

## **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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.908 \text{ S/m}$ ;  $\epsilon_r = 42.868$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(11.05, 11.05, 11.05); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-16; Ambient Temp: 20.2; Tissue Temp: 20.4

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

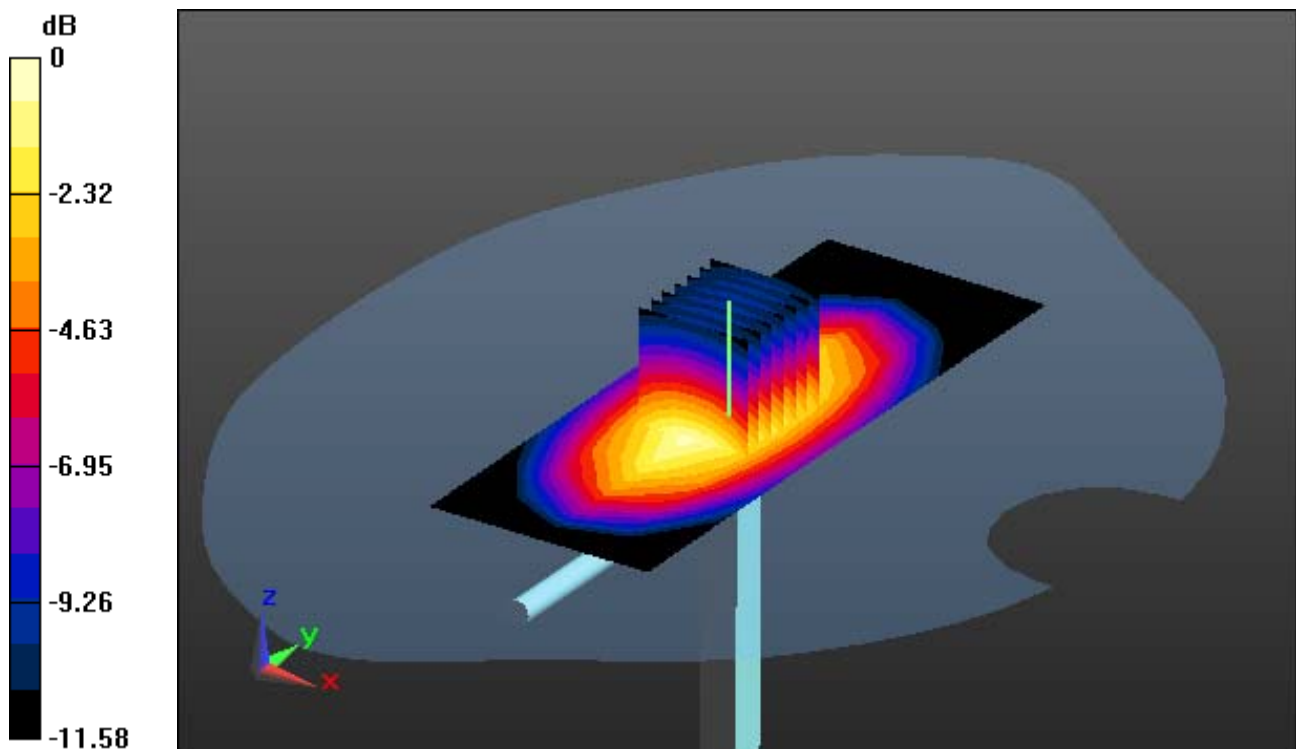
**Area Scan (5x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.43 W/kg



0 dB = 2.44 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.984 \text{ S/m}$ ;  $\epsilon_r = 53.731$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.86, 10.86, 10.86); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-16; Ambient Temp: 20.2; Tissue Temp: 20.5

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

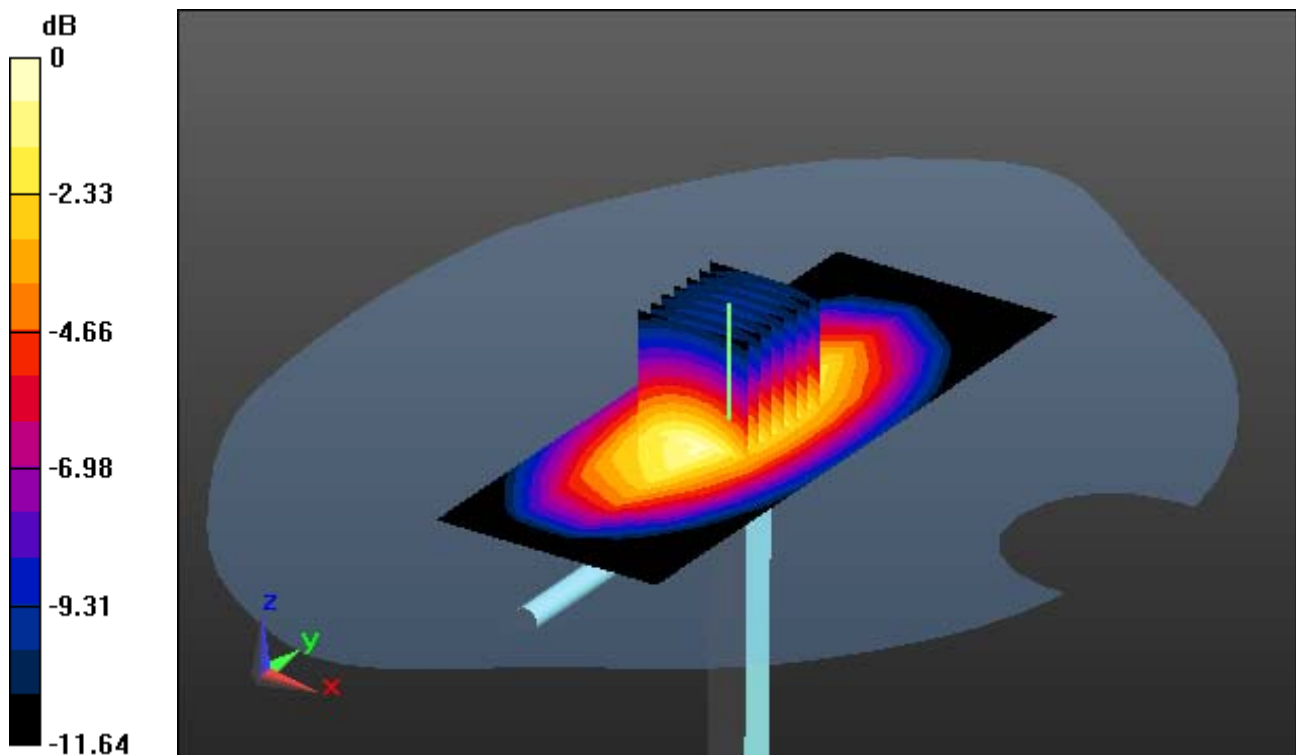
**Area Scan (5x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.50 W/kg

**SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.45 W/kg**



0 dB = 2.93 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.886 \text{ S/m}$ ;  $\epsilon_r = 42.006$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.55, 10.55, 10.55); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 21.2; Tissue Temp: 21.0

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

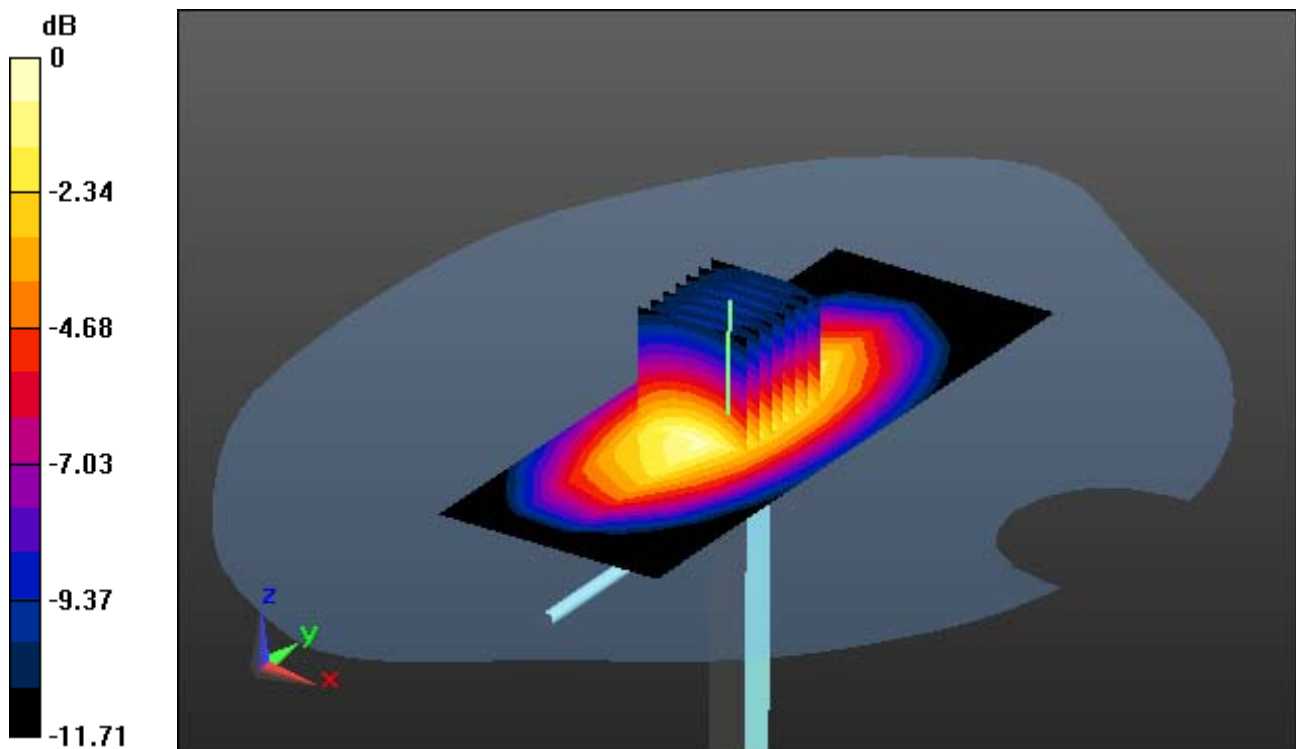
**Area Scan (5x12x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.41 W/kg

**SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.39 W/kg**



0 dB = 2.83 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.979$  S/m;  $\epsilon_r = 55.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.6, 10.6, 10.6); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-03; Ambient Temp: 21.0; Tissue Temp: 20.9

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

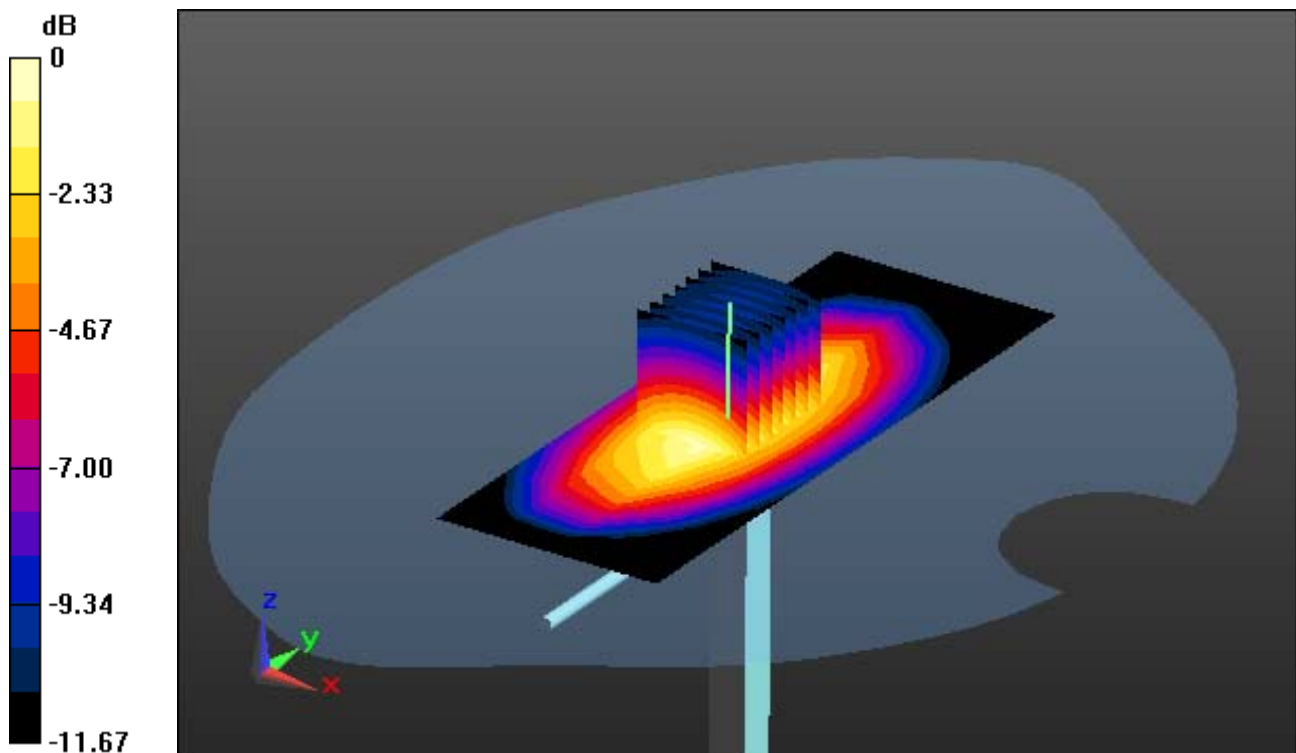
**Area Scan (5x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.62 W/kg

**SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.48 W/kg**



0 dB = 3.01 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 40.454$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(9.32, 9.32, 9.32); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396 Sensor-Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-04; Ambient Temp: 21.4; Tissue Temp: 21.5

### **1800 MHz System Head Verification (250 mW)**

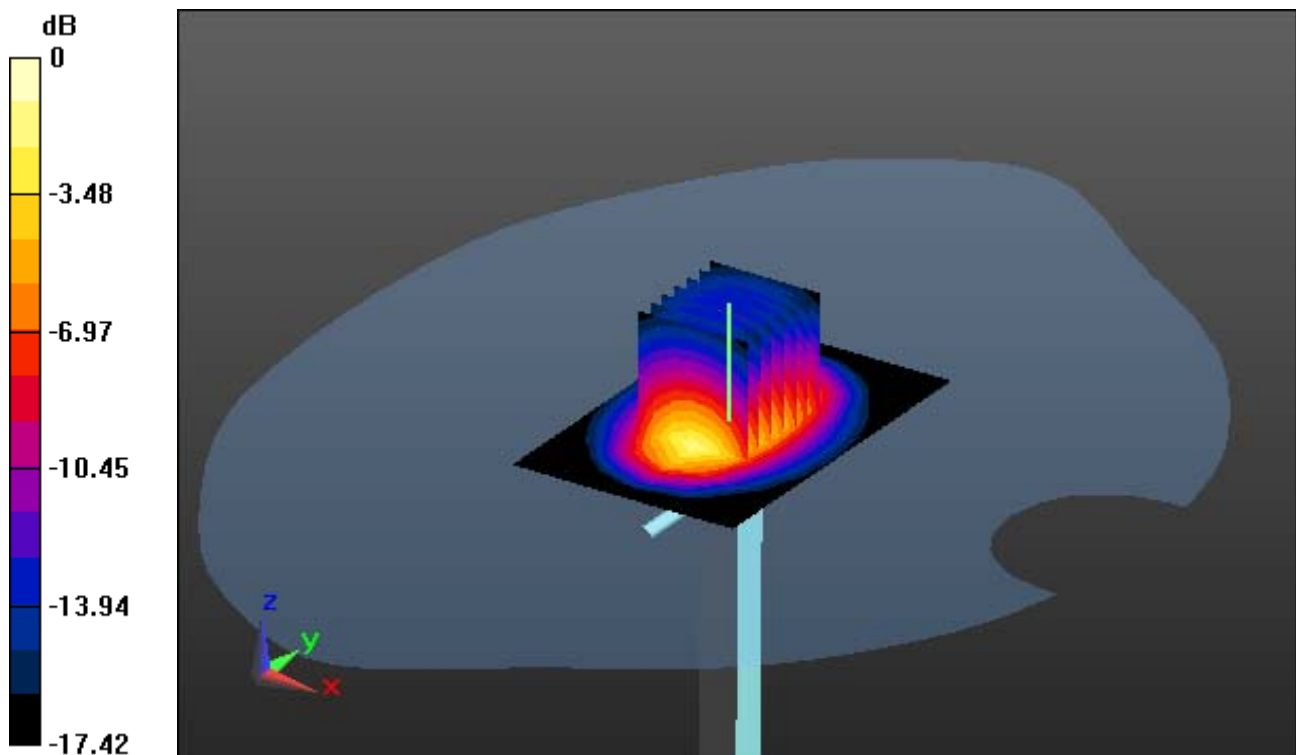
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.3 W/kg

**SAR(1 g) = 9.33 W/kg; SAR(10 g) = 4.81 W/kg**



0 dB = 12.7 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047**

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.491$  S/m;  $\epsilon_r = 51.961$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.87, 8.87, 8.87); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-05; Ambient Temp: 21.6; Tissue Temp: 21.4

### **1800 MHz System Body Verification (250 mW)**

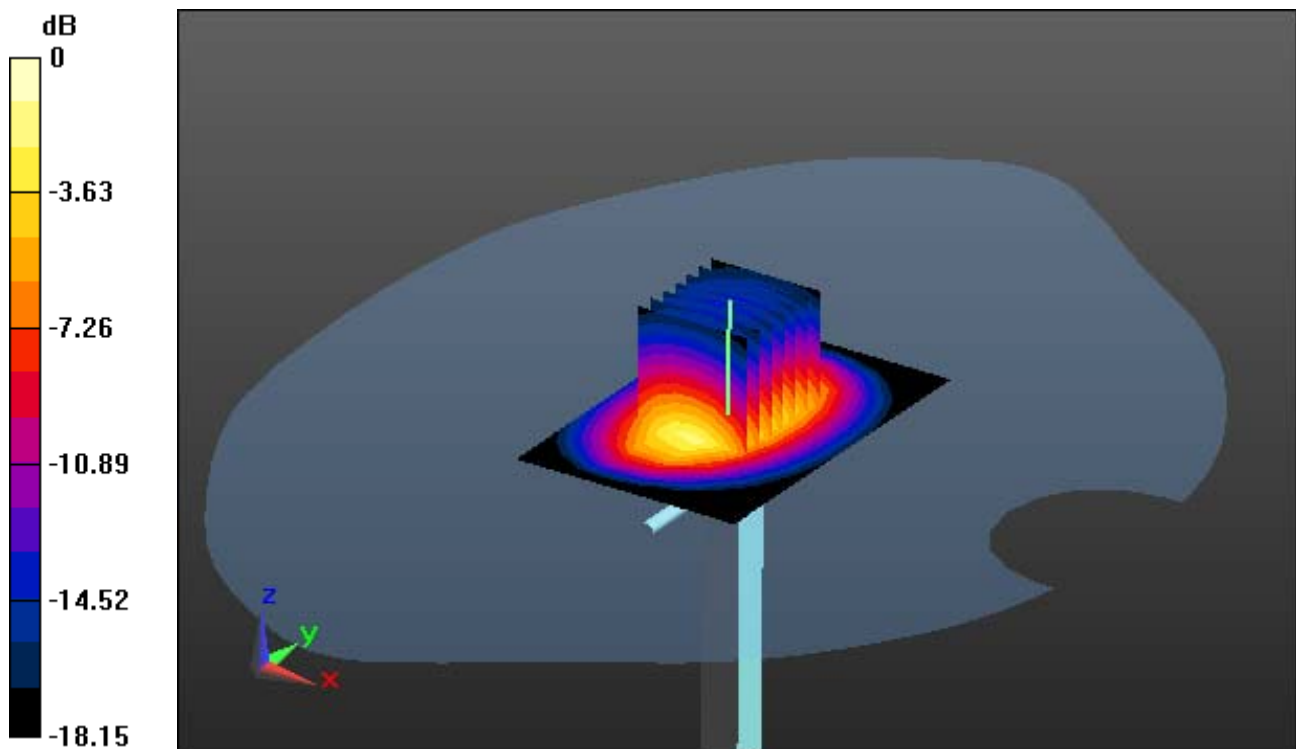
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.2 W/kg; SAR(10 g) = 4.76 W/kg



0 dB = 13.4 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 41.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.95, 8.95, 8.95); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-06; Ambient Temp: 21.2; Tissue Temp: 21.1

### **1900 MHz System Head Verification (250 mW)**

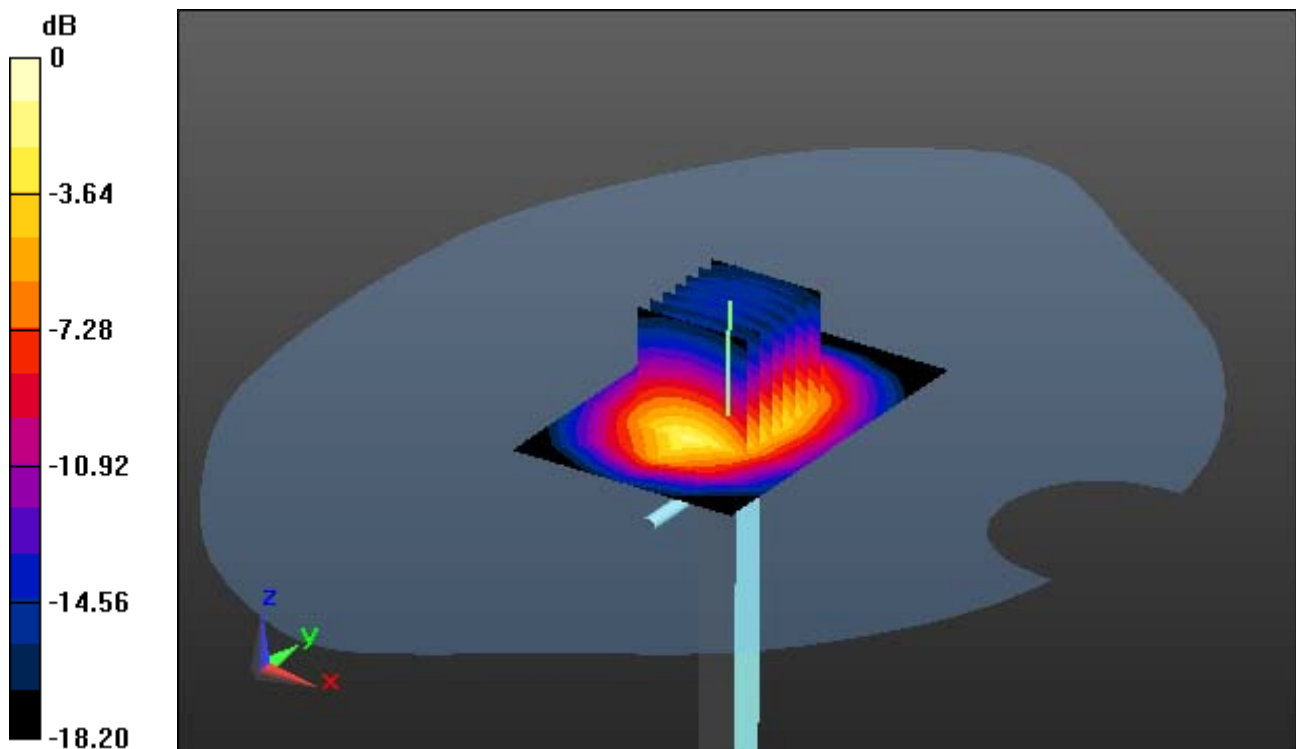
**Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 19.2 W/kg

**SAR(1 g) = 9.98 W/kg; SAR(10 g) = 5.2 W/kg**



0 dB = 14.5 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.516$  S/m;  $\epsilon_r = 54.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.5, 8.5, 8.5); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-09; Ambient Temp: 20.3; Tissue Temp: 20.2

### **1900 MHz System Body Verification (250 mW)**

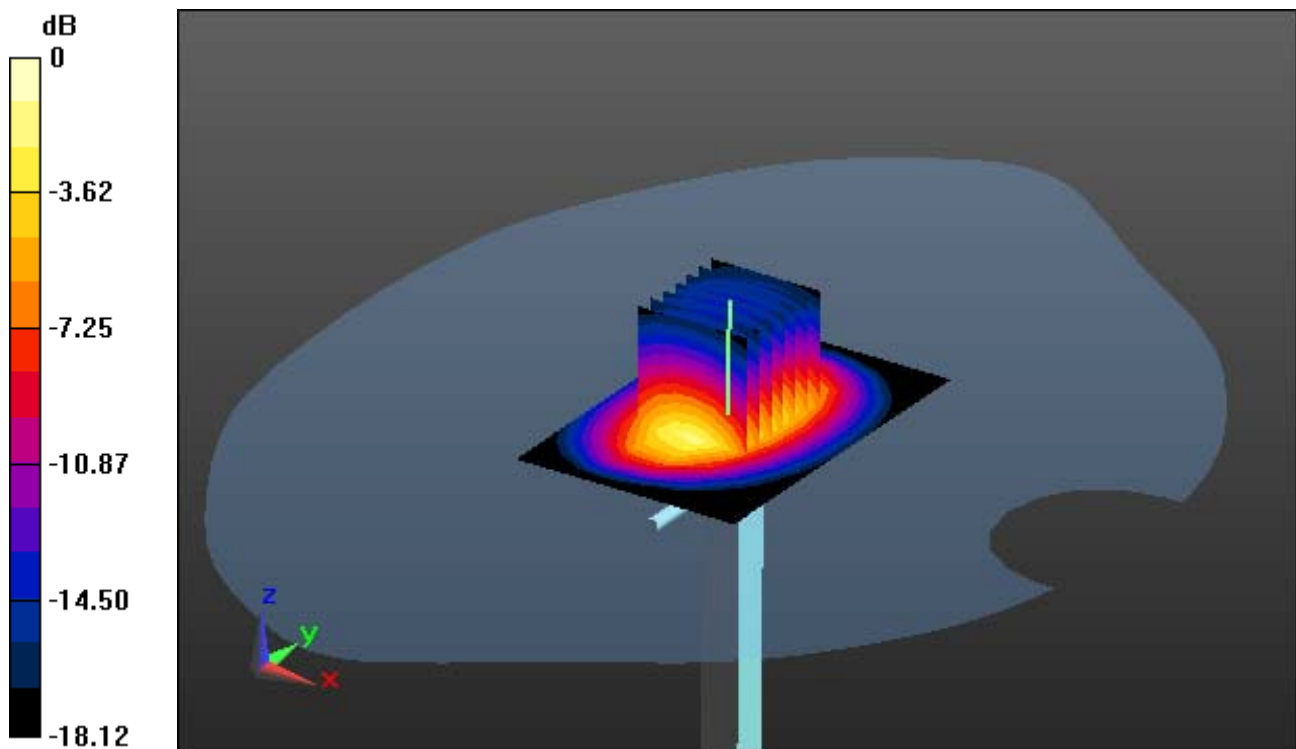
**Area Scan (7x10x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 18.3 W/kg

**SAR(1 g) = 9.71 W/kg; SAR(10 g) = 5.02 W/kg**



0 dB = 14.1 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.806$  S/m;  $\epsilon_r = 38.103$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-23; Ambient Temp: 21.2; Tissue Temp: 22.2

### **2450 MHz System Head Verification**

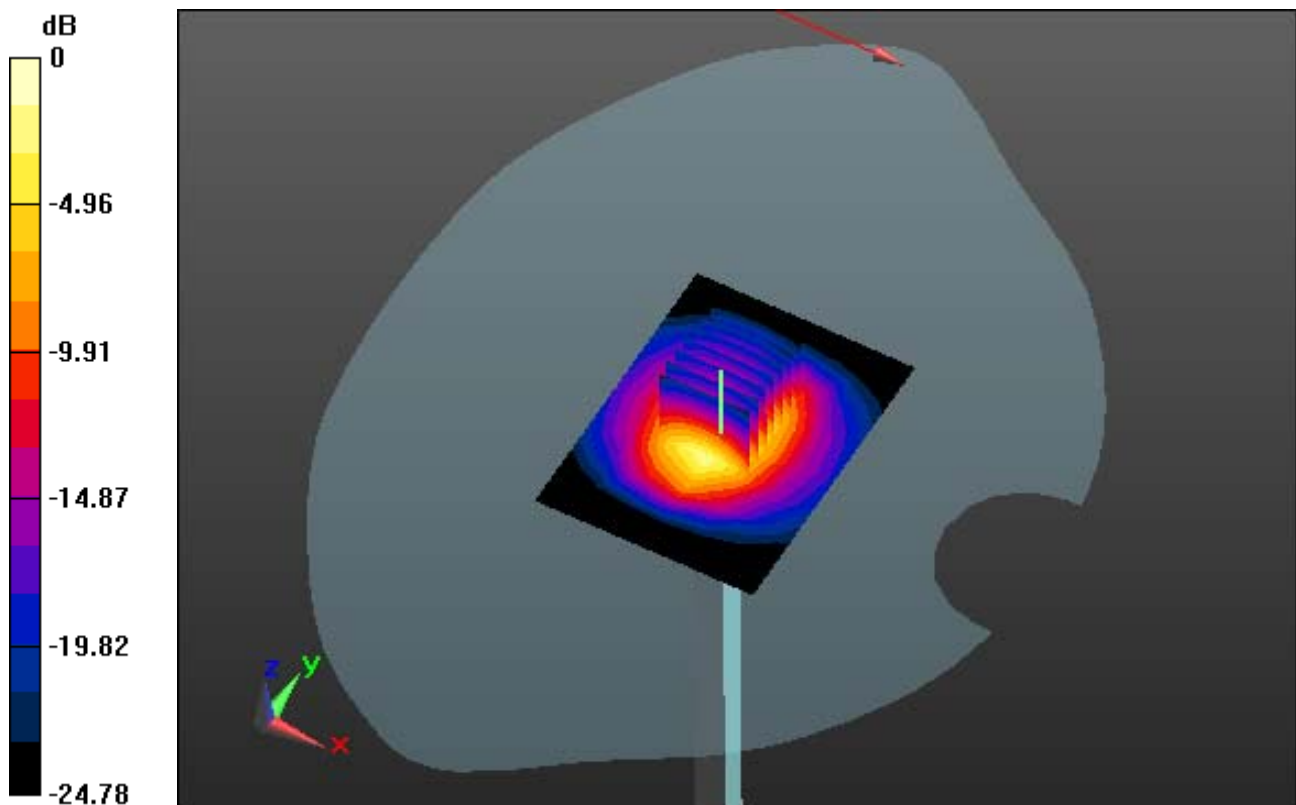
**Area Scan (7x9x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 4.96 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 7.70 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.918$  S/m;  $\epsilon_r = 50.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM with CRP\_2016\_07\_22\_middle; Type: QD000P40CD; Serial: TP:1786  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

