# SAR Plots

- Verification Plots
- SAR Test Plots

# DT&C Co., Ltd.

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

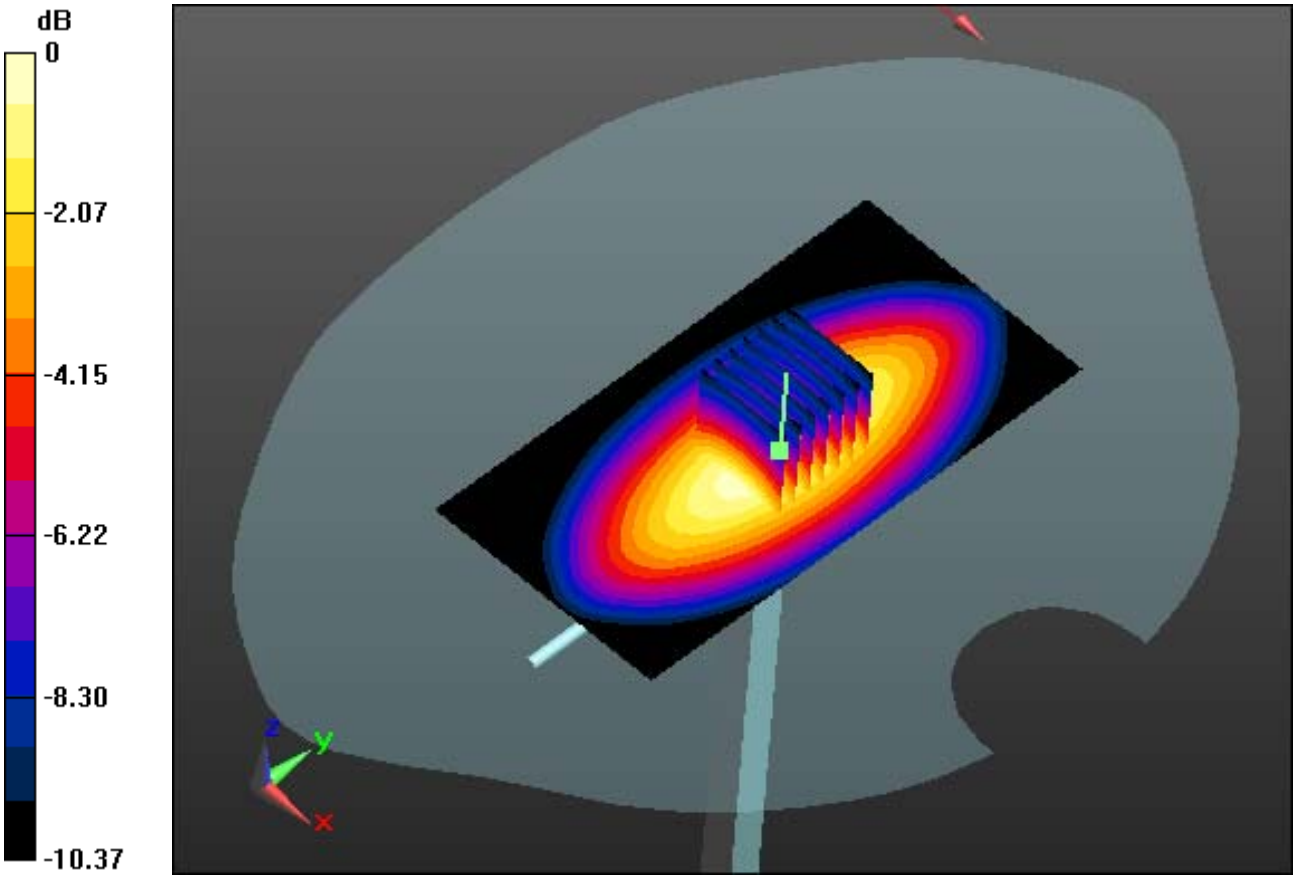
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 0.906 S/m; $\varepsilon_r$ = 41.675; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp:21.7

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.69 W/kg
**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.65 W/kg**




0 dB = 2.93 W/kg

# DT&C Co., Ltd.

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

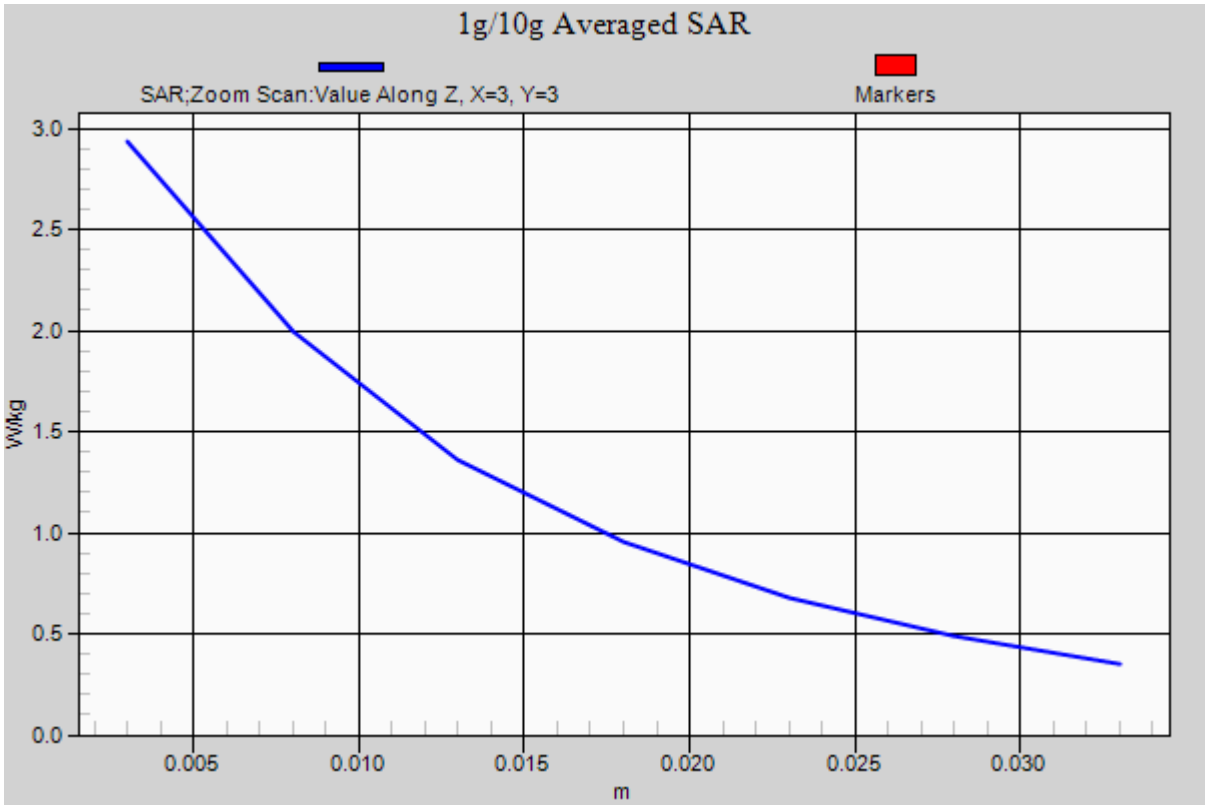
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 0.906 S/m; $\varepsilon_r$ = 41.675; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp:21.7

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.69 W/kg
**SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.65 W/kg**



# DT&C Co., Ltd.

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

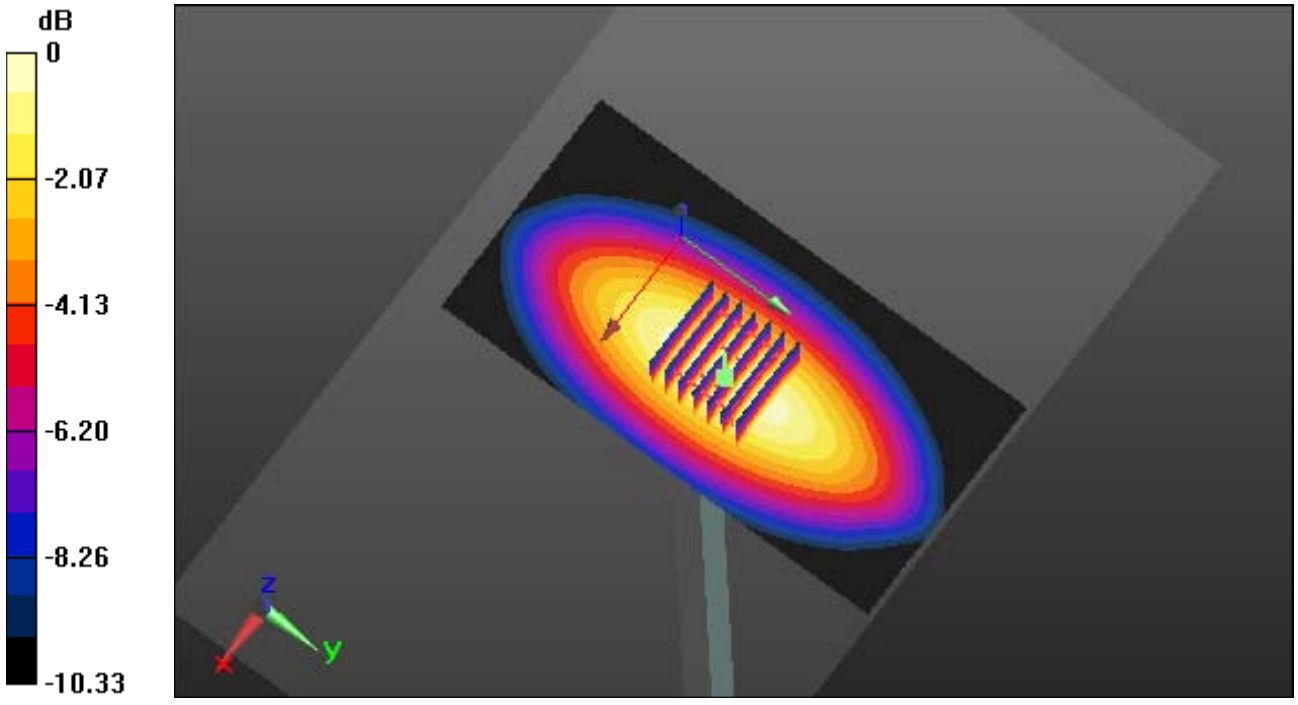
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 1.006 S/m; $\varepsilon_r$ = 53.273; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2 Tissue Temp:21.7

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 4.36 W/kg
**SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.69 W/kg**




0 dB = 3.37 W/kg

# DT&C Co., Ltd.

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

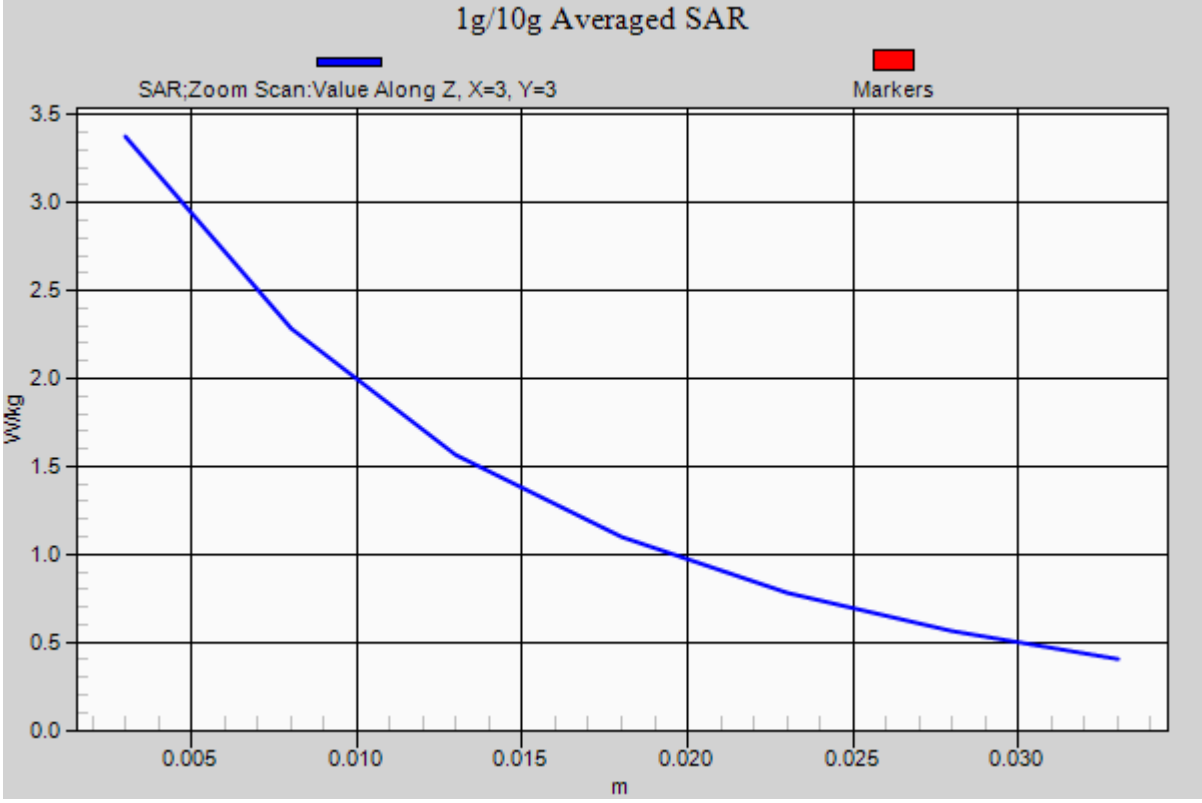
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 1.006 S/m; $\varepsilon_r$ = 53.273; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2 Tissue Temp:21.7

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 4.36 W/kg
**SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.69 W/kg**



# DT&C Co., Ltd.

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

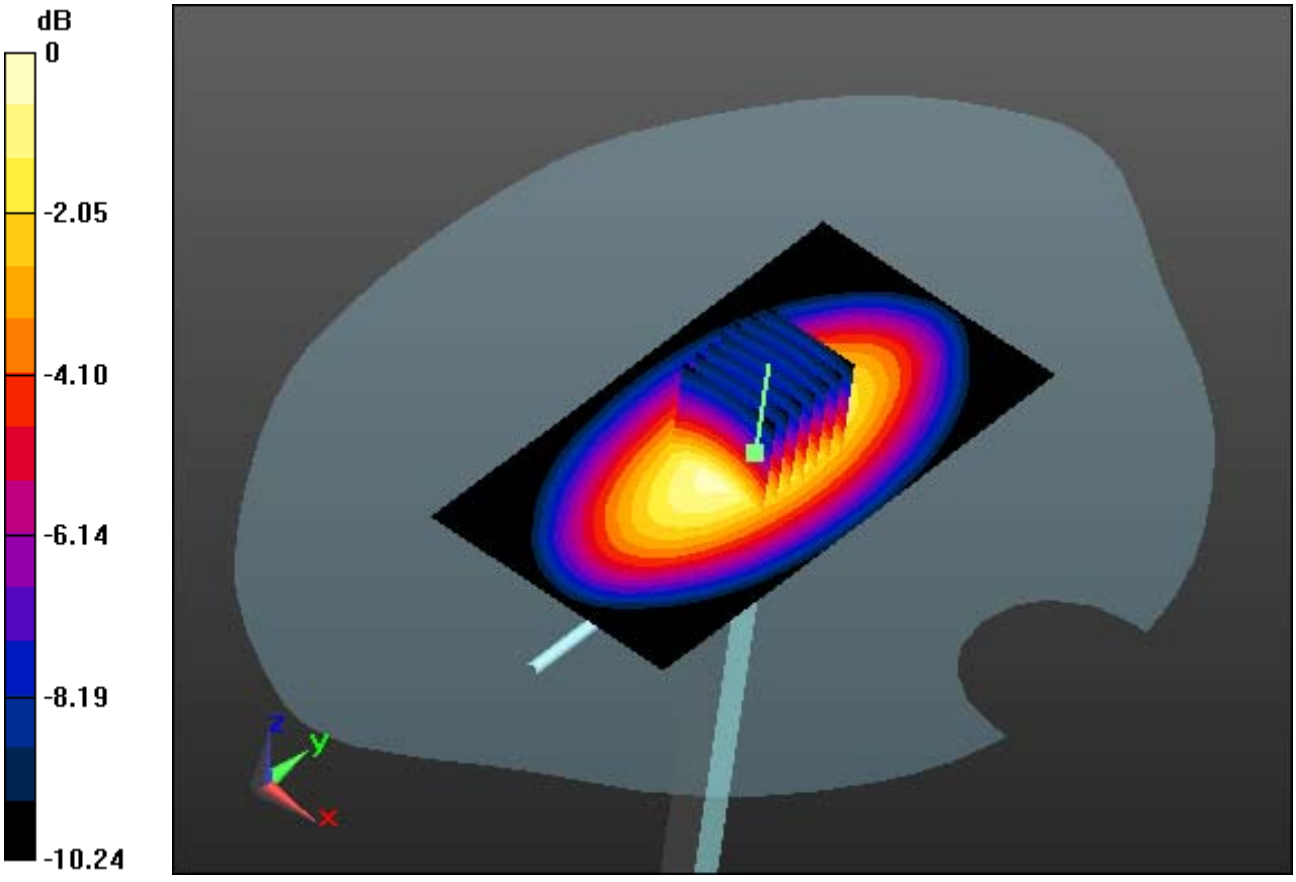
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 0.908 S/m; $\varepsilon_r$ = 41.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp:21.9

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated 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) = 3.66 W/kg
**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.59 W/kg**




0 dB = 2.89 W/kg

# DT&C Co., Ltd.

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

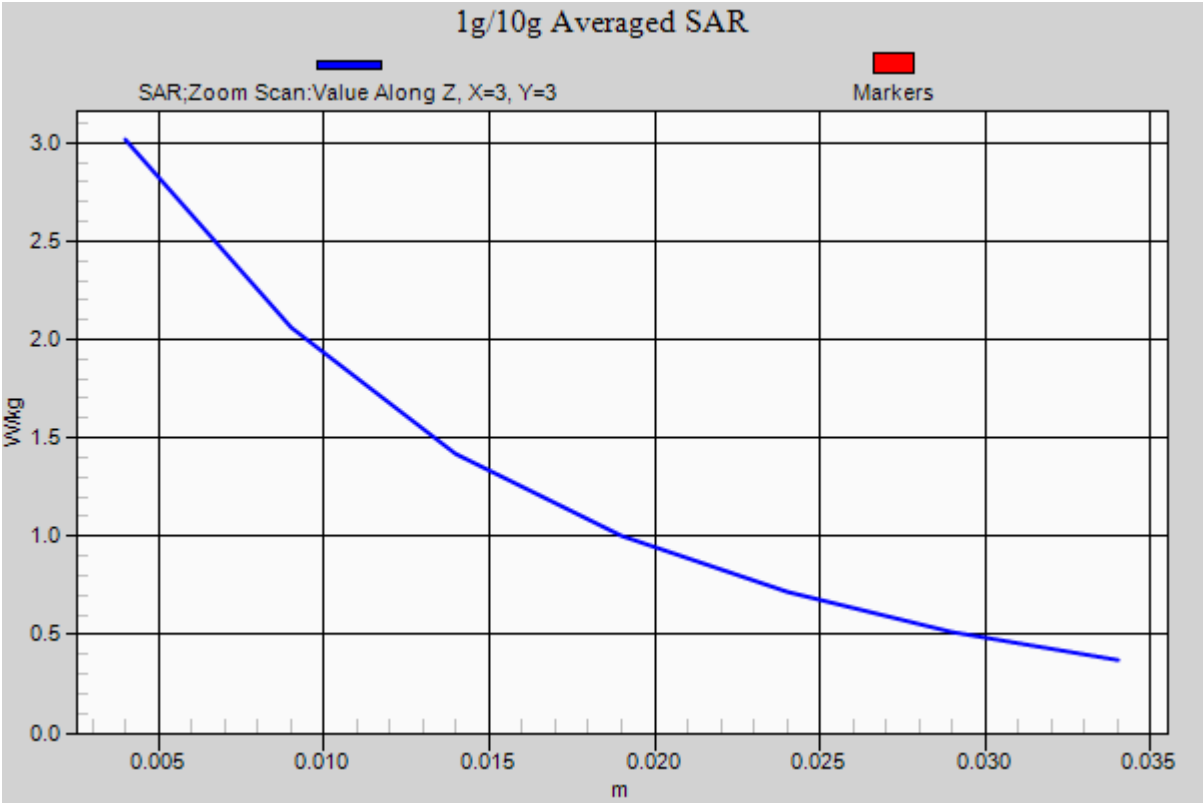
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 0.908 S/m; $\varepsilon_r$ = 41.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp:21.9

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated 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) = 3.66 W/kg
**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.59 W/kg**



