

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: $f = 750 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 43.273$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.85, 9.85, 9.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-14; Ambient Temp: 21.8; Tissue Temp: 22.2

750 MHz System Head Verification (250 mW)

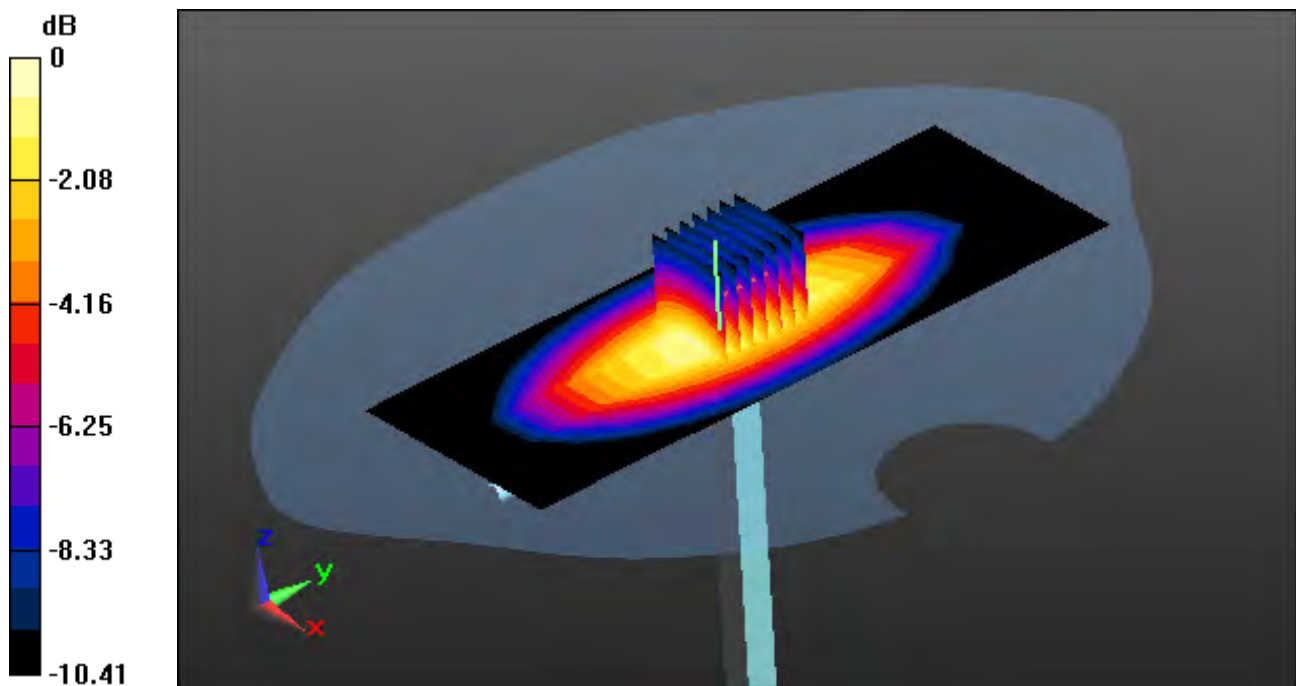
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.31 W/kg

SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.47 W/kg



0 dB = 2.82 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: $f = 750 \text{ MHz}$; $\sigma = 0.987 \text{ S/m}$; $\epsilon_r = 55.524$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.45, 9.45, 9.45); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-14; Ambient Temp: 21.8; Tissue Temp: 22.5

750 MHz System Body Verification (250 mW)

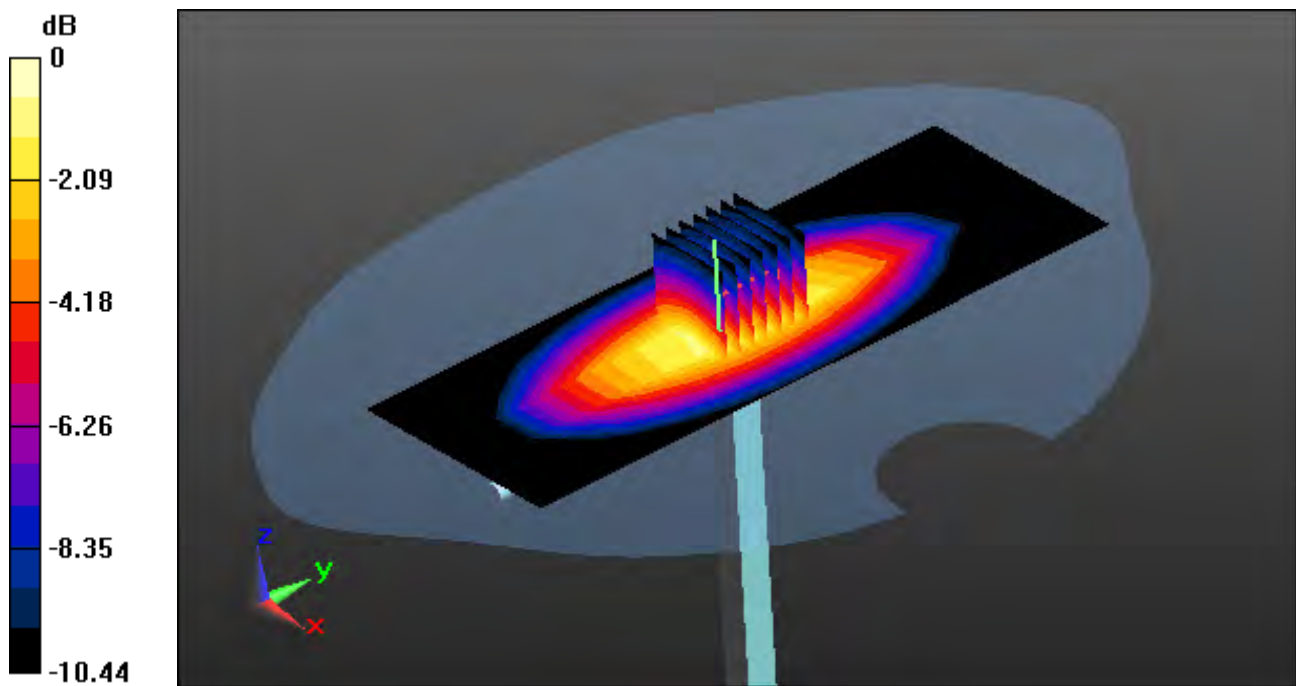
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.63 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.47 W/kg



0 dB = 3.01 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: $f = 835 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 40.746$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-05; Ambient Temp: 21.7; Tissue Temp: 21.5

835 MHz System Head Verification (250 mW)

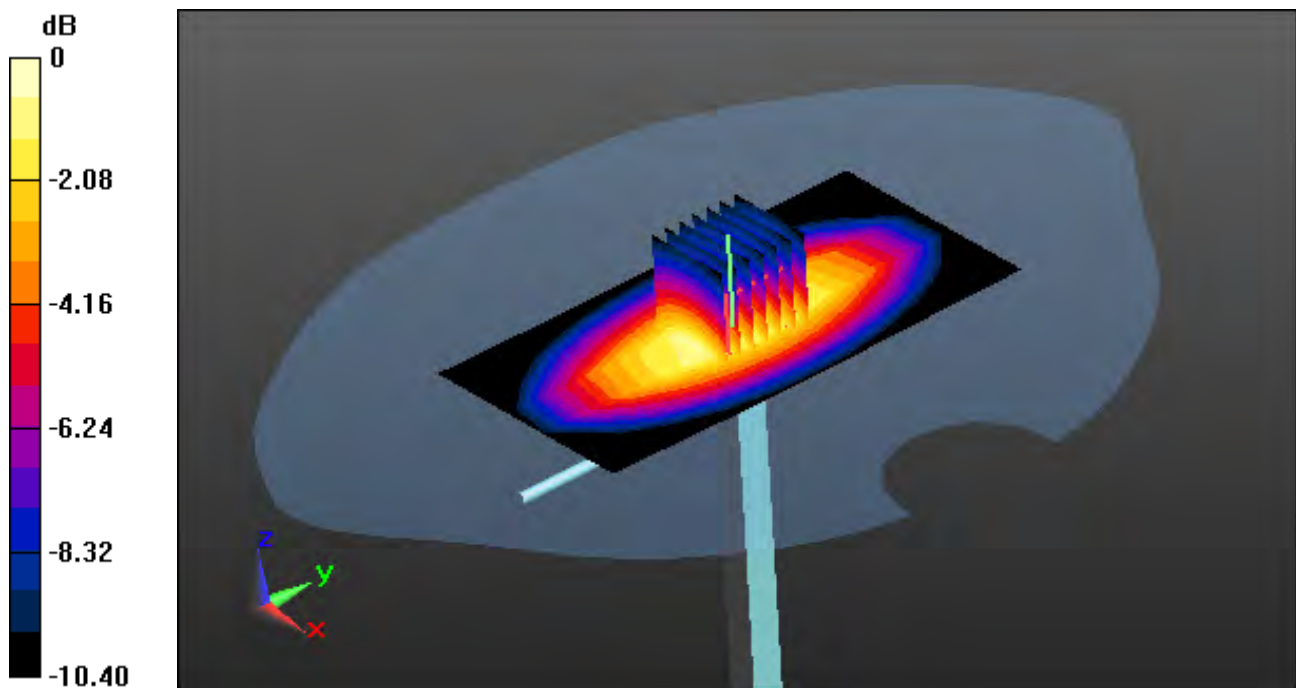
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg



0 dB = 2.91 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: $f = 835 \text{ MHz}$; $\sigma = 1 \text{ S/m}$; $\epsilon_r = 53.629$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.27, 9.27, 9.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-05; Ambient Temp: 21.7; Tissue Temp: 21.6

835 MHz System Body Verification (250 mW)

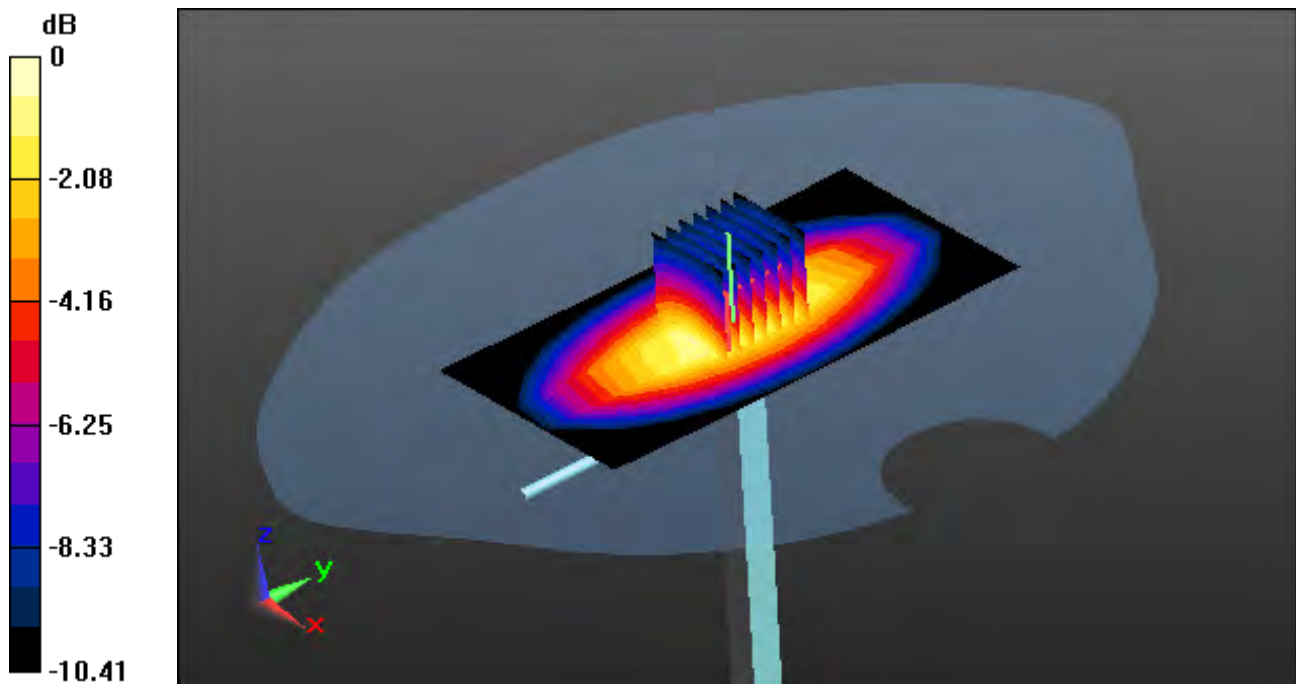
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.55 W/kg



0 dB = 2.83 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; $\sigma = 1.379$ S/m; $\epsilon_r = 40.199$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.1, 8.1, 8.1); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-08; Ambient Temp: 22.2; Tissue Temp: 21.5

1800 MHz System Head Verification (100 mW)

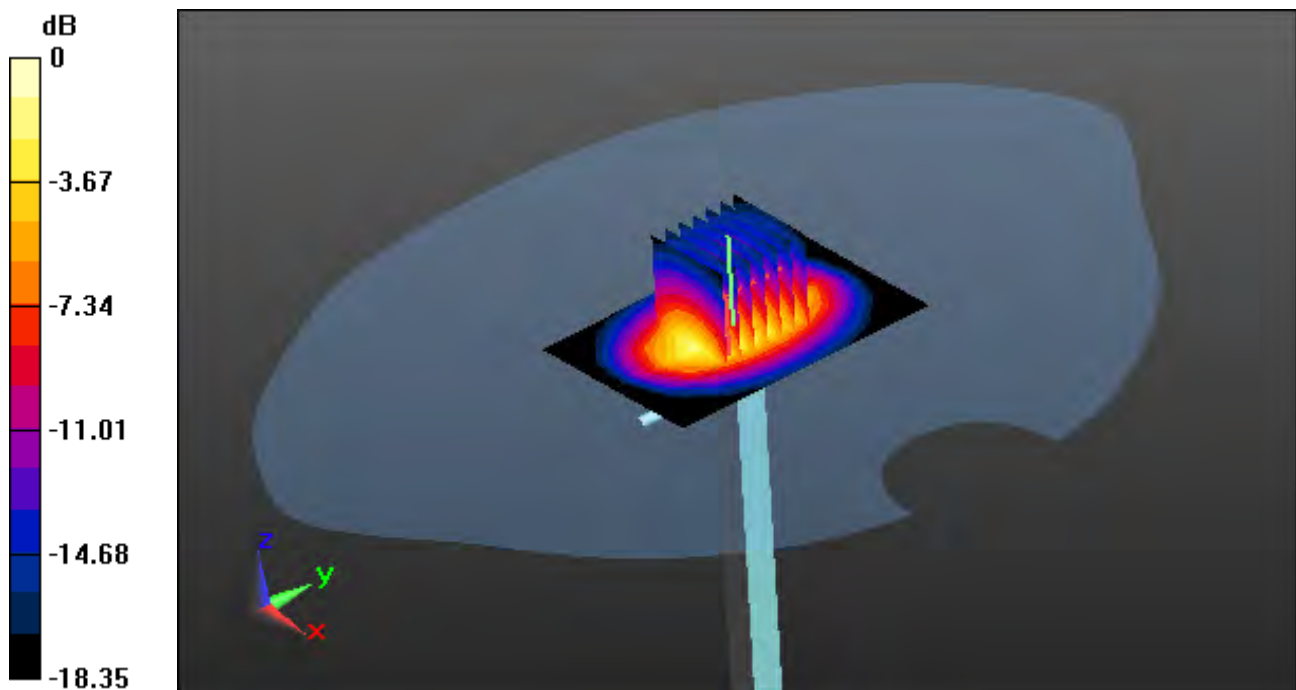
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 7.41 W/kg

SAR(1 g) = 3.97 W/kg; SAR(10 g) = 2.02 W/kg



0 dB = 5.69 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; $\sigma = 1.503$ S/m; $\epsilon_r = 53.464$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-08; Ambient Temp: 22.2; Tissue Temp: 21.8

1800 MHz System Body Verification (100 mW)

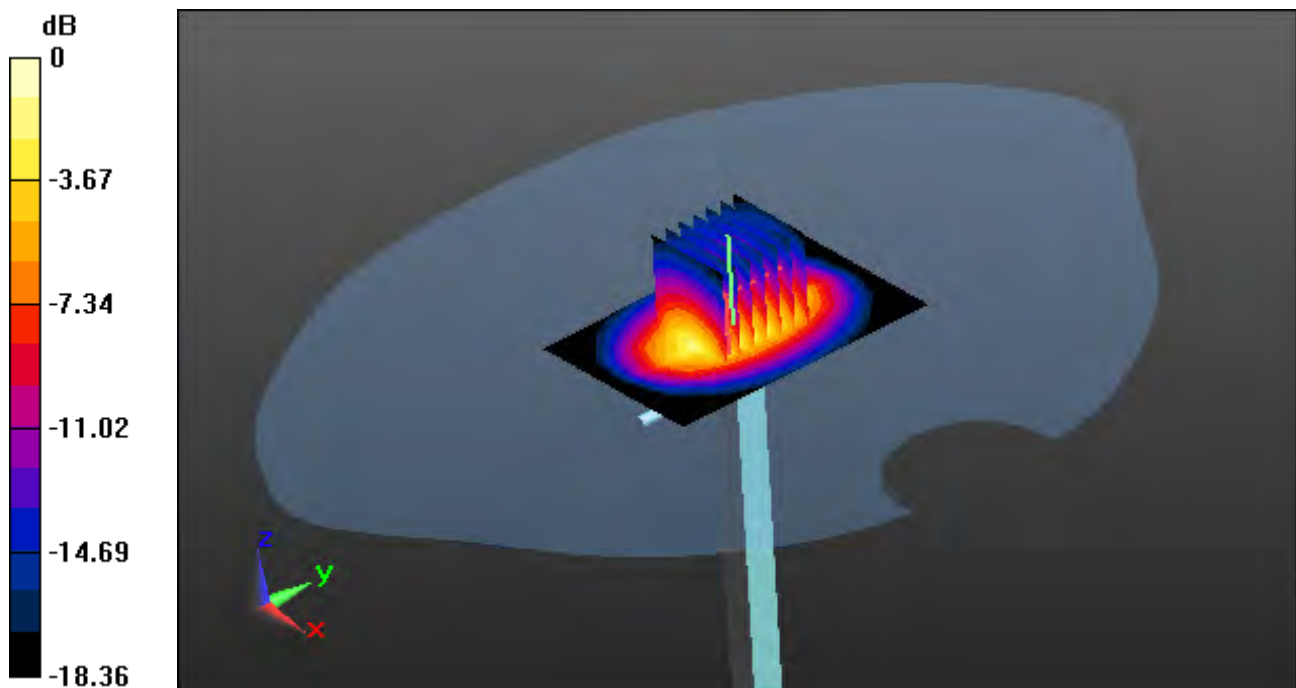
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.61 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.11 W/kg



0 dB = 6.06 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; $\sigma = 1.383$ S/m; $\epsilon_r = 40.281$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.1, 8.1, 8.1); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-12; Ambient Temp: 21.7; Tissue Temp: 21.5

1800 MHz System Head Verification (100 mW)

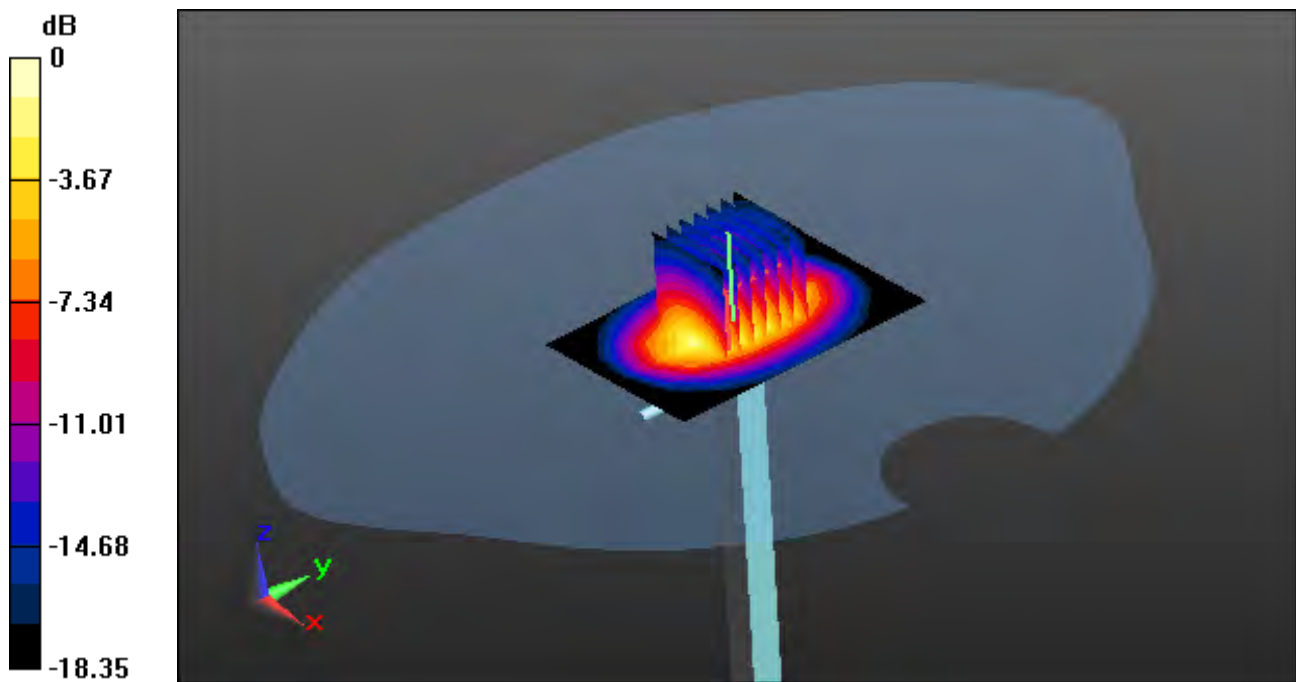
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.13 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.89 W/kg



0 dB = 5.42 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: $f = 1800 \text{ MHz}$; $\sigma = 1.497 \text{ S/m}$; $\epsilon_r = 53.407$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-12; Ambient Temp: 21.7; Tissue Temp: 21.6

1800 MHz System Body Verification (100 mW)

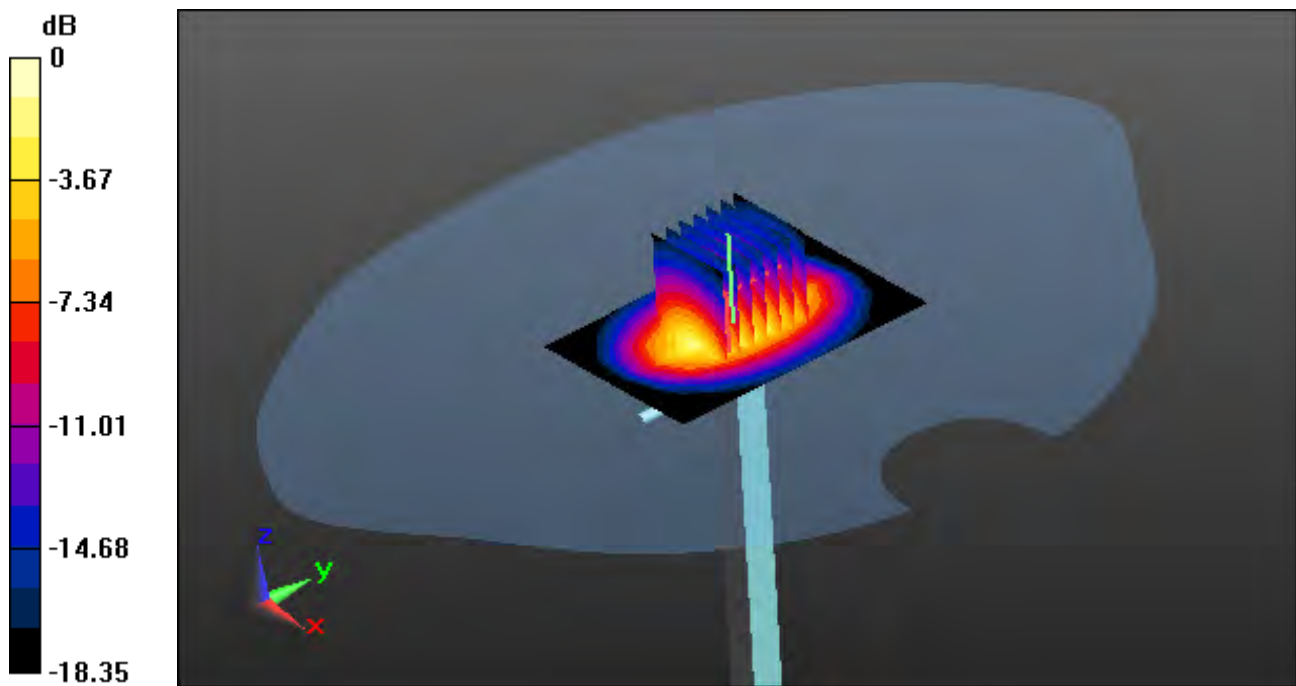
Area Scan (7x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 8.55 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.86 W/kg



0 dB = 6.03 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; $\sigma = 1.407$ S/m; $\epsilon_r = 39.429$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.2

1900 MHz System Head Verification (100 mW)

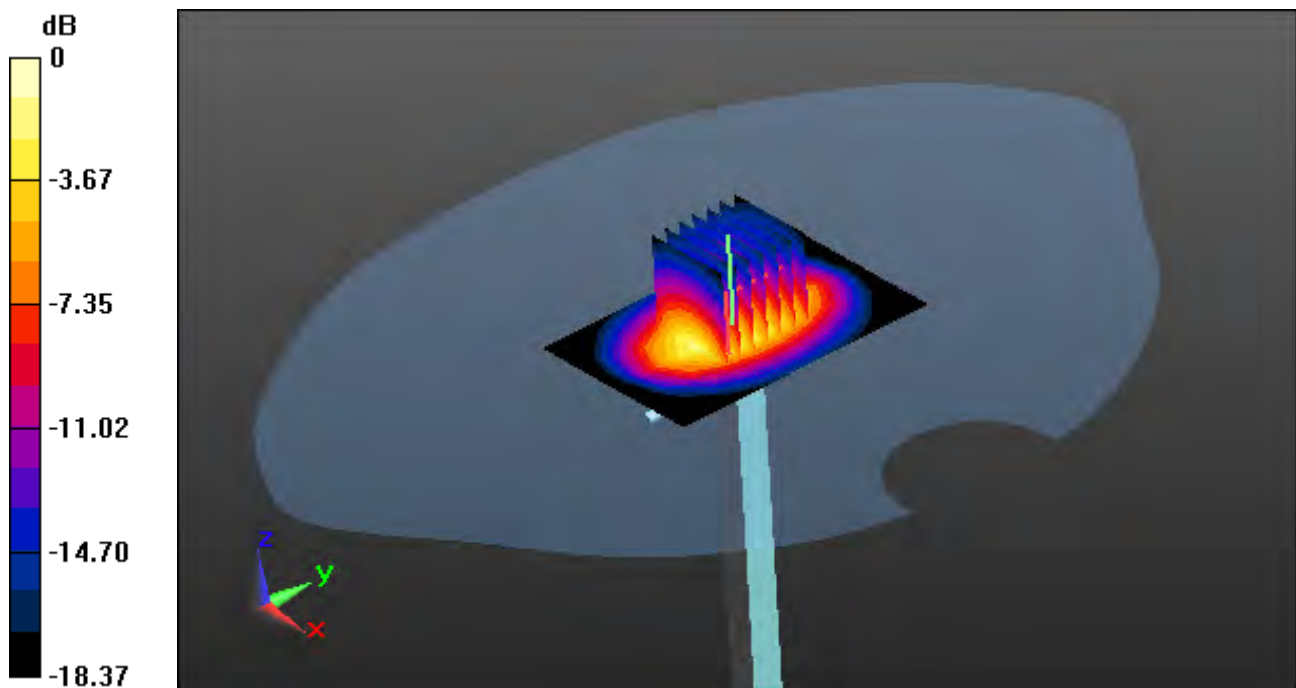
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 7.59 W/kg

SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 5.91 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; $\sigma = 1.502$ S/m; $\epsilon_r = 51.959$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.1

1900 MHz System Body Verification (100 mW)

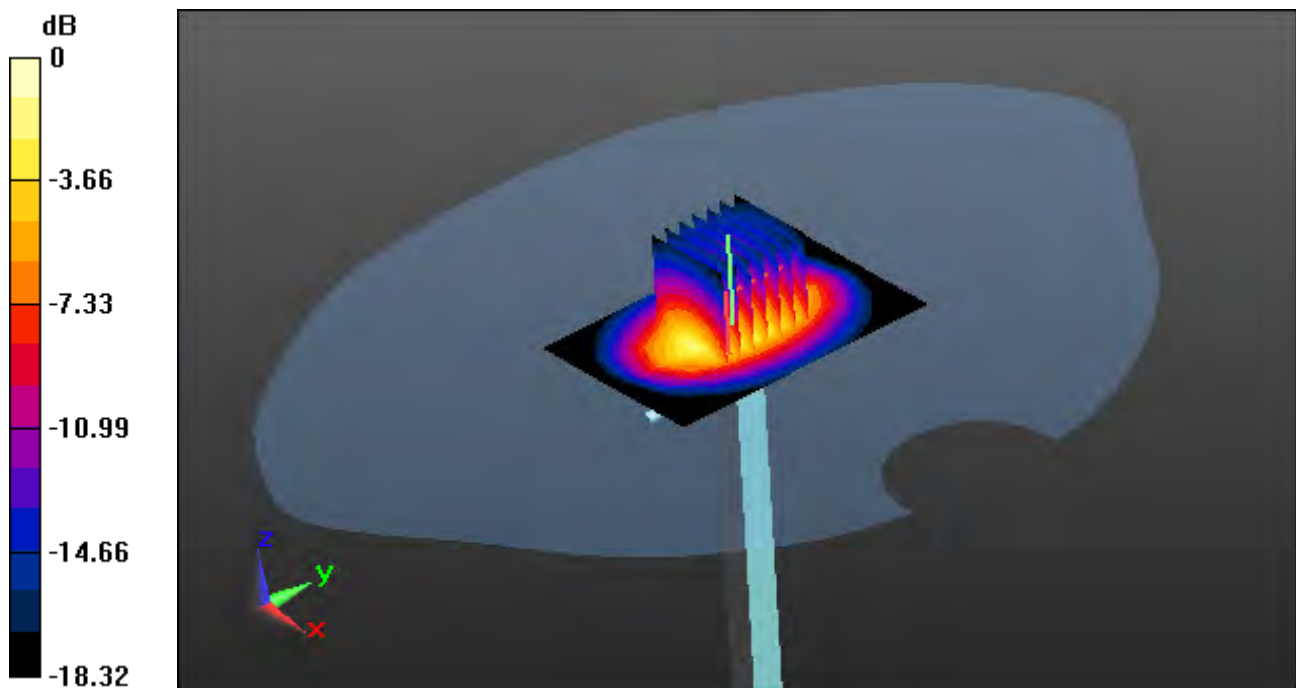
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 8.01 W/kg

SAR(1 g) = 4.01 W/kg; SAR(10 g) = 2.18 W/kg



0 dB = 5.82 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; $\sigma = 1.409$ S/m; $\epsilon_r = 39.556$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-07; Ambient Temp: 21.2; Tissue Temp: 20.6

1900 MHz System Head Verification (100 mW)

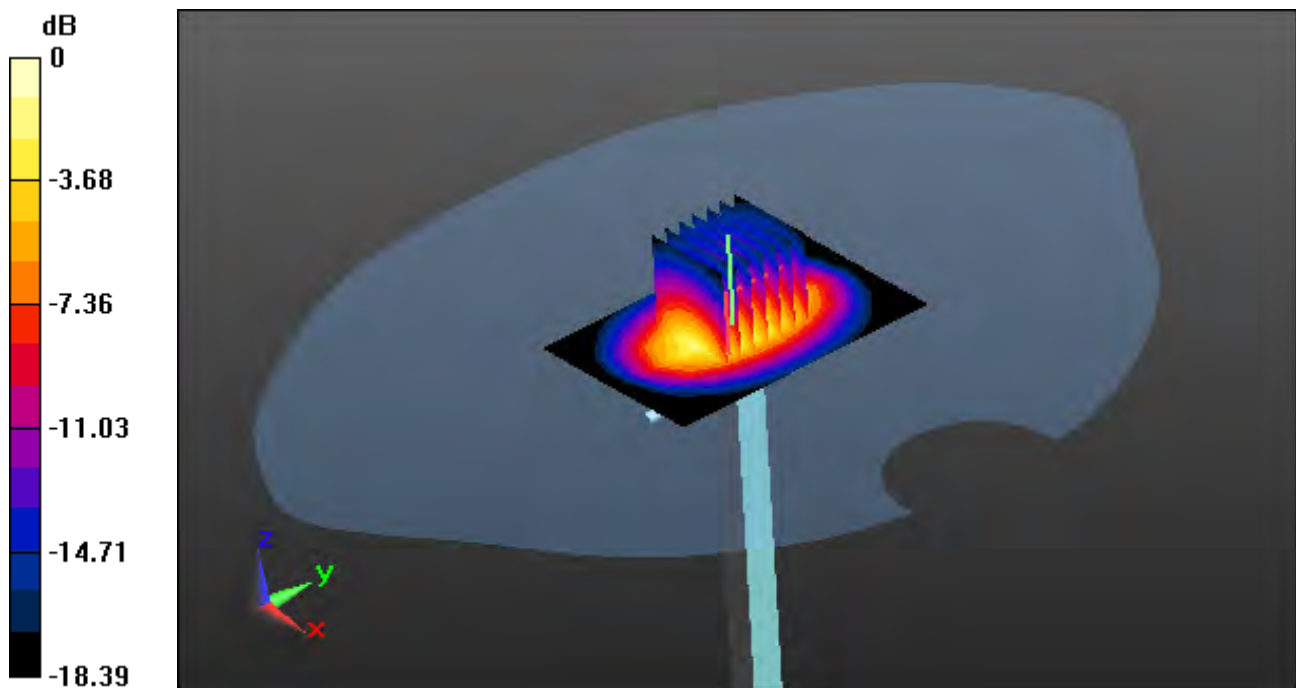
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 7.12 W/kg

SAR(1 g) = 4.32 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 5.7 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; $\sigma = 1.502$ S/m; $\epsilon_r = 52.065$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-07; Ambient Temp: 21.2; Tissue Temp: 20.8

1900 MHz System Body Verification (100 mW)

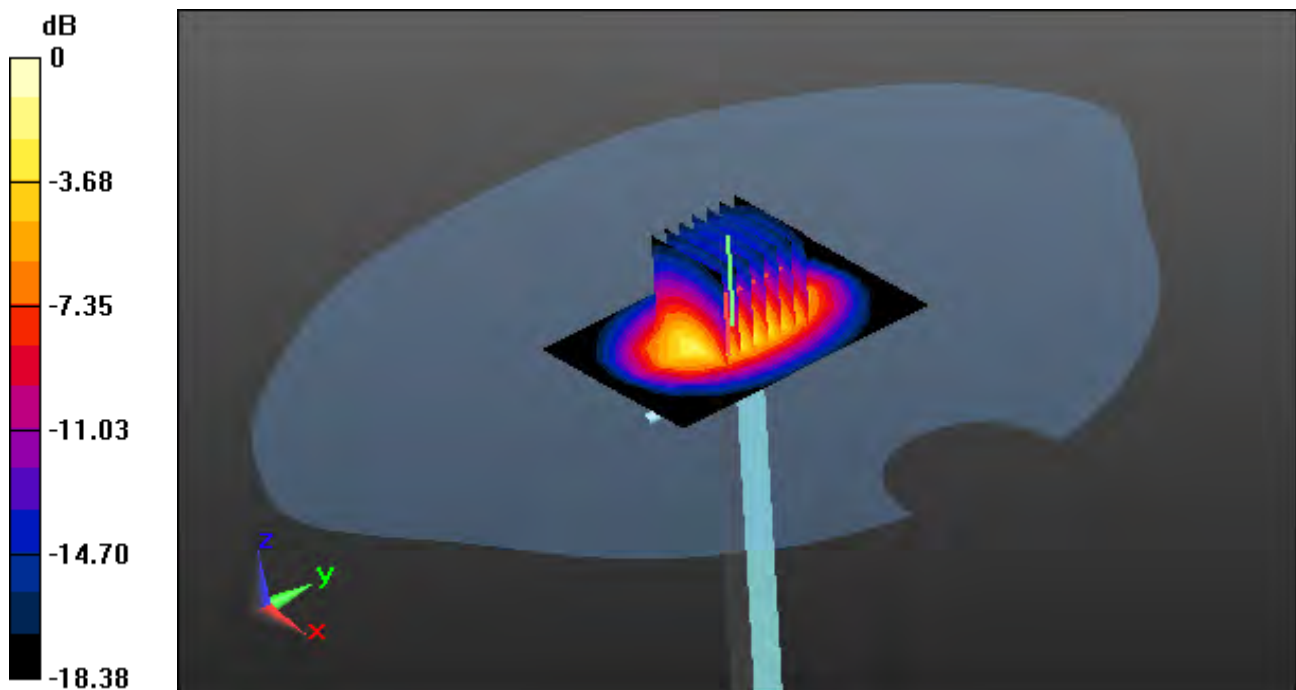
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.43 W/kg

SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.03 W/kg



0 dB = 5.47 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; $\sigma = 1.41$ S/m; $\epsilon_r = 39.589$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-09; Ambient Temp: 21.9; Tissue Temp: 21.9

1900 MHz System Head Verification (100 mW)

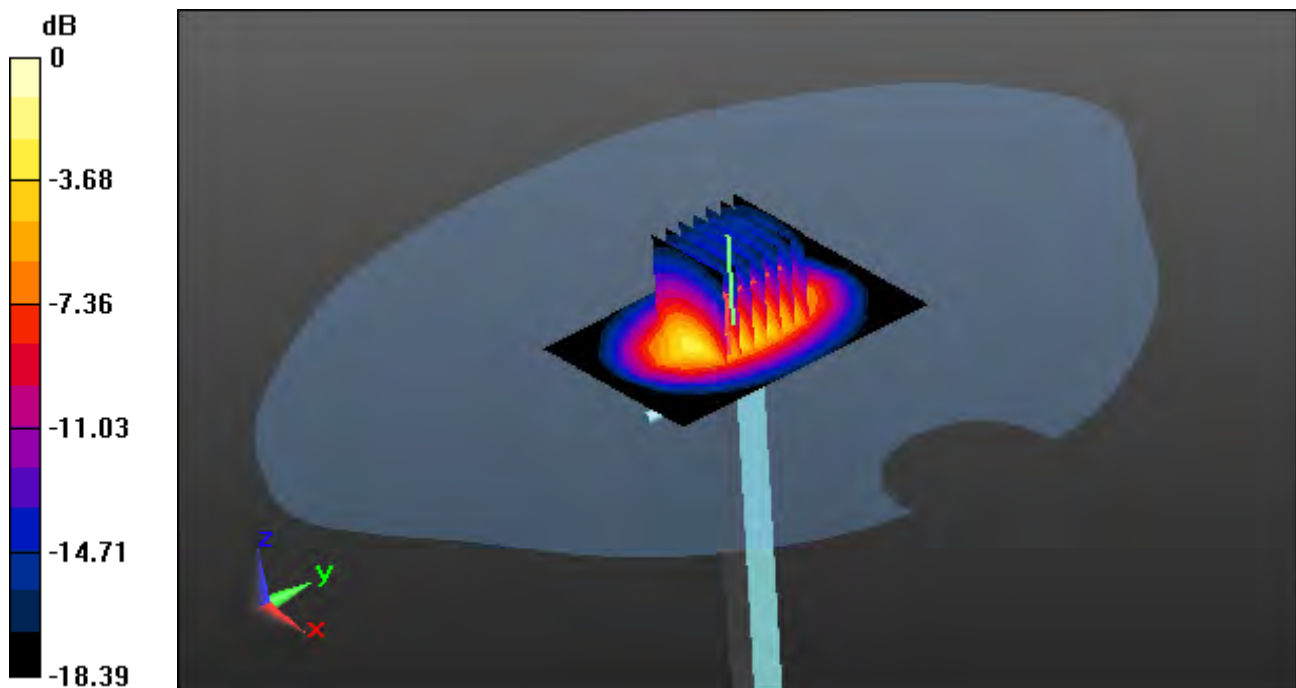
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.07 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.97 W/kg



0 dB = 4.18 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; $\sigma = 1.501$ S/m; $\epsilon_r = 51.604$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-09; Ambient Temp: 21.9; Tissue Temp: 21.6

1900 MHz System Body Verification (100 mW)

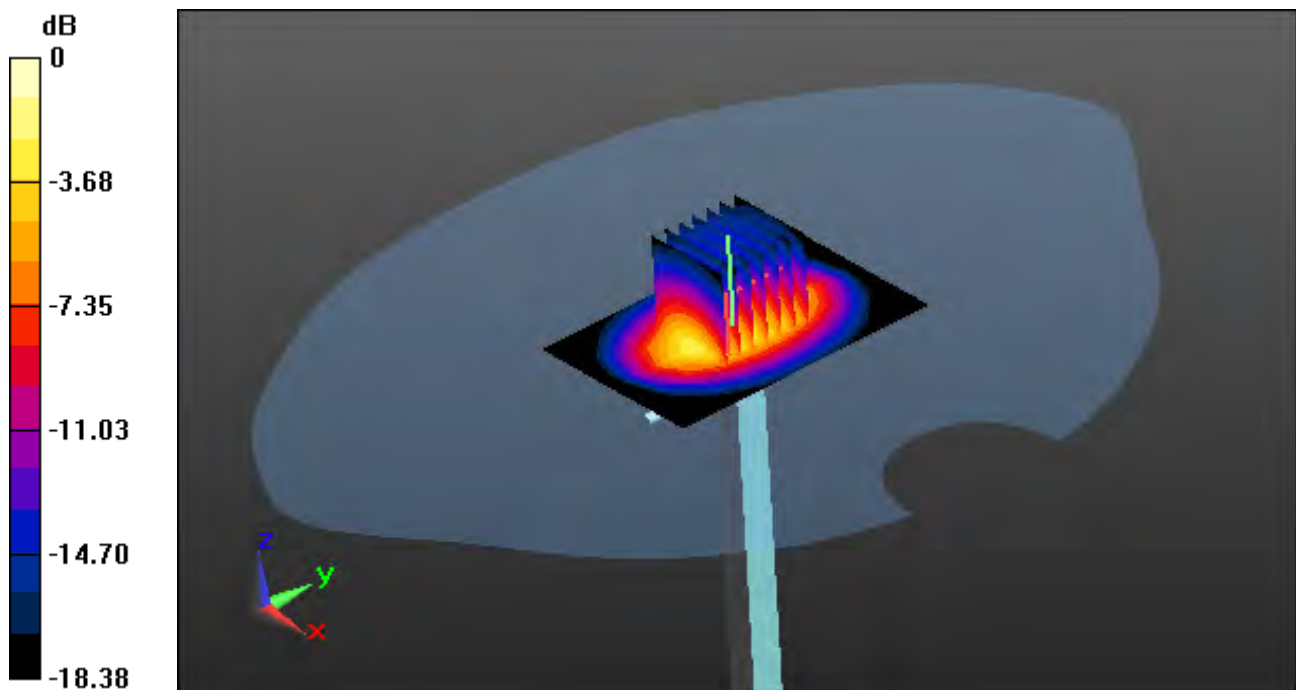
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 8.12 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.97 W/kg



0 dB = 6.33 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.849$ S/m; $\epsilon_r = 38.934$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.2

2450 MHz System Head Verification (100 mW)

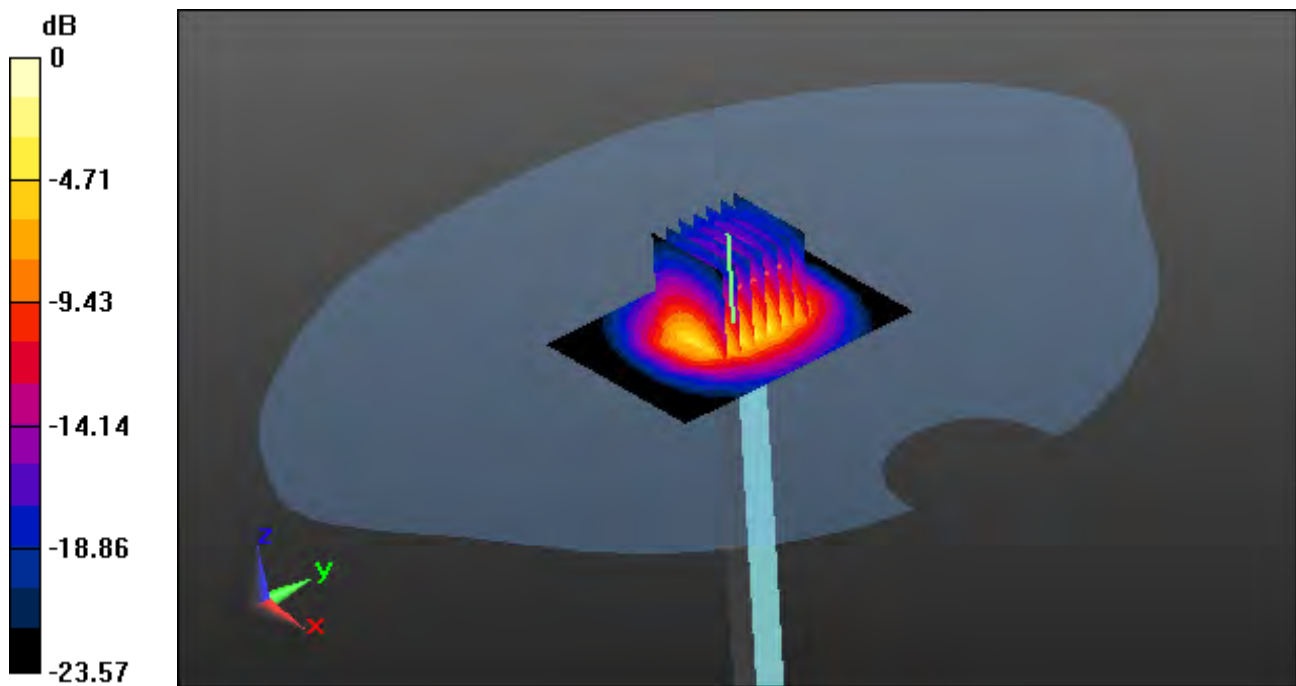
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 8.00 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 51.785$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

2450 MHz System Body Verification (100 mW)

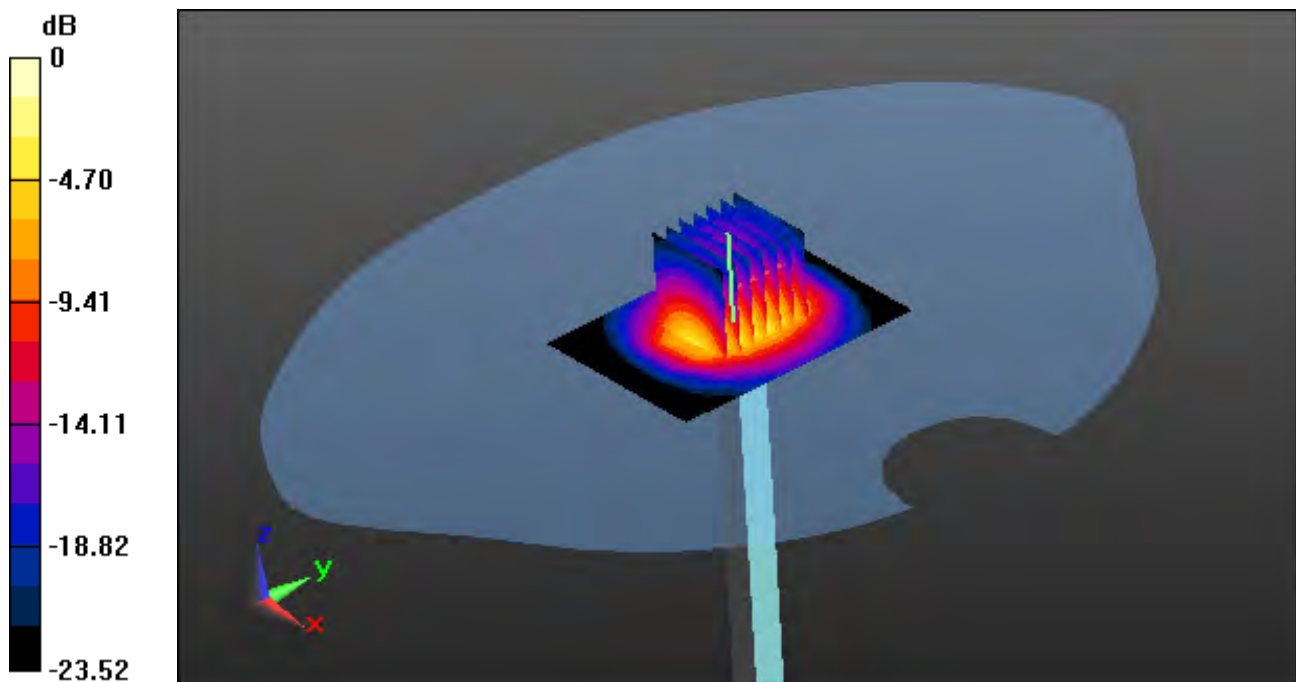
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.39 W/kg



0 dB = 8.20 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.998$ S/m; $\epsilon_r = 39.595$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.03, 7.03, 7.03); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-13; Ambient Temp: 22.0; Tissue Temp: 21.9

2600 MHz System Head Verification (100 mW)

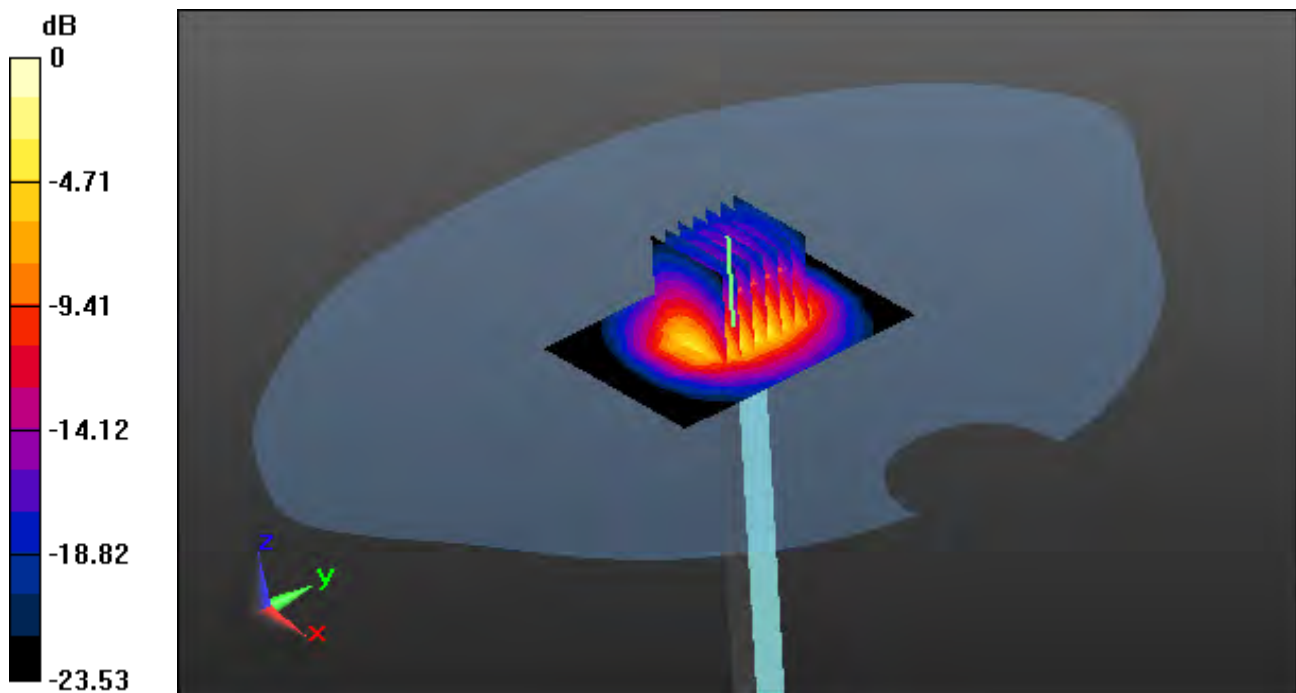
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.57 W/kg



0 dB = 8.82 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.168$ S/m; $\epsilon_r = 53.339$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right 20170922; Type: QD000P40CD; Serial: 1895

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-08-13; Ambient Temp: 20.9; Tissue Temp: 20.8

2600 MHz System Body Verification (100 mW)

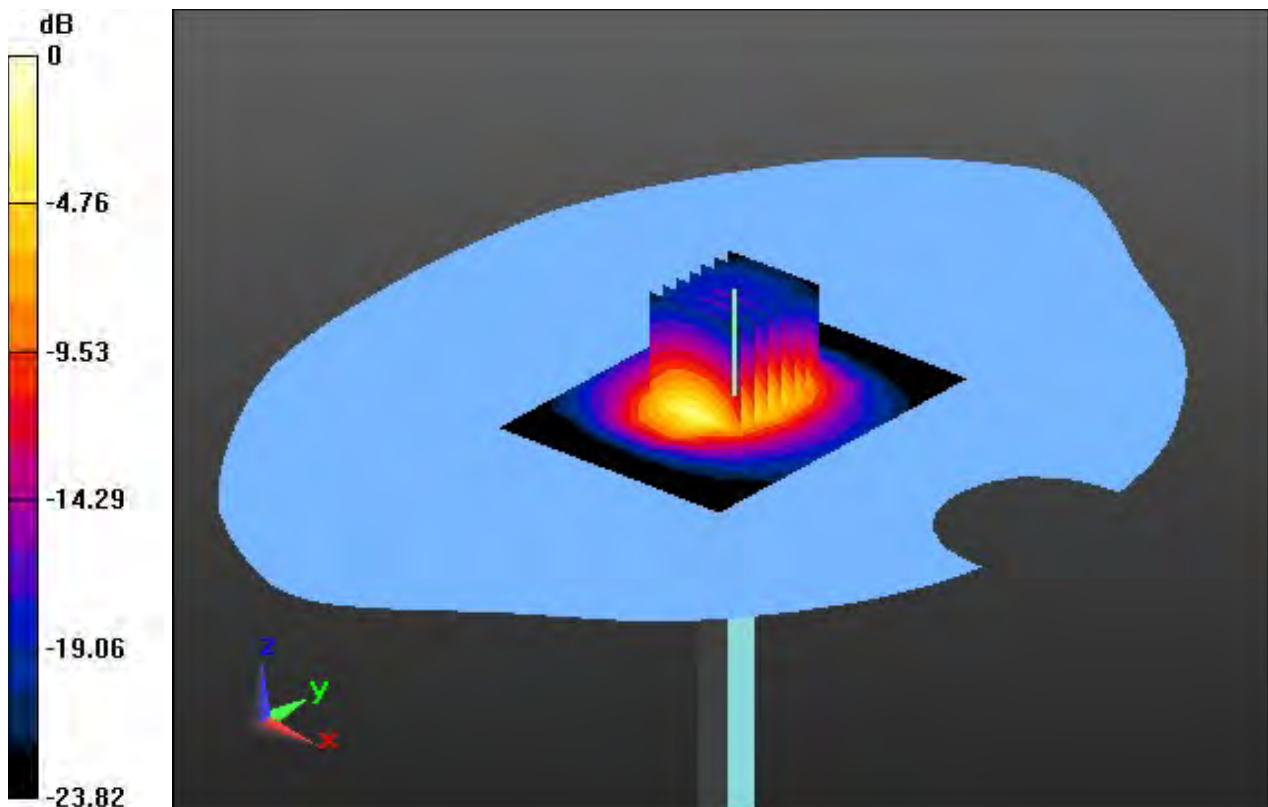
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 5.63 W/kg; SAR(10 g) = 2.56 W/kg



DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 50.504$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-21; Ambient Temp: 21.6; Tissue Temp: 21.3