### **2450 MHz System Body Verification**

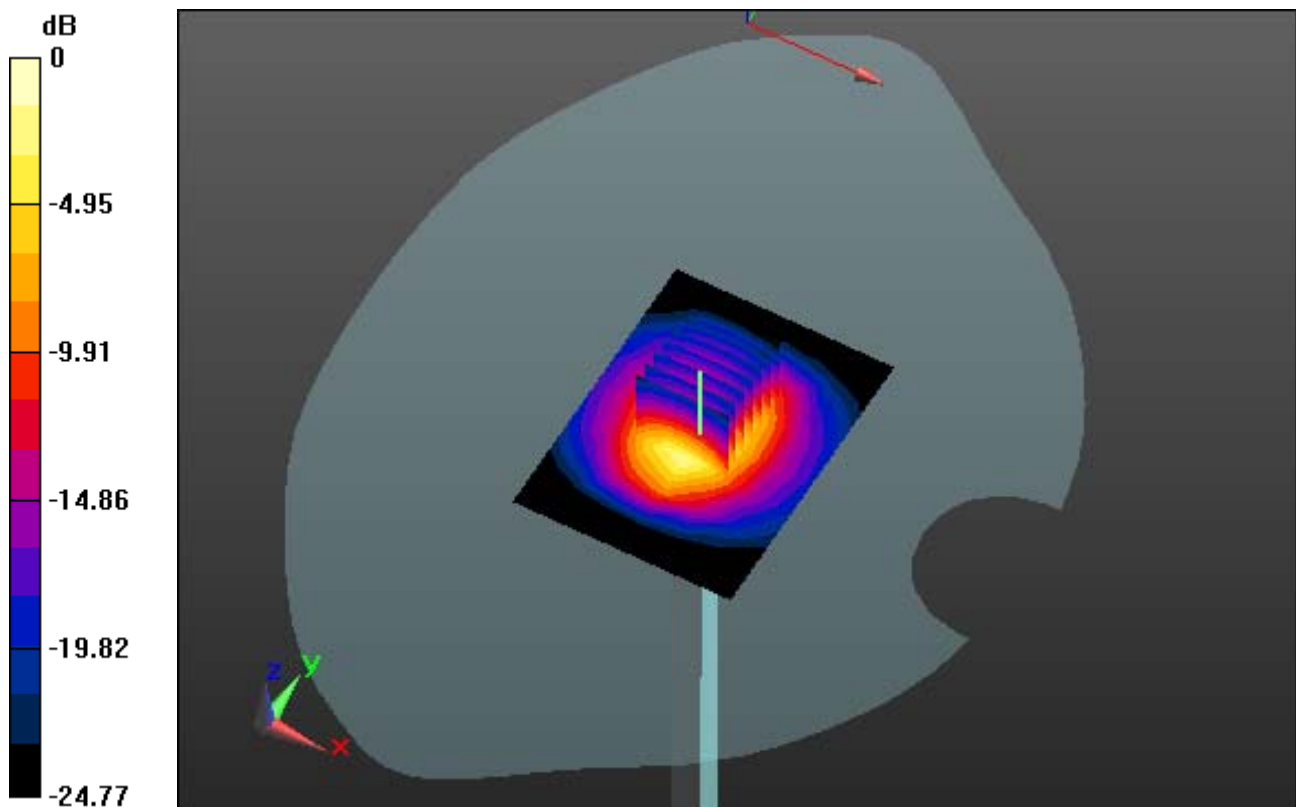
**Area Scan (7x9x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.24 W/kg; SAR(10 g) = 2.36 W/kg



0 dB = 8.13 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1103**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.007$  S/m;  $\epsilon_r = 39.023$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-10; Ambient Temp: 20.4; Tissue Temp: 20.3

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

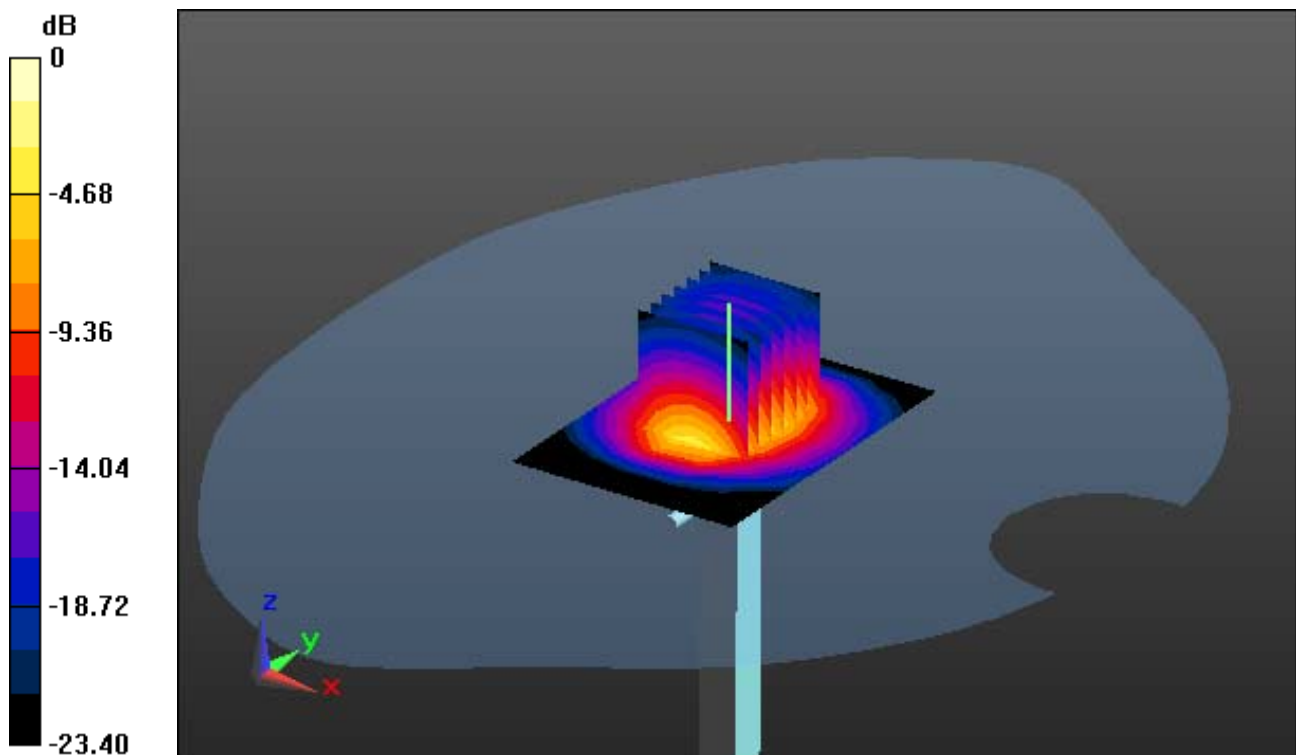
**Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 12.4 W/kg

**SAR(1 g) = 5.93 W/kg; SAR(10 g) = 2.66 W/kg**



0 dB = 9.20 W/kg

## DT&C Co., Ltd.

**DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1103**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.113$  S/m;  $\epsilon_r = 52.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-11; Ambient Temp: 20.6; Tissue Temp: 20.4

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

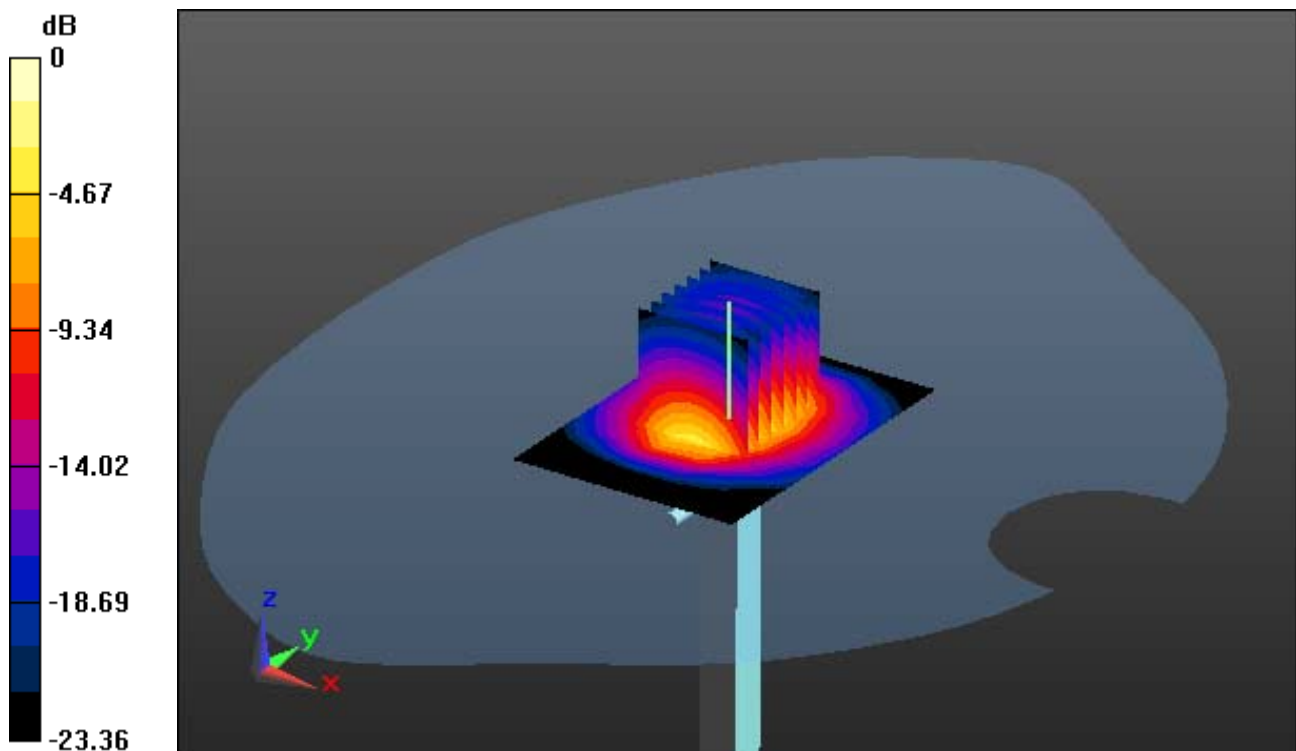
**Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 5.49 W/kg; SAR(10 g) = 2.46 W/kg**



0 dB = 8.53 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.223$  S/m;  $\epsilon_r = 47.173$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.87, 4.87, 4.87); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-27; Ambient Temp: 20.6; Tissue Temp: 21.5

### **5200 MHz System Body Verification**

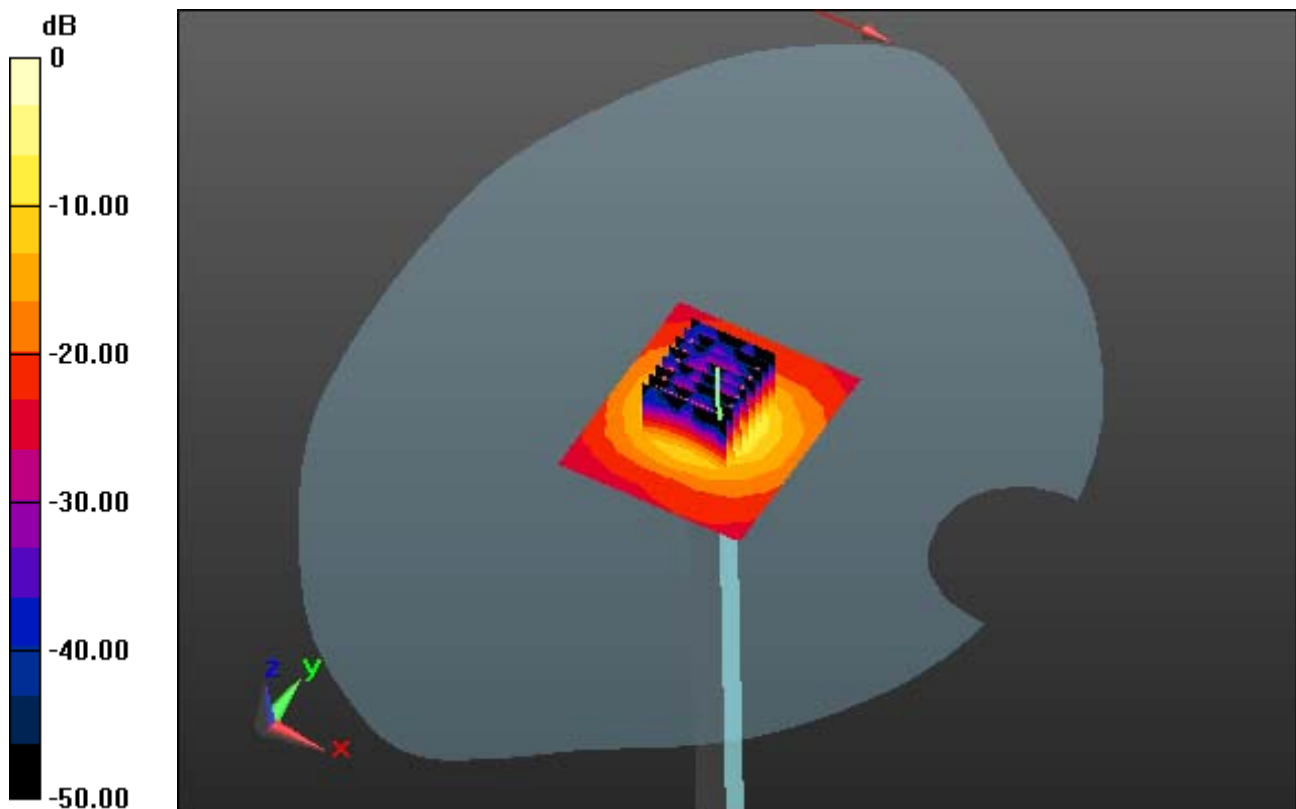
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 30.8 W/kg

SAR(1 g) = 7.09 W/kg; SAR(10 g) = 1.97 W/kg



0 dB = 17.4 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.835$  S/m;  $\epsilon_r = 34.906$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-28; Ambient Temp: 20.2; Tissue Temp: 21.4

### **5300 MHz System Head Verification**

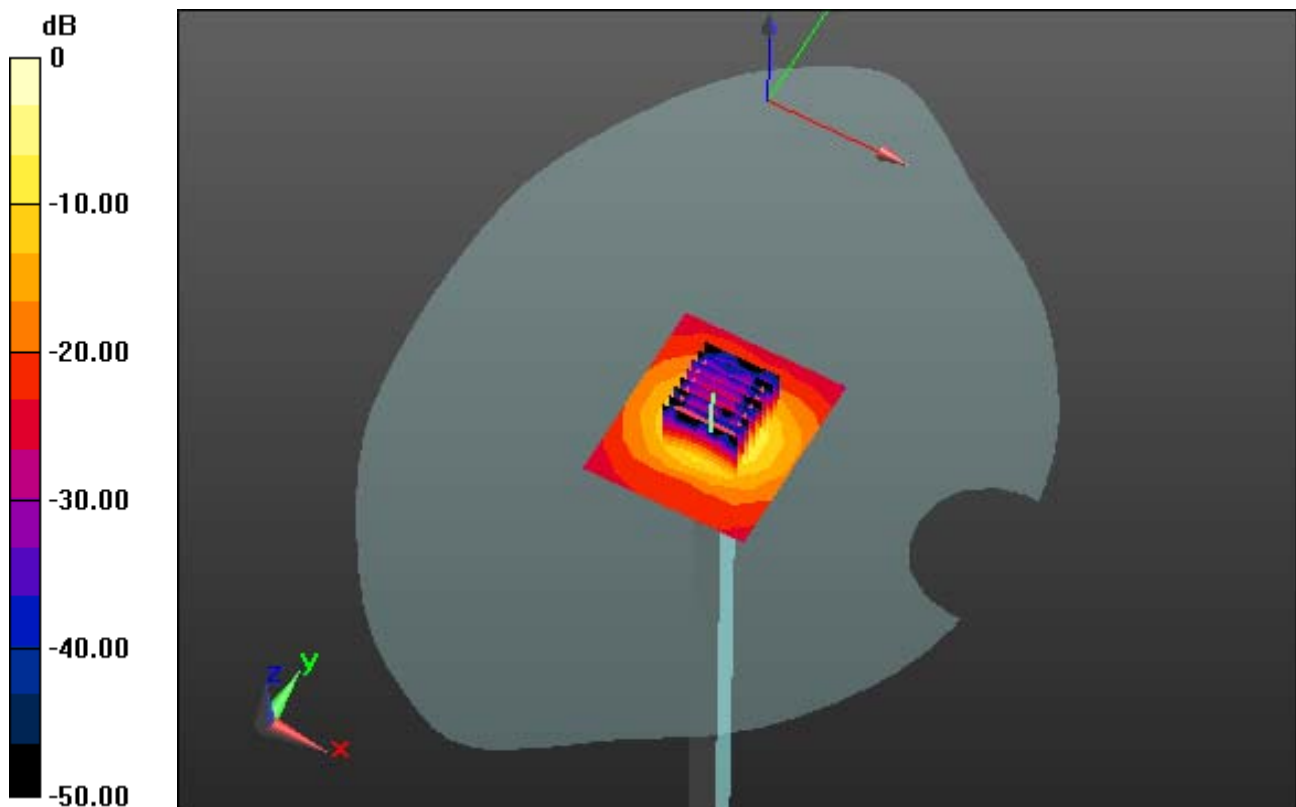
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 32.9 W/kg

SAR(1 g) = 8.02 W/kg; SAR(10 g) = 2.29 W/kg



0 dB = 19.0 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.36$  S/m;  $\epsilon_r = 47.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

### **5300 MHz System Body Verification**

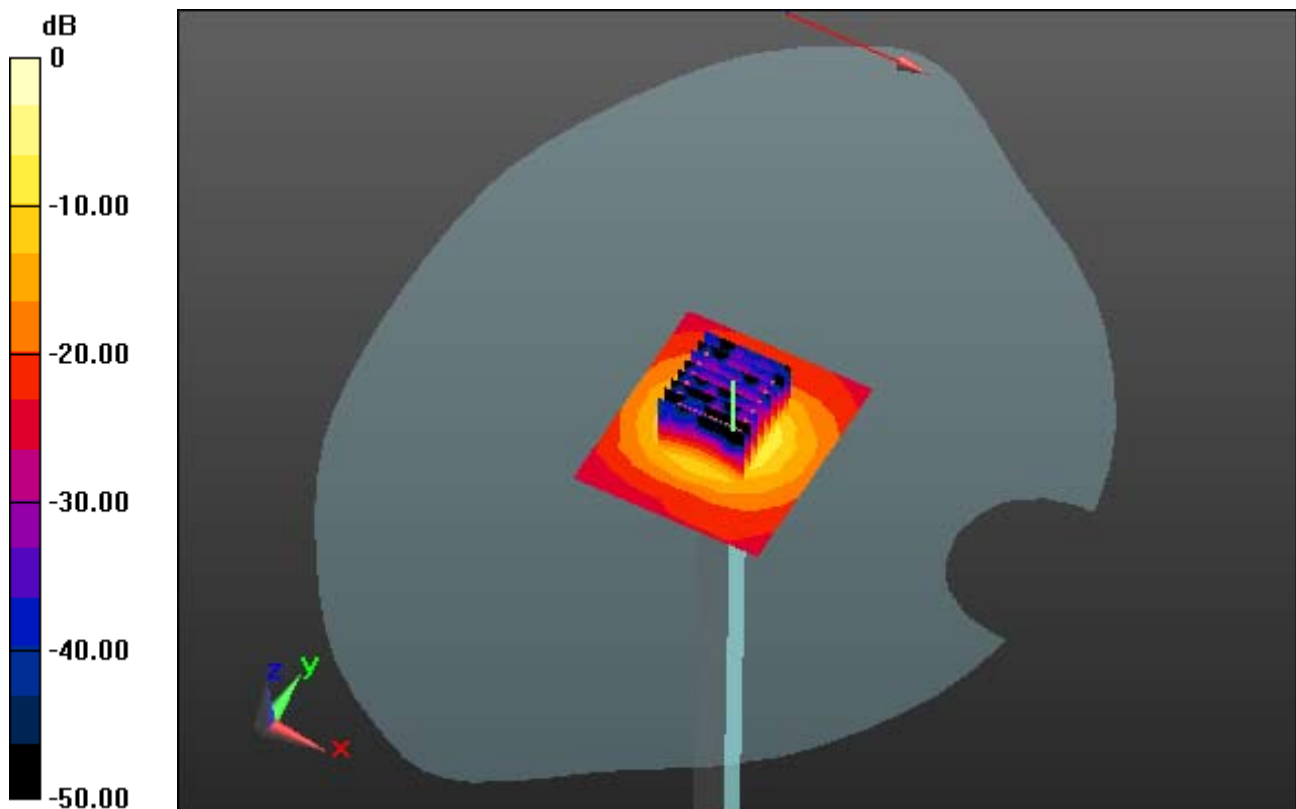
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.11 W/kg



0 dB = 18.5 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.086$  S/m;  $\epsilon_r = 35.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-30; Ambient Temp: 21.1; Tissue Temp: 21.9

### **5600 MHz System Head Verification**

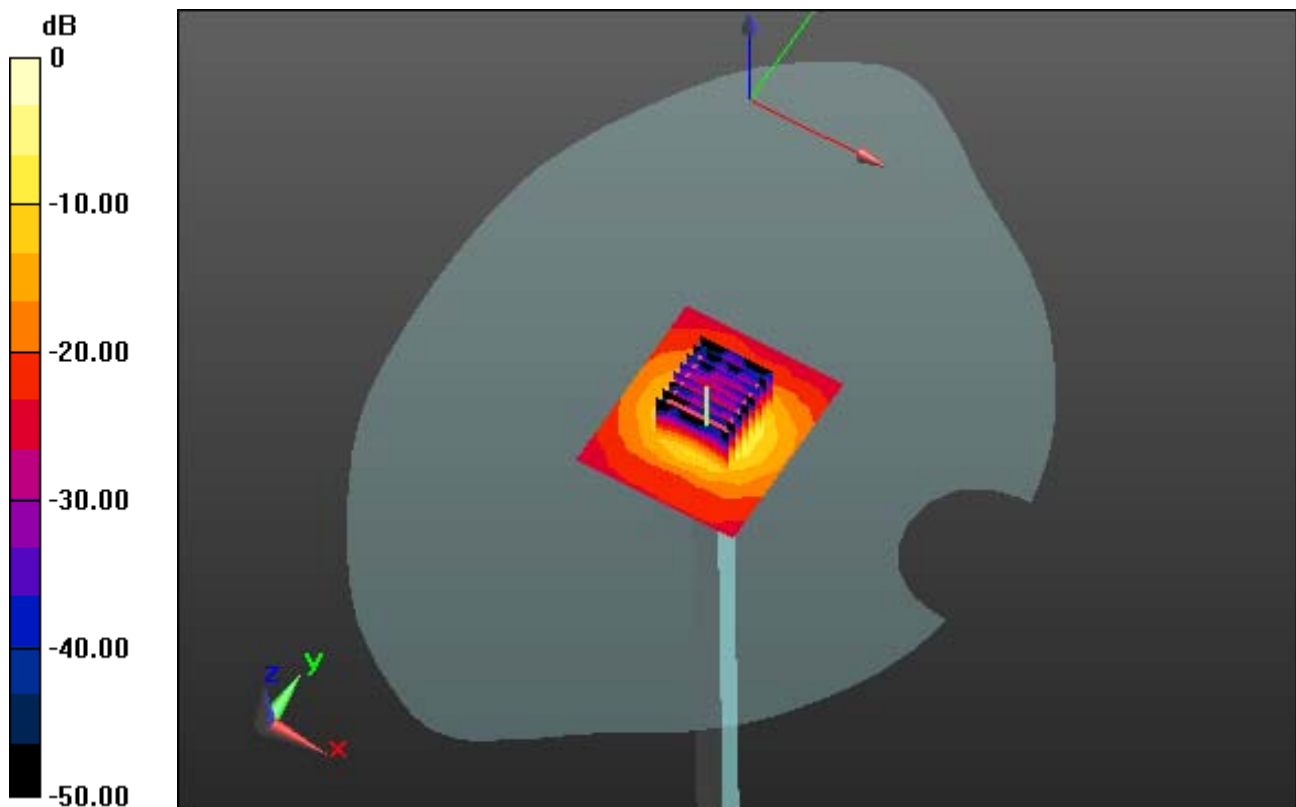
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 33.3 W/kg

SAR(1 g) = 8.35 W/kg; SAR(10 g) = 2.39 W/kg



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.914$  S/m;  $\epsilon_r = 48.019$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

### **5600 MHz System Body Verification**

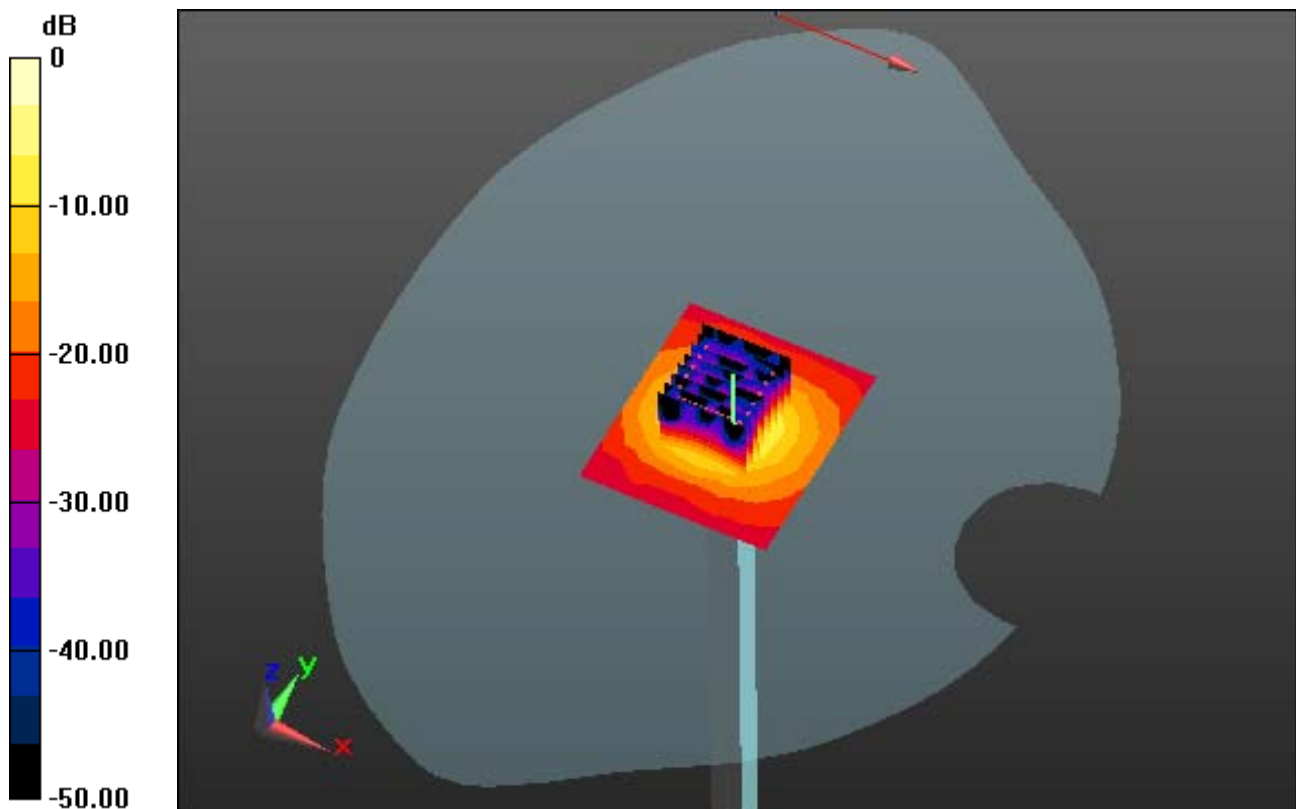
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 35.3 W/kg

**SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.13 W/kg**



0 dB = 19.1 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.301$  S/m;  $\epsilon_r = 34.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-30; Ambient Temp: 21.1; Tissue Temp: 21.9

### **5800 MHz System Head Verification**

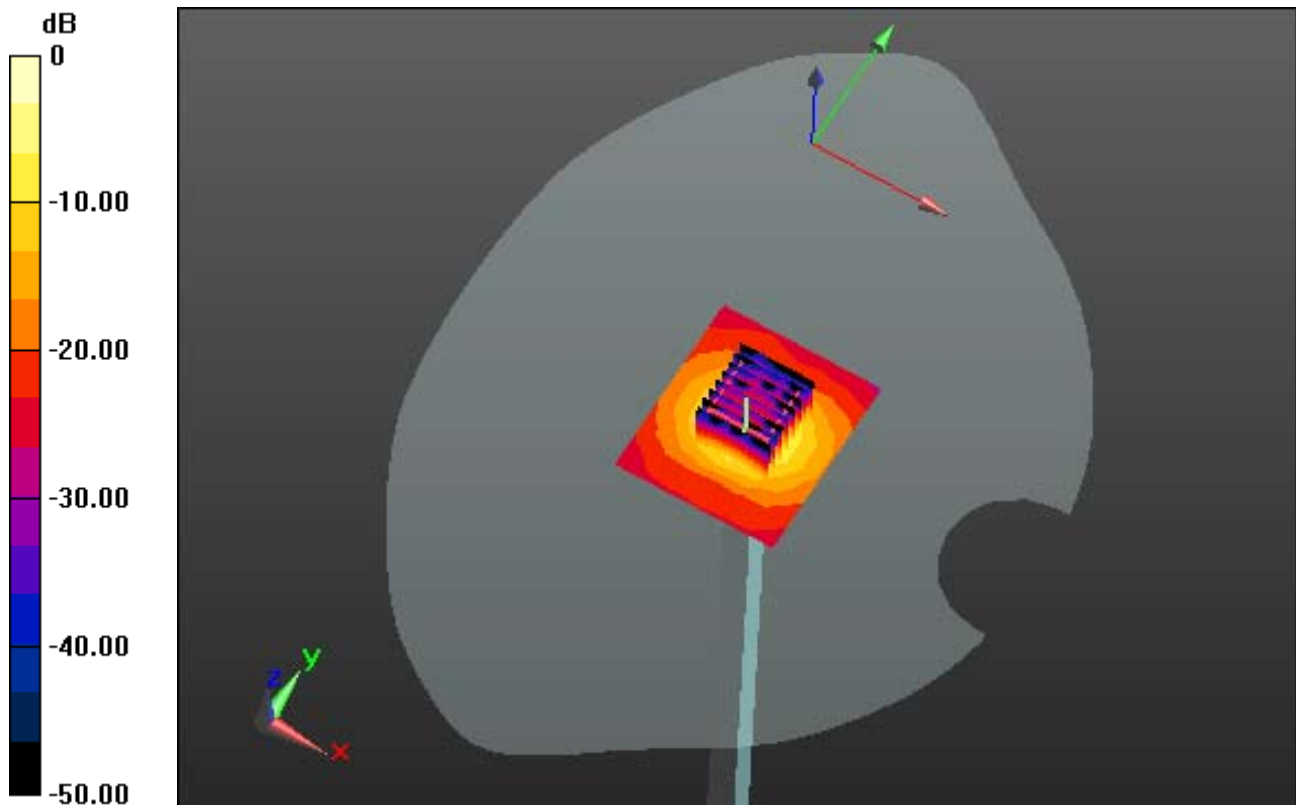
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 32.2 W/kg

**SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.3 W/kg**



0 dB = 19.1 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.19 \text{ S/m}$ ;  $\epsilon_r = 47.657$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