# DT&C Co., Ltd.

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

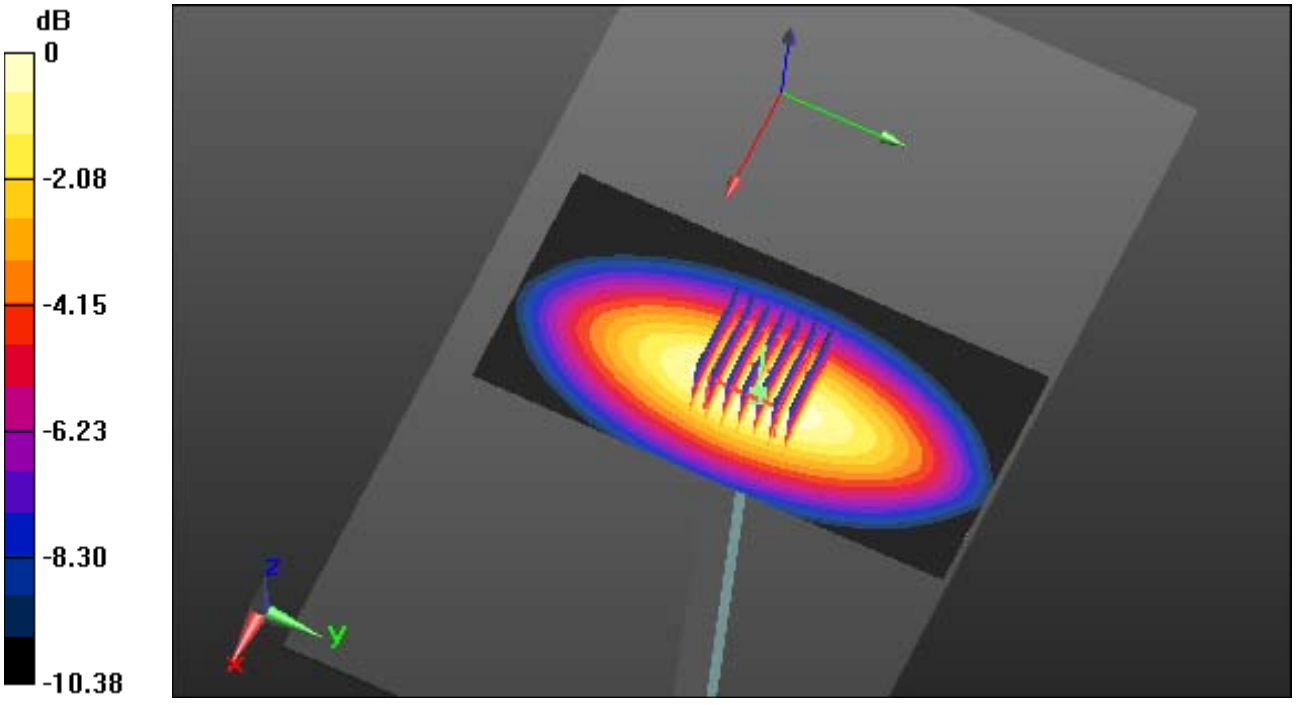
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 1.004 S/m; $\varepsilon_r$ = 53.602; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4 Tissue Temp:21.9

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.02 W/kg
**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.59 W/kg**




0 dB = 3.06 W/kg

# DT&C Co., Ltd.

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

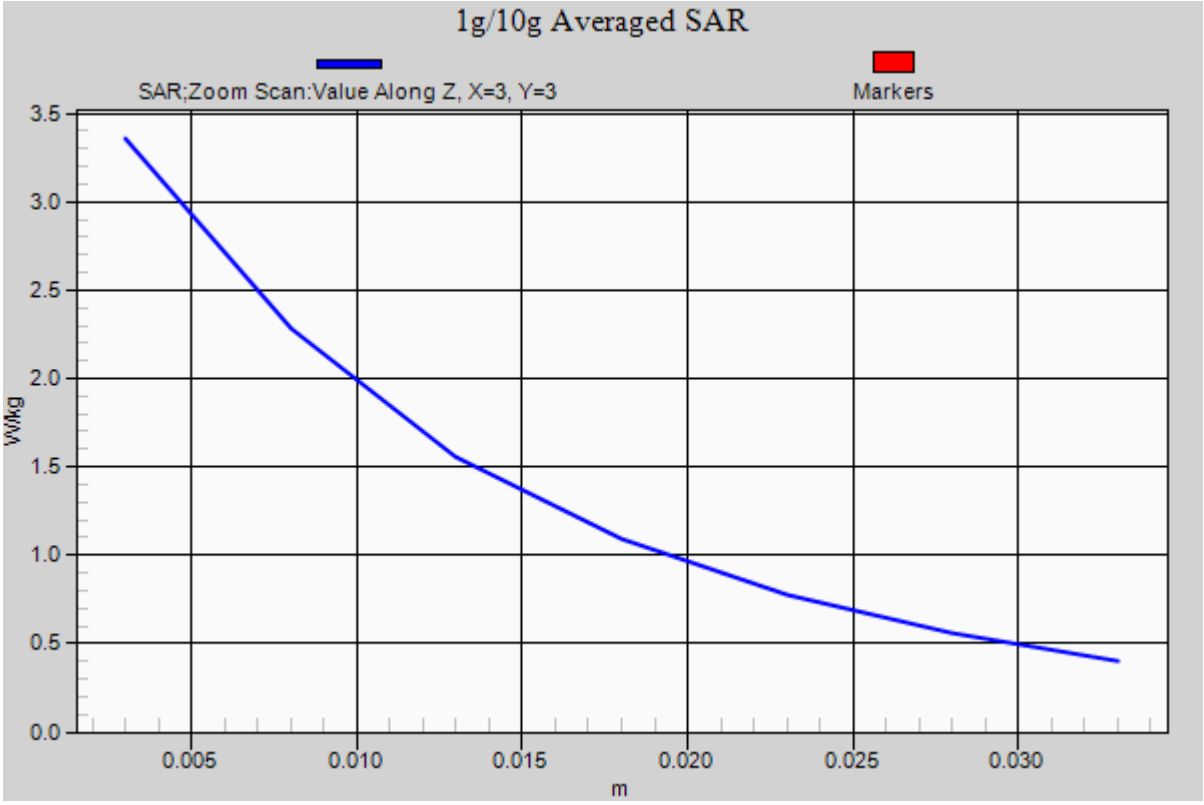
Communication System: CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; $\sigma$ = 1.004 S/m; $\varepsilon_r$ = 53.602; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4 Tissue Temp:21.9

## 835 MHz System Verification

**Area Scan (51x101x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.02 W/kg
**SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.59 W/kg**



# DT&C Co., Ltd.

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

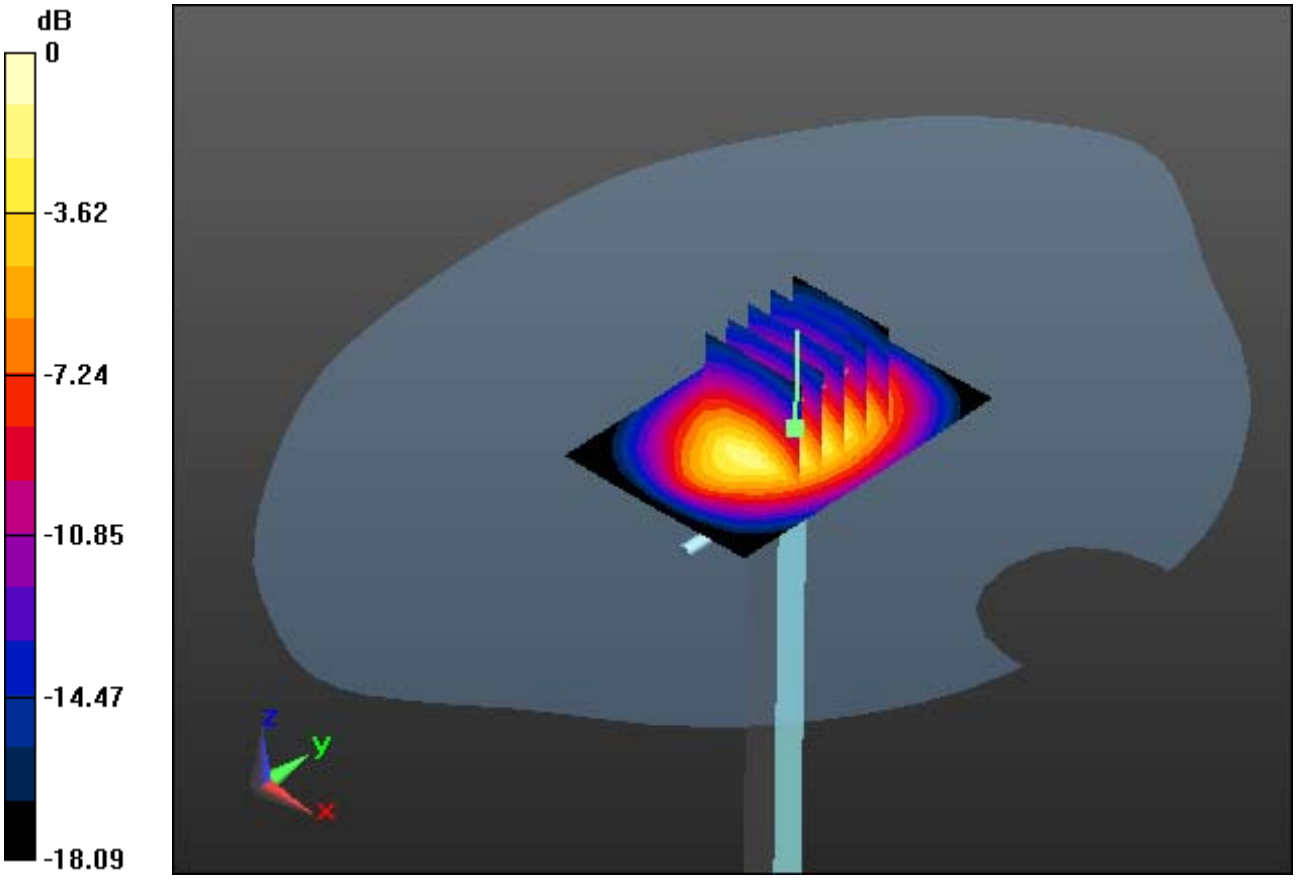
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.422 S/m; $\varepsilon_r$ = 40.16; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp:21.6

## 1900 MHz System Verification

**Area Scan (41x61x1):** Interpolated 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) = 18.4 W/kg
**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.39 W/kg**




0 dB = 12.8 W/kg

# DT&C Co., Ltd.

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

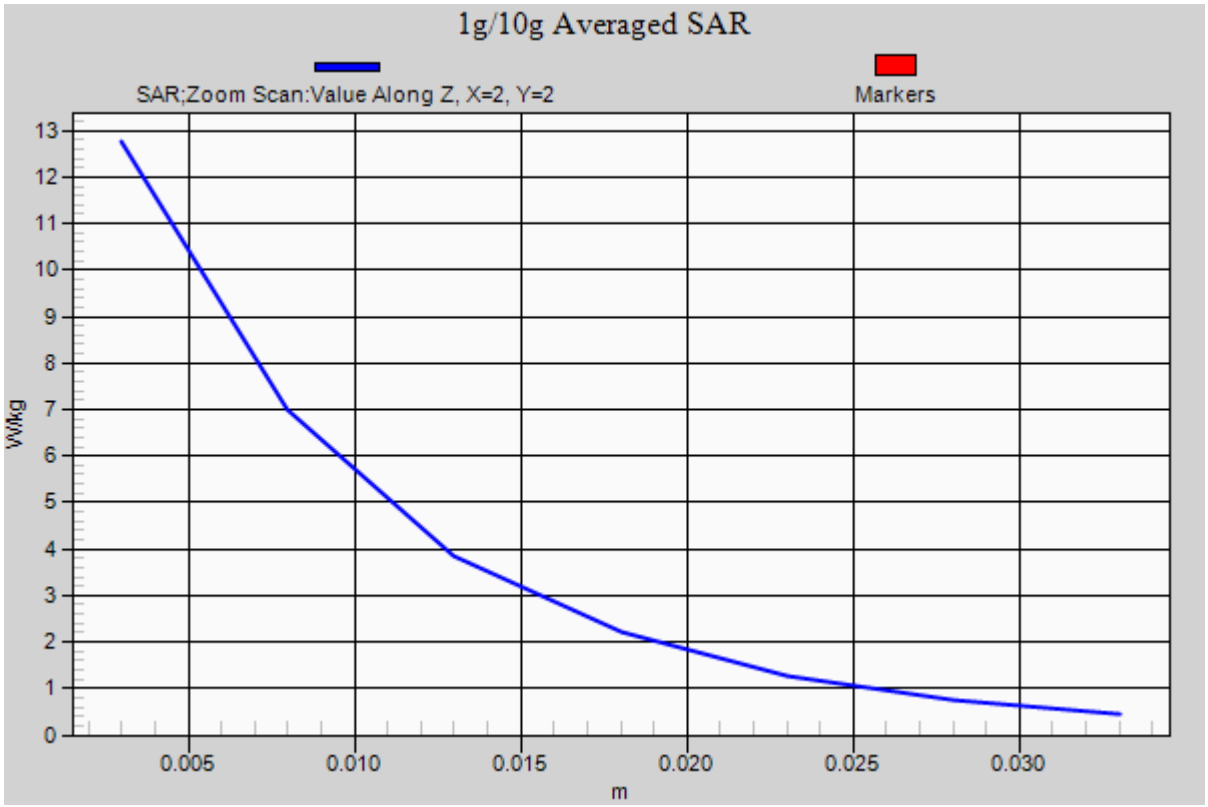
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.422 S/m; $\varepsilon_r$ = 40.16; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp:21.6

## 1900 MHz System Verification

**Area Scan (41x61x1):** Interpolated 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) = 18.4 W/kg
**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.39 W/kg**



# DT&C Co., Ltd.

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

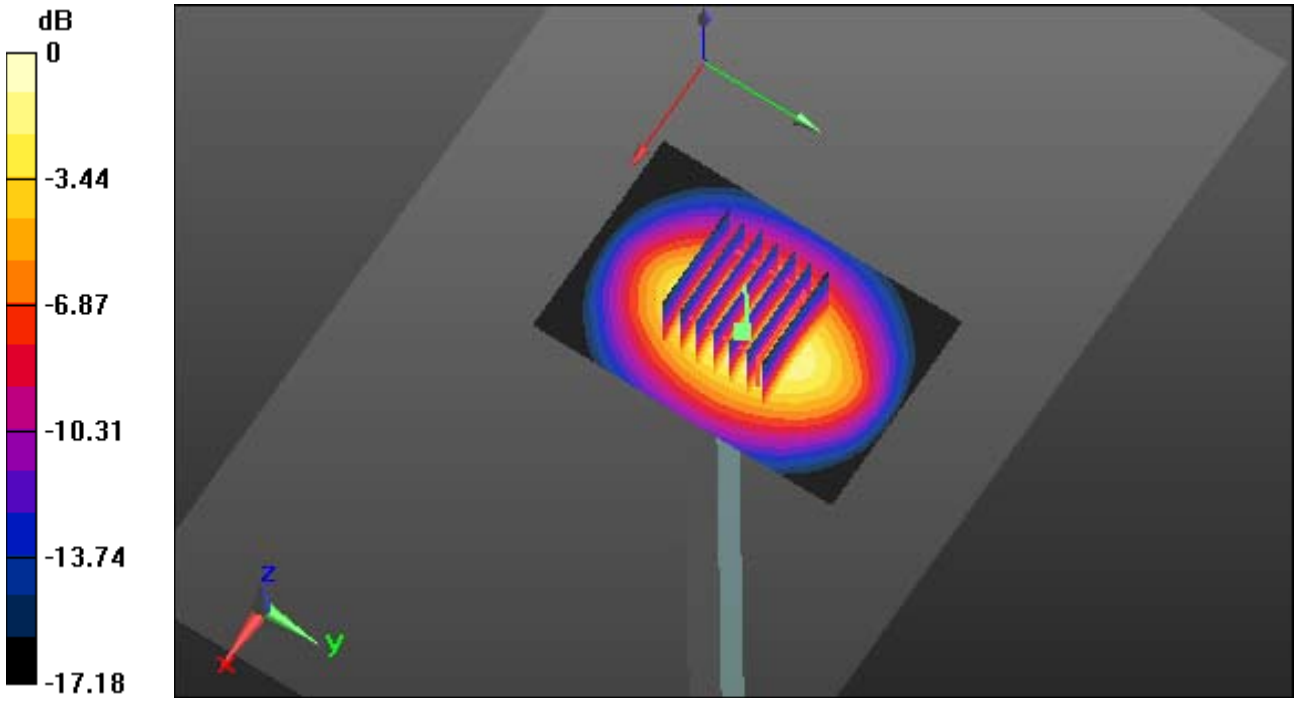
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.556 S/m; $\varepsilon_r$ = 52.409; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

## 1900 MHz System Verification

**Area Scan (61x91x1):** Interpolated 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) = 22.1 W/kg
**SAR(1 g) = 9.96 W/kg; SAR(10 g) = 5.28 W/kg**




0 dB = 16.3 W/kg

# DT&C Co., Ltd.

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

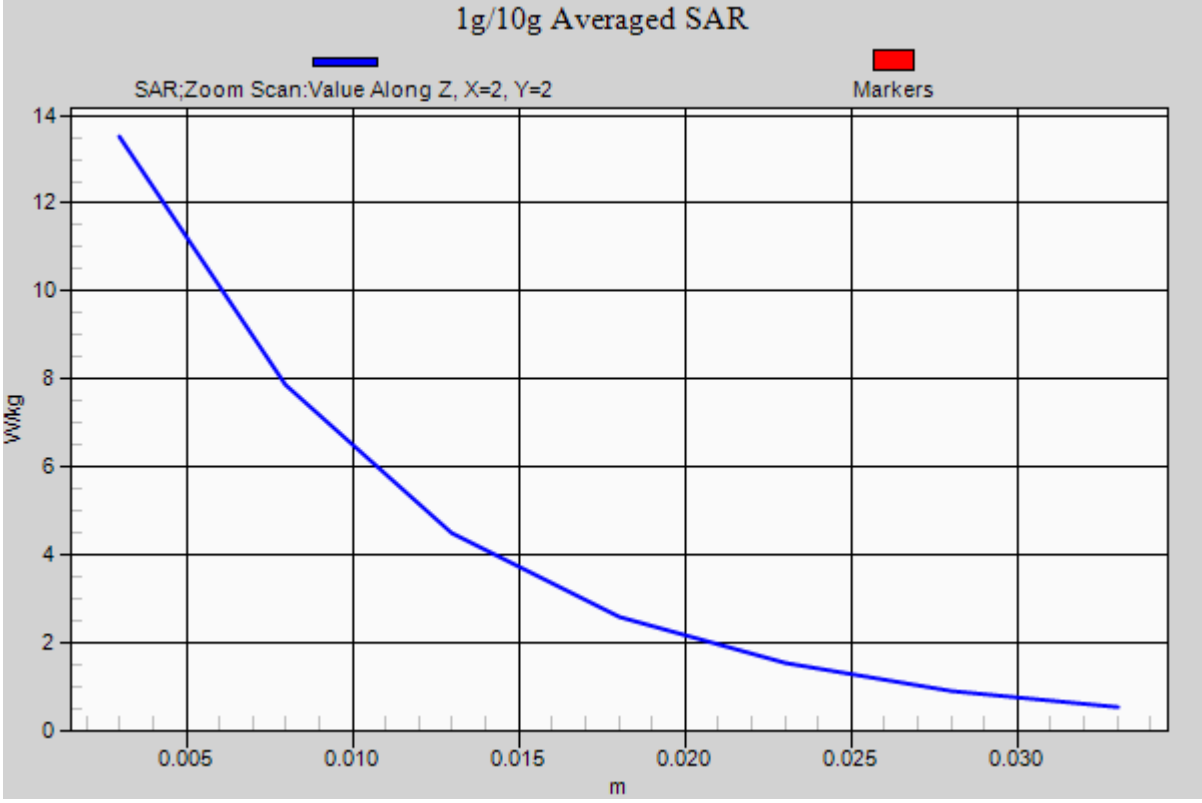
Communication System: CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.556 S/m; $\varepsilon_r$ = 52.409; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

## 1900 MHz System Verification

**Area Scan (61x91x1):** Interpolated grid: dx=15 mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 22.1 W/kg
**SAR(1 g) = 9.96 W/kg; SAR(10 g) = 5.28 W/kg**



