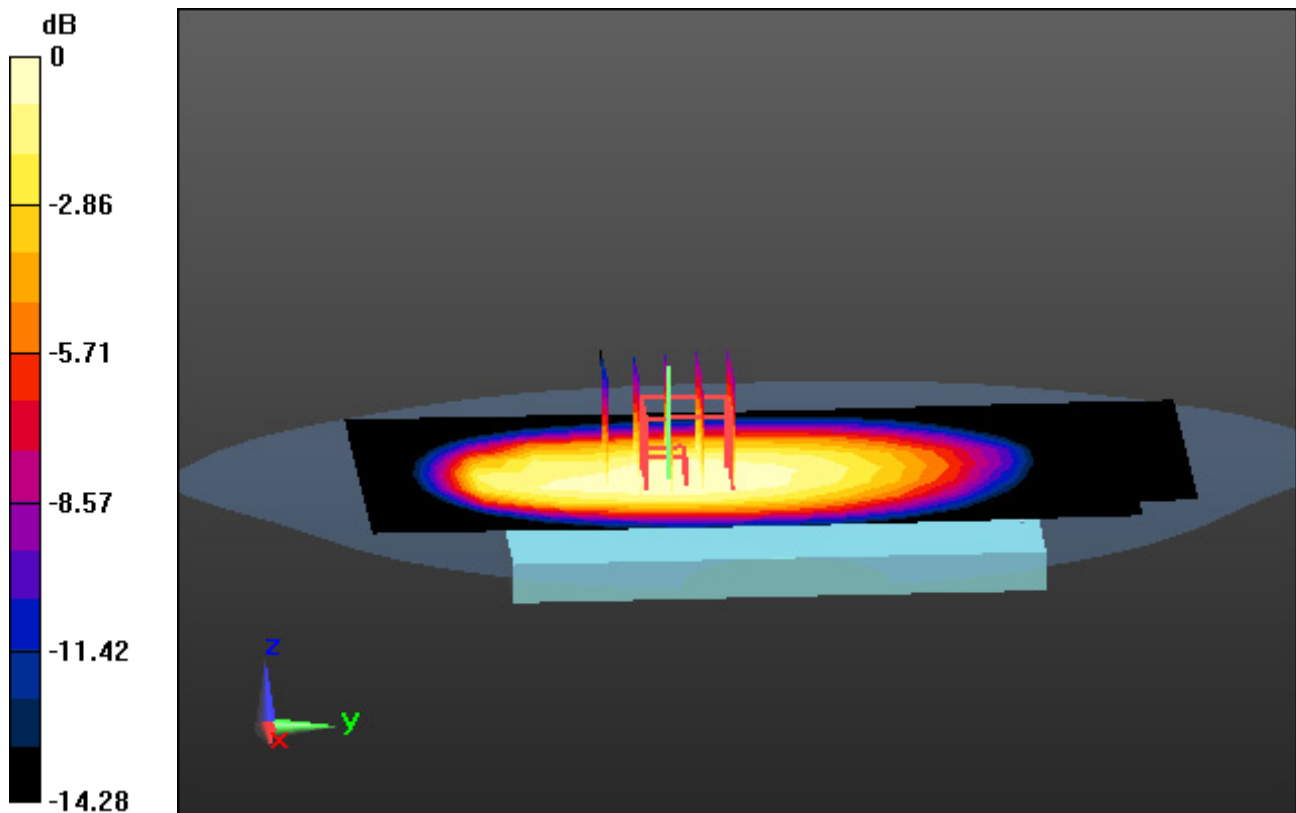
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.809 W/kg

**SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.291 W/kg**



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.928 \text{ S/m}$ ;  $\epsilon_r = 41.528$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-08; Ambient Temp: 21.9; Tissue Temp: 21.8

**1 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal**

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

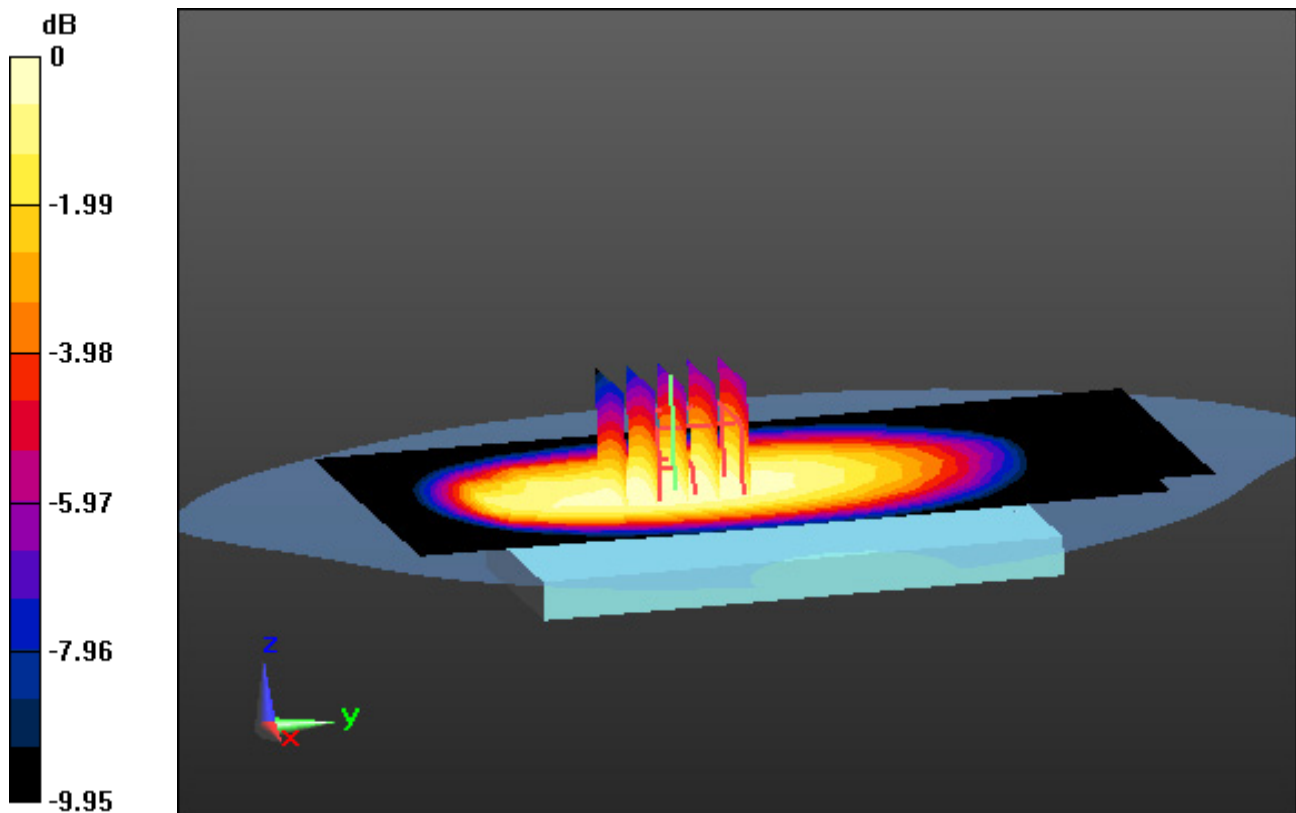
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.666 W/kg

**SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.430 W/kg**



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.921 \text{ S/m}$ ;  $\epsilon_r = 41.777$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020; Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-06; Ambient Temp: 21.0; Tissue Temp: 20.9

**1 cm space from Body, Rear, LTE Band 14 Ch. 23330, Ant Internal**

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

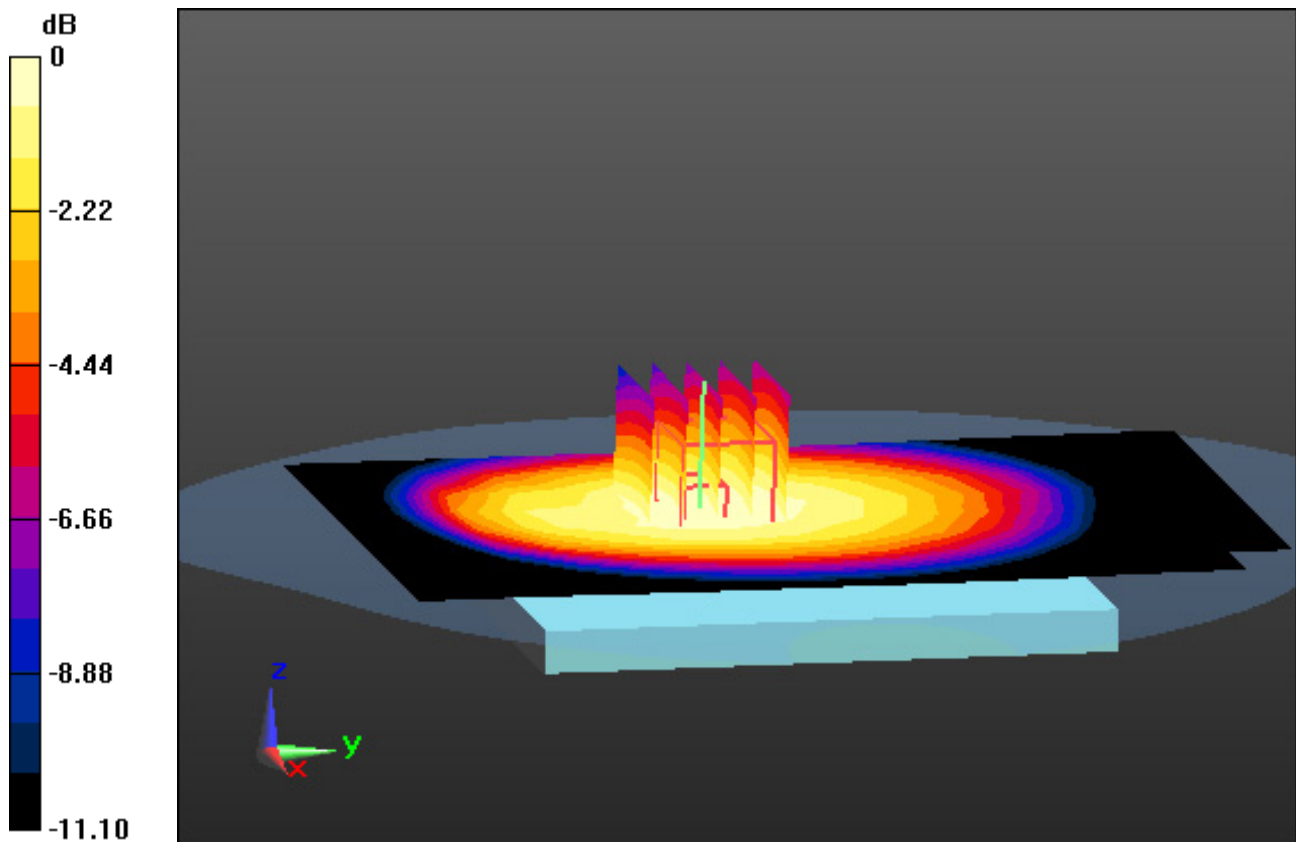
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.657 W/kg

**SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.381 W/kg**



0 dB = 0.591 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.917 \text{ S/m}$ ;  $\epsilon_r = 42.826$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-10; Ambient Temp: 21.2; Tissue Temp: 21.1