### **5800 MHz System Body Verification**

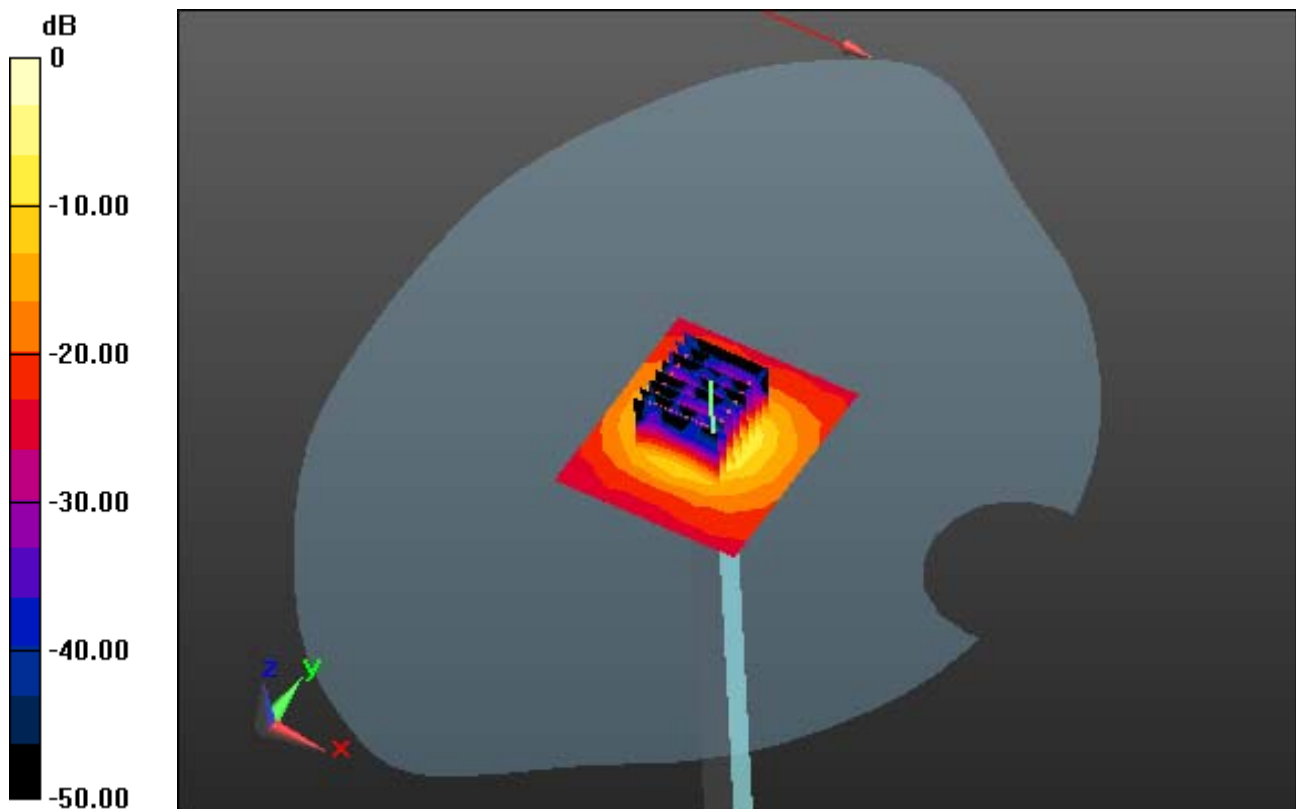
**Area Scan (7x8x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 34.6 W/kg

**SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.07 W/kg**



## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 5.423$  S/m;  $\epsilon_r = 35.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-03; Ambient Temp: 20.8; Tissue Temp: 21.0

### **5800 MHz System Head Verification**

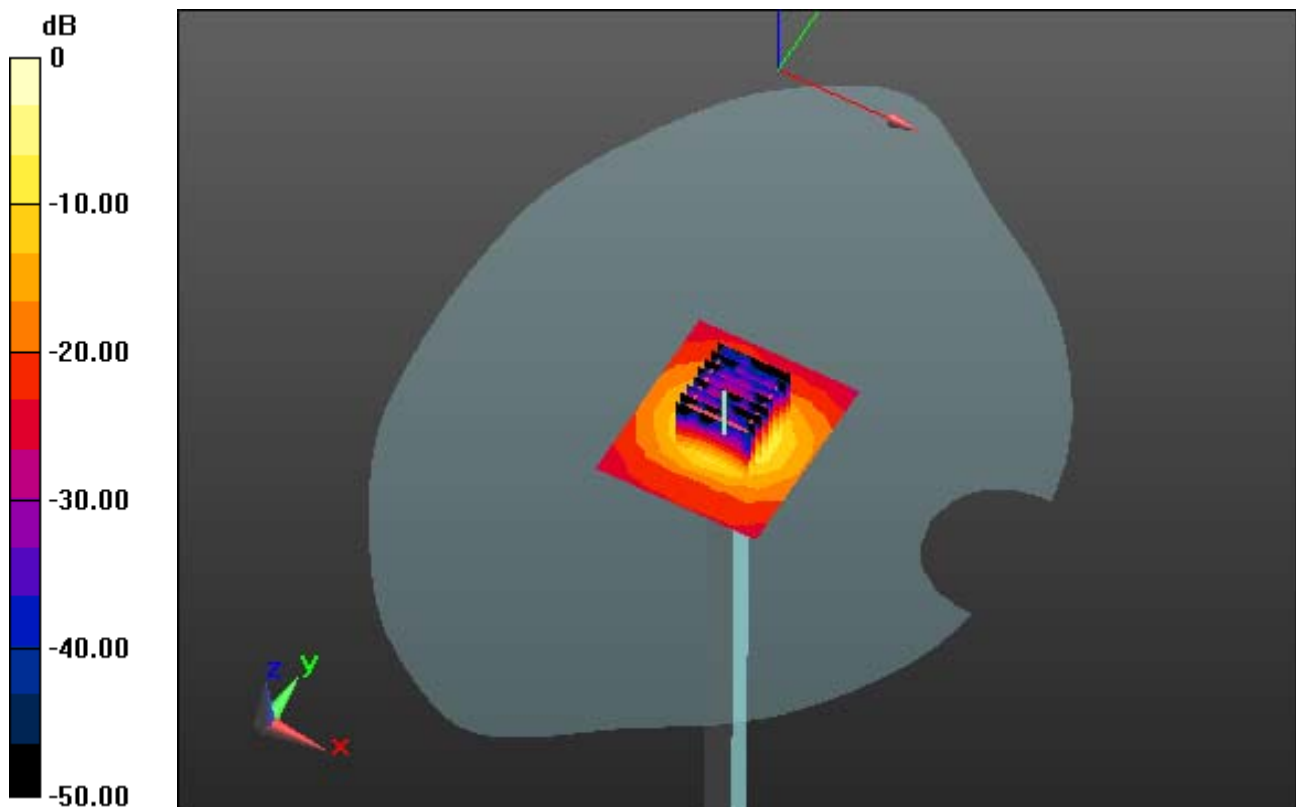
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 31.9 W/kg

SAR(1 g) = 7.92 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 18.8 W/kg

## DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 5800$  MHz;  $\sigma = 6.18$  S/m;  $\epsilon_r = 48.035$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

### **5800 MHz System Body Verification**

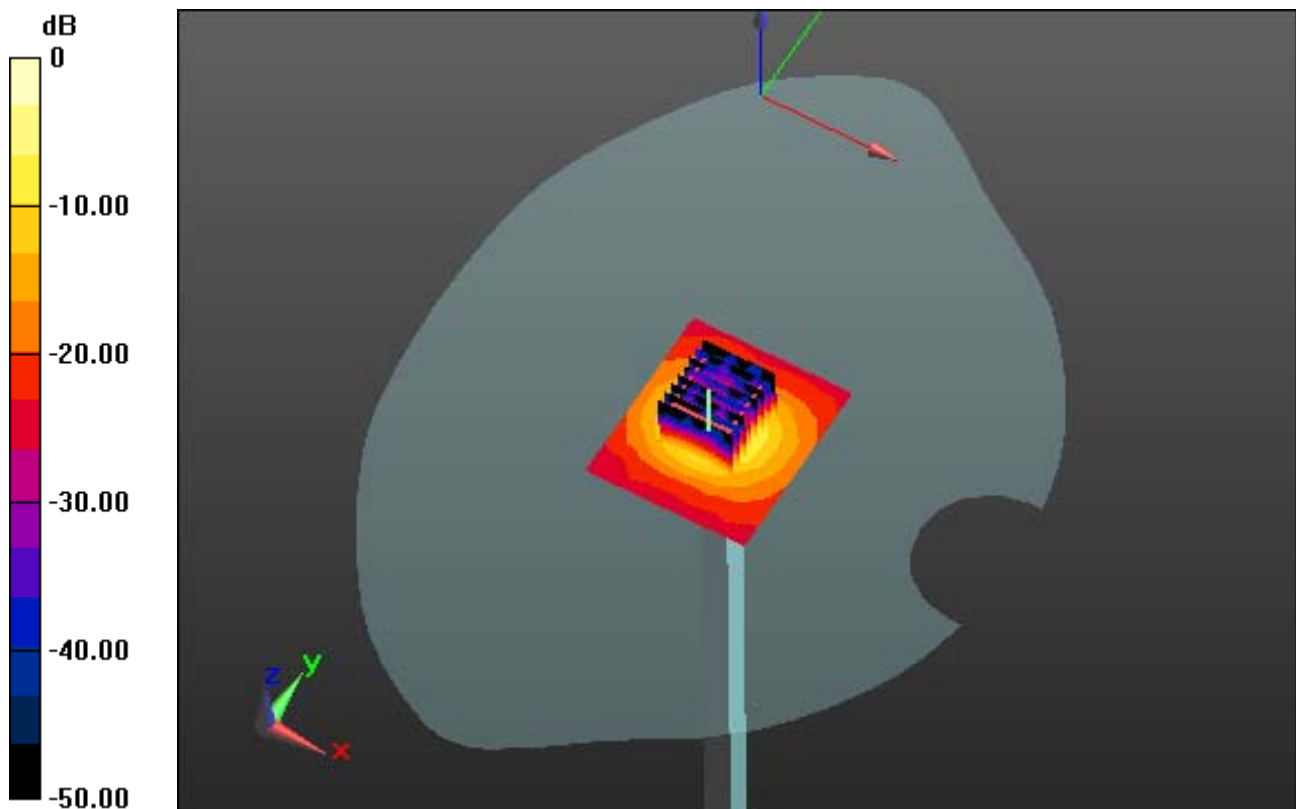
**Area Scan (7x8x1):** Measurement grid: dx=10mm, dy=10mm

**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) = 36.1 W/kg

**SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.16 W/kg**



0 dB = 19.2 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.869 \text{ S/m}$ ;  $\epsilon_r = 40.851$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(11.05, 11.05, 11.05); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-04; Ambient Temp: 21.7; Tissue Temp: 22.0

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

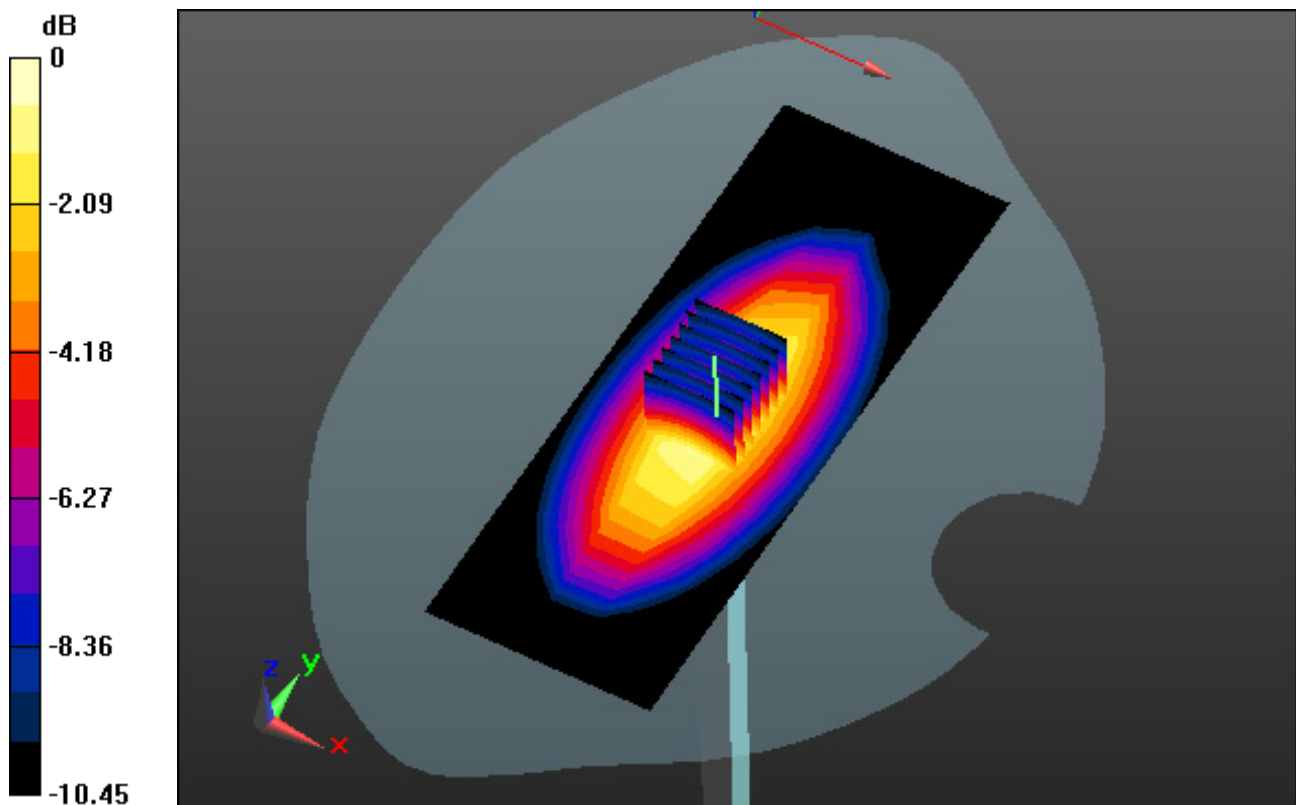
**Area Scan (6x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.36 W/kg



0 dB = 2.45 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.927 \text{ S/m}$ ;  $\epsilon_r = 54.083$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.86, 10.86, 10.86); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-05-04; Ambient Temp: 21.7; Tissue Temp: 22.1

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

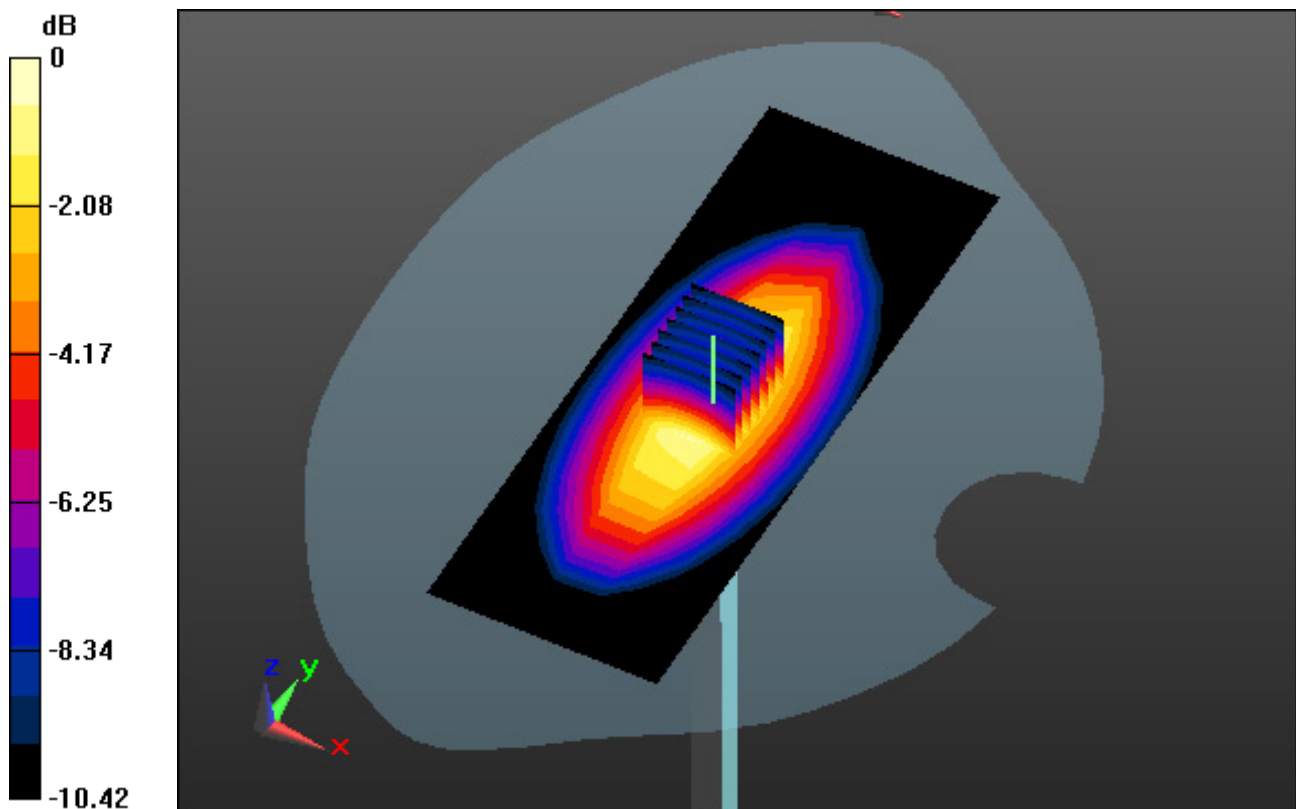
**Area Scan (6x15x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**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) = 3.10 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.36 W/kg



0 dB = 2.64 W/kg

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 41.993$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.55, 10.55, 10.55); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 21.2; Tissue Temp: 21.0

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

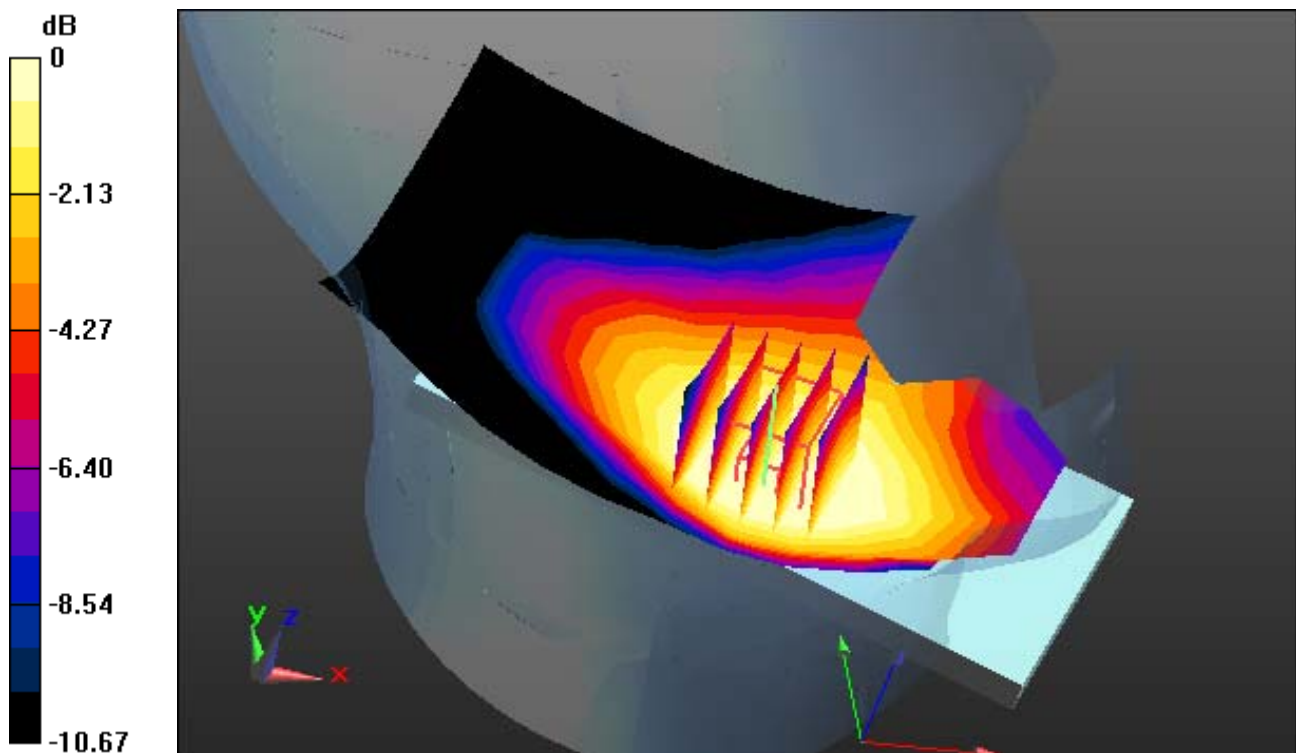
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

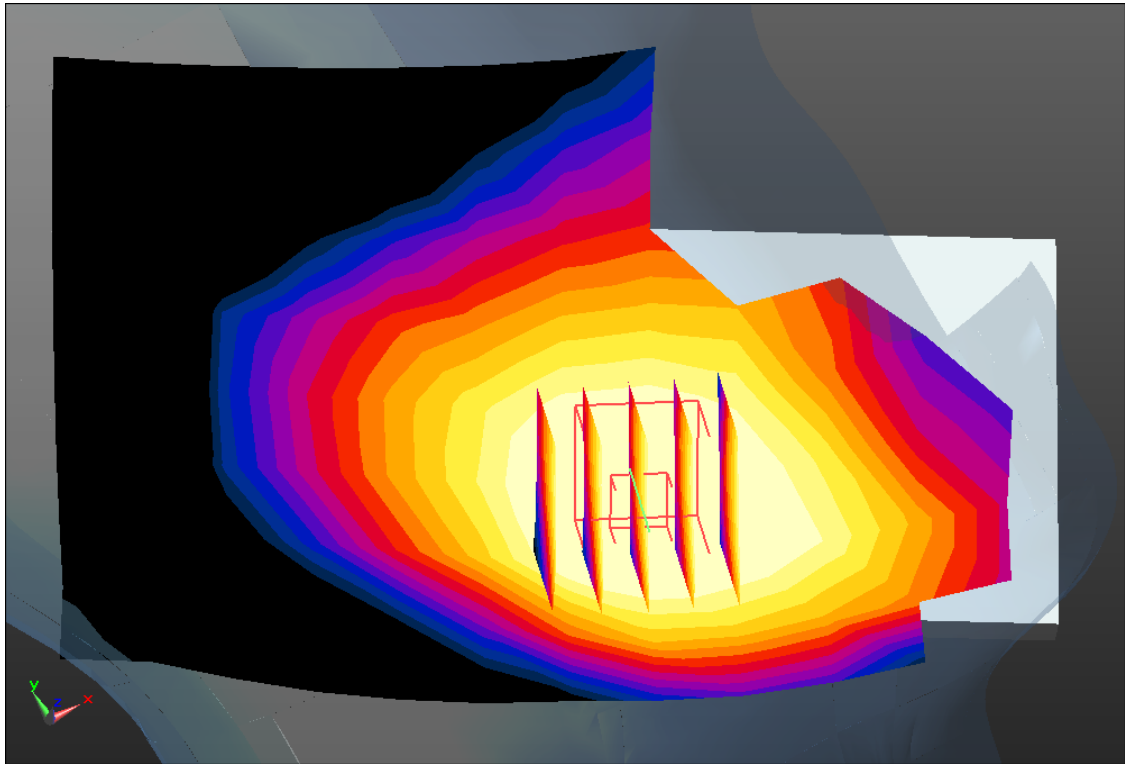
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.145 W/kg

**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.087 W/kg**



0 dB = 0.130 W/kg



Enlarged Plot for A1

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, GSM 850\_2 Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 41.993$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.55, 10.55, 10.55); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 21.2; Tissue Temp: 21.0

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

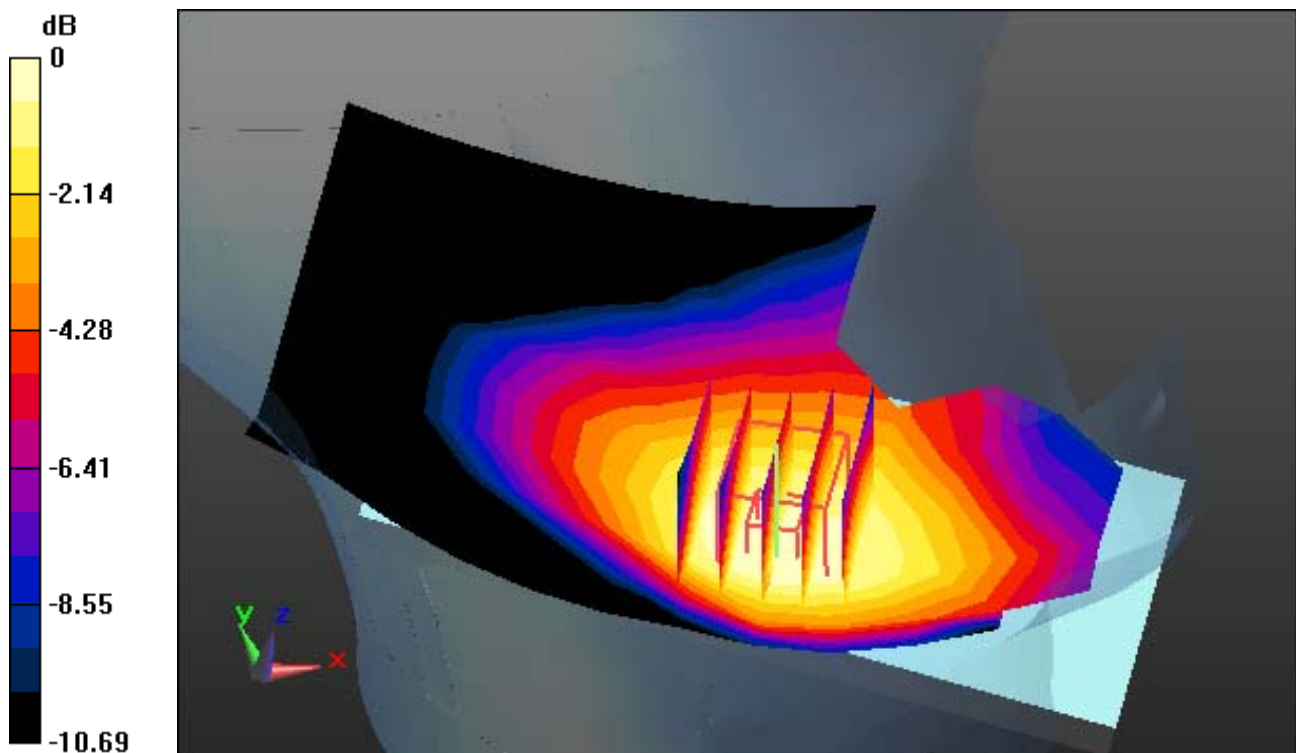
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

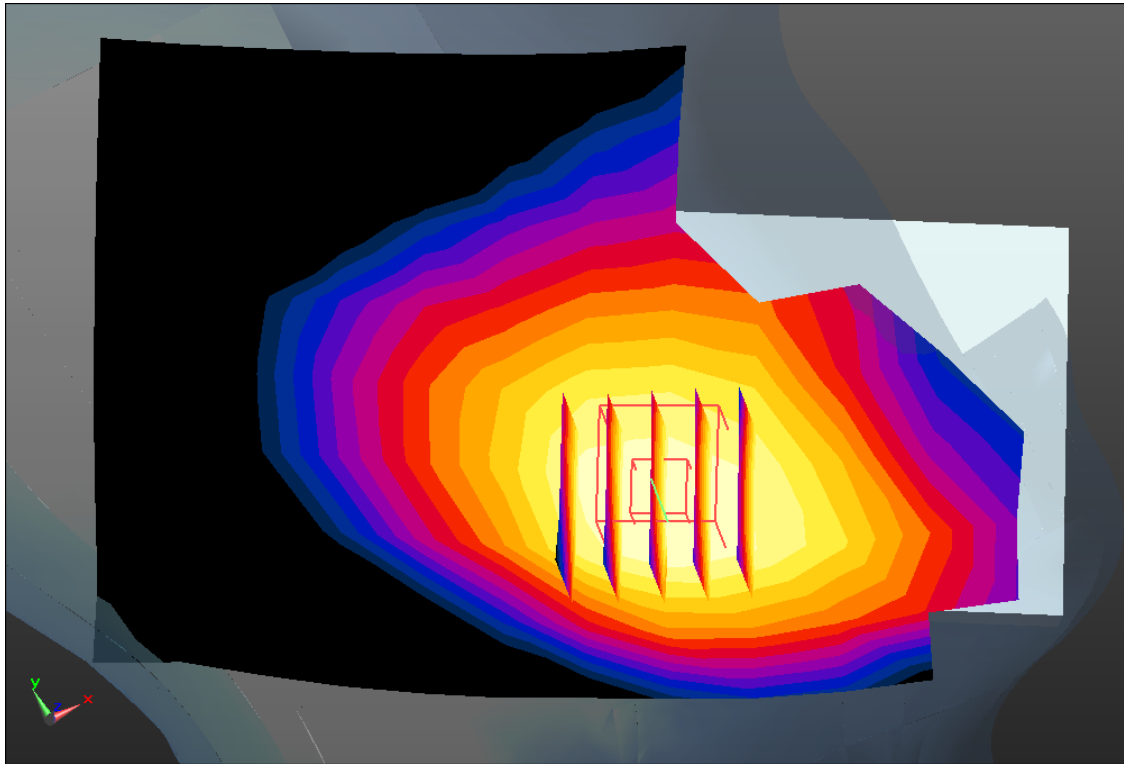
Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.113 W/kg**



0 dB = 0.169 W/kg



Enlarged Plot for A2

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 41.407$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.95, 8.95, 8.95); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-06; Ambient Temp: 21.2; Tissue Temp: 21.1

**Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

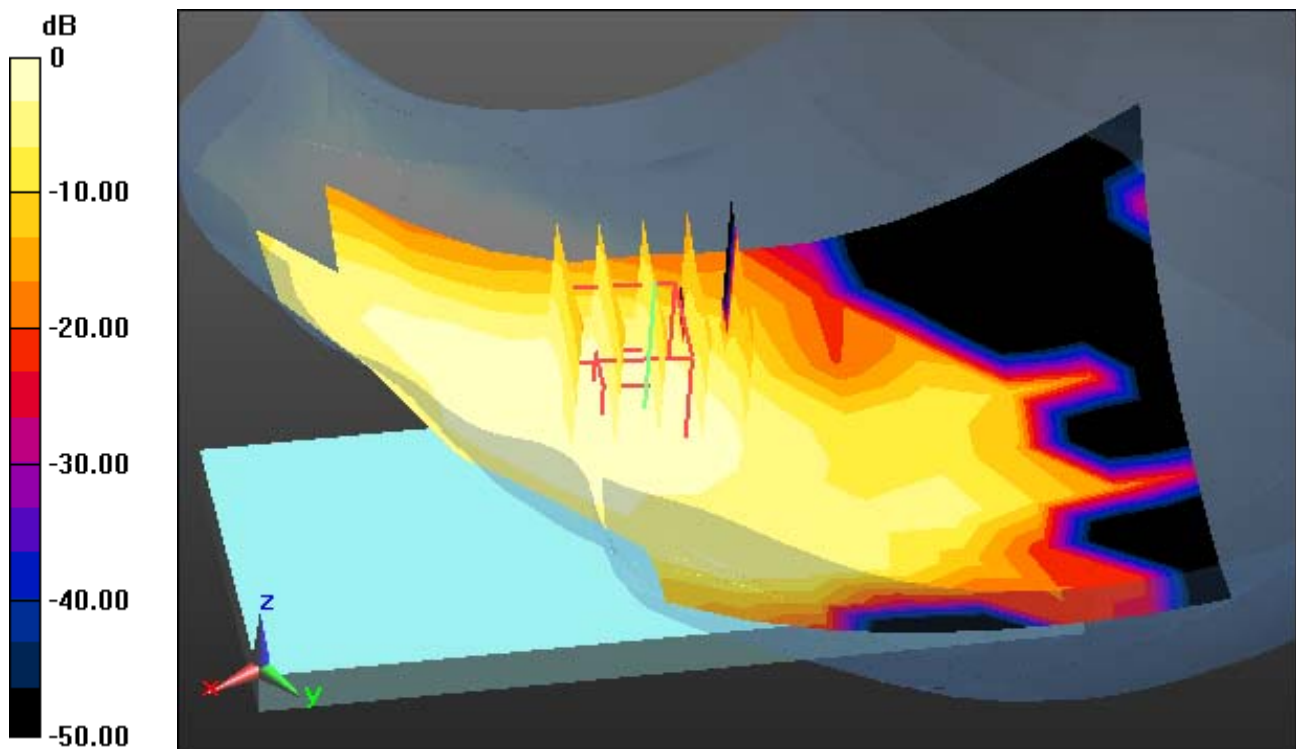
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