5200 MHz System Body Verification (100 mW)

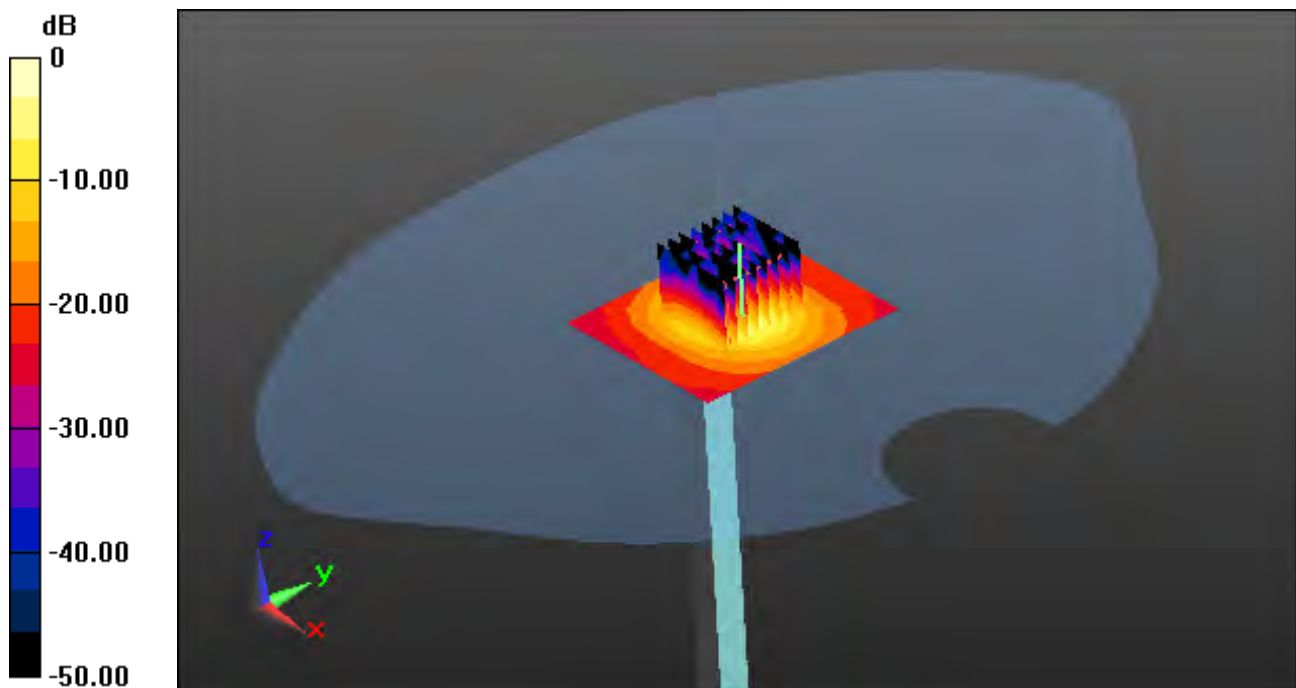
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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) = 29.1 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.02 W/kg



DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 36.532$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-26; Ambient Temp: 21.5; Tissue Temp: 21.9

5300 MHz System Head Verification (100 mW)

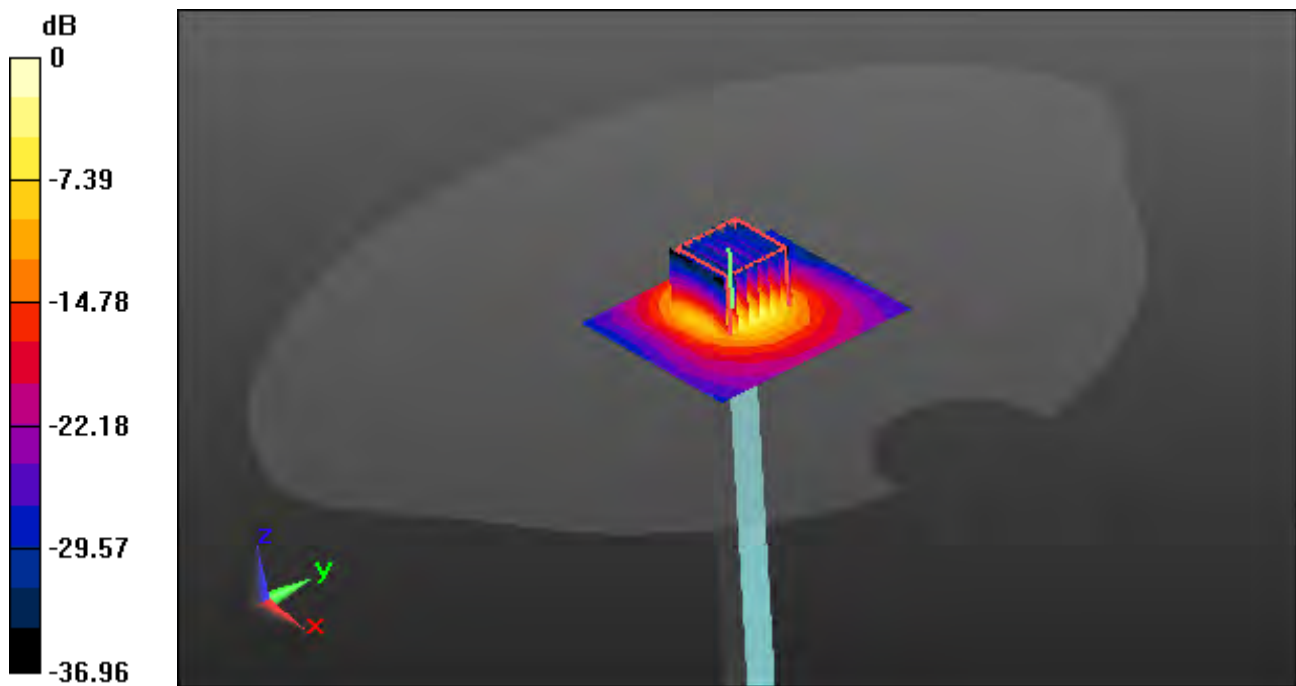
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 37.9 W/kg

SAR(1 g) = 8.48 W/kg; SAR(10 g) = 2.38 W/kg



0 dB = 17.9 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.251$ S/m; $\epsilon_r = 49.641$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

5300 MHz System Body Verification (100 mW)

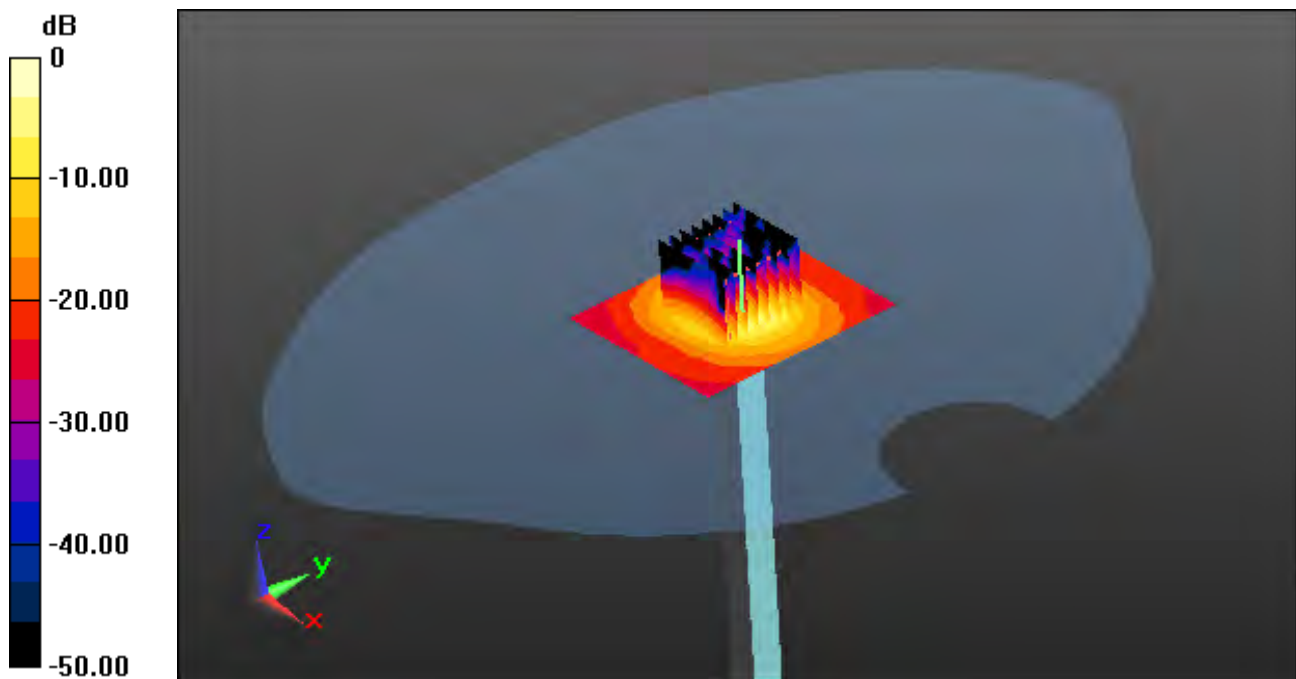
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 31.5 W/kg

SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.11 W/kg



0 dB = 18.84 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.022$ S/m; $\epsilon_r = 35.697$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.91, 4.91, 4.91); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-27; Ambient Temp: 21.8; Tissue Temp: 21.5

5600 MHz System Head Verification (100 mW)

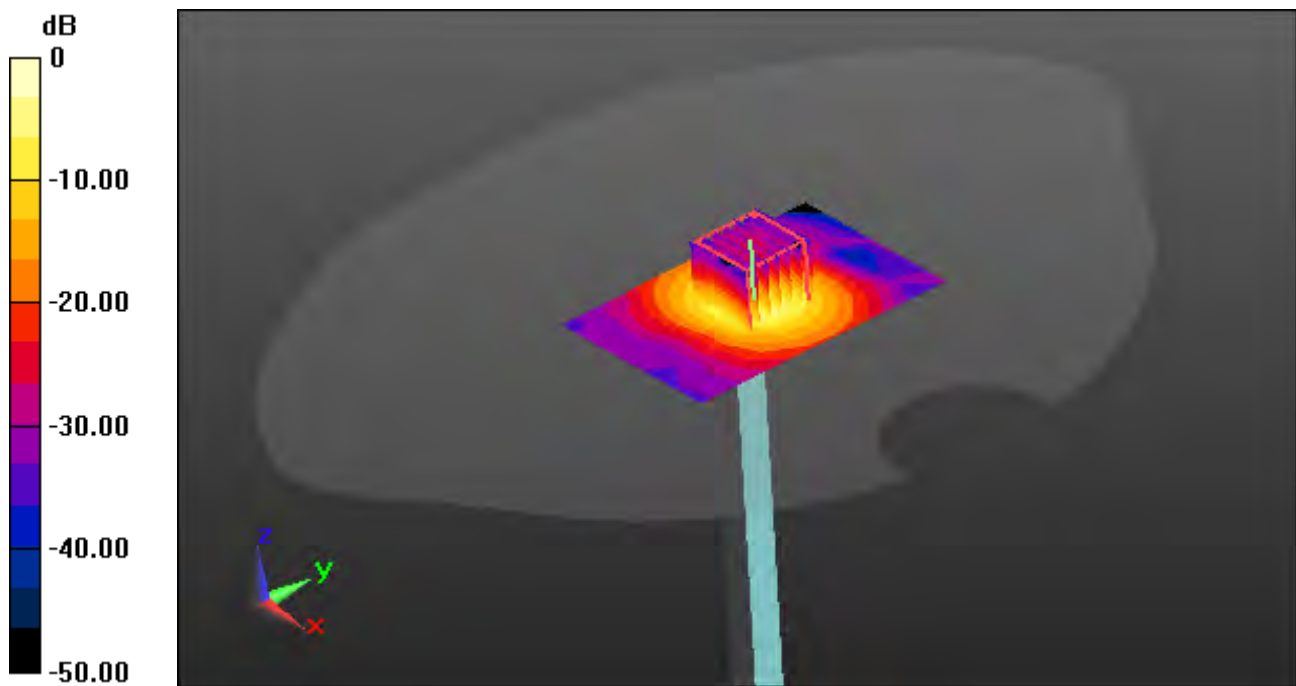
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 41.1 W/kg

SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 21.8 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.738$ S/m; $\epsilon_r = 48.961$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

5600 MHz System Body Verification (100 mW)

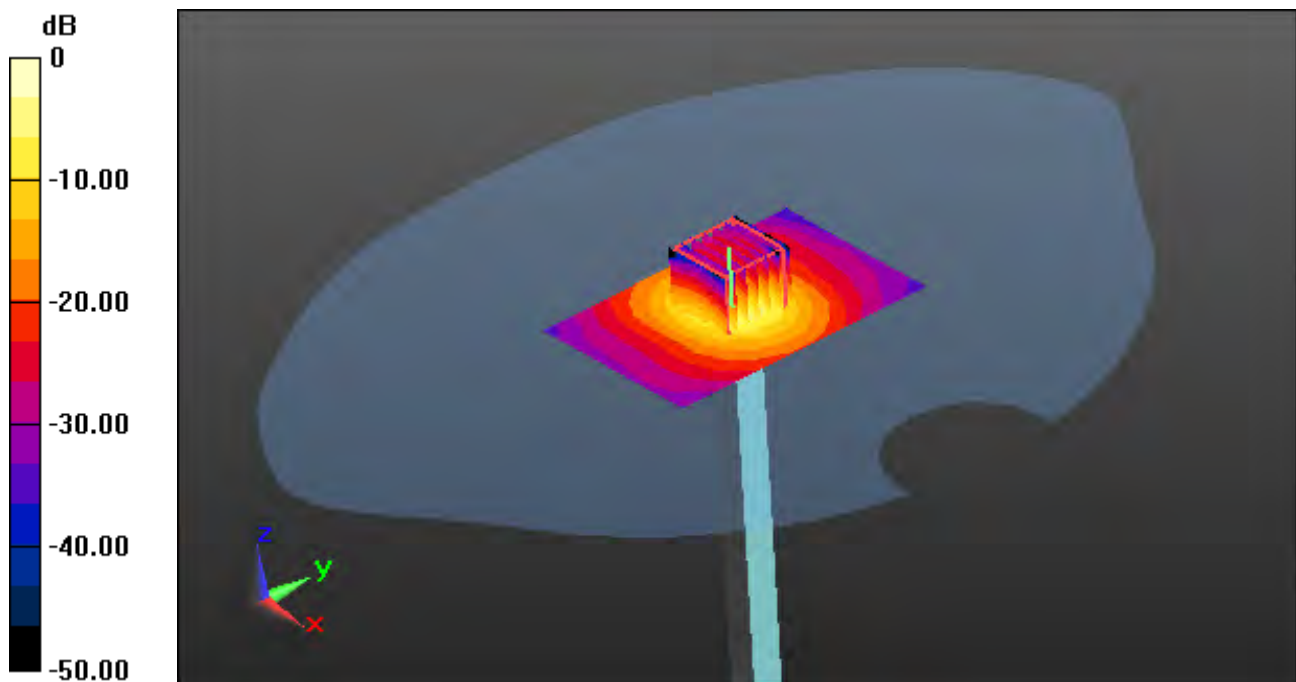
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 34.5 W/kg

SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.2 W/kg



DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.233 \text{ S/m}$; $\epsilon_r = 35.36$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-27; Ambient Temp: 21.8; Tissue Temp: 21.5

5800 MHz System Head Verification (100 mW)

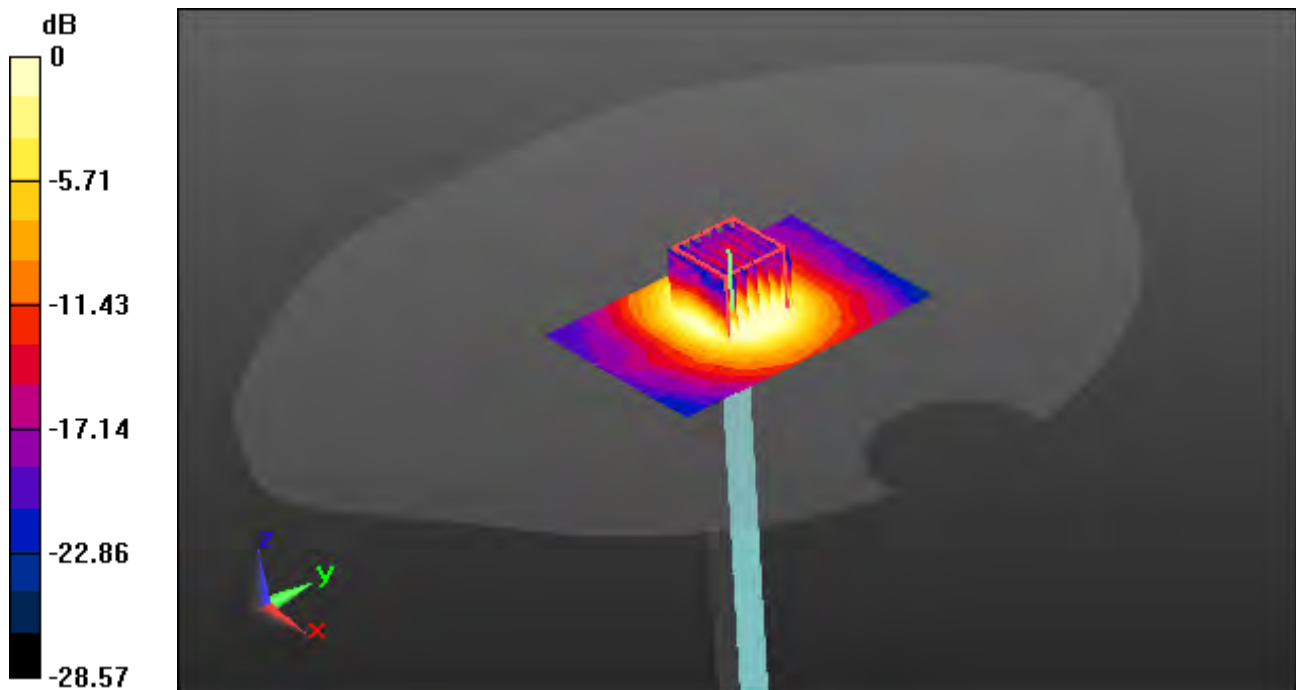
Area Scan (7x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x11)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 38.2 W/kg

SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.25 W/kg



0 dB = 17.8 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.003$ S/m; $\epsilon_r = 48.584$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

robe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

5800 MHz System Body Verification (100 mW)

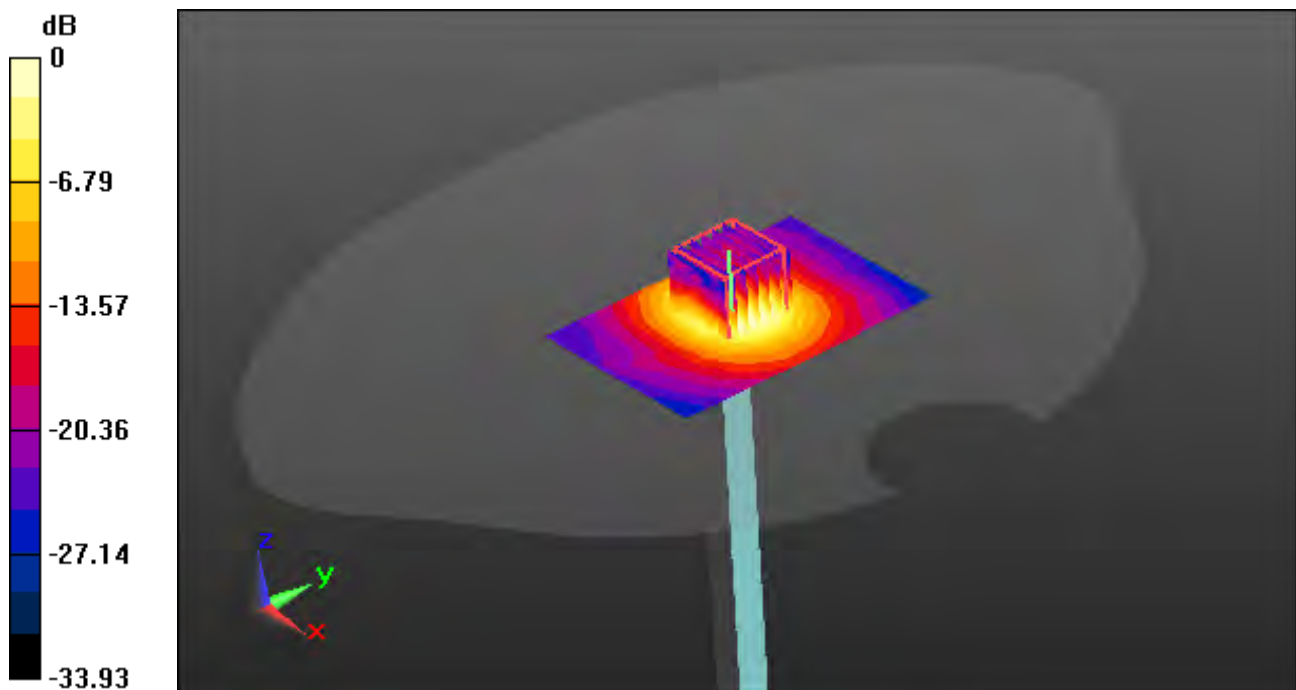
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 36.83 W/kg

SAR(1 g) = 6.94 W/kg; SAR(10 g) = 1.96 W/kg



0 dB = 16.53 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.236$ S/m; $\epsilon_r = 36.122$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-08-28; Ambient Temp: 21.3; Tissue Temp: 21.6

5800 MHz System Head Verification (100 mW)

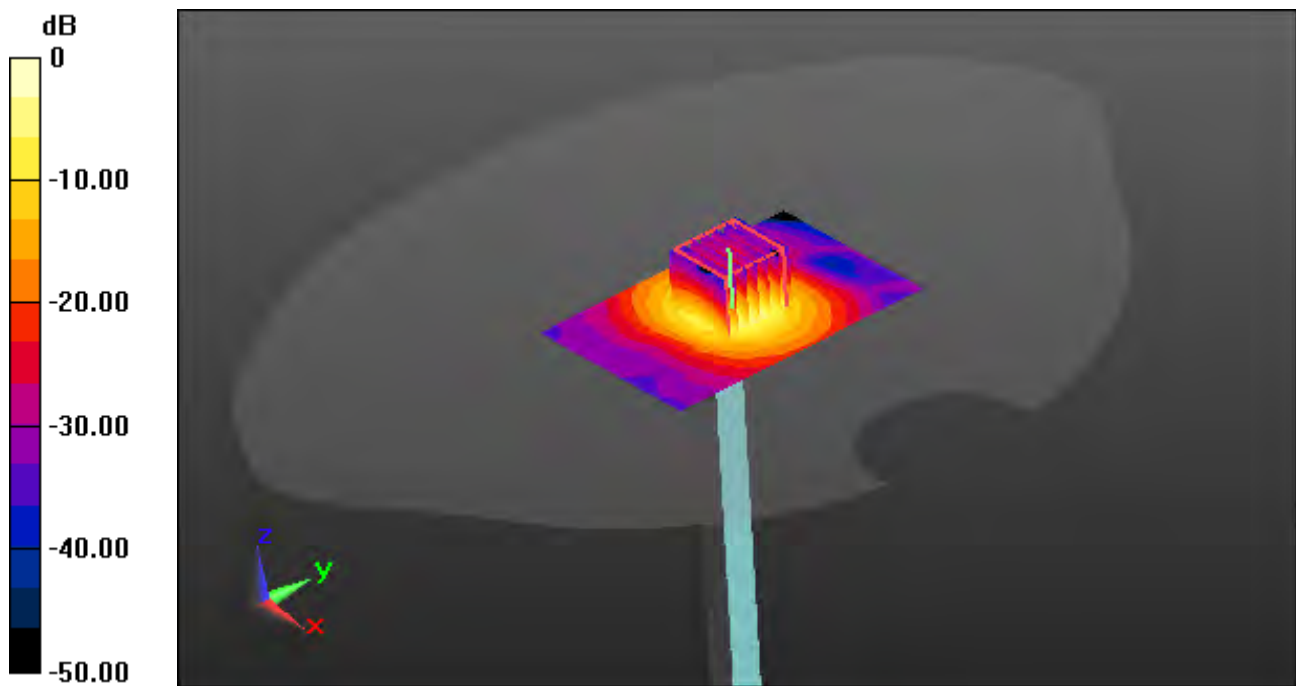
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 37.3 W/kg

SAR(1 g) = 7.81 W/kg; SAR(10 g) = 2.19 W/kg



0 dB = 16.7 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.136$ S/m; $\epsilon_r = 47.191$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

5800 MHz System Body Verification (100 mW)

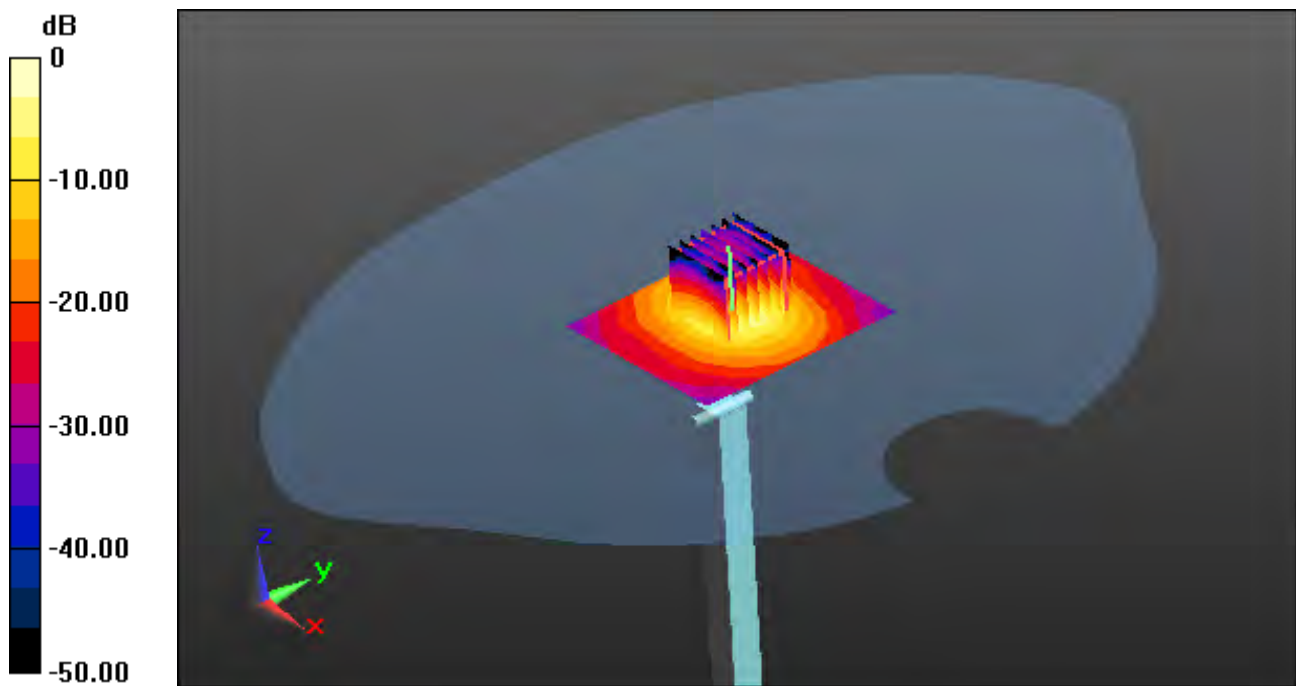
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 34.5 W/kg

SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.07 W/kg



0 dB = 18.5 W/kg

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 40.721$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-05; Ambient Temp: 21.7; Tissue Temp: 21.5

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

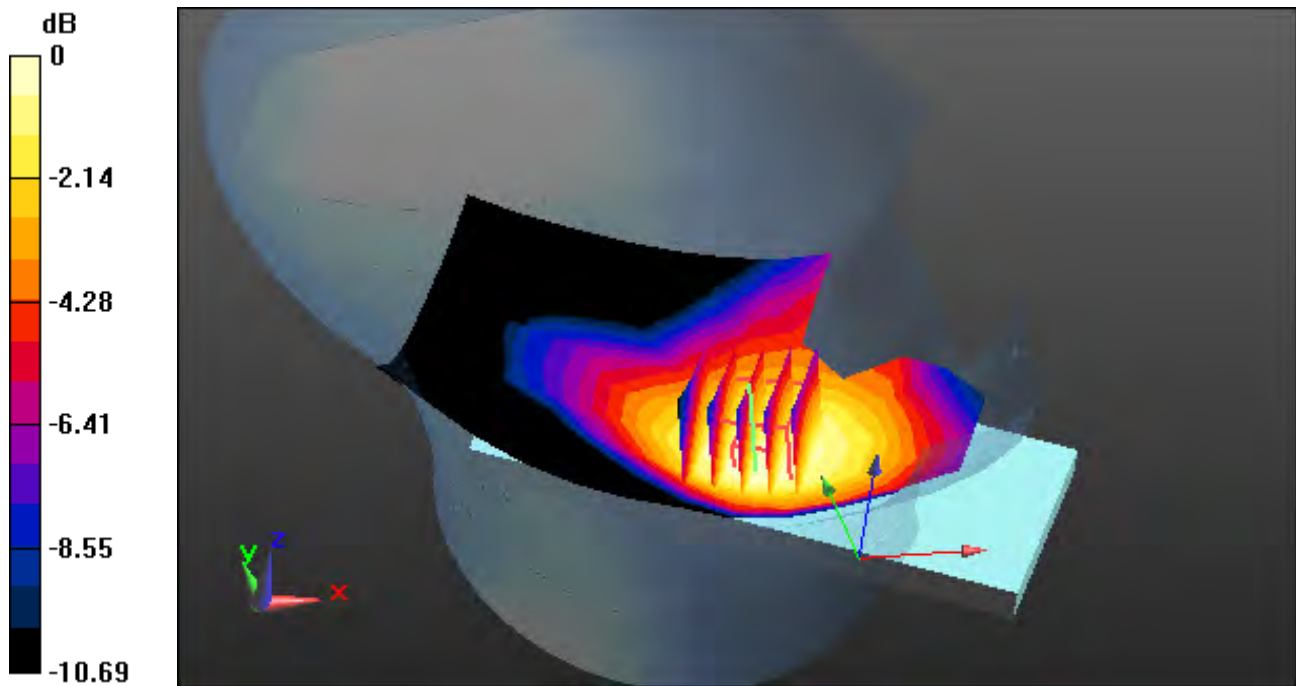
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

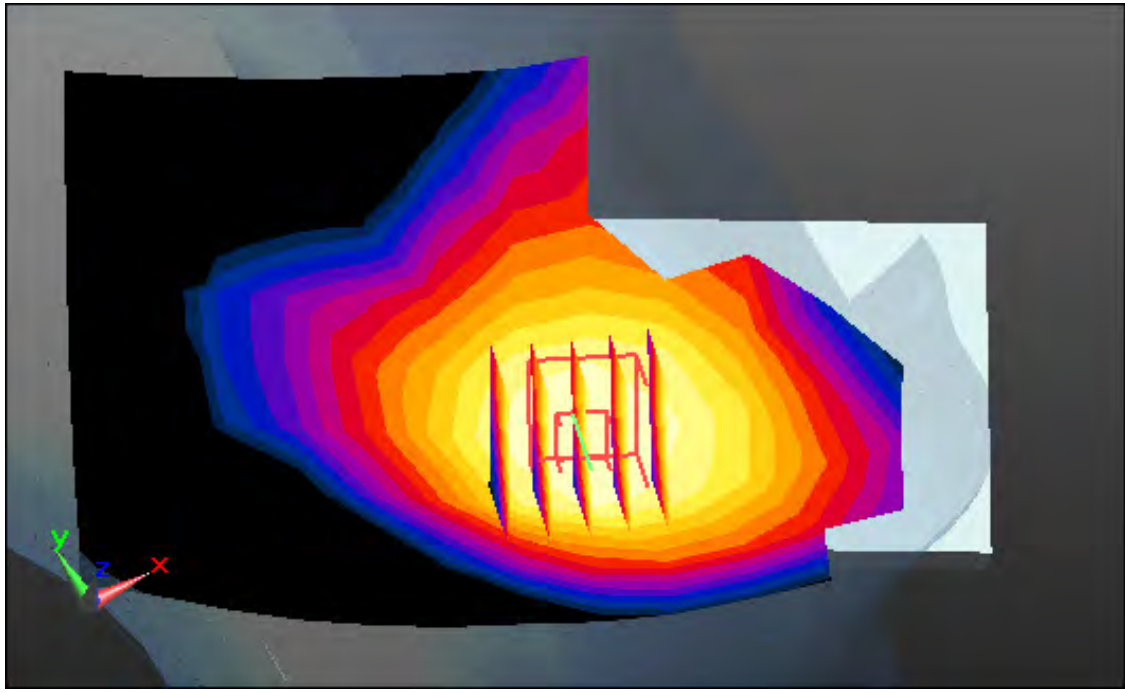
Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.0613 W/kg



Enlarged Plot for A1

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, GSM 850_4 Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 40.721$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-05; Ambient Temp: 21.7; Tissue Temp: 21.5

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

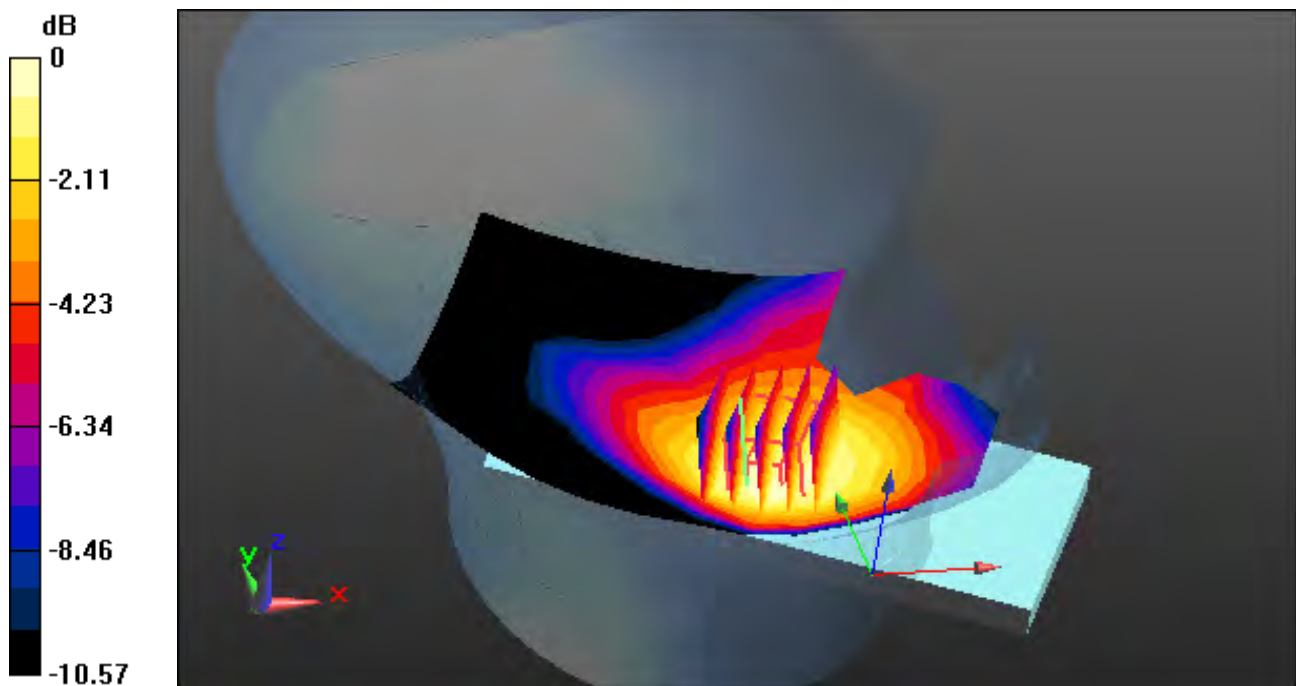
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

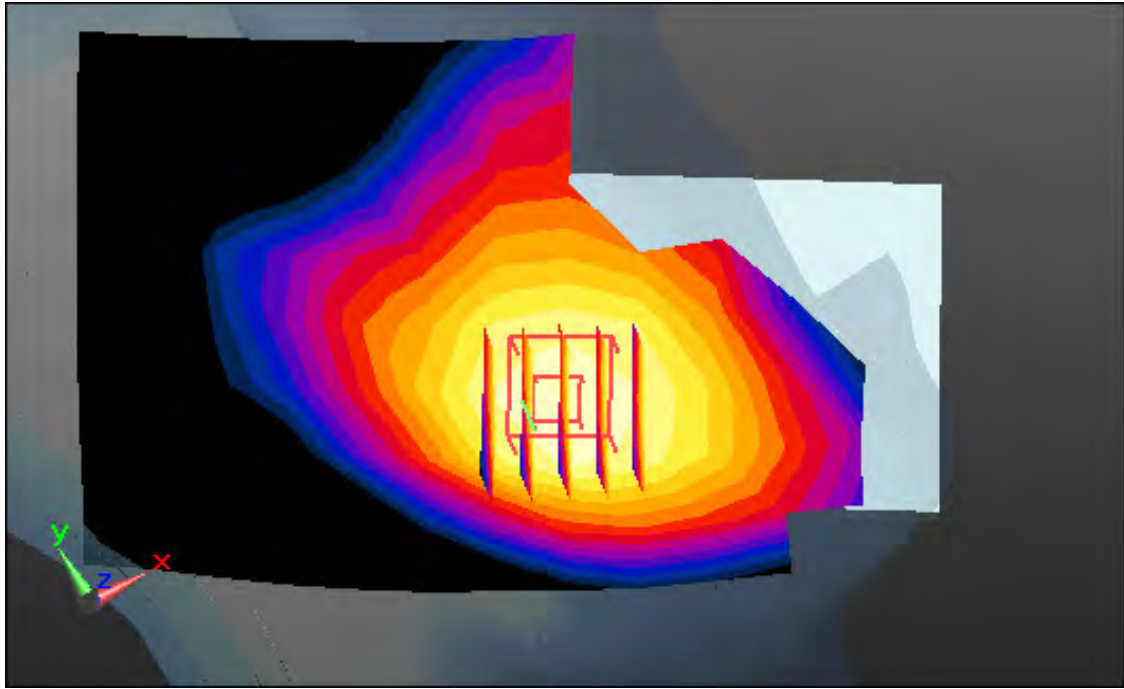
Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.0772 W/kg



Enlarge Plot for A2

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 39.502$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.2

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

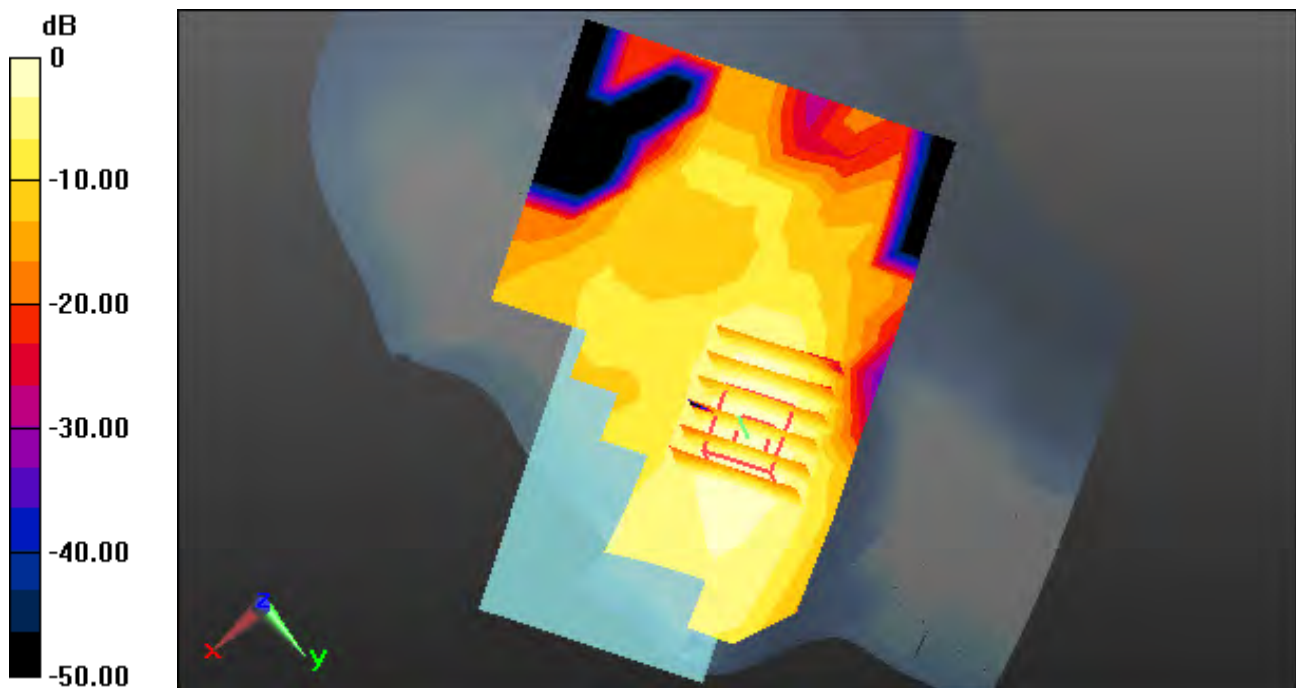
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

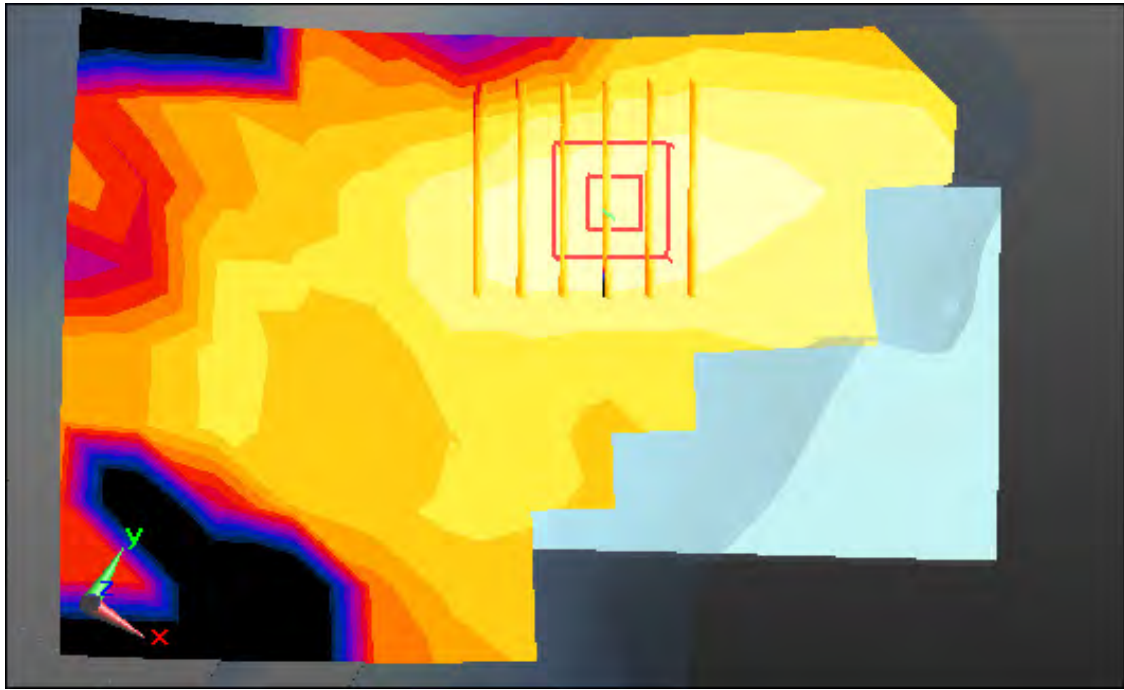
Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.0601 W/kg



Enlarged Plot for A3

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, PCS1900_4 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.502$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.2

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

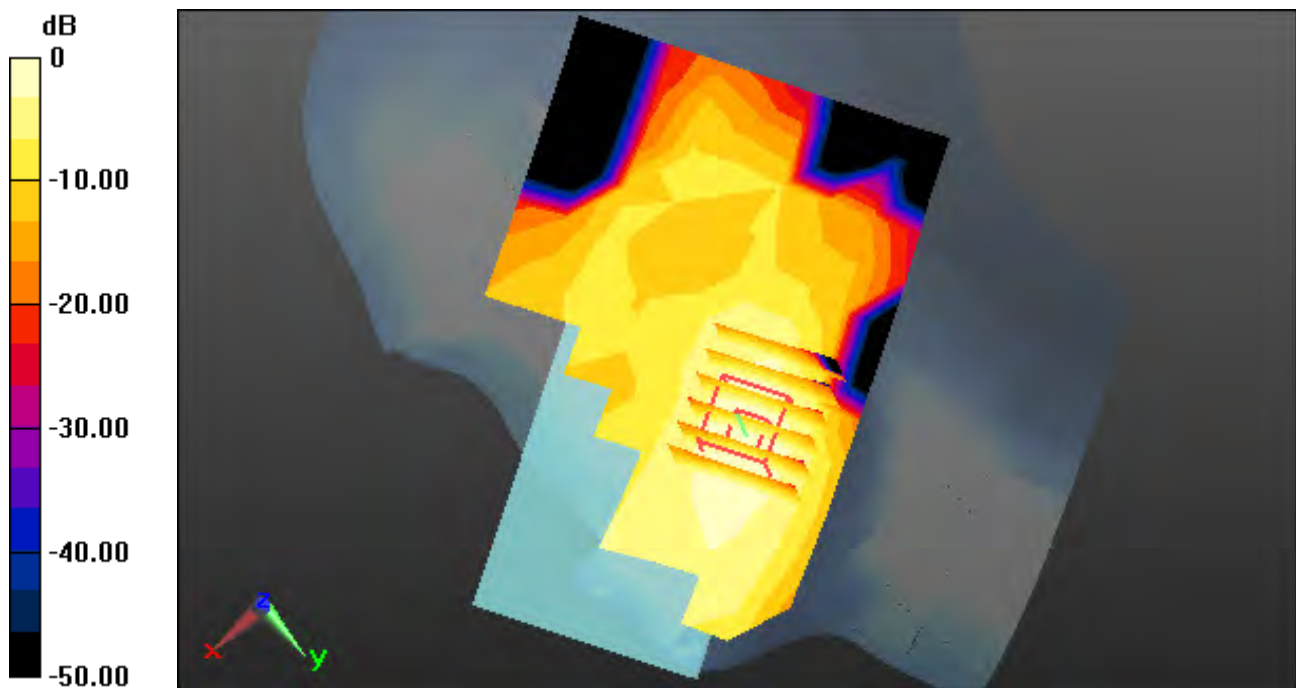
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

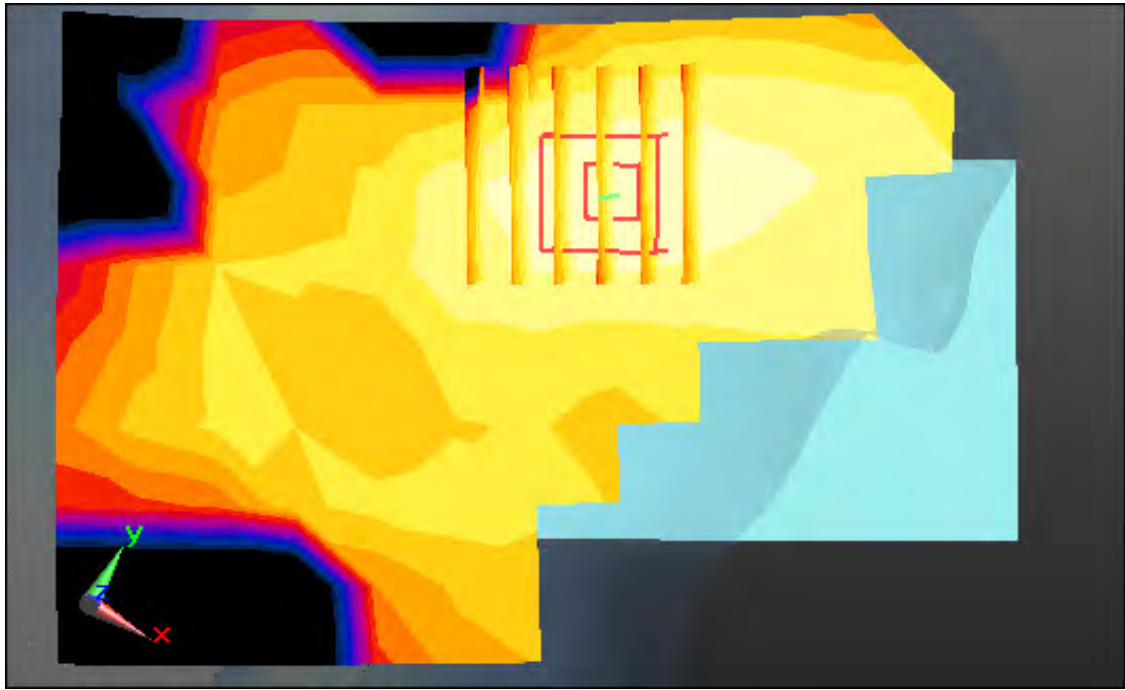
Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.040 W/kg



0 dB = 0.0904 W/kg



Enlarged Plot for A4

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 1.32$ S/m; $\epsilon_r = 40.513$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.1, 8.1, 8.1); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-08; Ambient Temp: 22.2; Tissue Temp: 21.5

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

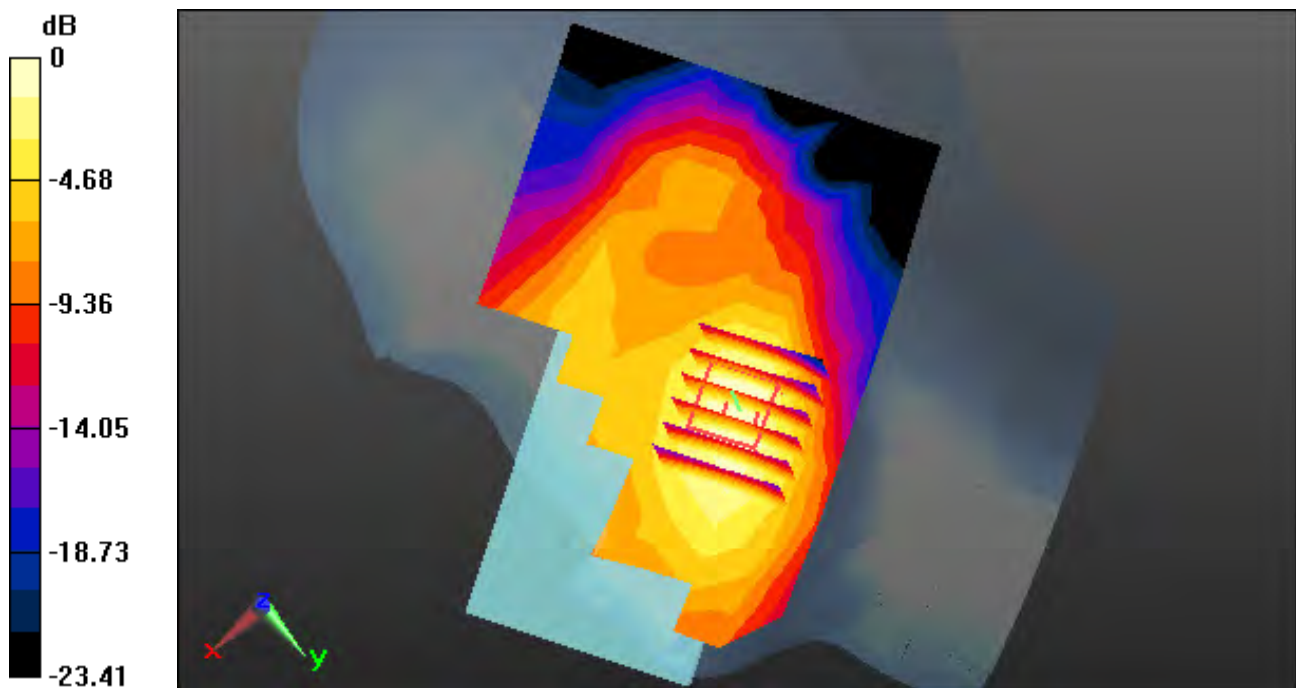
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

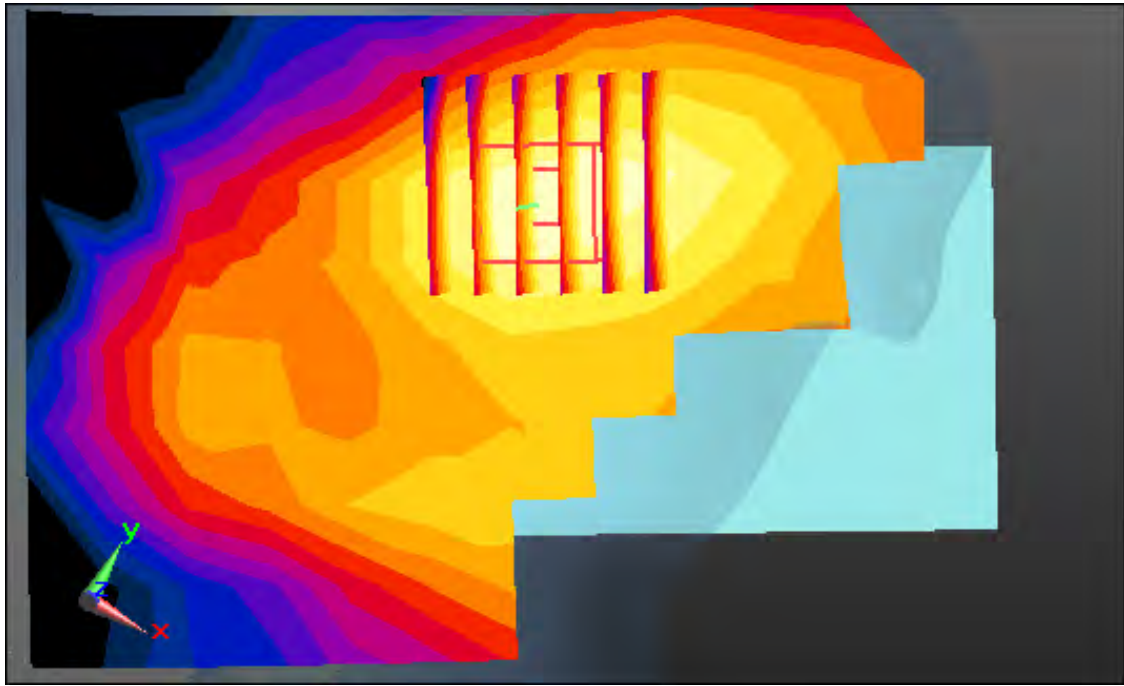
Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.117 W/kg



Enlarged Plot for A5

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.391 \text{ S/m}$; $\epsilon_r = 39.638$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-07; Ambient Temp: 21.2; Tissue Temp: 20.6

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

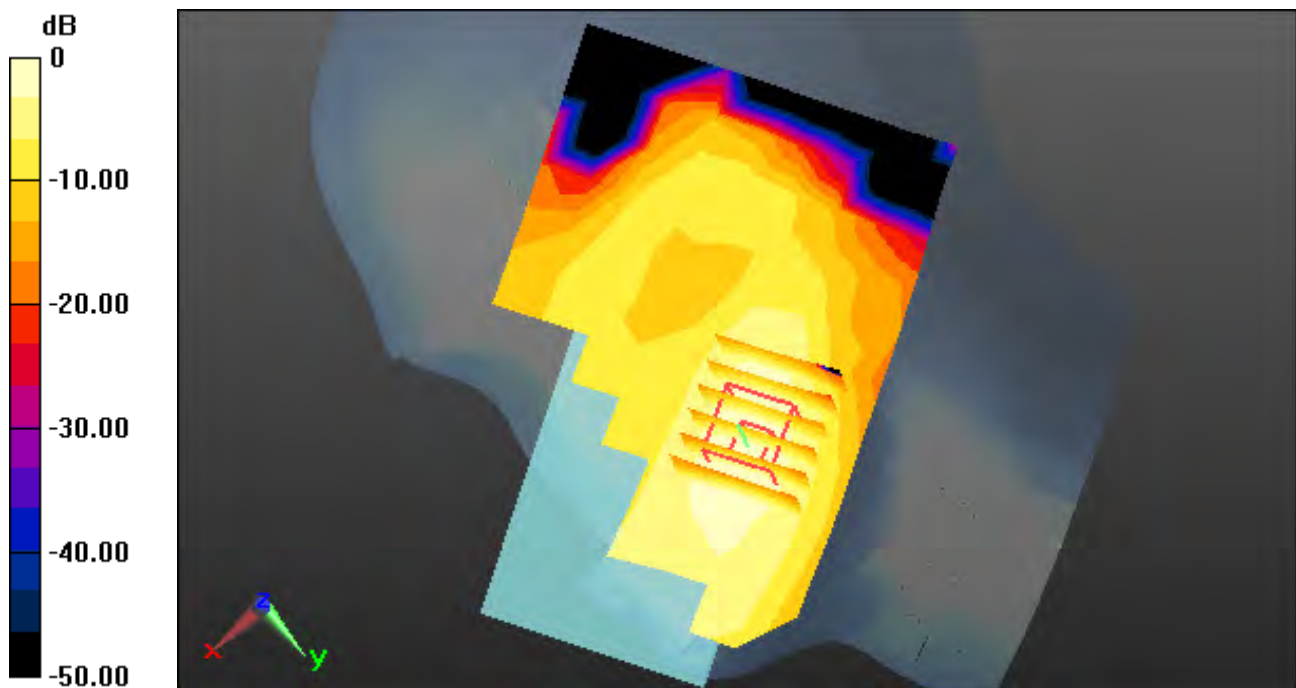
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