# DT&C Co., Ltd.

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

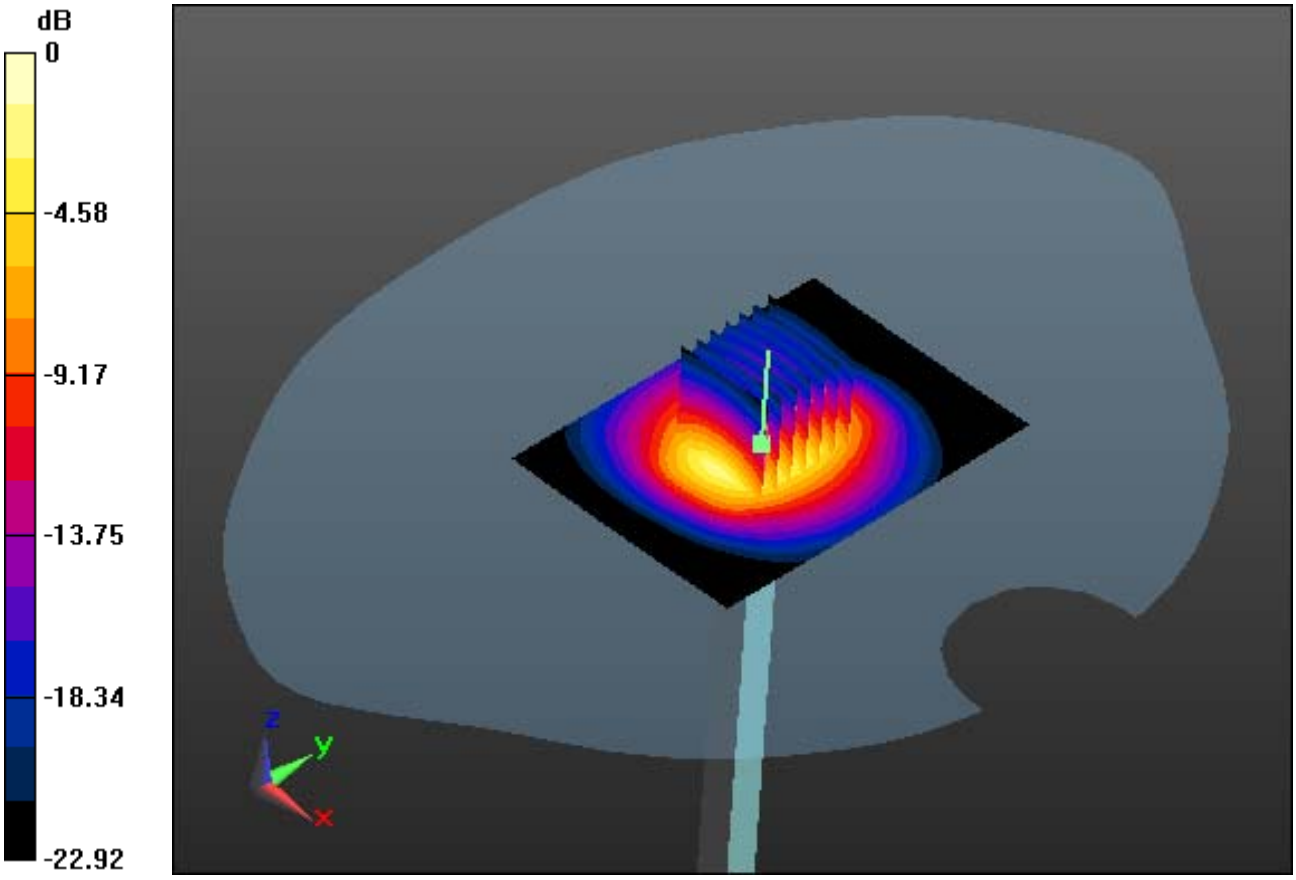
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; $\sigma$ = 1.868 S/m; $\varepsilon_r$ = 39.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp:22.0

## 2450 MHz System Verification

**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 29.6 W/kg
**SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.49 W/kg**




0 dB = 18.8 W/kg

# DT&C Co., Ltd.

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

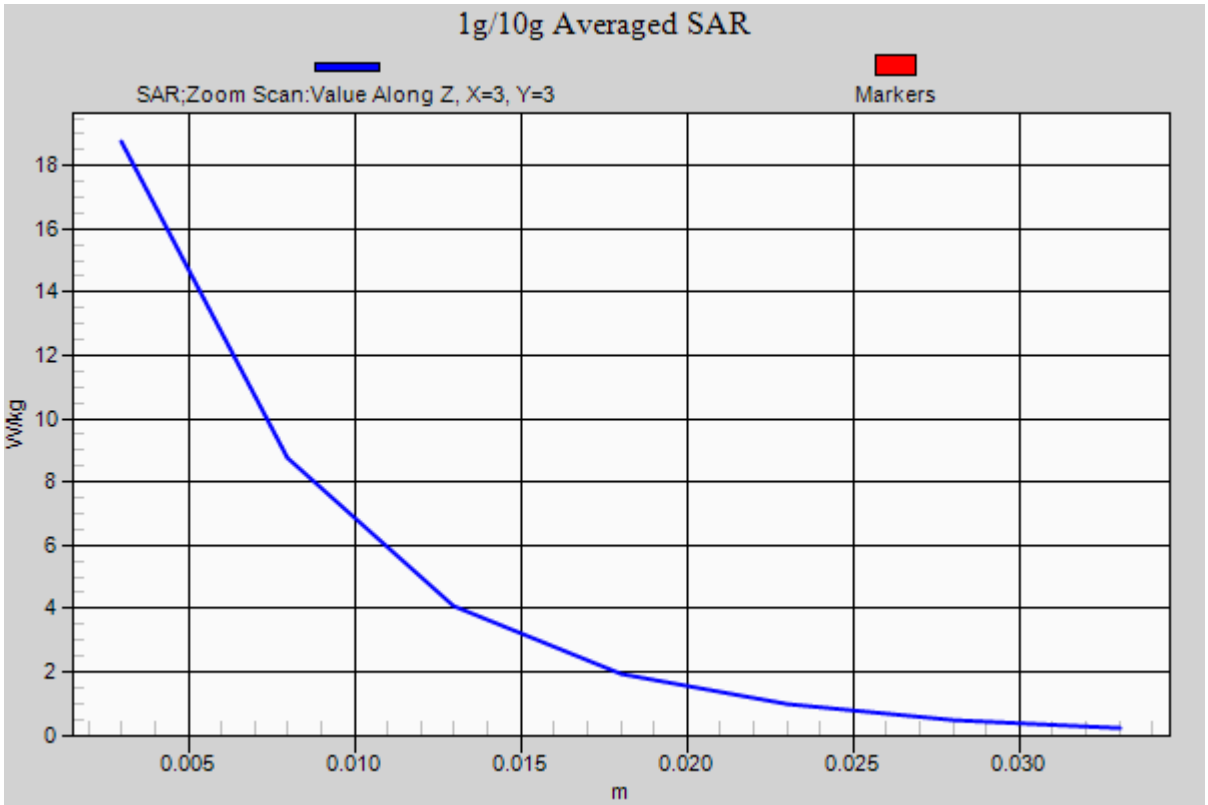
Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; $\sigma$ = 1.868 S/m; $\varepsilon_r$ = 39.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp:22.0

## 2450 MHz System Verification

**Area Scan (51x71x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 29.6 W/kg
**SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.49 W/kg**



# DT&C Co., Ltd.

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

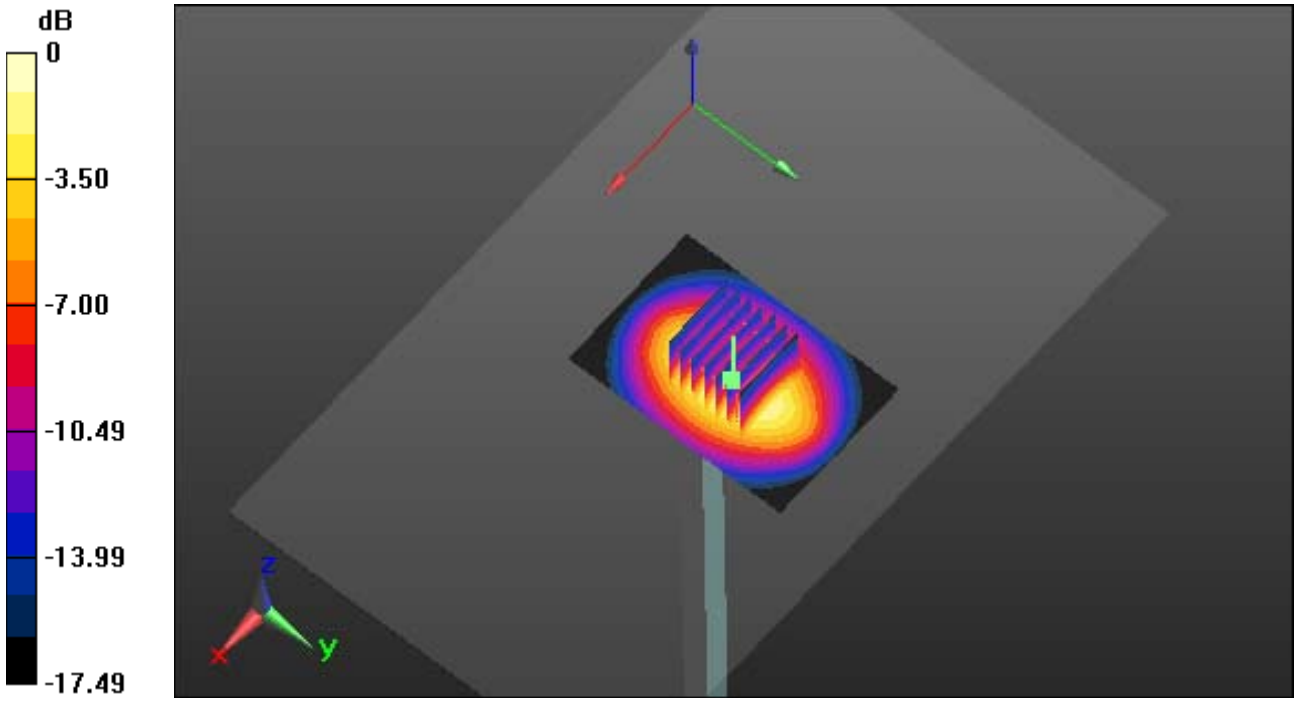
Communication System: CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; $\sigma$ = 1.975 S/m; $\varepsilon_r$ = 52.008; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5 Tissue Temp:22.0

## 2450 MHz System Verification

**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 26.9 W/kg
**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.28 W/kg**




0 dB = 18.9 W/kg

# DT&C Co., Ltd.

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

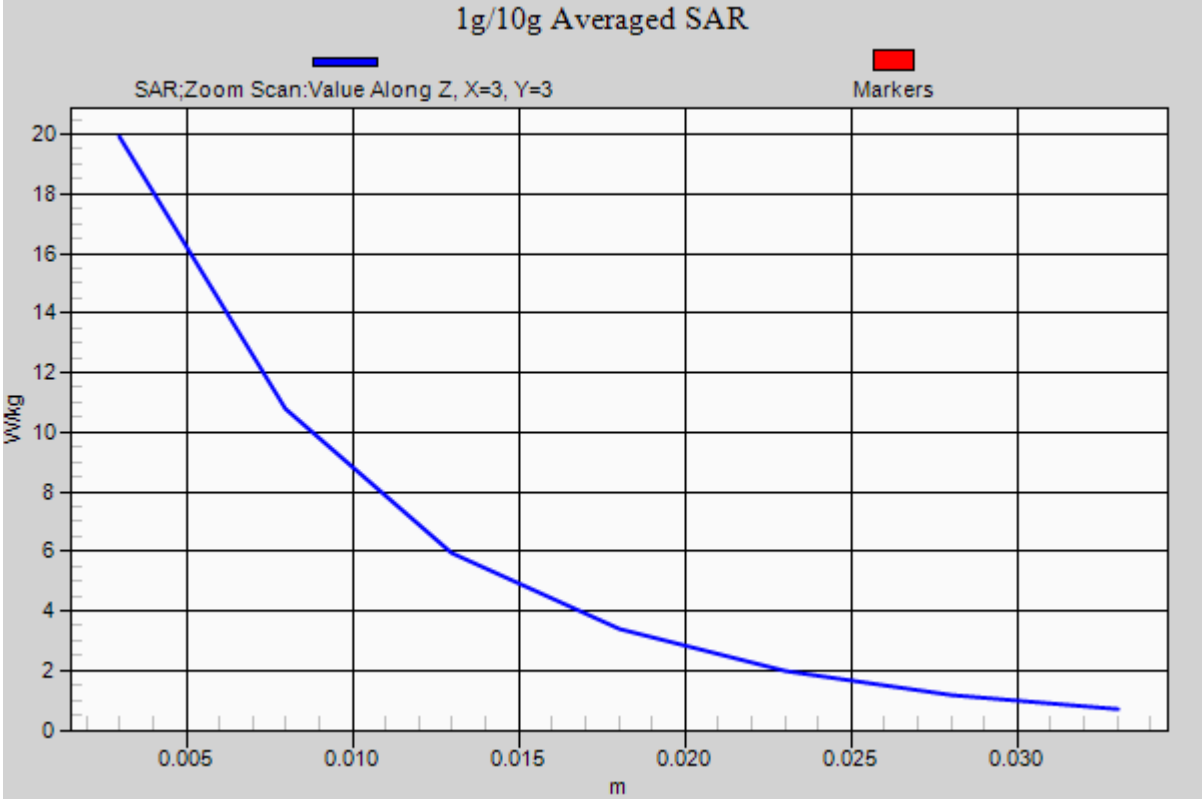
Communication System: CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; $\sigma$ = 1.975 S/m; $\varepsilon_r$ = 52.008; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; ; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5 Tissue Temp:22.0

## 2450 MHz System Verification

**Area Scan (61x91x1):** Interpolated grid: dx=10mm, dy=10mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 26.9 W/kg
**SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.28 W/kg**



# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

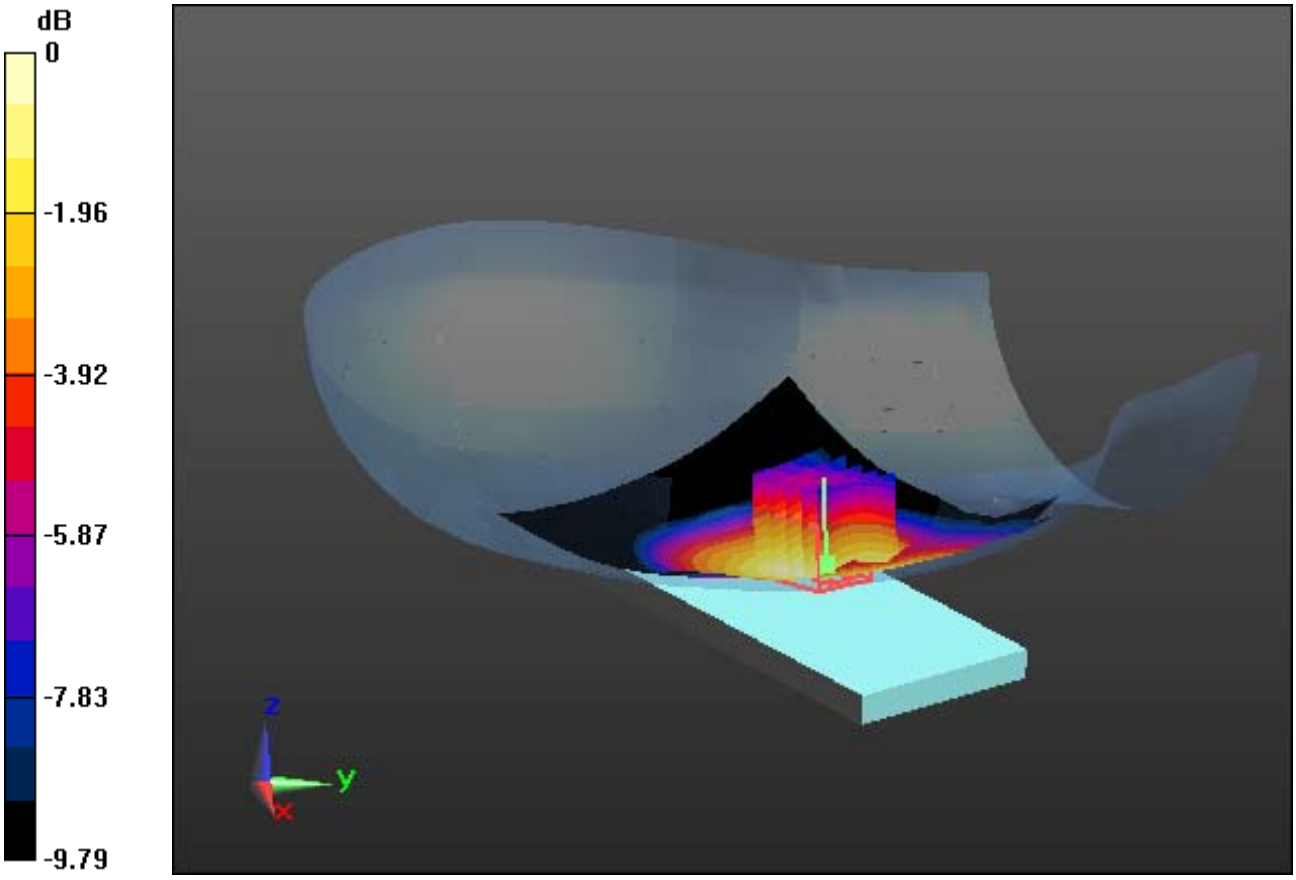
Communication System: GSM 850_12 (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; $\sigma$ = 0.91 S/m; $\varepsilon_r$ = 41.582; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## Right Touch, GSM850 GPRS 4Tx Ch. 190, Ant Internal, Standard Battery

**Area Scan (81x111x1):** Interpolated 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) = 0.410 W/kg
**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.248 W/kg**




0 dB = 0.359 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: GSM 850_12 (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; $\sigma$ = 0.91 S/m; $\varepsilon_r$ = 41.582; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

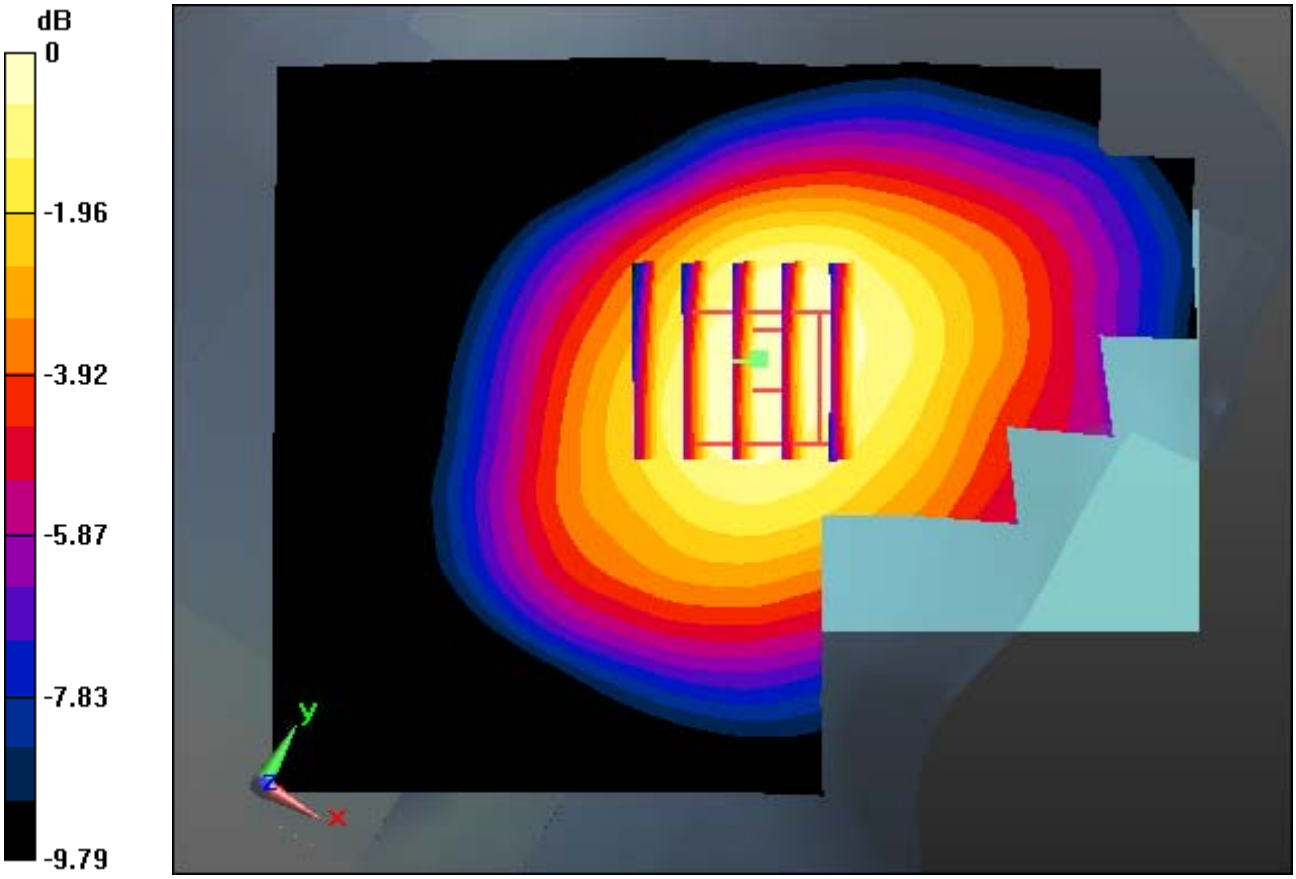
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## Right Touch, GSM850 GPRS 4Tx Ch. 190, Ant Internal, Standard Battery