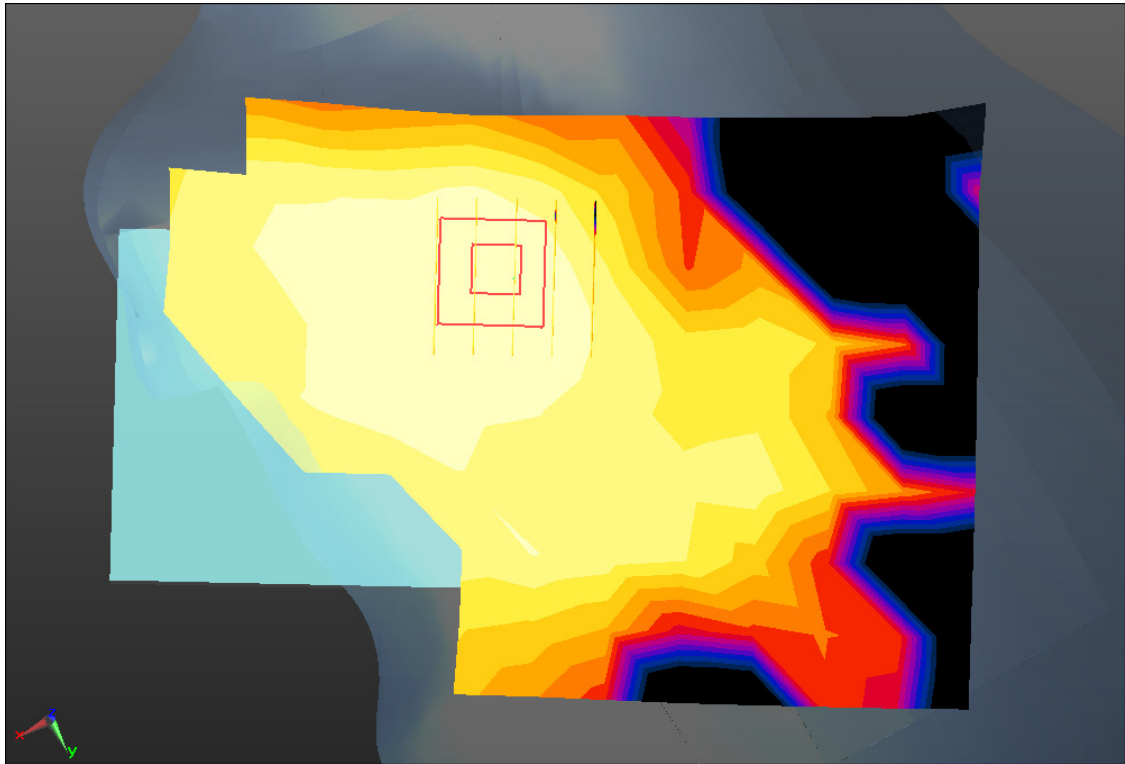
Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0530 W/kg

**SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.021 W/kg**



0 dB = 0.0433 W/kg



Enlarged Plot for A3

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, PCS1900\_2 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 41.407$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.95, 8.95, 8.95); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-06; Ambient Temp: 21.2; Tissue Temp: 21.1

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

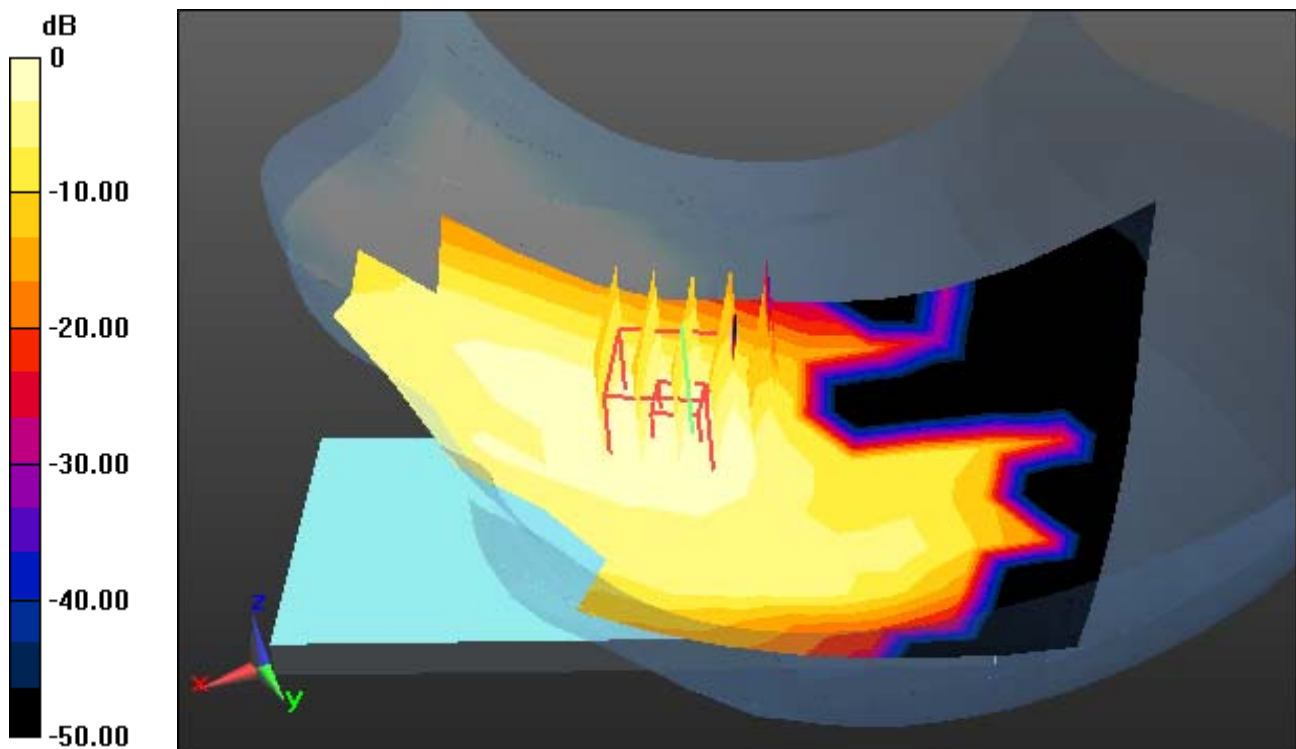
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

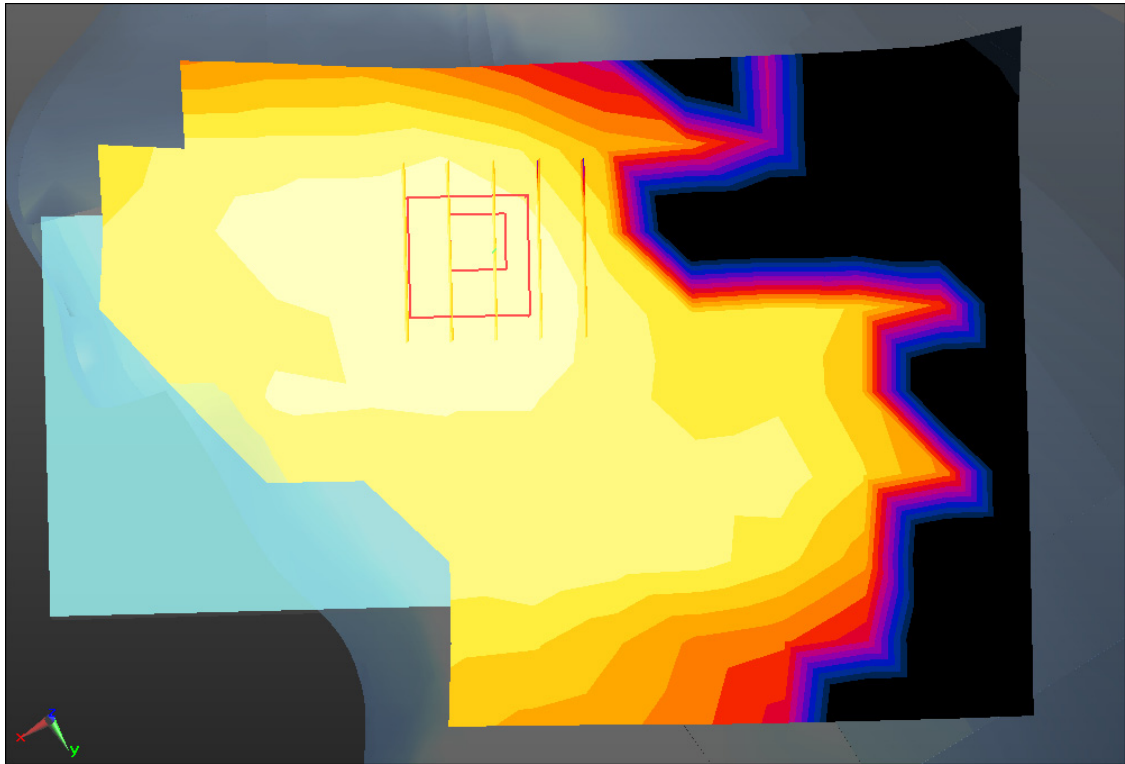
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0610 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.025 W/kg**



0 dB = 0.0519 W/kg



Enlarged Plot for A4

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 41.993$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.55, 10.55, 10.55); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 21.2; Tissue Temp: 21.0

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

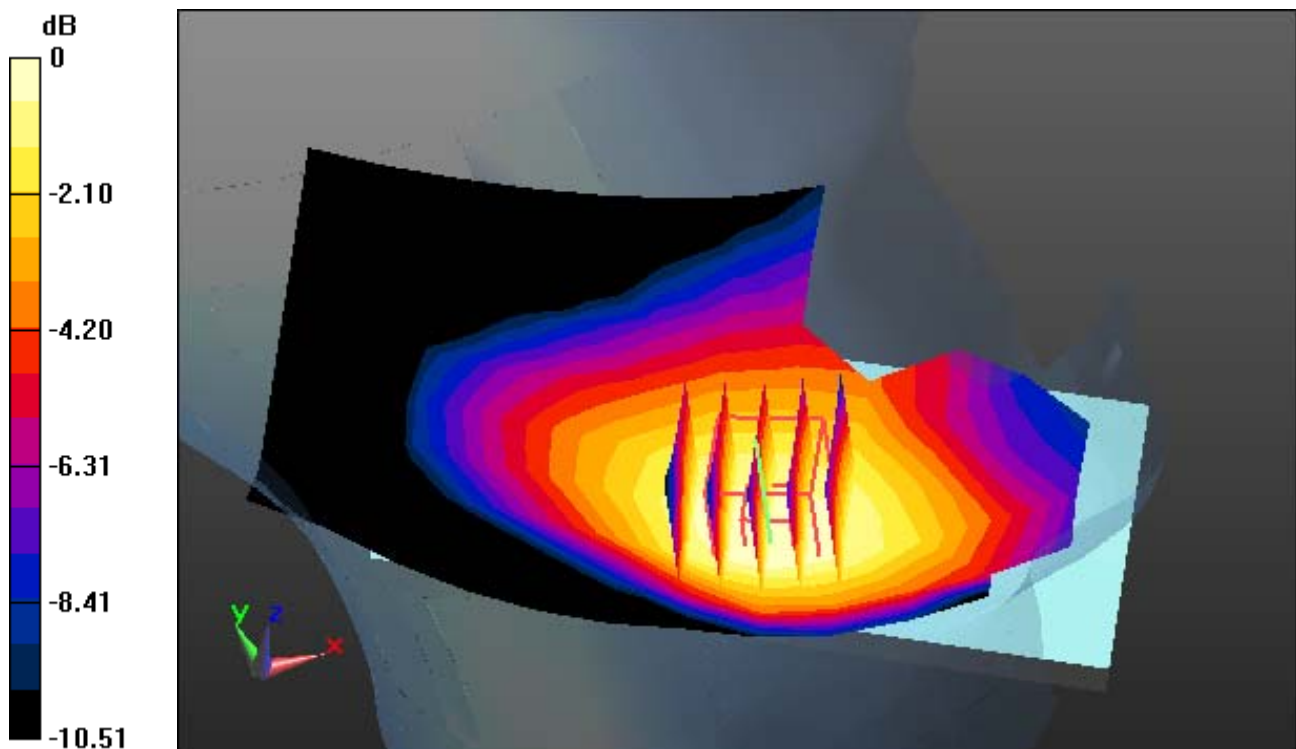
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

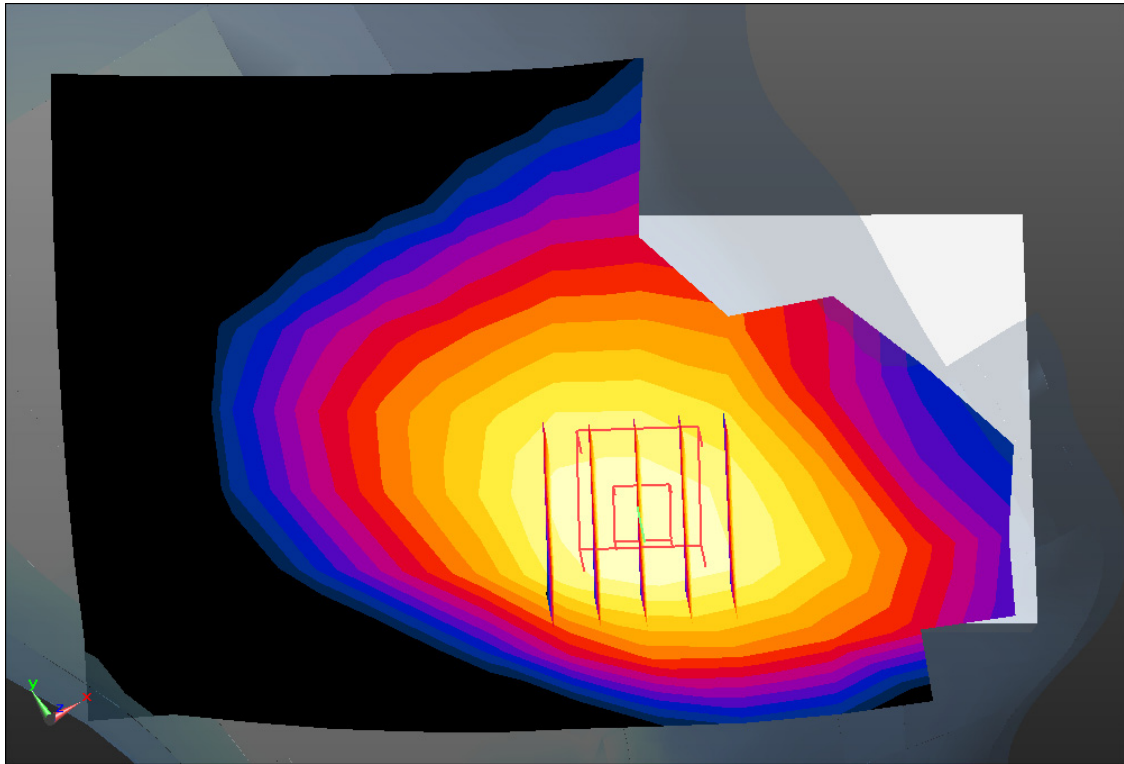
Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.250 W/kg

**SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.154 W/kg**



0 dB = 0.226 W/kg



Enlarged Plot for A5

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, WCDMA Band 4 (FCC) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.352$  S/m;  $\epsilon_r = 40.873$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(9.32, 9.32, 9.32); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396  
Sensor-Surface: 2mm (Mechanical Surface Detection)  
Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782  
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-04; Ambient Temp: 21.4; Tissue Temp: 21.5

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

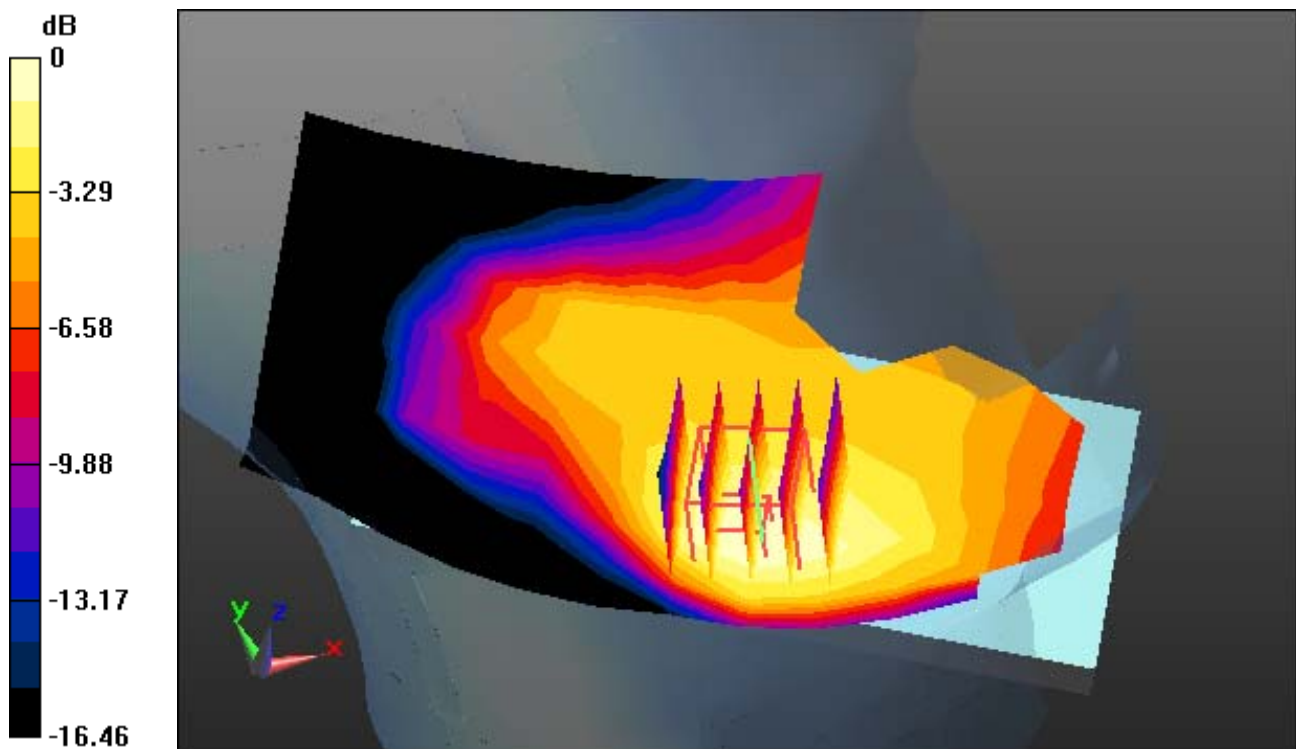
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

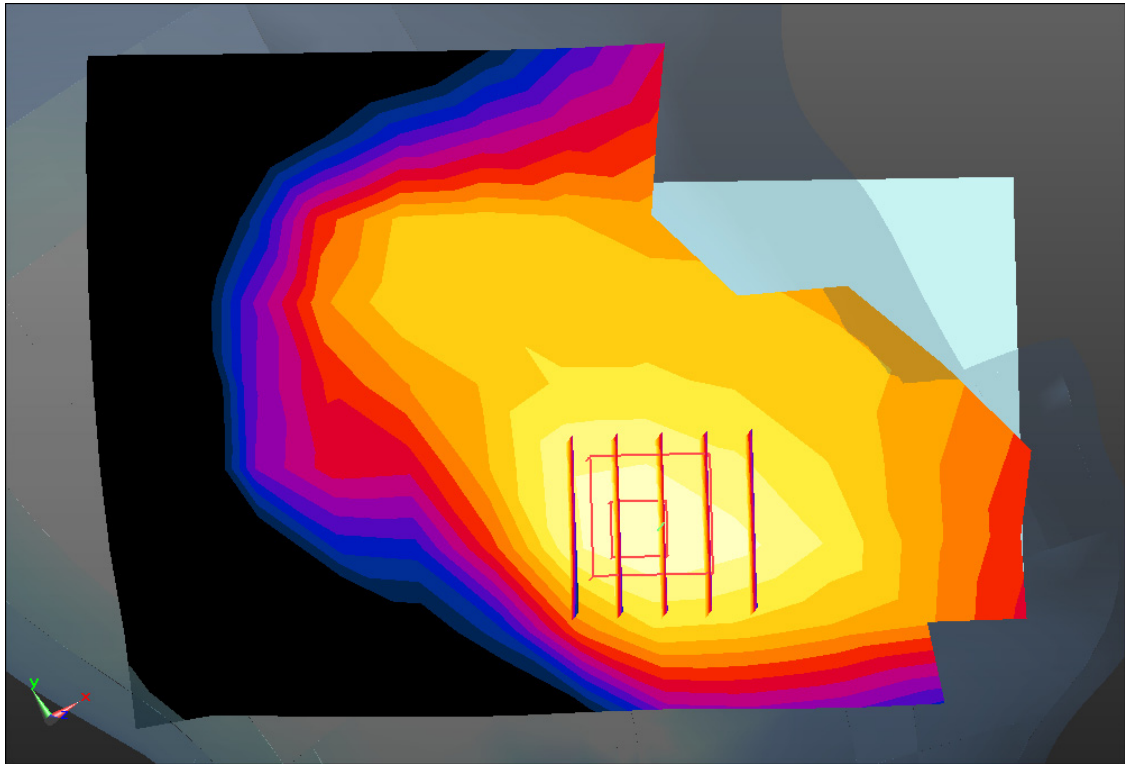
Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.154 W/kg**



0 dB = 0.286 W/kg



Enlarged Plot for A6

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.38$  S/m;  $\epsilon_r = 41.407$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.95, 8.95, 8.95); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-06; Ambient Temp: 21.2; Tissue Temp: 21.1

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

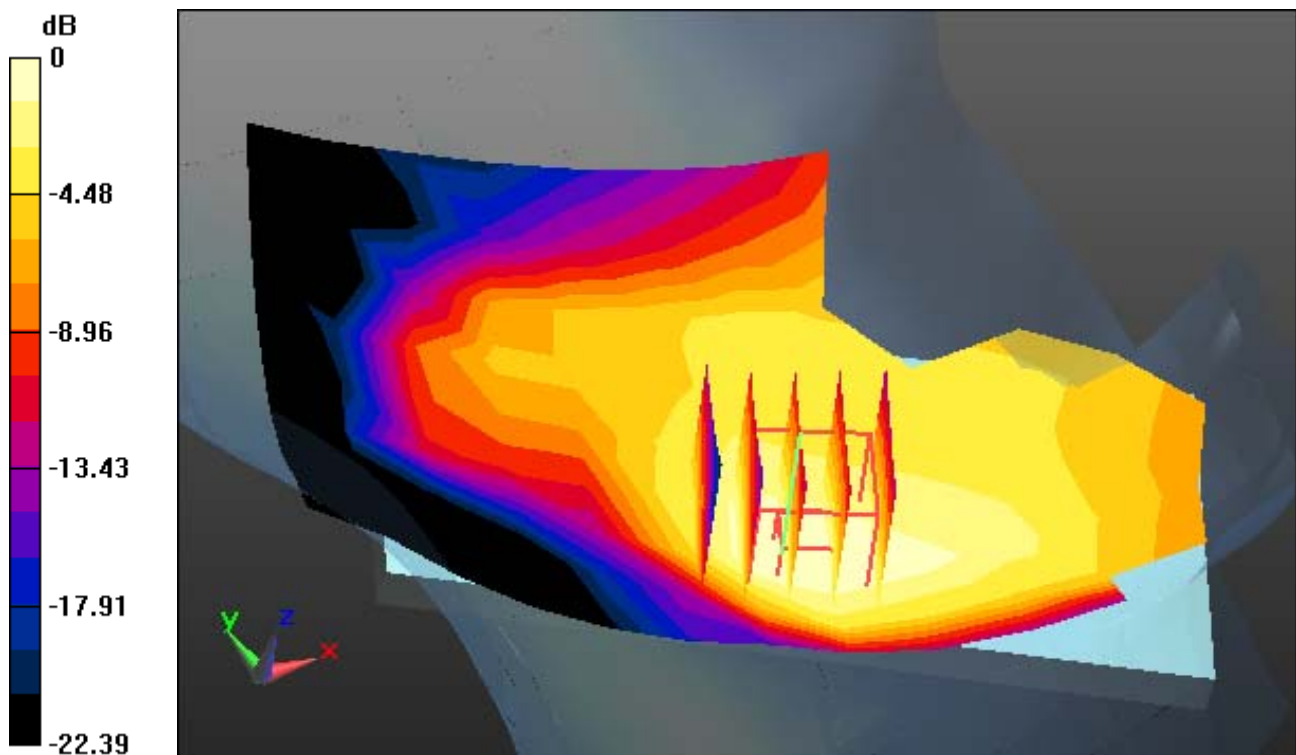
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

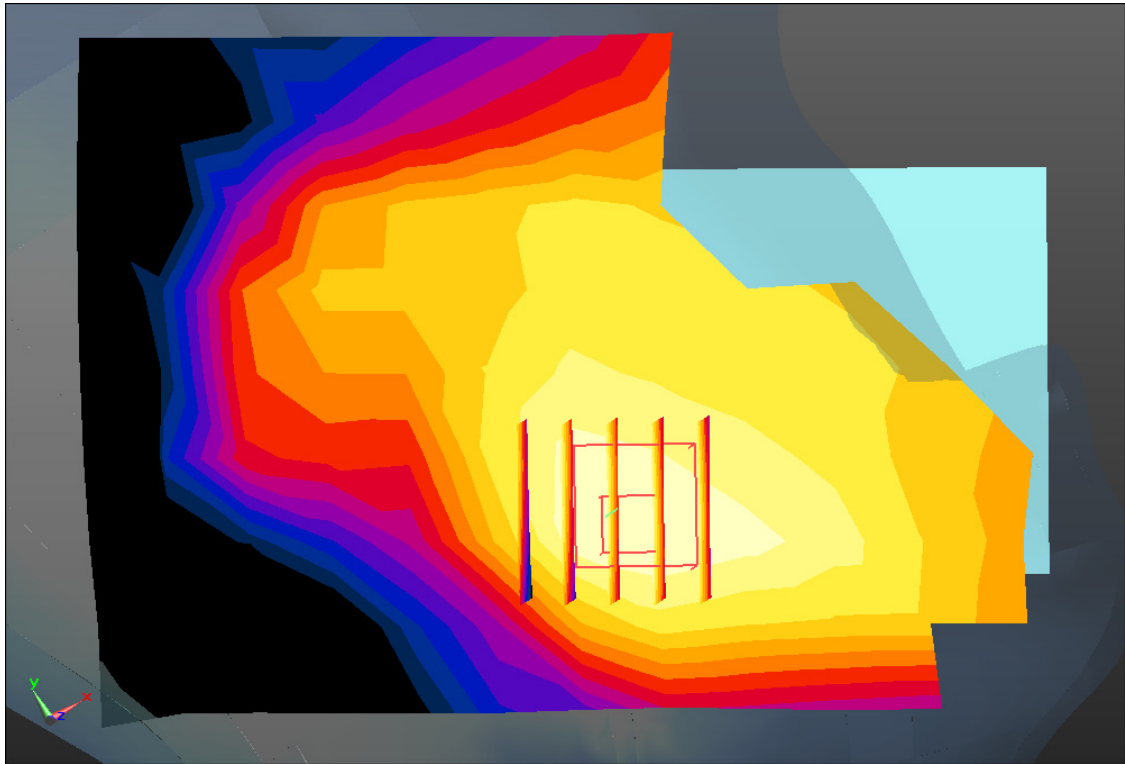
Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.077 W/kg**



0 dB = 0.154 W/kg



Enlarged Plot for A7

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

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

Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.87 \text{ S/m}$ ;  $\epsilon_r = 43.409$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(11.05, 11.05, 11.05); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-16; Ambient Temp: 20.2; Tissue Temp: 20.4

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

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

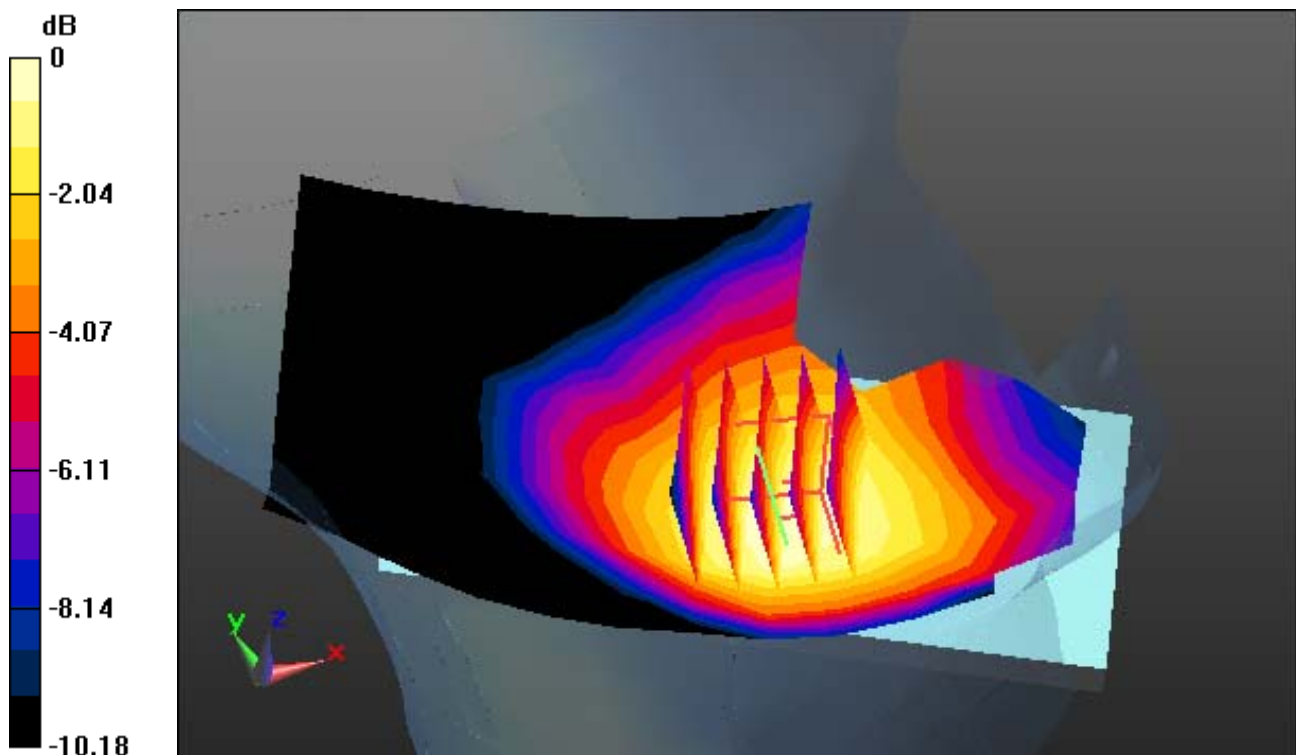
**Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**Zoom Scan (6x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