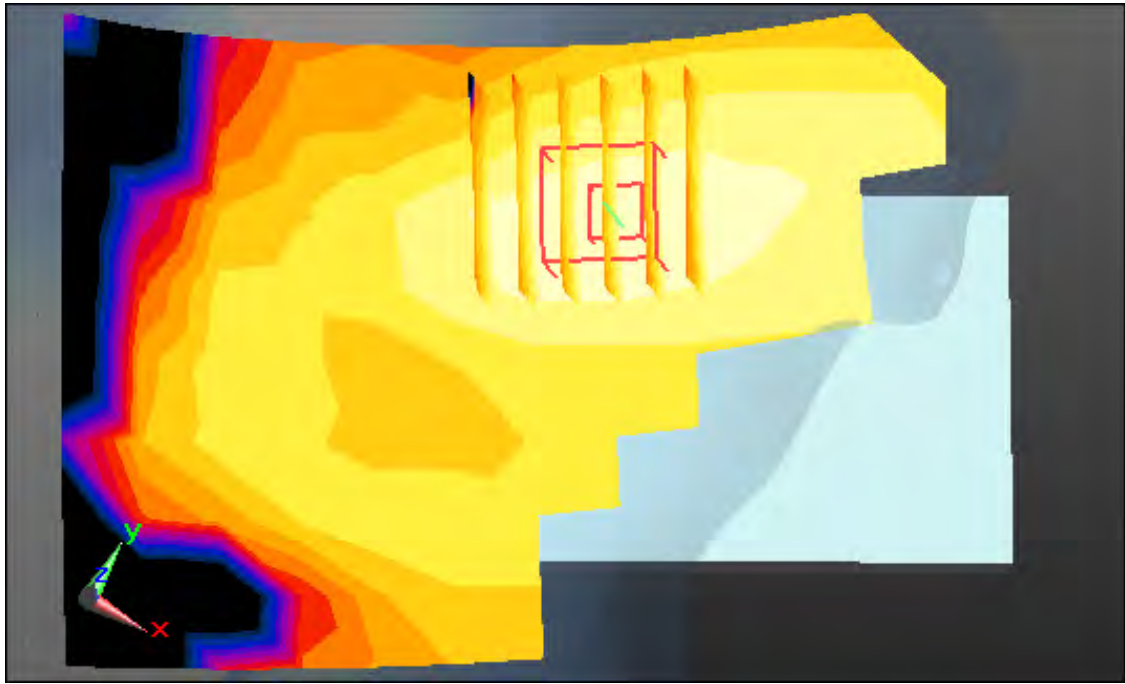
Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.108 W/kg



Enlarged Plot for A6

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, LTE Band 12 (FCC) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 43.782$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.85, 9.85, 9.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-14; Ambient Temp: 21.8; Tissue Temp: 22.2

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

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

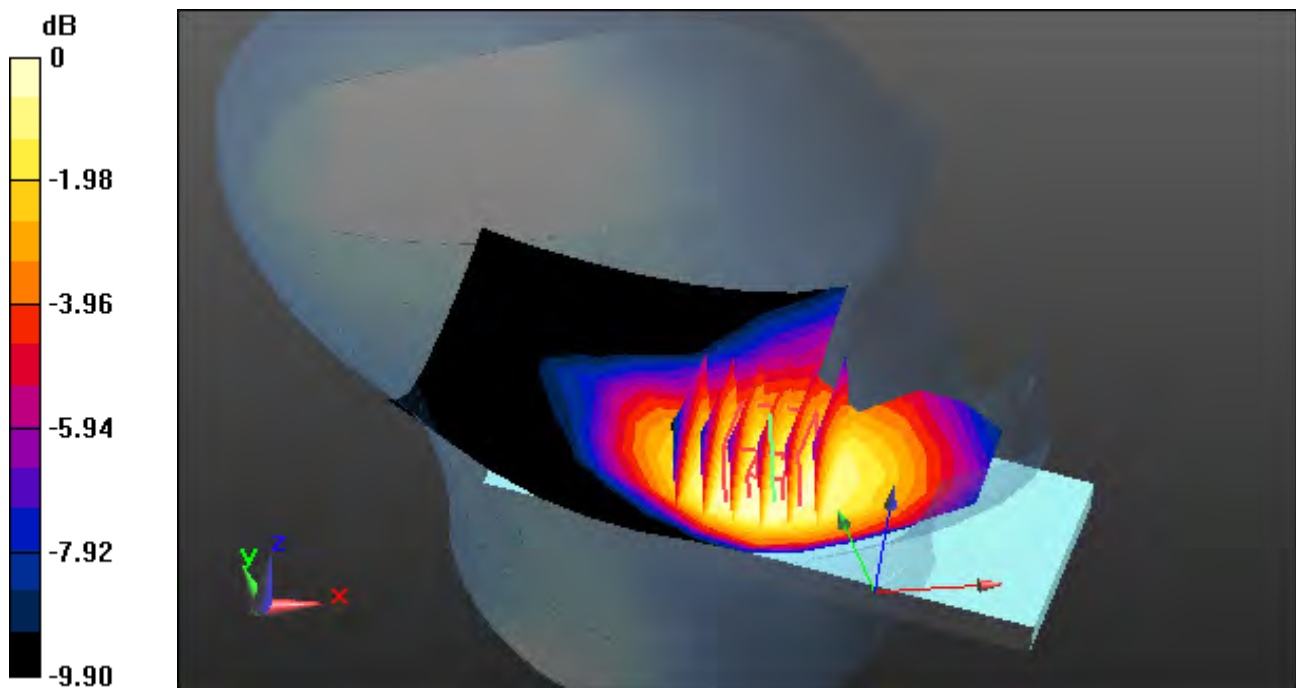
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

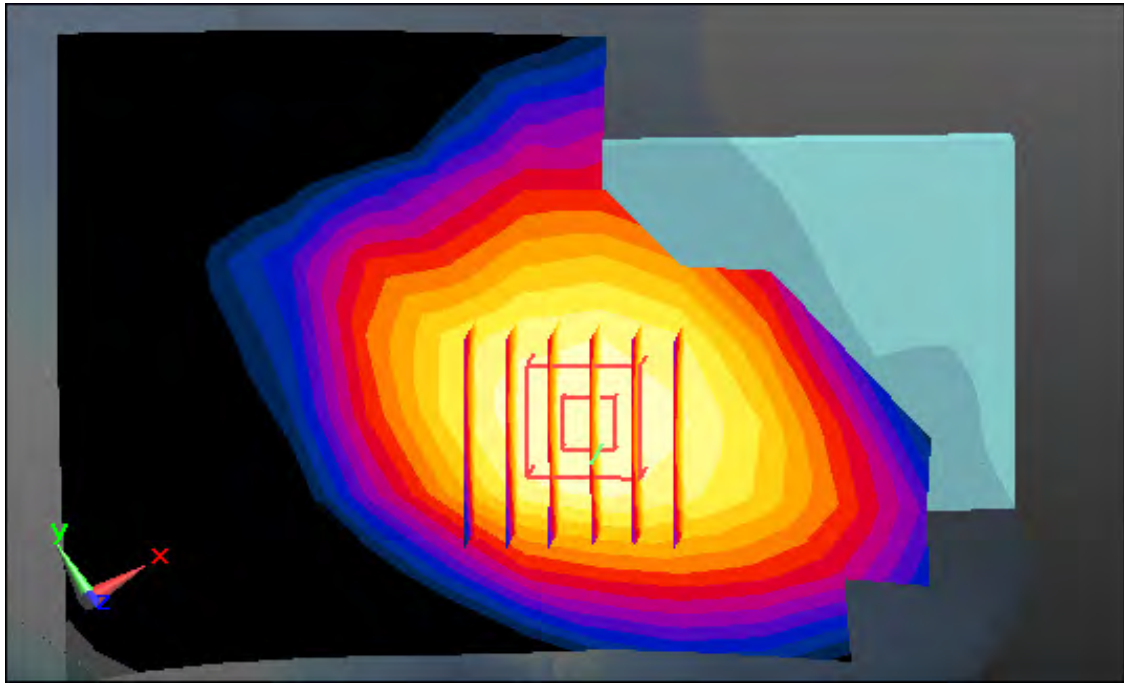
Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.102 W/kg



Enlarged Plot for A7

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.323 \text{ S/m}$; $\epsilon_r = 40.612$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.1, 8.1, 8.1); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-12; Ambient Temp: 21.7; Tissue Temp: 21.5

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

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

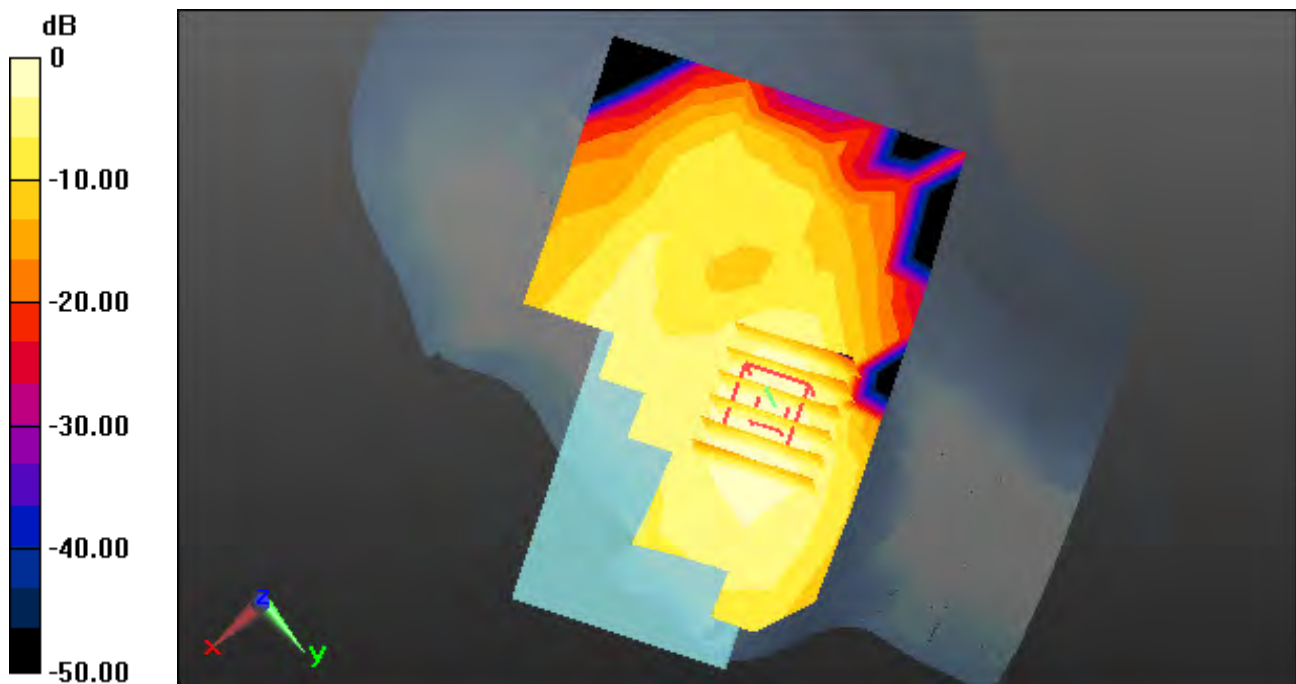
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

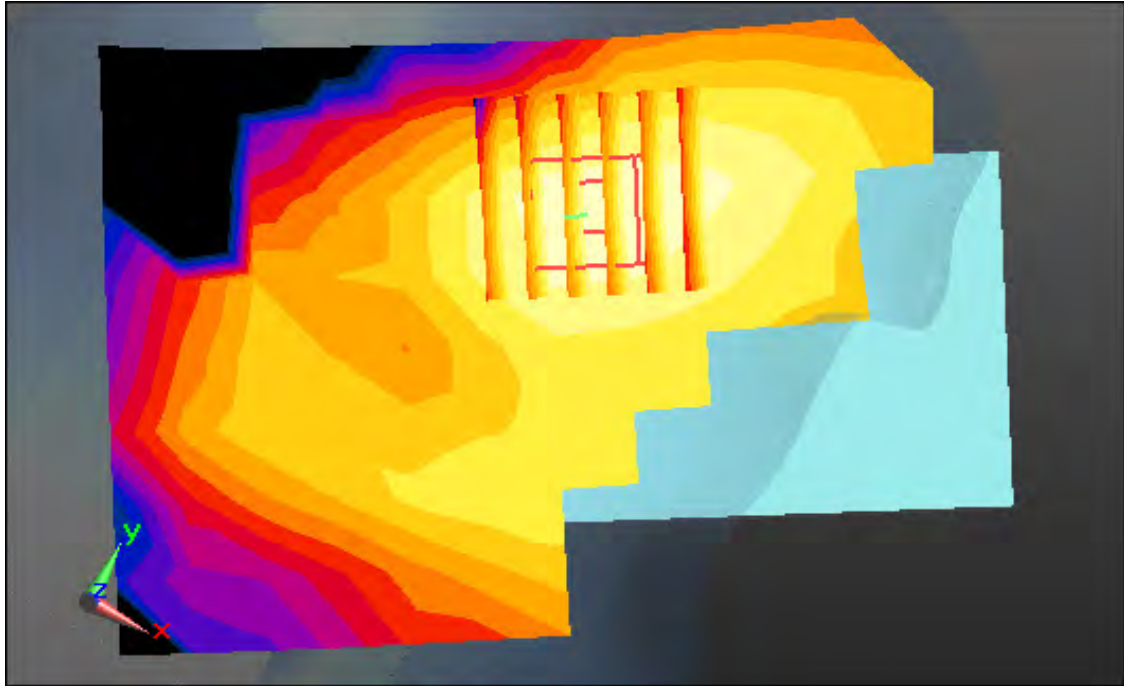
Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.110 W/kg



Enlarge Plot for A8

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.392 \text{ S/m}$; $\epsilon_r = 39.67$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-09; Ambient Temp: 21.9; Tissue Temp: 21.9

Right Touch, LTE Band 2 Ch. 18900, Ant Internal, Standard Battery

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

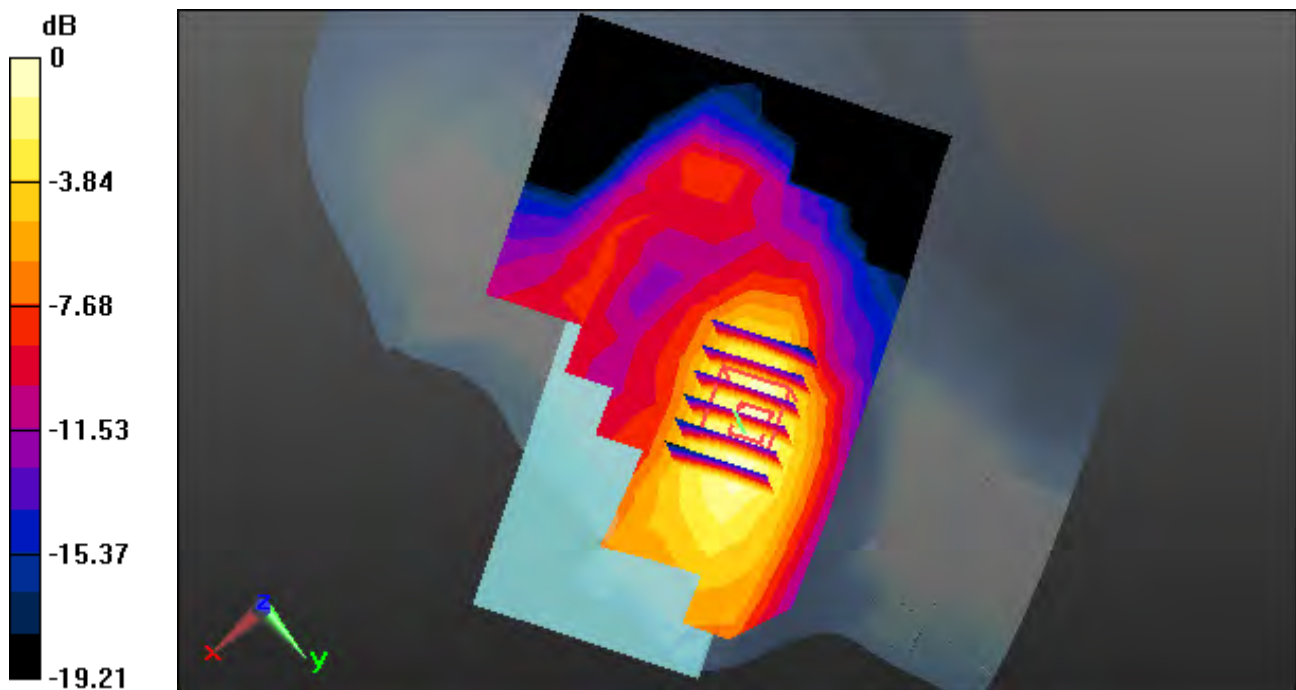
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

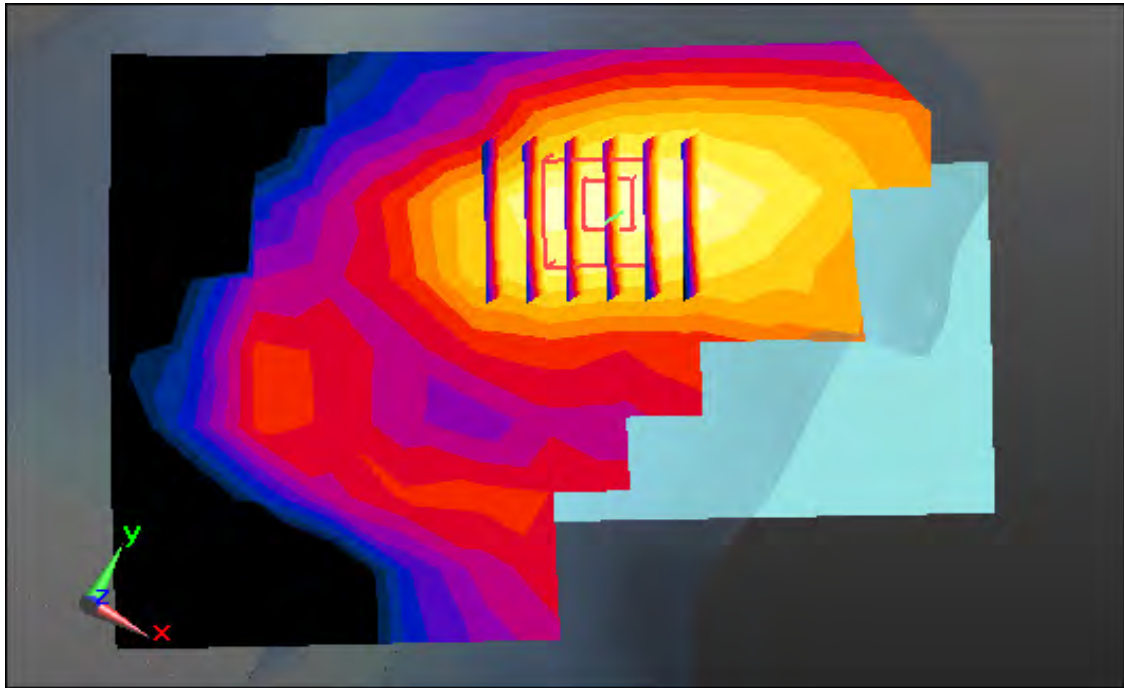
Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.050 W/kg



0 dB = 0.109 W/kg



Enlarge Plot for A9

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 1.904$ S/m; $\epsilon_r = 40.078$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.03, 7.03, 7.03); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-13; Ambient Temp: 22.0; Tissue Temp: 21.9

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

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

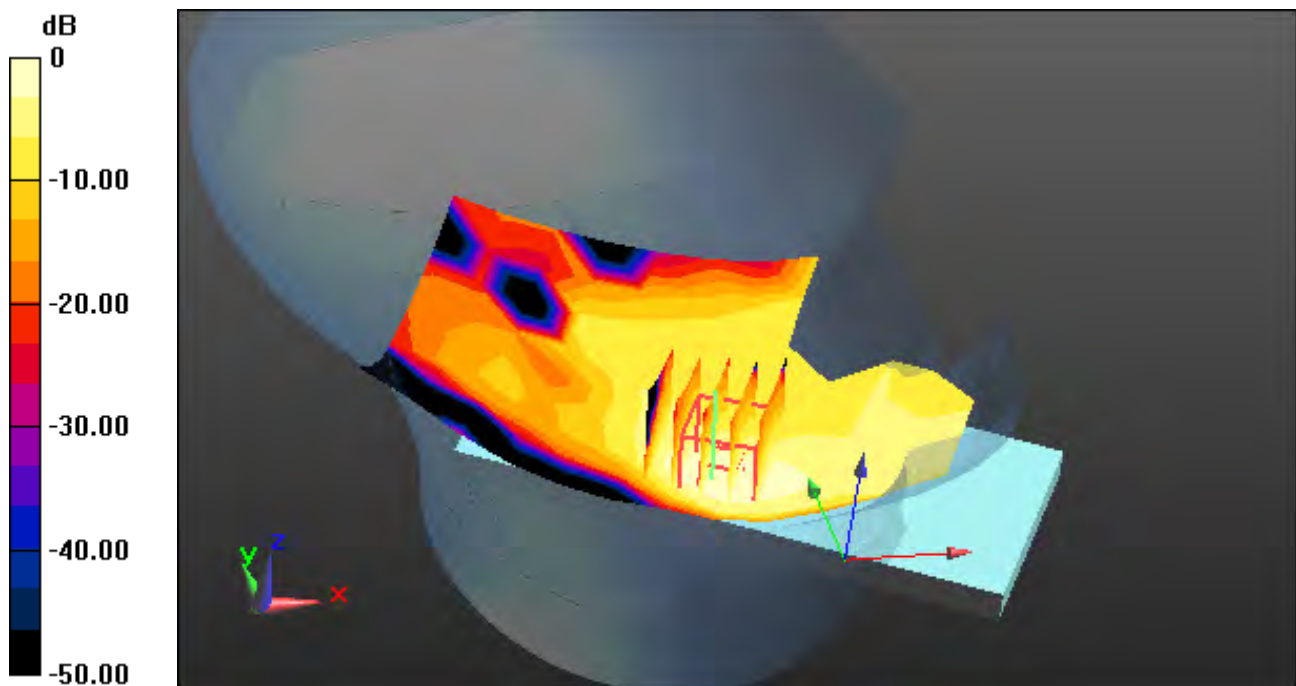
Area Scan (9x14x1): Measurement grid: dx=12mm, dy=12mm

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

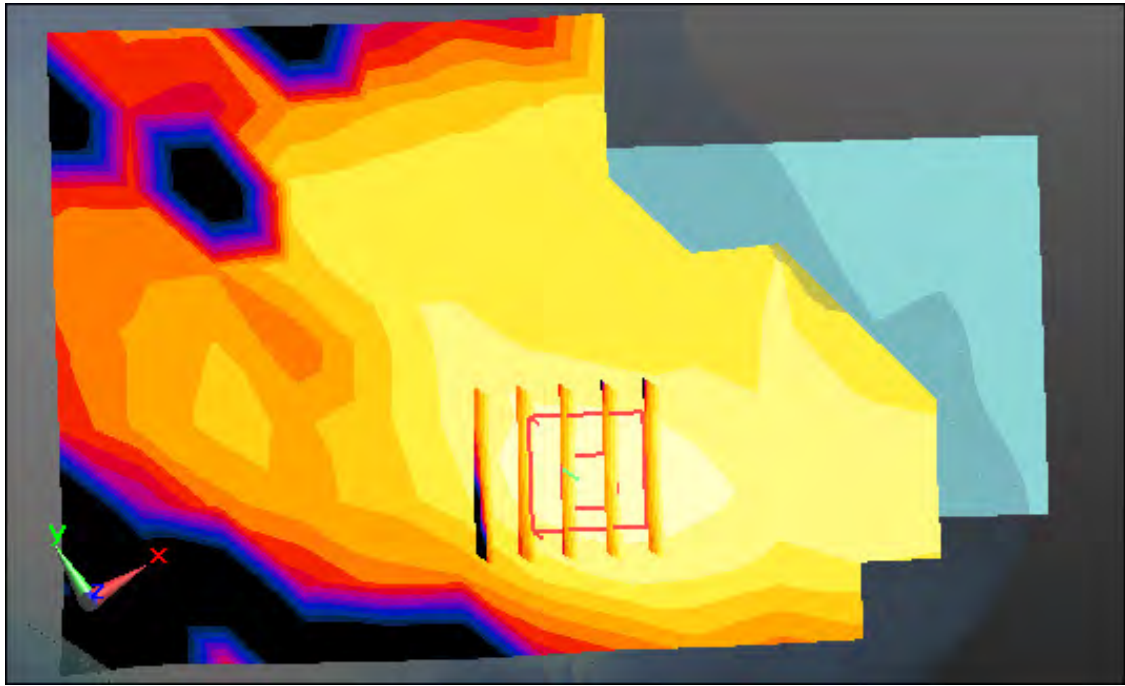
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.134 W/kg



Enlarged Plot for A10

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.835 \text{ S/m}$; $\epsilon_r = 38.978$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.2

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

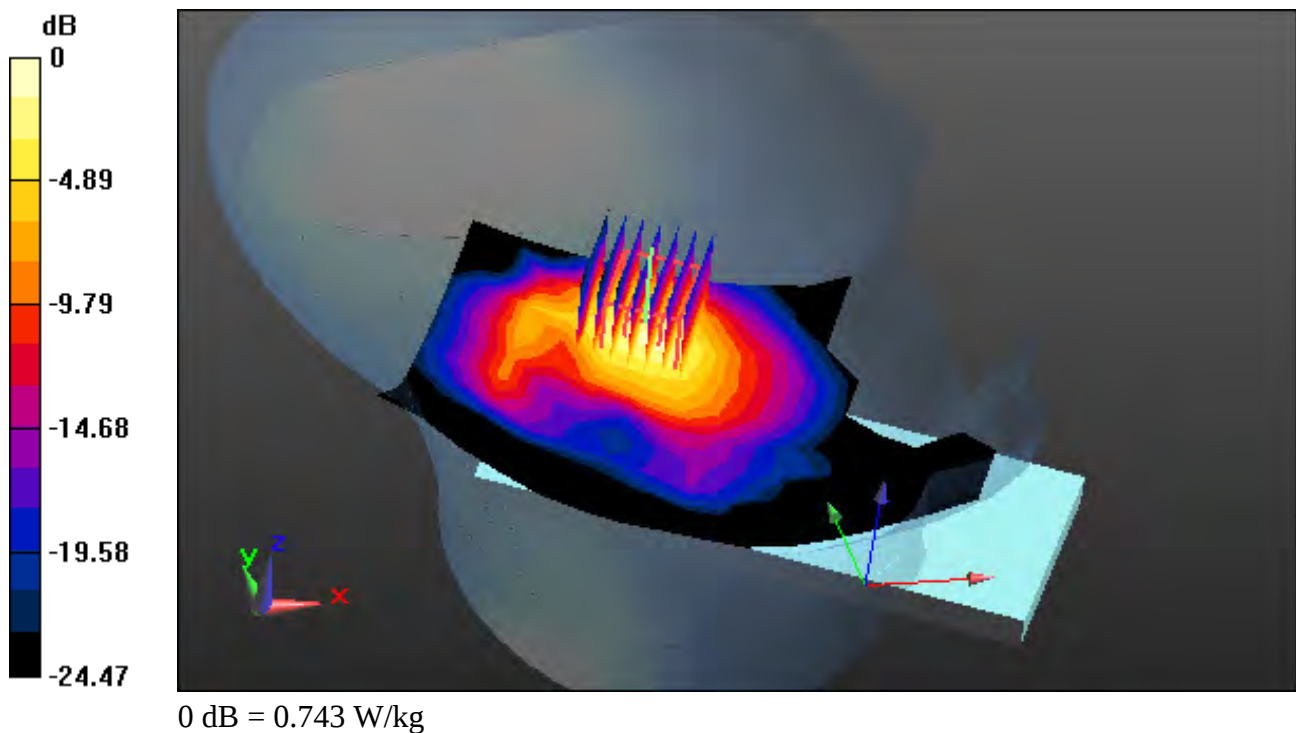
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

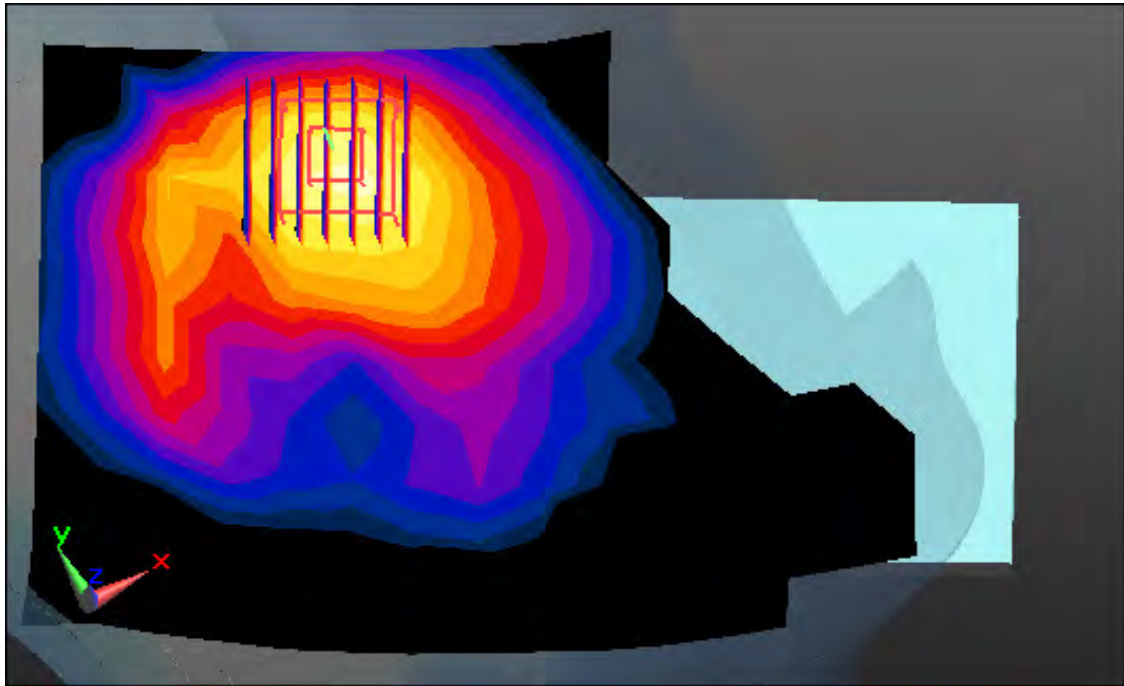
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.197 W/kg





Enlarge Plot for A11

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.835 \text{ S/m}$; $\epsilon_r = 38.978$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.2

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

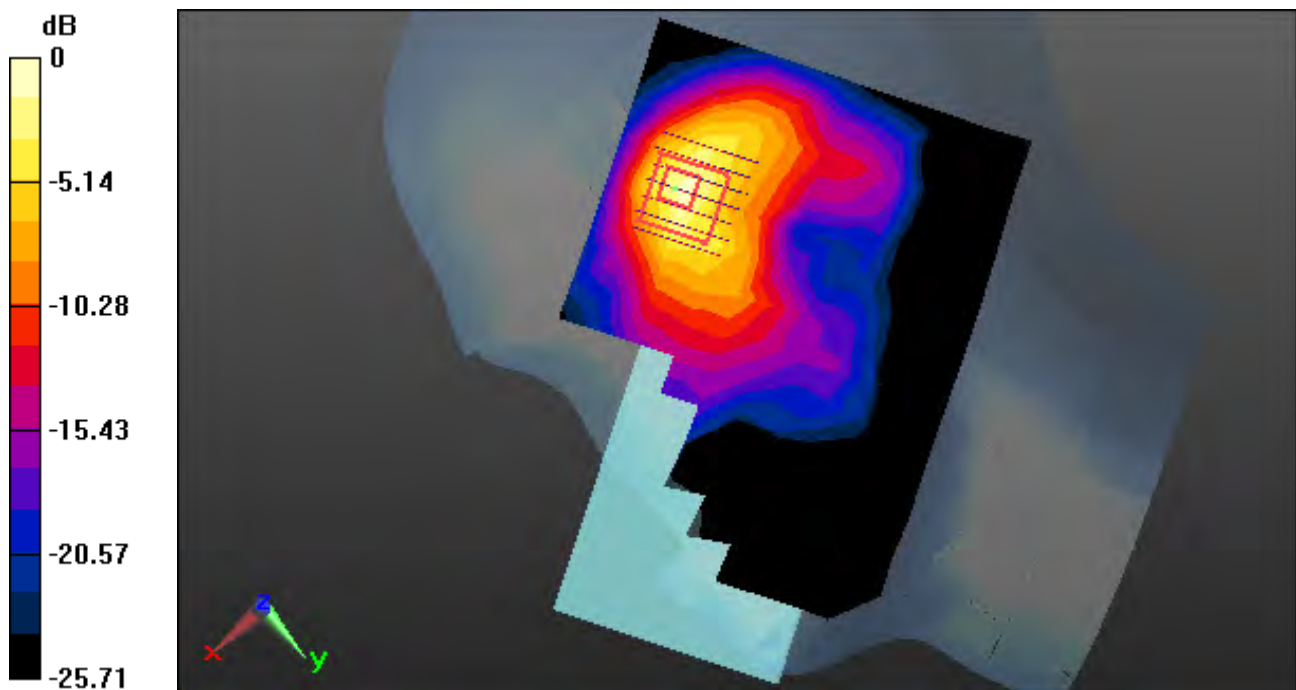
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

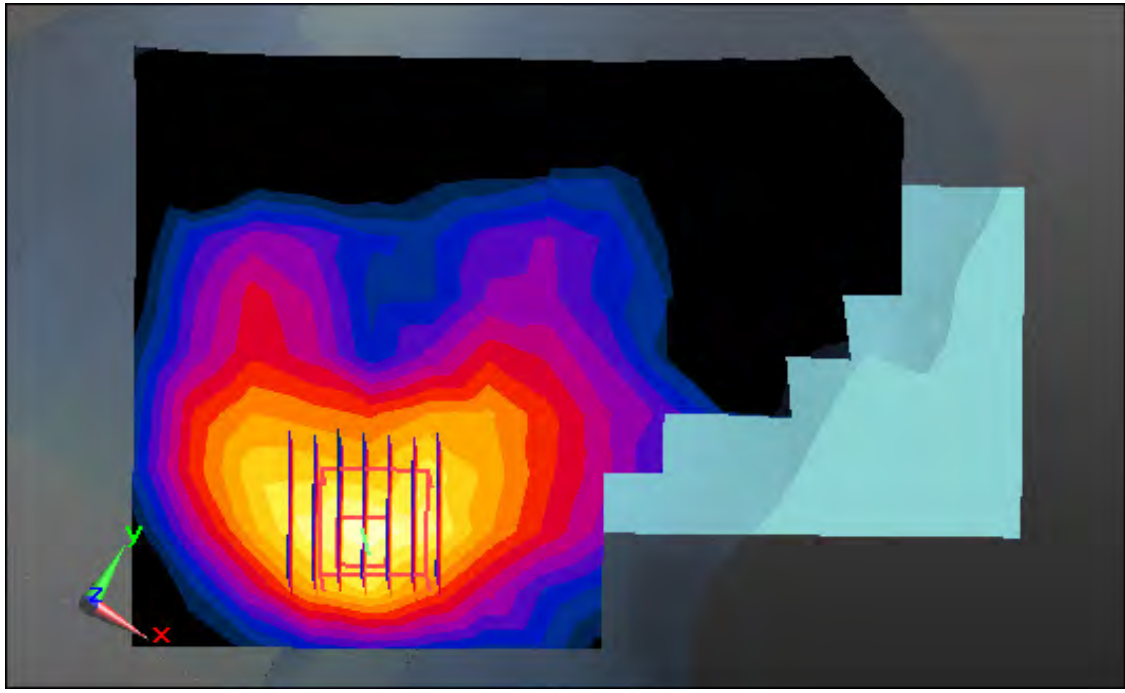
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.229 W/kg



0 dB = 0.956 W/kg



Enlarged Plot for A12

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.835 \text{ S/m}$; $\epsilon_r = 38.978$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.2

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

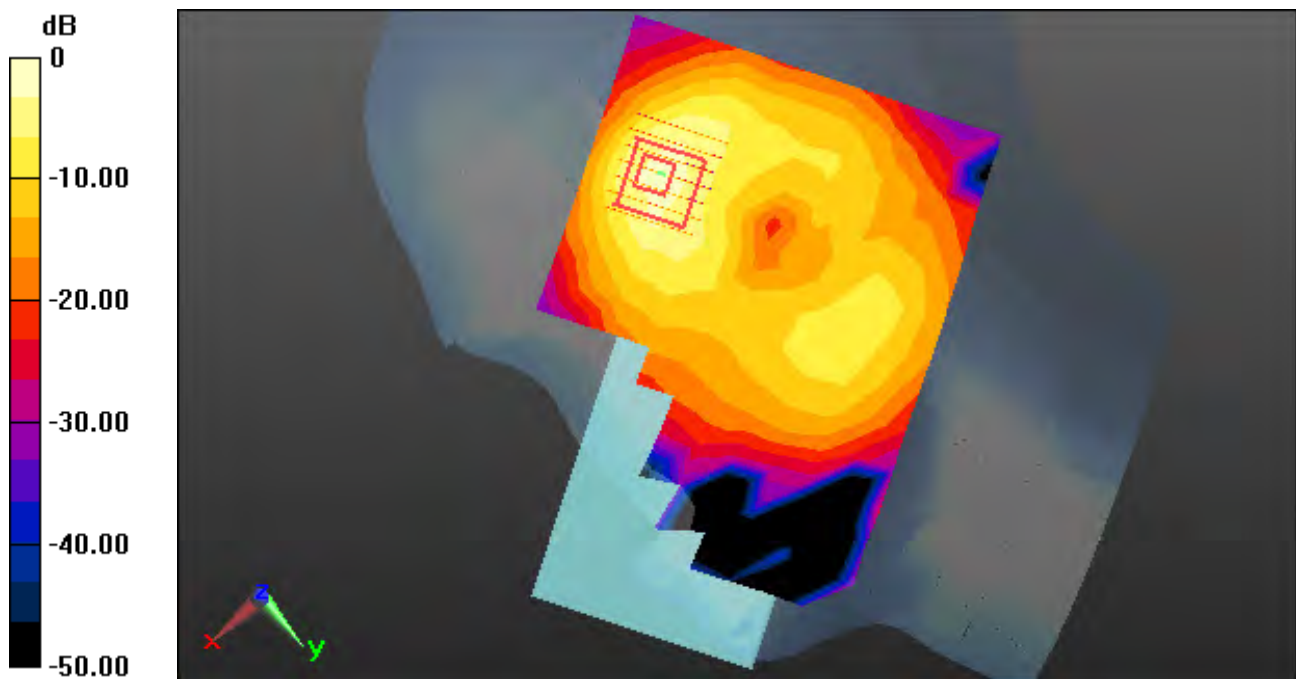
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

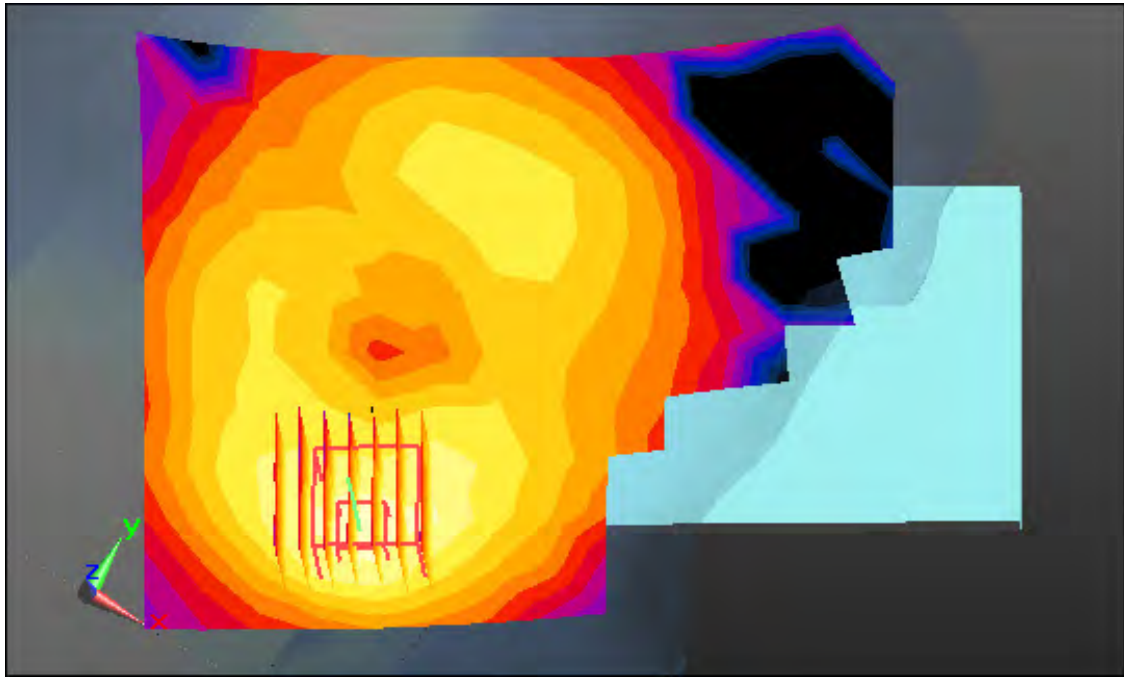
Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.512 W/kg ; SAR(10 g) = 0.205 W/kg



0 dB = 0.891 W/kg



Enlarged Plot for A13

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.62 \text{ S/m}$; $\epsilon_r = 36.532$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-26; Ambient Temp: 21.5; Tissue Temp: 21.9

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

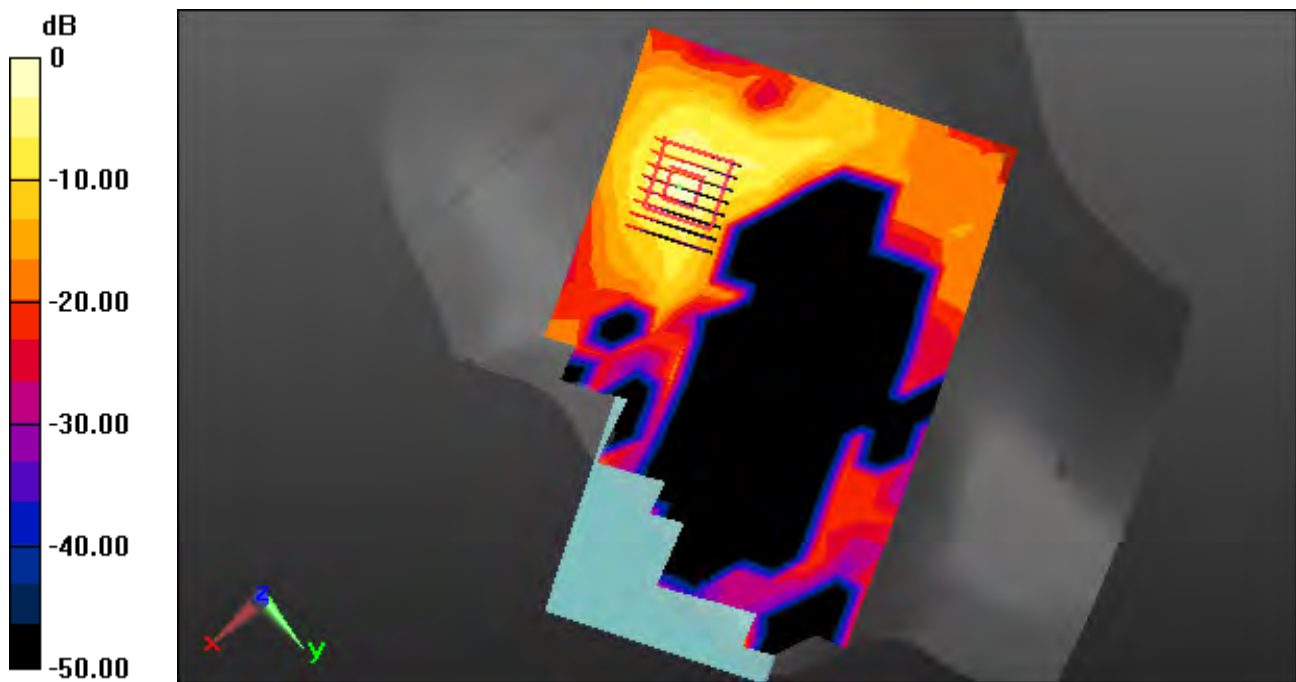
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

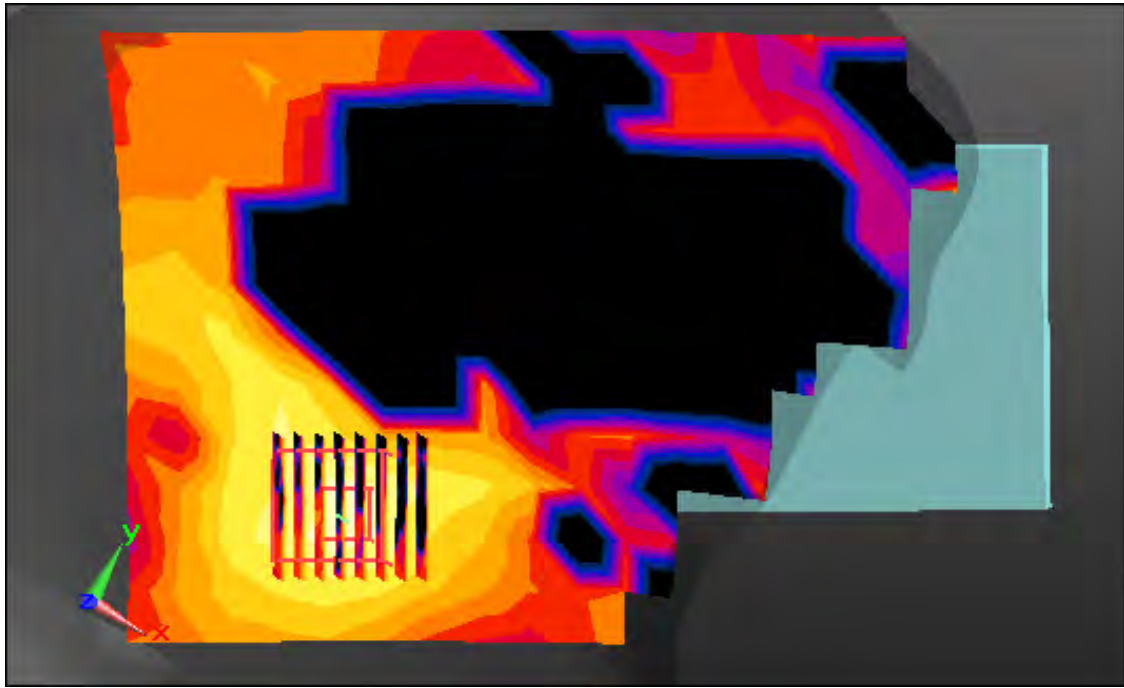
Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.500 W/kg



Enlarged Plot for A14

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.644 \text{ S/m}$; $\epsilon_r = 36.493$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-26; Ambient Temp: 21.5; Tissue Temp: 21.9

Right Touch, WLAN(802.11a) Ch. 64, Ant Internal, Standard Battery, Ant.2

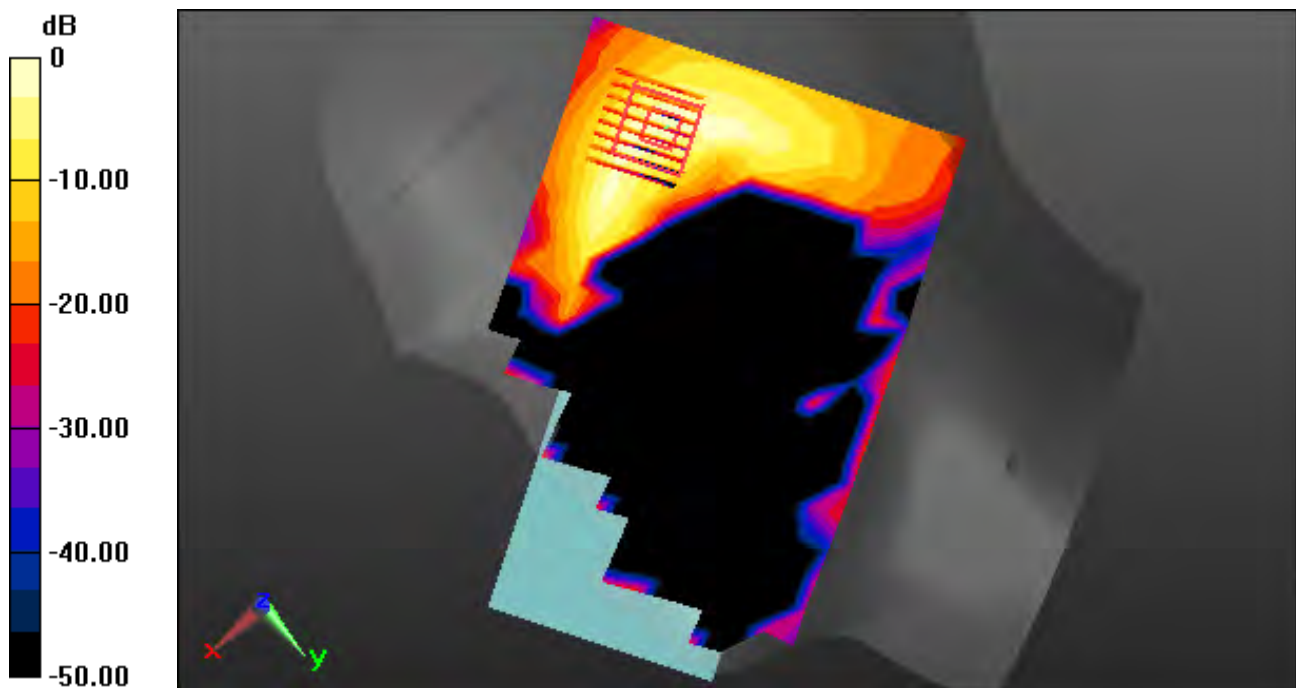
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

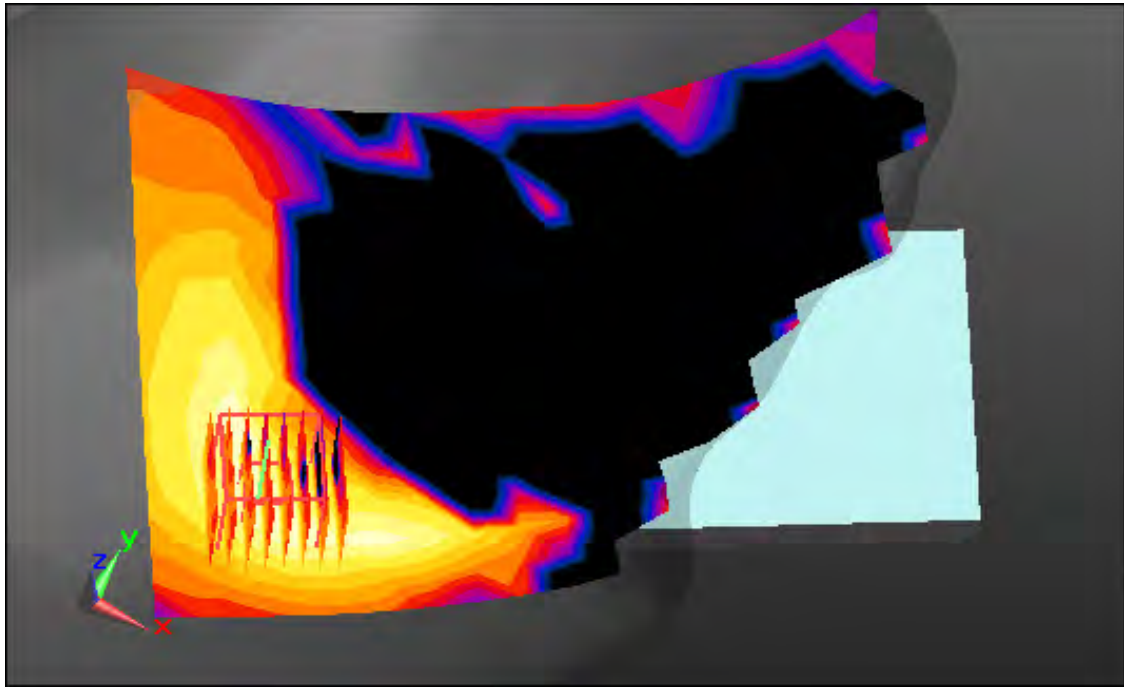
Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.683 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.049 W/kg



0 dB = 0.418 W/kg



Enlarged Plot for A15

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.644 \text{ S/m}$; $\epsilon_r = 36.493$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.13, 5.13, 5.13); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-26; Ambient Temp: 21.5; Tissue Temp: 21.9

Right Touch, WLAN(802.11a) Ch. 64, Ant Internal, Standard Battery, MIMO

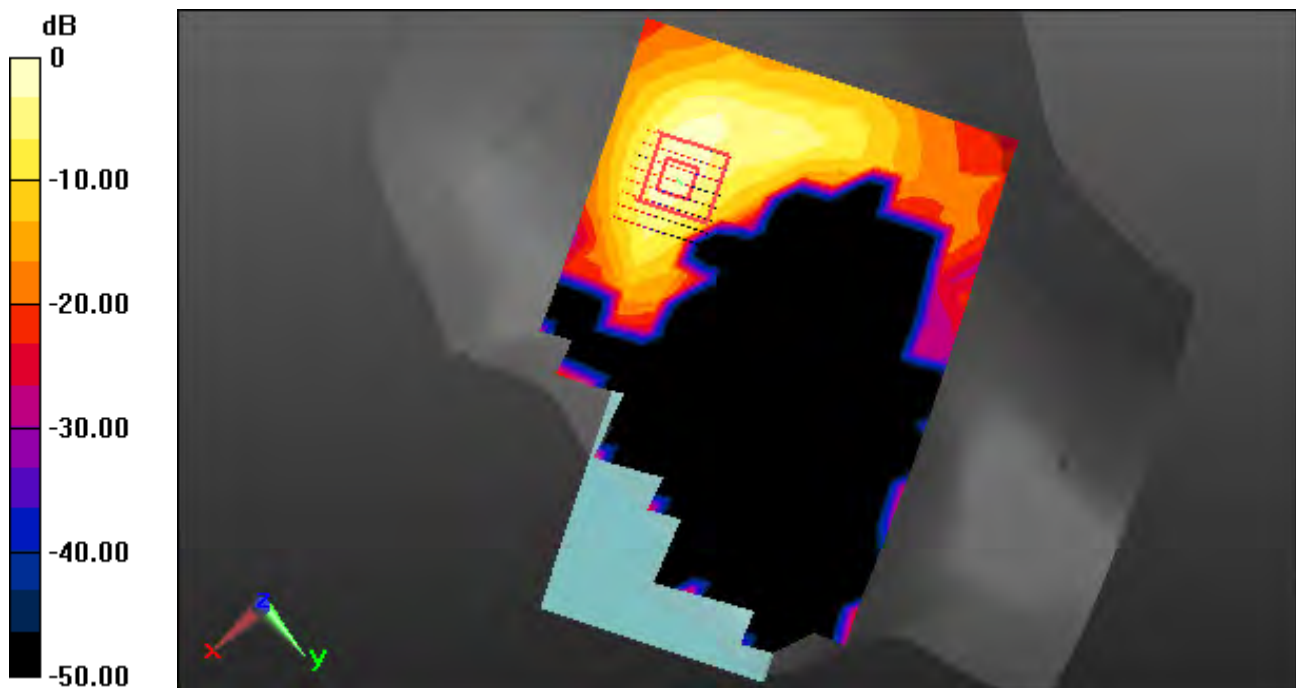
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

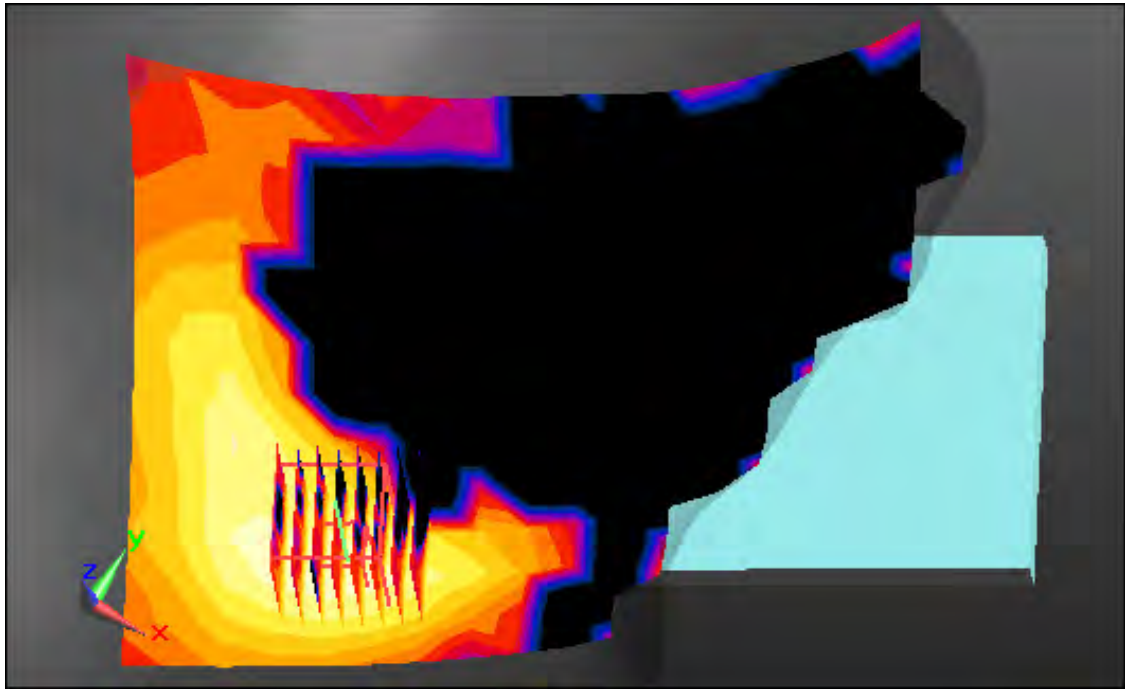
Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.083 W/kg



0 dB = 0.736 W/kg



Enlarged Plot for A16

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.08 \text{ S/m}$; $\epsilon_r = 35.594$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.91, 4.91, 4.91); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-27; Ambient Temp: 21.8; Tissue Temp: 21.5