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated 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) = 0.410 W/kg
**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.248 W/kg**




0 dB = 0.359 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

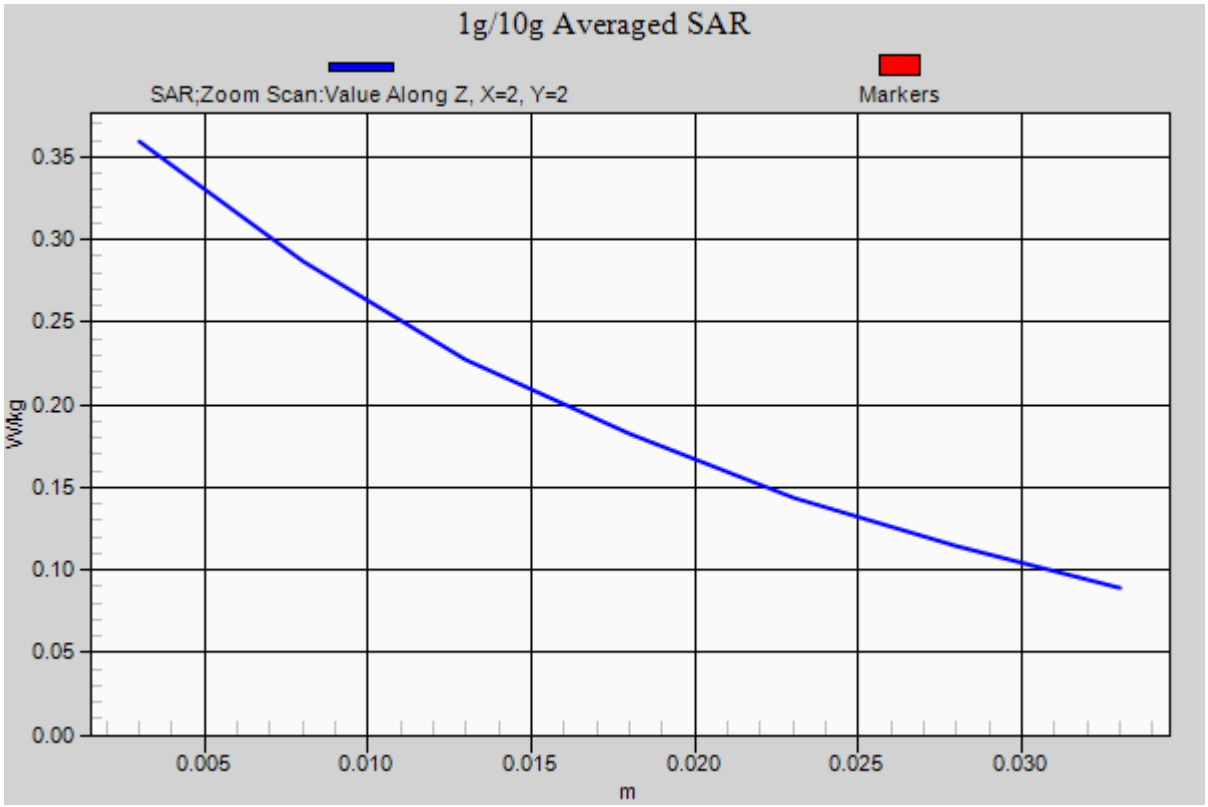
Communication System: GSM 850_12 (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; $\sigma$ = 0.91 S/m; $\varepsilon_r$ = 41.582; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## Right Touch, GSM850 GPRS 4Tx Ch. 190, Ant Internal, Standard Battery

**Area Scan (81x111x1):** Interpolated 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) = 0.410 W/kg
**SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.248 W/kg**



# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

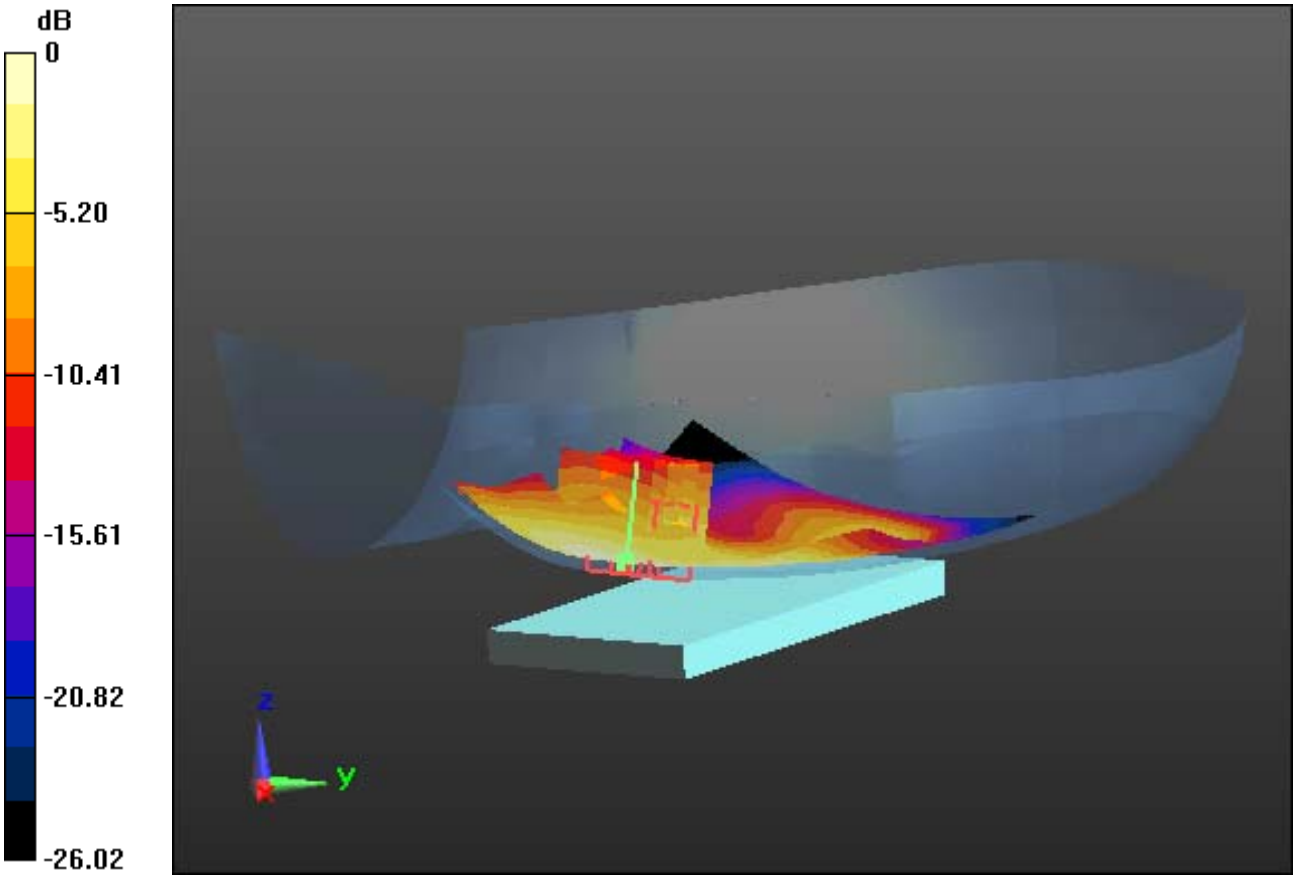
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.403 S/m; $\varepsilon_r$ = 40.252; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

## Left Touch, PCS1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

**Area Scan (81x111x1):** Interpolated 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) = 0.826 W/kg
**SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.354 W/kg**




0 dB = 0.651 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.403 S/m; $\varepsilon_r$ = 40.252; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

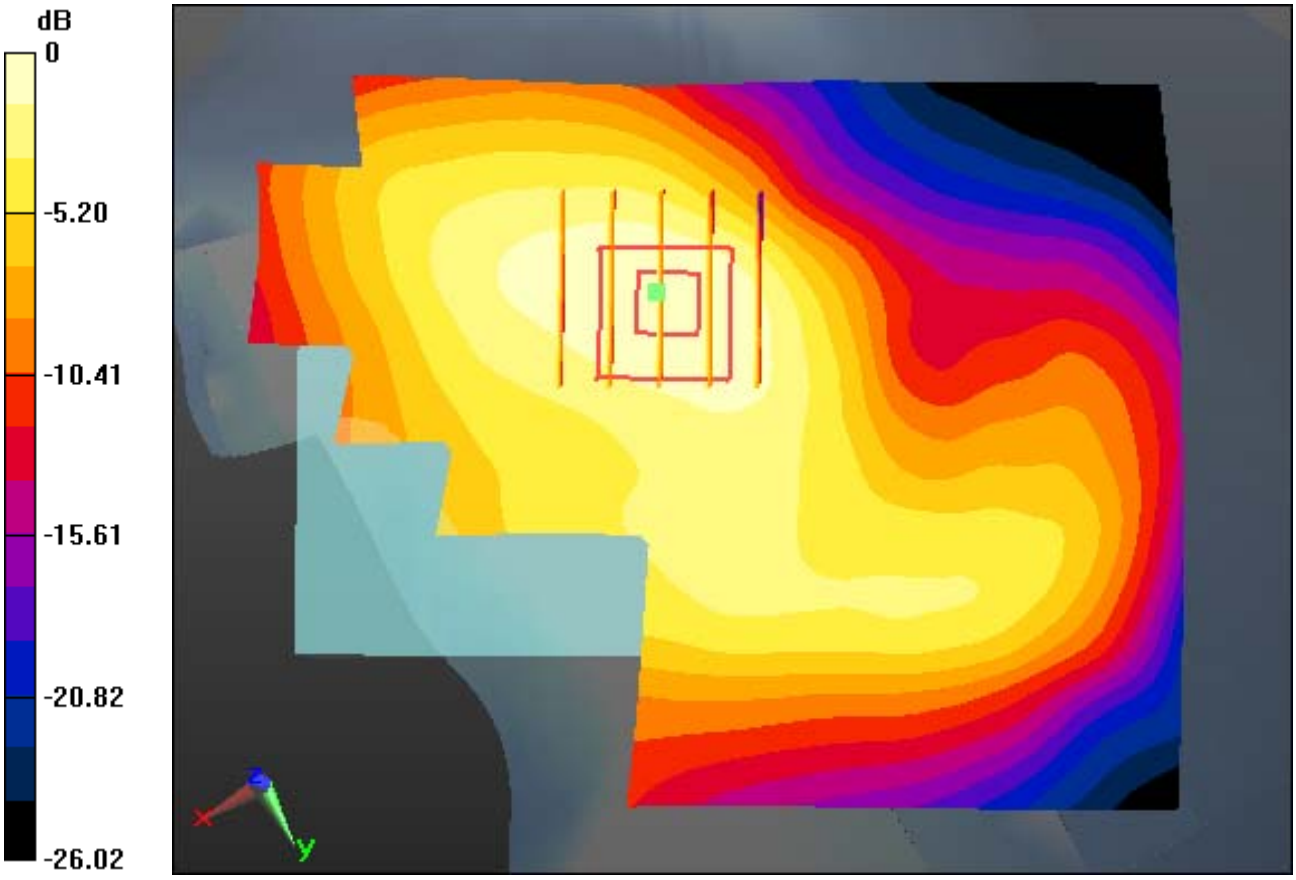
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

## Left Touch, PCS1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated 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) = 0.826 W/kg
**SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.354 W/kg**




0 dB = 0.651 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

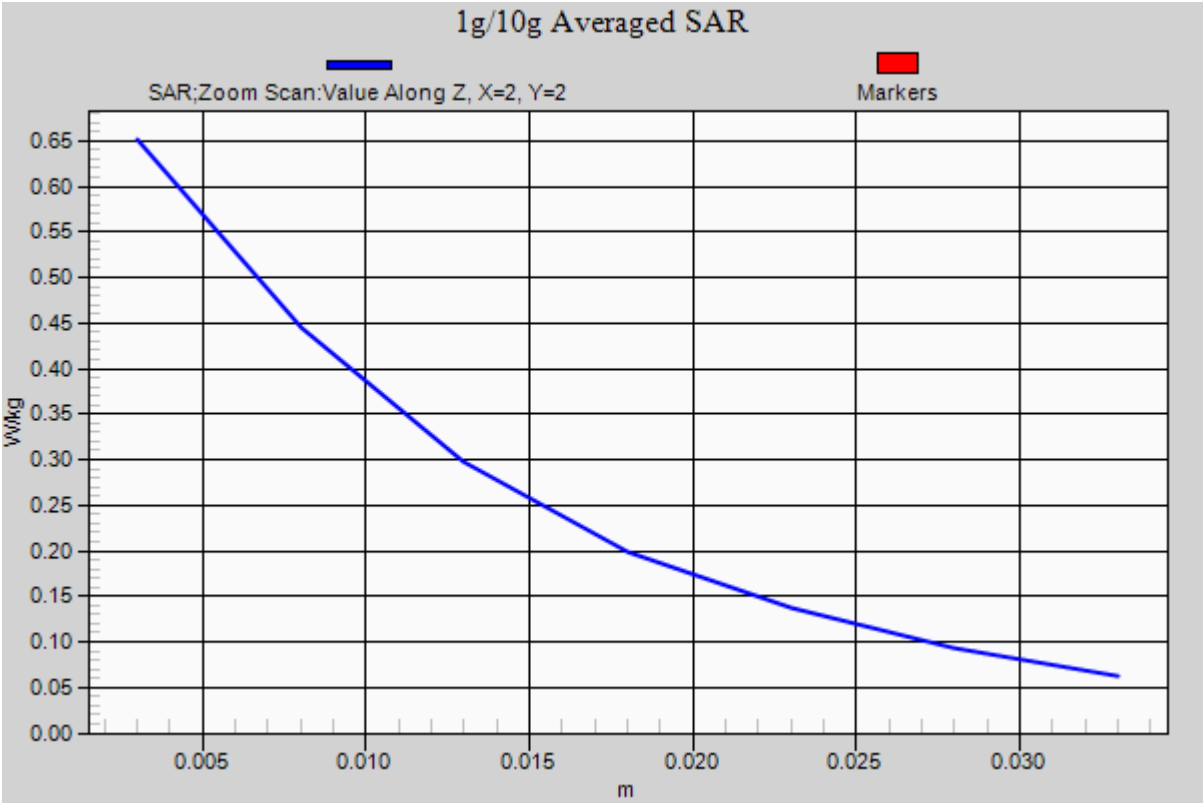
Communication System: PCS1900_Class 12 (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.403 S/m; $\varepsilon_r$ = 40.252; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(5.04, 5.04, 5.04); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

## Left Touch, PCS1900 GPRS 4Tx Ch. 661, Ant Internal, Standard Battery

**Area Scan (81x111x1):** Interpolated 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) = 0.826 W/kg
**SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.354 W/kg**



# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

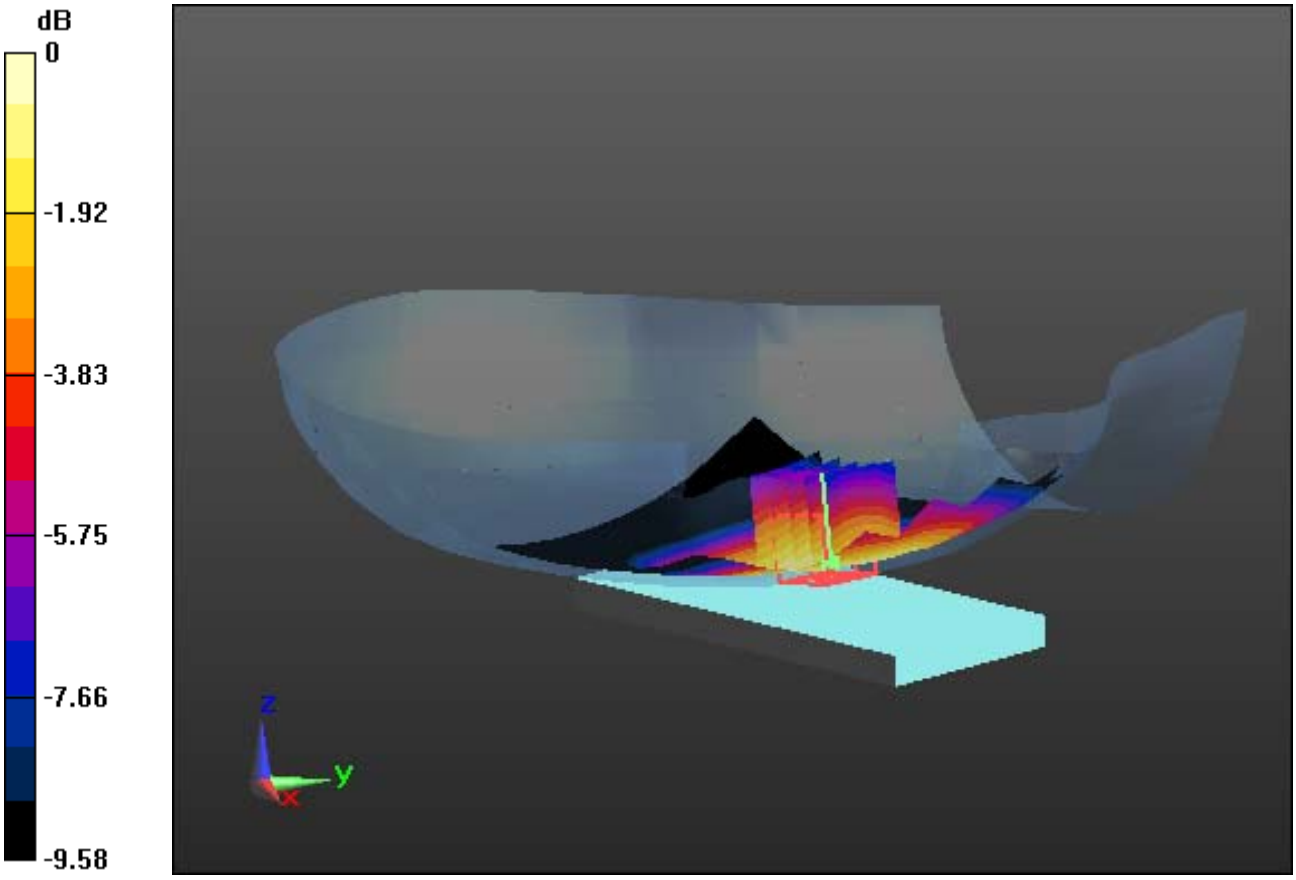
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; $\sigma$ = 0.908 S/m; $\varepsilon_r$ = 41.655; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp: 21.7

## Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

**Area Scan (81x111x1):** Interpolated 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) = 0.417 W/kg
**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.250 W/kg**




0 dB = 0.365 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; $\sigma$ = 0.908 S/m; $\varepsilon_r$ = 41.655; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