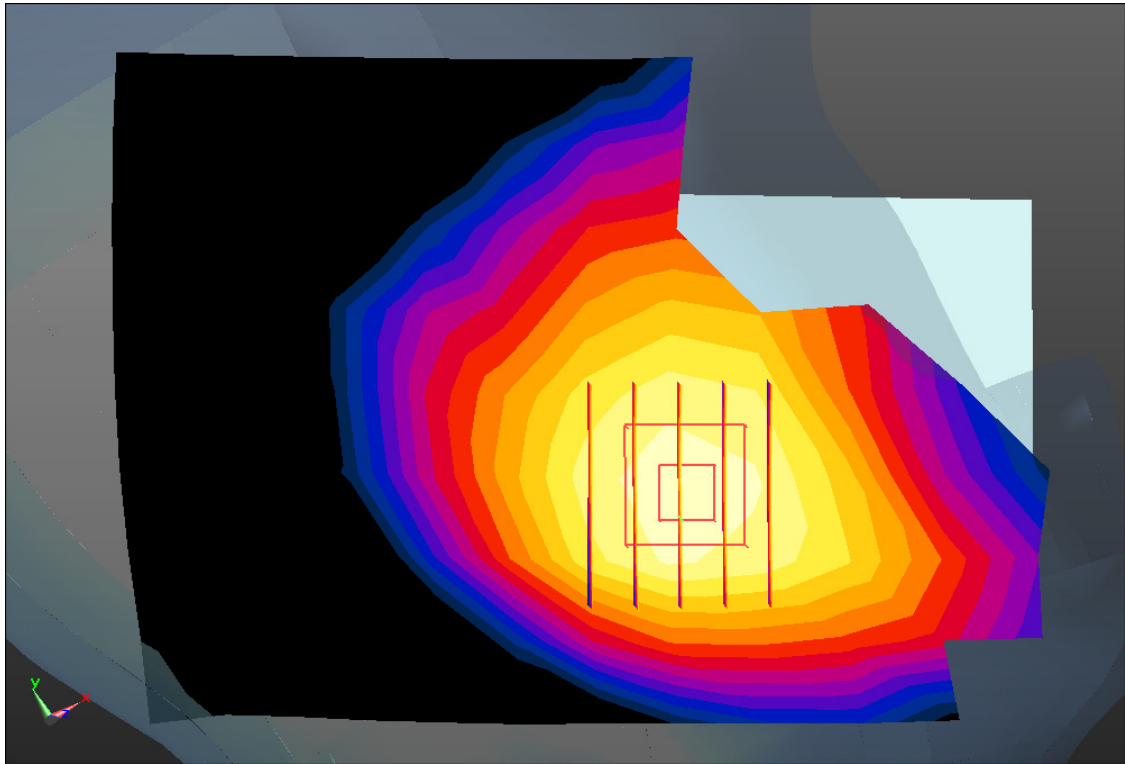
Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.092 W/kg**



0 dB = 0.130 W/kg



Enlarged Plot for A8

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, LTE Band 5 (FCC) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.5 \text{ MHz}$ ;  $\sigma = 0.887 \text{ S/m}$ ;  $\epsilon_r = 41.995$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.55, 10.55, 10.55); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-02; Ambient Temp: 21.2; Tissue Temp: 21.0

**Left Touch, LTE Band 5 Ch. 20525, Ant Internal, Standard Battery**

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

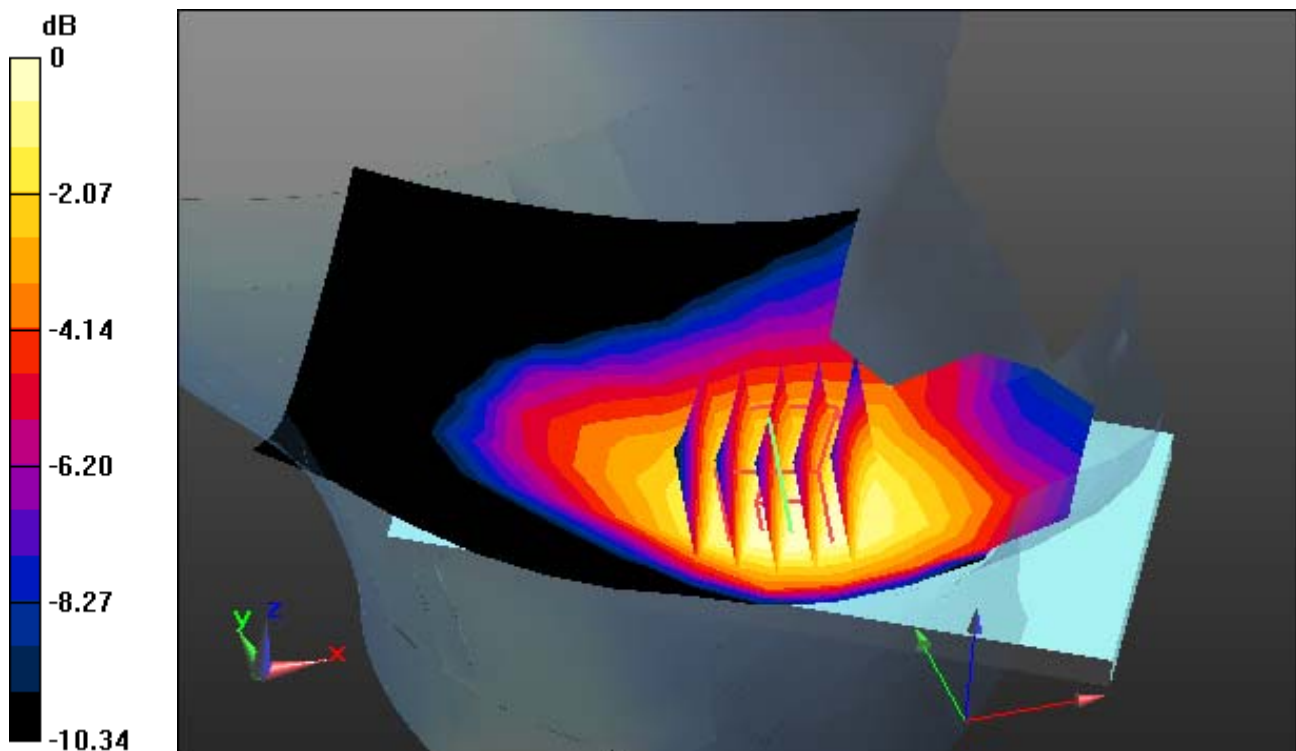
**Area Scan (9x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

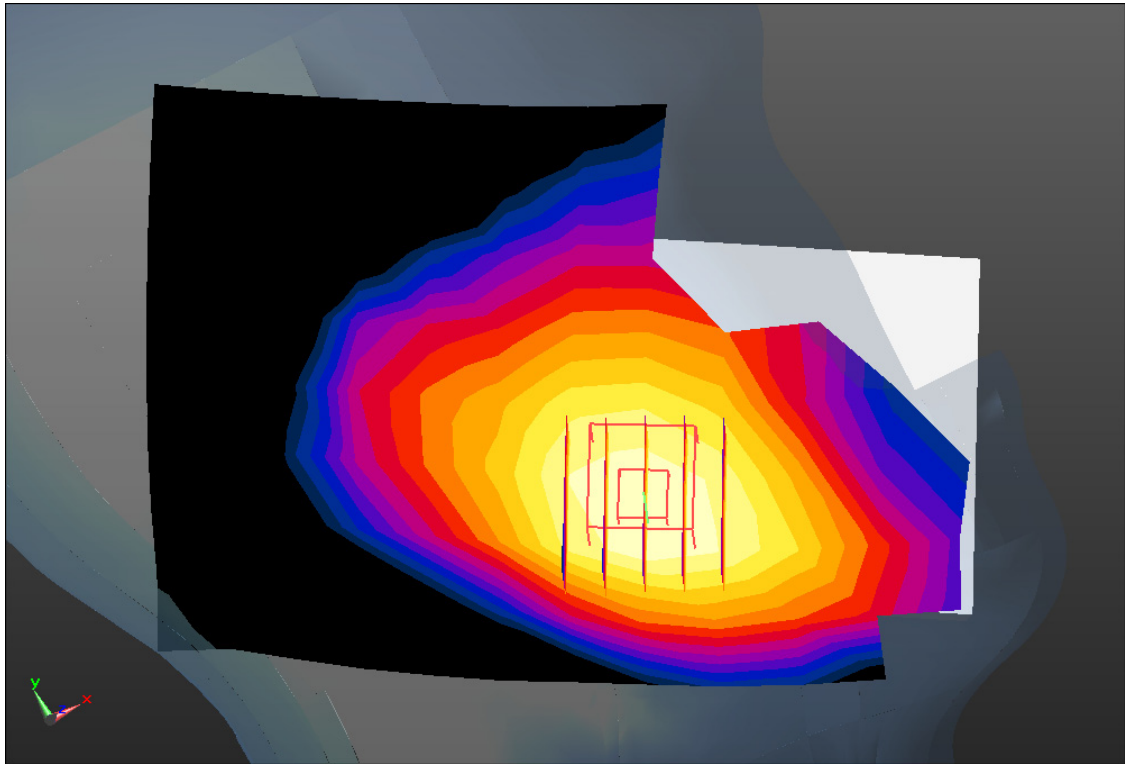
Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.145 W/kg**



0 dB = 0.212 W/kg



Enlarged Plot for A9

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.353$  S/m;  $\epsilon_r = 40.872$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(9.32, 9.32, 9.32); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-04; Ambient Temp: 21.4; Tissue Temp: 21.5

**Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery**

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

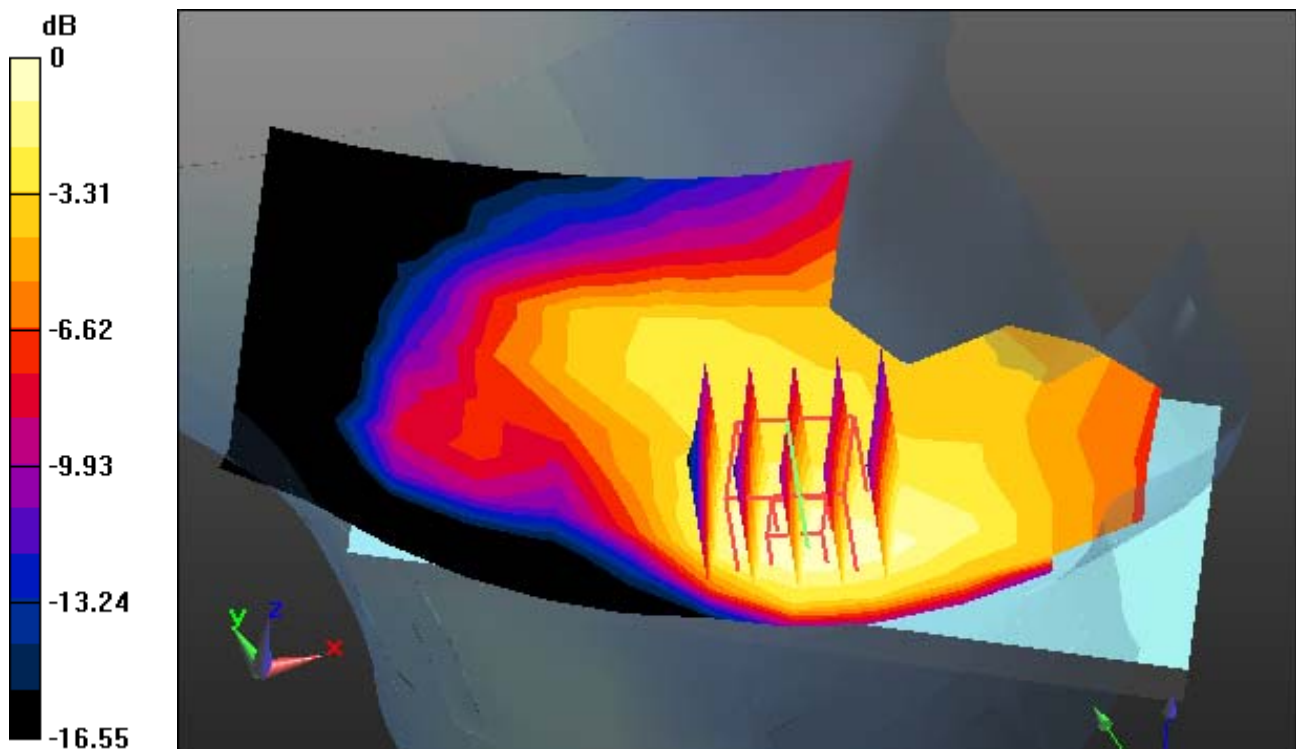
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

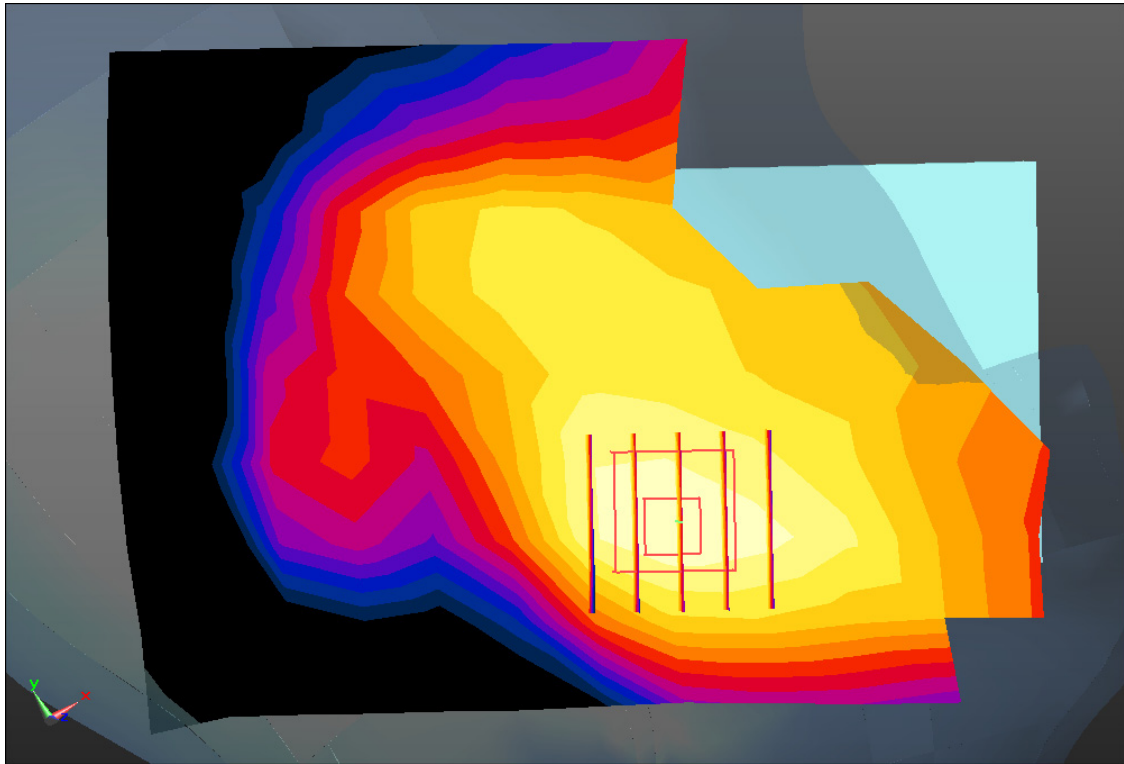
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.134 W/kg**



0 dB = 0.255 W/kg



Enlarged Plot for A10

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, LTE Band 2 (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.398$  S/m;  $\epsilon_r = 41.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(8.95, 8.95, 8.95); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-06; Ambient Temp: 21.2; Tissue Temp: 21.1

**Left Touch, LTE Band 2 Ch. 19100, Ant Internal, Standard Battery**

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

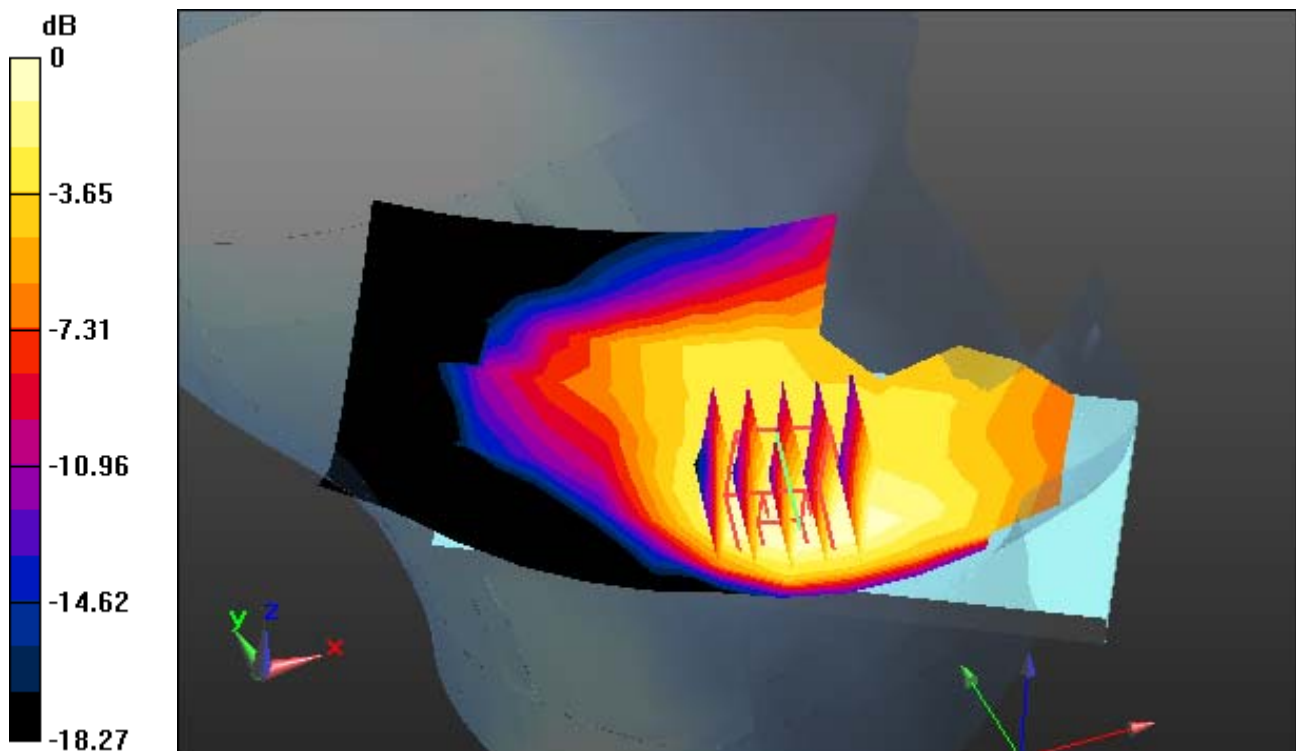
**Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

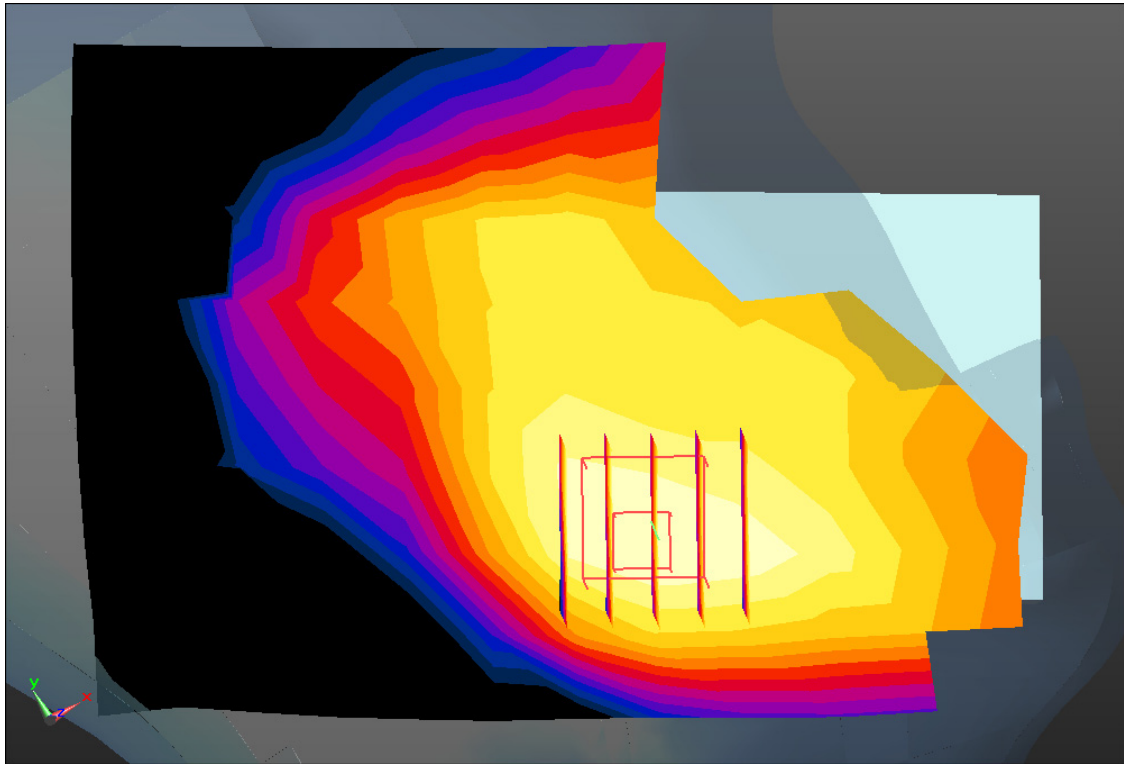
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.147 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.060 W/kg**



0 dB = 0.120 W/kg



Enlarged Plot for A11

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, LTE Band 7 (FCC) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.904$  S/m;  $\epsilon_r = 39.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-10; Ambient Temp: 20.4; Tissue Temp: 20.3

**Left Touch, LTE Band 7 Ch. 20850, Ant Internal, Standard Battery**

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

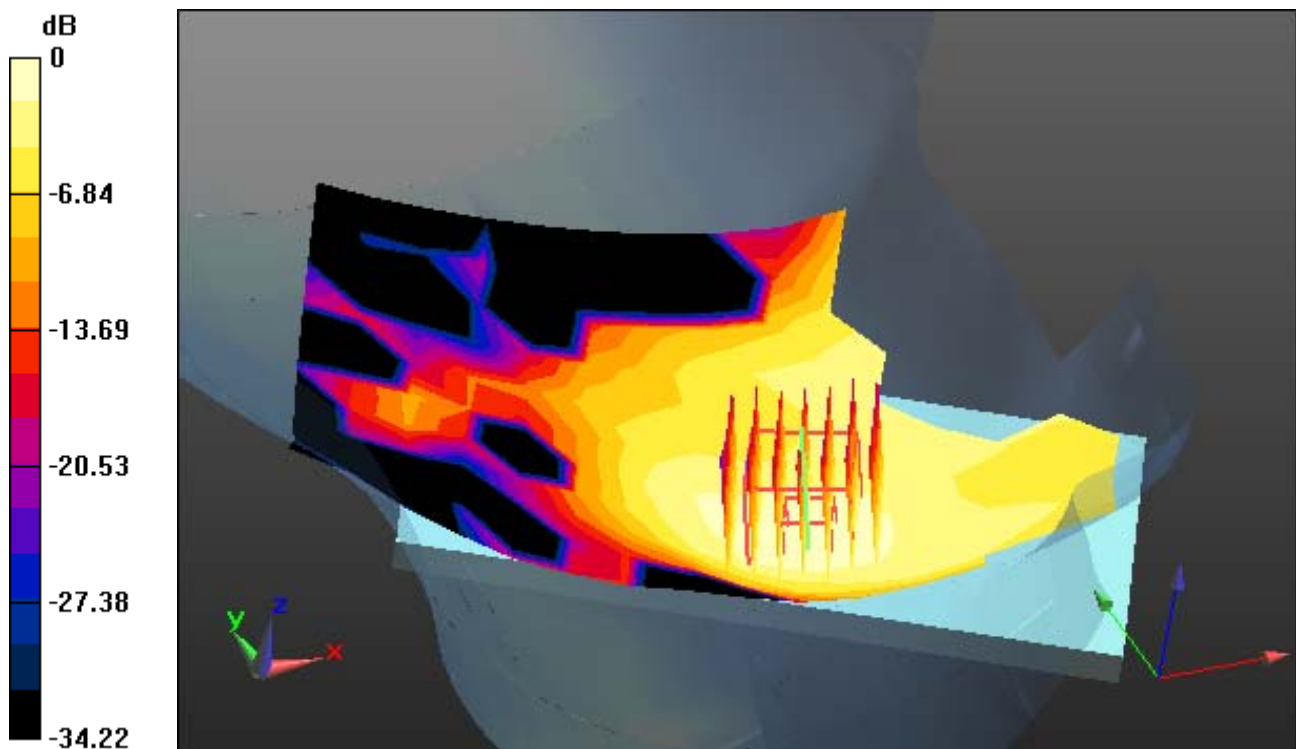
**Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

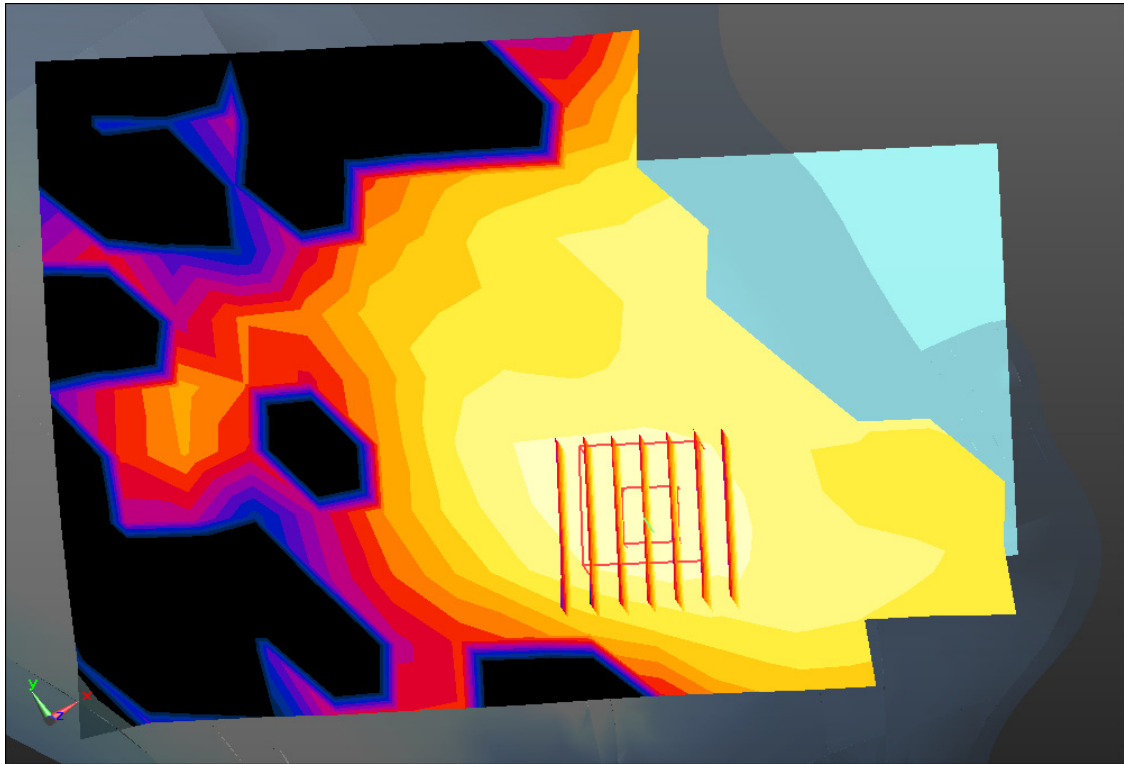
Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.115 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.031 W/kg**



0 dB = 0.0863 W/kg



Enlarged Plot for A12

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, LTE Band 41(TDD) (0); Frequency: 2506 MHz; Duty Cycle: 1:1.58

Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.899$  S/m;  $\epsilon_r = 39.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(7.72, 7.72, 7.72); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle\_2013\_09\_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-10; Ambient Temp: 20.4; Tissue Temp: 20.3

**Right Touch, LTE Band 41 Ch. 39750, Ant Internal, Standard Battery**

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

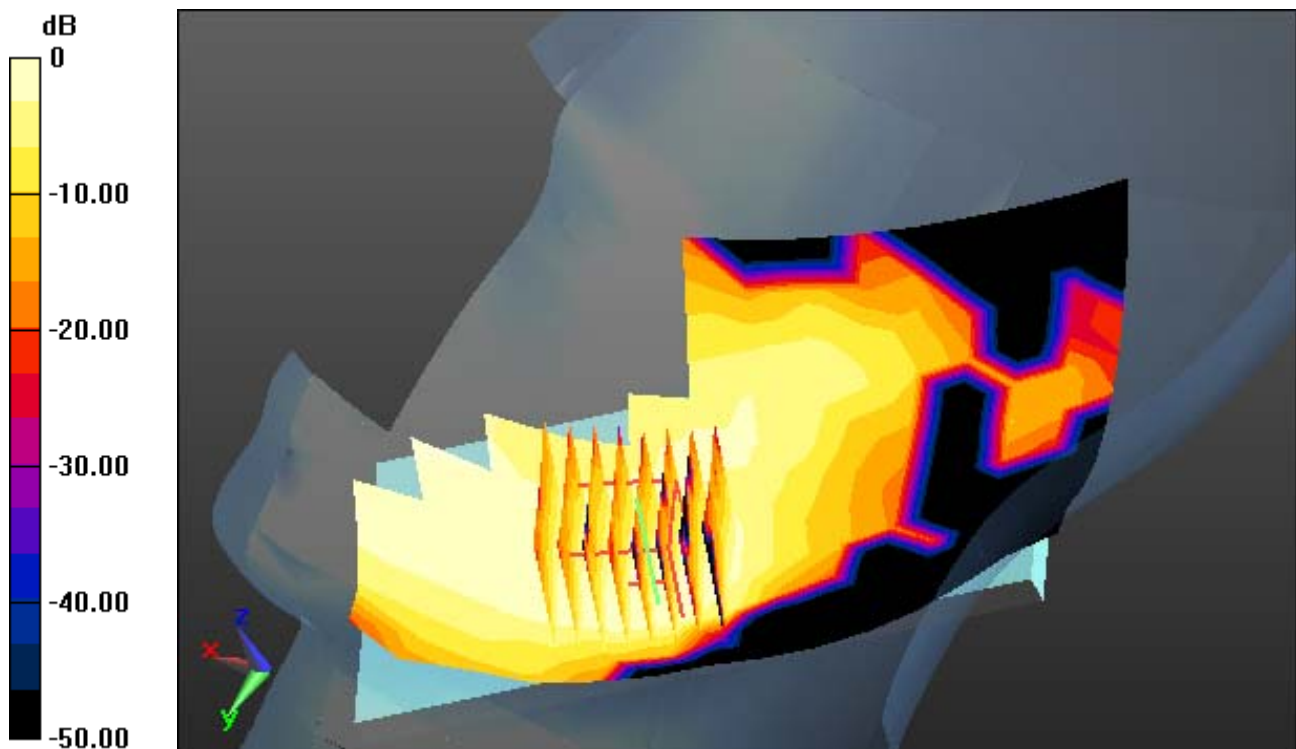
**Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