Right Touch, WLAN(802.11a) Ch. 132, Ant Internal, Standard Battery, Ant.1

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

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

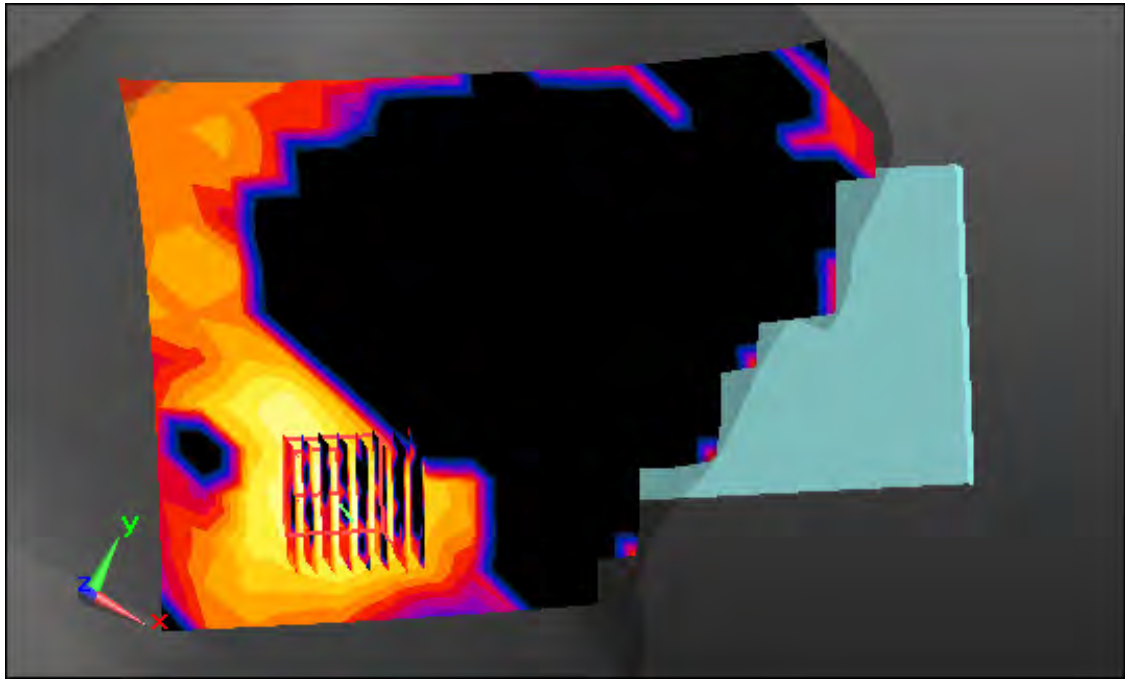
Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.596 W/kg

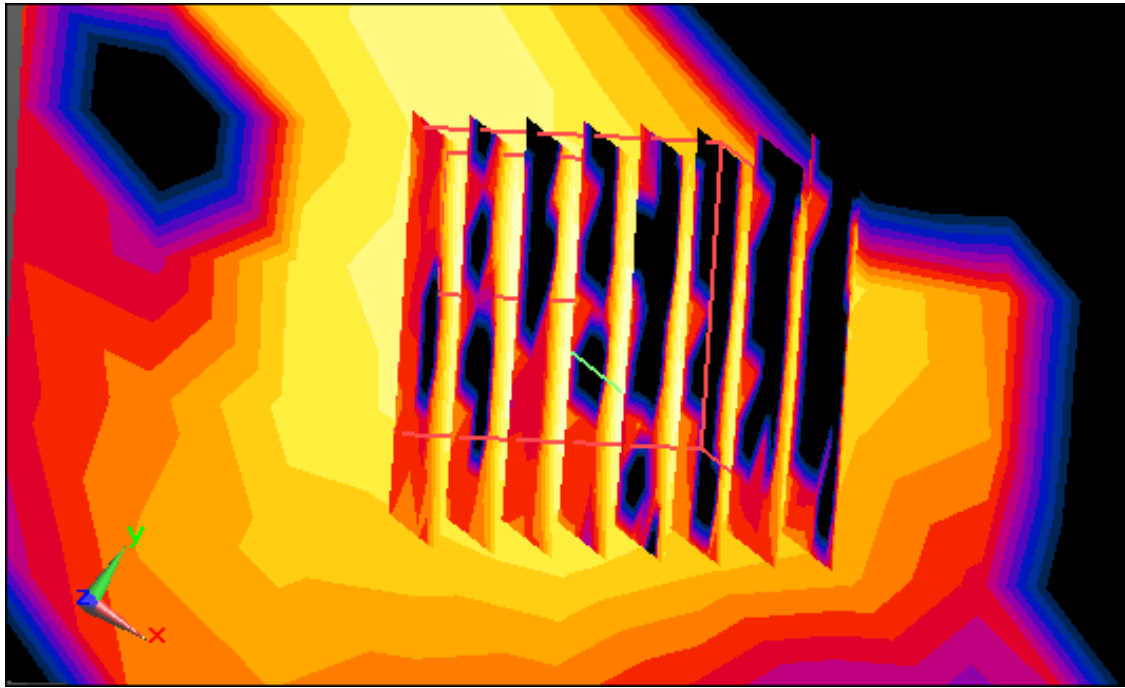
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.037 W/kg



0 dB = 0.351 W/kg



Enlarged Plot for A17



Enlarged Plot for A17

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.144 \text{ S/m}$; $\epsilon_r = 35.508$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-27; Ambient Temp: 21.8; Tissue Temp: 21.5

Right Tilt, WLAN(802.11a) Ch. 144, Ant Internal, Standard Battery, Ant.2

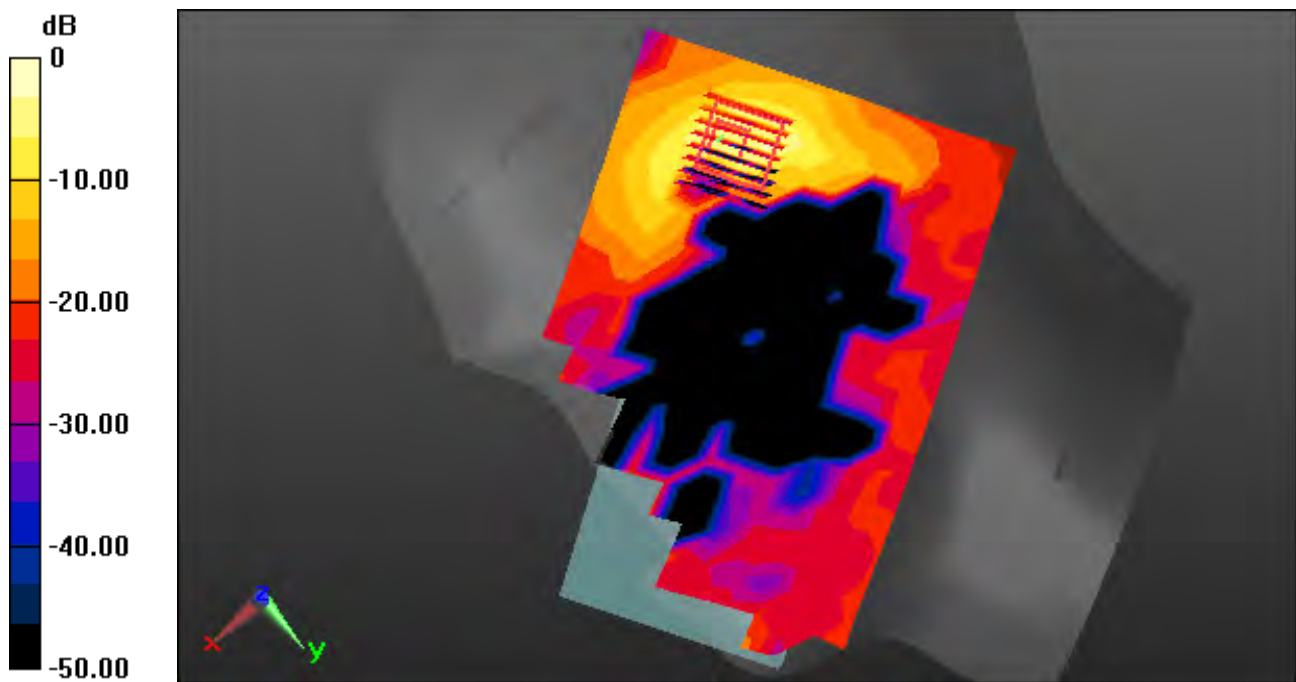
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

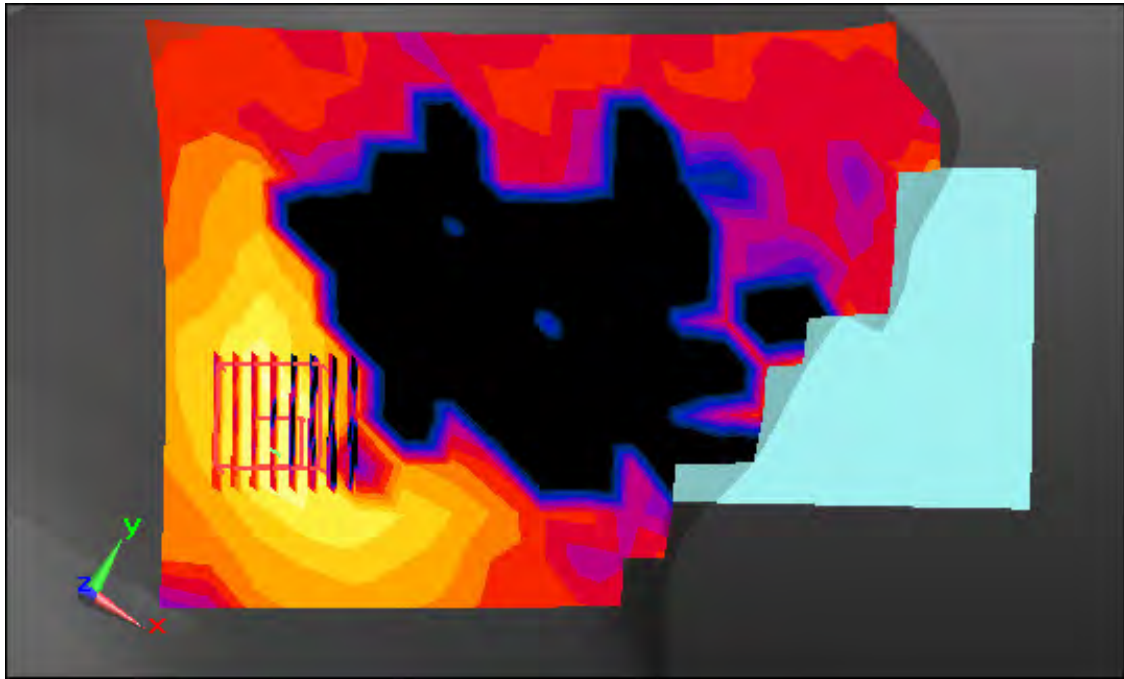
Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.089 W/kg



0 dB = 1.01 W/kg



Enlarged Plot for A18

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.08 \text{ S/m}$; $\epsilon_r = 35.594$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.91, 4.91, 4.91); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-27; Ambient Temp: 21.8; Tissue Temp: 21.5

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

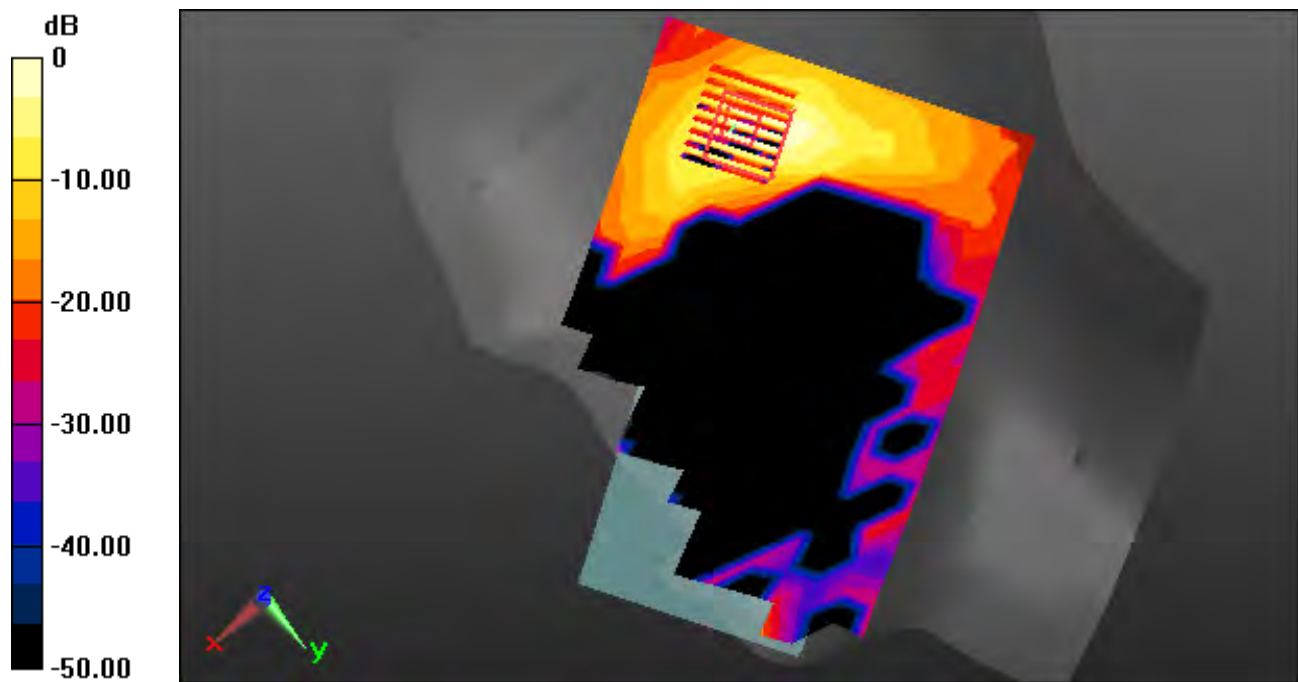
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

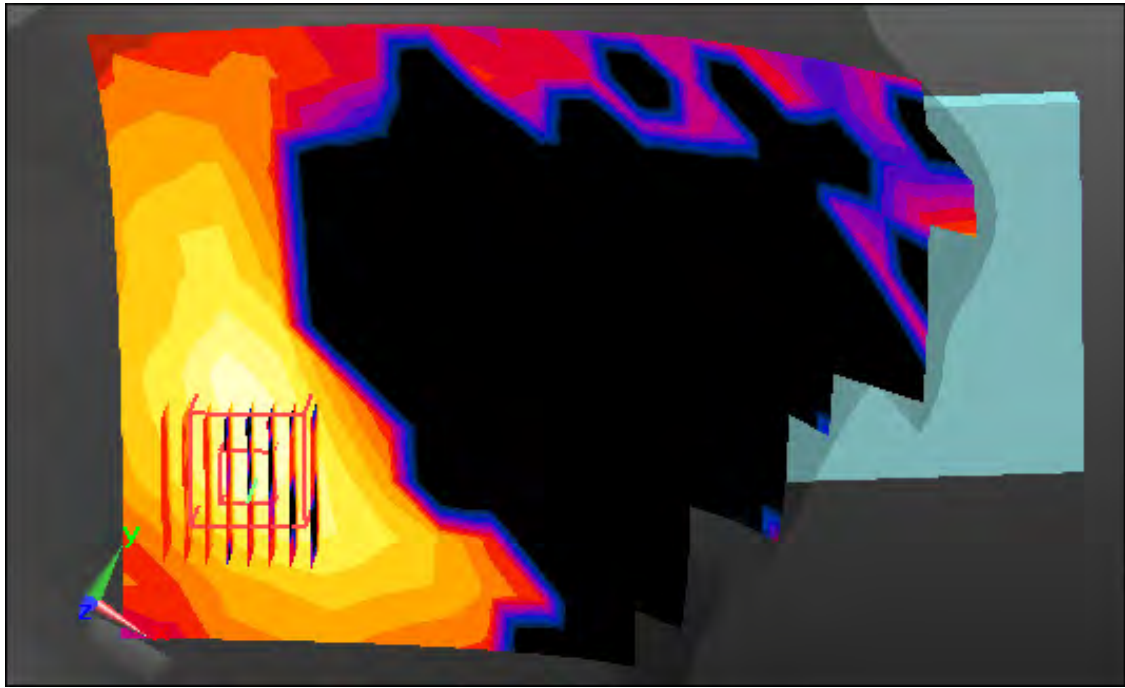
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.105 W/kg



0 dB = 0.887 W/kg



Enlarged Plot for A19

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.206 \text{ S/m}$; $\epsilon_r = 36.154$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-28; Ambient Temp: 21.3; Tissue Temp: 21.6

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

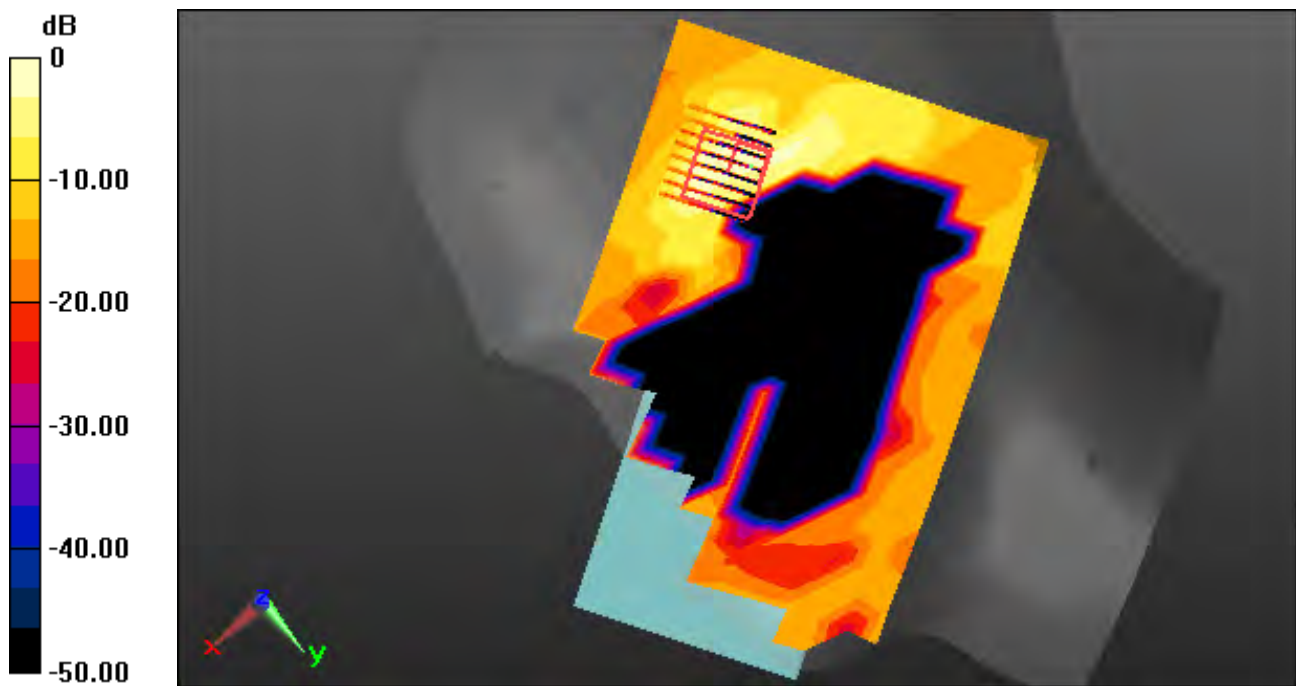
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

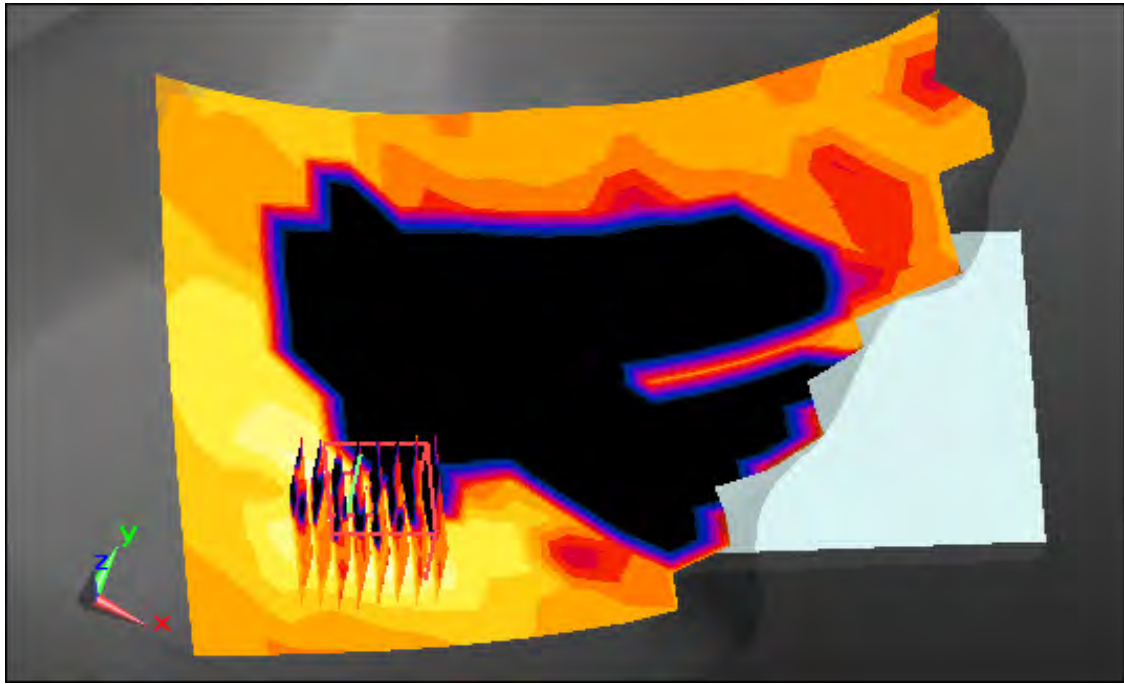
Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.022 W/kg

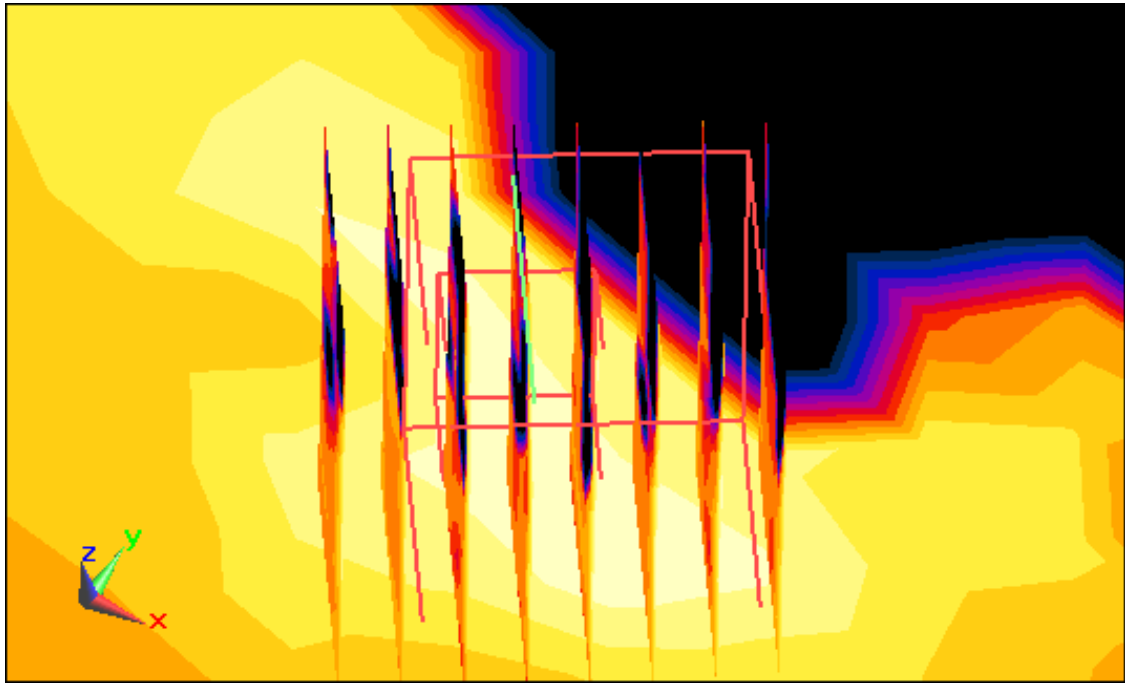


0 dB = 0.240 W/kg



0 dB = 0.240 W/kg

Enlarged Plot for A20



Enlarged Plot for A20

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.173 \text{ S/m}$; $\epsilon_r = 36.266$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-28; Ambient Temp: 21.3; Tissue Temp: 21.6

Right Tilt, WLAN(802.11a) Ch. 149, Ant Internal, Standard Battery, Ant.2

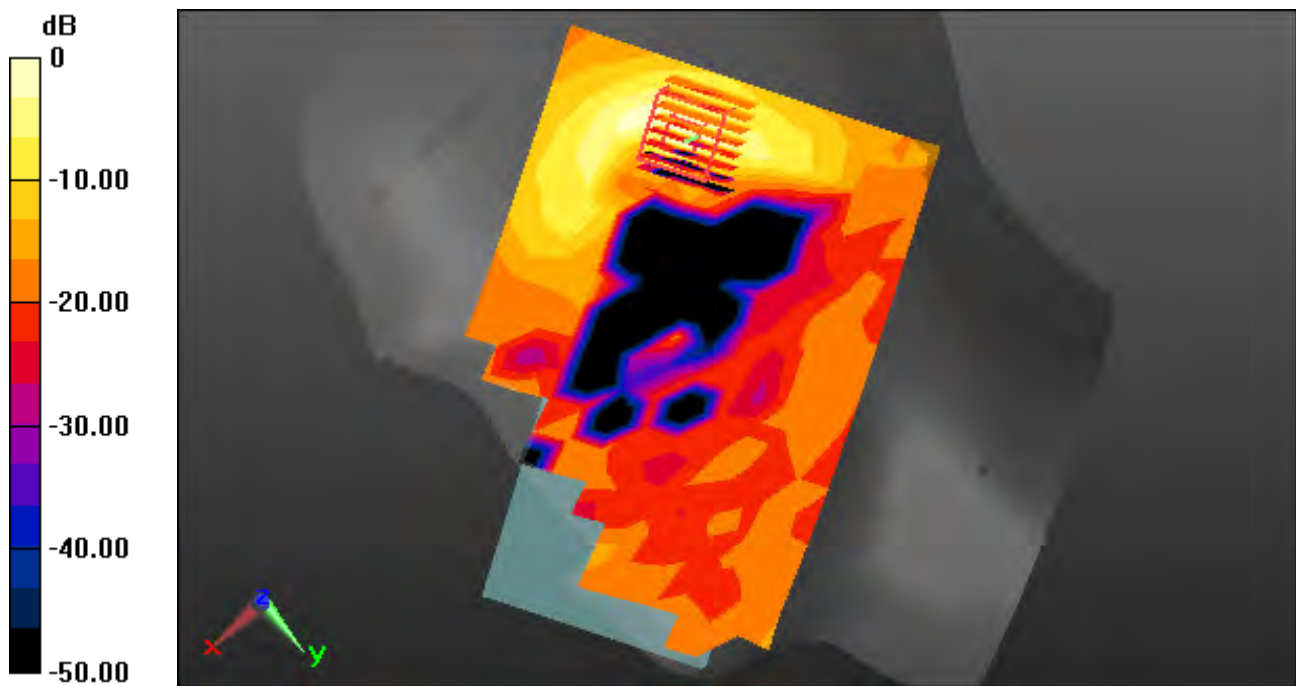
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

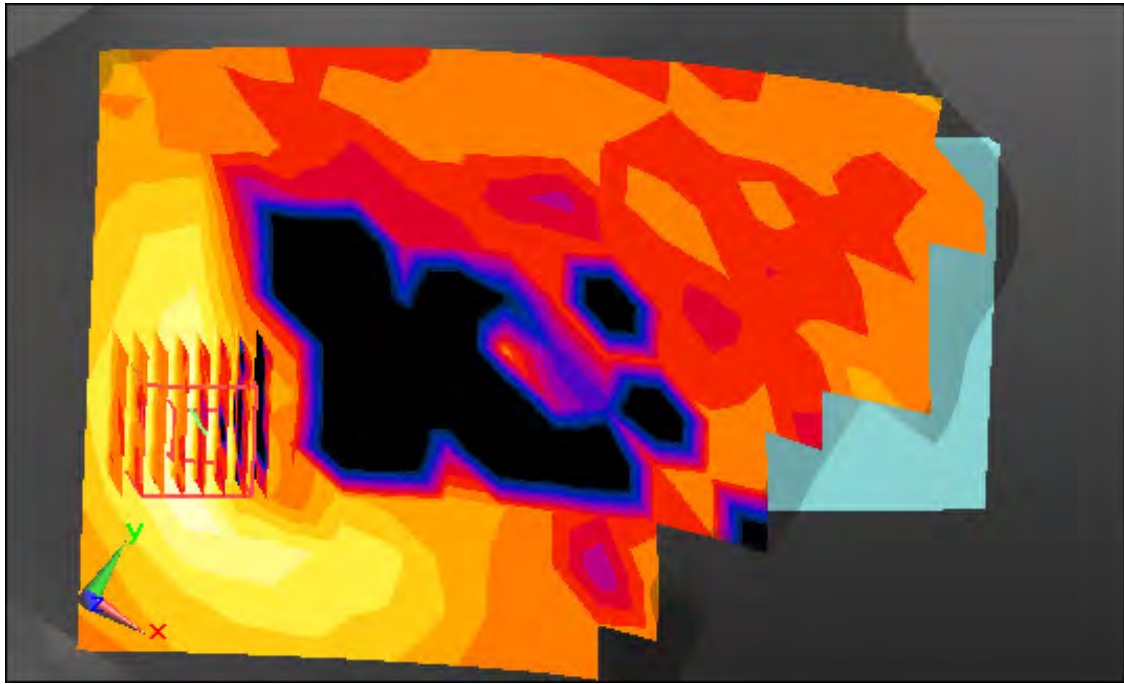
Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.417 W/kg



Enlarged Plot for A21

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.206 \text{ S/m}$; $\epsilon_r = 36.154$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.78, 4.78, 4.78); Calibrated: 7/24/2019; Electronics: DAE3 Sn519

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

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

Test Date: 2019-08-28; Ambient Temp: 21.3; Tissue Temp: 21.6

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

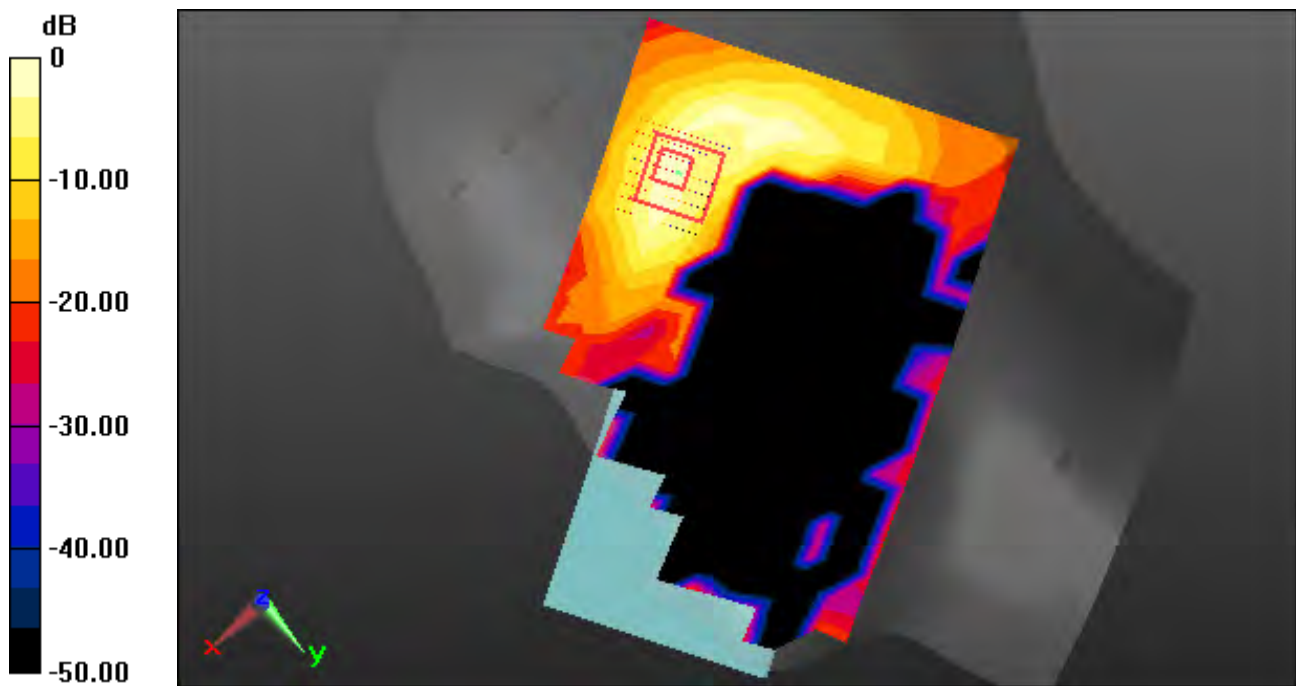
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

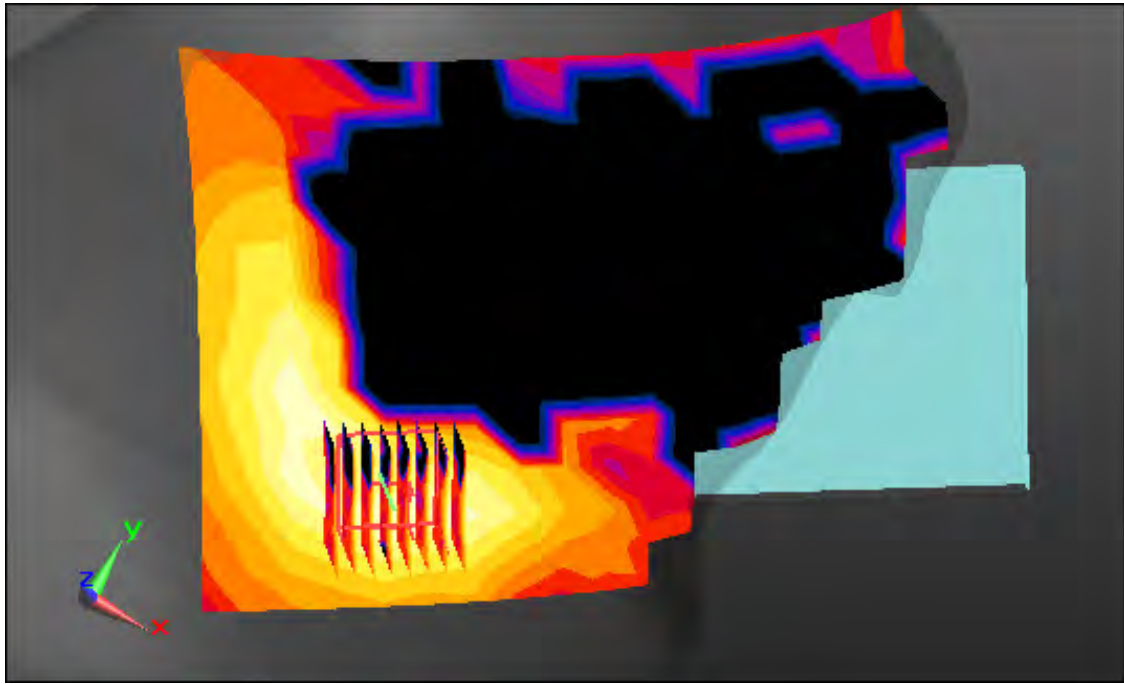
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.073 W/kg



0 dB = 0.721 W/kg



Enlarged Plot for A22

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 38.964$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.24, 7.24, 7.24); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.2

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

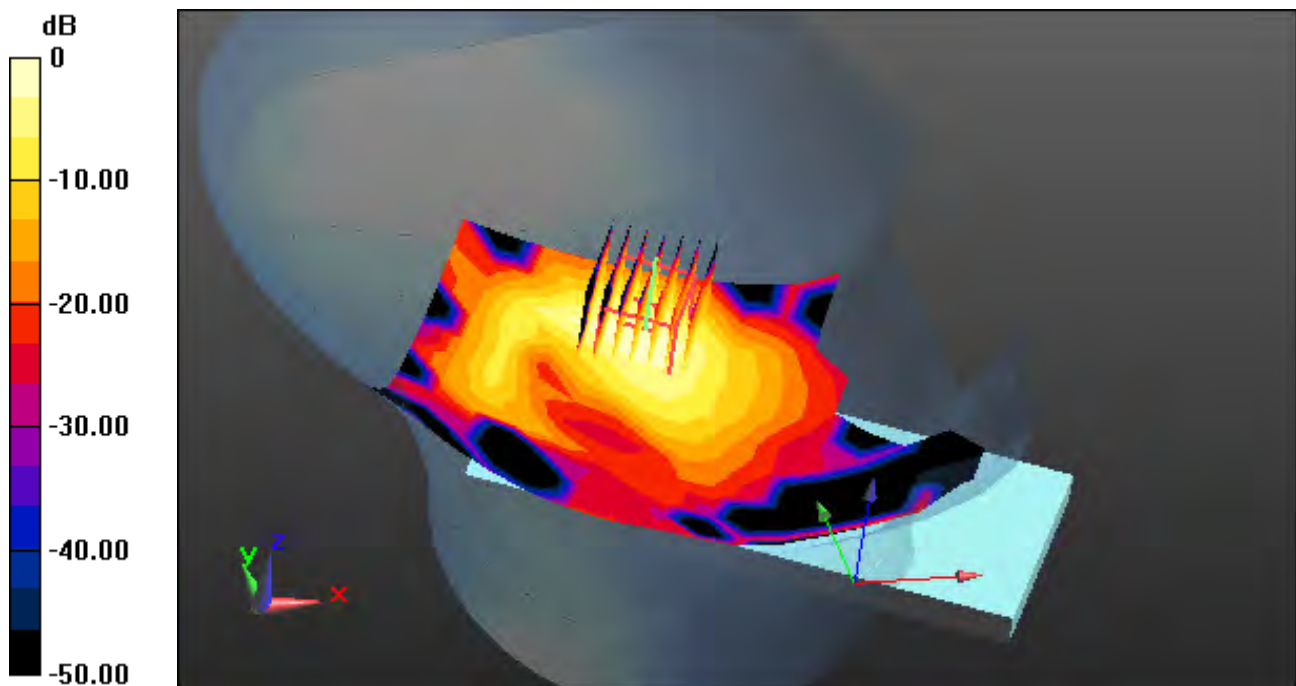
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

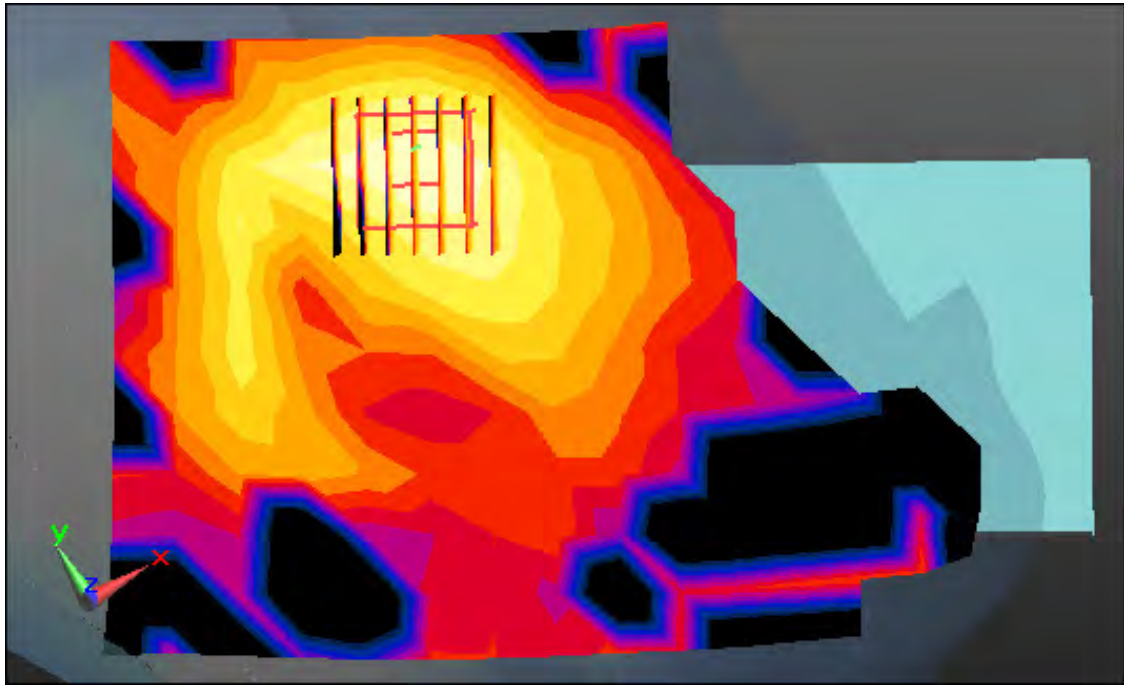
Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.172 W/kg



Enlarged Plot for A23

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1.001 \text{ S/m}$; $\epsilon_r = 53.62$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.27, 9.27, 9.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-05; Ambient Temp: 21.7; Tissue Temp: 21.6

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

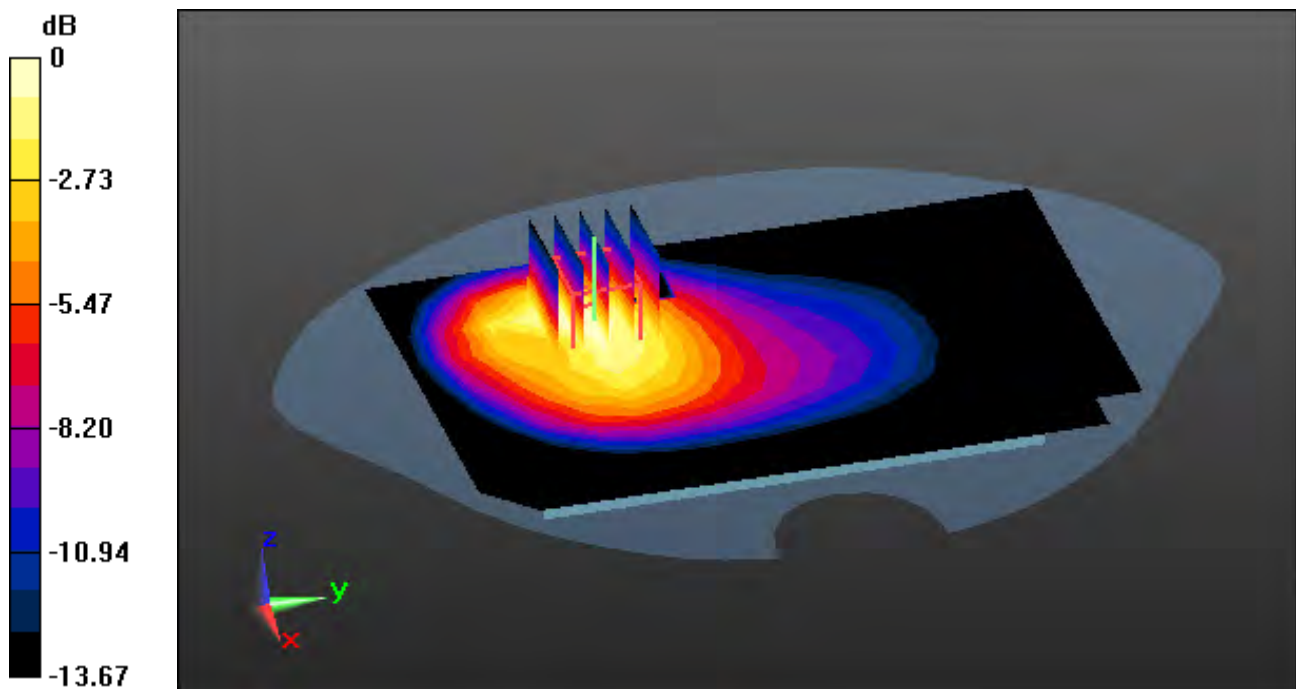
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

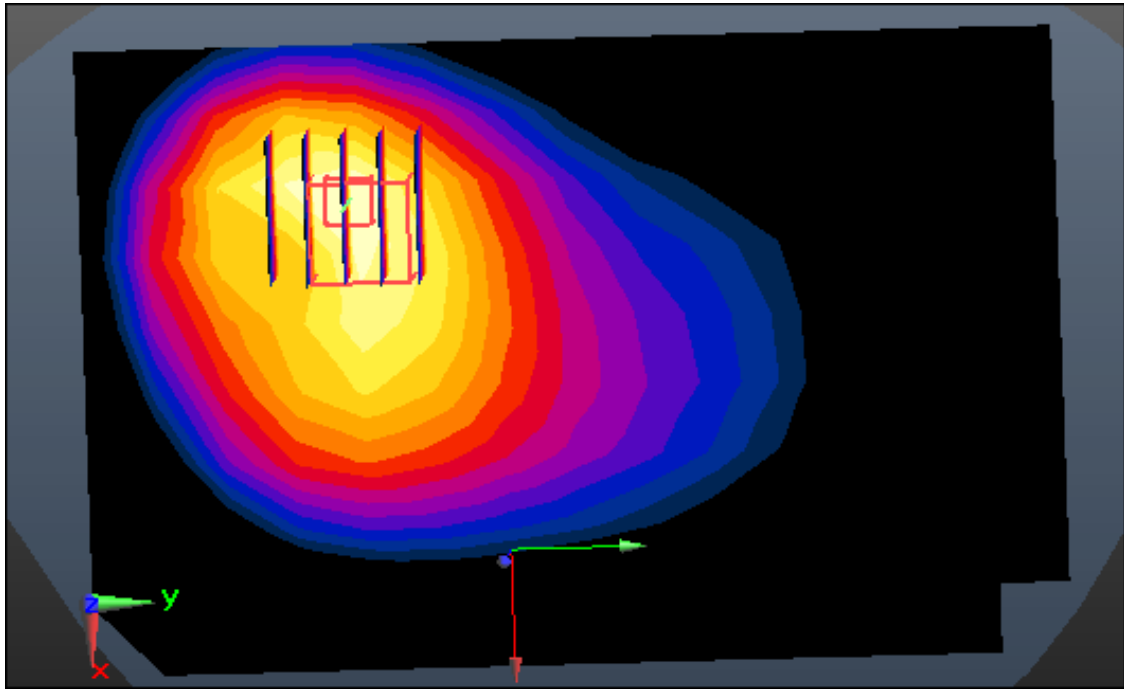
Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.259 W/kg



0 dB = 0.584 W/kg



Enlarged Plot for A24

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, GSM 850_4 Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 53.62$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.27, 9.27, 9.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-05; Ambient Temp: 21.7; Tissue Temp: 21.6

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

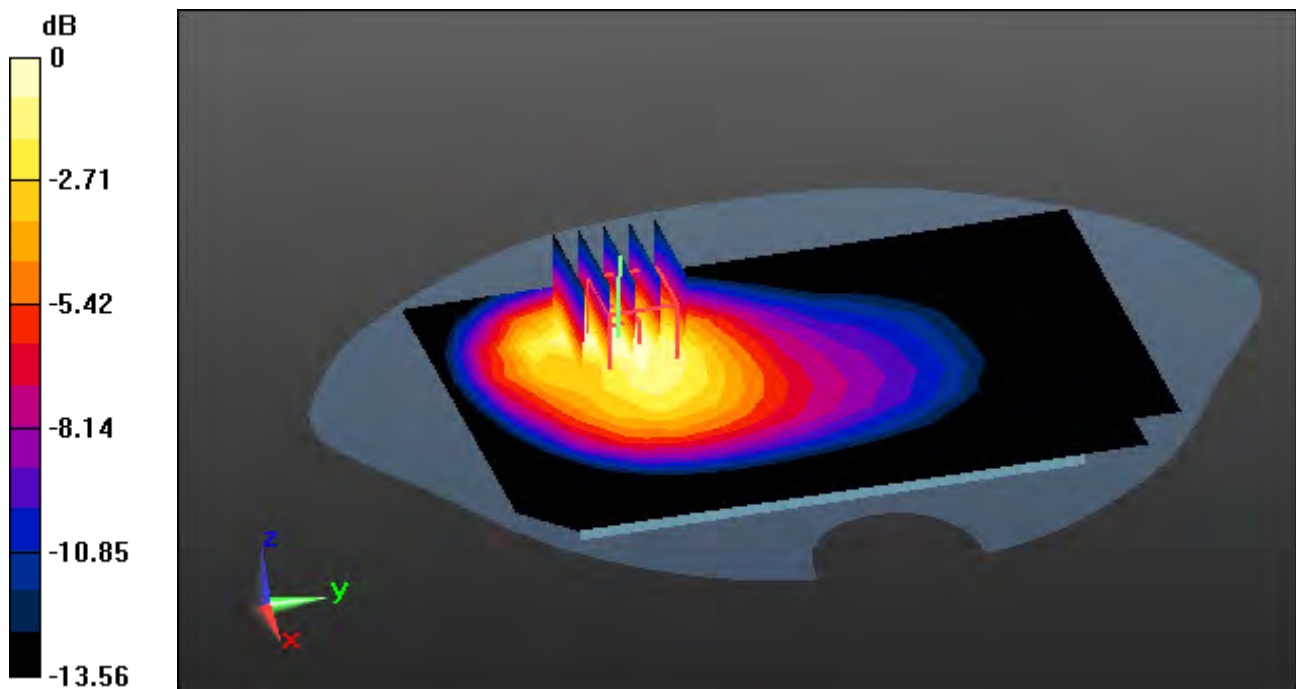
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

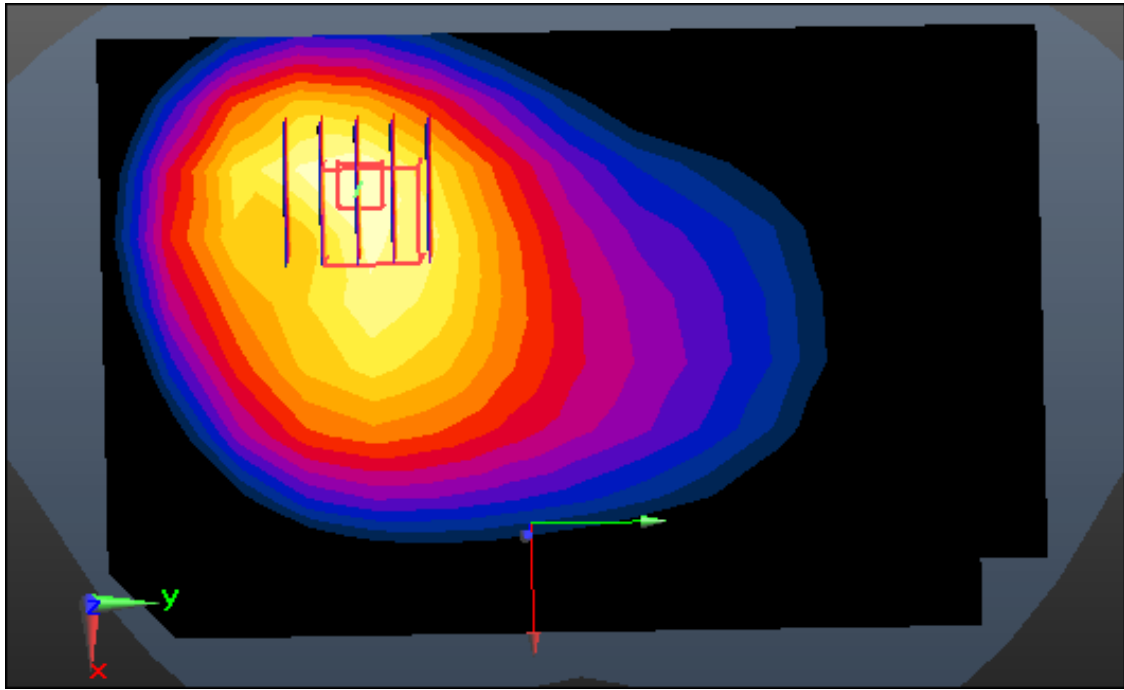
Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.301 W/kg



0 dB = 0.662 W/kg



Enlarged Plot for A25

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.005$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.1

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

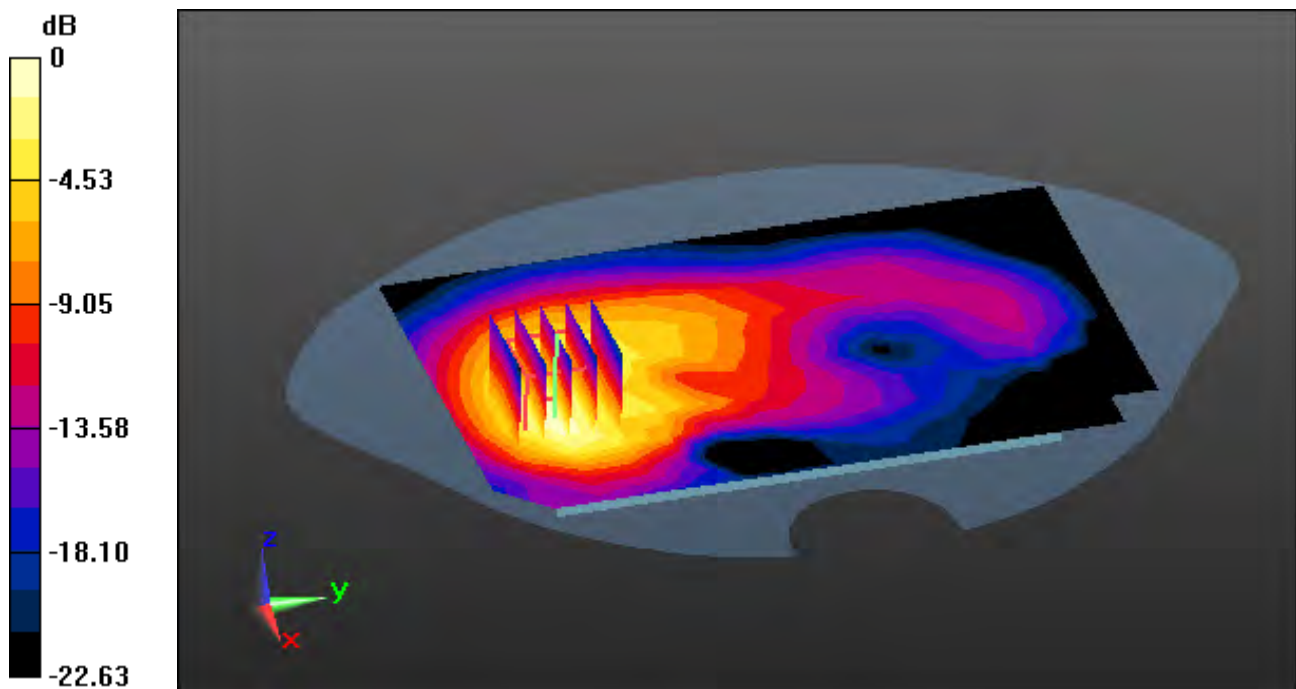
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

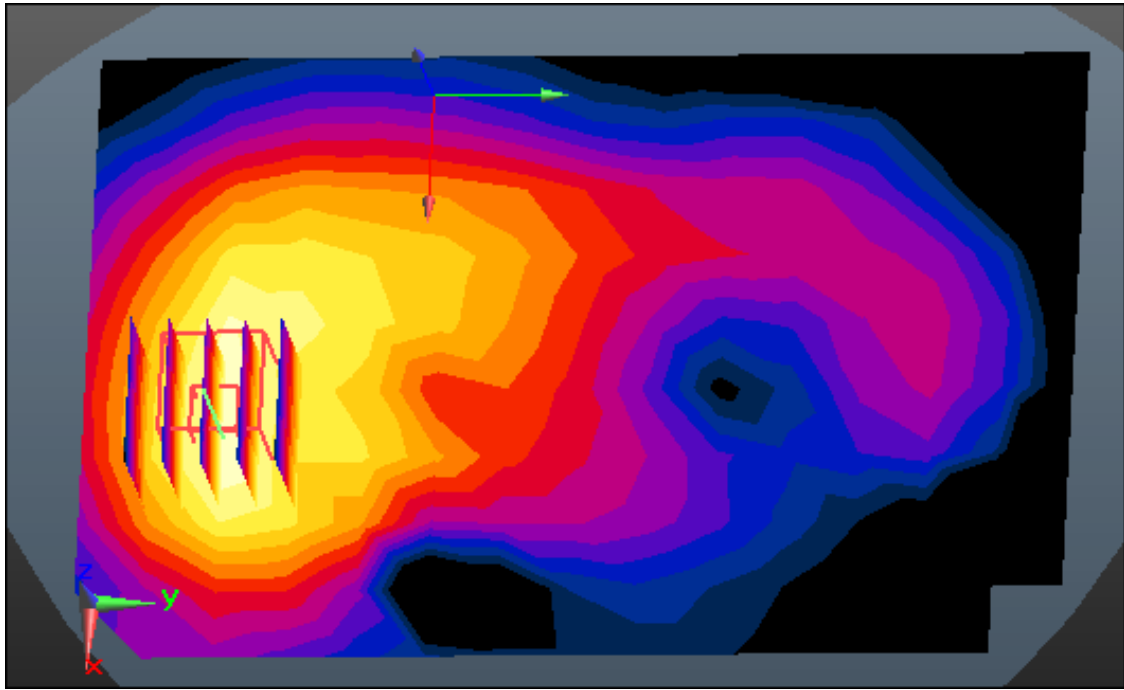
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.208 W/kg