**1 cm space from Body, Rear, LTE Band 26 Ch. 26865, Ant Internal**

**Mode : BandWidth 15 MHz, QPSK, RB Size: 1**

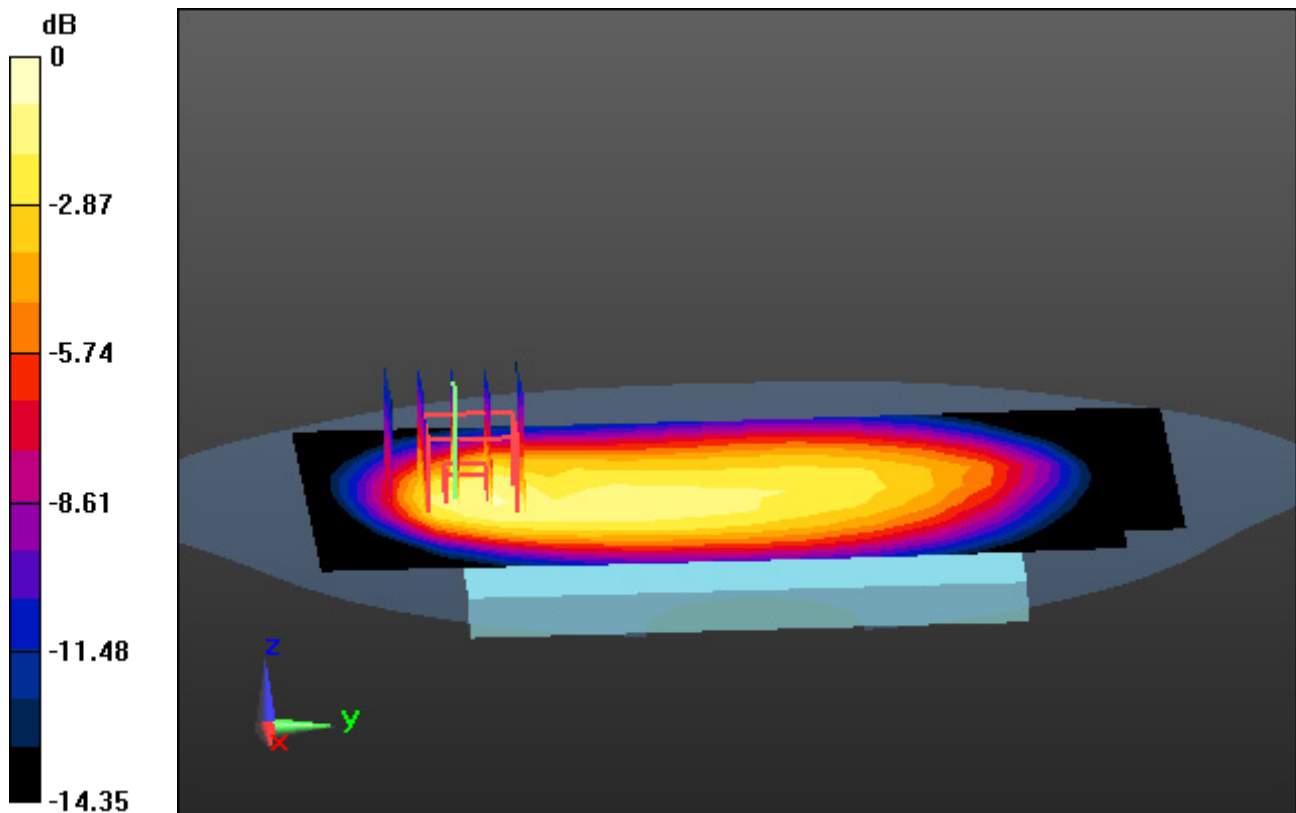
**Area Scan (9x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.397 W/kg**



0 dB = 0.847 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.342$  S/m;  $\epsilon_r = 39.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.34, 5.34, 5.34); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-02-25; Ambient Temp: 21.2; Tissue Temp: 21.0

**1 cm space from Body, Rear, LTE Band 66 Ch. 132322, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

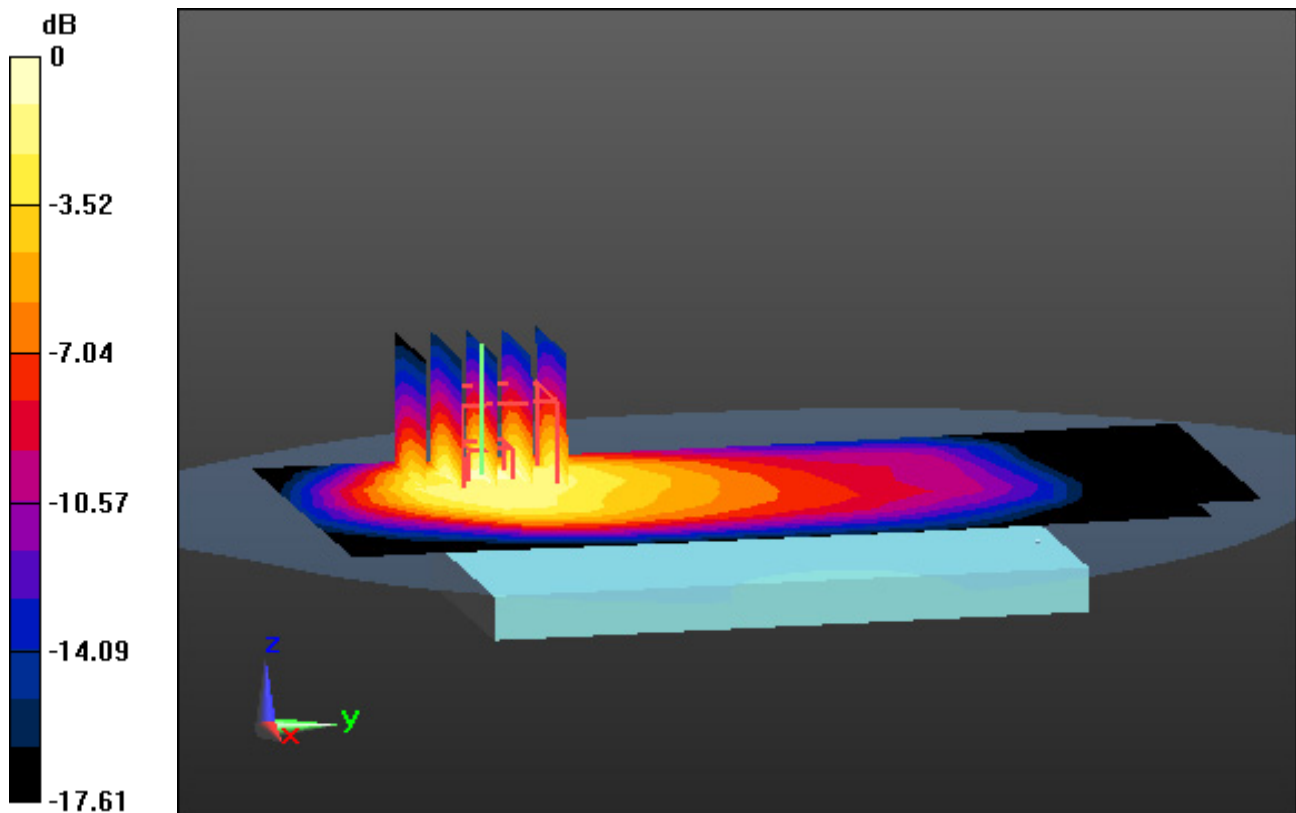
**Area Scan (8x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.642 W/kg**



0 dB = 1.48 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.916$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3328; ConvF(5.09, 5.09, 5.09); Calibrated: 3/25/2020 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2021-03-11; Ambient Temp: 20.7; Tissue Temp: 20.6