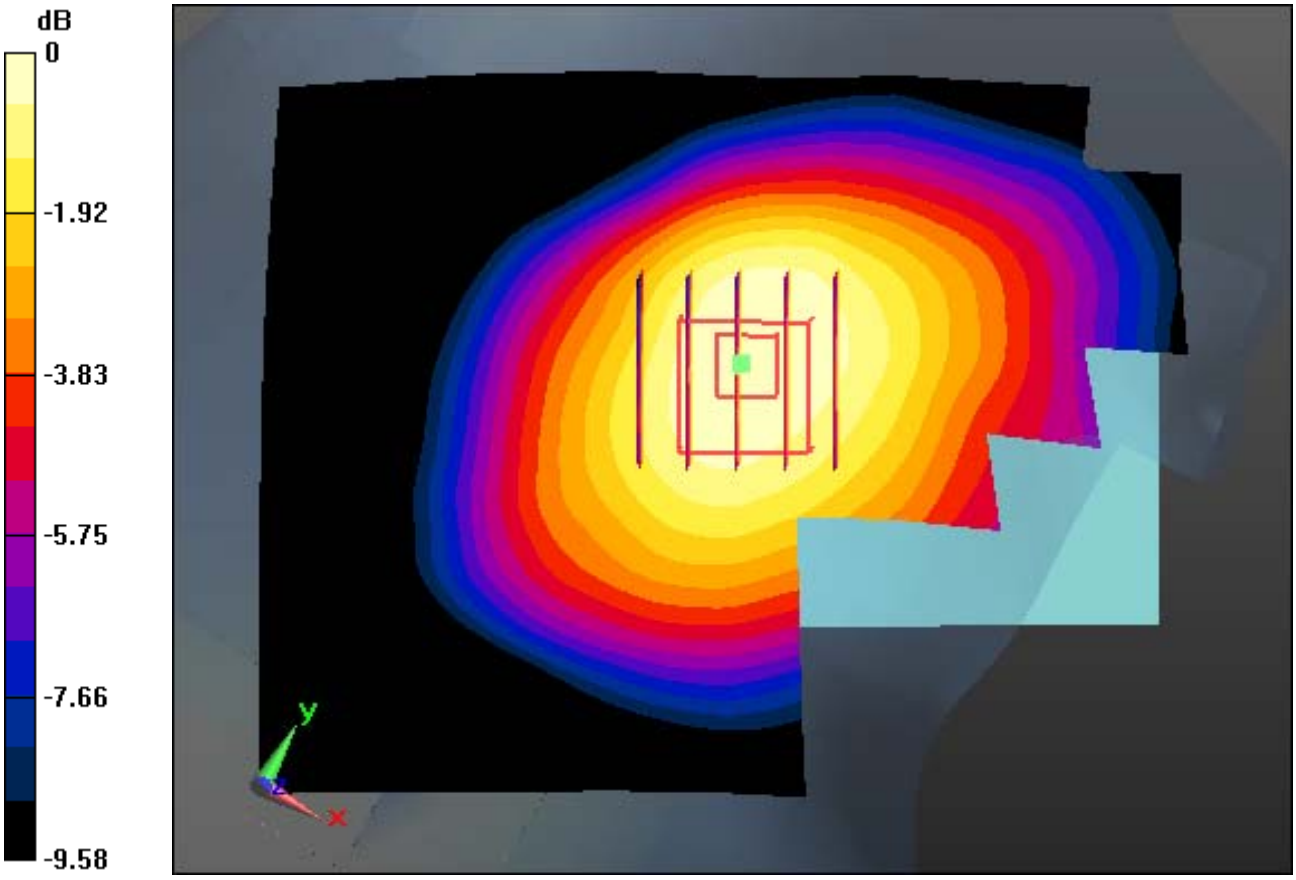
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp: 21.7

## Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated 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) = 0.417 W/kg
**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.250 W/kg**




0 dB = 0.365 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

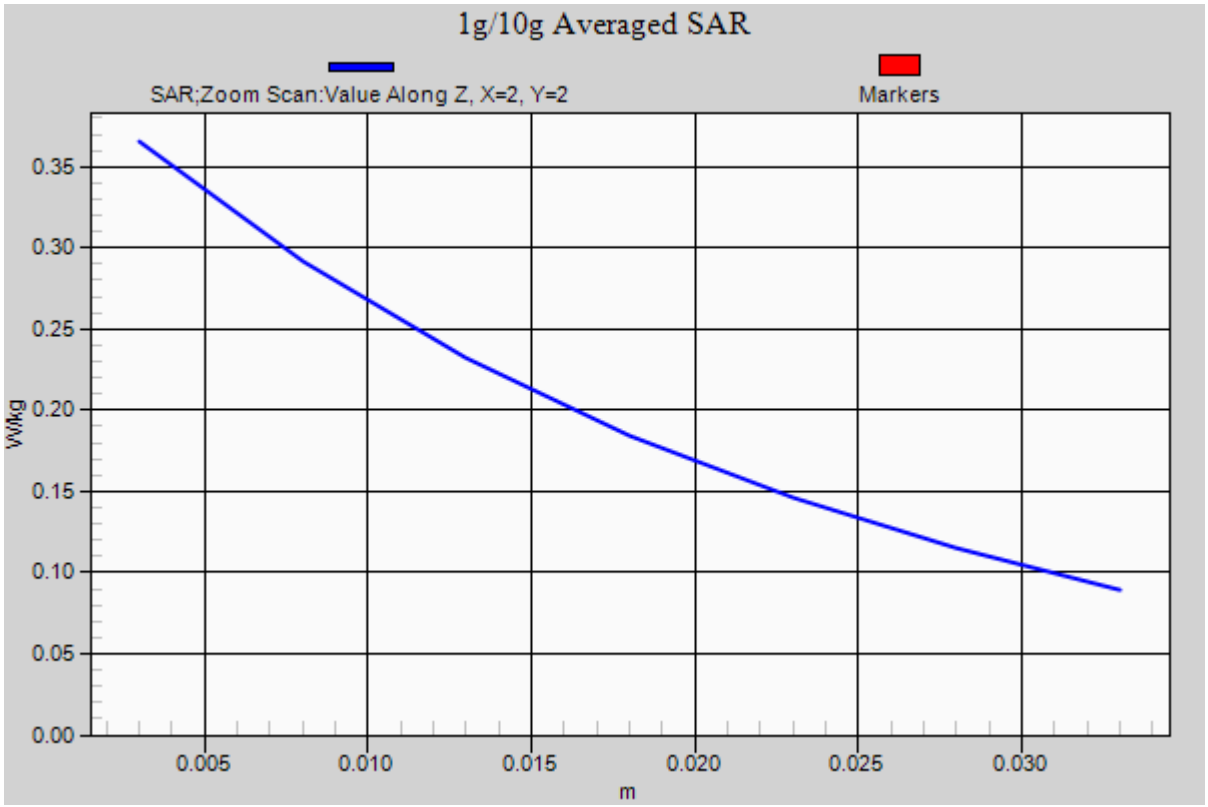
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; $\sigma$ = 0.908 S/m; $\varepsilon_r$ = 41.655; $\rho$ = 1000 kg/m$^3$
Phantom section: Right Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.33, 6.33, 6.33); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp: 21.7

## Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

**Area Scan (81x111x1):** Interpolated 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) = 0.417 W/kg
**SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.250 W/kg**



# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

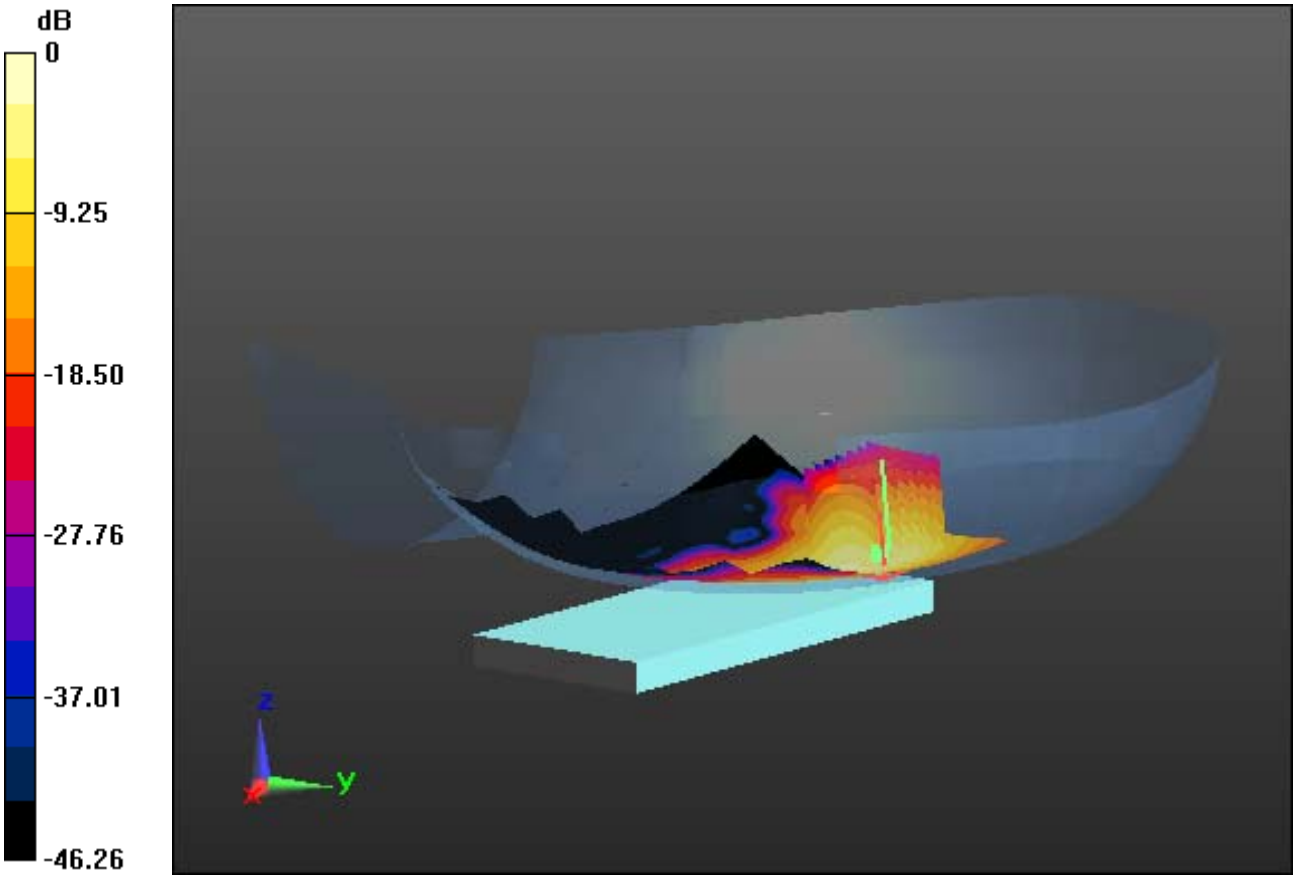
Communication System: W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.823 S/m; $\varepsilon_r$ = 39.456; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp: 22.0

## Left Touch,W-LAN(802.11b) Ch.1, Ant Internal, Standard Battery

**Area Scan (91x141x1):** Interpolated grid: dx=12mm, dy=12mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.698 W/kg
**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.145 W/kg**




0 dB = 0.425 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.823 S/m; $\varepsilon_r$ = 39.456; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

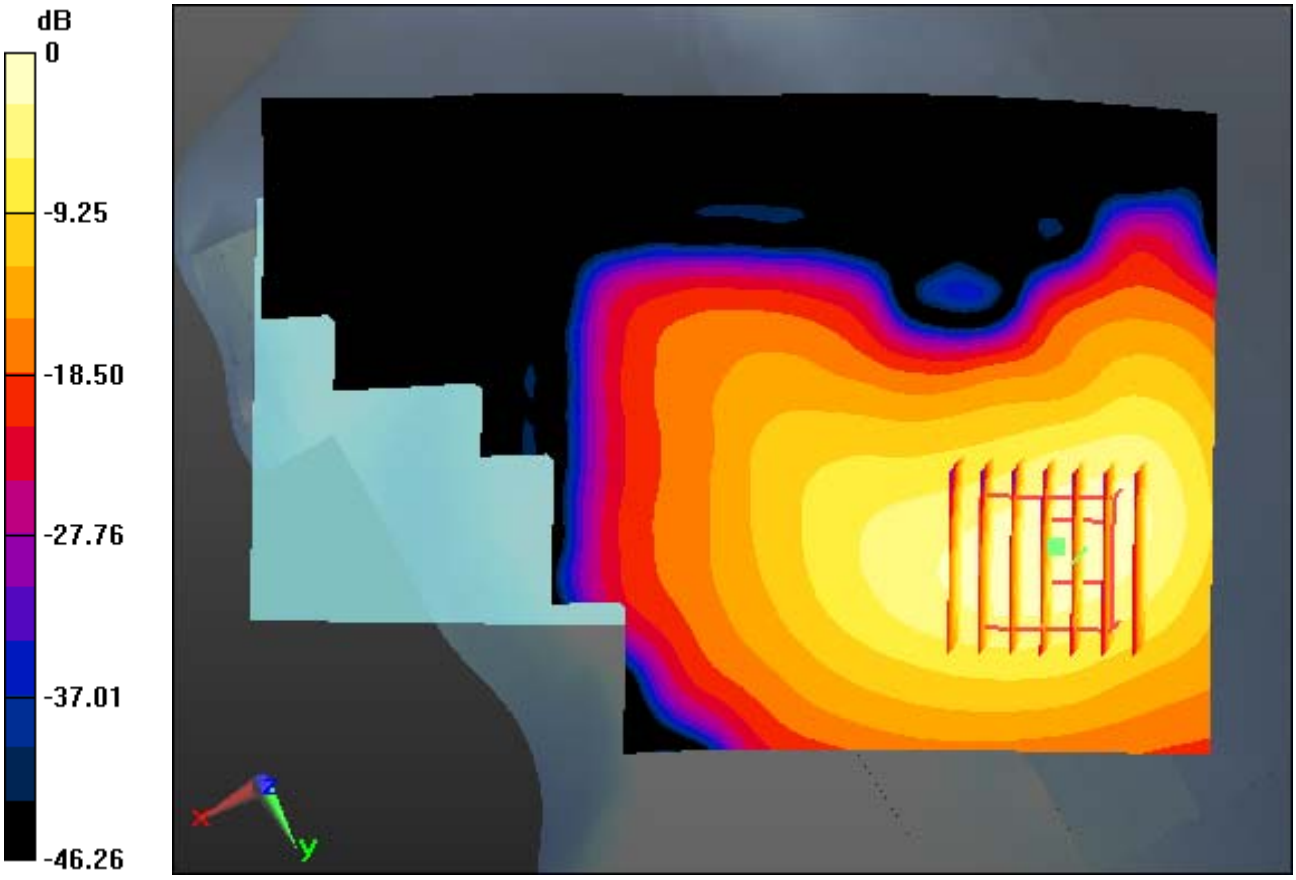
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp: 22.0

## Left Touch,W-LAN(802.11b) Ch.1, Ant Internal, Standard Battery

## With Enlarge plot image

**Area Scan (91x141x1):** Interpolated grid: dx=12mm, dy=12mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.698 W/kg
**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.145 W/kg**




0 dB = 0.425 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

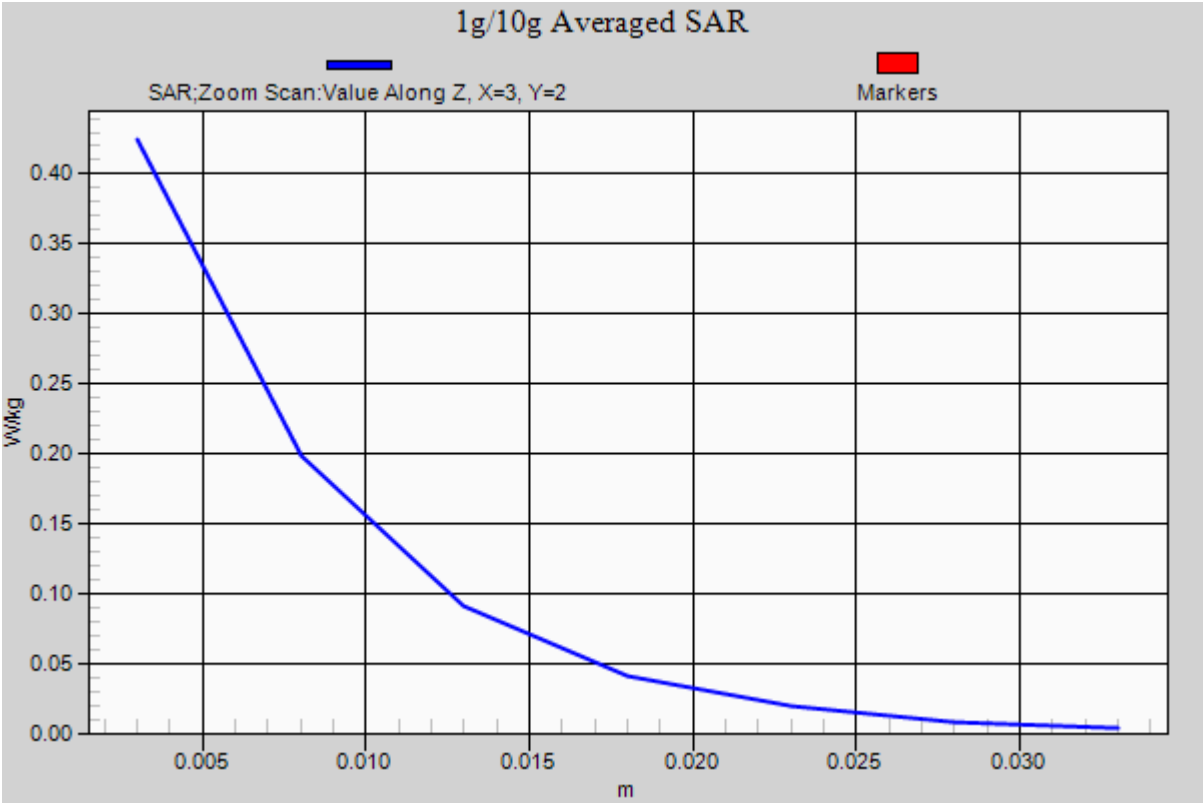
Communication System: W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.823 S/m; $\varepsilon_r$ = 39.456; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.47, 4.47, 4.47); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: SAM (30deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1220
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp: 22.0

## Left Touch,W-LAN(802.11b) Ch.1, Ant Internal, Standard Battery

**Area Scan (91x141x1):** Interpolated grid: dx=12mm, dy=12mm
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.698 W/kg
**SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.145 W/kg**



# DT&C Co., Ltd.

**DUT: LG-H525N;  Type: Bar**

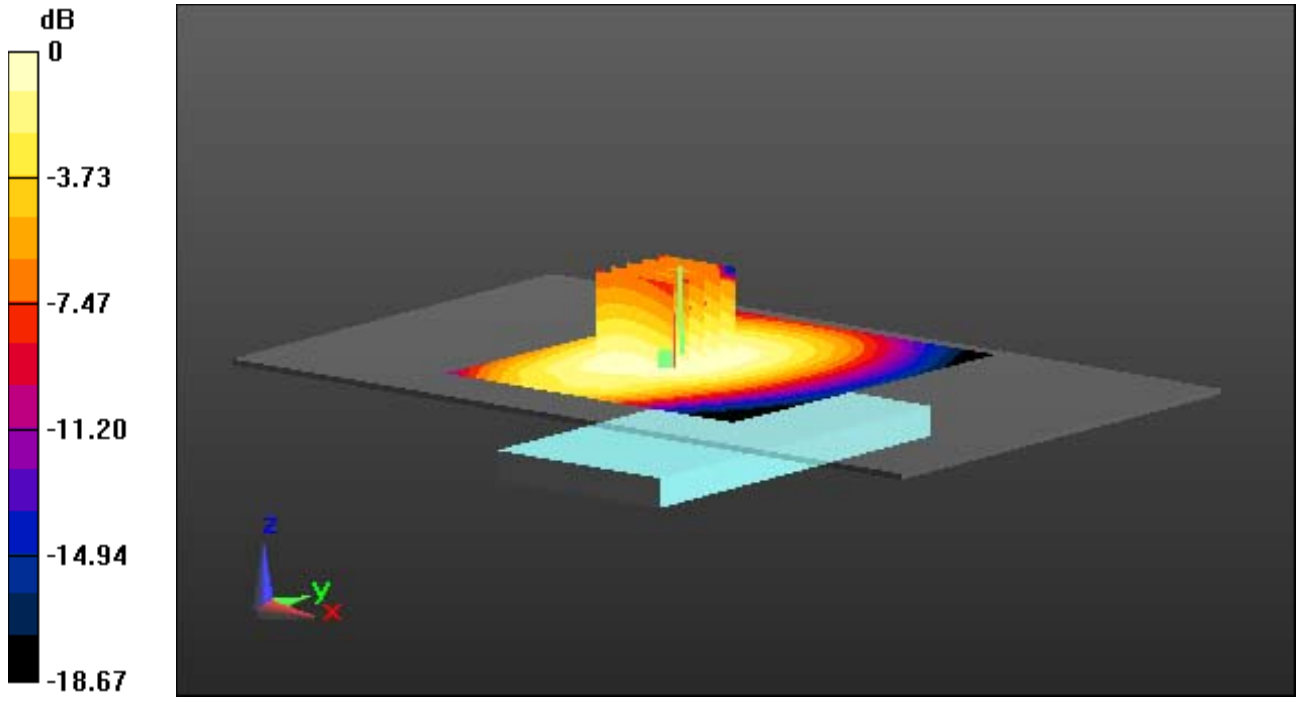
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## 1cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.608 W/kg
**SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.372 W/kg**