0 dB = 0.555 W/kg



Enlarged Plot for A26

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, PCS1900_4 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.005$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.1

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

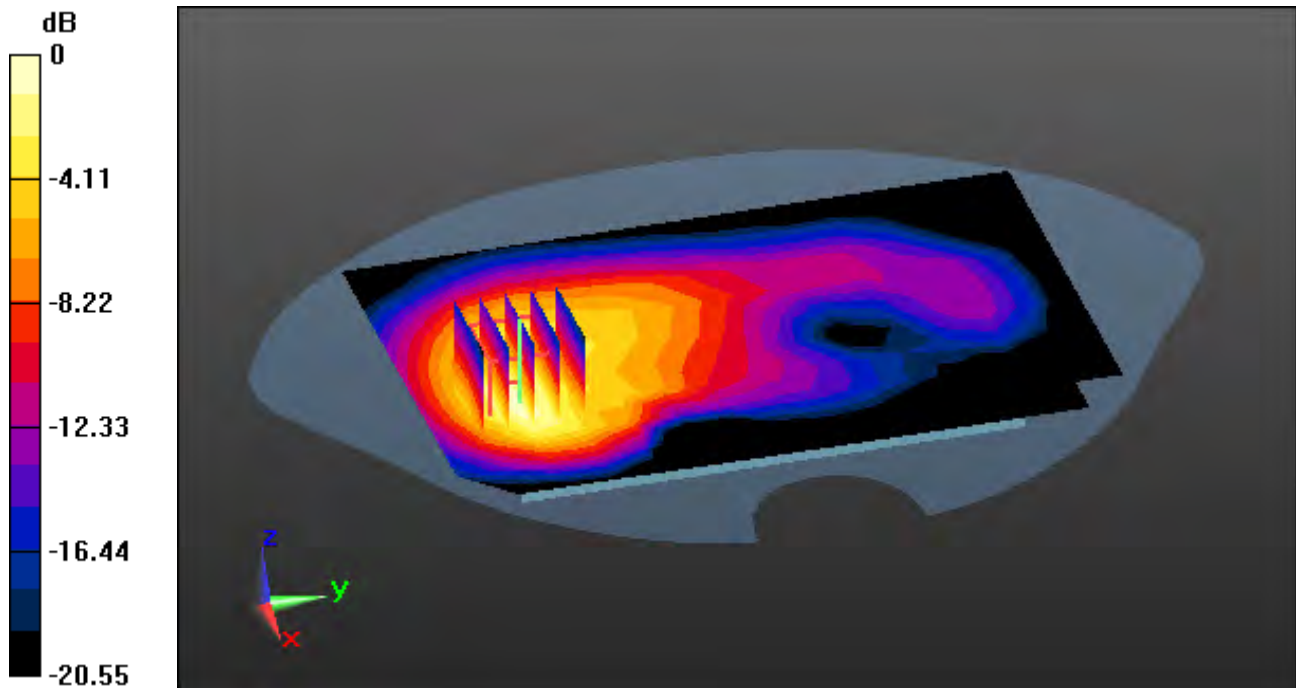
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

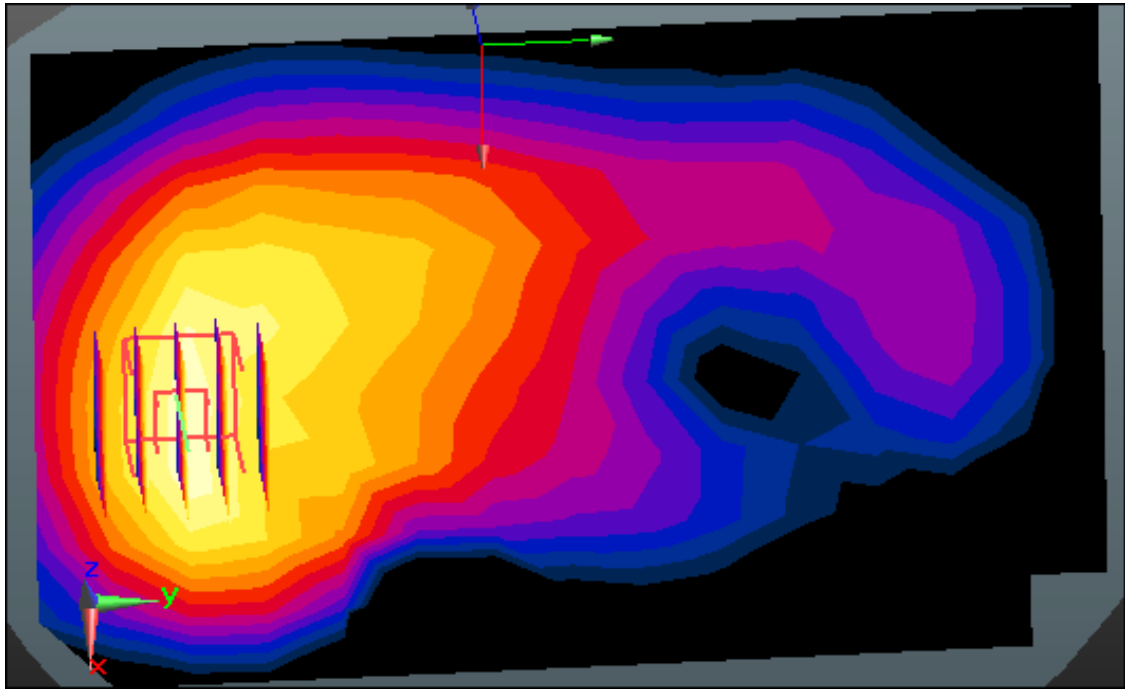
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.271 W/kg



0 dB = 0.697 W/kg



Enlarged Plot for A27

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 1.447$ S/m; $\epsilon_r = 53.719$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-08; Ambient Temp: 22.2; Tissue Temp: 21.8

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

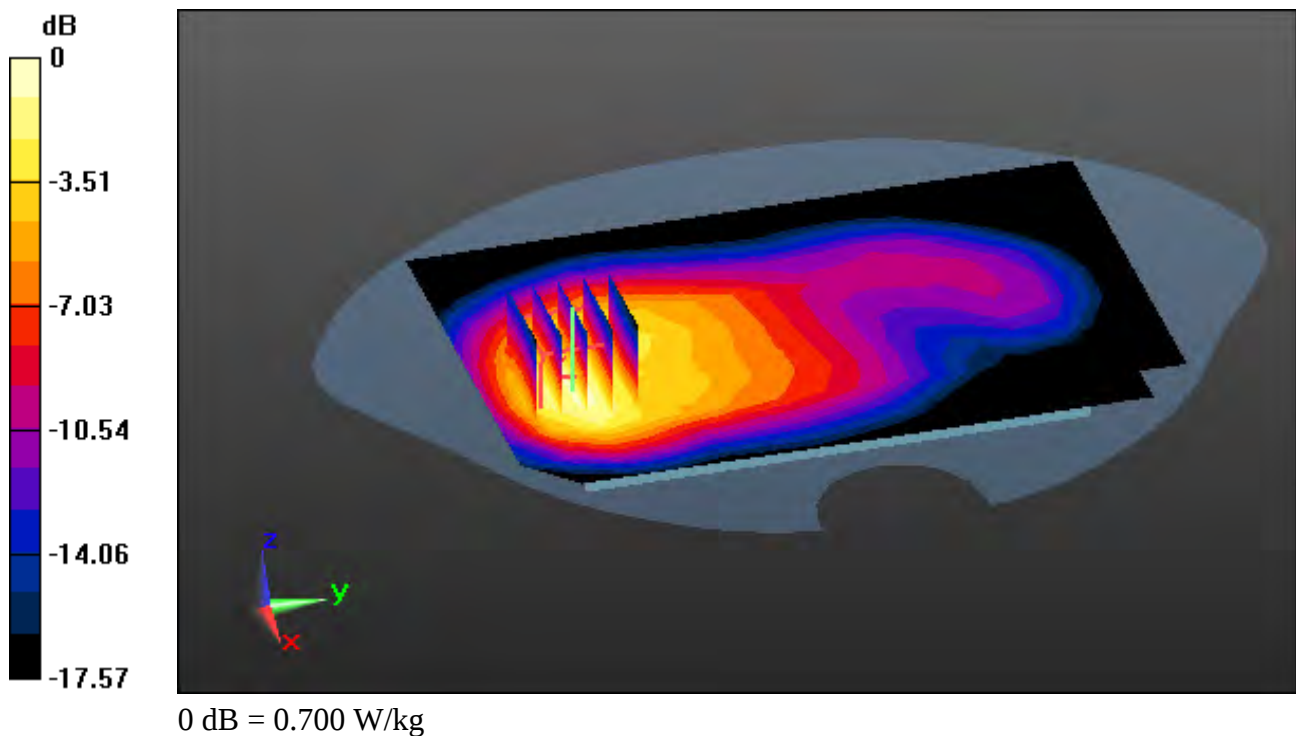
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

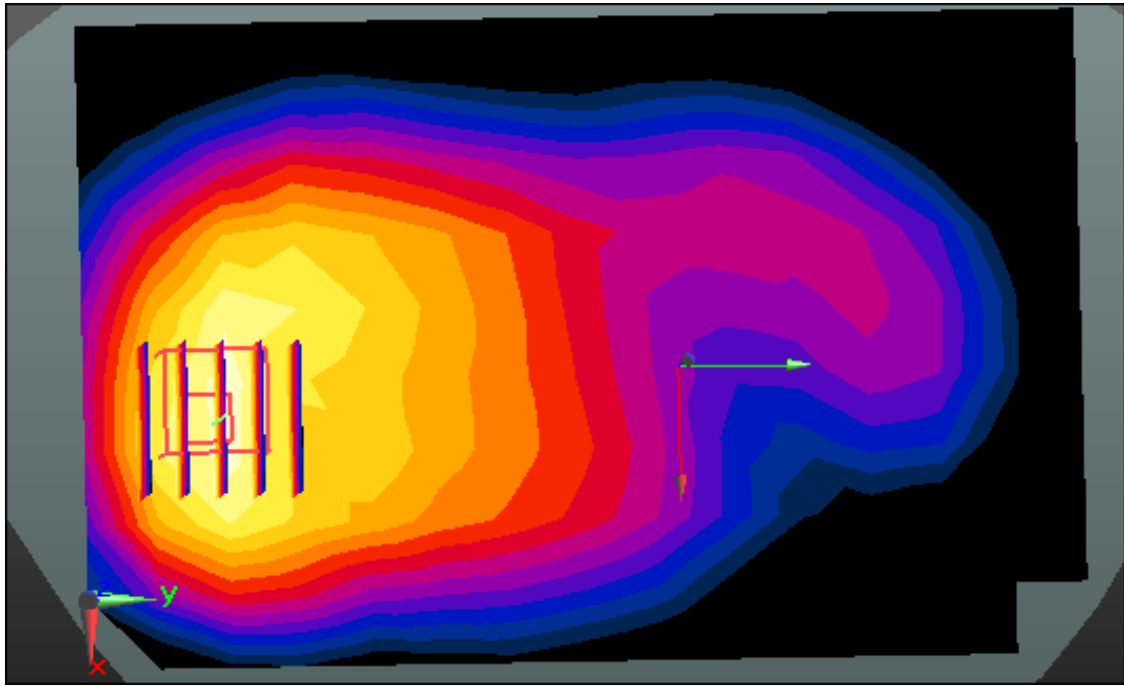
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.289 W/kg





Enlarged Plot for A28

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.114$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-07; Ambient Temp: 21.2; Tissue Temp: 20.8

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

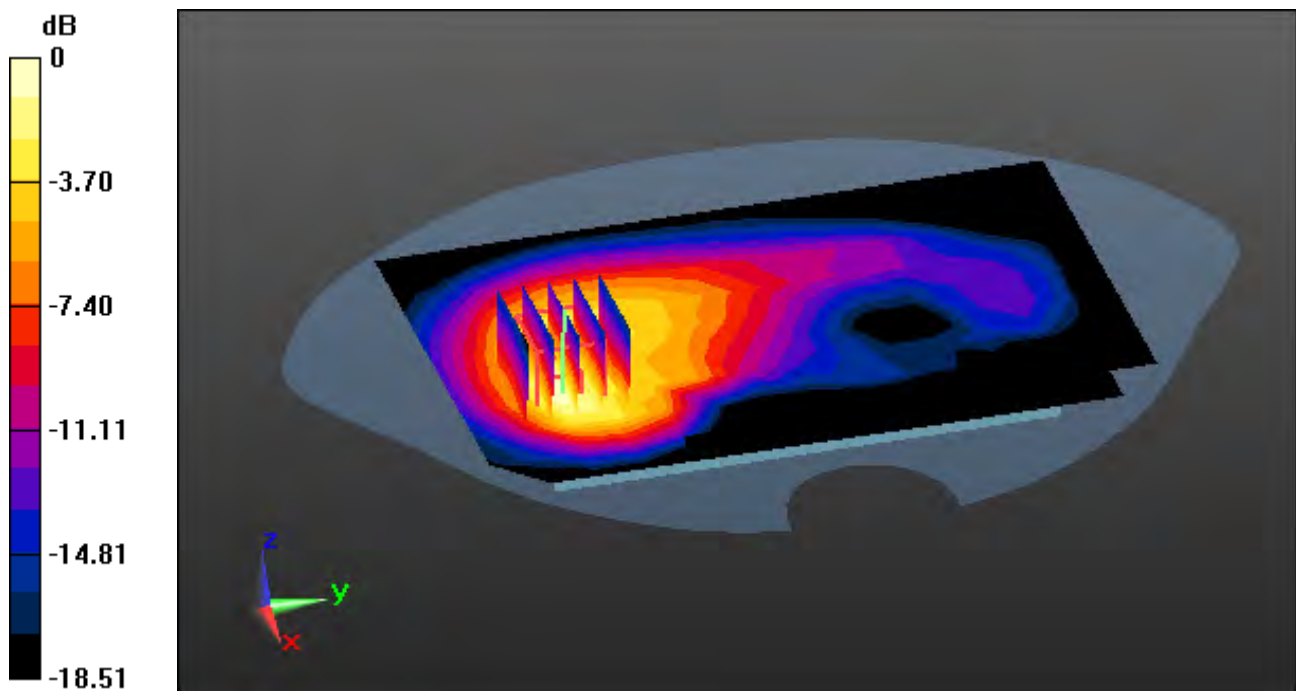
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

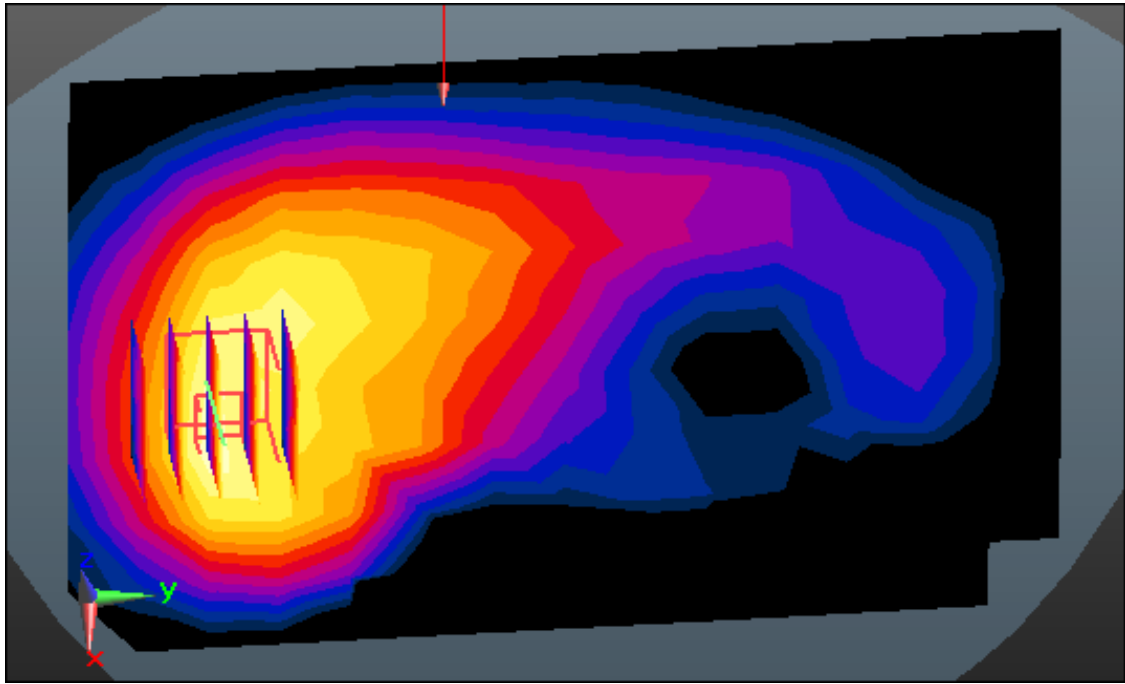
Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.285 W/kg



0 dB = 0.721 W/kg



Enlarged Plot for A29

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 55.959$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.45, 9.45, 9.45); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-14; Ambient Temp: 21.8; Tissue Temp: 22.5

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

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

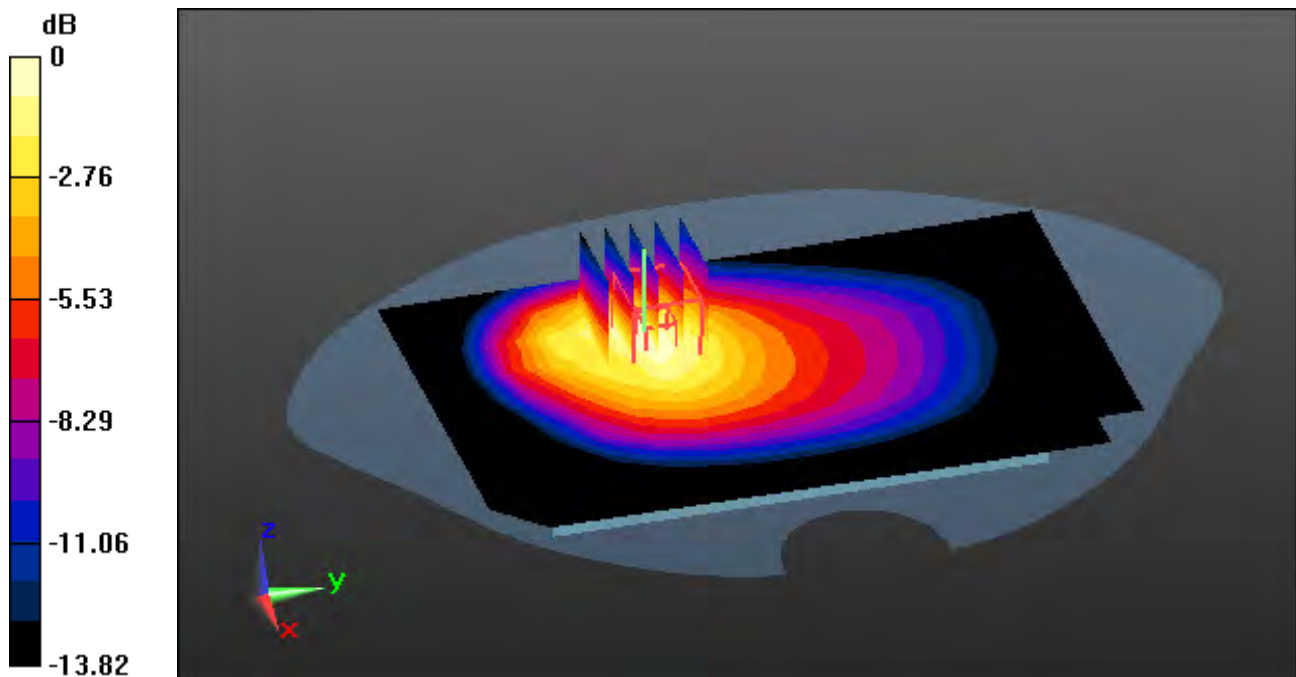
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

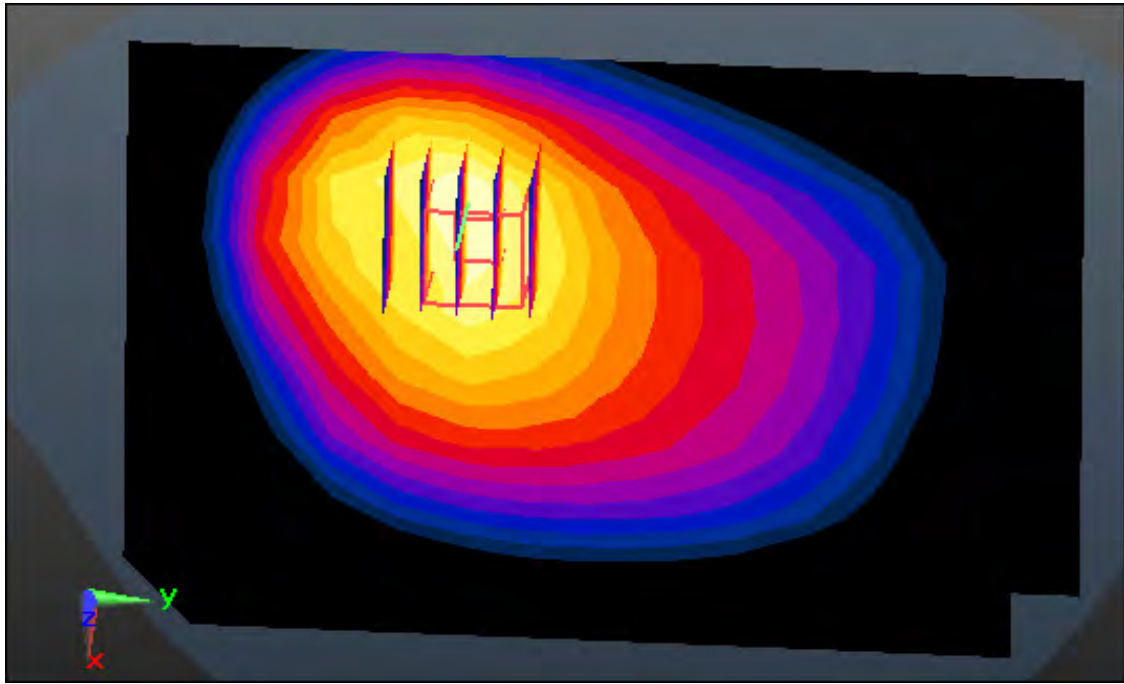
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.419 W/kg



0 dB = 0.880 W/kg



Enlarged Plot for A30

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 1.441$ S/m; $\epsilon_r = 53.633$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-12; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, LTE Band 4 Ch. 20175, Ant Internal

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

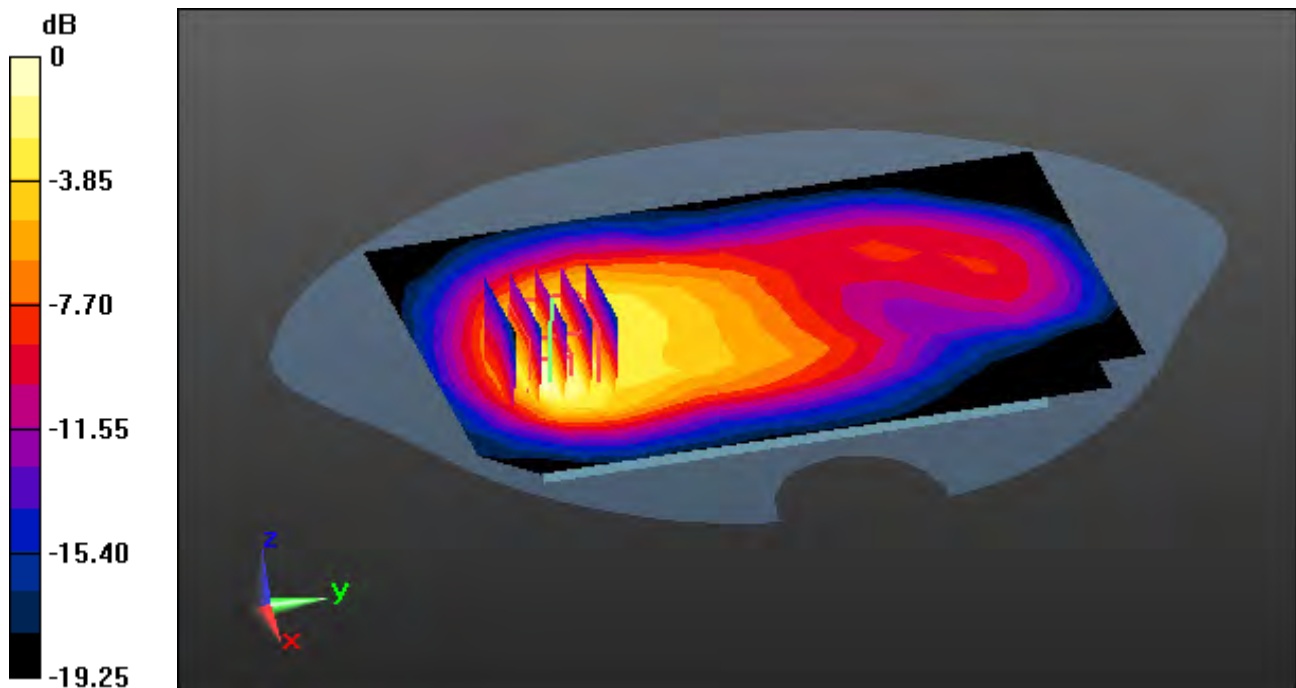
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

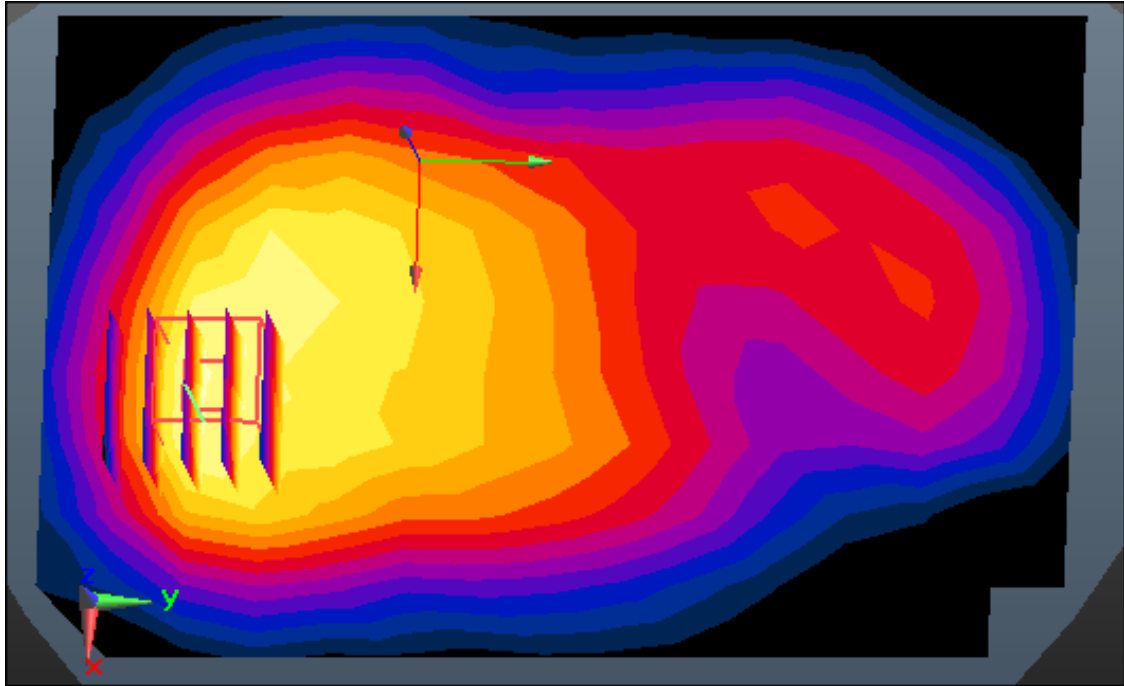
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.703 W/kg

SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.239 W/kg



0 dB = 0.564 W/kg



Enlarge Plot for A31

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.486$ S/m; $\epsilon_r = 51.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-09; Ambient Temp: 21.9; Tissue Temp: 21.6

1 cm space from Body, Rear, LTE Band 2 Ch. 18900, Ant Internal

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

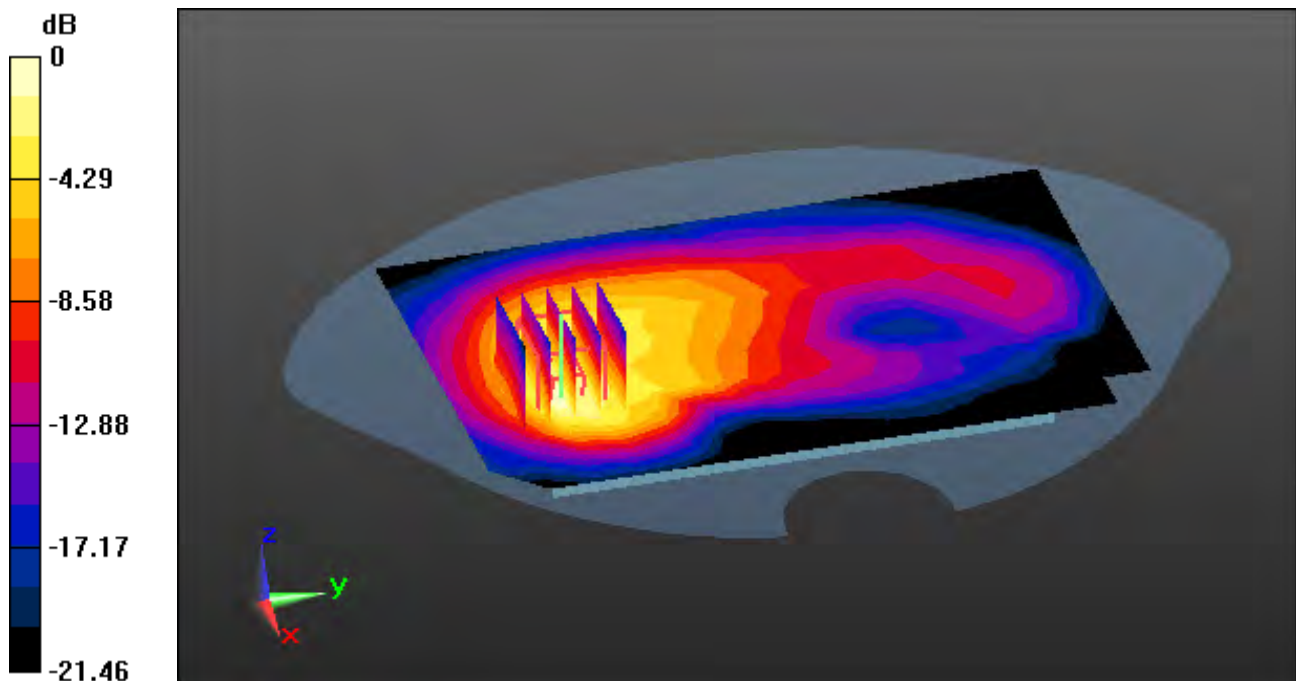
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

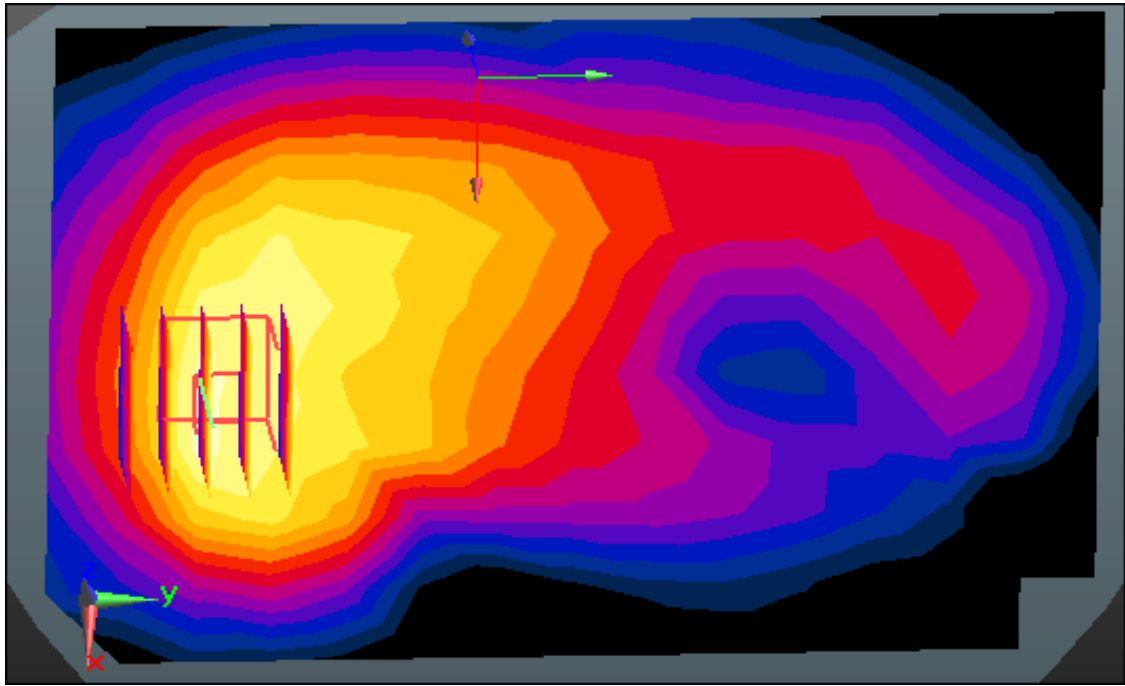
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.295 W/kg



0 dB = 0.736 W/kg



Enlarged Plot for A32

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 2.055$ S/m; $\epsilon_r = 53.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59) @ 2506 MHz; Calibrated: 2018-11-22

Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-08-13; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, LTE Band 41 Ch. 39750, Ant Internal

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

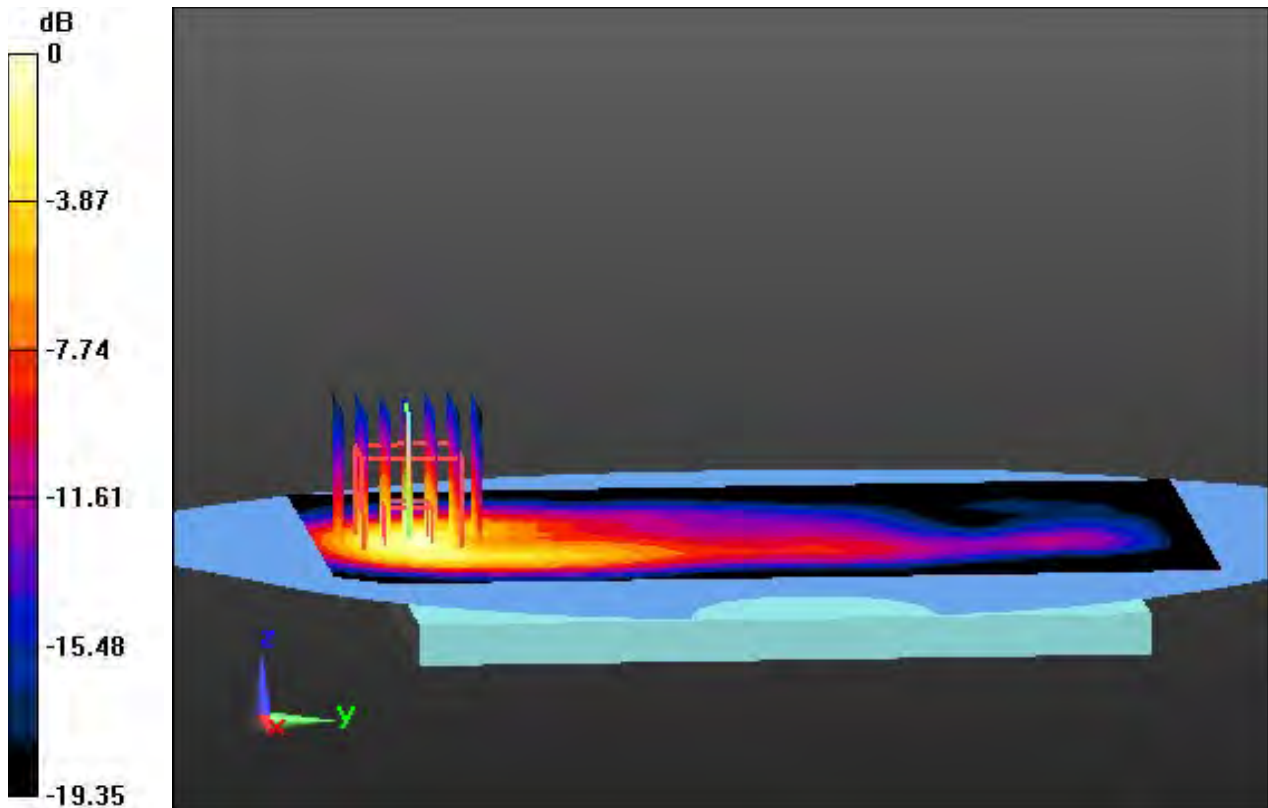
Area Scan (12x17x1): Measurement grid: dx=12mm, dy=12mm

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

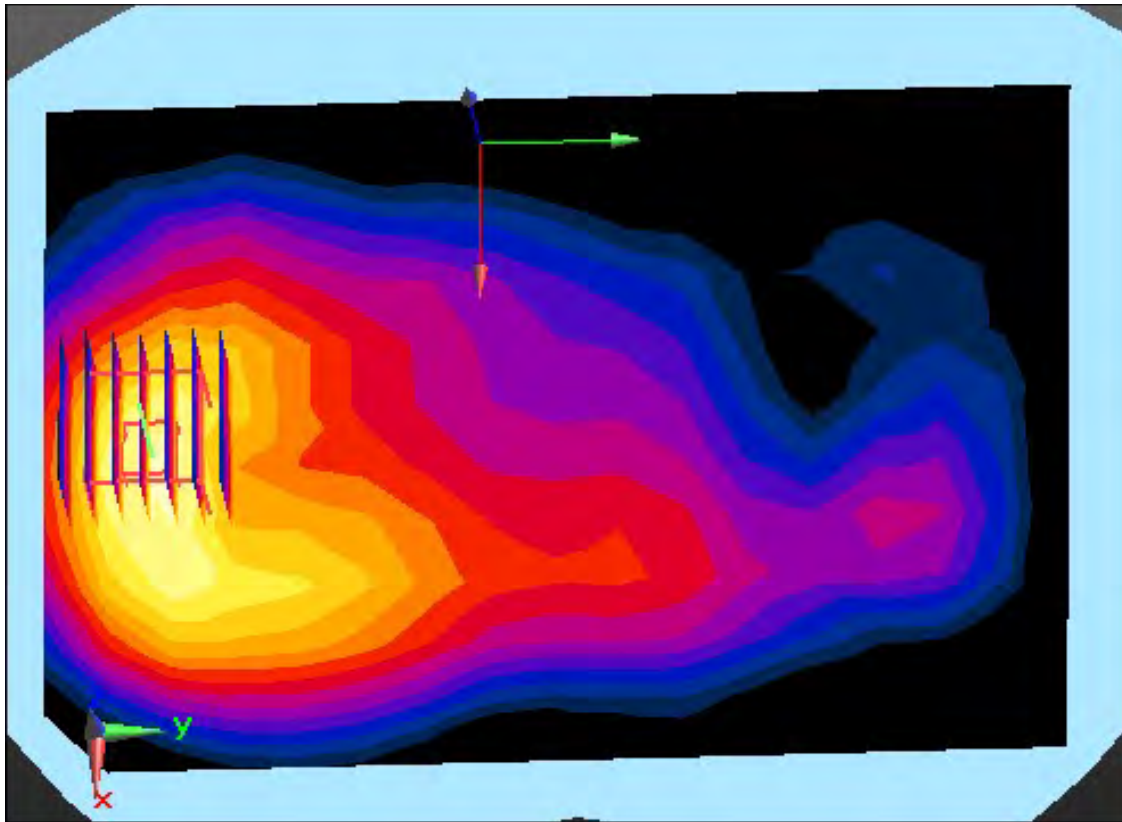
Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.215 W/kg



0 dB = 0.614 W/kg



Enlarged Plot for A33

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 51.819$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

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

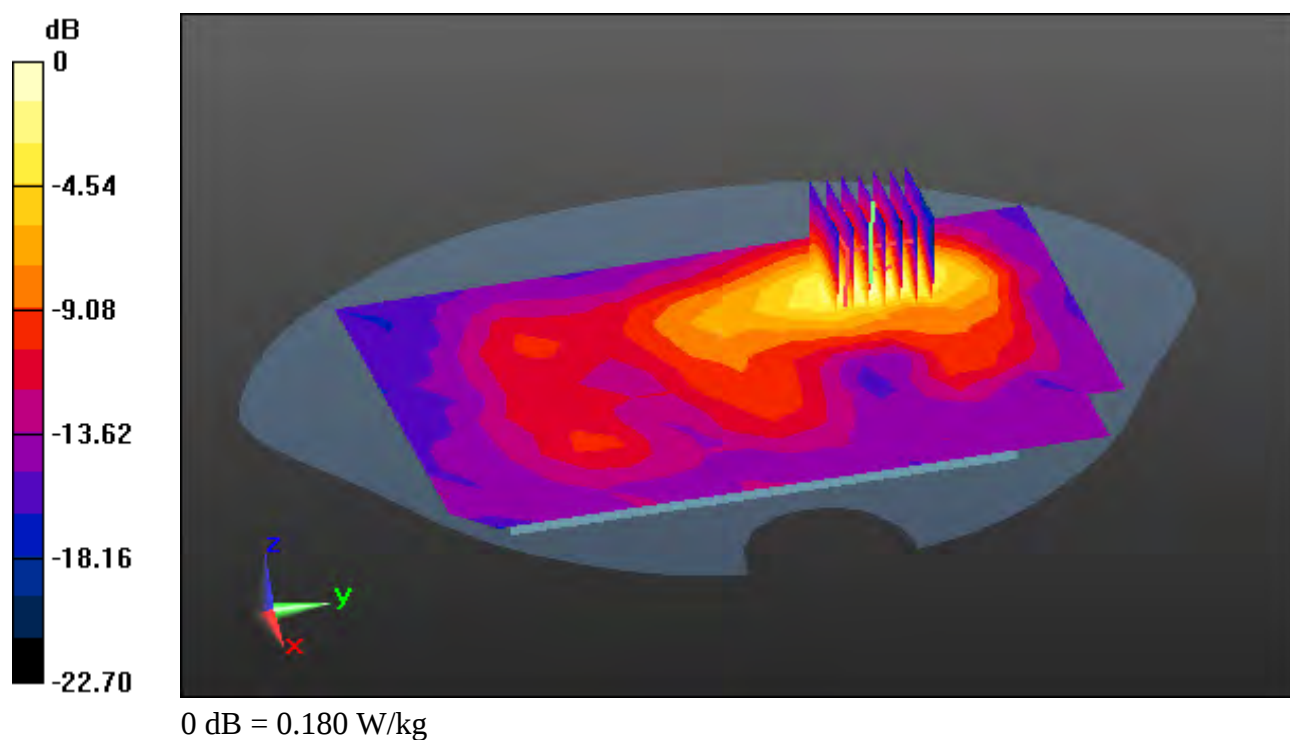
Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm

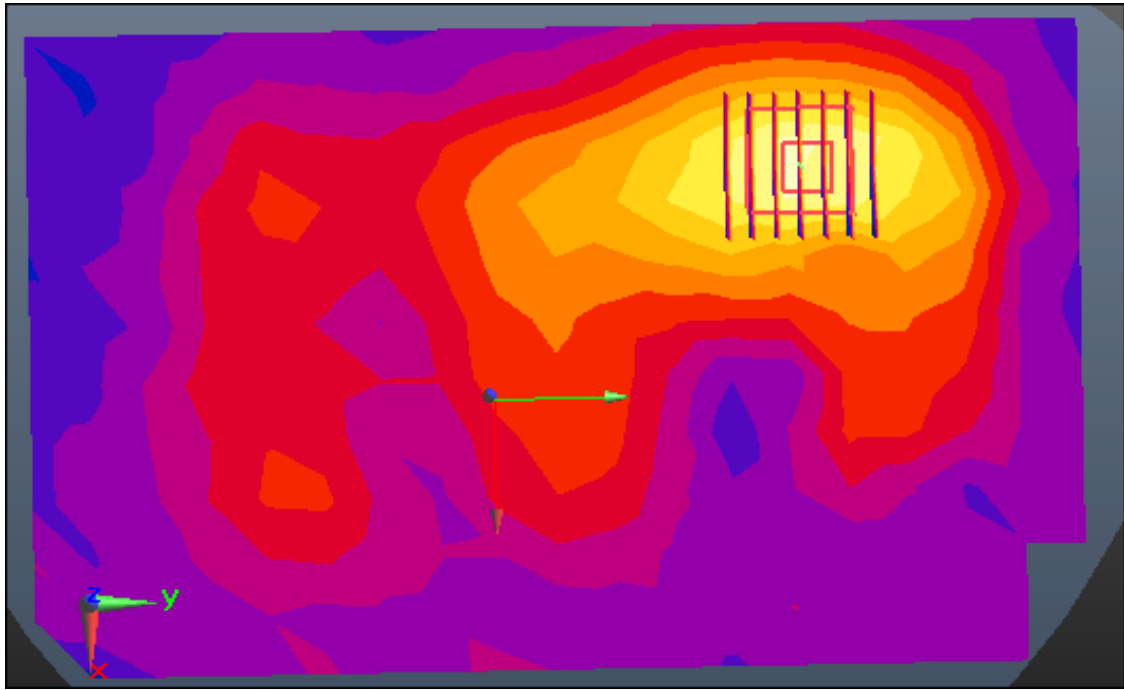
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.058 W/kg





Enlarged Plot for A34

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.911 \text{ S/m}$; $\epsilon_r = 51.819$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Rear, WLAN(802.11b) Ch. 6, Ant Internal, Ant.2

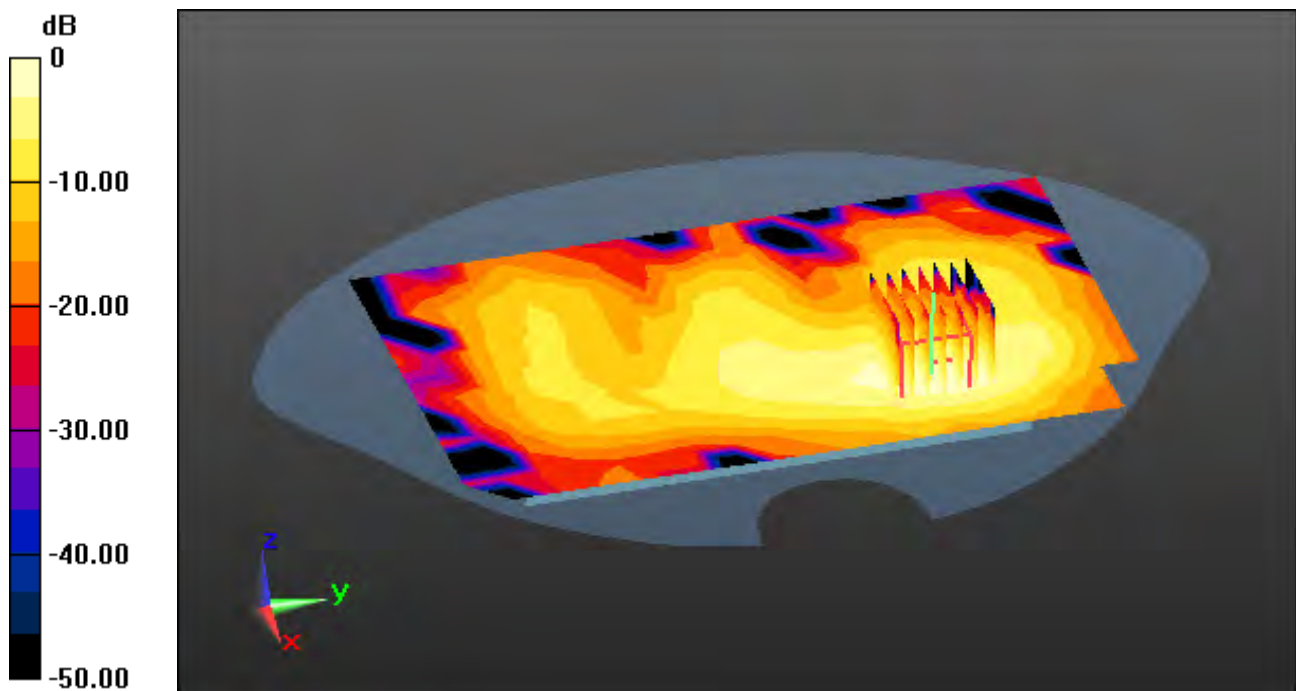
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

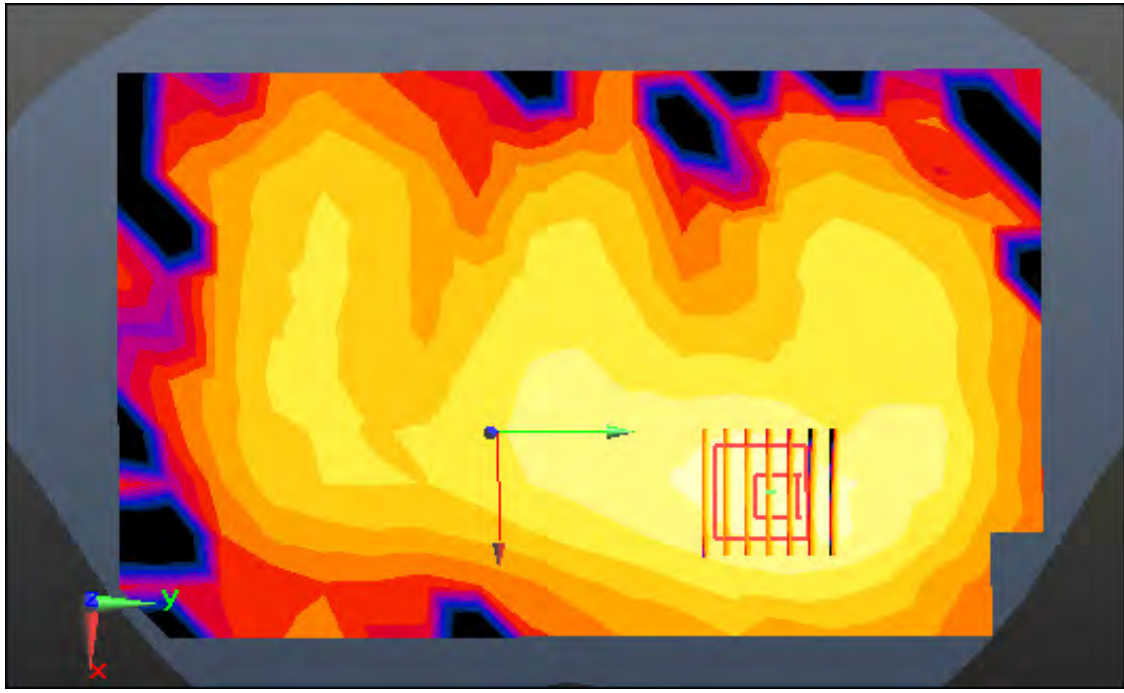
Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.172 W/kg



Enlarged Plot for A35

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.911 \text{ S/m}$; $\epsilon_r = 51.819$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Rear, WLAN(802.11g) Ch. 6, Ant Internal, MIMO

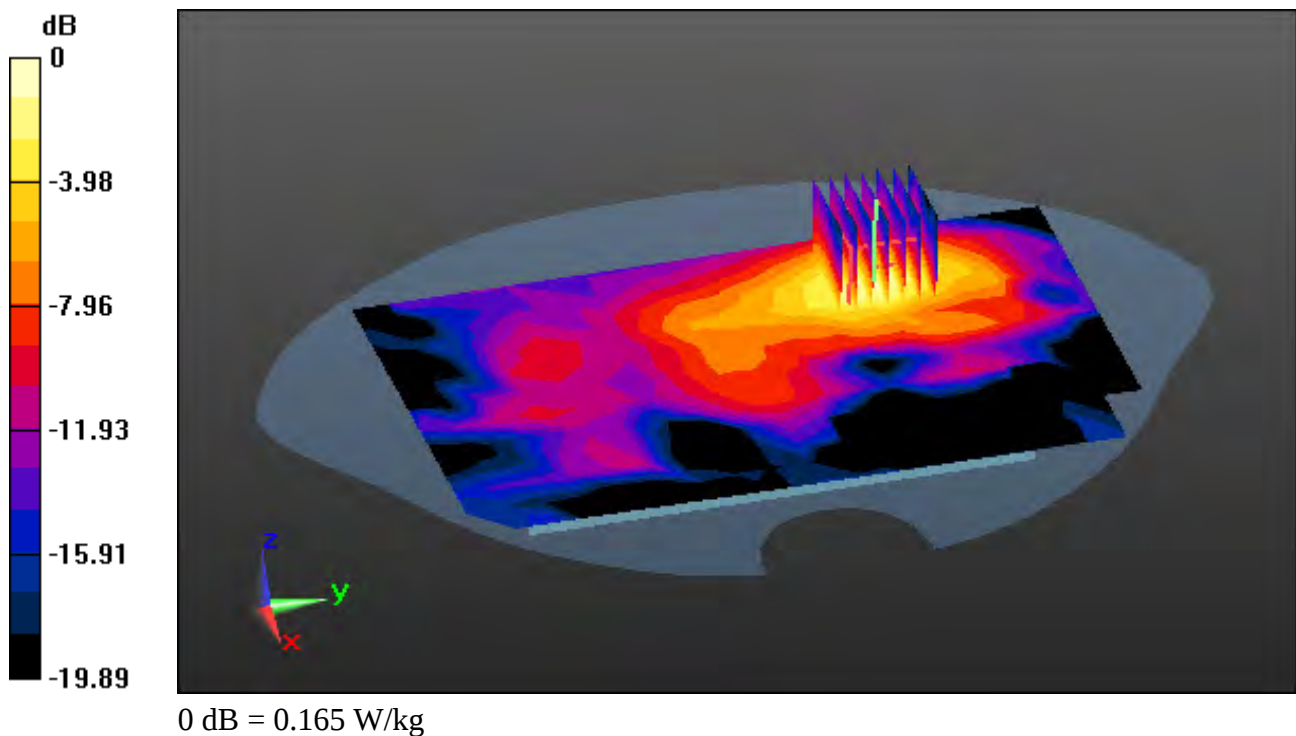
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

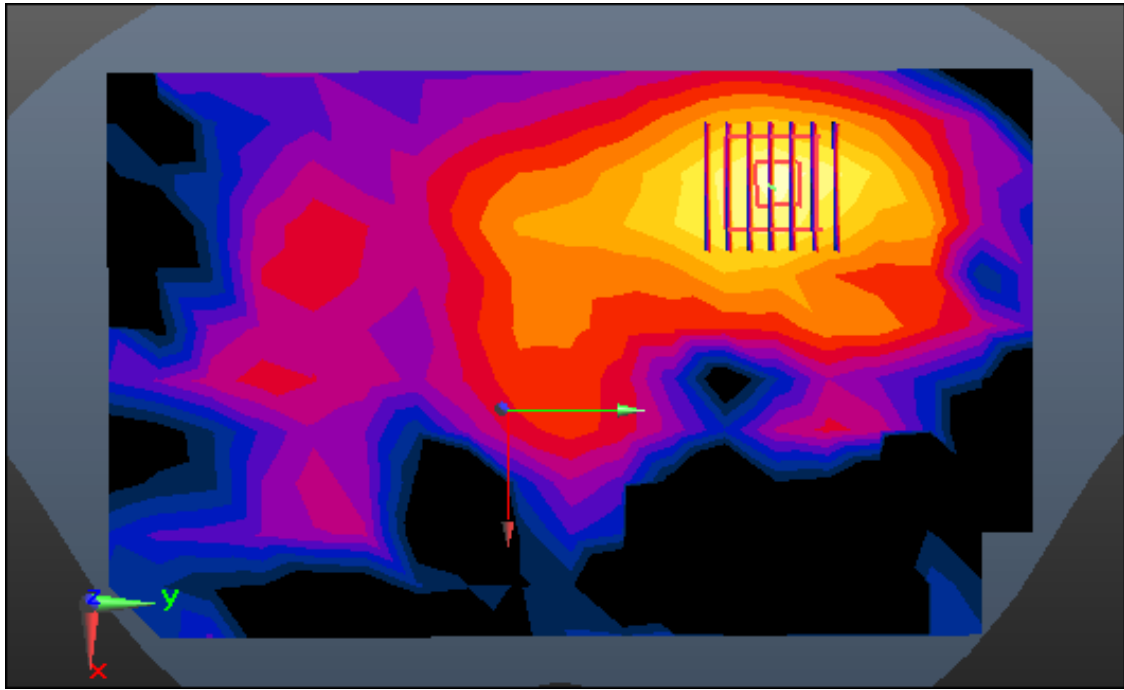
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.055 W/kg





Enlarged Plot for A36

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.251$ S/m; $\epsilon_r = 49.641$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