**1 cm space from Body, Rear, LTE Band 25 Ch. 26365, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

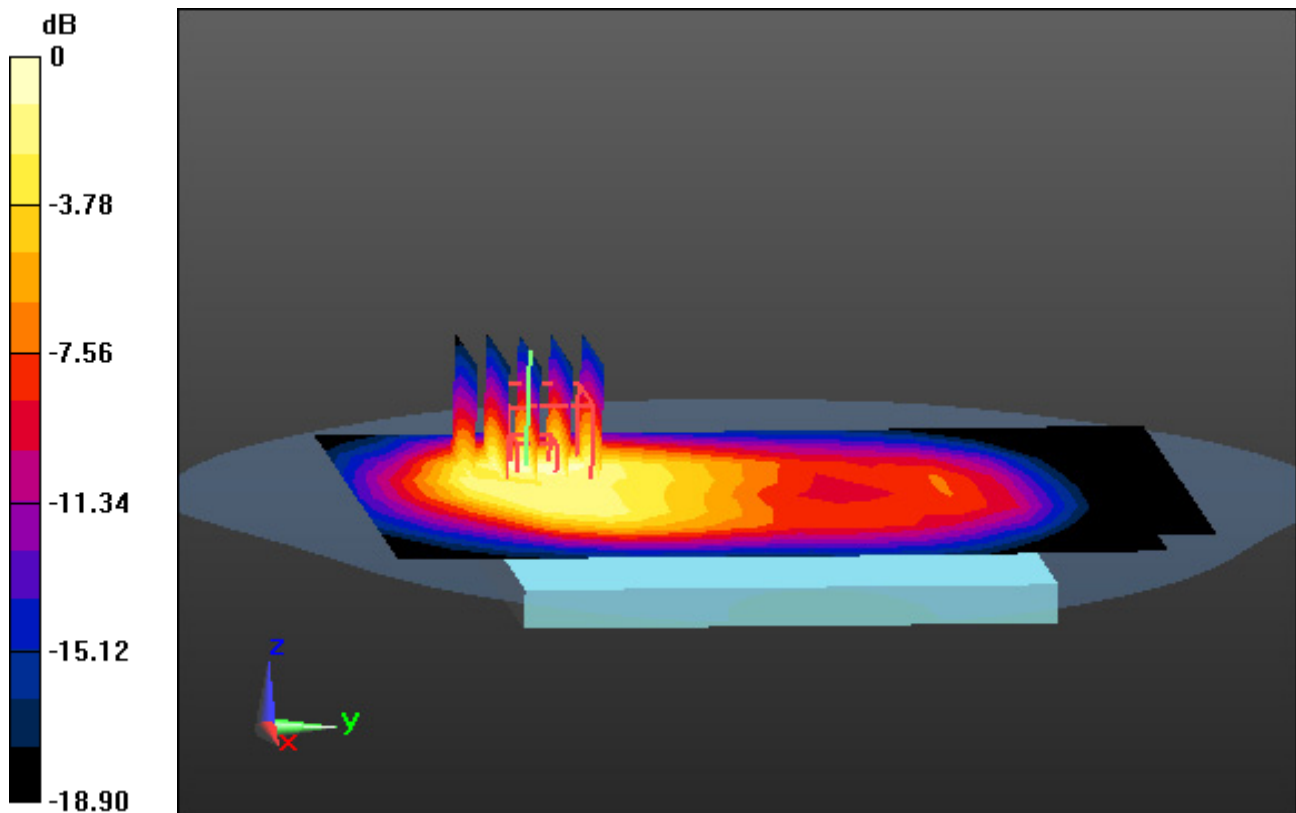
**Area Scan (9x15x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.501 W/kg**



0 dB = 1.21 W/kg



# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 7 (CE) (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.903 \text{ S/m}$ ;  $\epsilon_r = 38.694$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.38, 7.38, 7.38); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-01; Ambient Temp: 21.2; Tissue Temp: 21.1

**1 cm space from Body, Rear, LTE Band 7 Ch. 21100, Ant Internal**

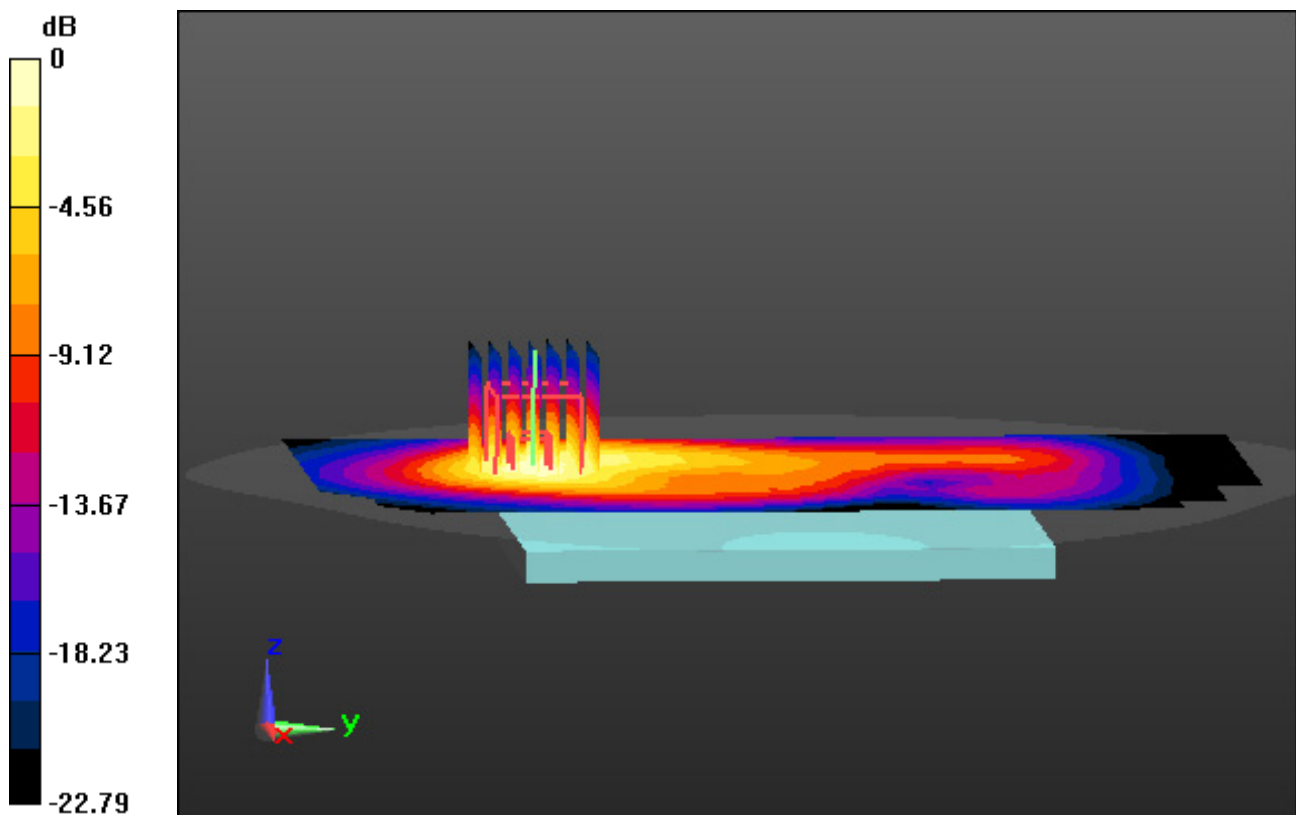
**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