0 dB = 0.533 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

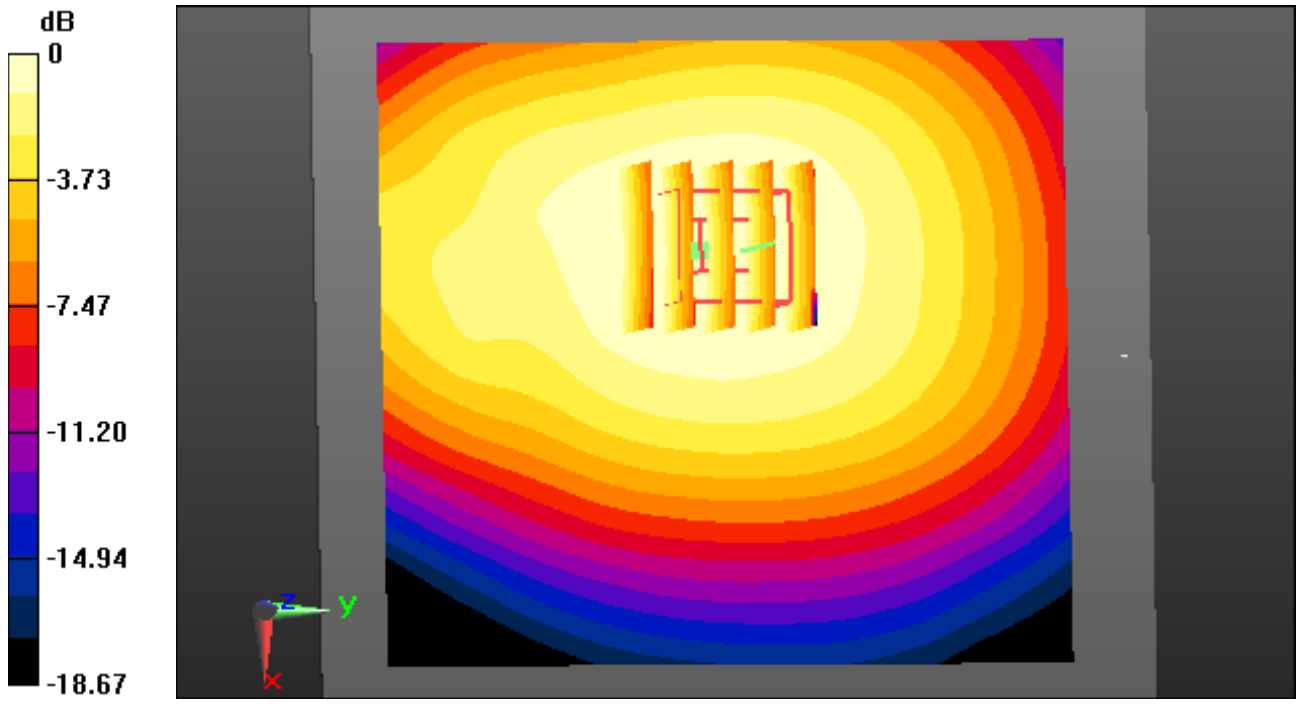
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4 Tissue Temp:21.9

## 1cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated 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) = 0.608 W/kg
**SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.372 W/kg**




0 dB = 0.533 W/kg

# DT&C Co., Ltd.

**DUT: LG-H525N;  Type: Bar**

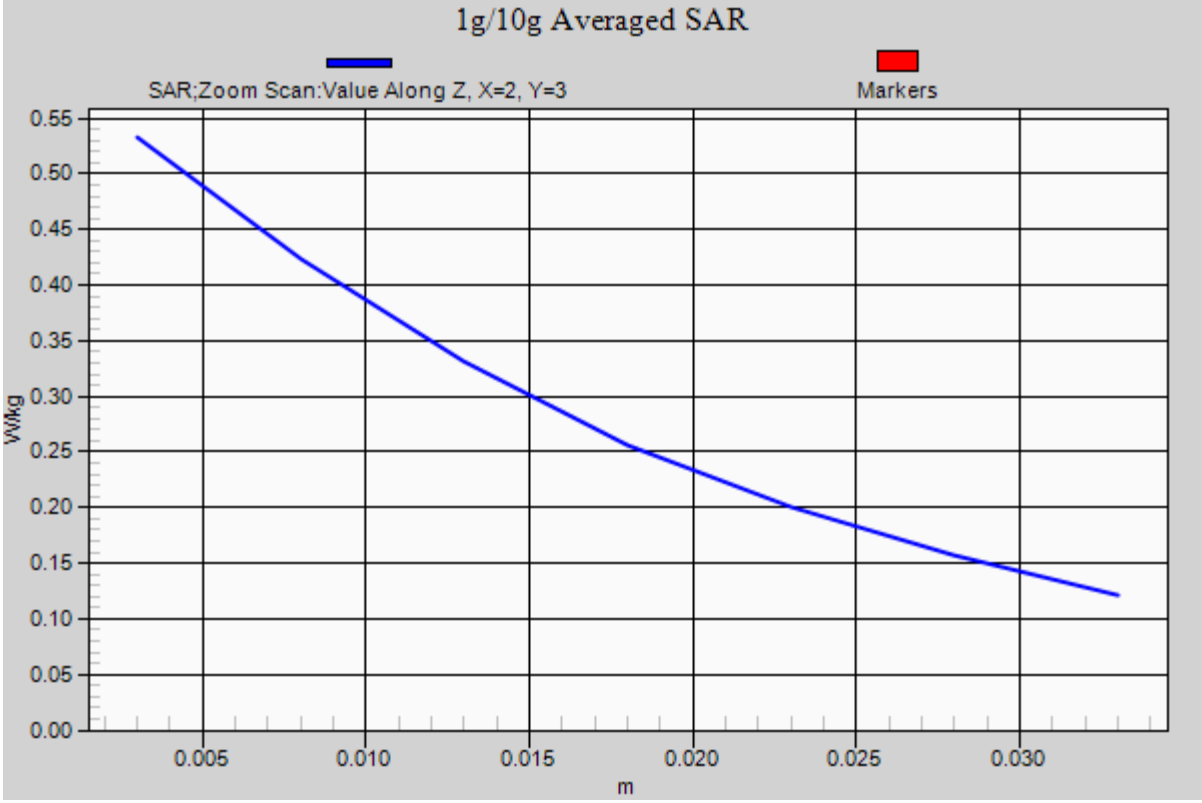
Communication System: GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## 1cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.608 W/kg
**SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.372 W/kg**



# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

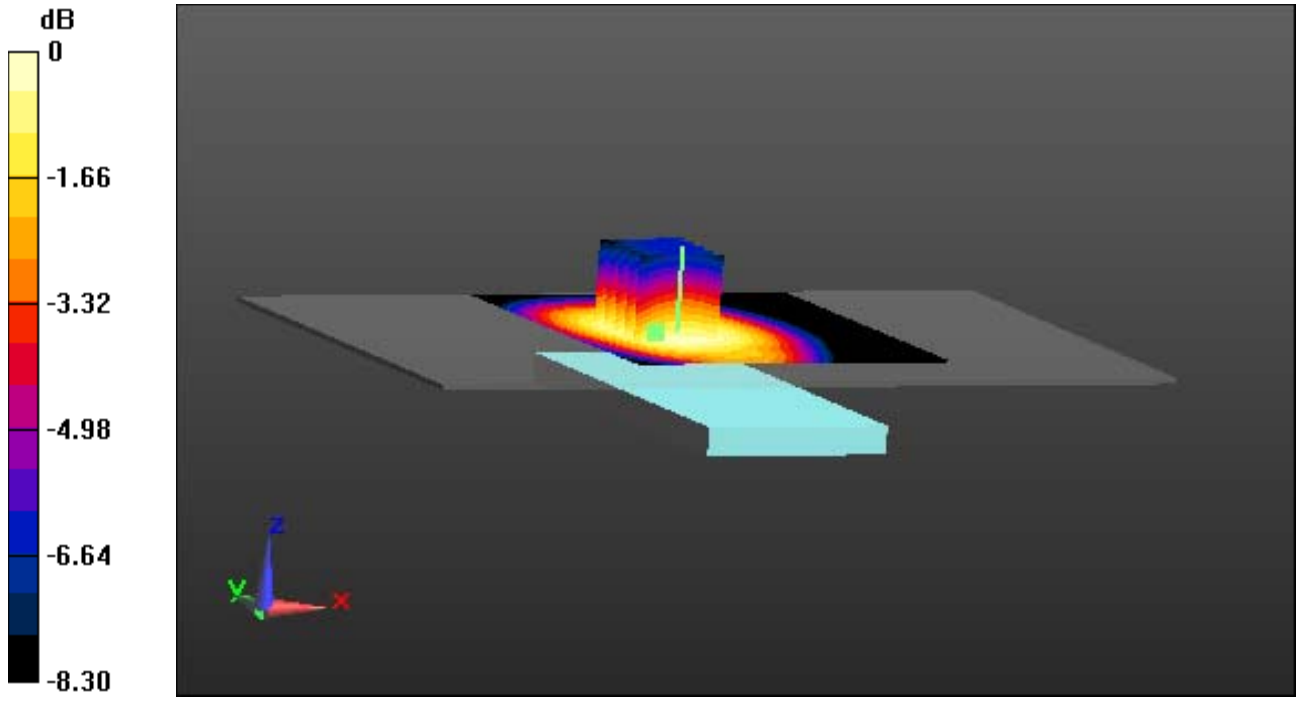
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## 1cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant Internal

**Area Scan (81x111x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.697 W/kg
**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.441 W/kg**




0 dB = 0.619 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

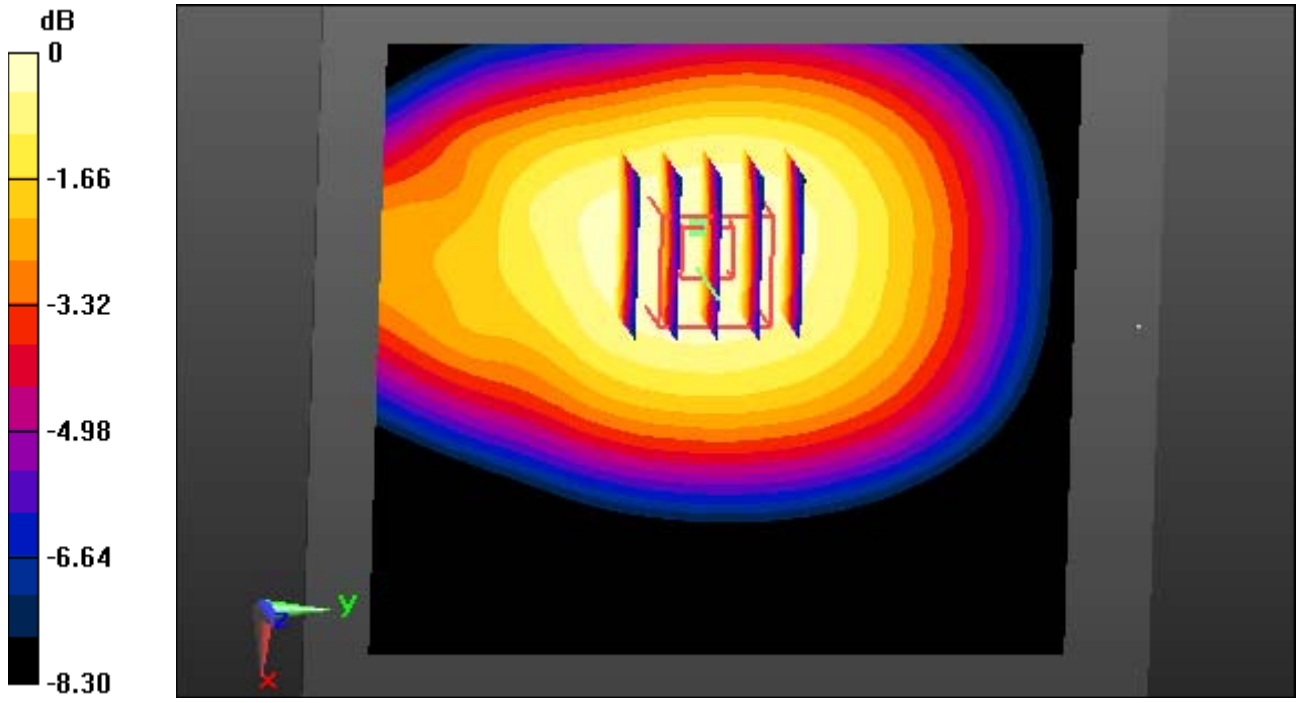
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4 Tissue Temp:21.9

## 1cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.697 W/kg
**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.441 W/kg**




0 dB = 0.619 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

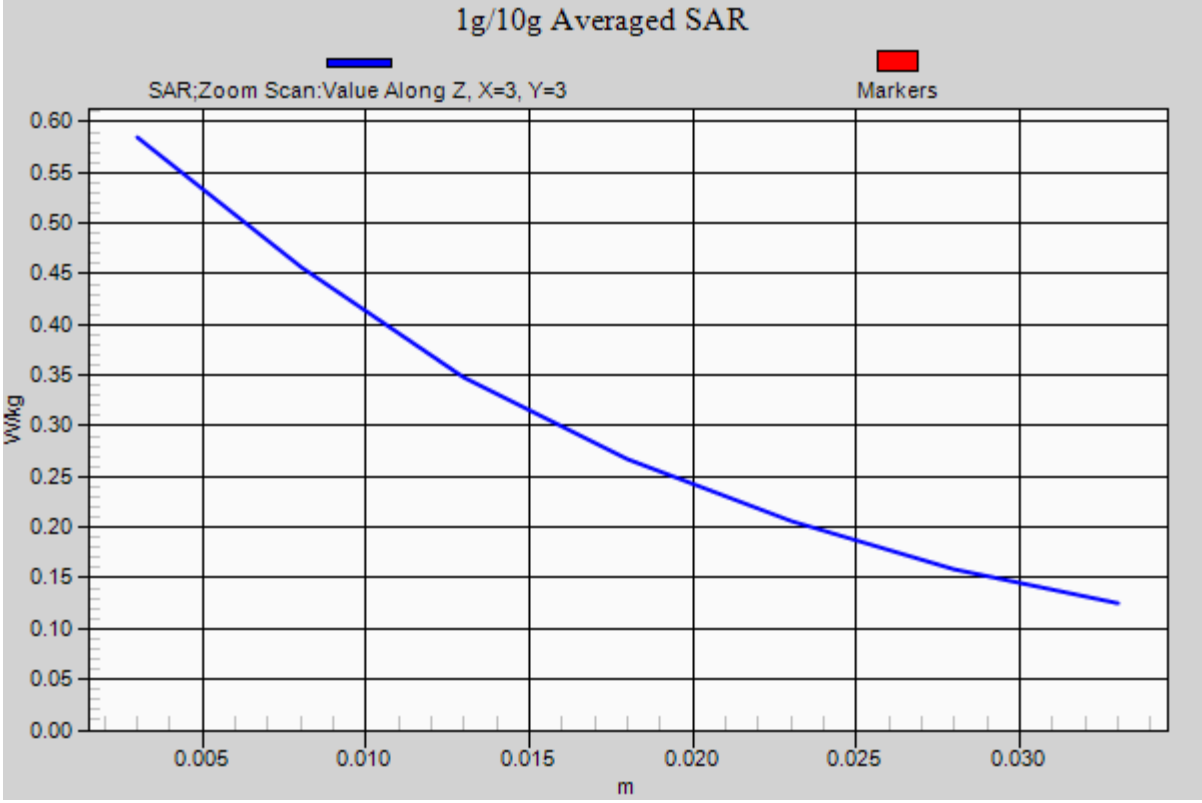
Communication System: GSM 850_4Tx (0); Frequency: 836.6 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.005 S/m; $\varepsilon_r$ = 53.6; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-08; Ambient Temp: 21.4; Tissue Temp: 21.9

## 1cm space from Body, Rear, GSM850 GPRS 4Tx Ch. 190, Ant Internal

**Area Scan (81x111x1):** Interpolated grid: dx=15mm, dy=15mm
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.697 W/kg
**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.441 W/kg**



# DT&C Co., Ltd.

**DUT: LG-H525N;  Type: Bar**

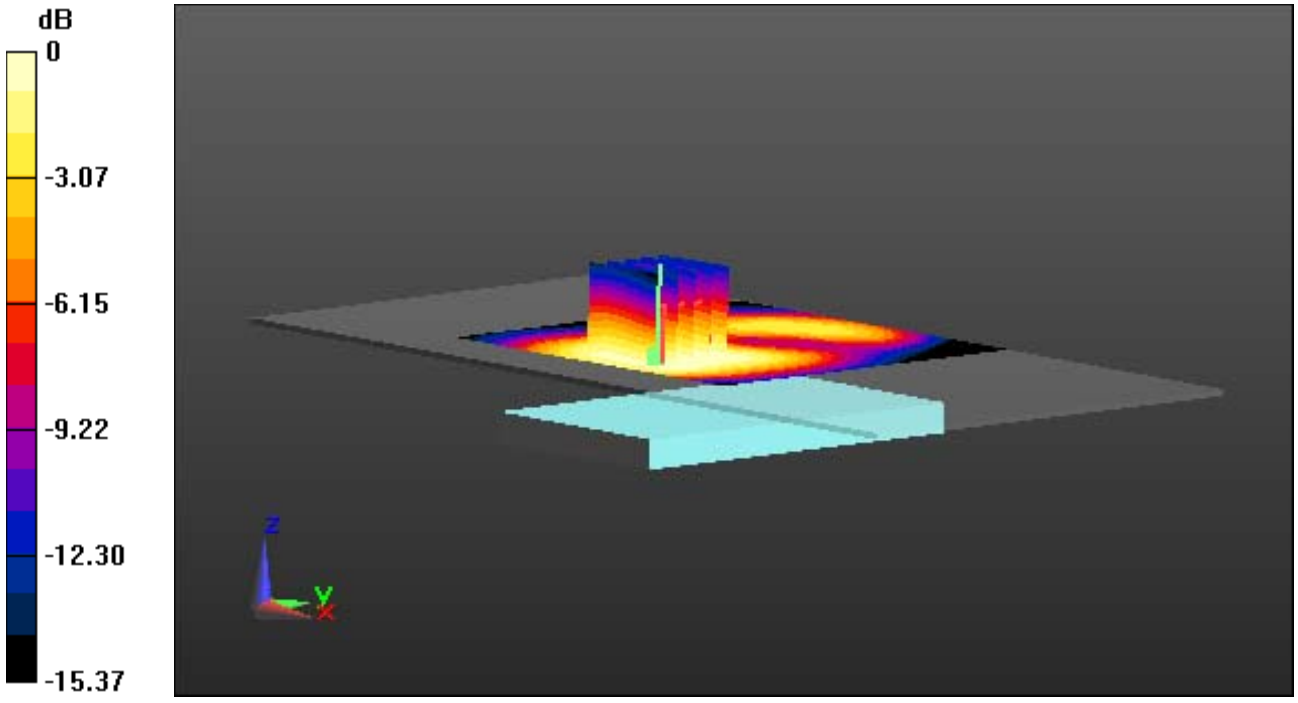
Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

## 1cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.542 W/kg
**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.236 W/kg**




0 dB = 0.419 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

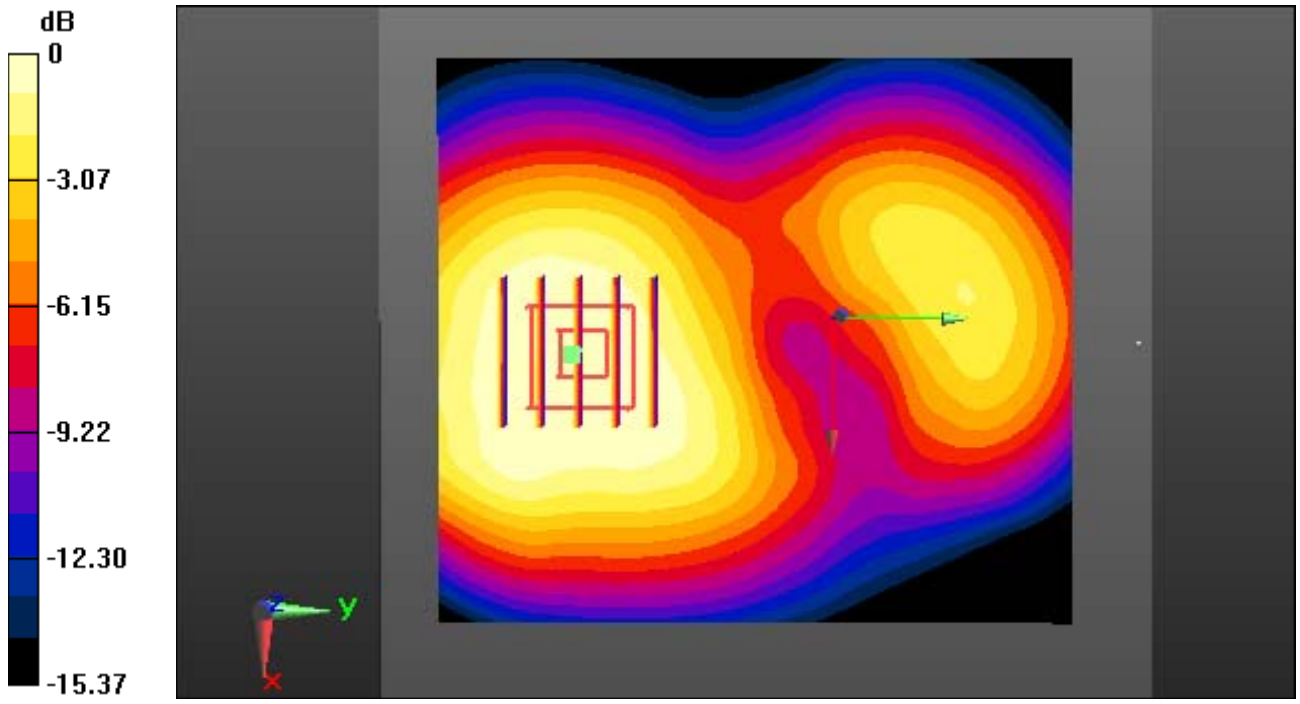
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