1 cm space from Body, Rear, WLAN(802.11a) Ch. 60, Ant Internal, Ant.1

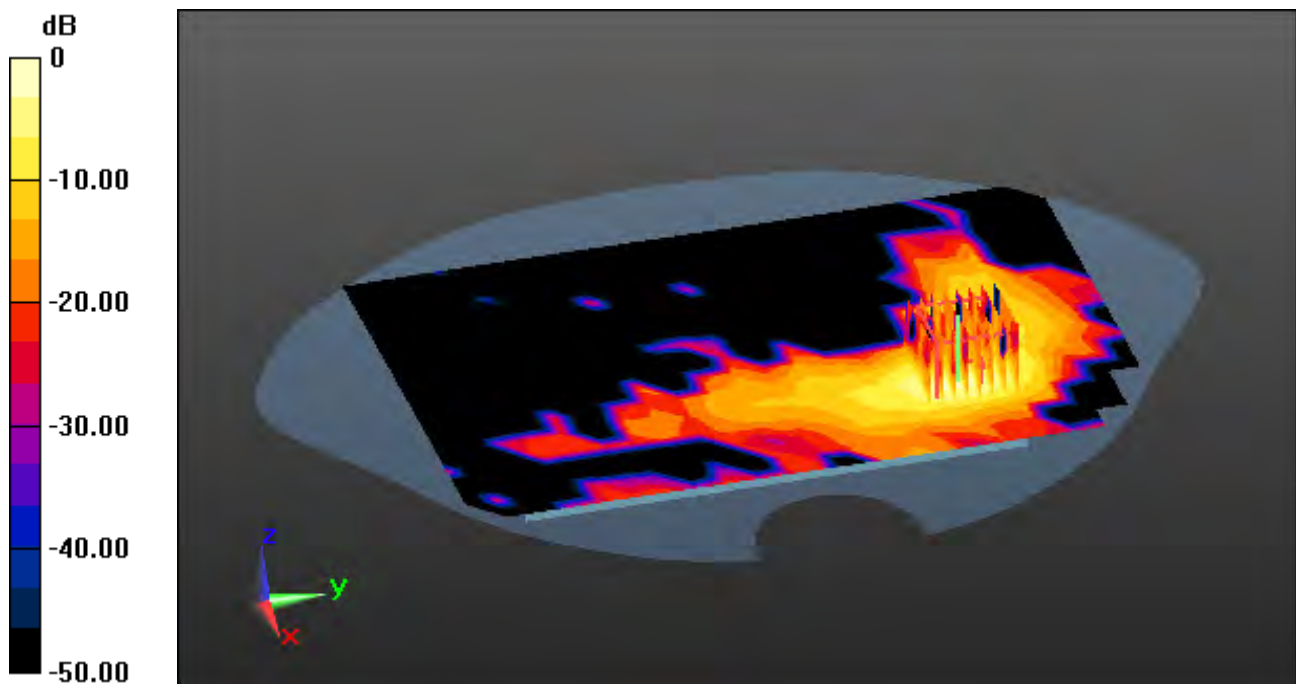
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

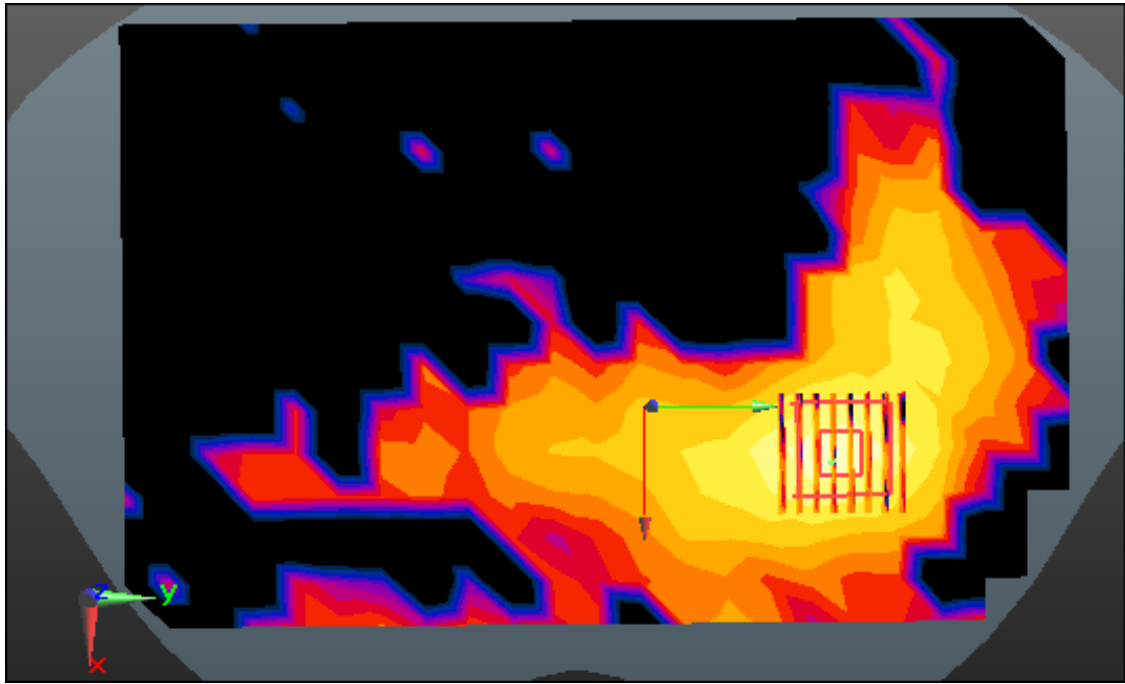
Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.315 W/kg



Enlarged Plot for A37

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.28 \text{ S/m}$; $\epsilon_r = 49.599$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

1 cm space from Body, Rear, WLAN(802.11a) Ch. 64, Ant Internal, Ant.2

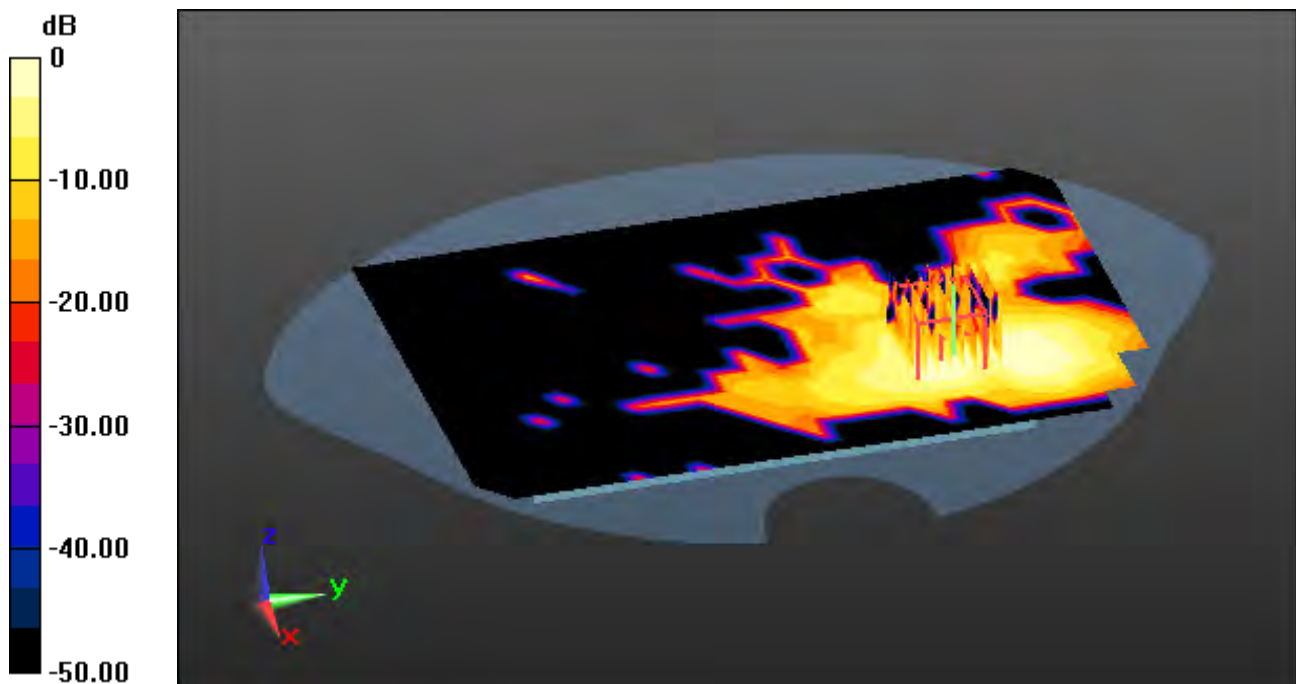
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

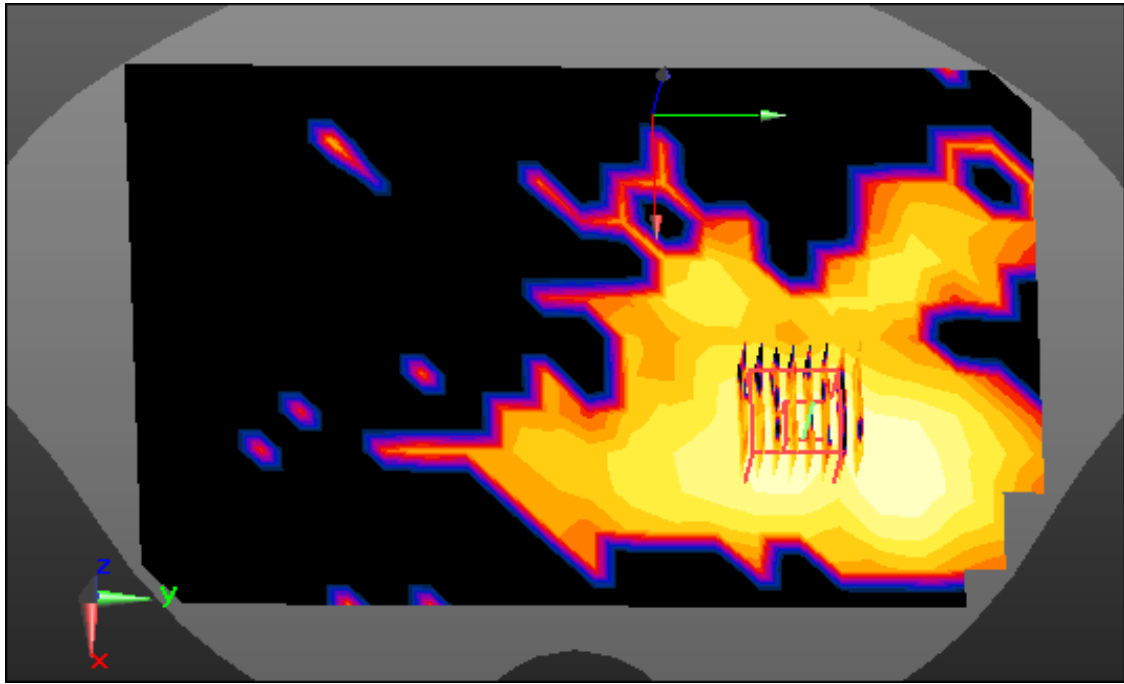
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.013 W/kg



0 dB = 0.102 W/kg



Enlarged Plot for A38

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.28 \text{ S/m}$; $\epsilon_r = 49.599$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

1 cm space from Body, Rear, WLAN(802.11a) Ch. 64, Ant Internal, MIMO

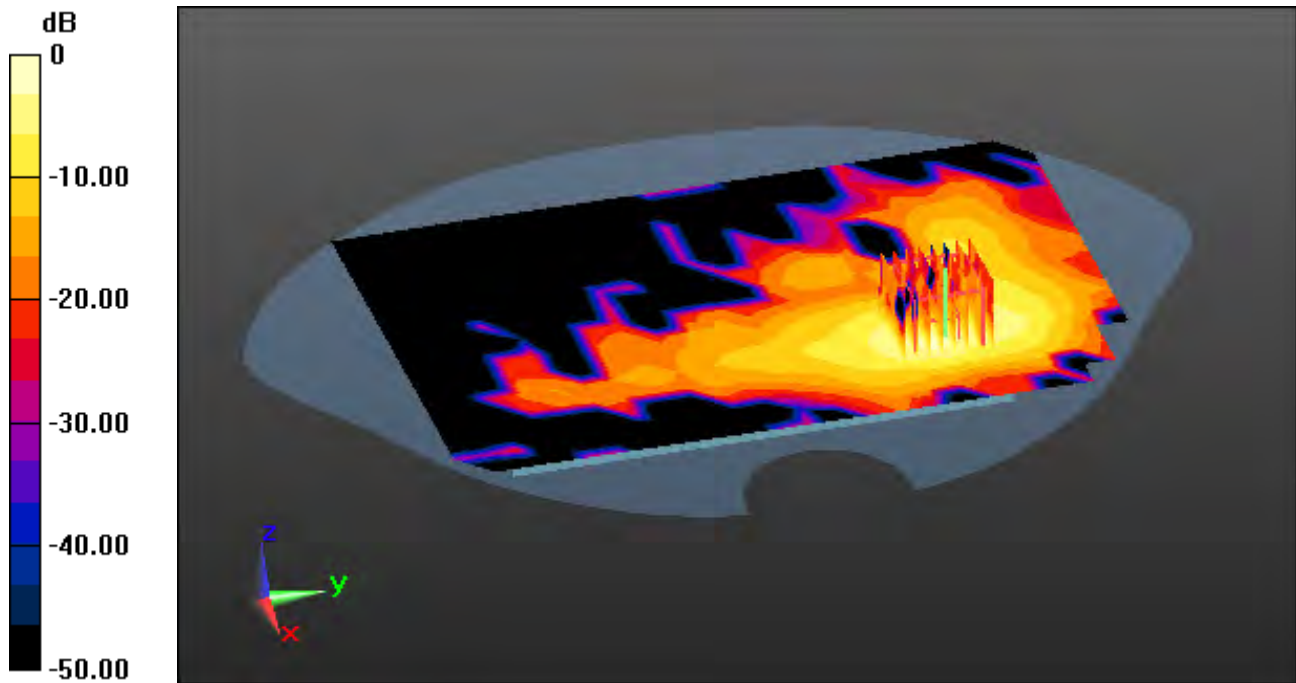
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

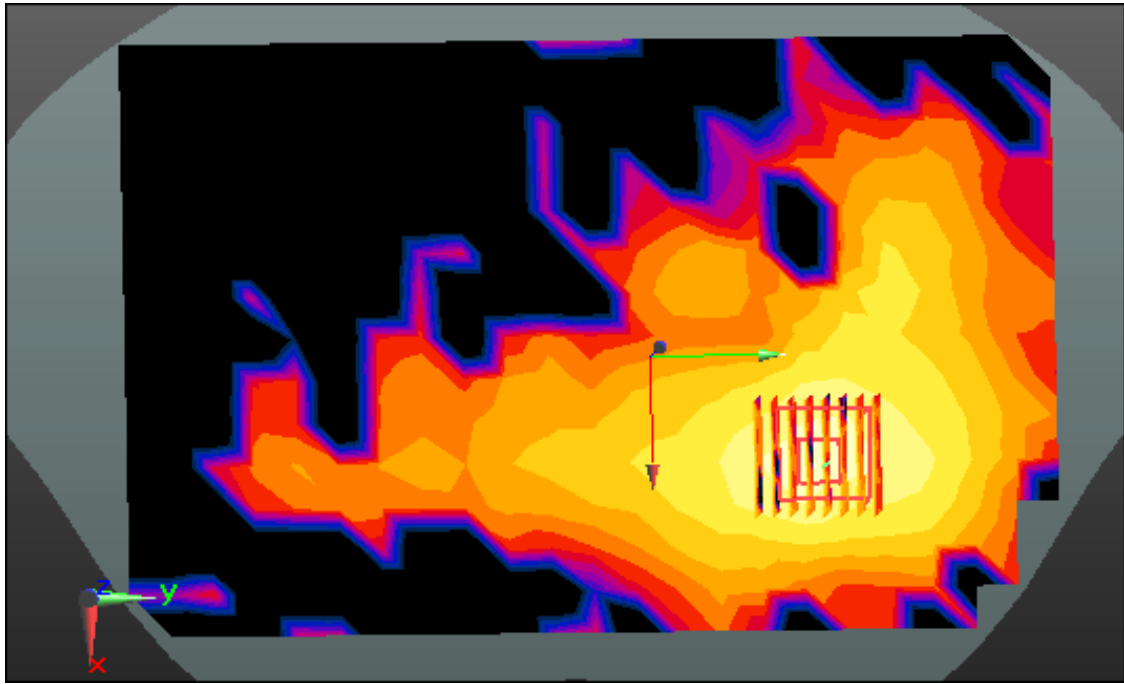
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.380 W/kg



Enlarged Plot for A39

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5660$ MHz; $\sigma = 5.817$ S/m; $\epsilon_r = 48.858$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, Ant.1

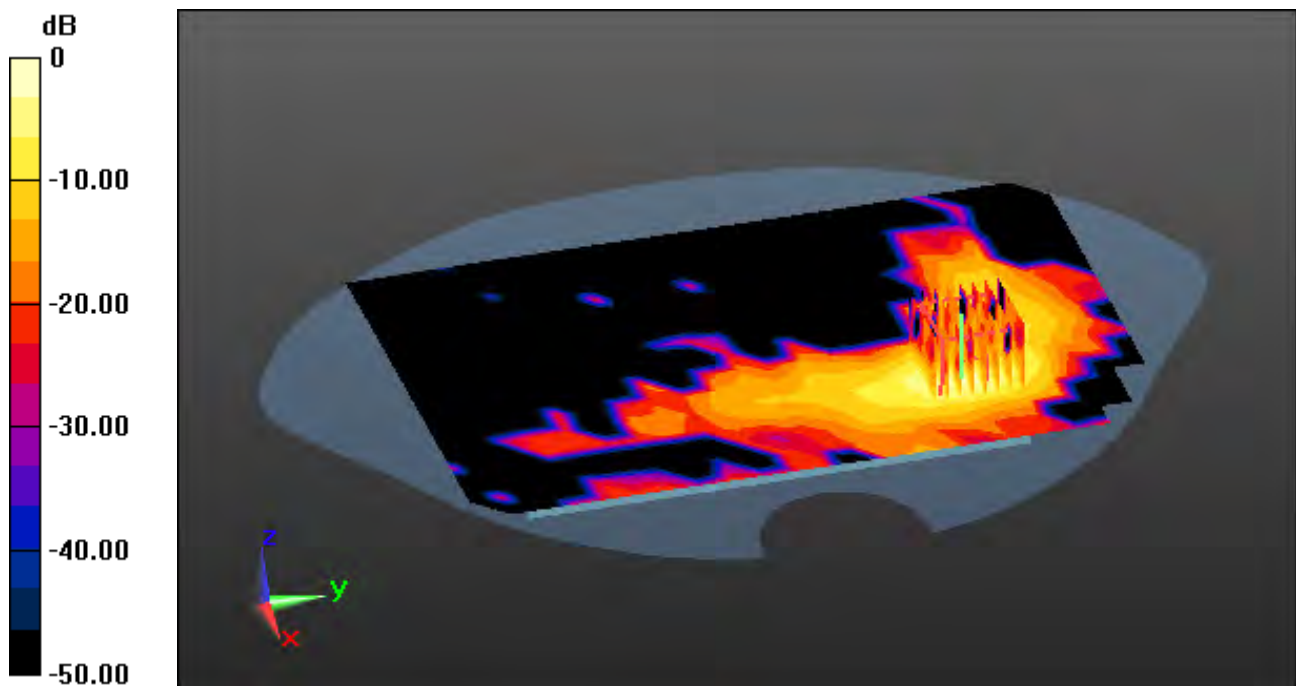
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

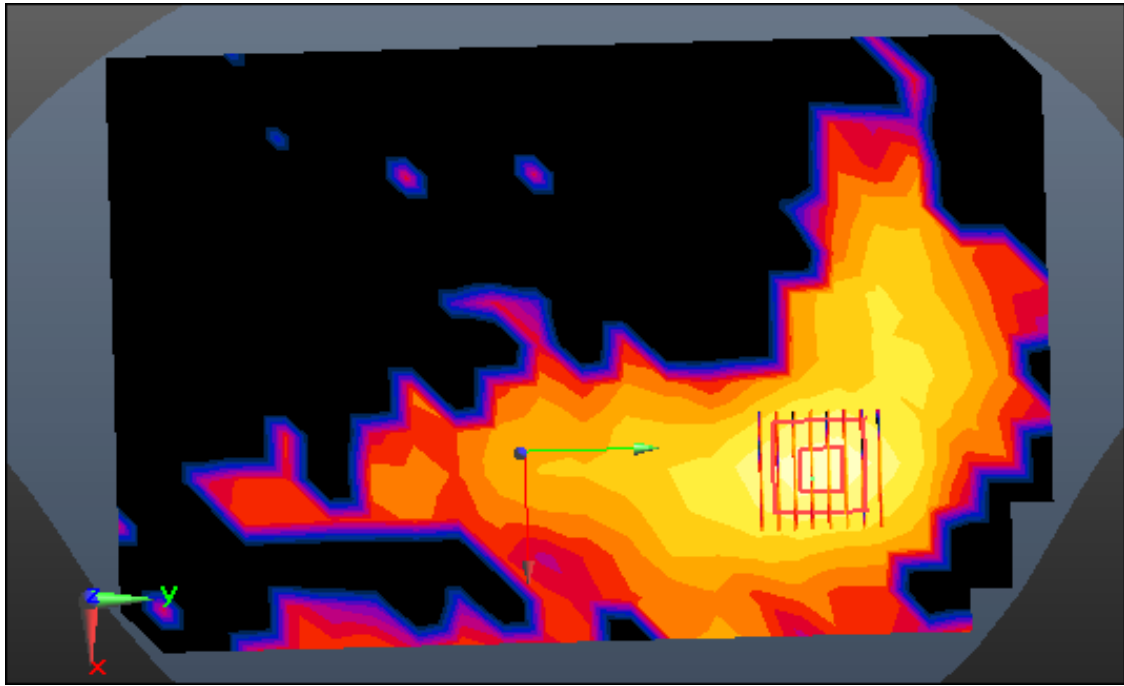
Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.414 W/kg



Enlarged Plot for A40

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.896 \text{ S/m}$; $\epsilon_r = 48.74$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 144, Ant Internal, Ant.2

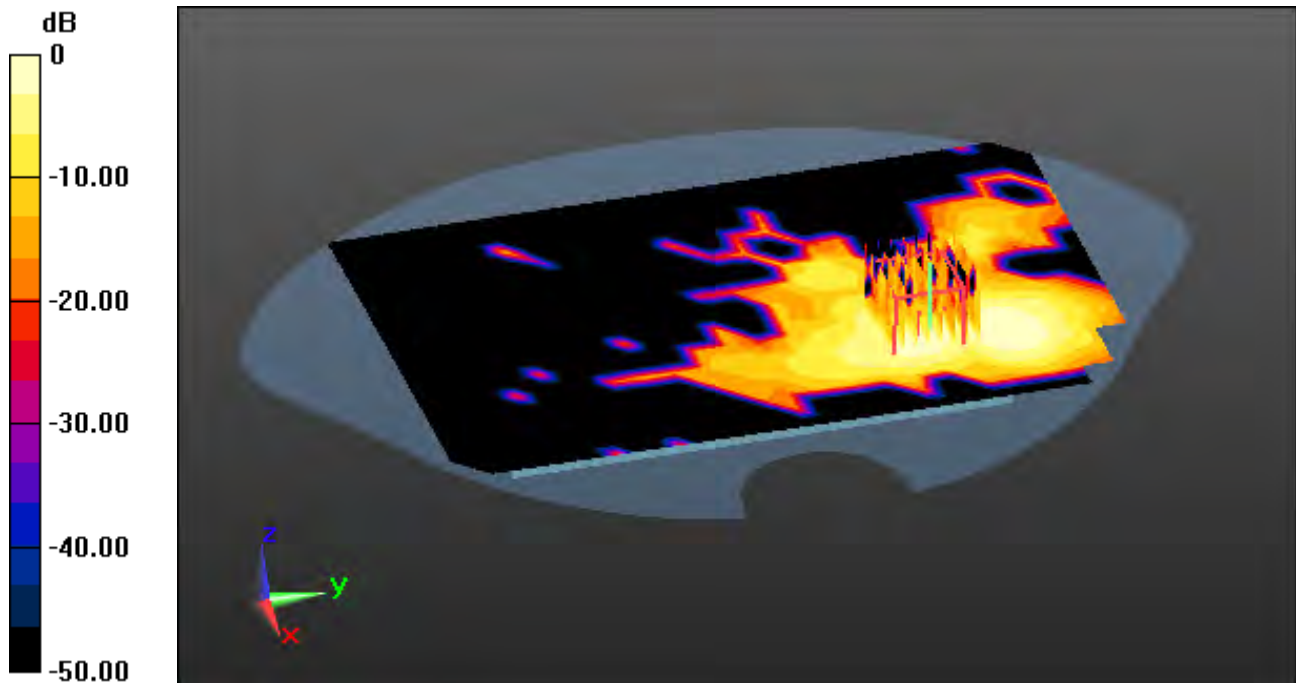
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

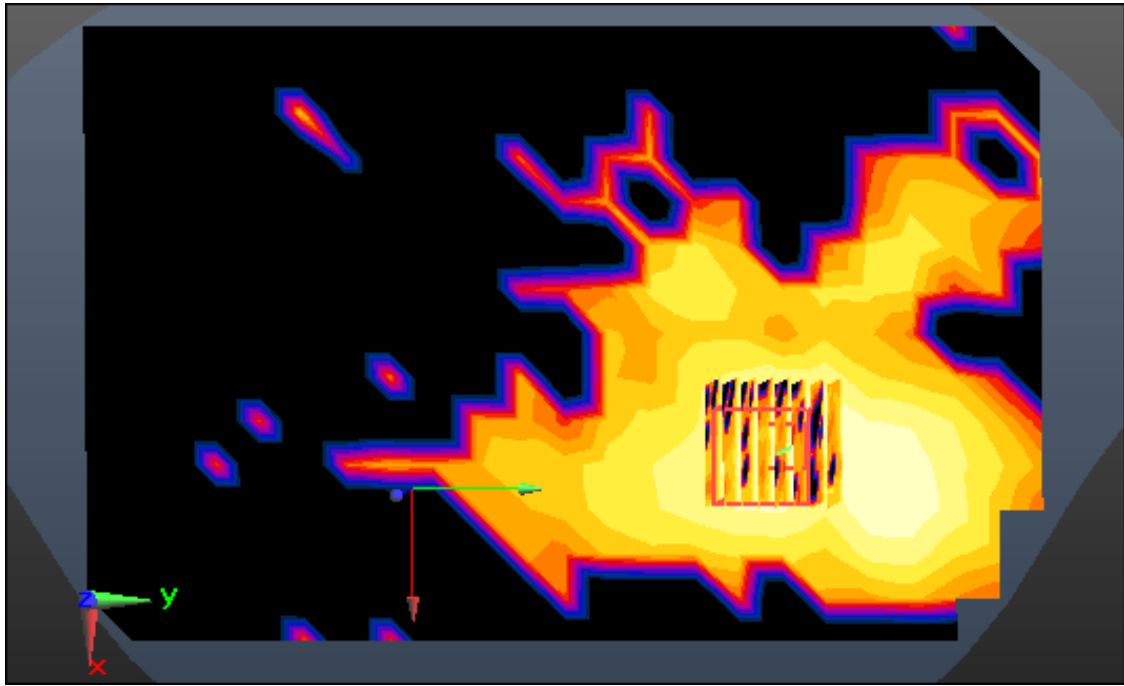
Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.120 W/kg



Enlarged Plot for A41

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5660$ MHz; $\sigma = 5.817$ S/m; $\epsilon_r = 48.858$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, MIMO

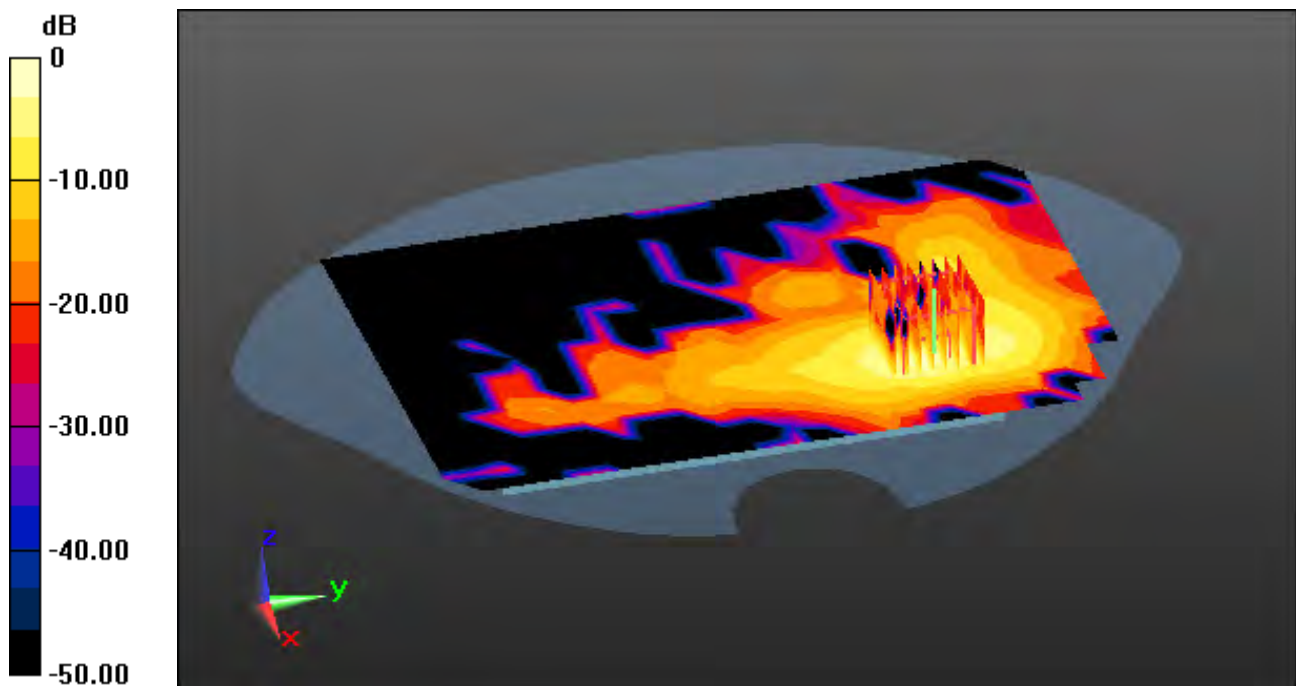
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

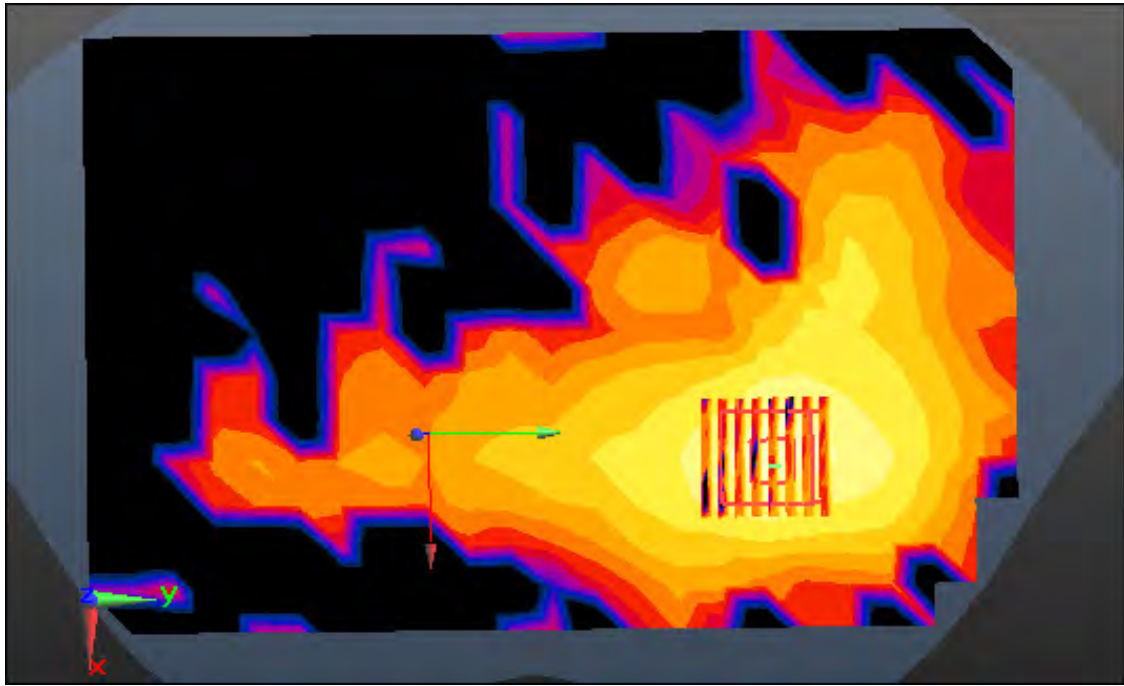
Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.788 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.493 W/kg



Enlarged Plot for A42

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.122 \text{ S/m}$; $\epsilon_r = 47.295$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 157, Ant Internal, Ant.1

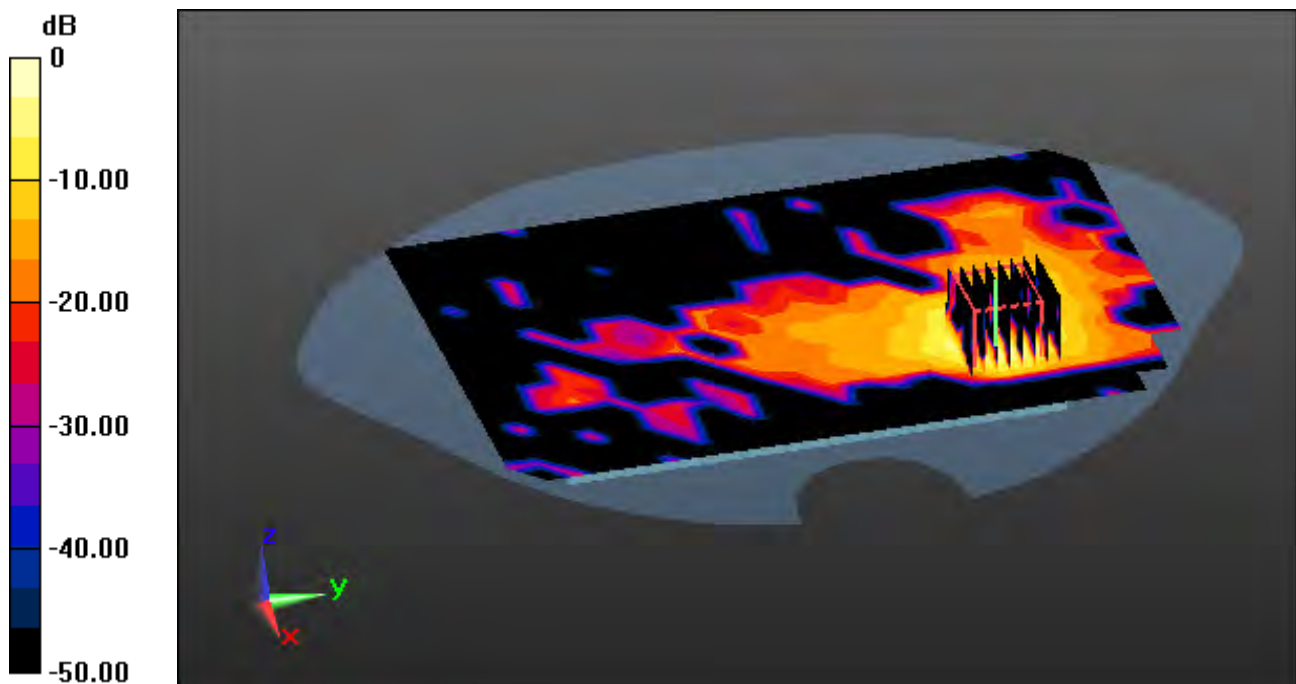
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

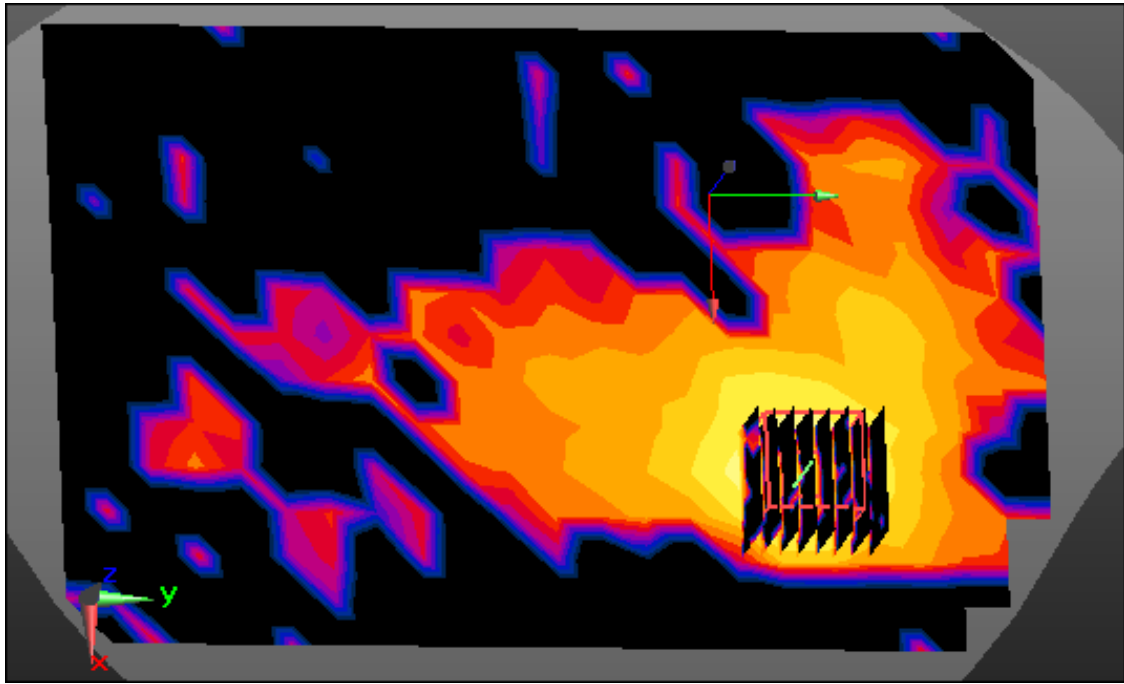
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.358 W/kg



Enlarged Plot for A43

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.101 \text{ S/m}$; $\epsilon_r = 47.596$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

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

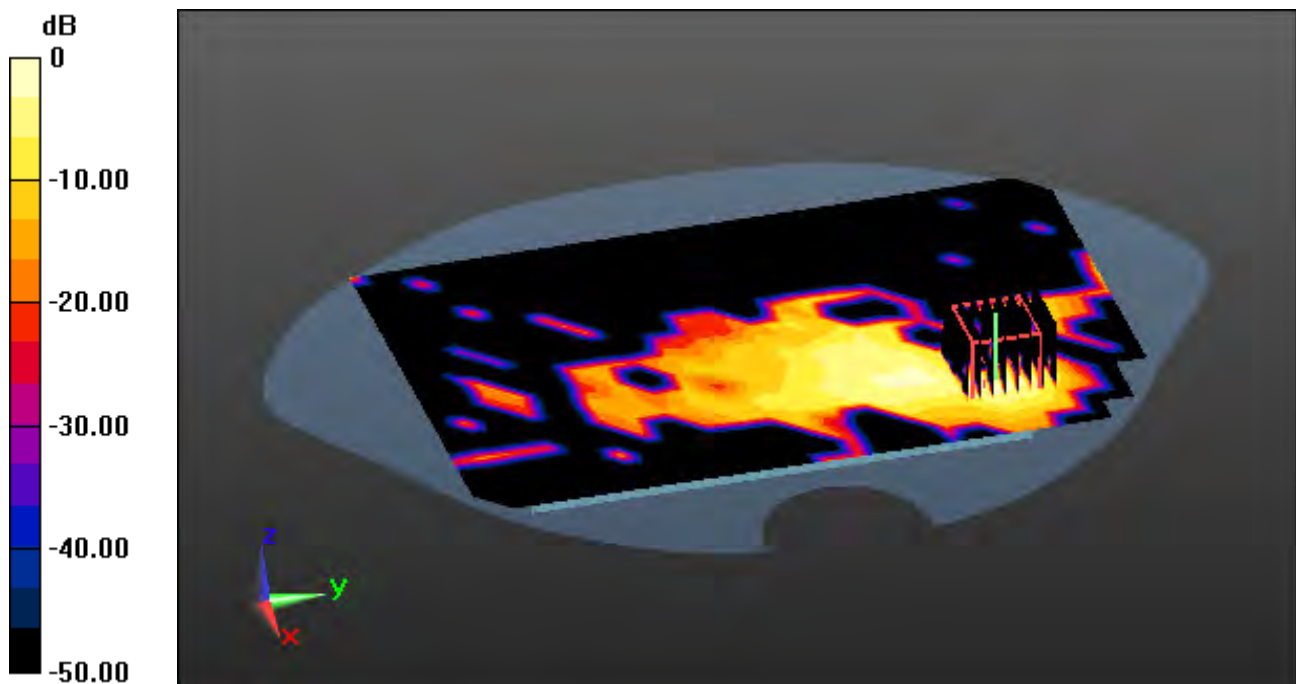
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

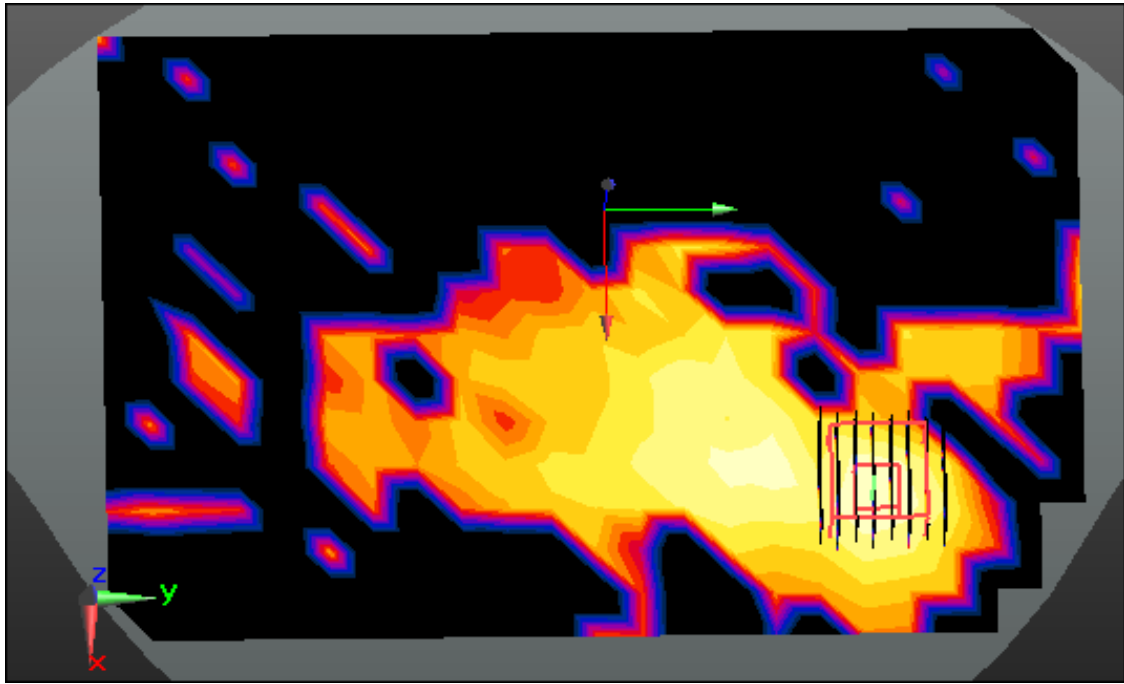
Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00959 W/kg



0 dB = 0.0972 W/kg



Enlarged Plot for A44

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.122 \text{ S/m}$; $\epsilon_r = 47.295$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

1 cm space from Body, Rear, WLAN(802.11a) Ch. 157, Ant Internal, MIMO

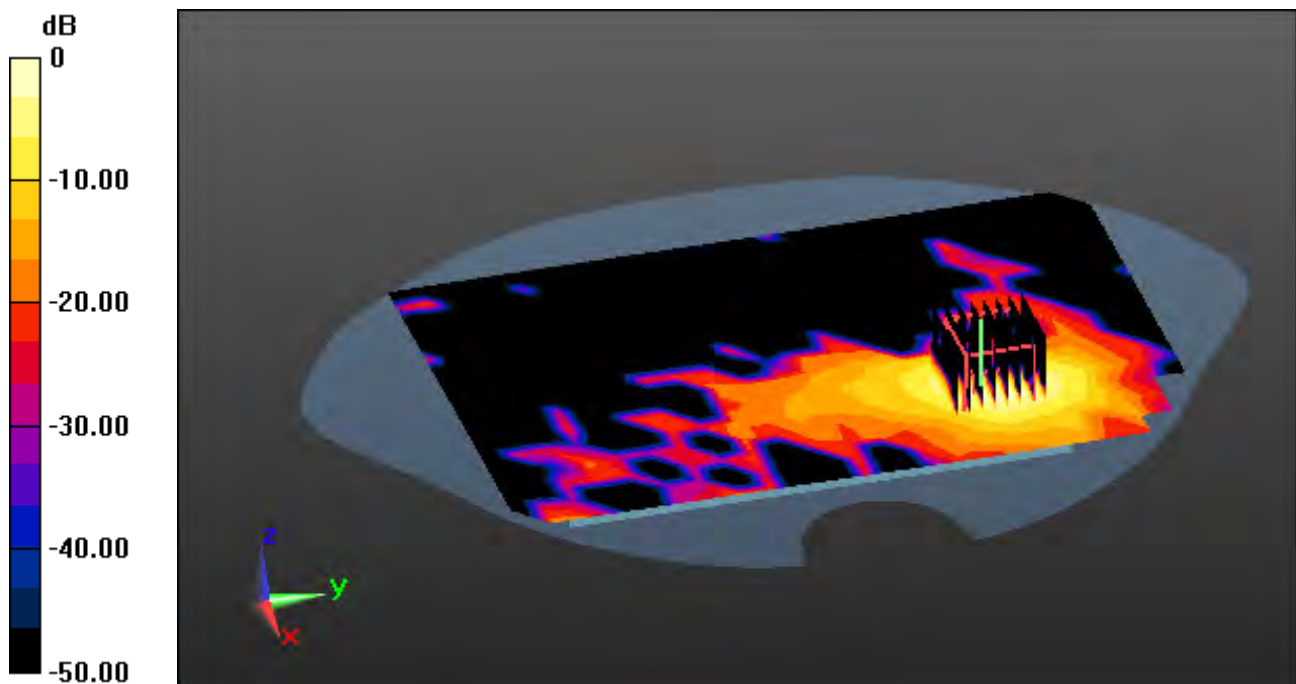
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

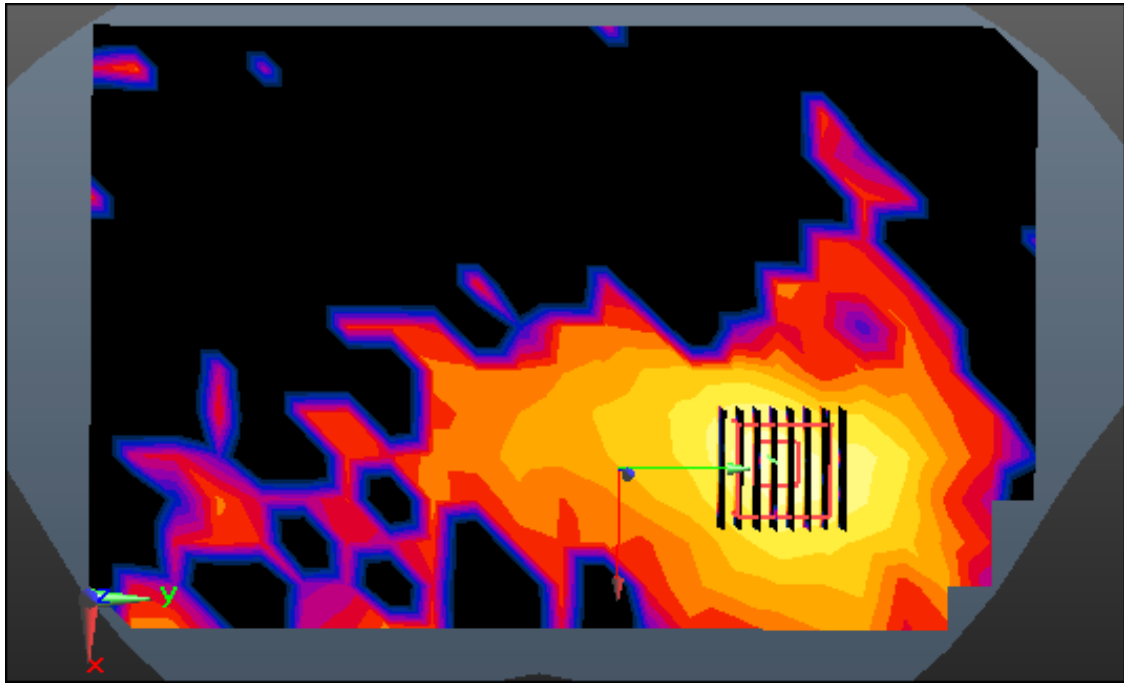
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.034 W/kg



0 dB = 0.348 W/kg



Enlarged Plot for A45

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.916 \text{ S/m}$; $\epsilon_r = 51.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

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

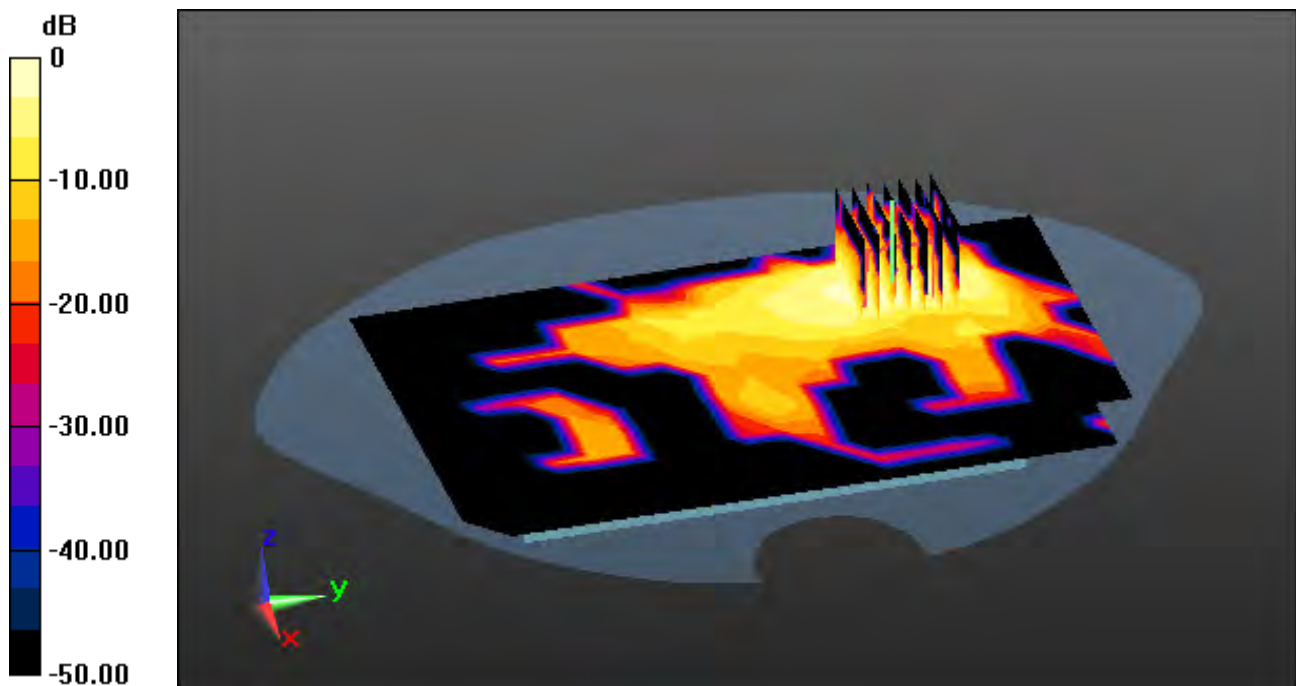
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.0391 W/kg



Enlarged Plot for A46

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, PCS1900_4 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.005$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-06; Ambient Temp: 22.6; Tissue Temp: 22.1

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

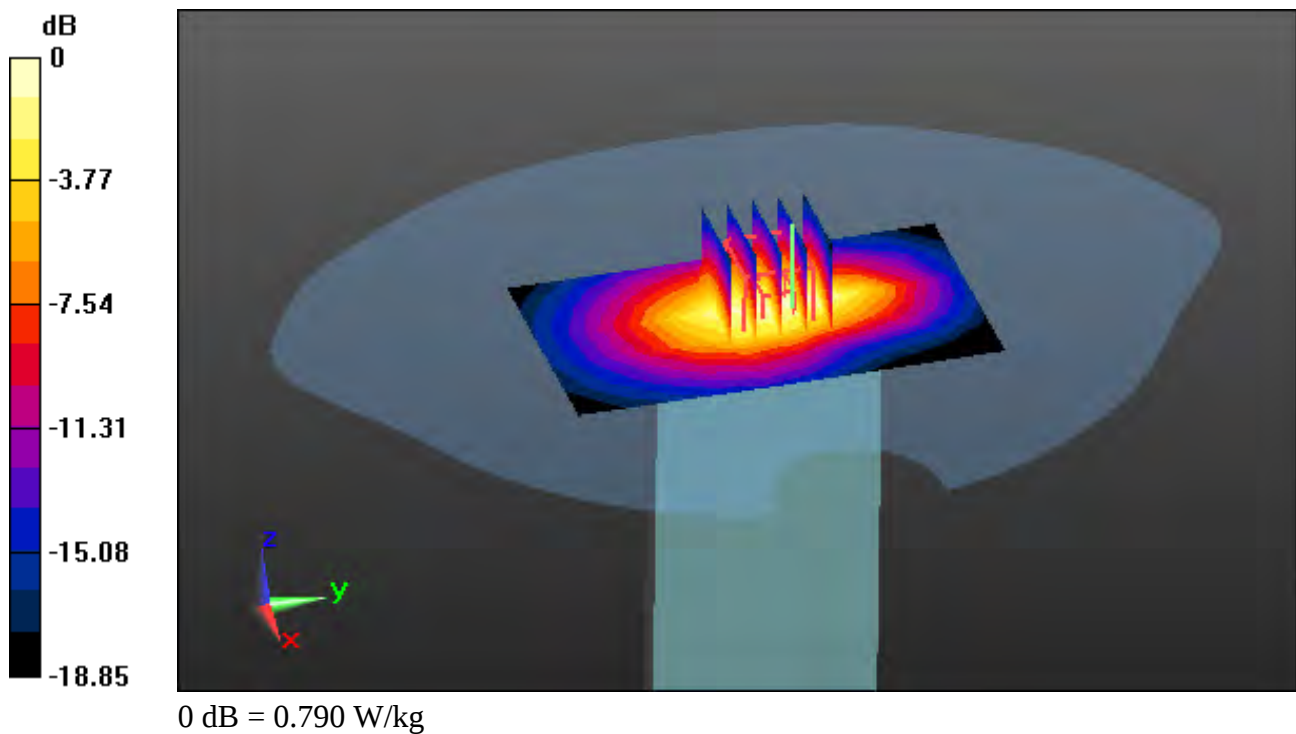
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

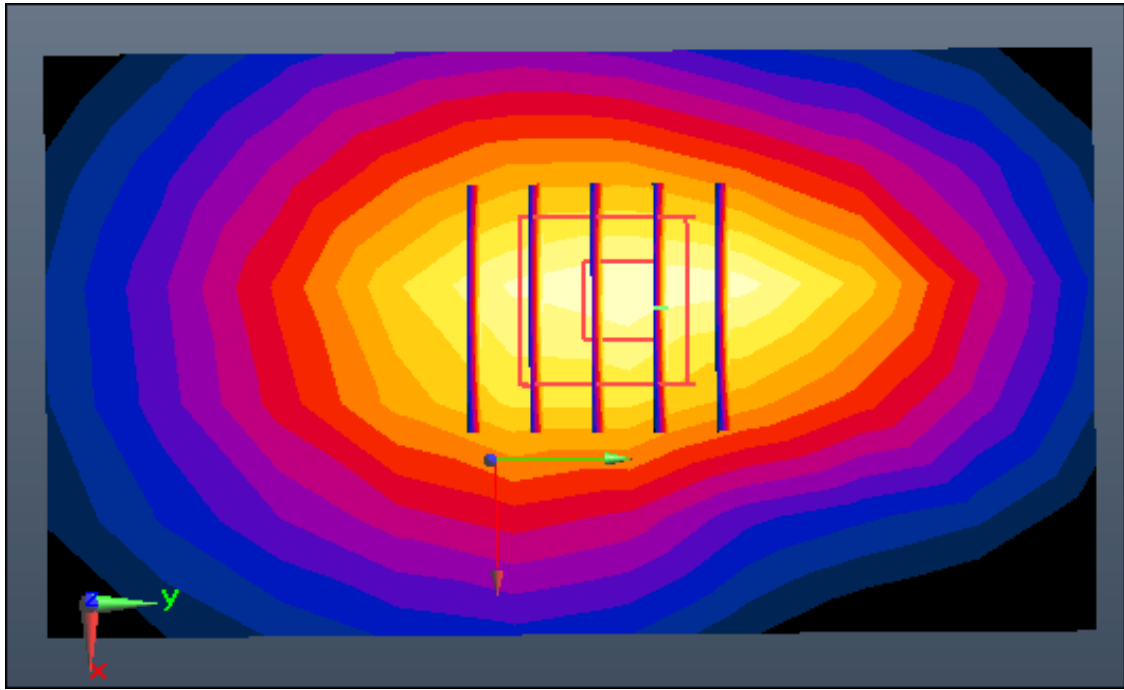
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.306 W/kg