**Area Scan (11x21x1):** 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 = 0.03 dB

Peak SAR (extrapolated) = 2.23 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.564 W/kg**



0 dB = 1.66 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.937$  S/m;  $\epsilon_r = 38.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-01; Ambient Temp: 20.7; Tissue Temp: 20.6

**1 cm space from Body, Rear, LTE Band 41 Ch. 40620, Ant Internal**

**Mode : BandWidth 20 MHz, QPSK, RB Size: 1**

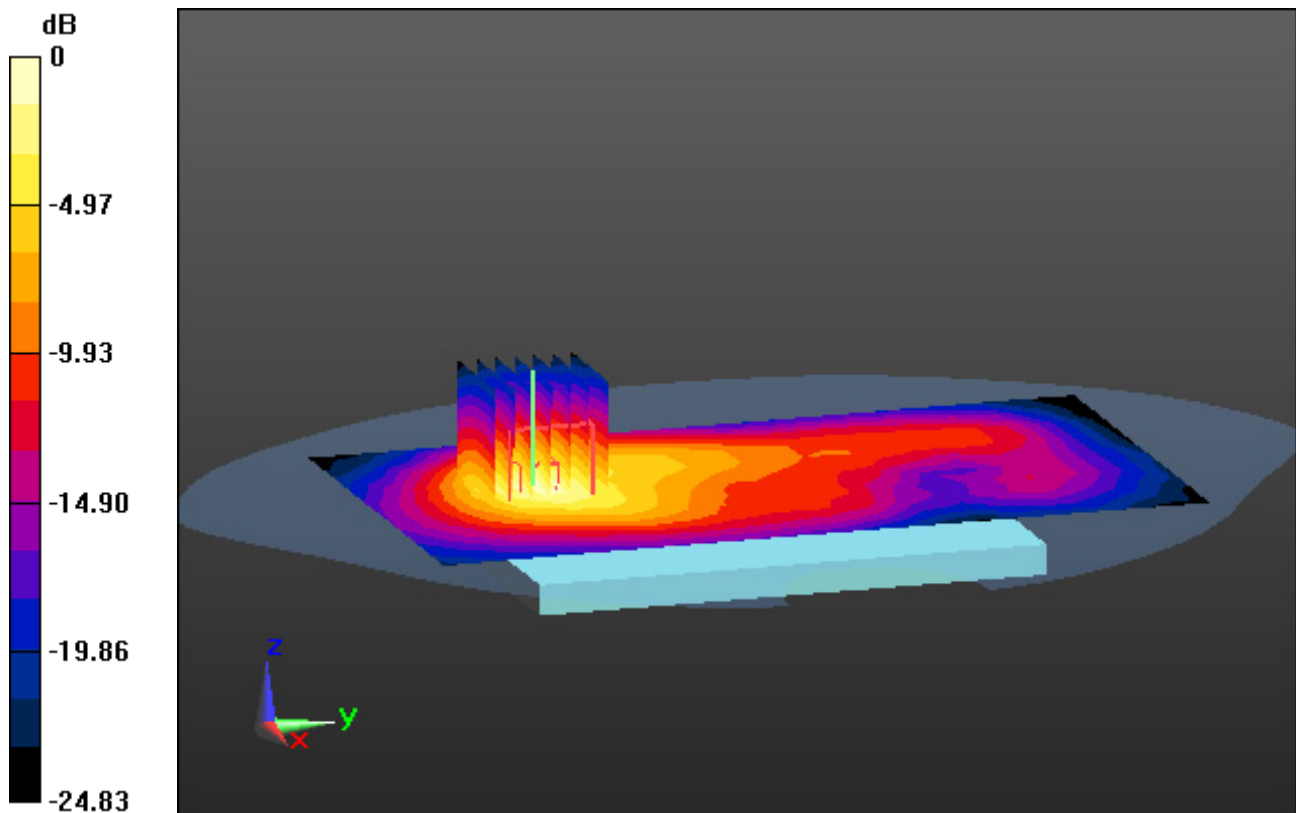
**Area Scan (10x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.24 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.521 W/kg**



0 dB = 1.44 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.788$  S/m;  $\epsilon_r = 40.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: ES3DV3 - SN3327; ConvF(4.68, 4.68, 4.68); Calibrated: 1/27/2021 Electronics: DAE3 Sn520  
Sensor-Surface: 3mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-04-12; Ambient Temp: 20.1; Tissue Temp: 20.0

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

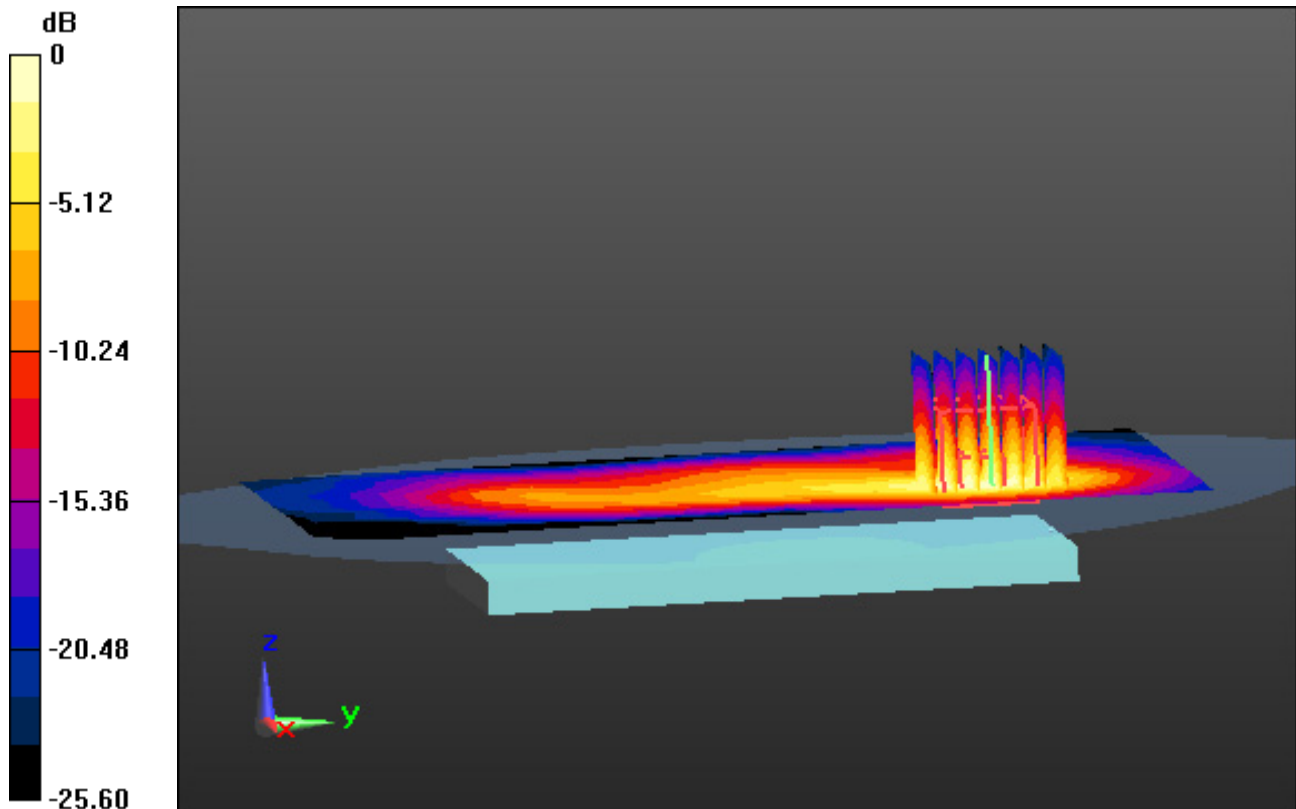
**Area Scan (11x18x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.619 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.147 W/kg**