## 1cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated grid: dx=15 mm, dy=15 mm
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.542 W/kg
**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.236 W/kg**




0 dB = 0.419 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

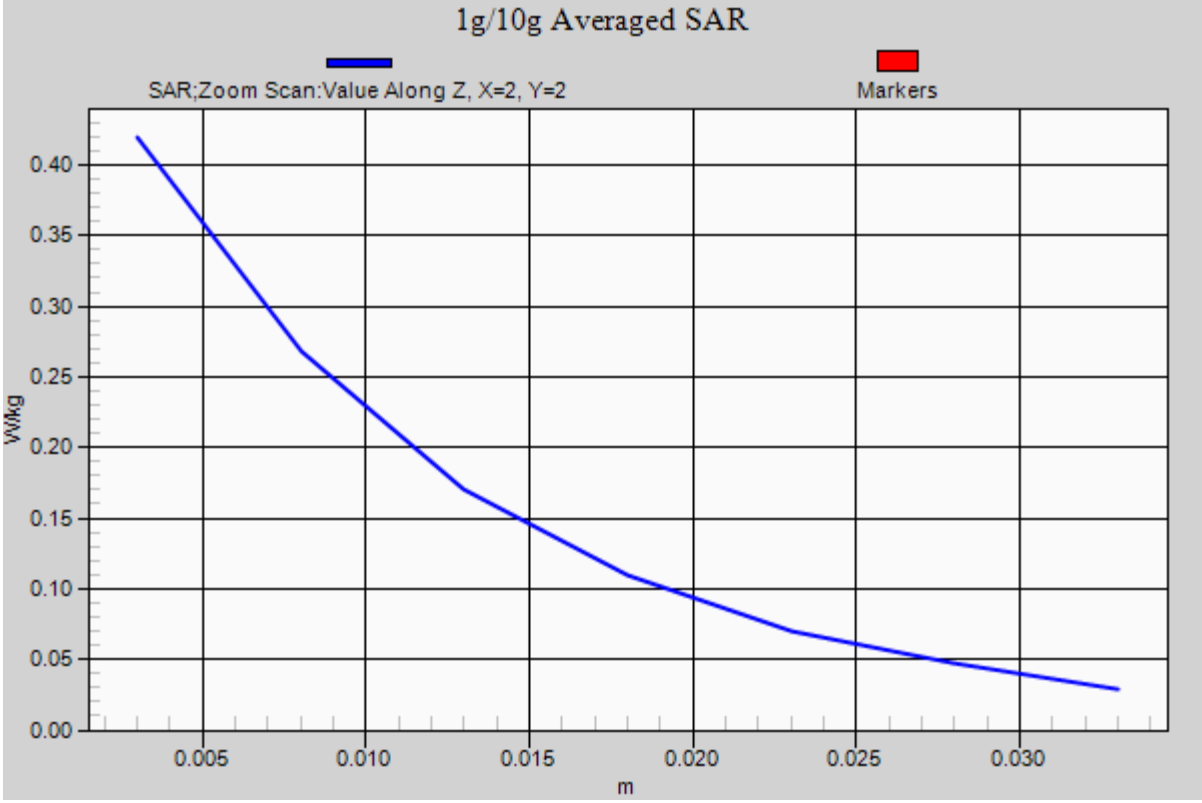
Communication System: PCS 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

## 1cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.542 W/kg
**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.236 W/kg**



# DT&C Co., Ltd.

**DUT: LG-H525N;  Type: Bar**

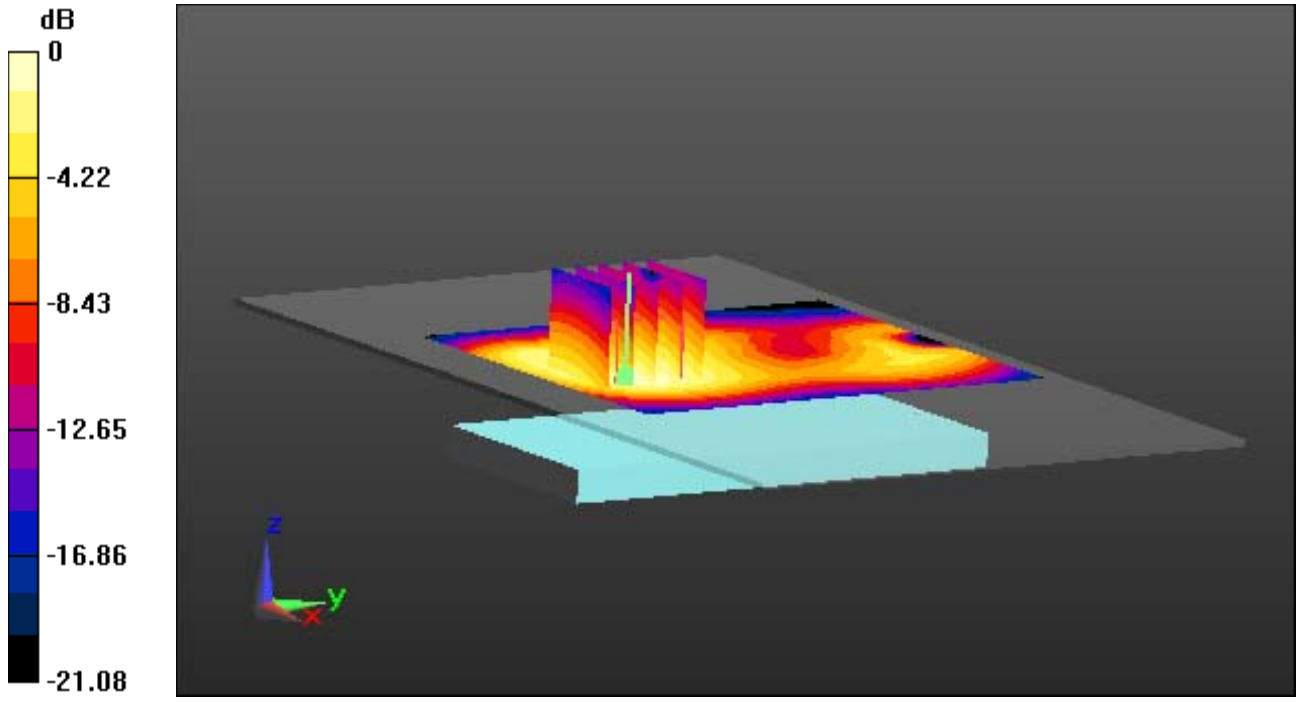
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

## 1cm space from Body, Front, PCS1900 GPRS 4Tx Ch. 661, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 1.10 W/kg
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.429 W/kg**




0 dB = 0.828 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

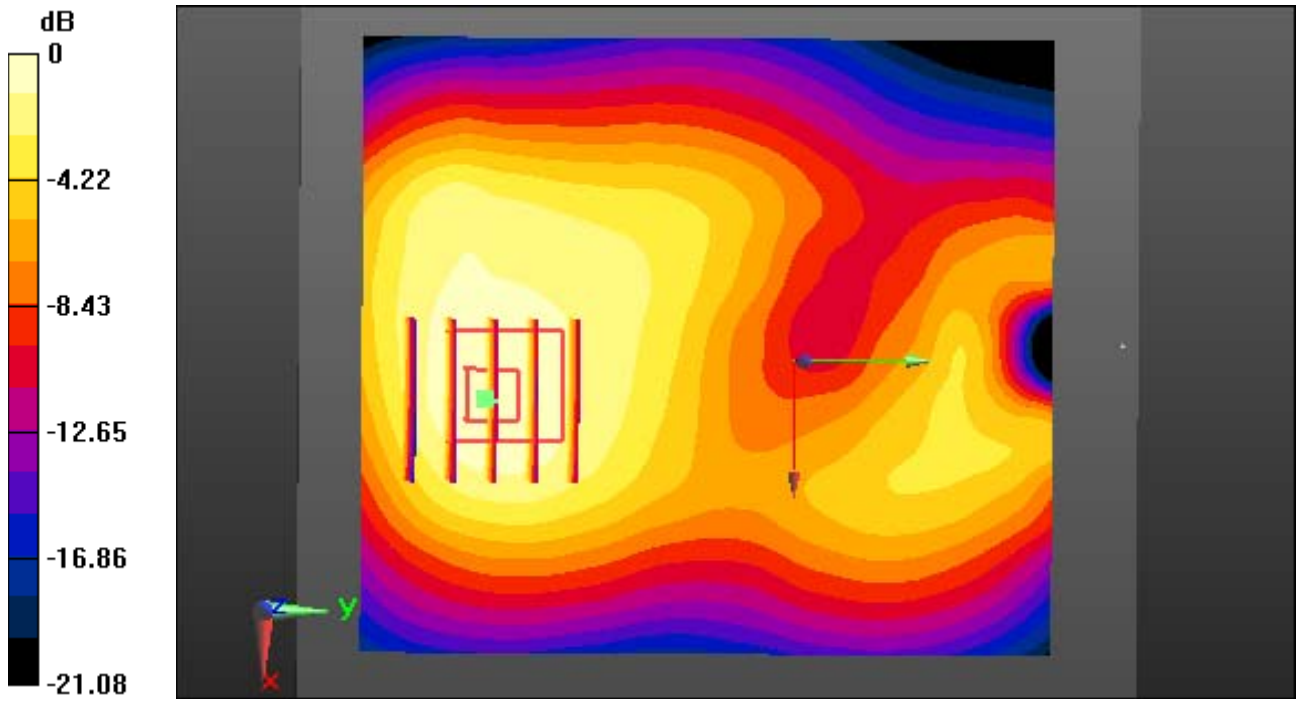
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

## 1cm space from Body, Front, PCS1900 4 Tx Ch. 661, Ant Internal

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated grid: dx=15 mm, dy=15 mm
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.10 W/kg
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.429 W/kg**




0 dB = 0.828 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

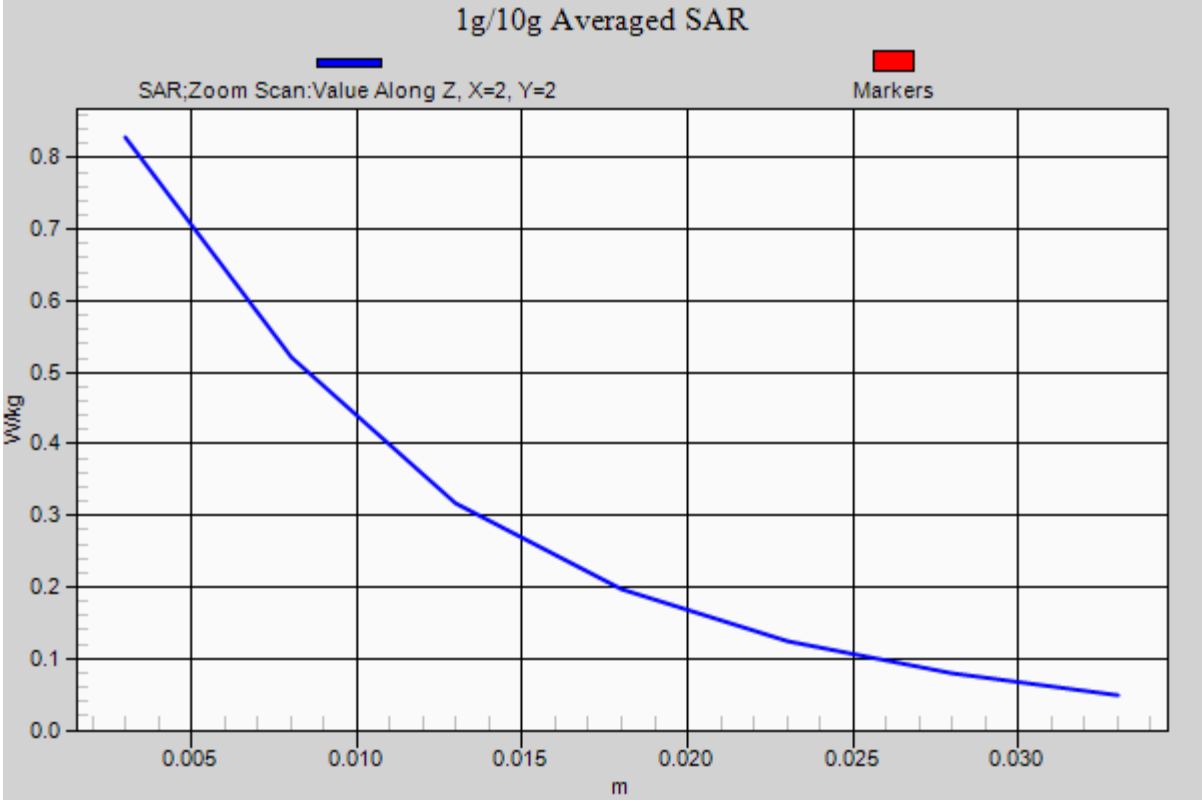
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1; Tissue Temp: 21.6

### 1cm space from Body, Front, PCS1900 GPRS 4Tx Ch. 661, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 1.10 W/kg
**SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.429 W/kg**



# DT&C Co., Ltd.

**DUT: LG-H525N;  Type: Bar**

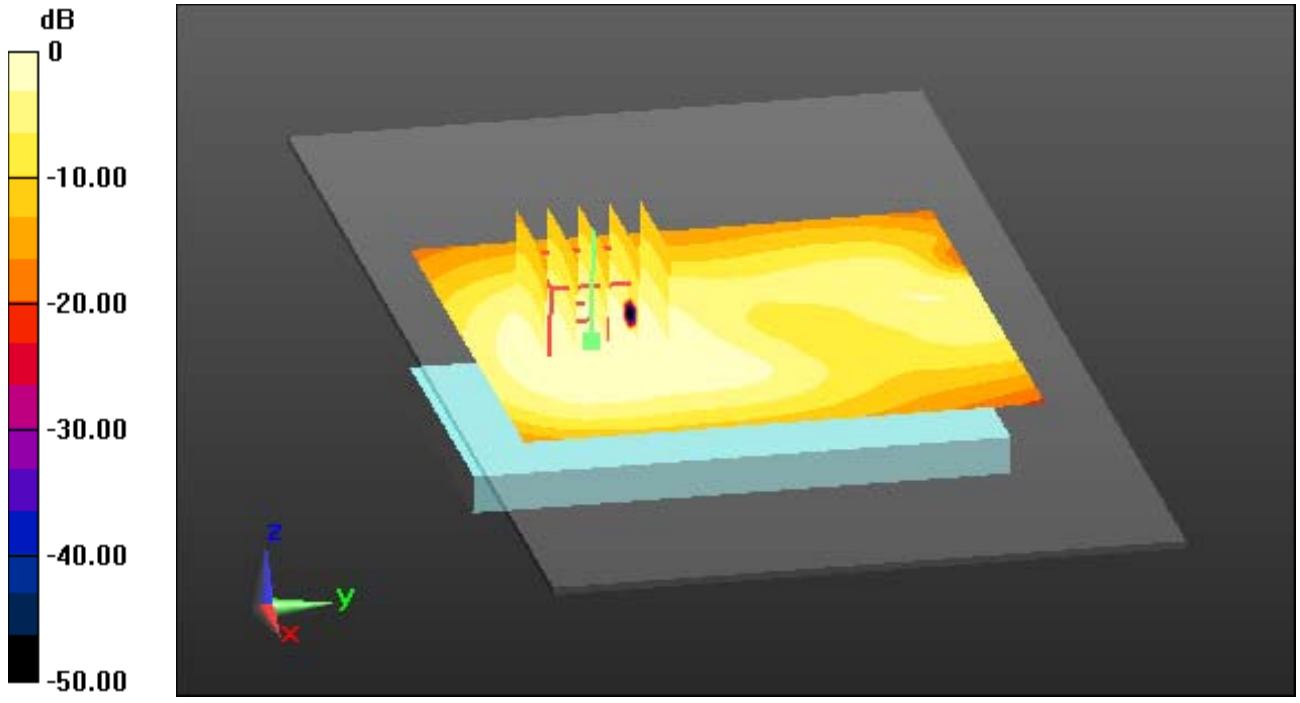
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/$m^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

**1cm space from Body, Rear, PCS1900 4 Tx Ch. 661, Ant Internal**

**Area Scan (81x111x1):** Interpolated 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) = 0.872 W/kg
**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.354 W/kg**




0 dB = 0.674 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

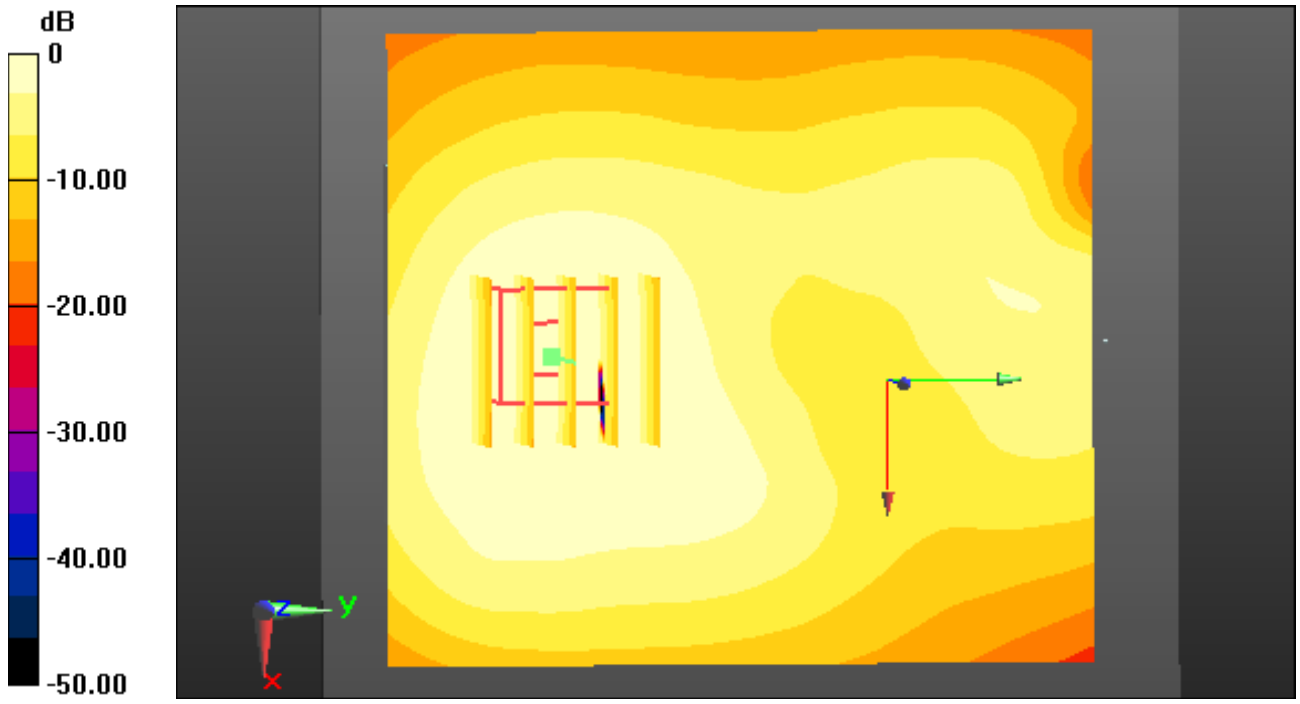
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

## 1cm space from Body, Rear, PCS1900 . 4 Tx Ch. 661, Ant Internal

## With Enlarge plot image

**Area Scan (81x111x1):** Interpolated 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) = 0.872 W/kg
**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.354 W/kg**