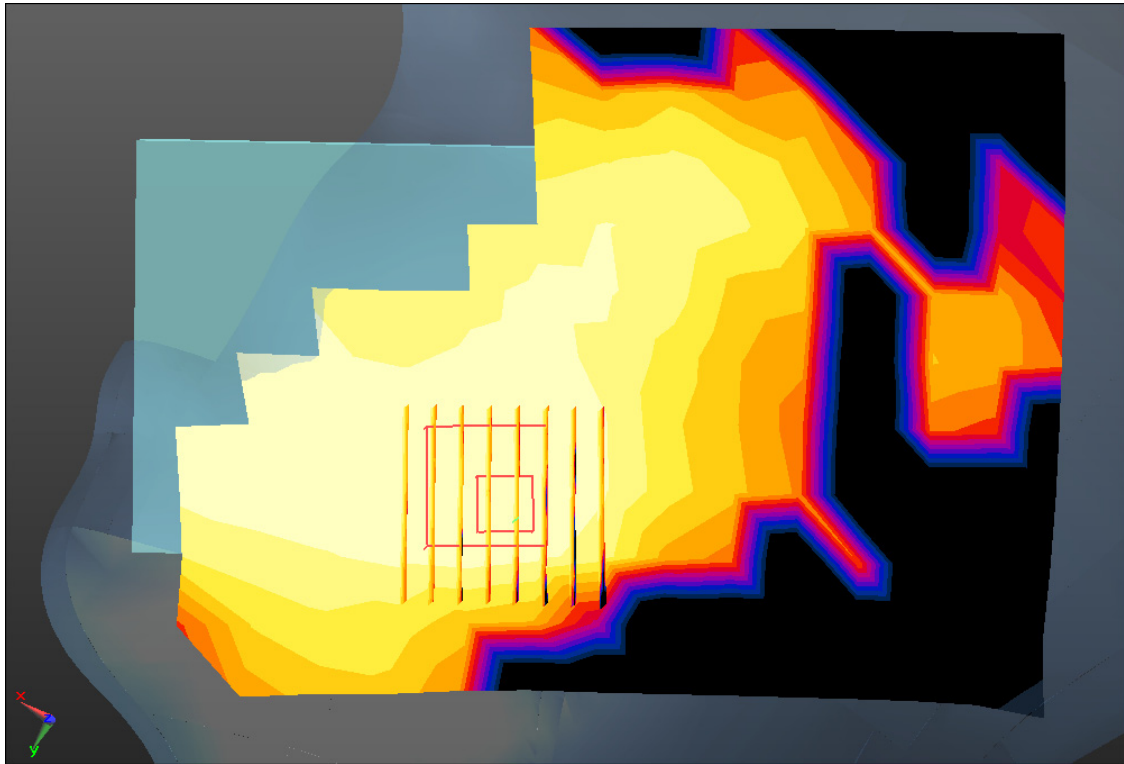
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0580 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg**



0 dB = 0.0457 W/kg



Enlarged Plot for A13

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.82 \text{ S/m}$ ;  $\epsilon_r = 38.067$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-23; Ambient Temp: 21.2; Tissue Temp: 22.2

**Right Touch, WLAN(802.11b) Ch. 11, Ant Internal, Standard Battery, Ant.1**

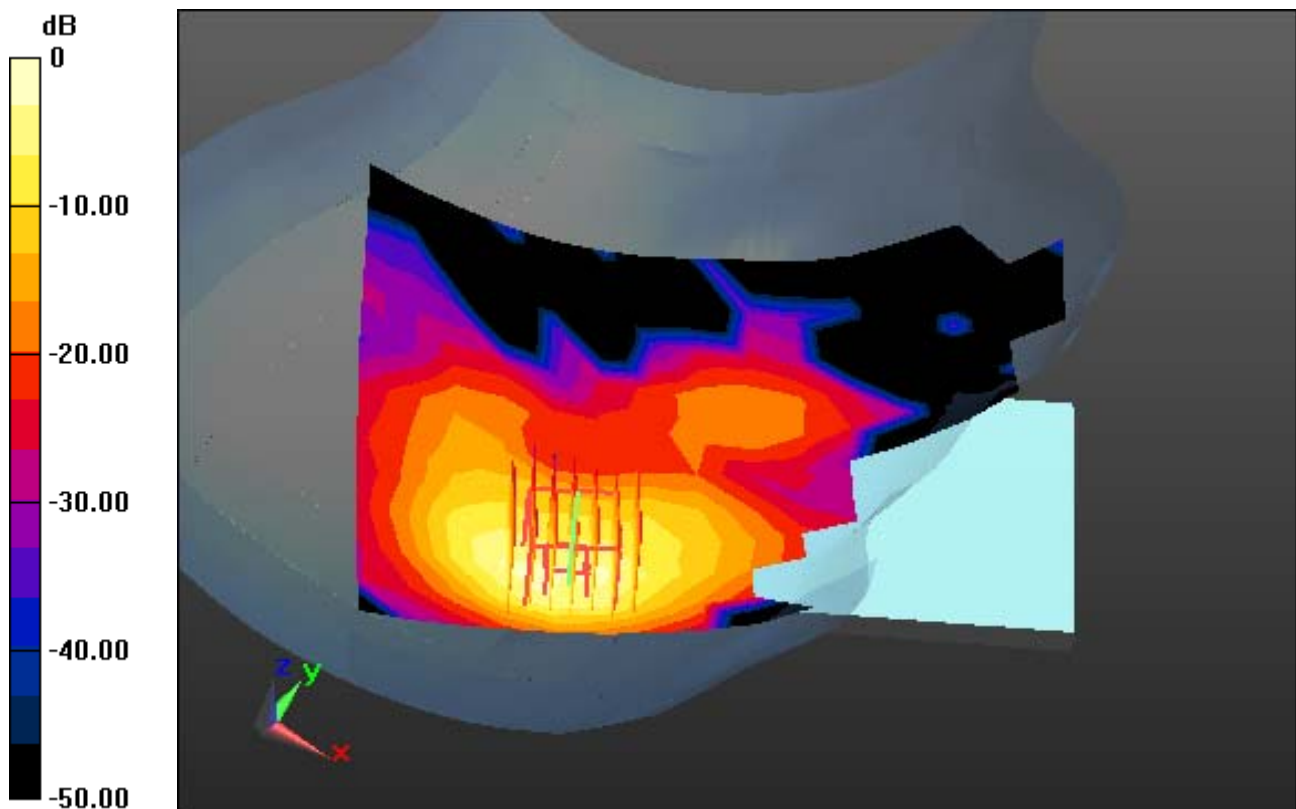
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

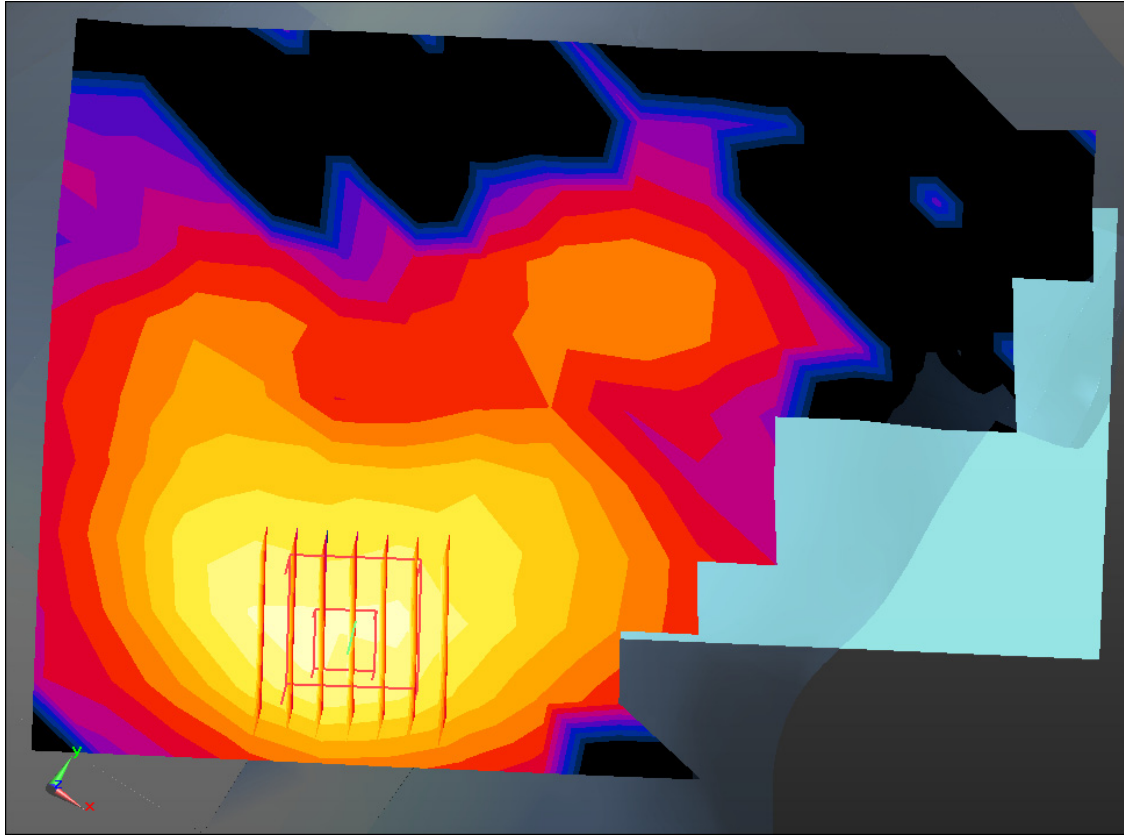
Drift = -0.03 dB

Peak SAR (extrapolated) = 0.992 W/kg

**SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.166 W/kg**



0 dB = 0.671 W/kg



Enlarged Plot for A14

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

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

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.791$  S/m;  $\epsilon_r = 38.154$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-23; Ambient Temp: 21.2; Tissue Temp: 22.2

**Right Tilt, WLAN(802.11b) Ch. 6, Ant Internal, Standard Battery, Ant.2**

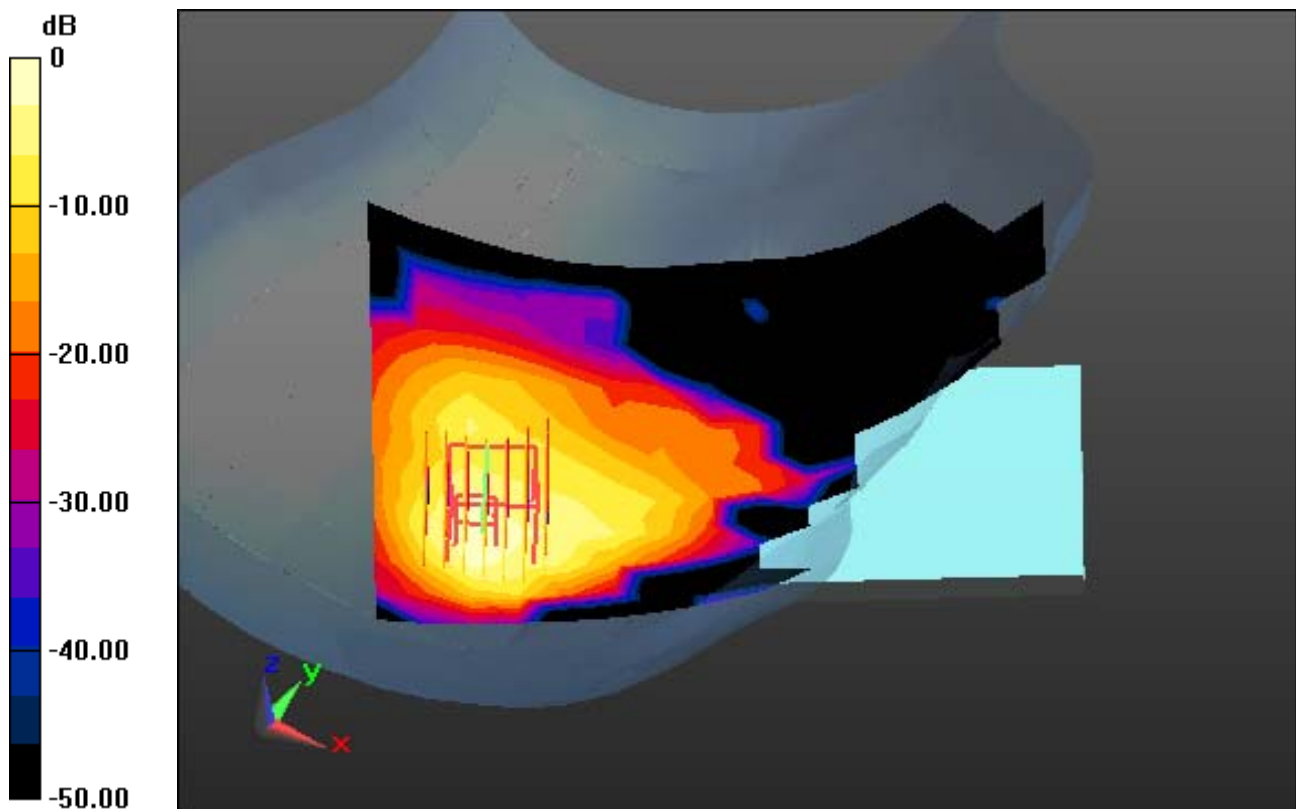
**Area Scan (11x16x1):** Measurement grid: dx=12mm, dy=12mm

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

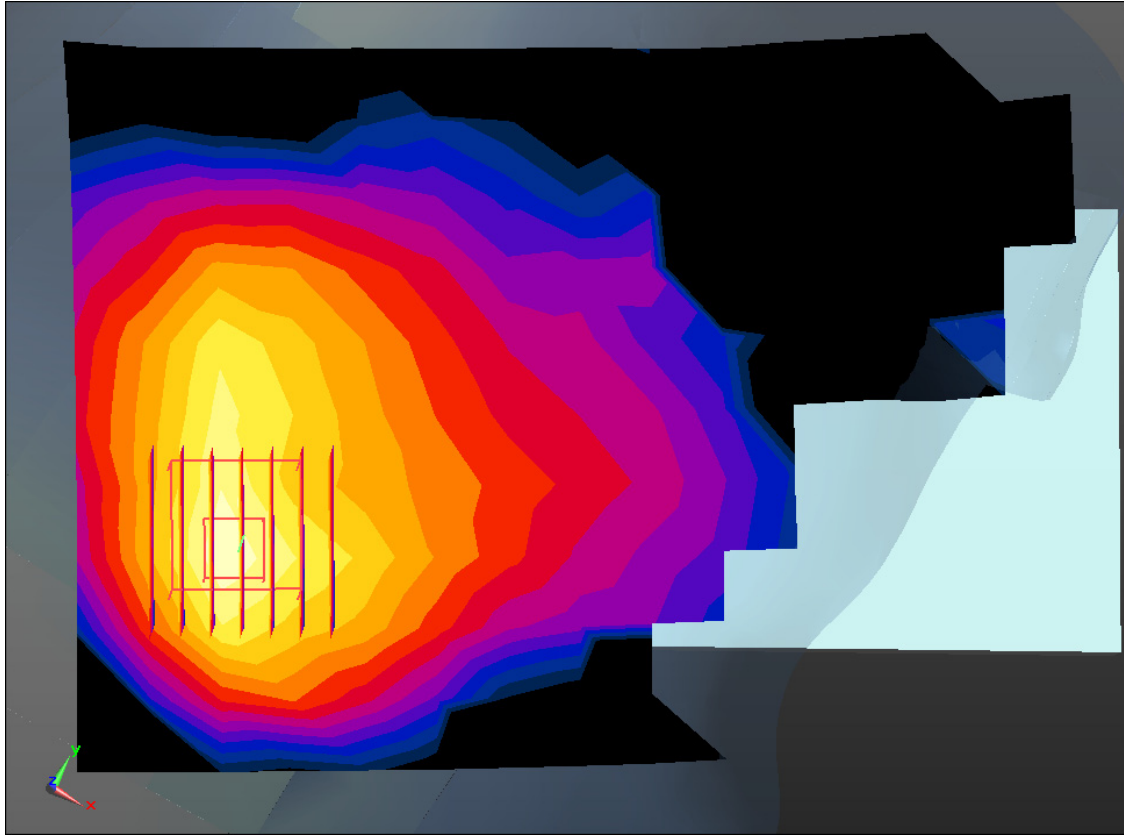
Drift = -0.04 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.160 W/kg**



0 dB = 0.758 W/kg



Enlarged Plot for A15

## DT&C Co., Ltd.

### **DUT: LM-V350EM; Type: Bar**

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

Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.763 \text{ S/m}$ ;  $\epsilon_r = 38.246$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

#### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-23; Ambient Temp: 21.2; Tissue Temp: 22.2

### **Right Tilt, WLAN(802.11g) Ch. 1, Ant Internal, Standard Battery, MIMO**

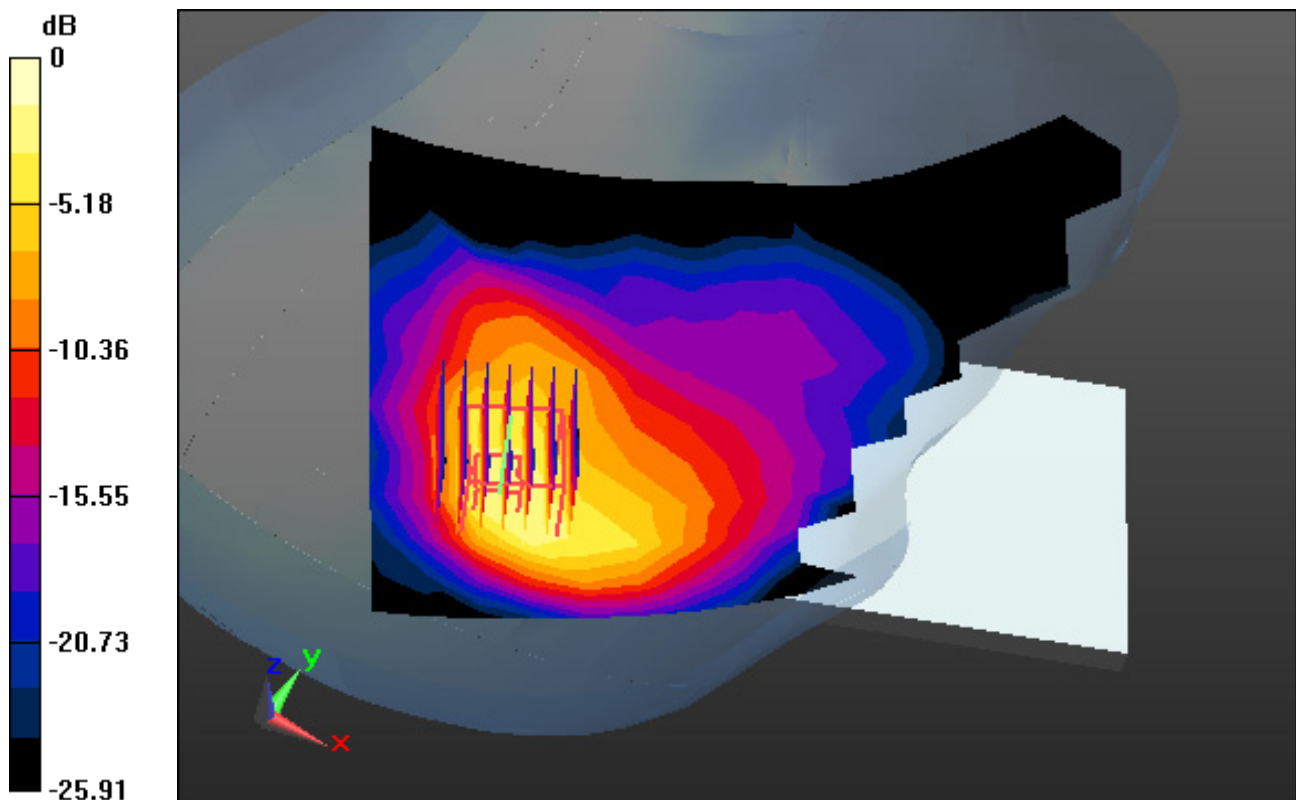
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

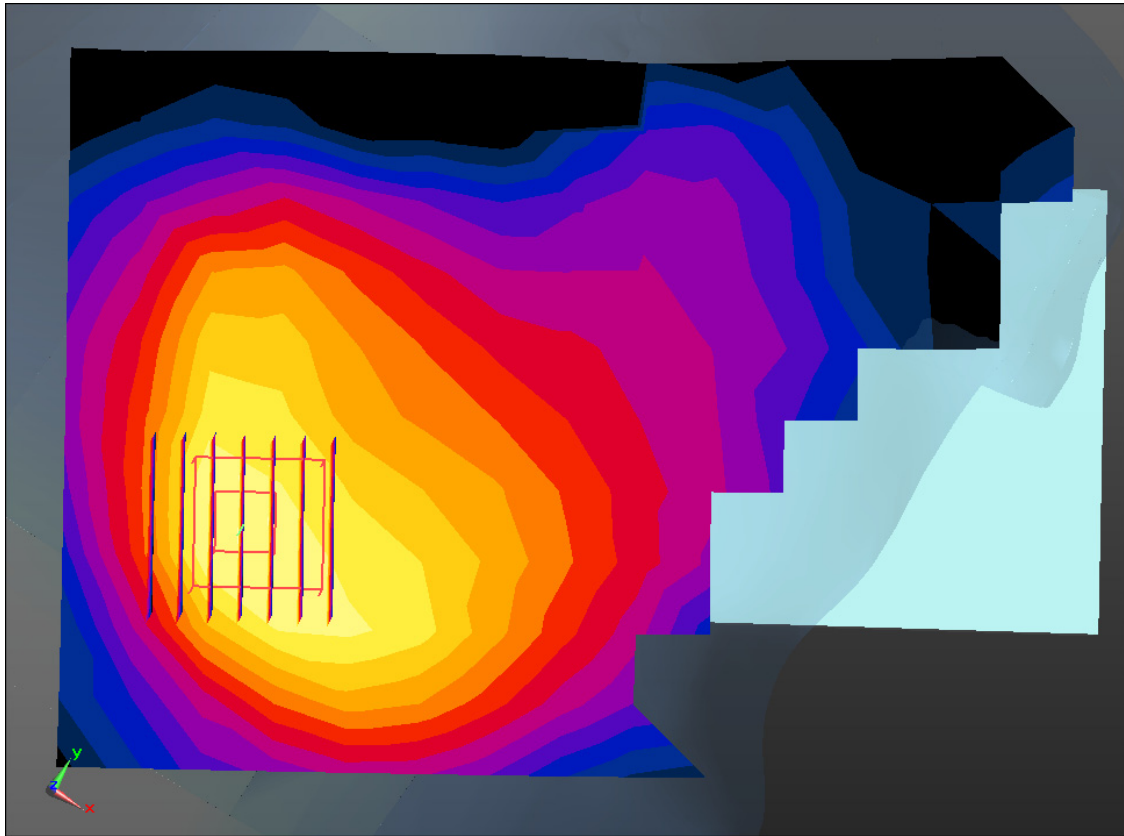
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.182 W/kg**



0 dB = 0.690 W/kg



Enlarged Plot for A16

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.835$  S/m;  $\epsilon_r = 34.906$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-28; Ambient Temp: 20.2; Tissue Temp: 21.4

**Right Touch, WLAN(802.11a) Ch. 60, Ant Internal, Standard Battery, Ant.1**

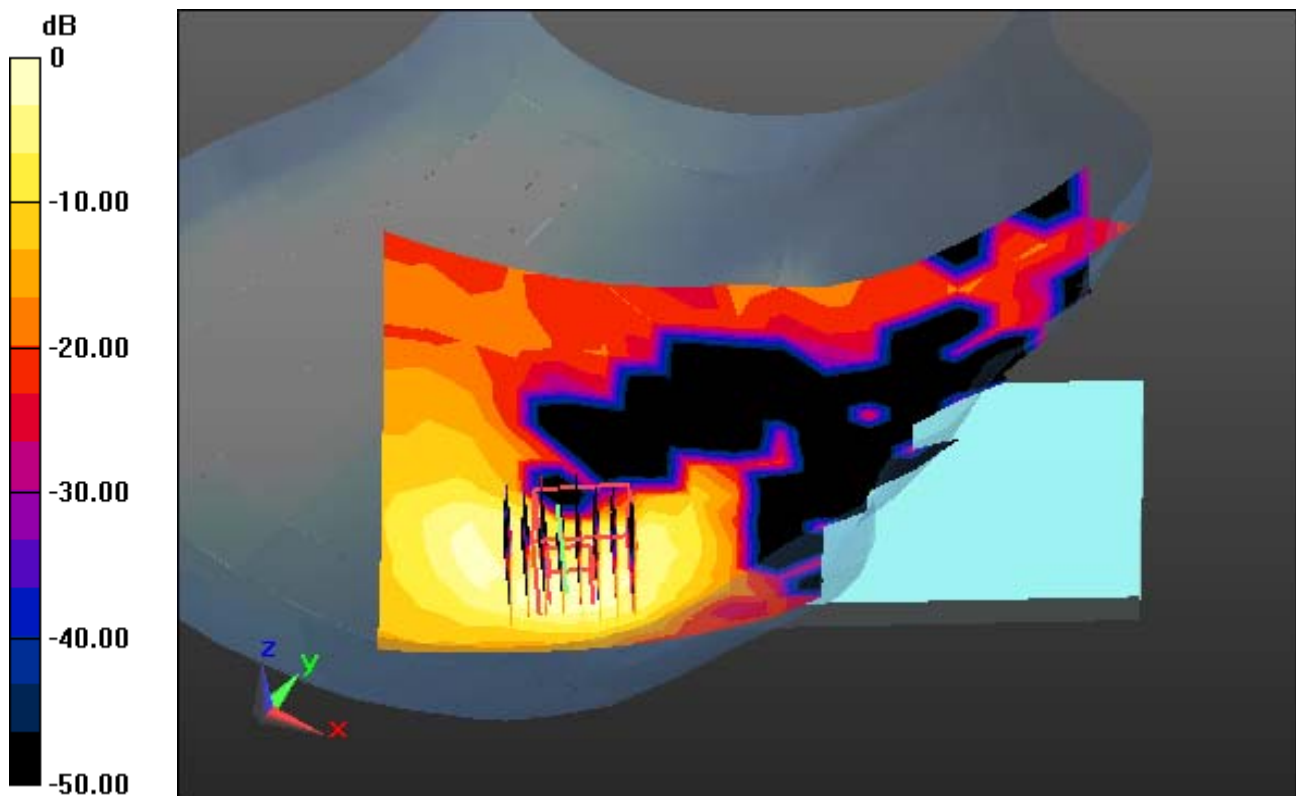
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

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

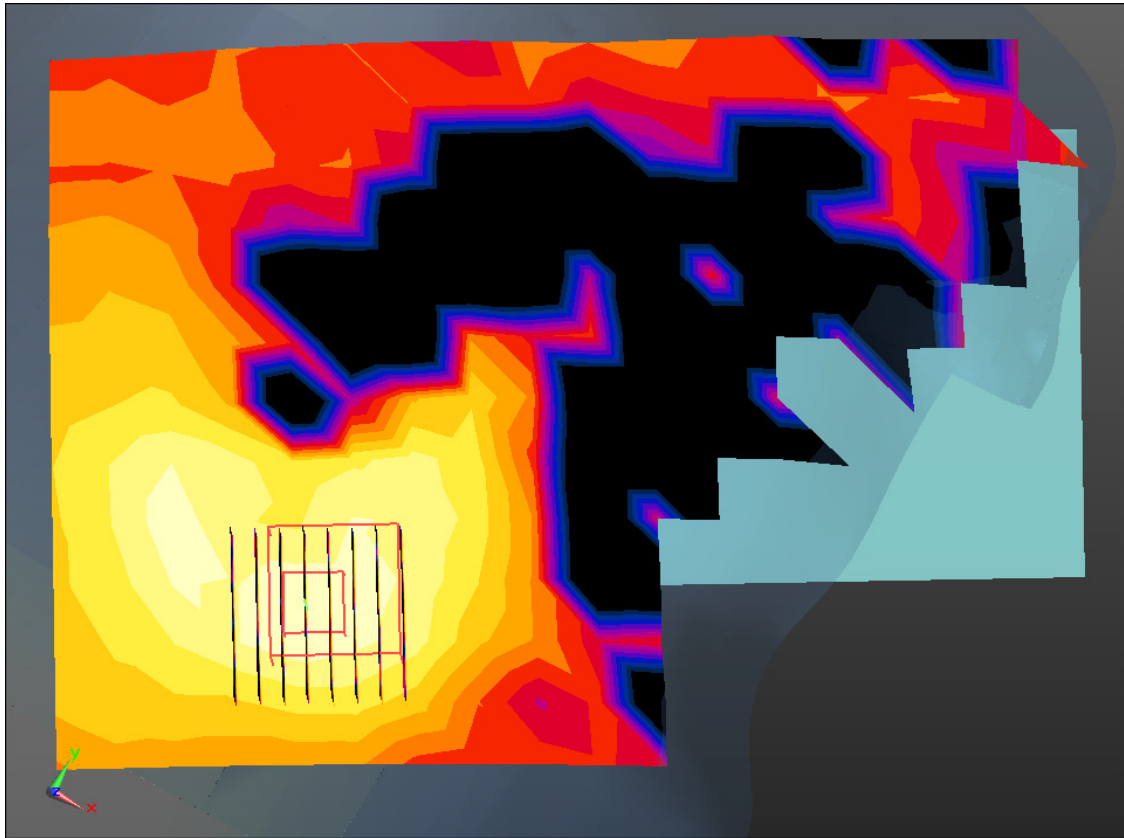
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.069 W/kg**



0 dB = 0.511 W/kg



Enlarged Plot for A17

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.799$  S/m;  $\epsilon_r = 35.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-28; Ambient Temp: 20.2; Tissue Temp: 21.4

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

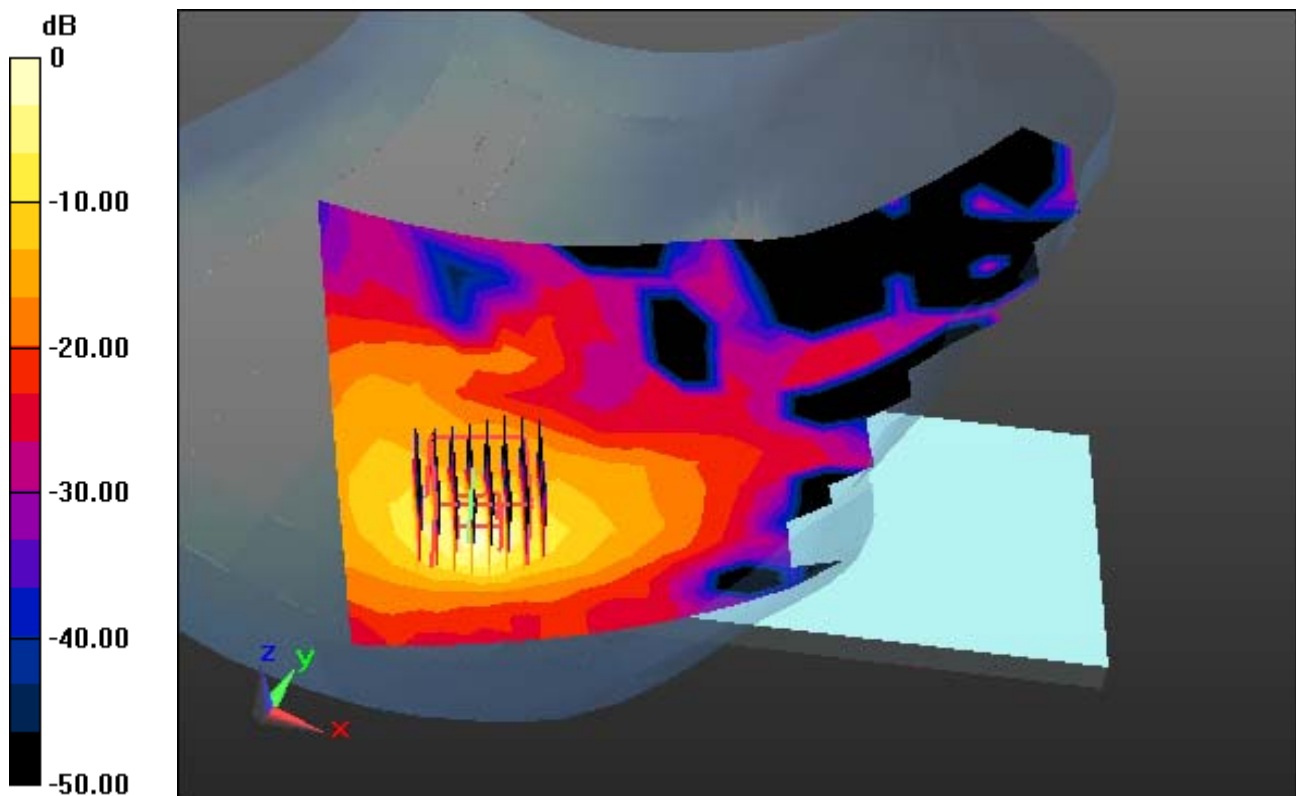
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