0 dB = 0.407 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5190 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.589$  S/m;  $\epsilon_r = 35.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.09, 5.09, 5.09); Calibrated: 5/27/2020 Electronics: DAE4 Sn1485

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-13; Ambient Temp: 20.9; Tissue Temp: 20.8

**1 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 38, Ant Internal**

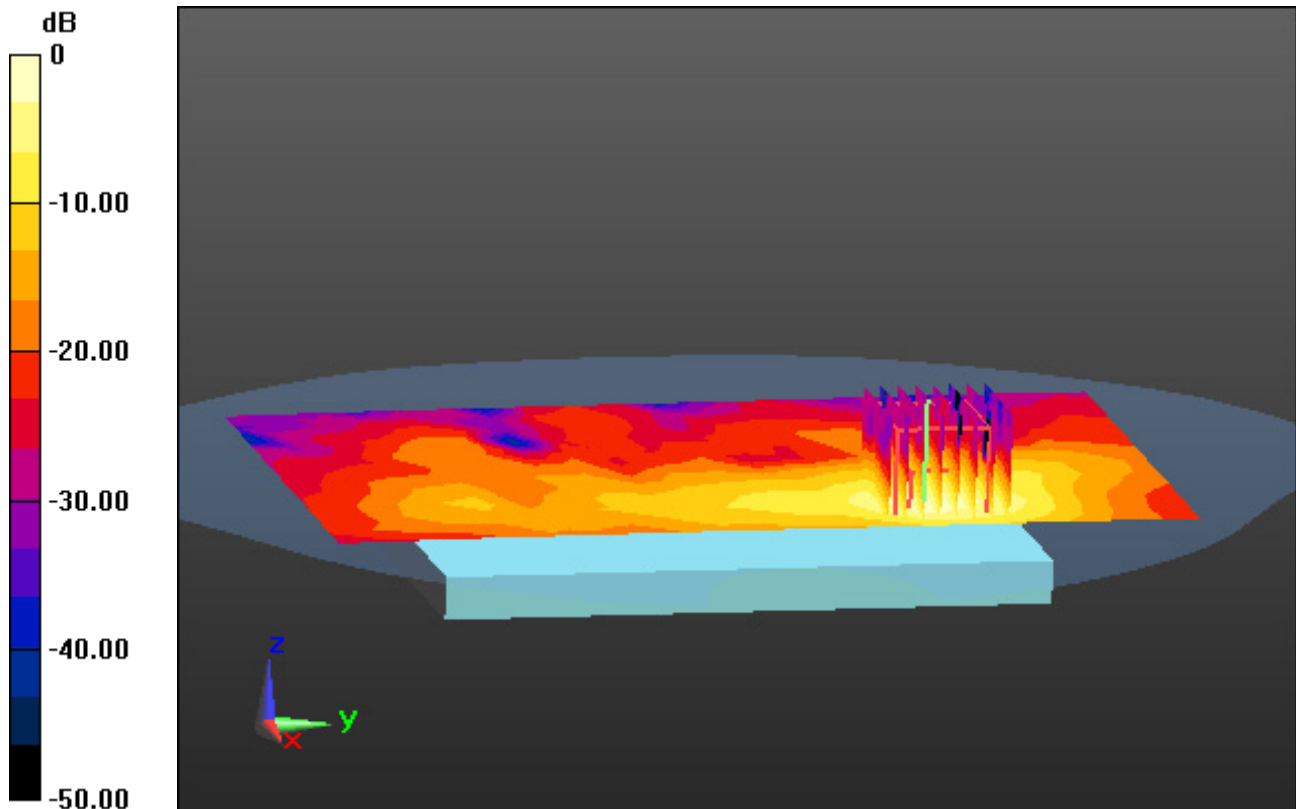
**Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.98 W/kg

**SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.268 W/kg**



0 dB = 1.87 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN\_5200 (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5210$  MHz;  $\sigma = 4.617$  S/m;  $\epsilon_r = 35.469$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3866; ConvF(5.09, 5.09, 5.09); Calibrated: 5/27/2020 Electronics: DAE4 Sn1485

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-13; Ambient Temp: 20.9; Tissue Temp: 20.8