Enlarged Plot for A47

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 1.447$ S/m; $\epsilon_r = 53.719$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-08; Ambient Temp: 22.2; Tissue Temp: 21.8

1 cm space from Body, Bottom, WCDMA Band 4 Ch. 1412, Ant Internal

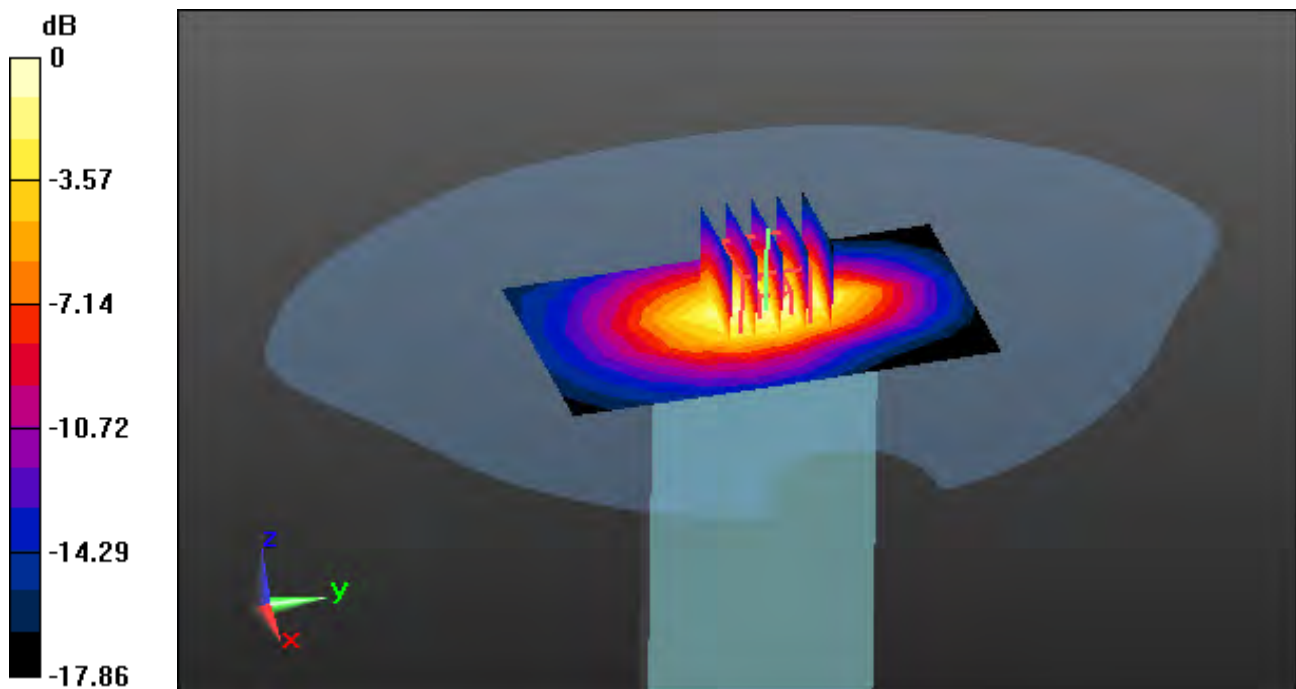
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

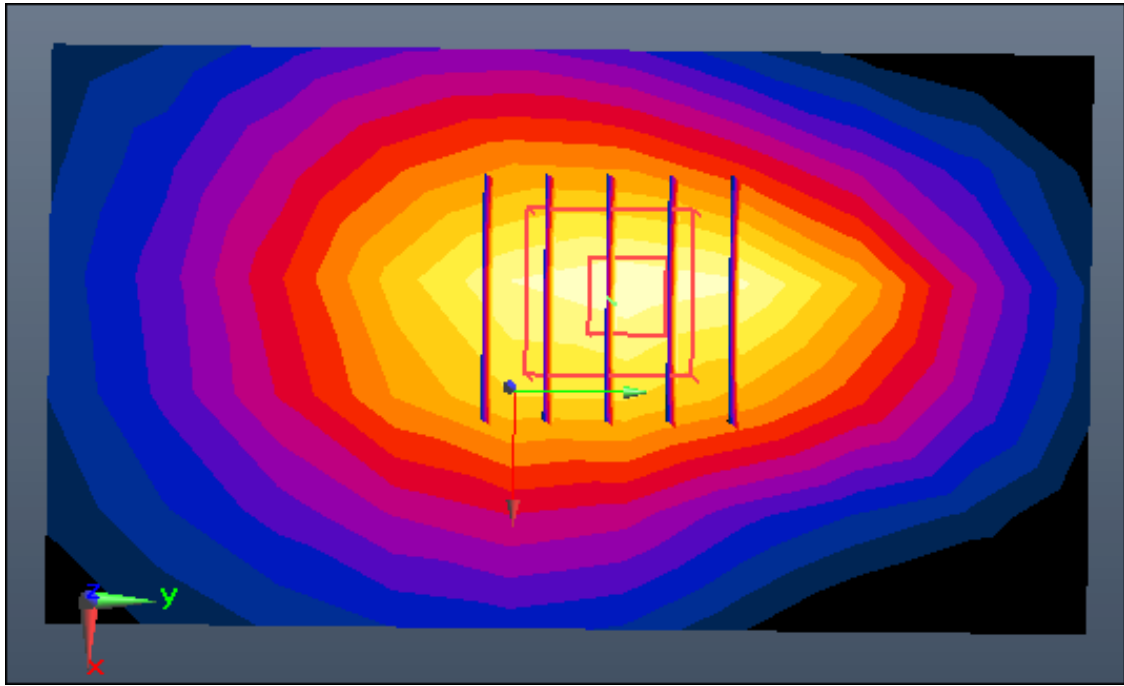
Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.377 W/kg



0 dB = 0.925 W/kg



Enlarged Plot for A48

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.487 \text{ S/m}$; $\epsilon_r = 52.114$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1783

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

Test Date: 2019-08-07; Ambient Temp: 21.2; Tissue Temp: 20.8

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

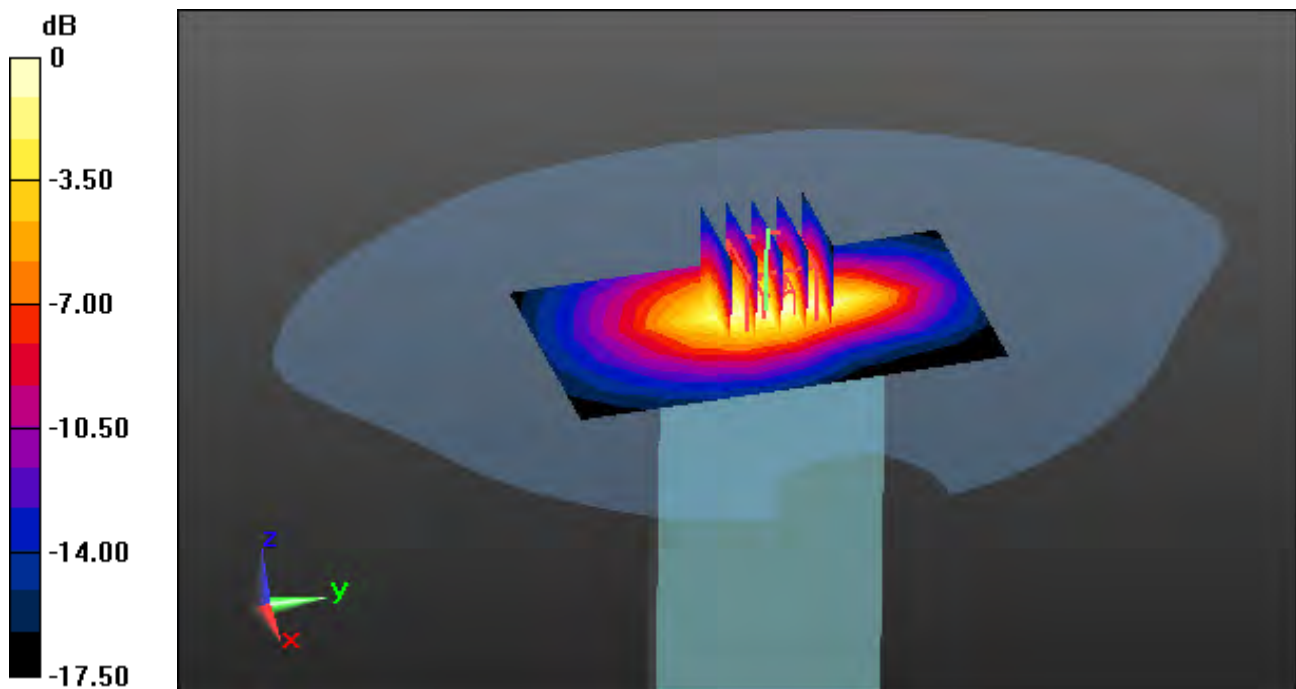
Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

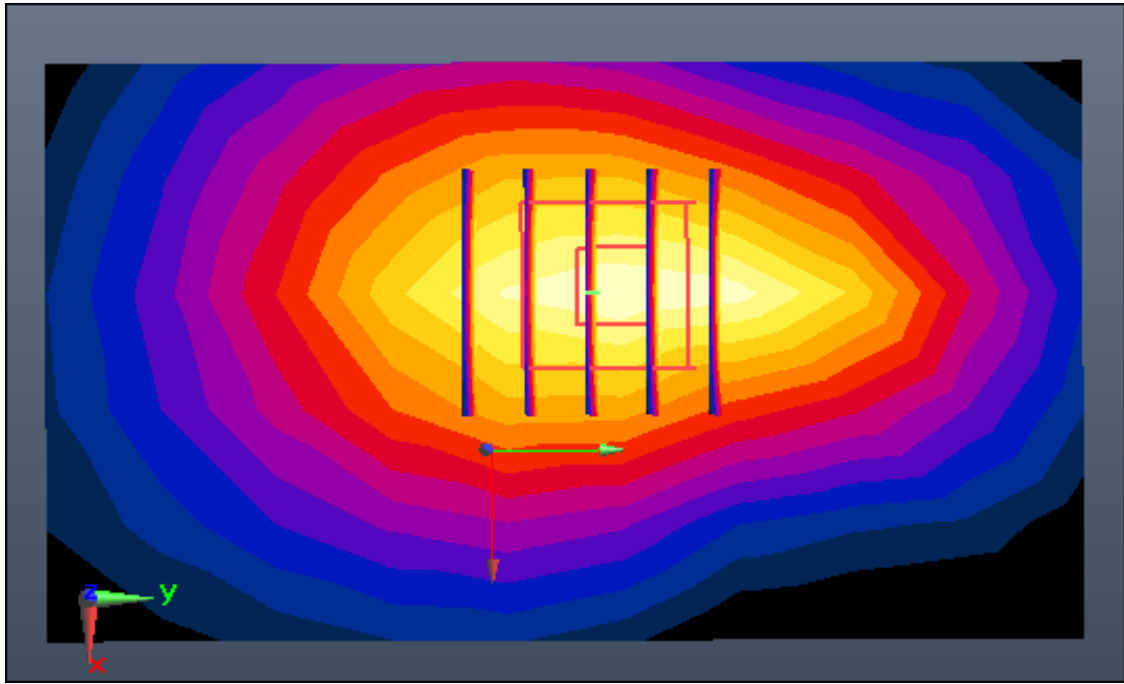
Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.392 W/kg



0 dB = 0.966 W/kg



Enlarged Plot for A49

DT&C Co., Ltd.

DUT: KA1935; 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; $\sigma = 1.441$ S/m; $\epsilon_r = 53.633$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1783

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

Test Date: 2019-08-12; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Bottom, LTE Band 4 Ch. 20175, Ant Internal

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

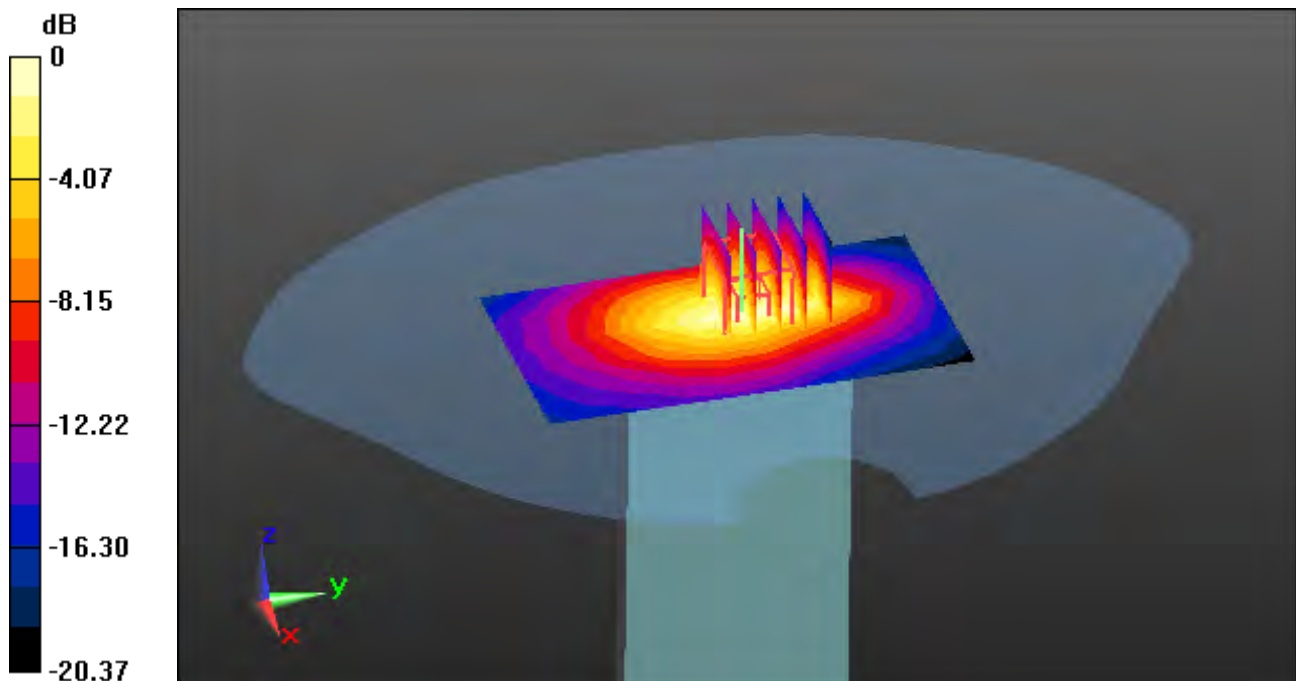
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

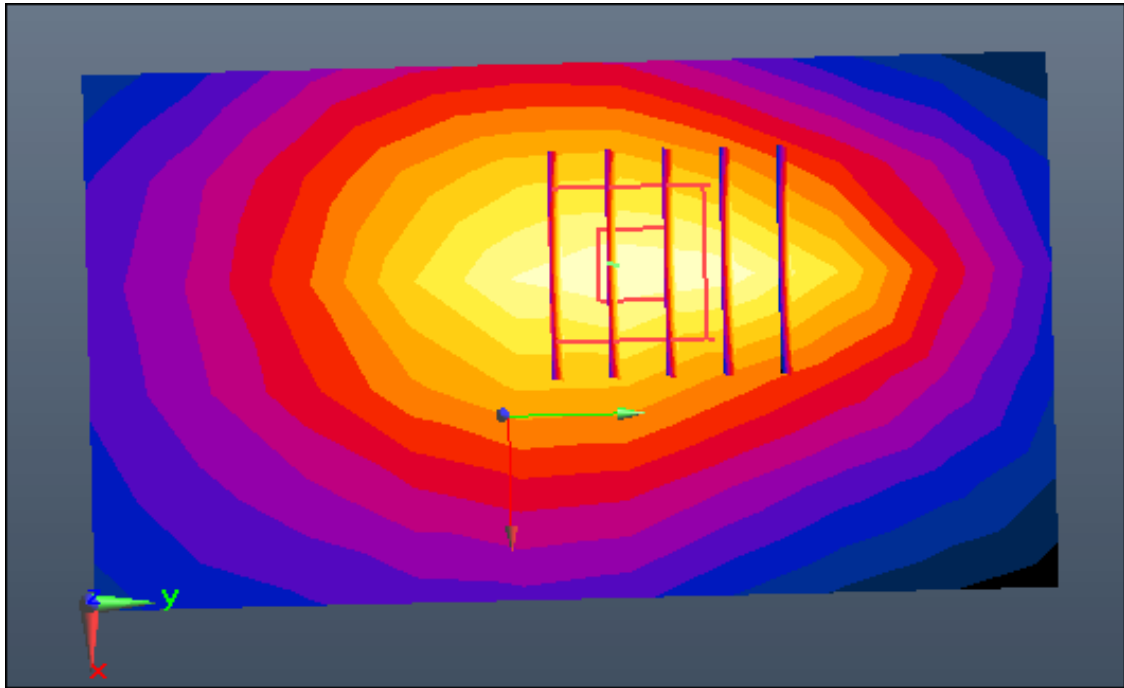
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.294 W/kg



0 dB = 0.698 W/kg



Enlarge Plot for A50

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.501$ S/m; $\epsilon_r = 51.604$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1783

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

Test Date: 2019-08-09; Ambient Temp: 21.9; Tissue Temp: 21.6

1 cm space from Body, Bottom, LTE Band 2 Ch. 19100, Ant Internal

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

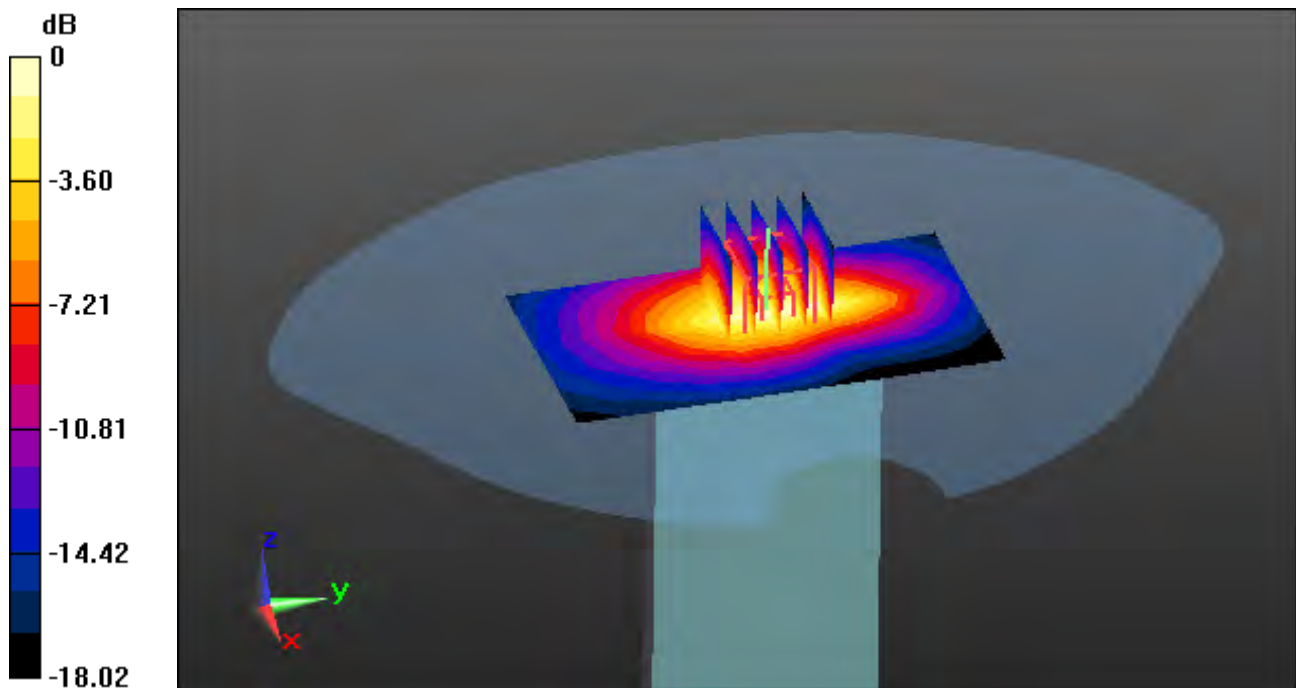
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

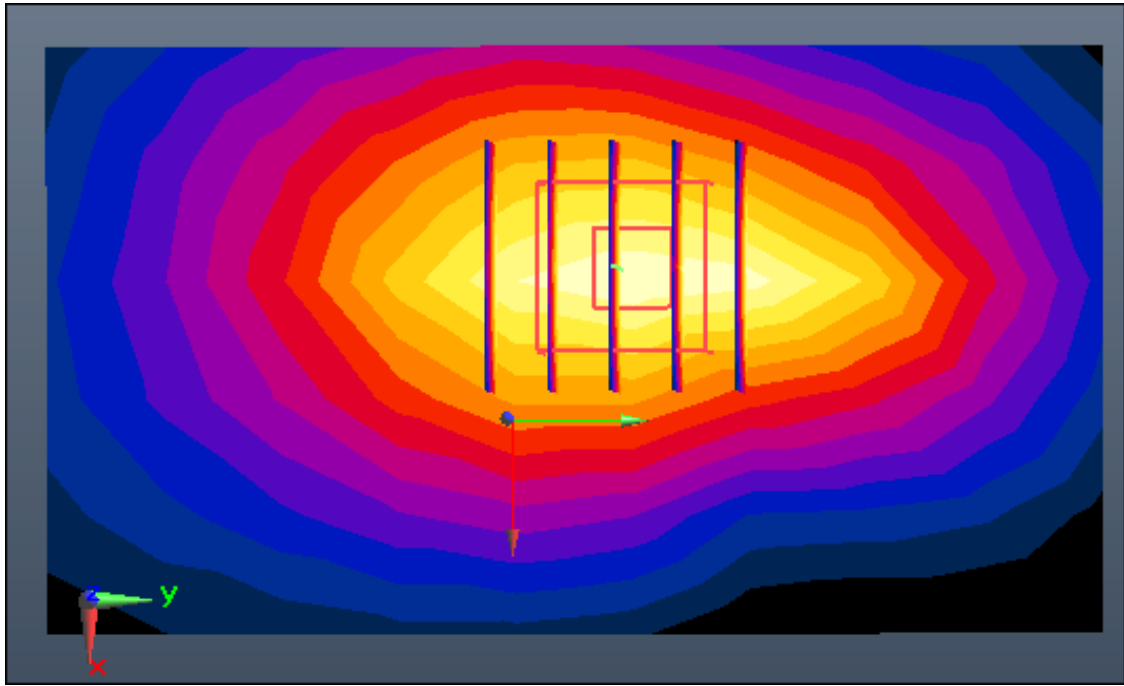
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.412 W/kg



0 dB = 1.04 W/kg



Enlarged Plot for A51

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, LTE Band 41(TDD) (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2636.5$ MHz; $\sigma = 2.213$ S/m; $\epsilon_r = 53.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59) @ 2636.5 MHz; Calibrated: 2018-11-22

Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-08-13; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Bottom, LTE Band 41 Ch. 41055, Ant Internal

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

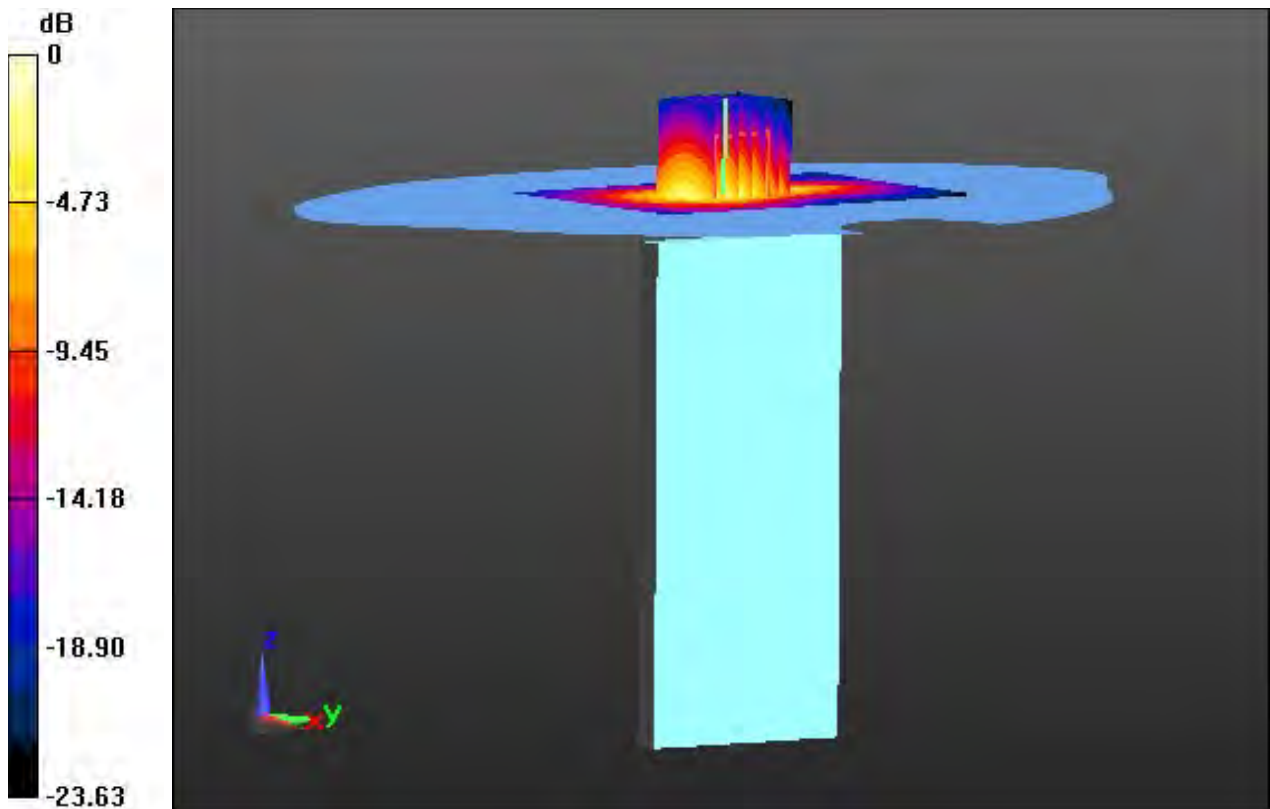
Area Scan (8x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

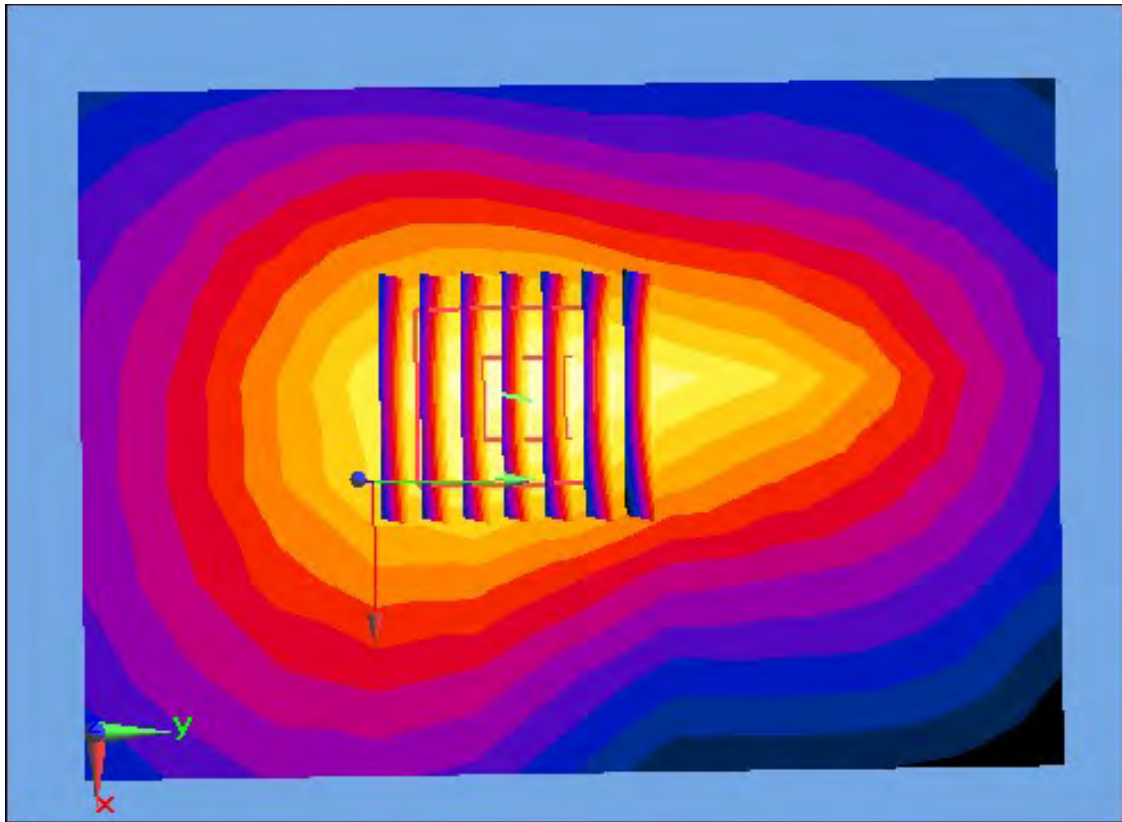
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.478 W/kg



0 dB = 1.49 W/kg



Enlarge Plot for A52

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.911 \text{ S/m}$; $\epsilon_r = 51.819$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

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

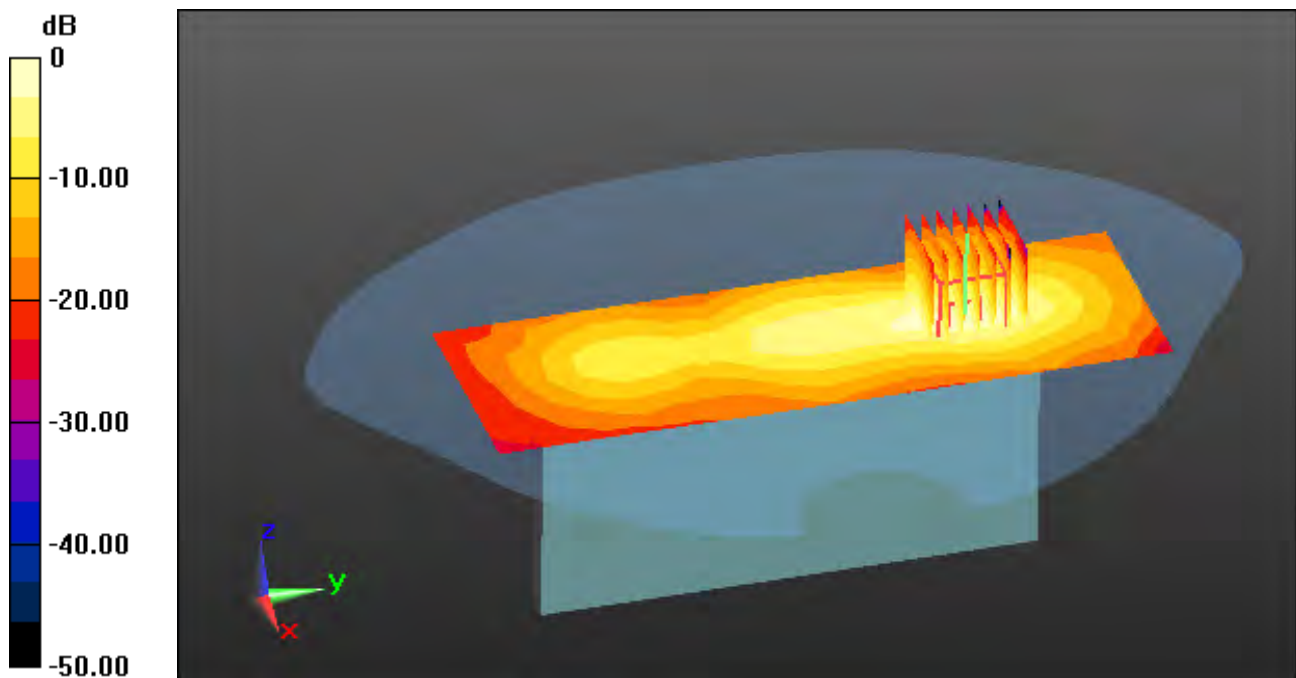
Area Scan (7x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

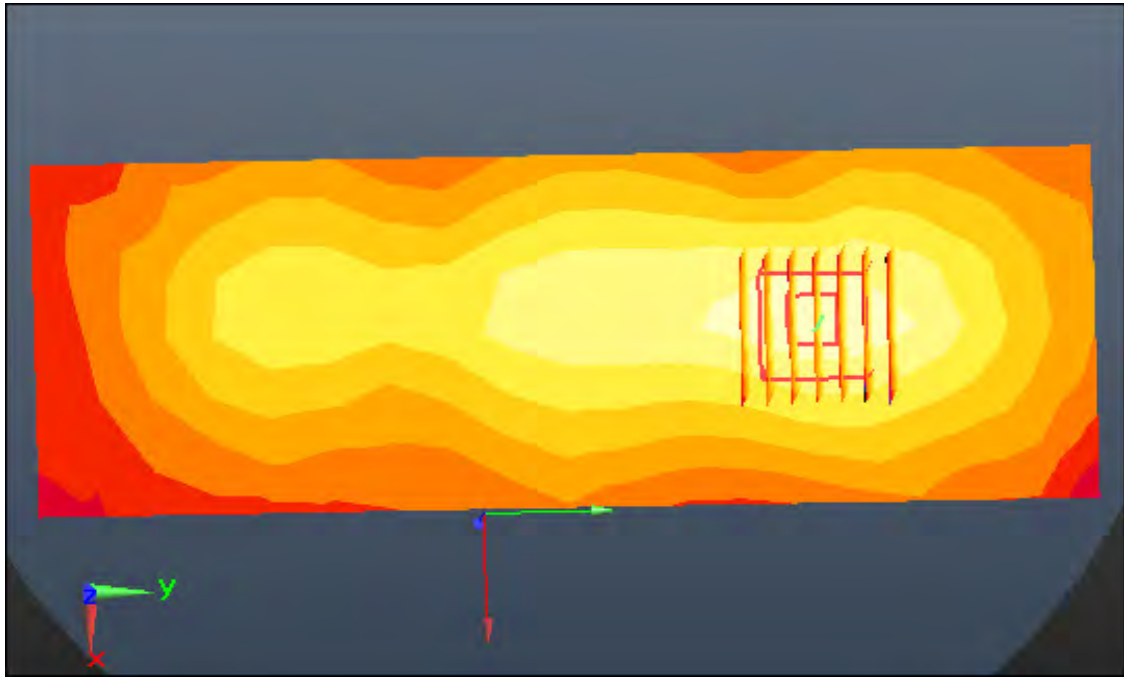
Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.243 W/kg



Enlarged Plot for A53

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 51.819$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Left, WLAN(802.11b) Ch. 6, Ant Internal, Ant.2

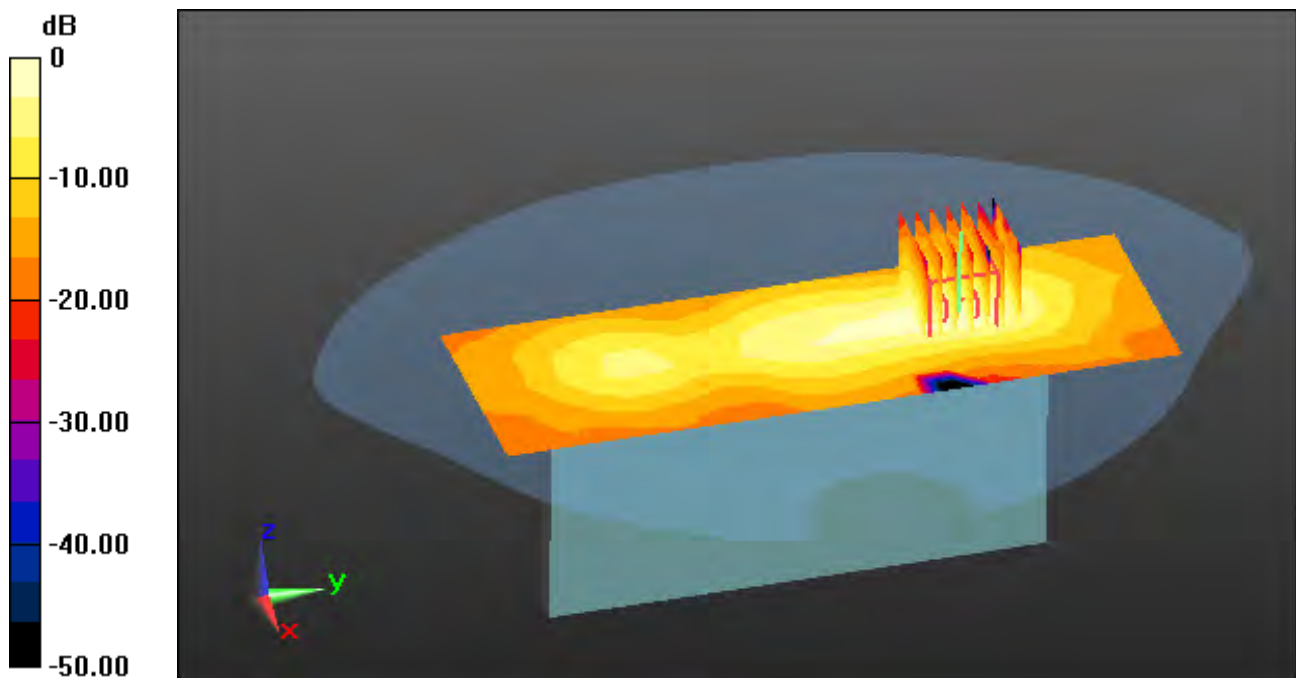
Area Scan (7x19x1): Measurement grid: dx=12mm, dy=12mm

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

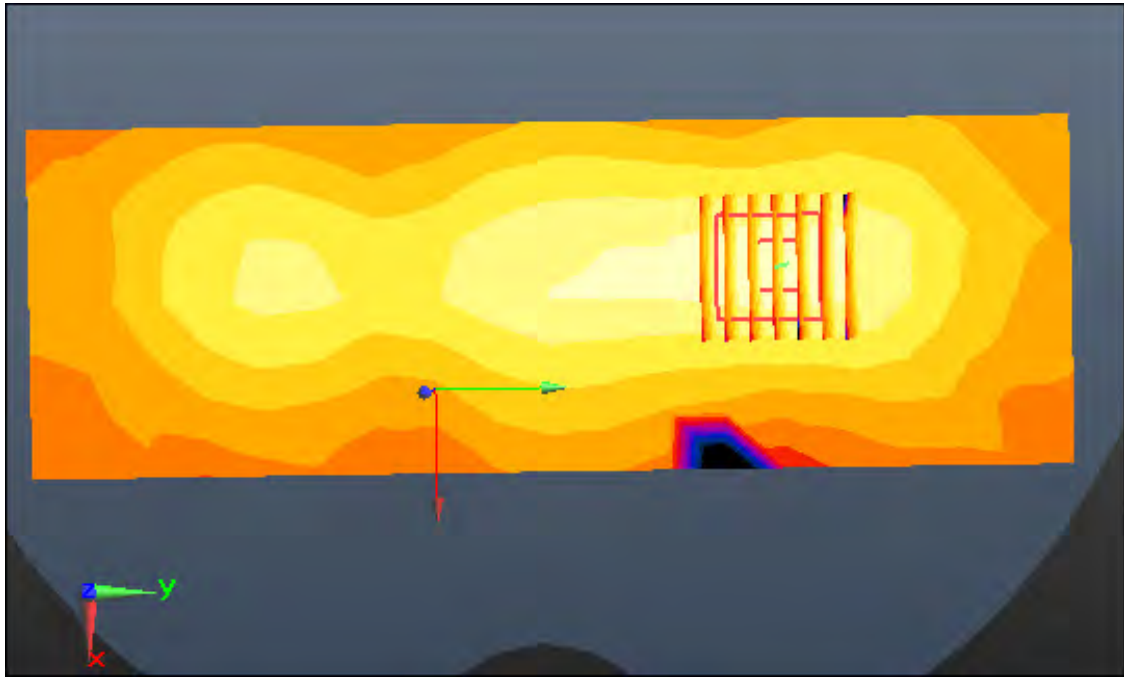
Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.223 W/kg



Enlarged Plot for A54

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.911 \text{ S/m}$; $\epsilon_r = 51.819$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

1 cm space from Body, Right, WLAN(802.11g) Ch. 6, Ant Internal, MIMO

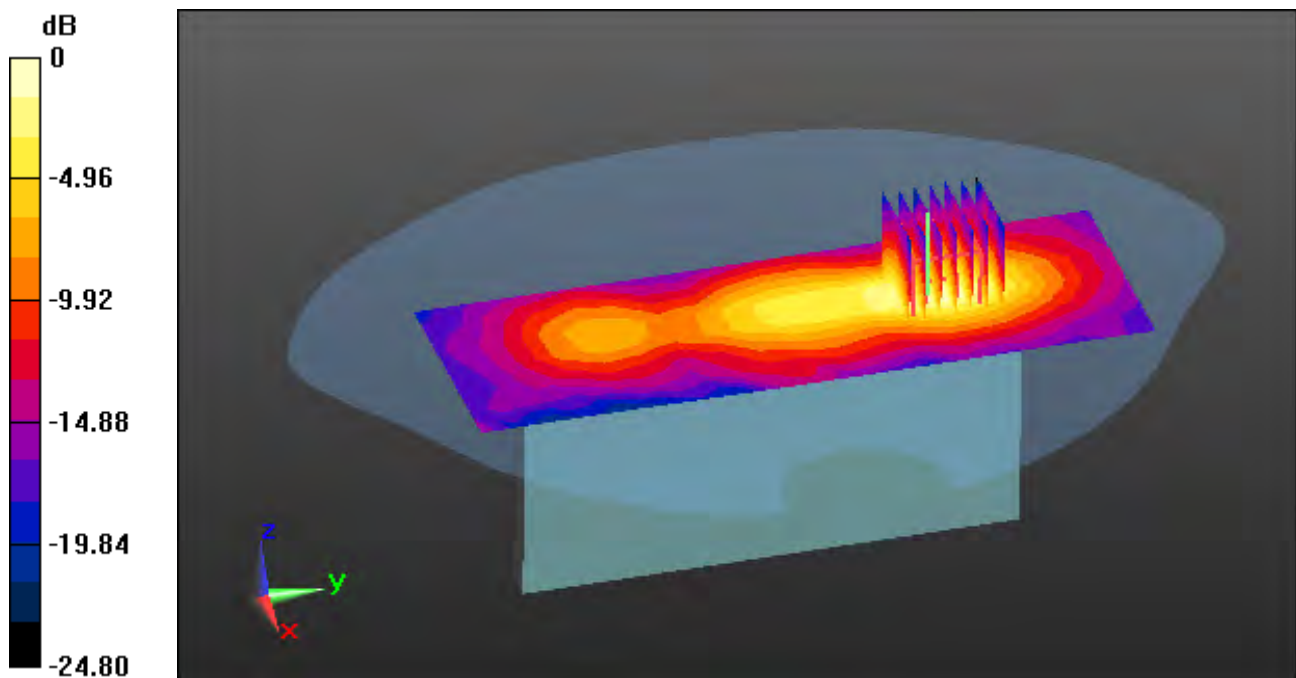
Area Scan (7x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

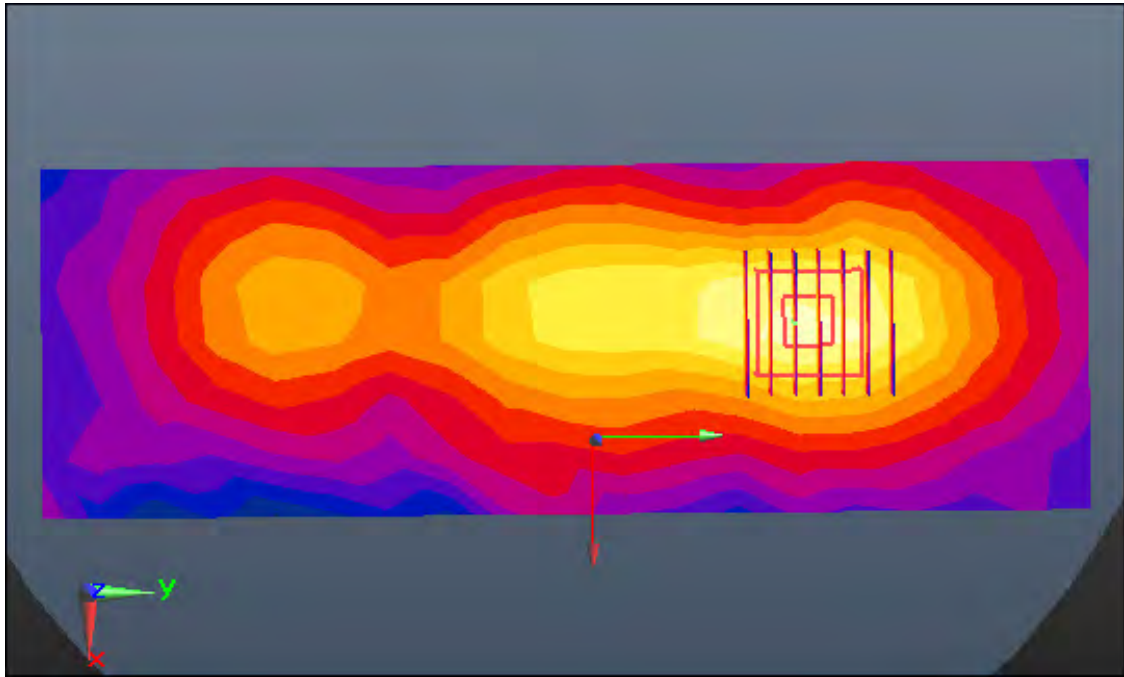
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.217 W/kg



Enlarged Plot for A55

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5180 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.186 \text{ S/m}$; $\epsilon_r = 50.545$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-21; Ambient Temp: 21.6; Tissue Temp: 21.3

1 cm space from Body, Rear, WLAN(802.11a) Ch. 36, Ant Internal, Ant.1

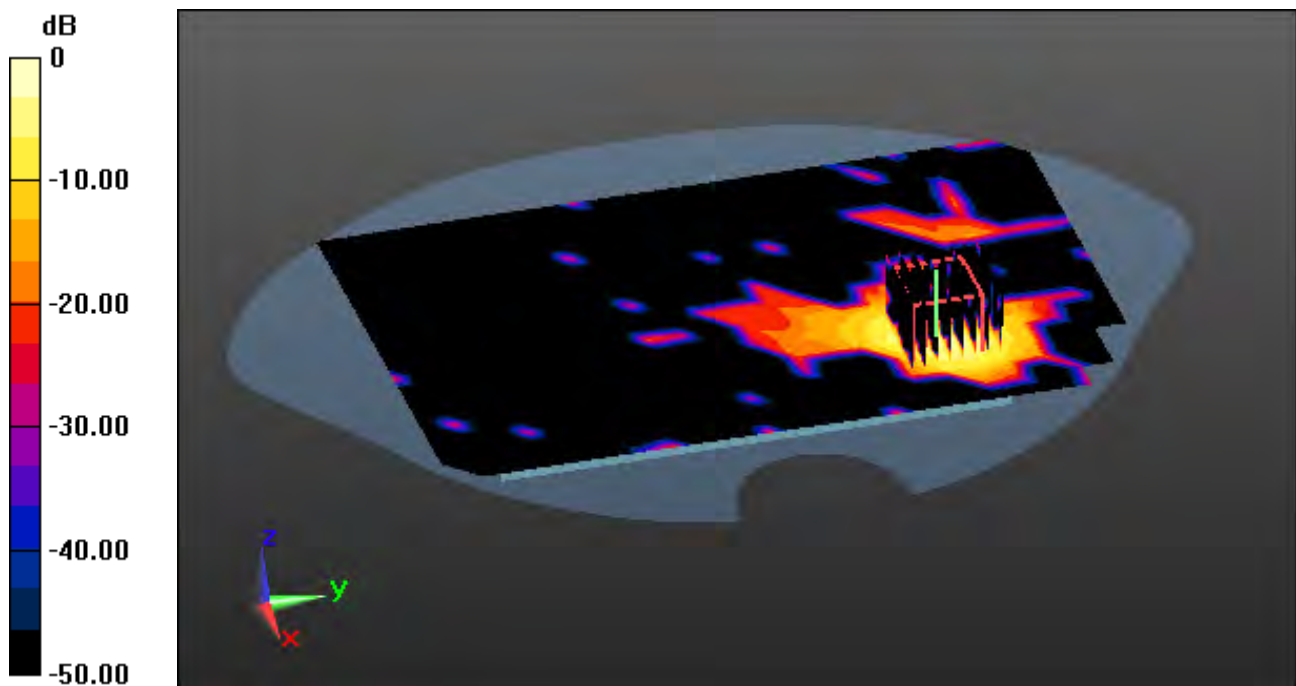
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

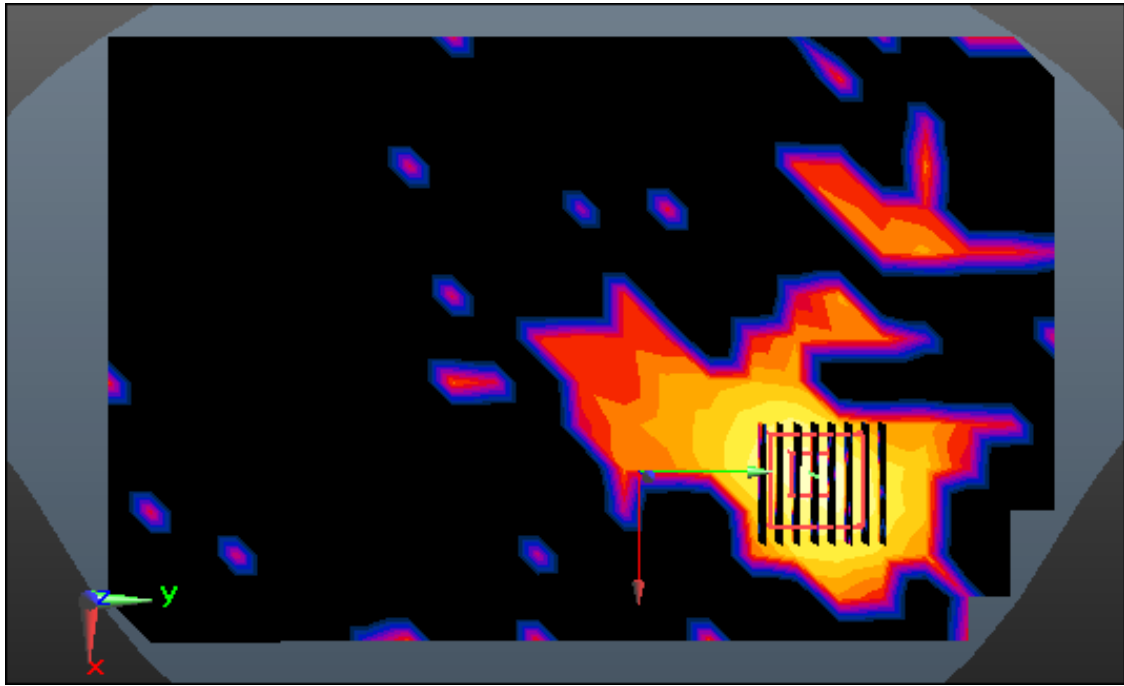
Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.016 W/kg



0 dB = 0.180 W/kg



Enlarged Plot for A56

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.25 \text{ S/m}$; $\epsilon_r = 50.474$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-21; Ambient Temp: 21.6; Tissue Temp: 21.3

1 cm space from Body, Left, WLAN(802.11a) Ch. 44, Ant Internal, Ant.2

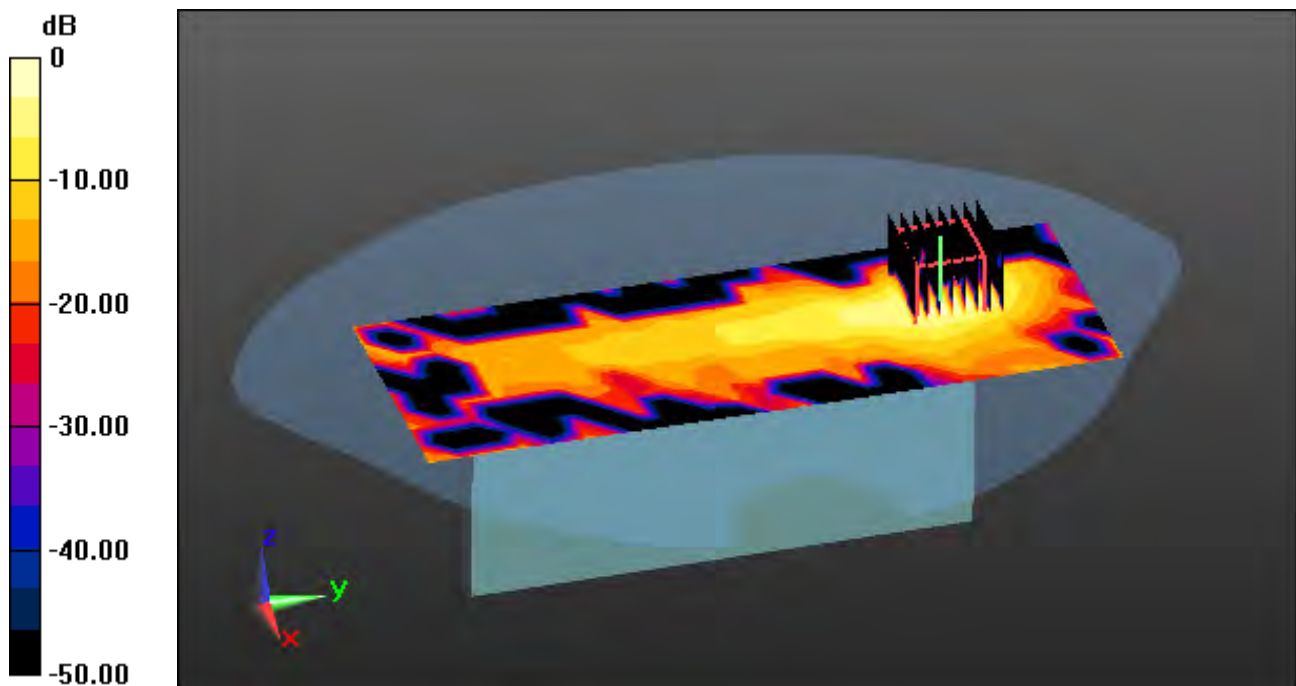
Area Scan (9x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

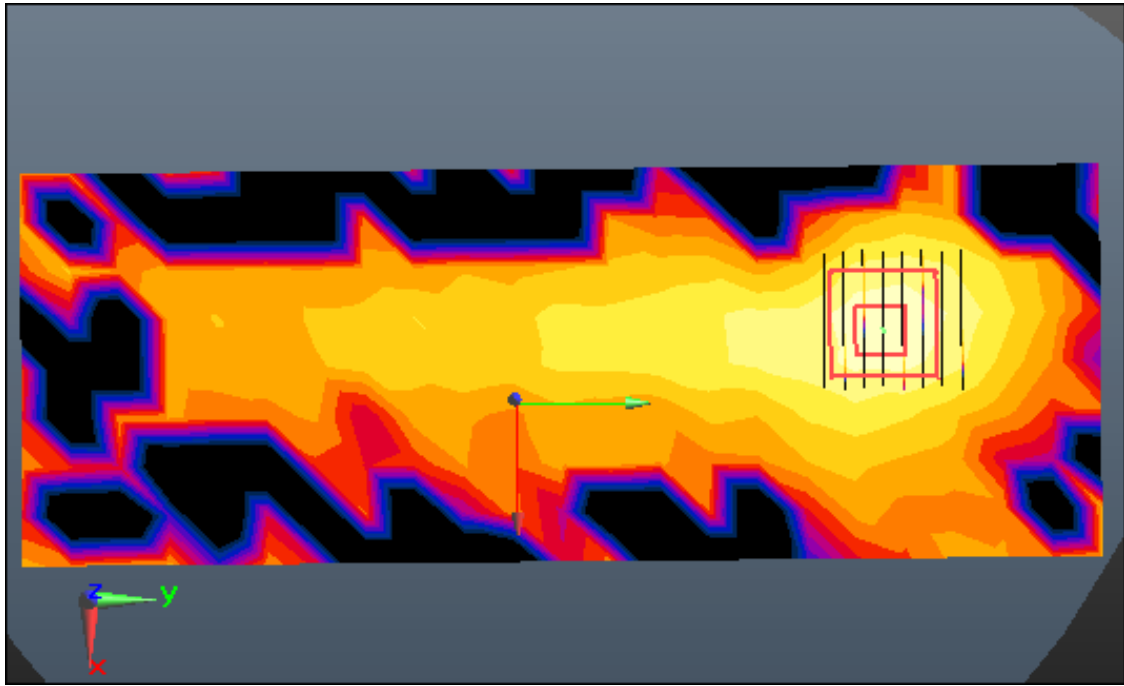
Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.016 W/kg



0 dB = 0.152 W/kg



Enlarged Plot for A57

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 5.25 \text{ S/m}$; $\epsilon_r = 50.474$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-21; Ambient Temp: 21.6; Tissue Temp: 21.3