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

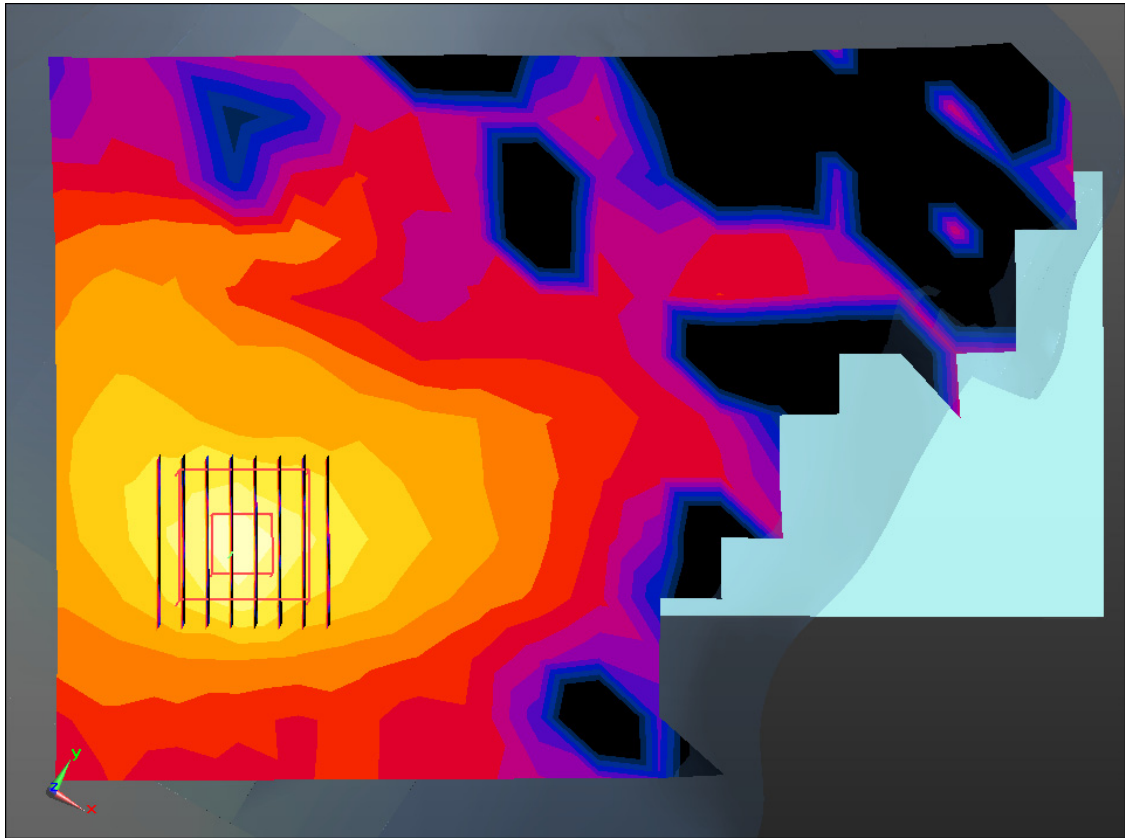
Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.63 W/kg

**SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.124 W/kg**



0 dB = 1.42 W/kg



Enlarged Plot for A18

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5260 \text{ MHz}$ ;  $\sigma = 4.799 \text{ S/m}$ ;  $\epsilon_r = 35.021$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(5.24, 5.24, 5.24); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-28; Ambient Temp: 20.2; Tissue Temp: 21.4

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

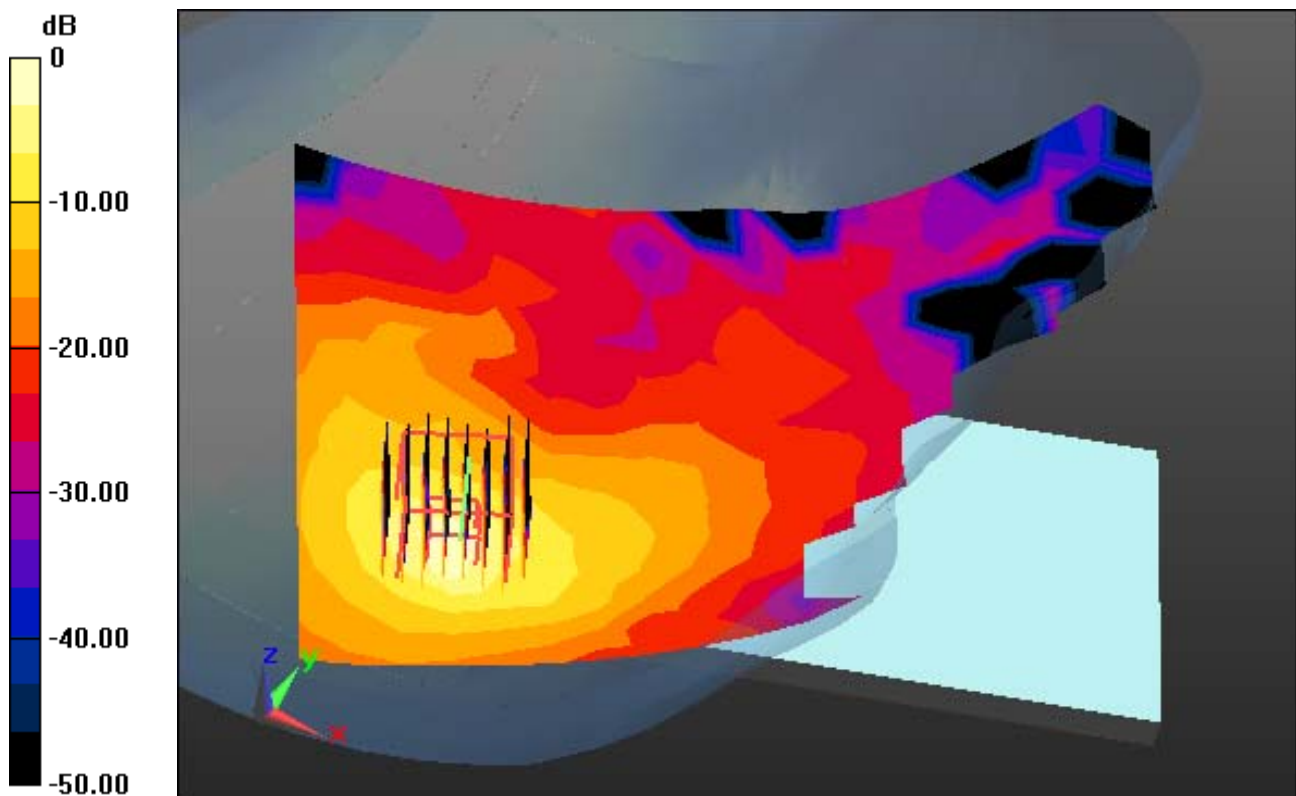
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

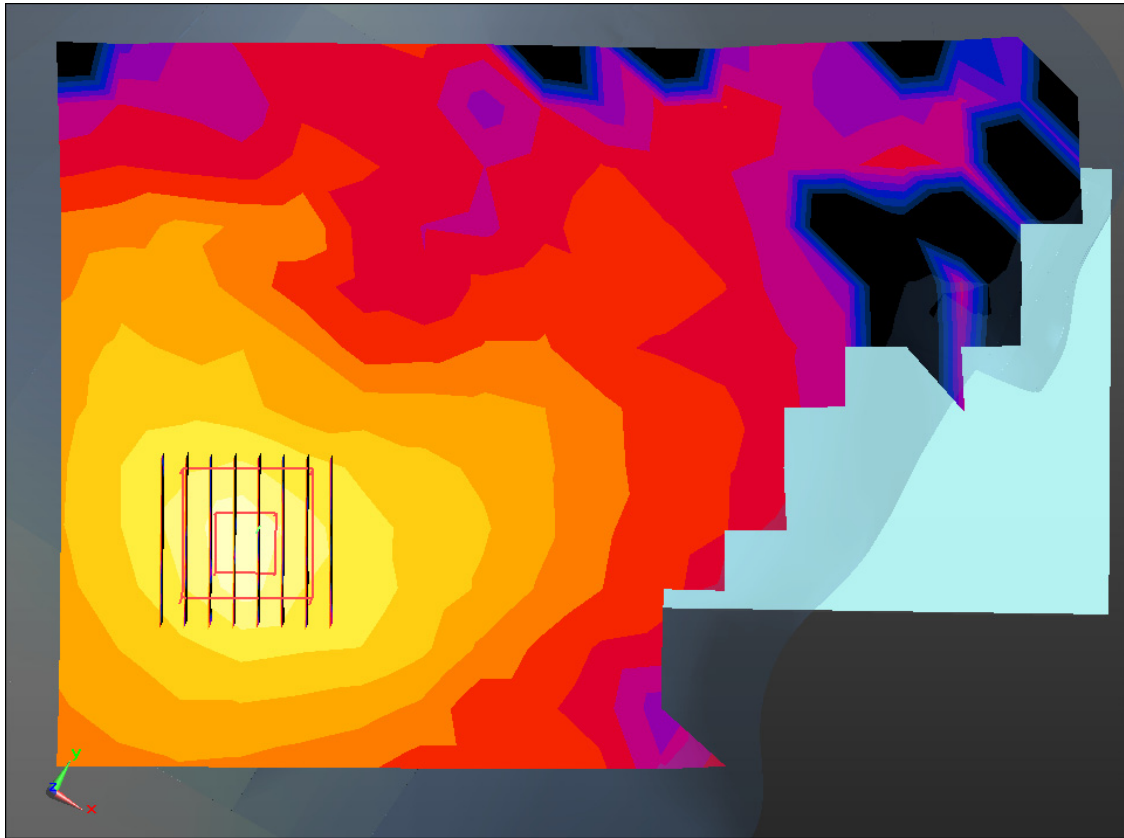
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.69 W/kg

**SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.149 W/kg**



0 dB = 1.54 W/kg



Enlarged Plot for A19

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5720 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.223$  S/m;  $\epsilon_r = 34.908$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-30; Ambient Temp: 21.1; Tissue Temp: 21.9

**Right Touch, WLAN(802.11a) Ch. 144, Ant Internal, Standard Battery, Ant.1**

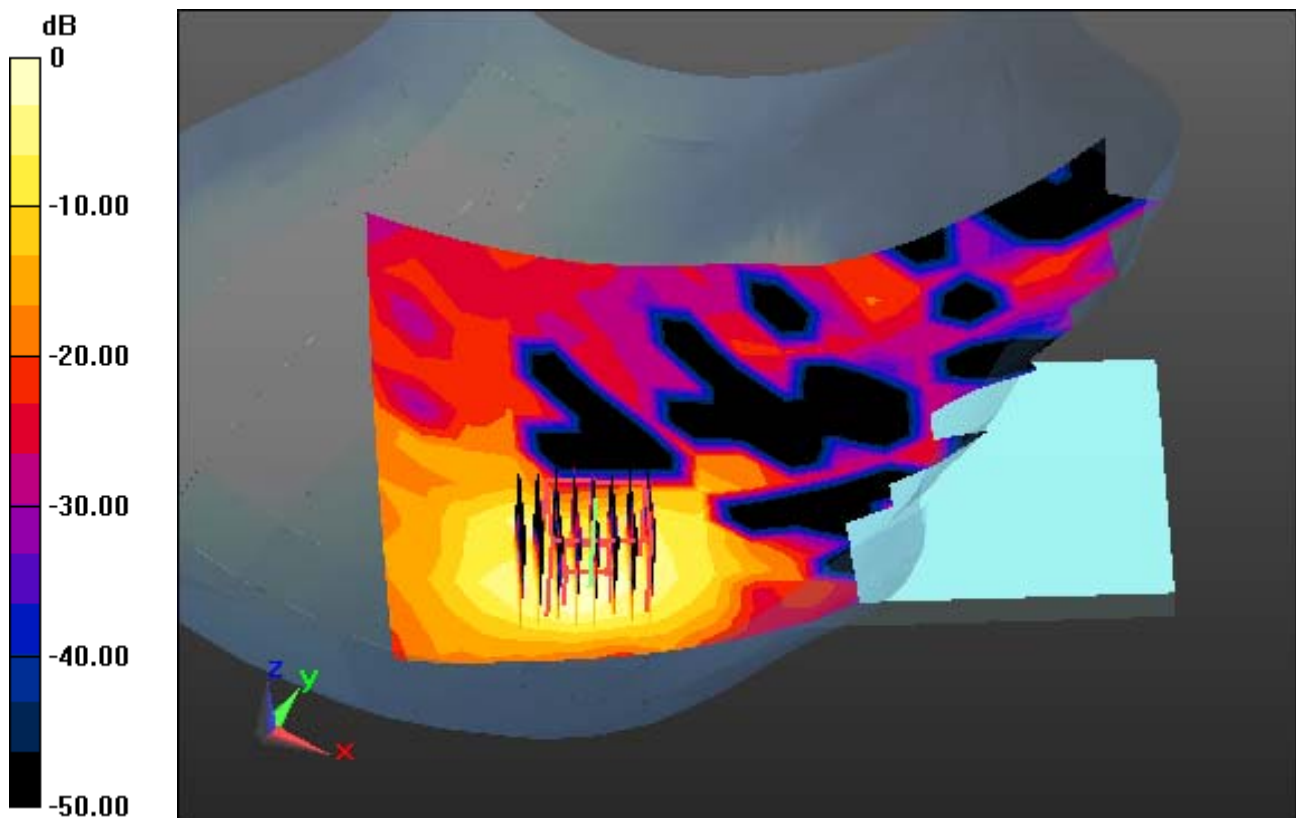
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

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

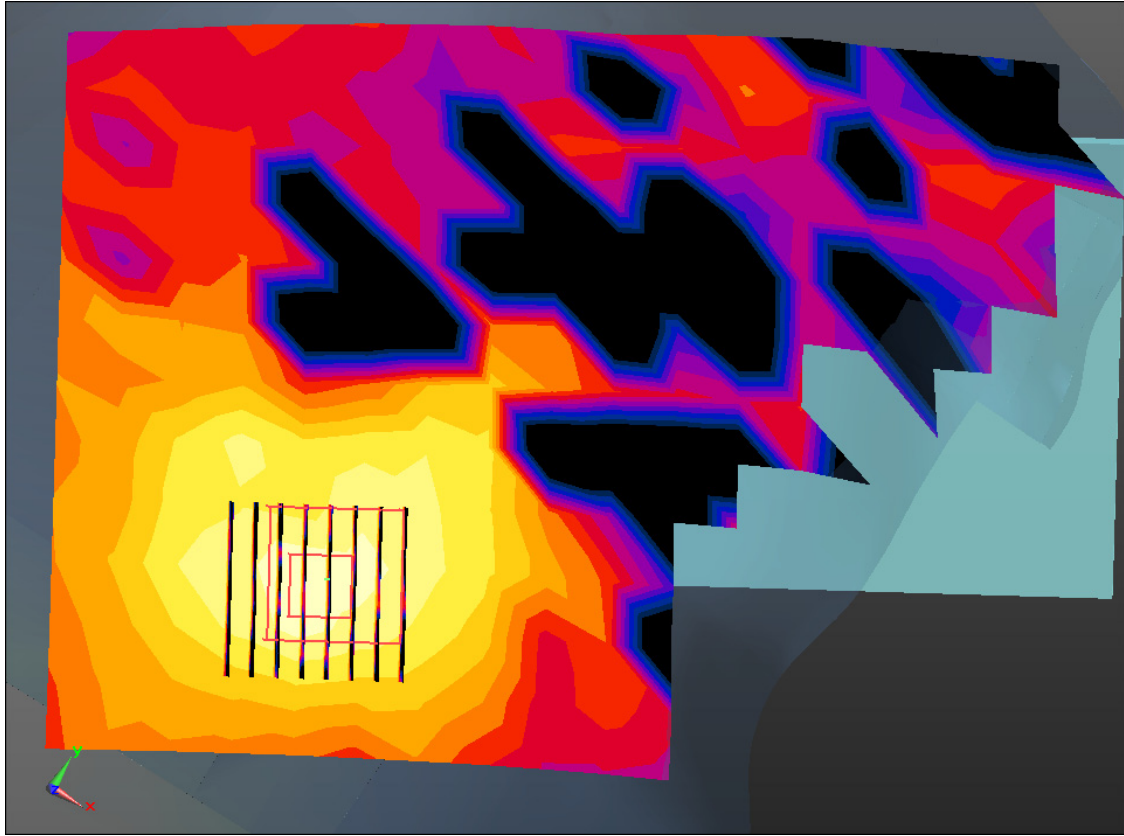
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.105 W/kg**



0 dB = 0.881 W/kg



Enlarged Plot for A20

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.148$  S/m;  $\epsilon_r = 35.041$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-30; Ambient Temp: 21.1; Tissue Temp: 21.9

**Right Touch, WLAN(802.11a) Ch. 132, Ant Internal, Standard Battery, Ant.2**

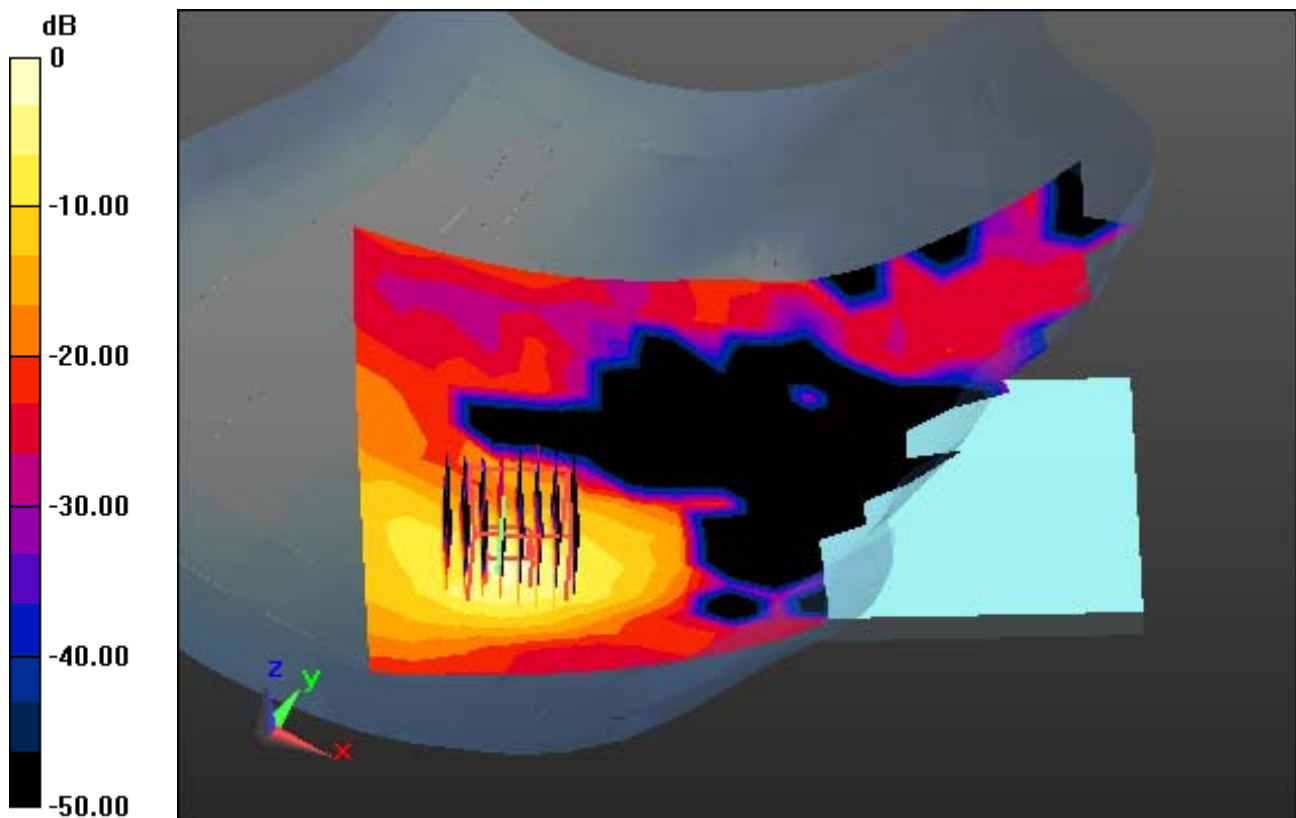
**Area Scan (13x20x1):** Measurement grid: dx=10mm, dy=10mm

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

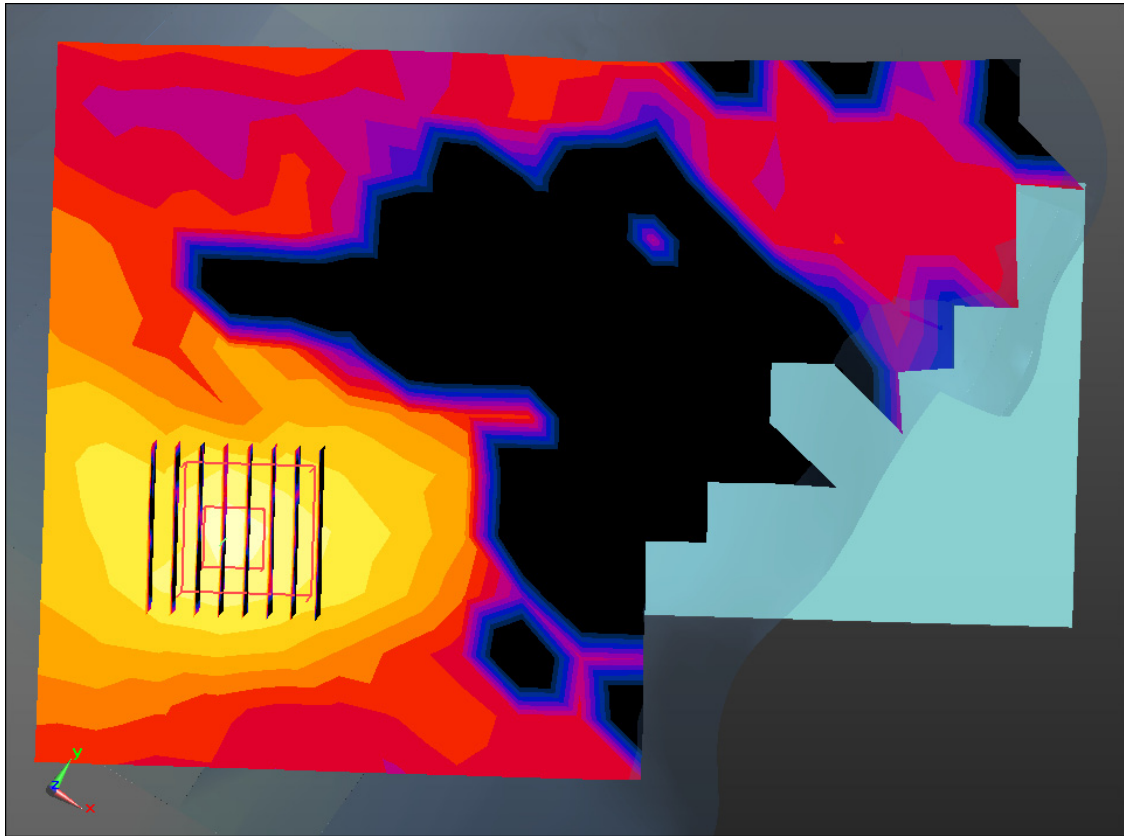
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.090 W/kg**



0 dB = 1.07 W/kg



Enlarged Plot for A21

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5660 \text{ MHz}$ ;  $\sigma = 5.148 \text{ S/m}$ ;  $\epsilon_r = 35.041$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.86, 4.86, 4.86); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-30; Ambient Temp: 21.1; Tissue Temp: 21.9

**Right Touch, WLAN(802.11a) Ch. 132, Ant Internal, Standard Battery, MIMO**

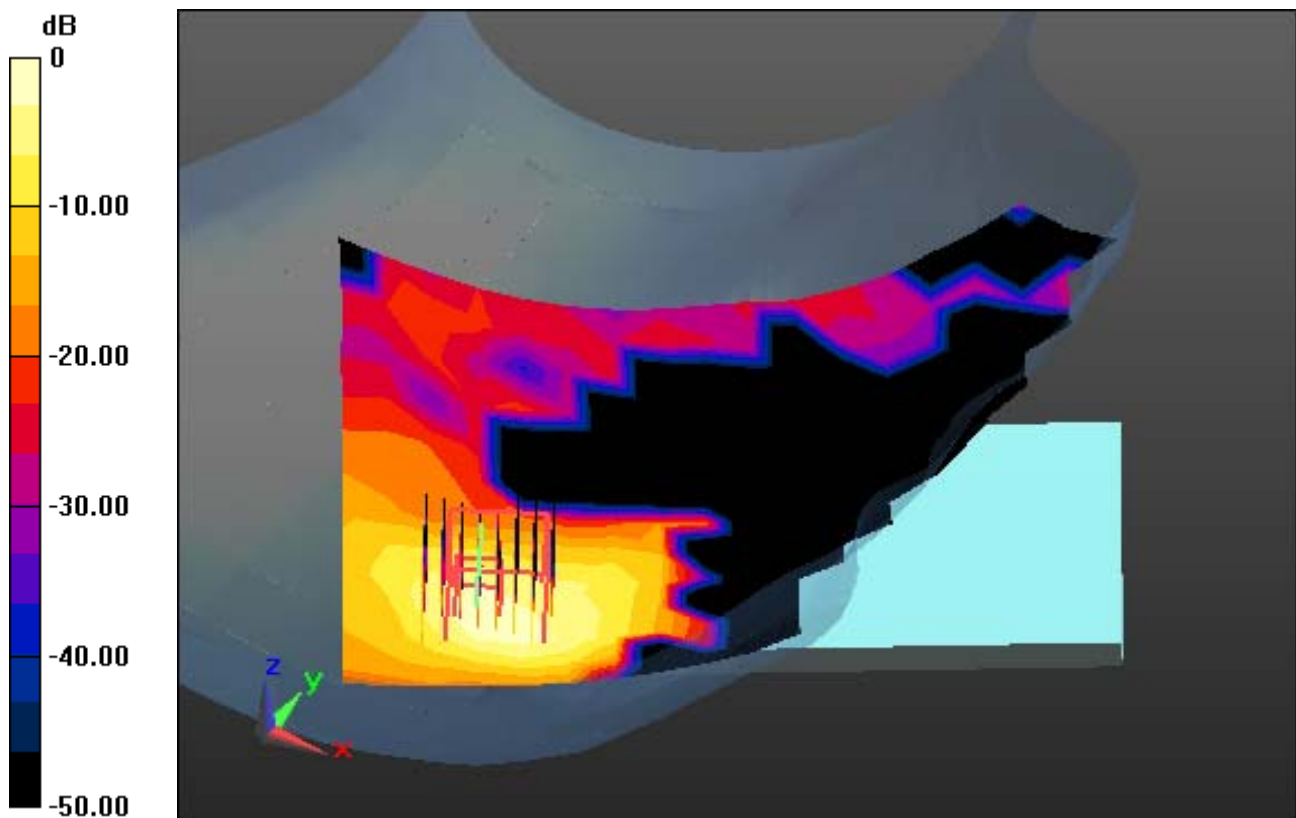
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

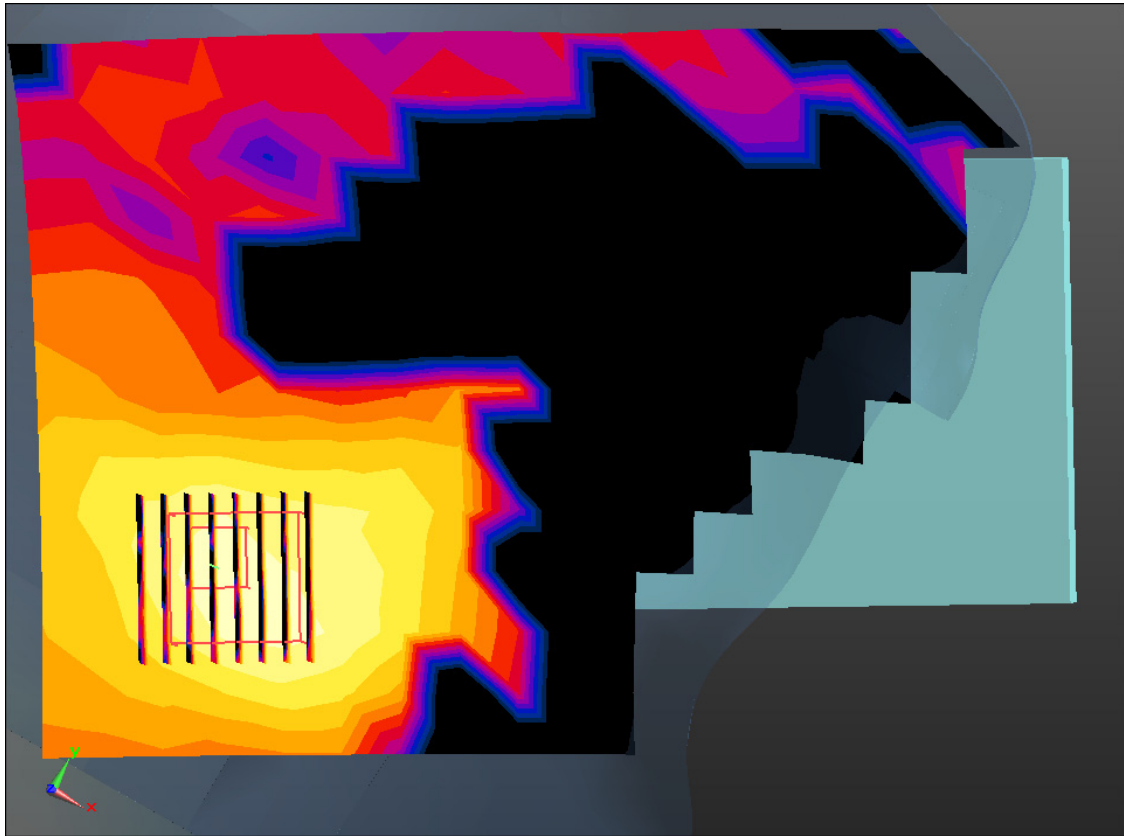
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.153 W/kg**



0 dB = 1.26 W/kg



Enlarged Plot for A22

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.403 \text{ S/m}$ ;  $\epsilon_r = 35.534$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-03; Ambient Temp: 20.8; Tissue Temp: 21.0