**1 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 42, Ant Internal**

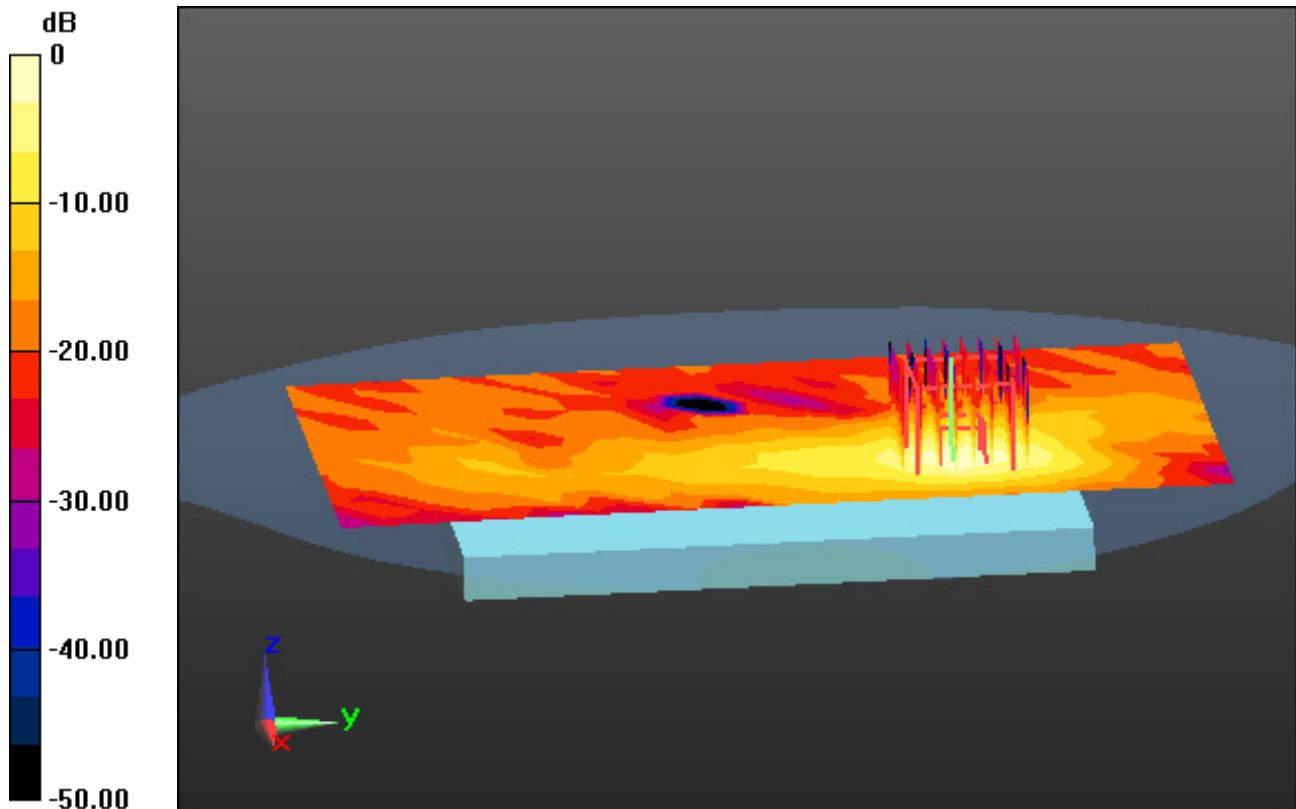
**Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.986 W/kg

**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.092 W/kg**



0 dB = 0.623 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5795$  MHz;  $\sigma = 5.335$  S/m;  $\epsilon_r = 34.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-21; Ambient Temp: 20.1; Tissue Temp: 20.0

**1 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 159, Ant Internal**

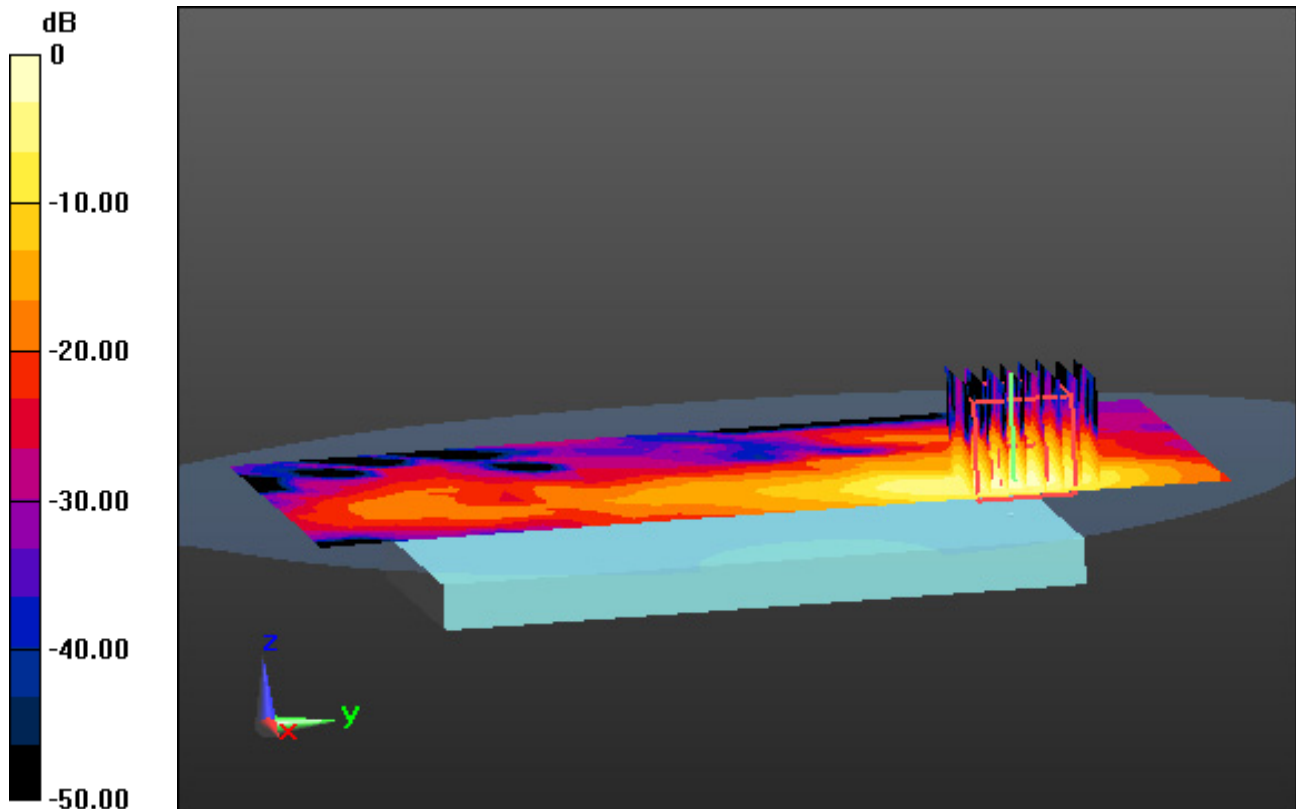
**Area Scan (12x21x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 4.38 W/kg

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.359 W/kg**



0 dB = 2.71 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

Communication System: UID 0, W-LAN\_5800 (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.314$  S/m;  $\epsilon_r = 34.914$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2021-04-21; Ambient Temp: 20.1; Tissue Temp: 20.0