0 dB = 0.674 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

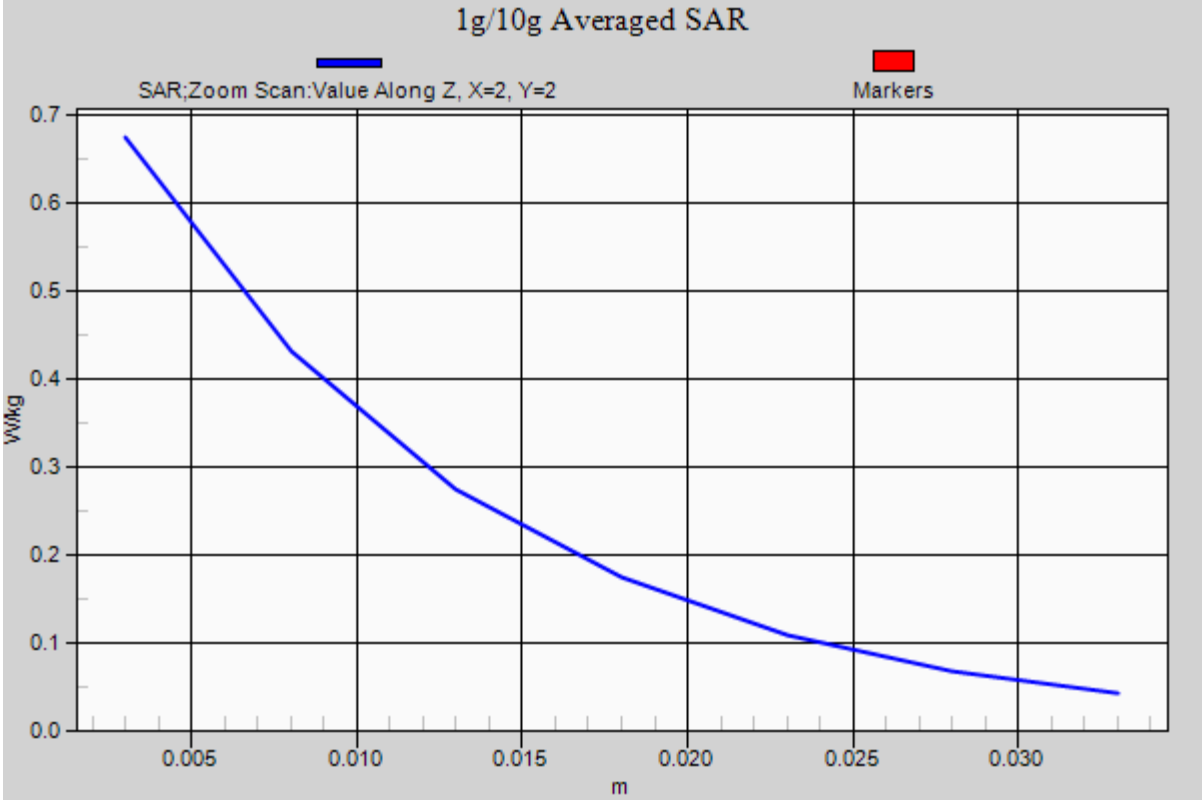
Communication System: PCS1900_4Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.075
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.537 S/m; $\varepsilon_r$ = 52.431; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.67, 4.67, 4.67); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

### 1cm space from Body, Rear, PCS1900 4 Tx Ch. 661, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.872 W/kg
**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.354 W/kg**



# DT&C Co., Ltd.

**DUT: LG-H525N;  Type: Bar**

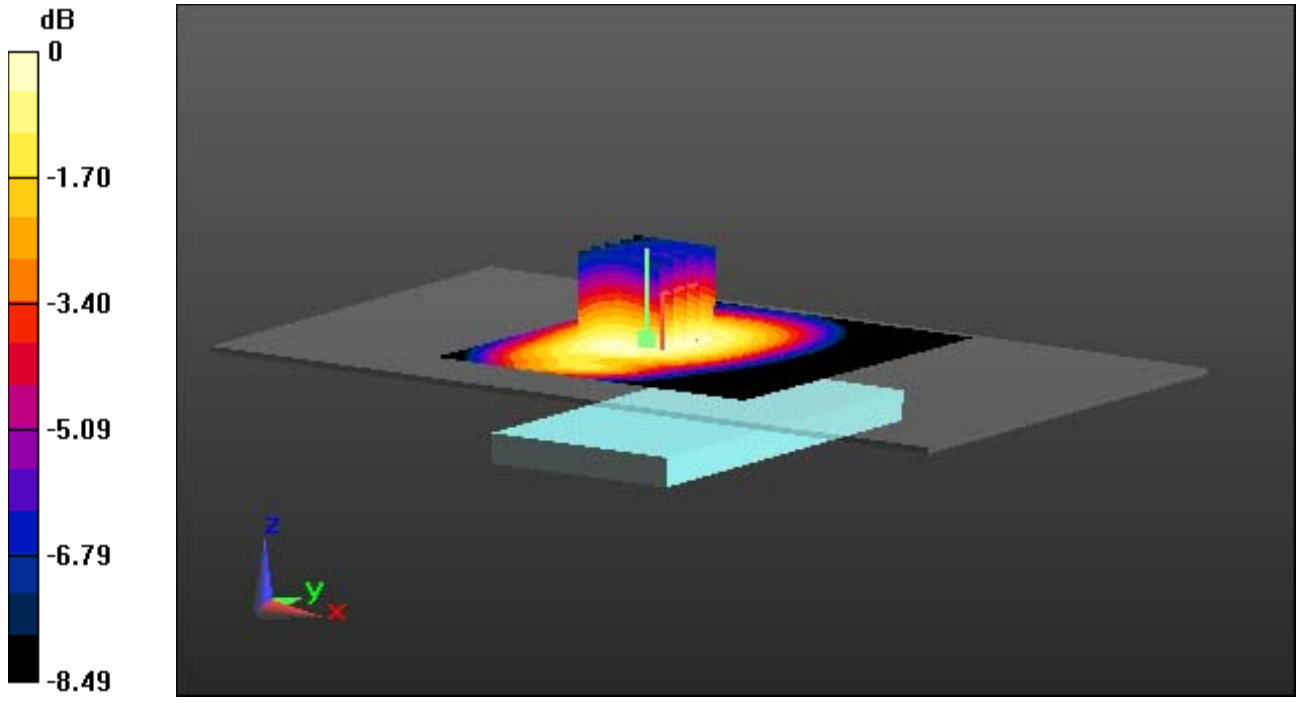
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.008 S/m; $\varepsilon_r$ = 53.262; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp: 21.7

## 1cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.701 W/kg
**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.439 W/kg**




0 dB = 0.622 W/kg

**DUT: LG-H520G; Type: Bar**

Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.008 S/m; $\varepsilon_r$ = 53.262; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

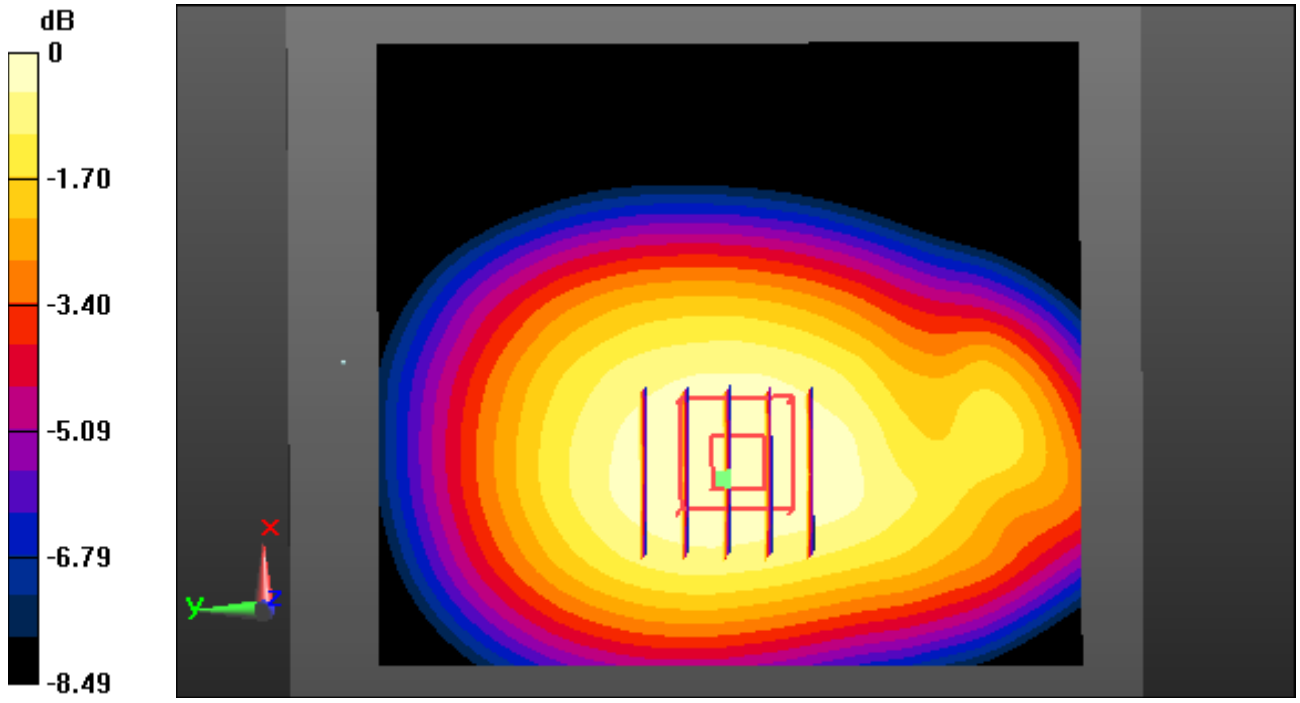
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/3
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-09; Ambient Temp: 21.1 Tissue Temp:21.6

**1cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal**

**With Enlarge plot image**

**Area Scan (81x111x1):** Interpolated 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) = 0.701 W/kg
**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.439 W/kg**




0 dB = 0.622 W/kg

# DT&C Co., Ltd.

## DUT: LG-H525N;  Type: Bar

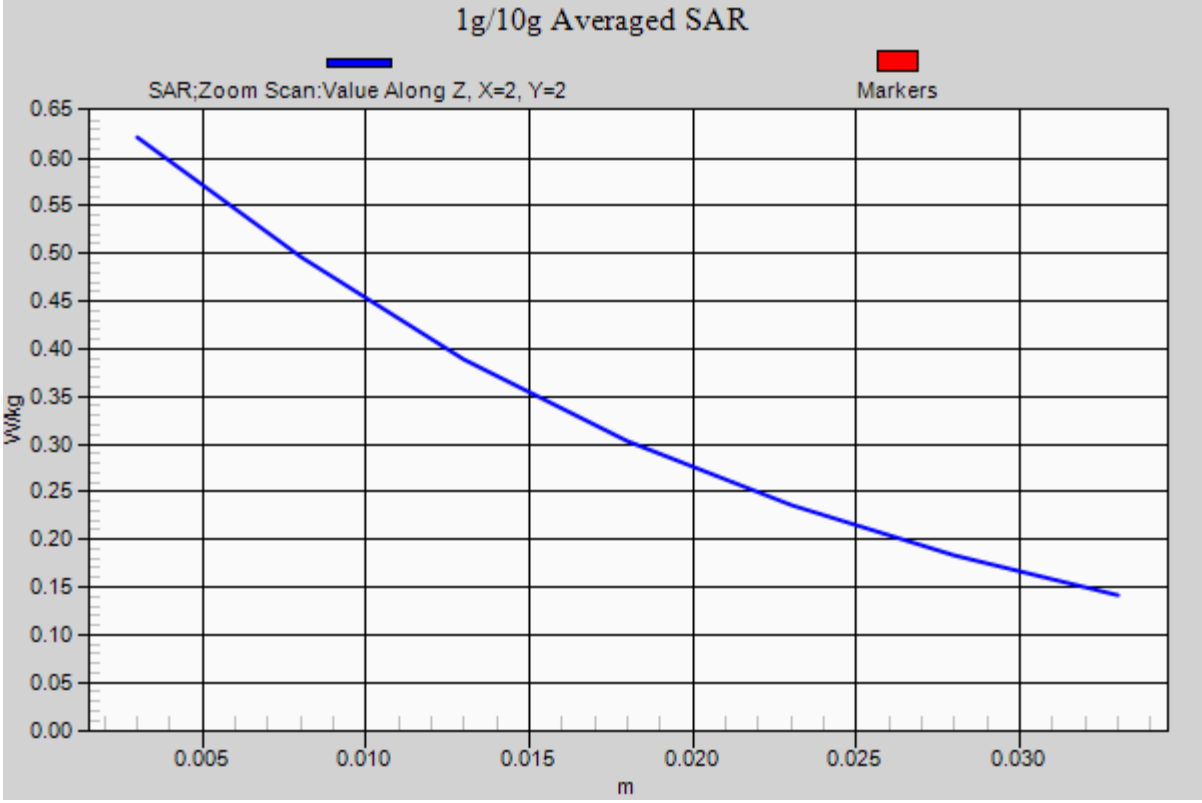
Communication System: WCDMA 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; $\sigma$ = 1.008 S/m; $\varepsilon_r$ = 53.262; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(6.13, 6.13, 6.13); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/2
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-07; Ambient Temp: 21.2; Tissue Temp: 21.7

## 1cm space from Body, Rear, WCDMA850 Ch. 4183, Ant Internal

**Area Scan (81x111x1):** Interpolated 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) = 0.701 W/kg
**SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.439 W/kg**



**DUT: LG-H525N; Type: Bar**

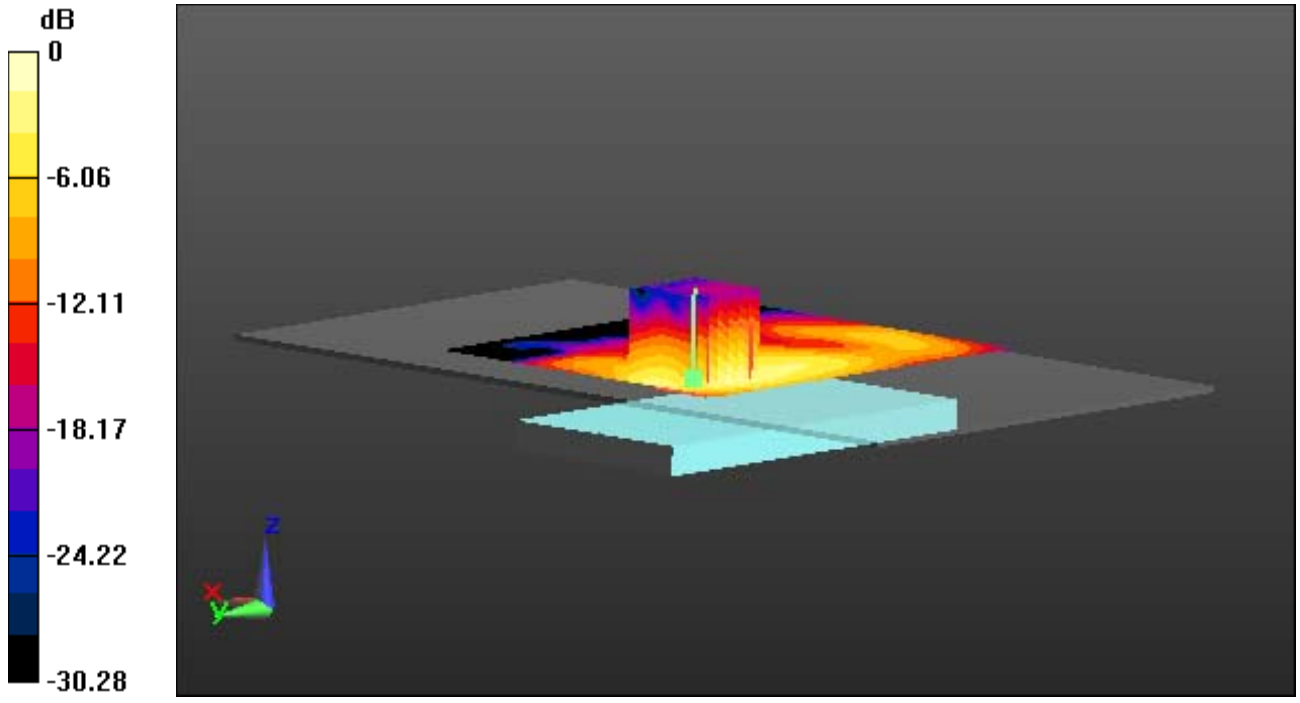
Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.929 S/m; $\varepsilon_r$ = 52.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp: 22.0

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

**Area Scan (101x141x1):** Interpolated 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) = 0.214 W/kg
**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.059 W/kg**




0 dB = 0.141 W/kg

**DUT: LG-H525N; Type: Bar**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.929 S/m; $\varepsilon_r$ = 52.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

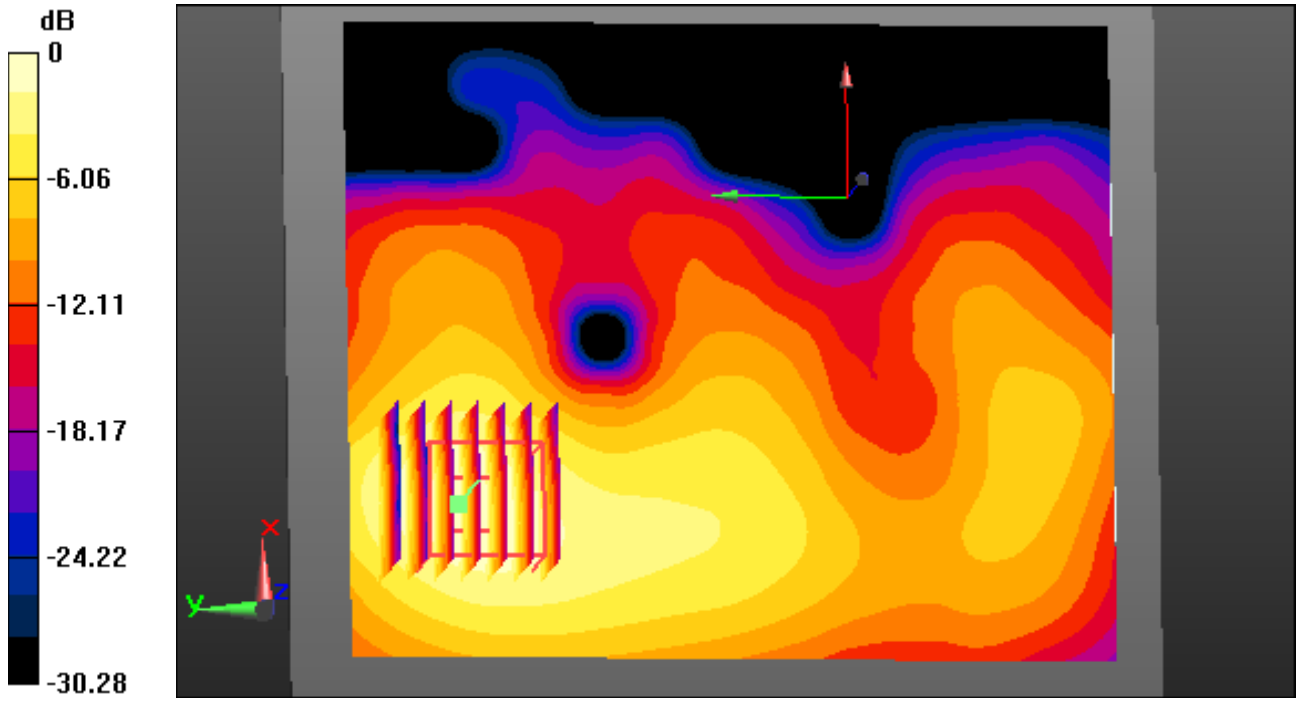
**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp: 22.0

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

**With Enlarge plot image**

**Area Scan (101x141x1):** Interpolated 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) = 0.214 W/kg
**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.059 W/kg**




0 dB = 0.141 W/kg

**DUT: LG-H525N; Type: Bar**

Communication System: W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; $\sigma$ = 1.929 S/m; $\varepsilon_r$ = 52.1; $\rho$ = 1000 kg/m$^3$
Phantom section: Center Section

**DASY5 Configuration:**
Probe: ES3DV3 - SN3327; ConvF(4.25, 4.25, 4.25); Calibrated: 8/22/2014; Electronics: DAE4 Sn1394
Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1147/1
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2015-03-10; Ambient Temp: 21.5; Tissue Temp: 22.0

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

**Area Scan (101x141x1):** Interpolated 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) = 0.214 W/kg
**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.059 W/kg**