**Right Touch, WLAN(802.11a) Ch. 157, Ant Internal, Standard Battery, Ant.1**

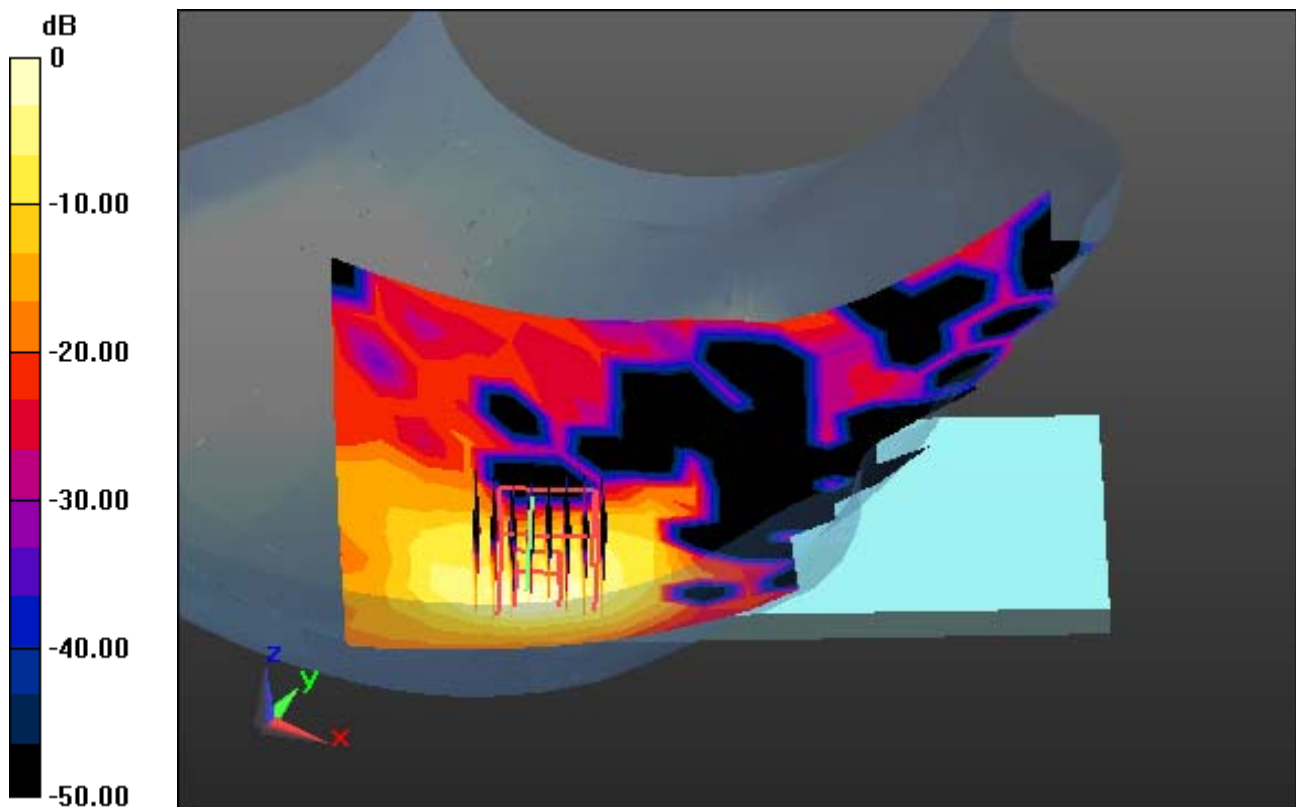
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

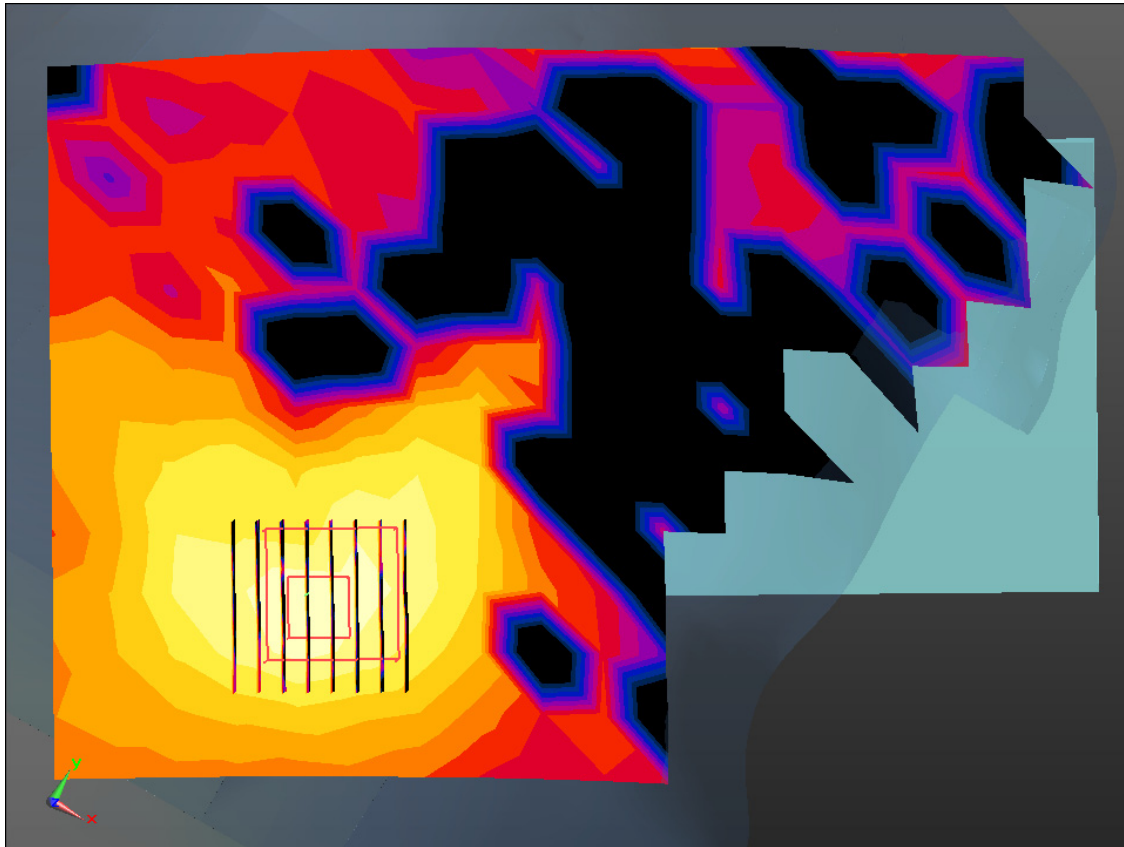
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.111 W/kg**



0 dB = 0.924 W/kg



Enlarged Plot for A23

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.403 \text{ S/m}$ ;  $\epsilon_r = 35.534$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-03; Ambient Temp: 20.8; Tissue Temp: 21.0

**Right Touch, WLAN(802.11a) Ch. 157, Ant Internal, Standard Battery, Ant.2**

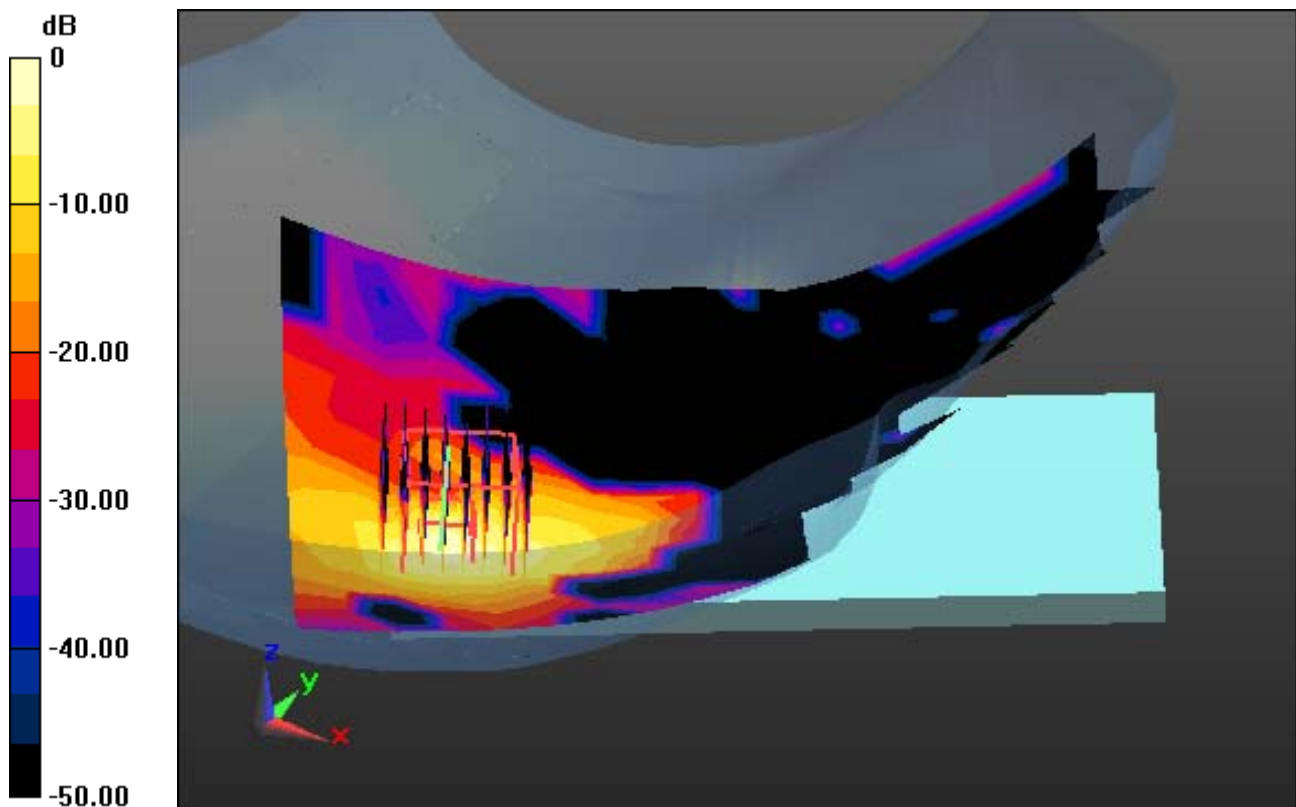
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

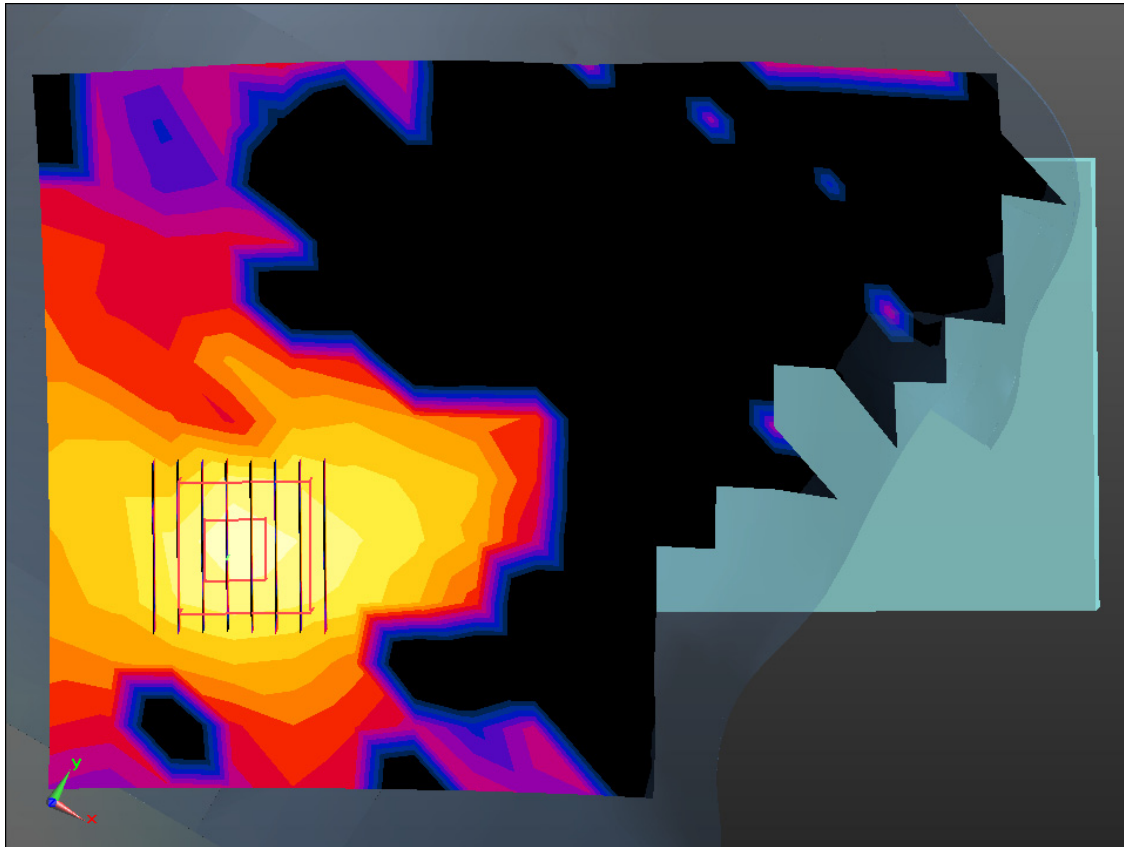
Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.138 W/kg**



0 dB = 1.34 W/kg



Enlarged Plot for A24

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, W-LAN 5G (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.403 \text{ S/m}$ ;  $\epsilon_r = 35.534$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(4.83, 4.83, 4.83); Calibrated: 7/26/2017; 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 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-03; Ambient Temp: 20.8; Tissue Temp: 21.0

**Right Touch, WLAN(802.11a) Ch. 157, Ant Internal, Standard Battery, MIMO**

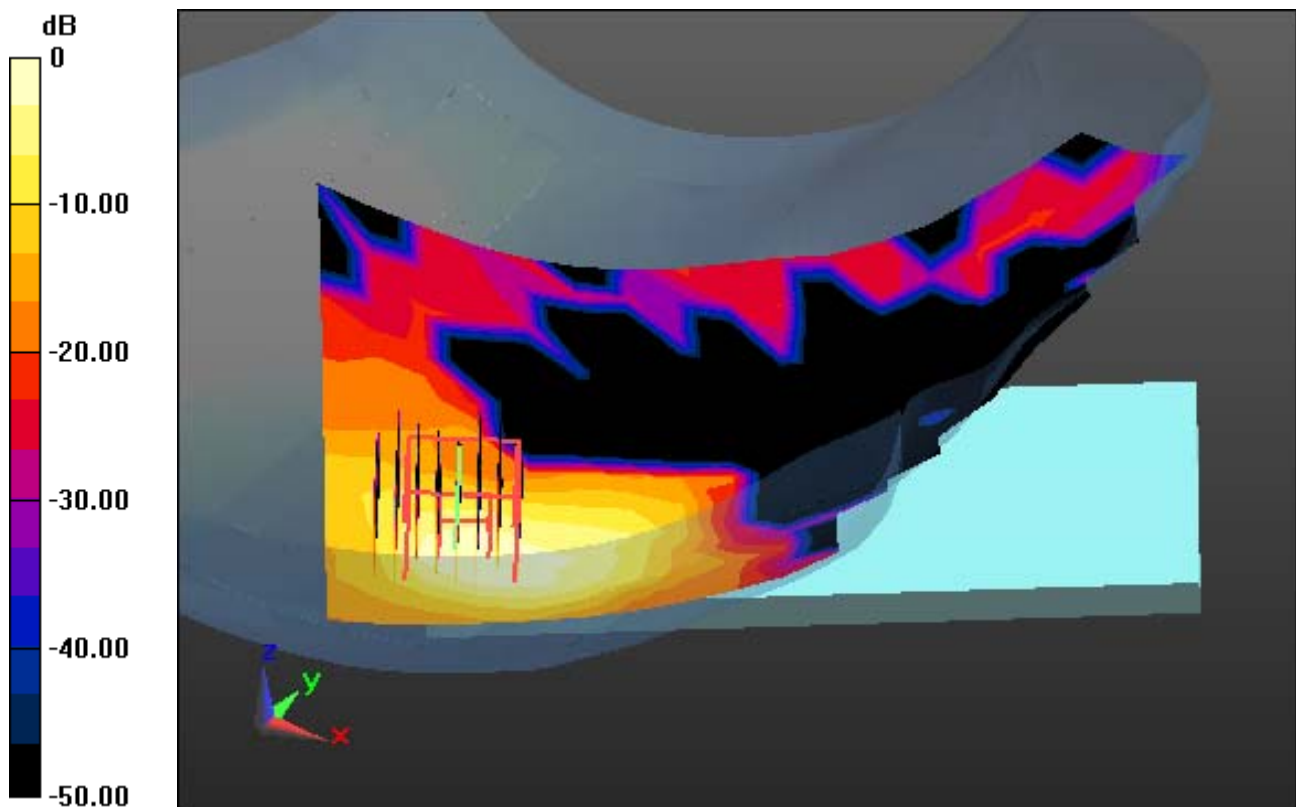
**Area Scan (13x20x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

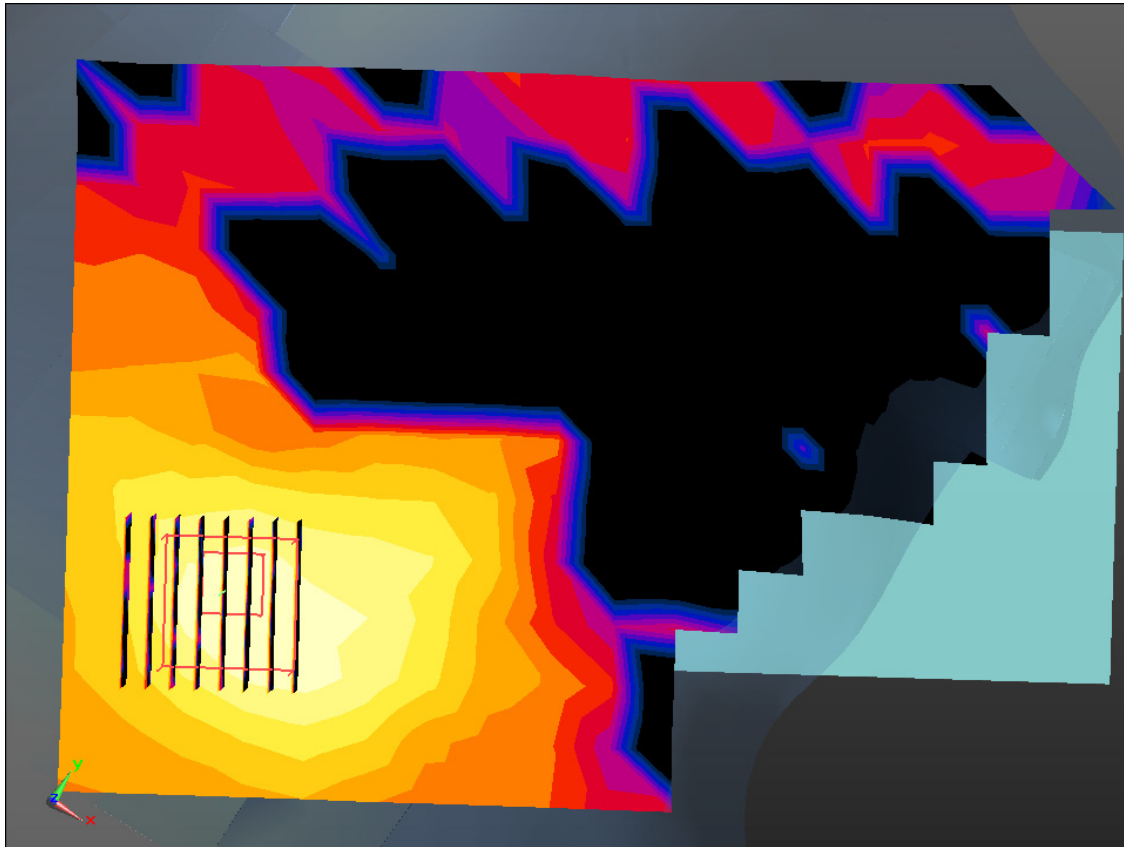
Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.78 W/kg

**SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.144 W/kg**



0 dB = 1.20 W/kg



Enlarged Plot for A25

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.795 \text{ S/m}$ ;  $\epsilon_r = 38.138$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3930; ConvF(7.87, 7.87, 7.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-03-23; Ambient Temp: 21.2; Tissue Temp: 22.2

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

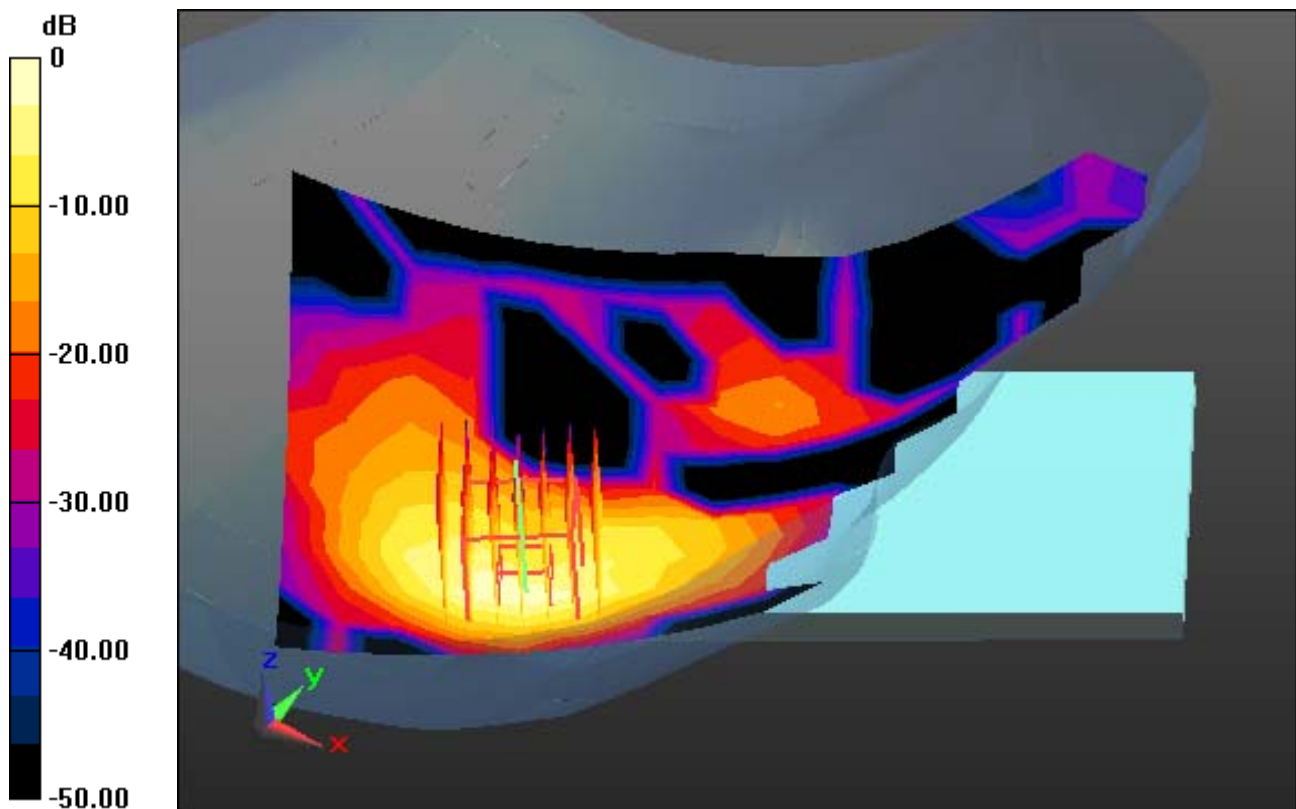
**Area Scan (11x16x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$

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

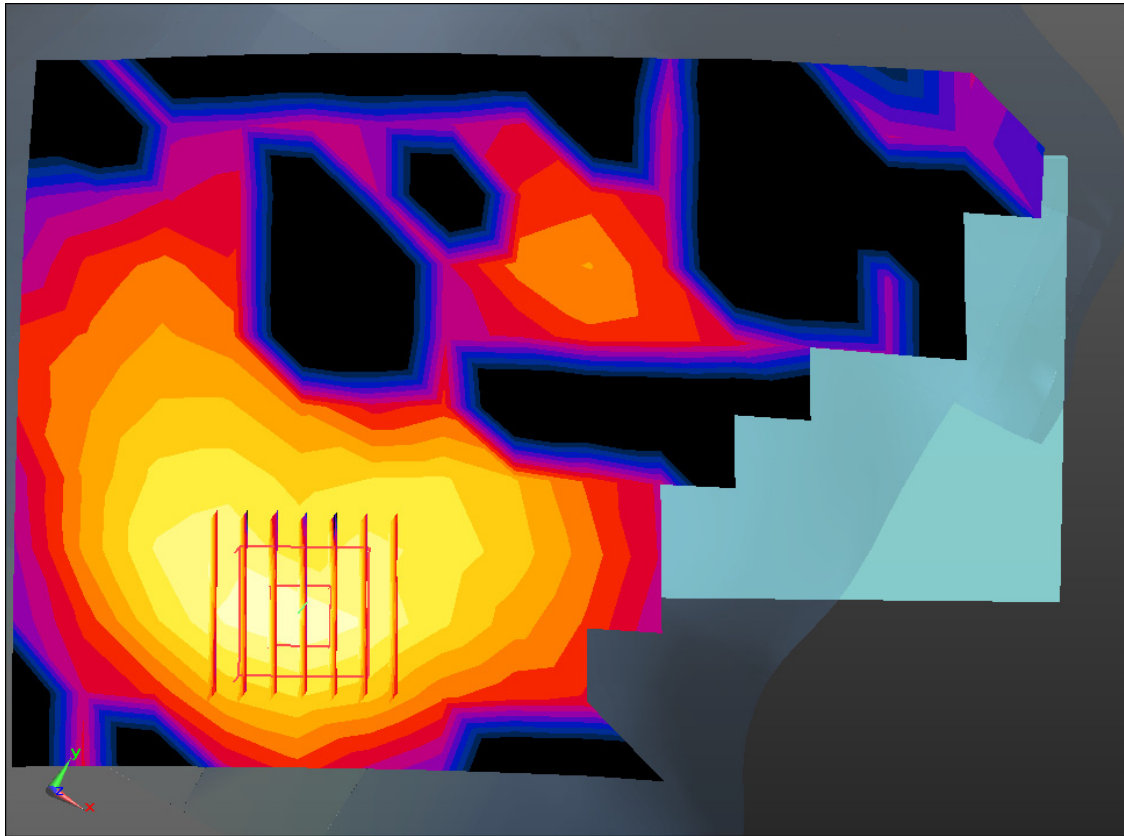
Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.518 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.067 W/kg**



0 dB = 0.339 W/kg



Enlarged Plot for A26

## DT&C Co., Ltd.

**DUT: LM-V350EM; Type: Bar**

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.981$  S/m;  $\epsilon_r = 55.05$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### **DASY5 Configuration:**

Probe: EX3DV4 - SN3933; ConvF(10.6, 10.6, 10.6); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right\_2013\_09\_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-04-03; Ambient Temp: 21.0; Tissue Temp: 20.9

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

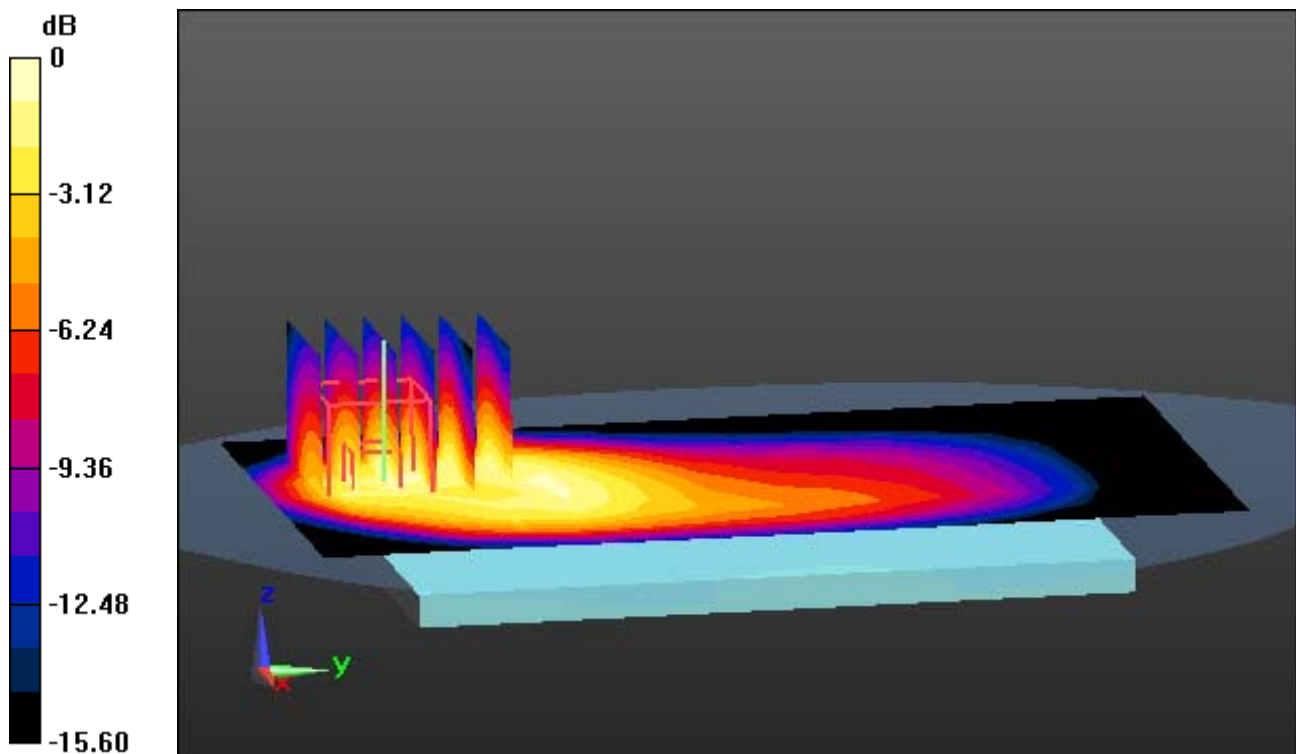
**Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

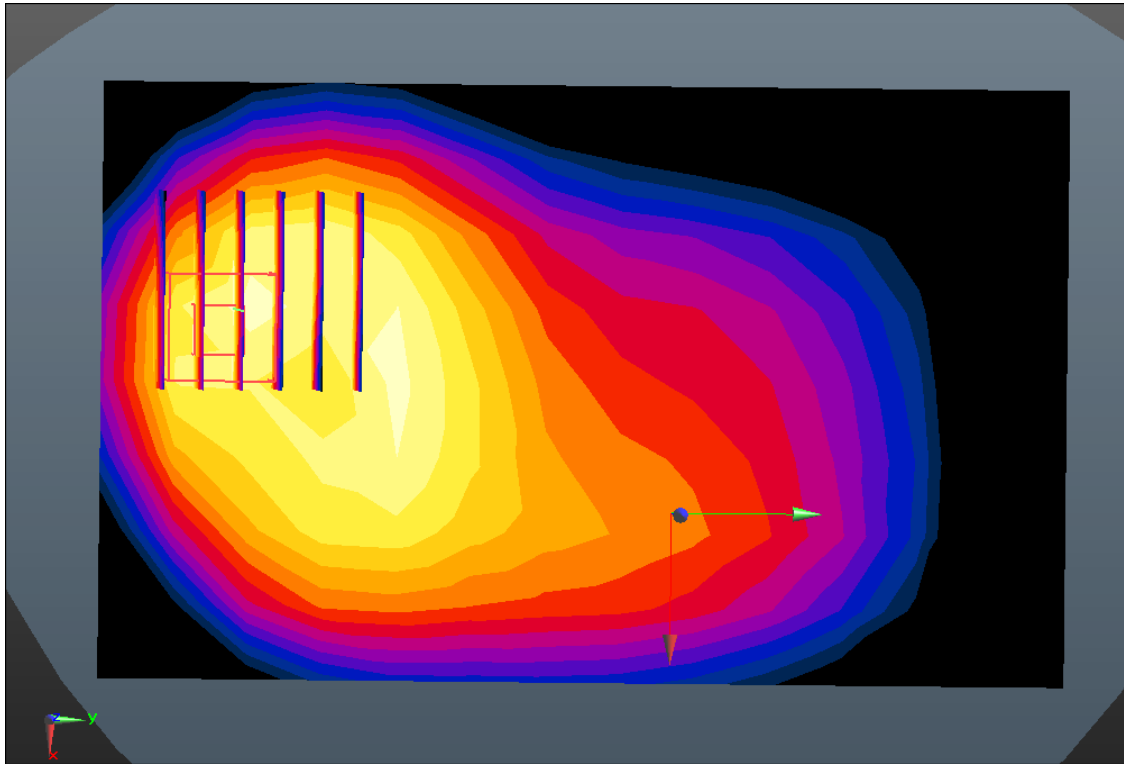
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.675 W/kg

**SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.229 W/kg**



0 dB = 0.532 W/kg



Enlarged Plot for A27