**1 cm space from Body, Left, WLAN(802.11ac VHT80) Ch. 155, Ant Internal**

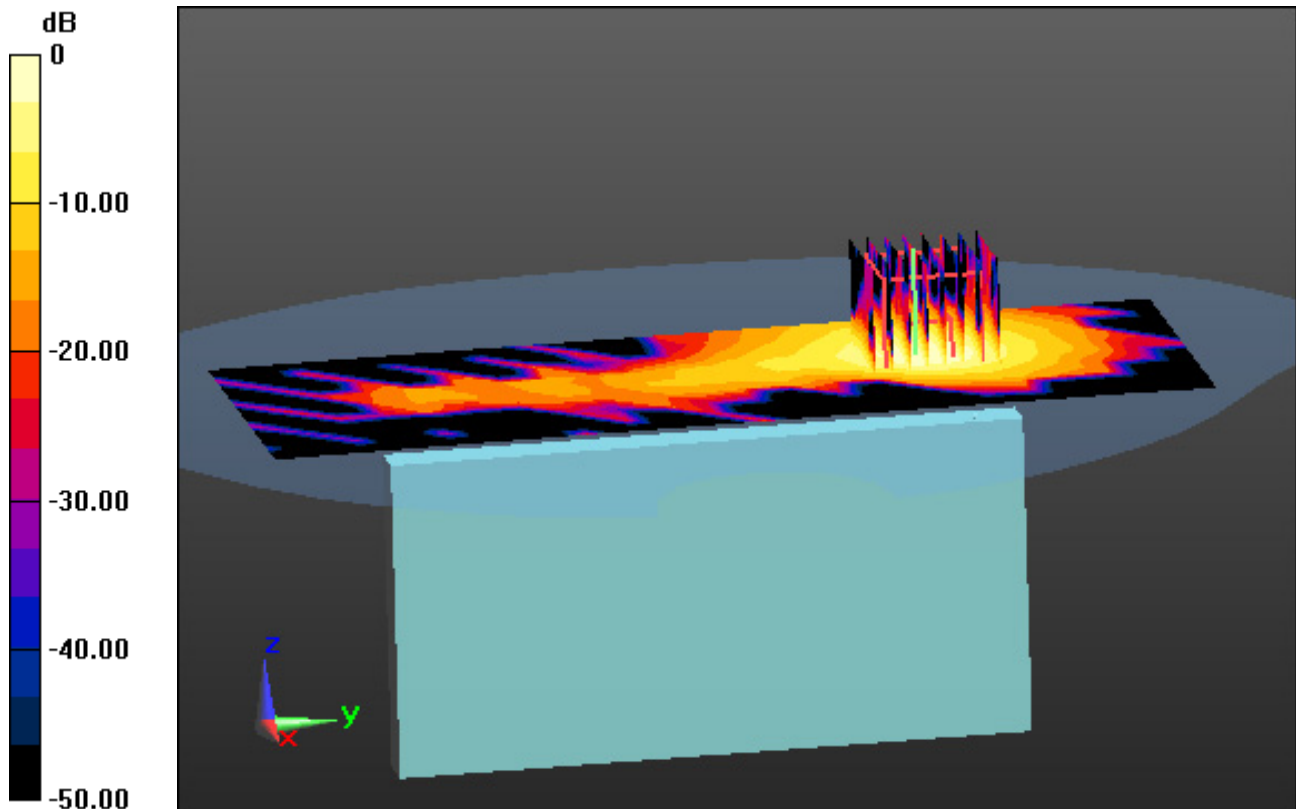
**Area Scan (9x22x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.831 W/kg

**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.068 W/kg**



0 dB = 0.491 W/kg

# DT&C Co., Ltd.

**DUT: PM30; Type: Bar**

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

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 39.65$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

## **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 7/31/2020 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2021-03-24; Ambient Temp: 20.4; Tissue Temp: 21.0

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

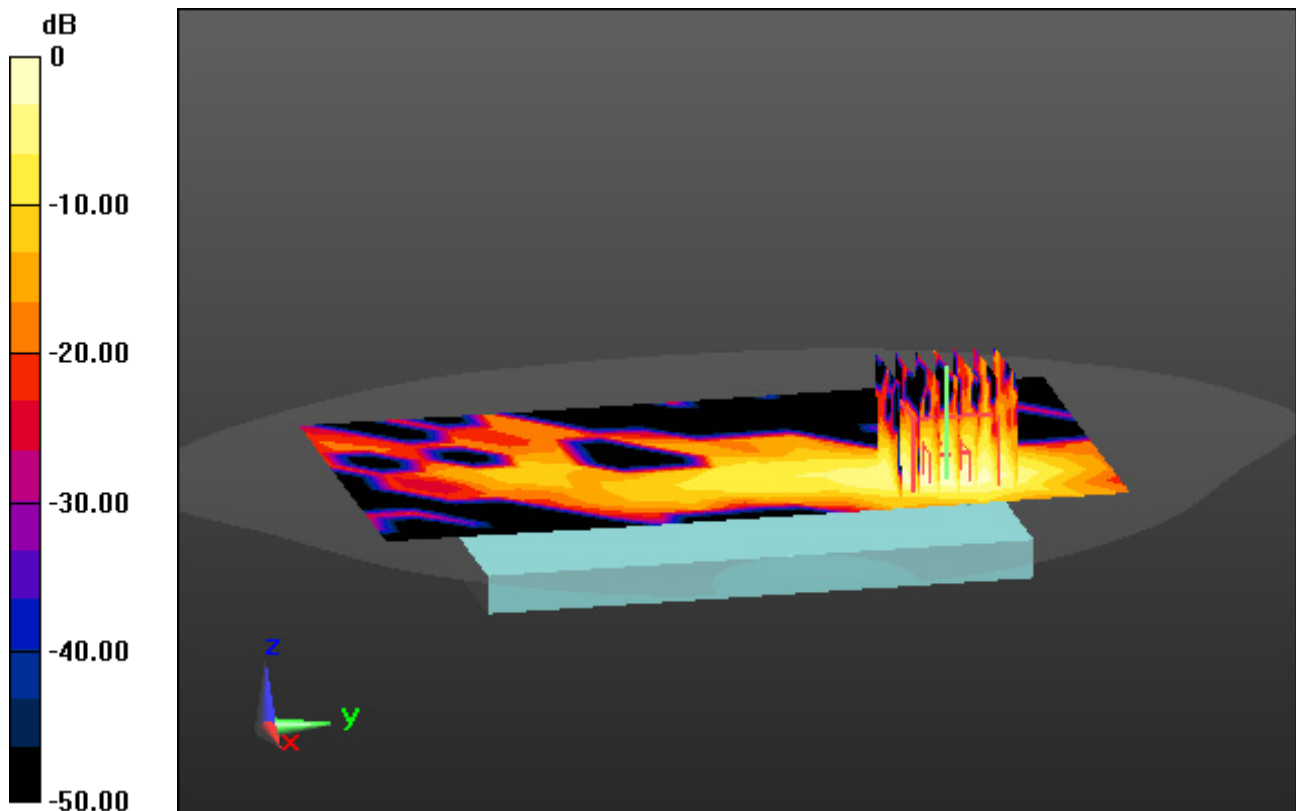
**Area Scan (10x17x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0790 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00778 W/kg**



0 dB = 0.0337 W/kg