1 cm space from Body, Rear, WLAN(802.11a) Ch. 44, Ant Internal, MIMO

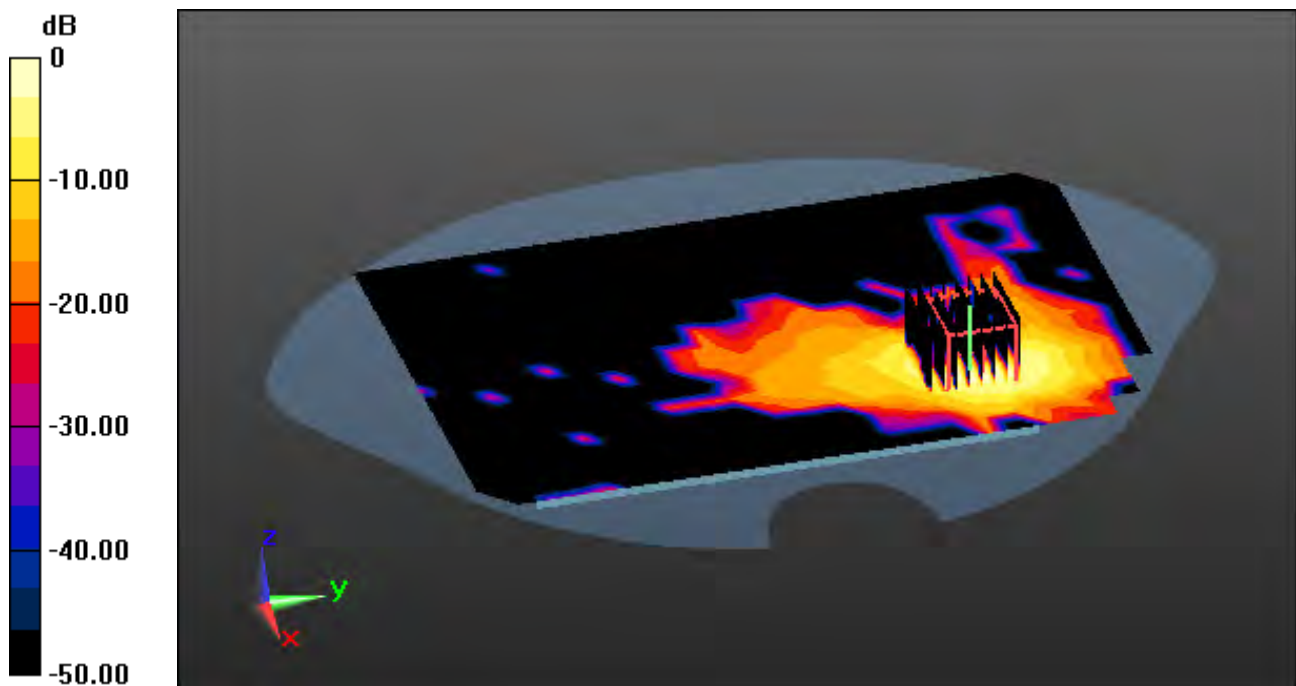
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

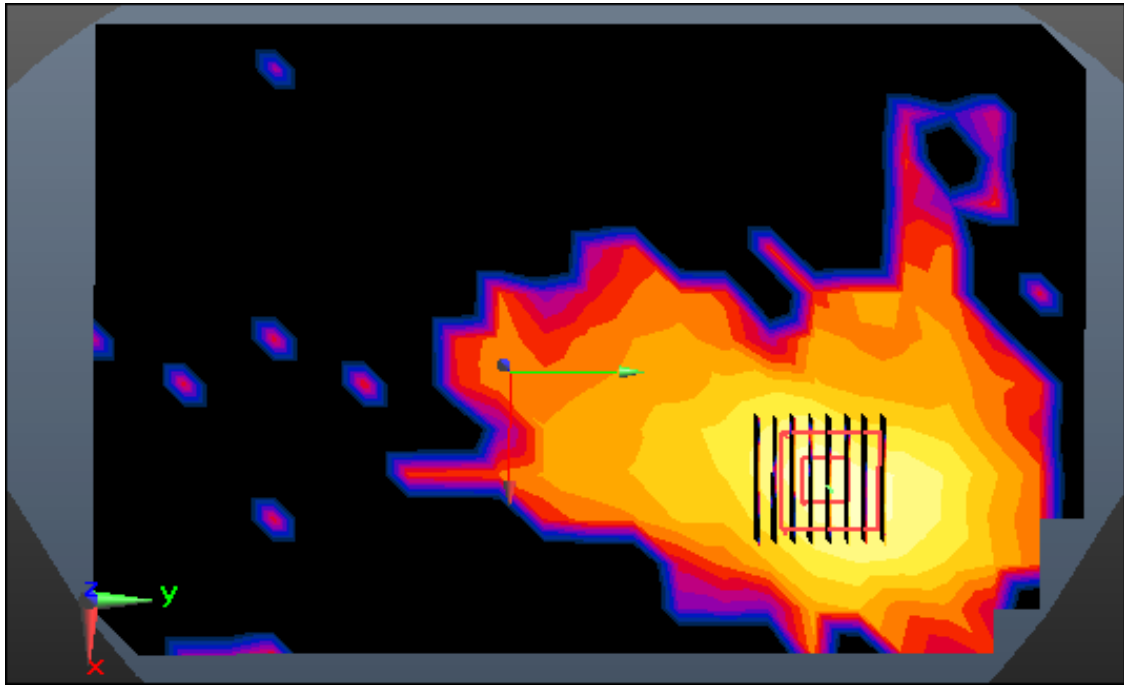
Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.243 W/kg



Enlarged Plot for A58

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.101 \text{ S/m}$; $\epsilon_r = 47.596$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

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

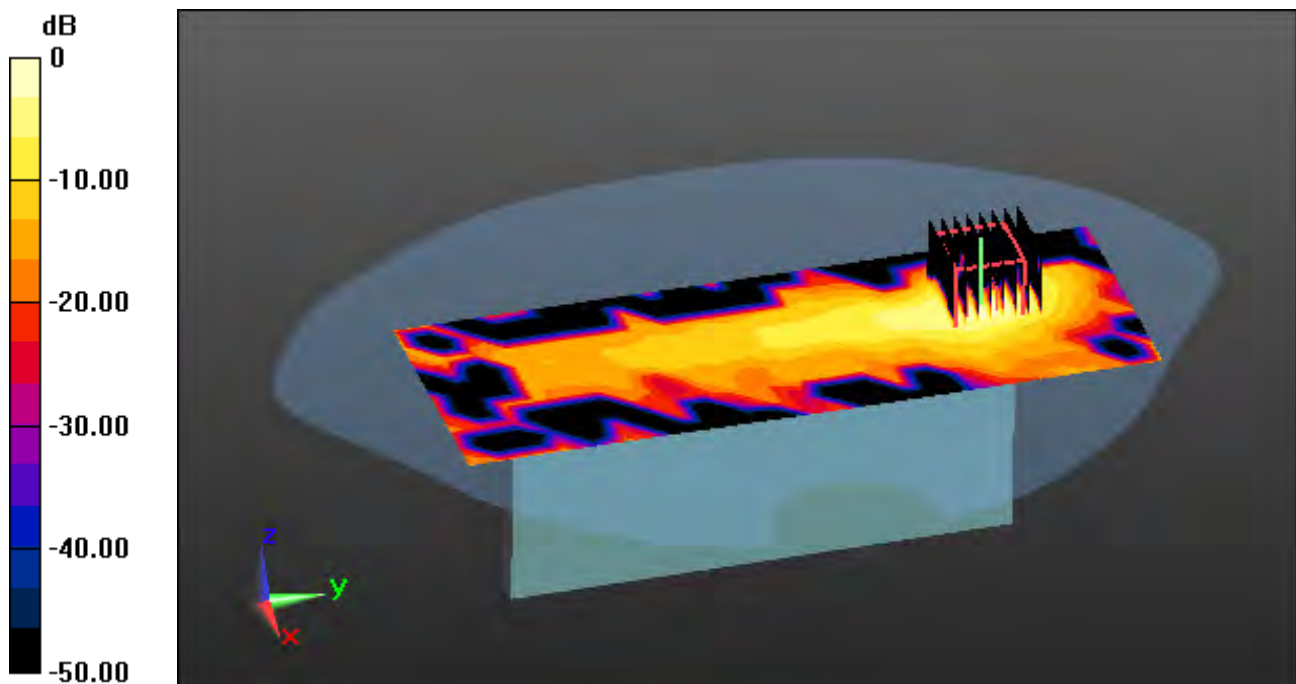
Area Scan (9x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

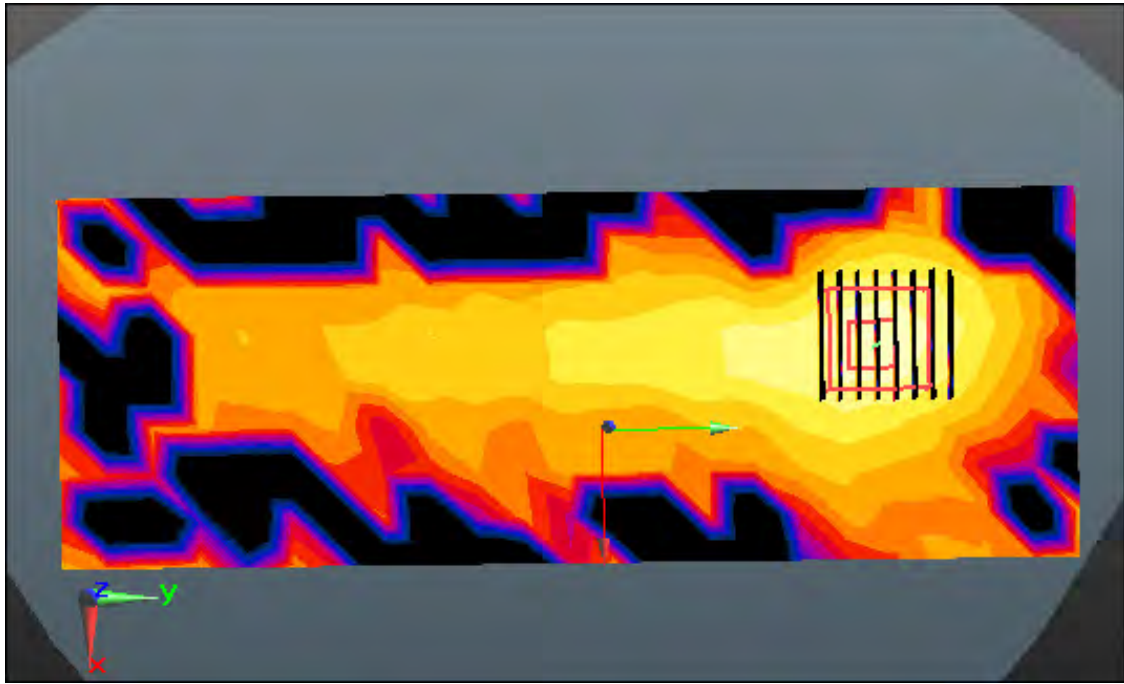
Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.196 W/kg



Enlarged Plot for A59

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.916 \text{ S/m}$; $\epsilon_r = 51.808$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.27, 7.27, 7.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

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: 2019-08-19; Ambient Temp: 22.1; Tissue Temp: 22.4

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

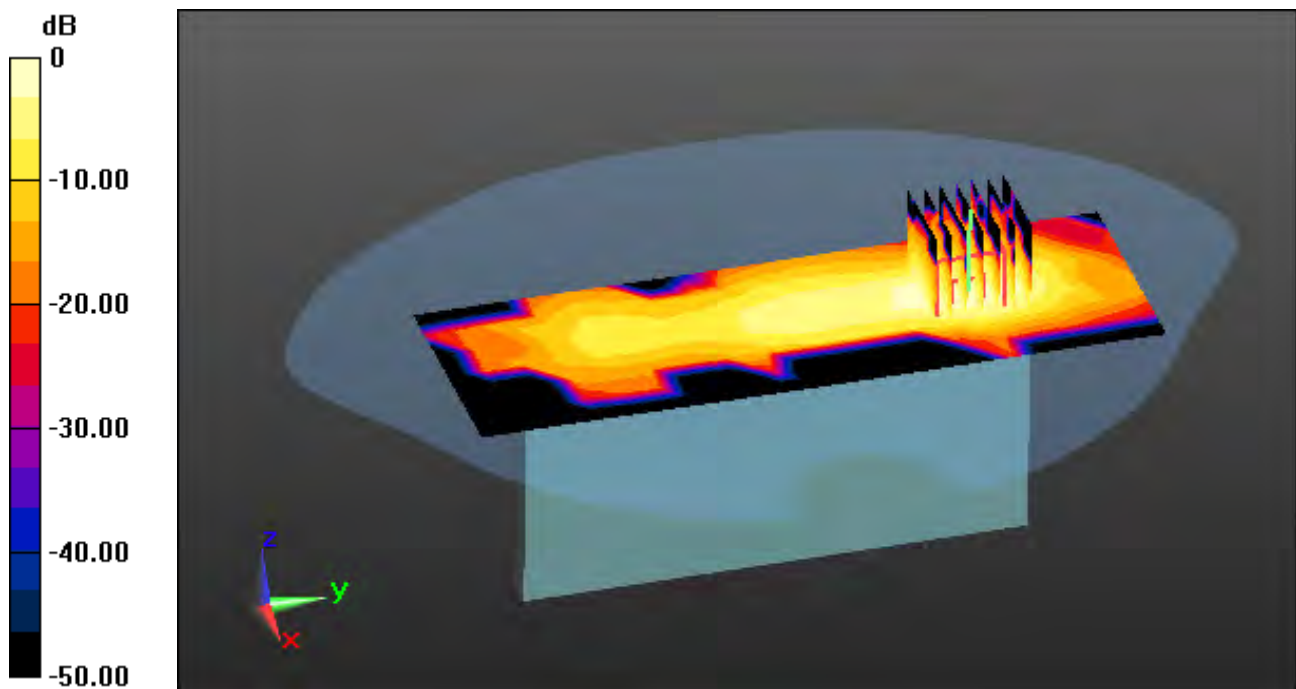
Area Scan (7x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

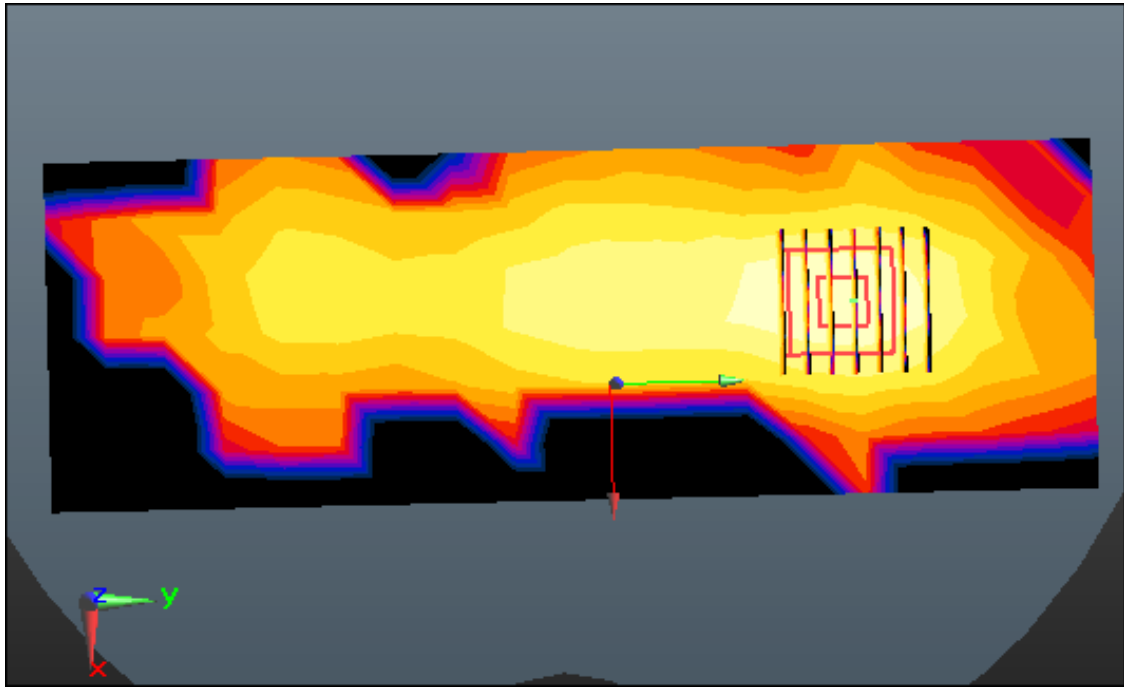
Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0511 W/kg



Enlarged Plot for A60

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.251 \text{ S/m}$; $\epsilon_r = 49.641$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

Touch from Body, Rear, WLAN(802.11a) Ch. 60, Ant Internal, Ant.1

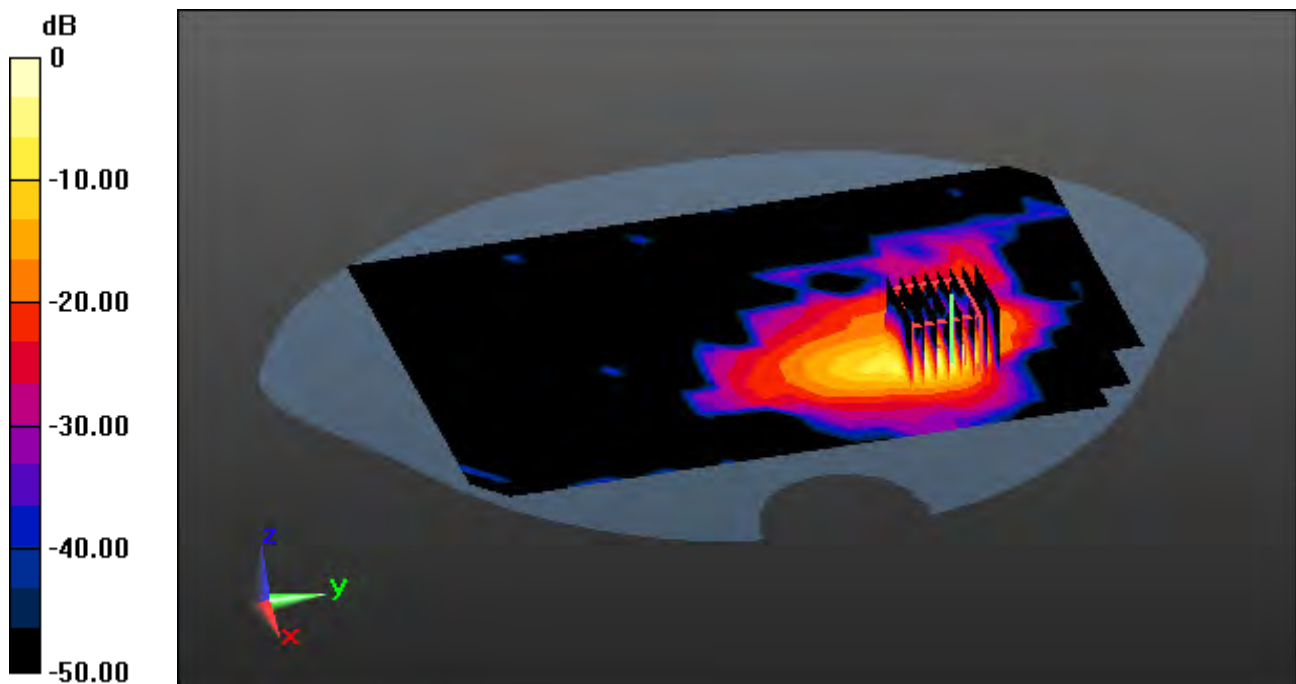
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

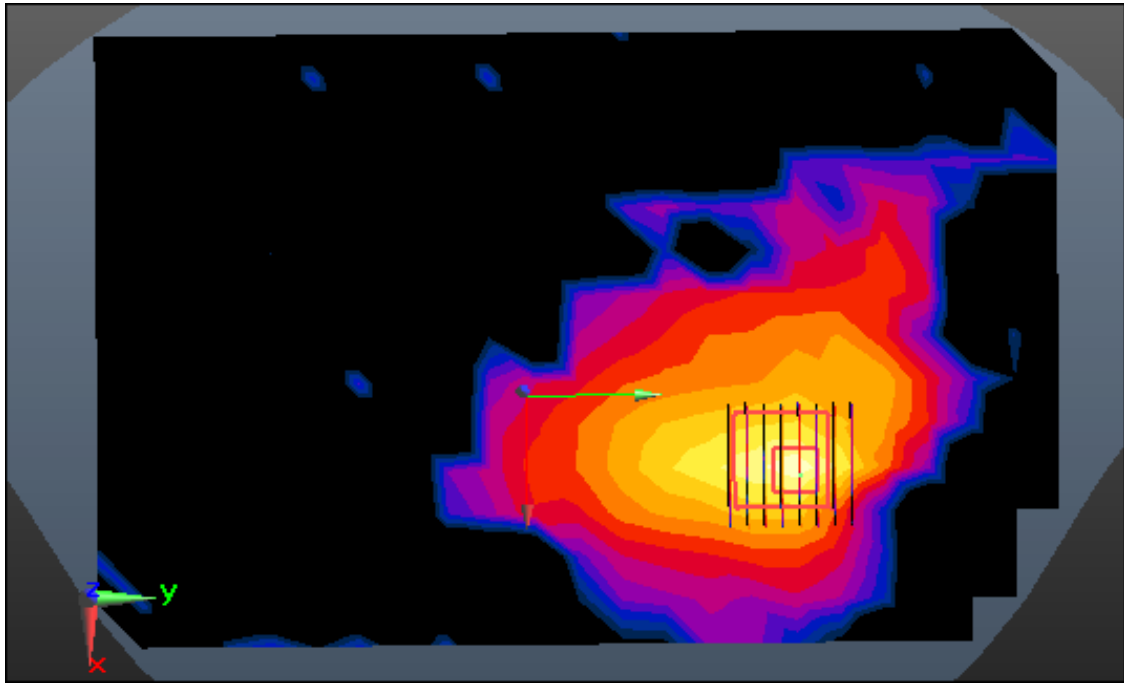
Power Drift = -0.09 dB

Peak SAR (extrapolated) = 19.3 W/kg

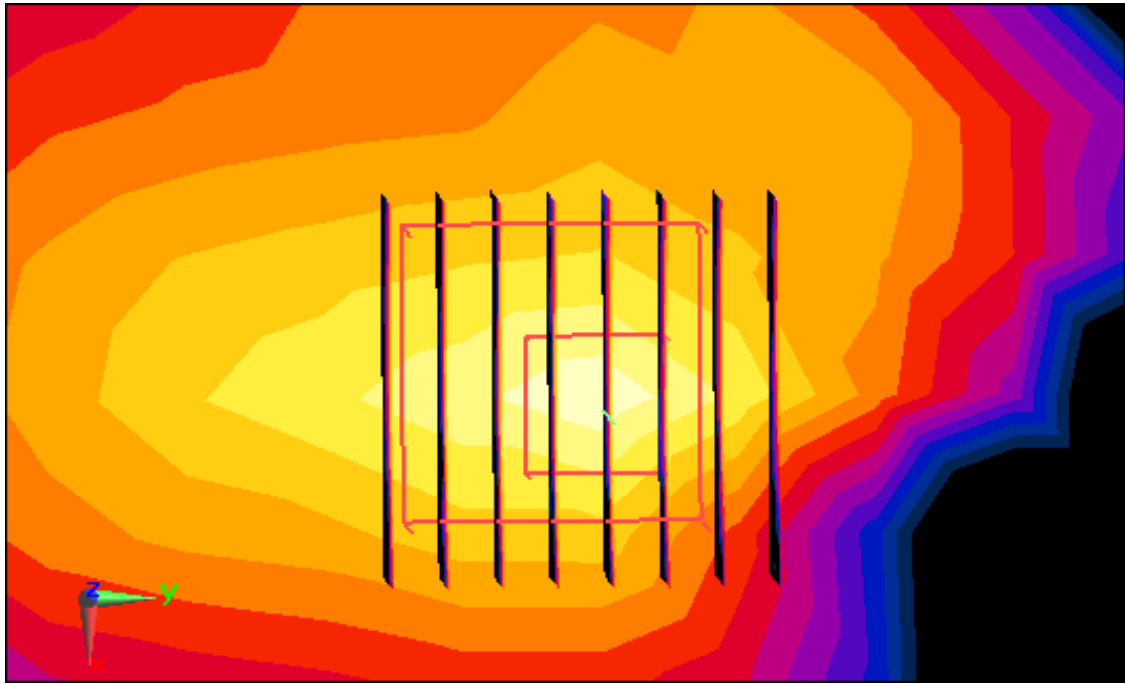
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 0.604 W/kg



0 dB = 10.4 W/kg



Enlarged Plot for A61



Enlarged Plot for A61

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.28 \text{ S/m}$; $\epsilon_r = 49.599$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

Touch from Body, Left, WLAN(802.11a) Ch. 64, Ant Internal, Ant.2

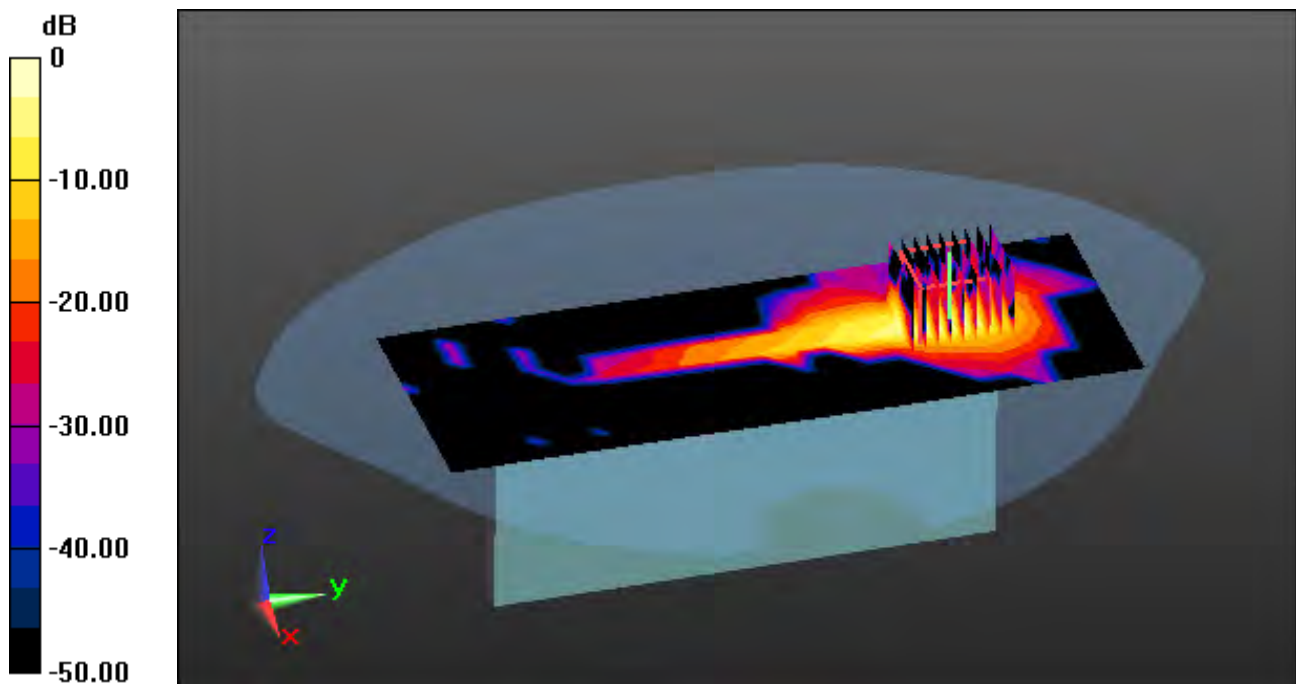
Area Scan (9x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

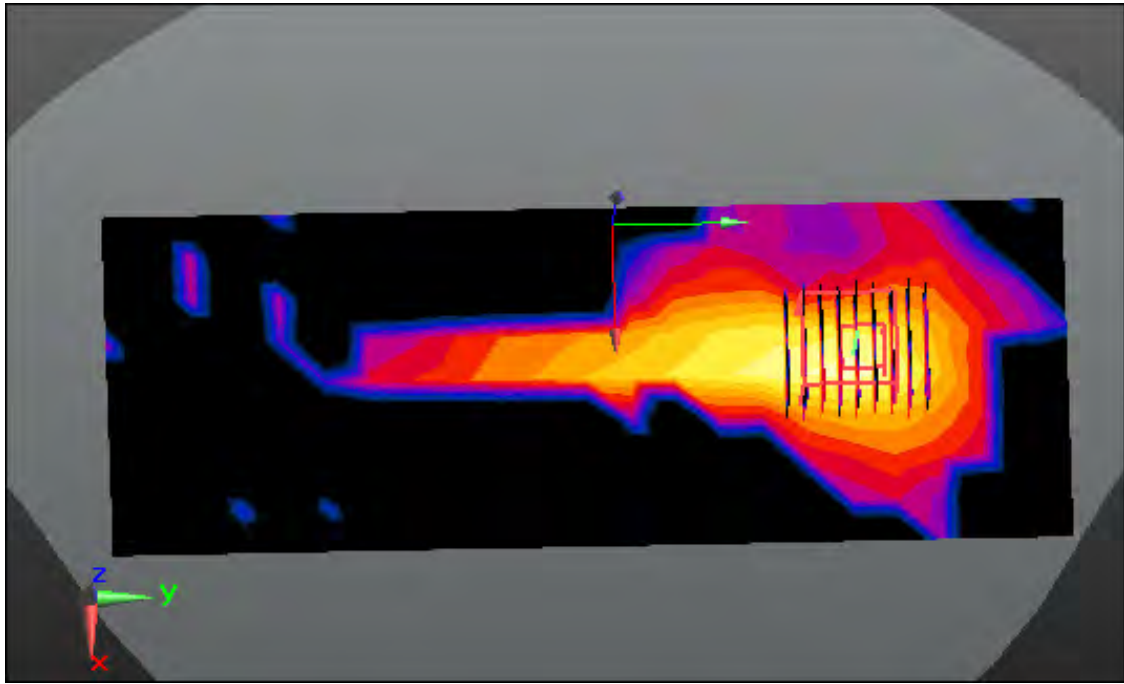
Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.17 W/kg

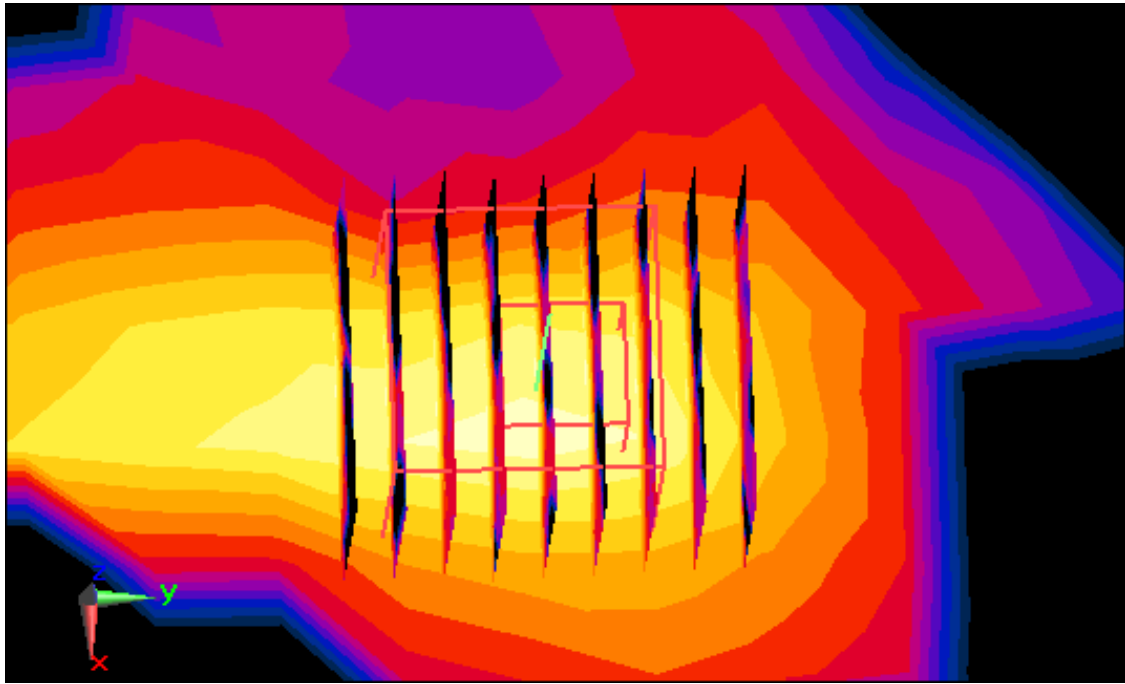
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.139 W/kg



0 dB = 1.74 W/kg



Enlarged Plot for A62



Enlarged Plot for A62

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5300 (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.28 \text{ S/m}$; $\epsilon_r = 49.599$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (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: 2019-08-20; Ambient Temp: 22.7; Tissue Temp: 22.0

Touch from Body, Rear, WLAN(802.11a) Ch. 64, Ant Internal, MIMO

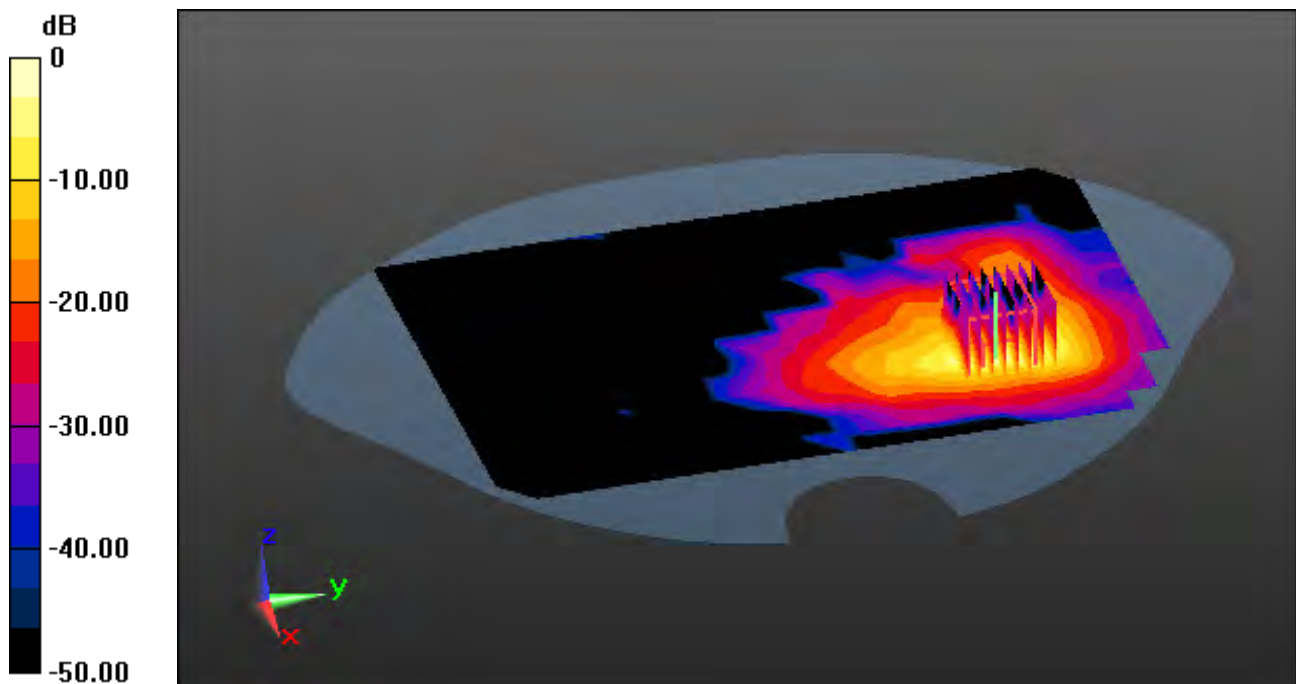
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

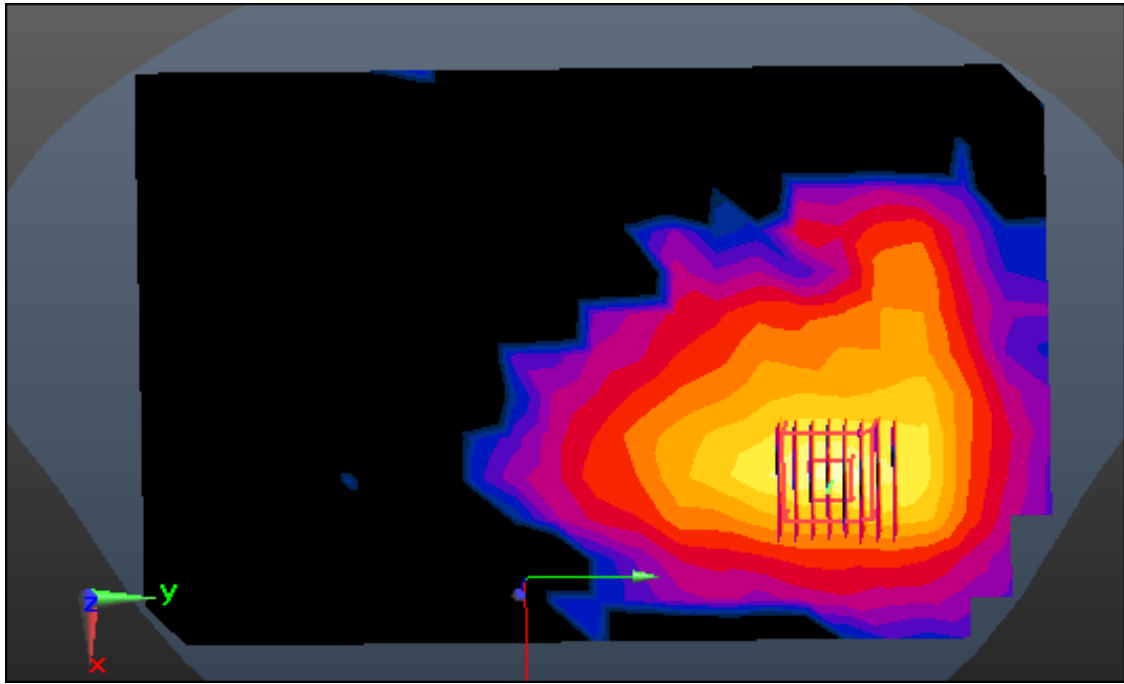
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 19.3 W/kg

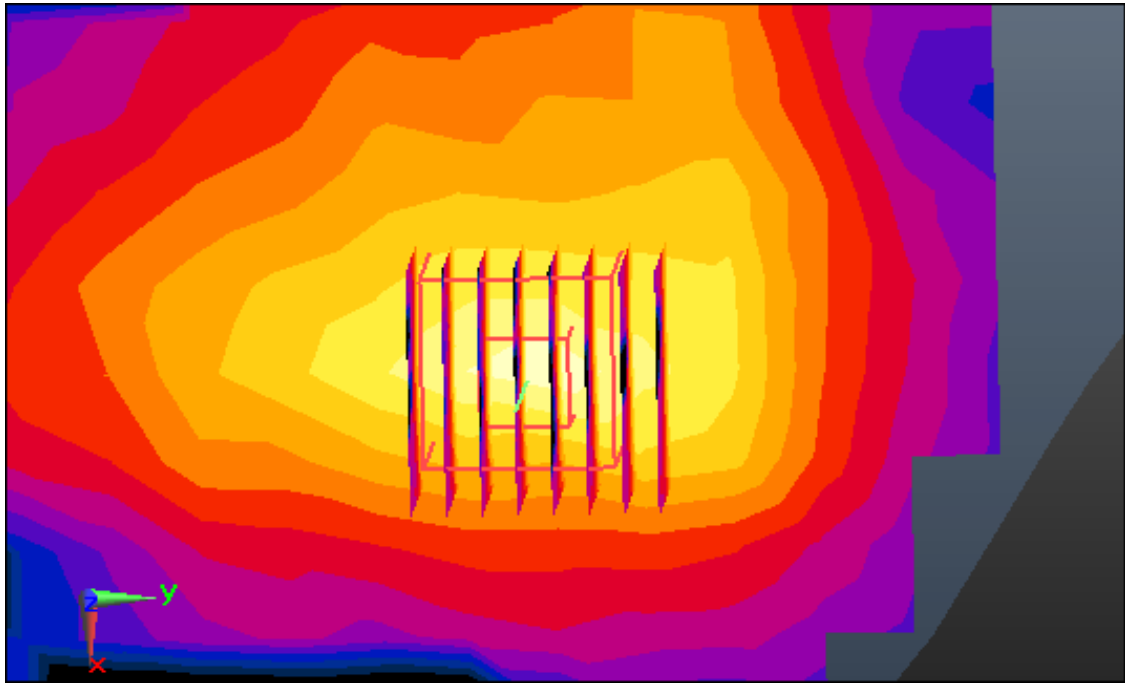
SAR(1 g) = 3.07 W/kg; SAR(10 g) = 0.781 W/kg



0 dB = 10.9 W/kg



Enlarged Plot for A63



Enlarged Plot for A63

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.817 \text{ S/m}$; $\epsilon_r = 48.858$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, Ant.1

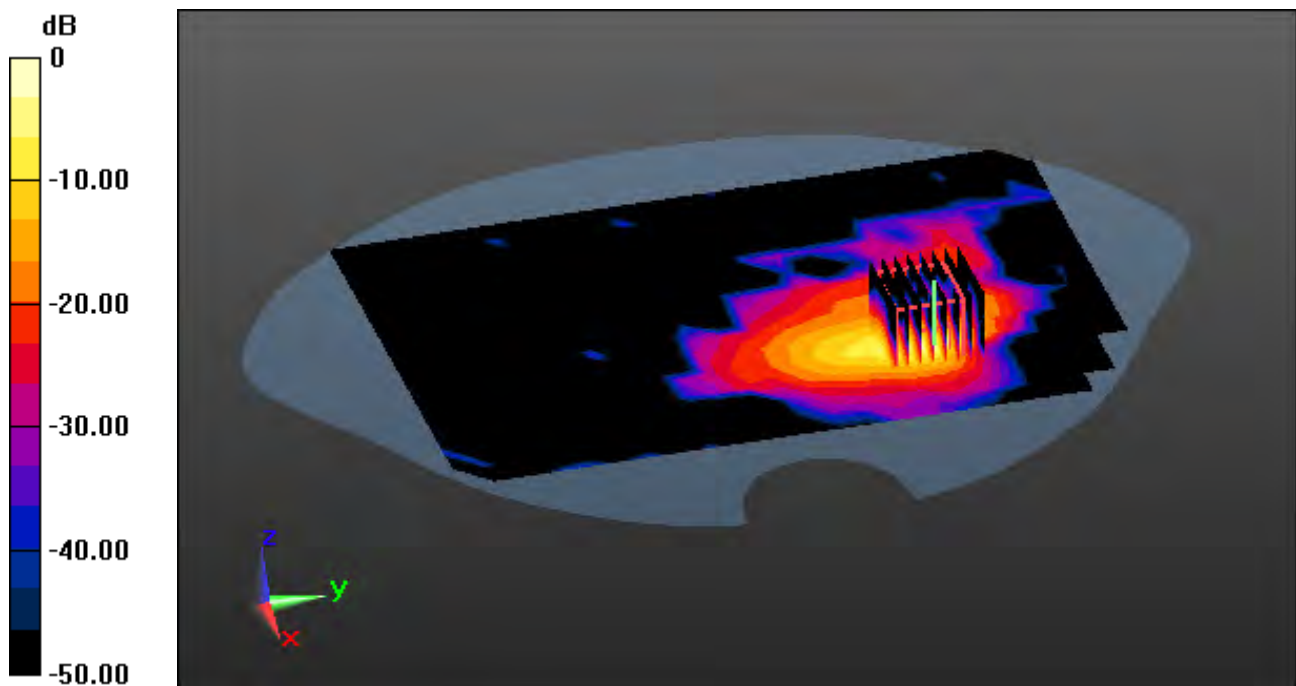
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

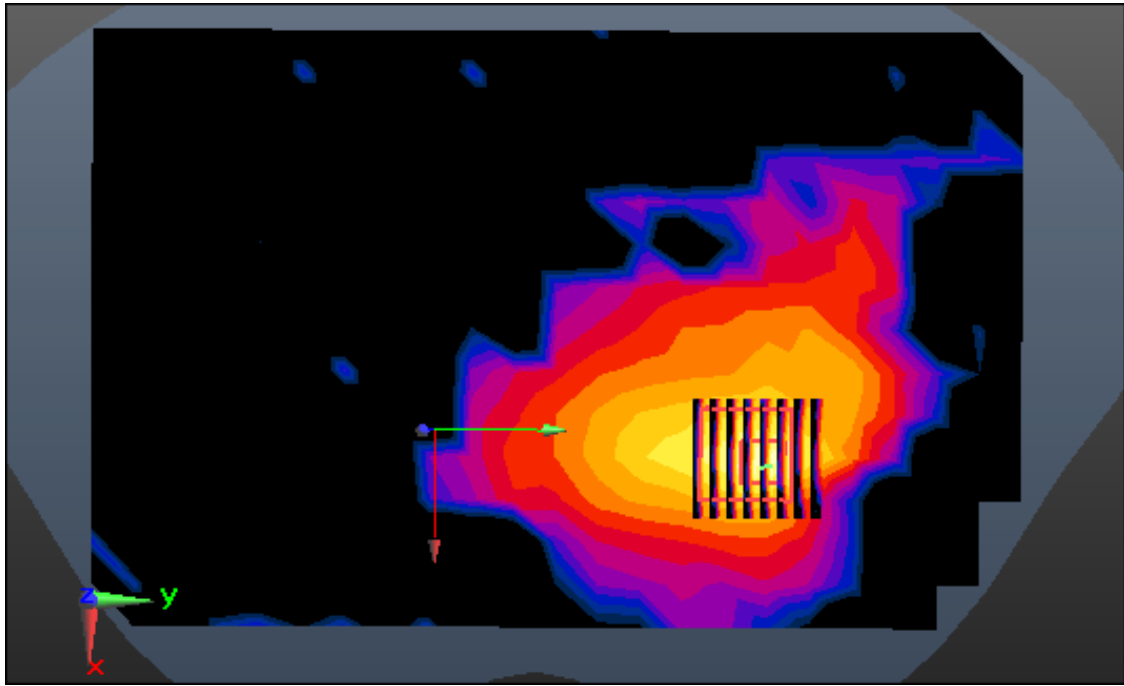
Power Drift = 0.05 dB

Peak SAR (extrapolated) = 25.4 W/kg

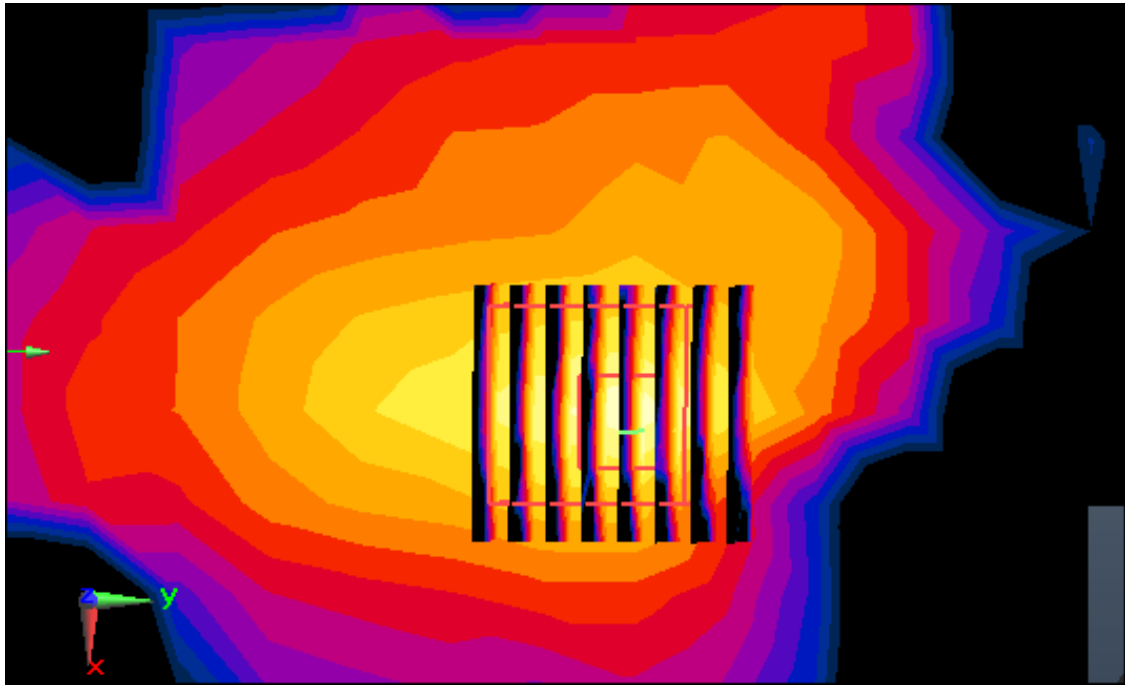
SAR(1 g) = 3.53 W/kg; SAR(10 g) = 0.794 W/kg



0 dB = 13.6 W/kg



Enlarged Plot for A64



Enlarged Plot for A64

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.896 \text{ S/m}$; $\epsilon_r = 48.74$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

Touch from Body, Left, WLAN(802.11a) Ch. 144, Ant Internal, Ant.2

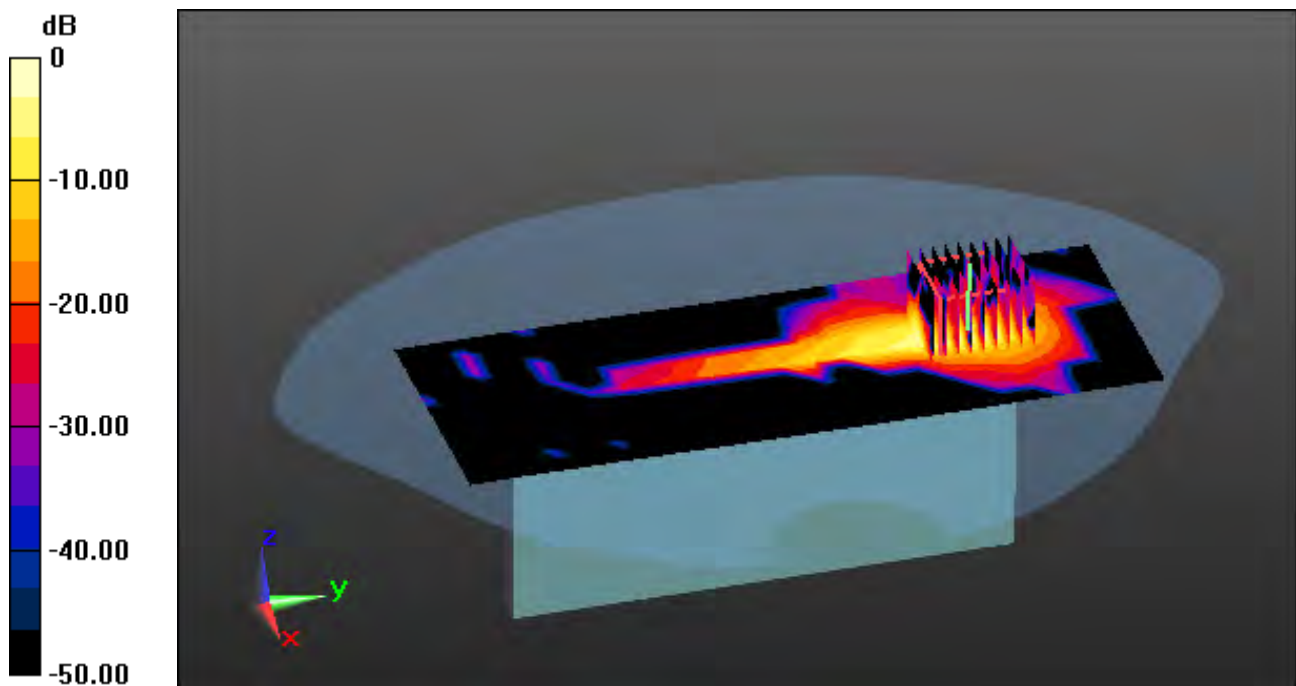
Area Scan (9x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

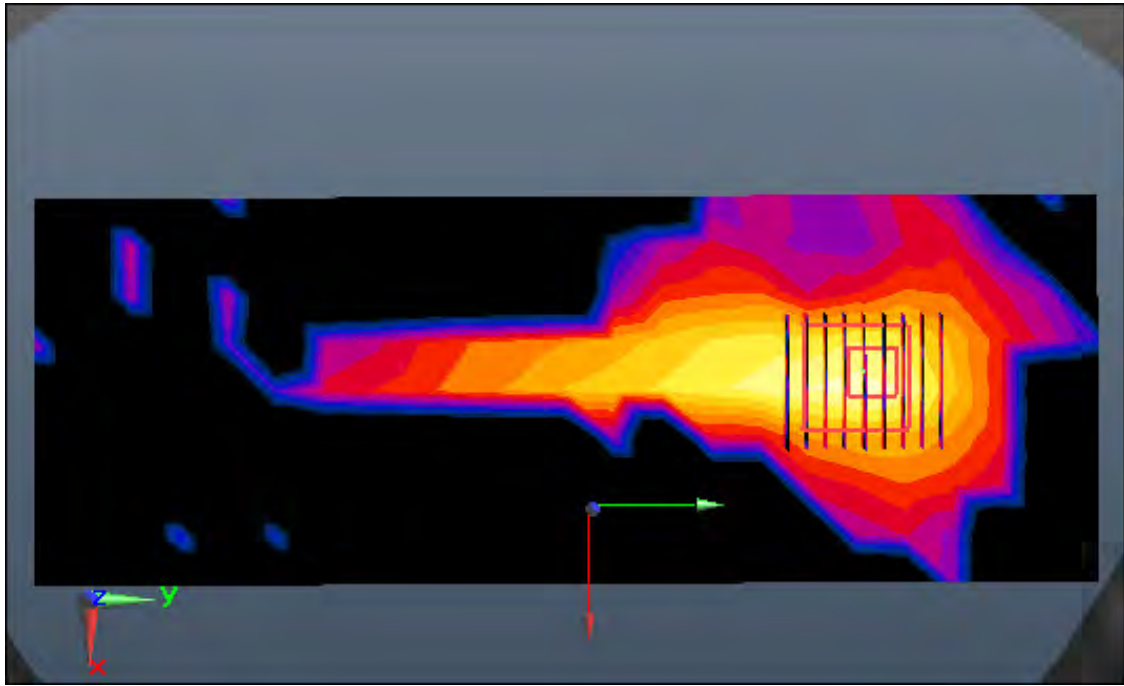
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.75 W/kg

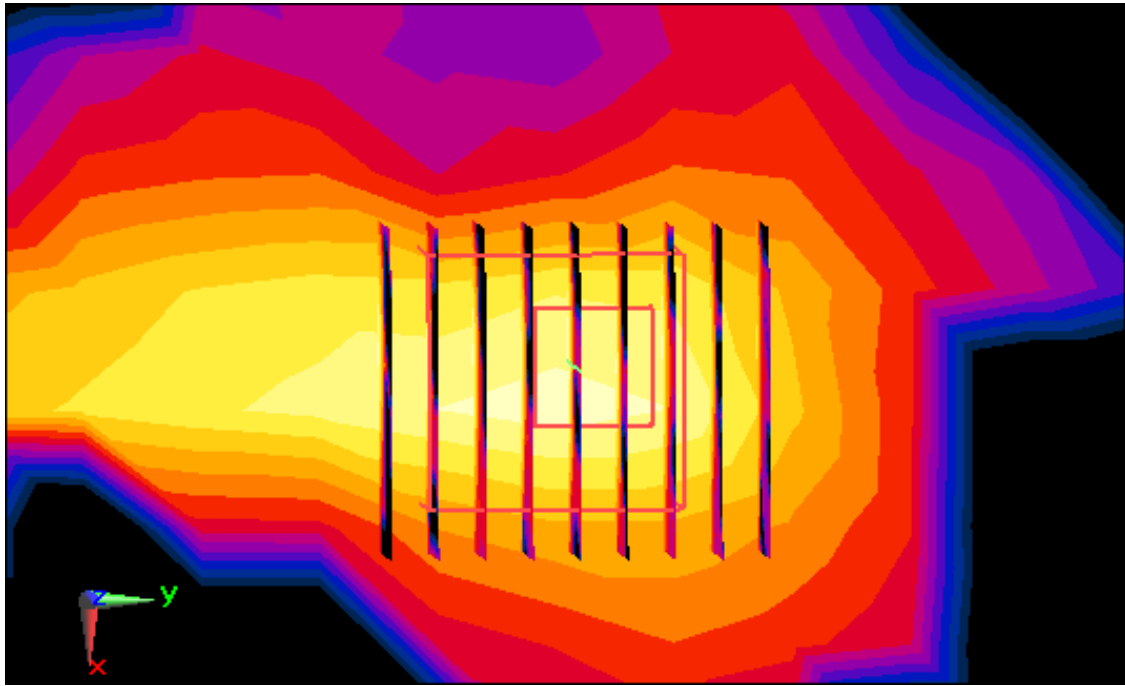
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.165 W/kg



0 dB = 2.05 W/kg



Enlarged Plot for A65



Enlarged Plot for A65

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.817 \text{ S/m}$; $\epsilon_r = 48.858$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-22; Ambient Temp: 21.2; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, MIMO

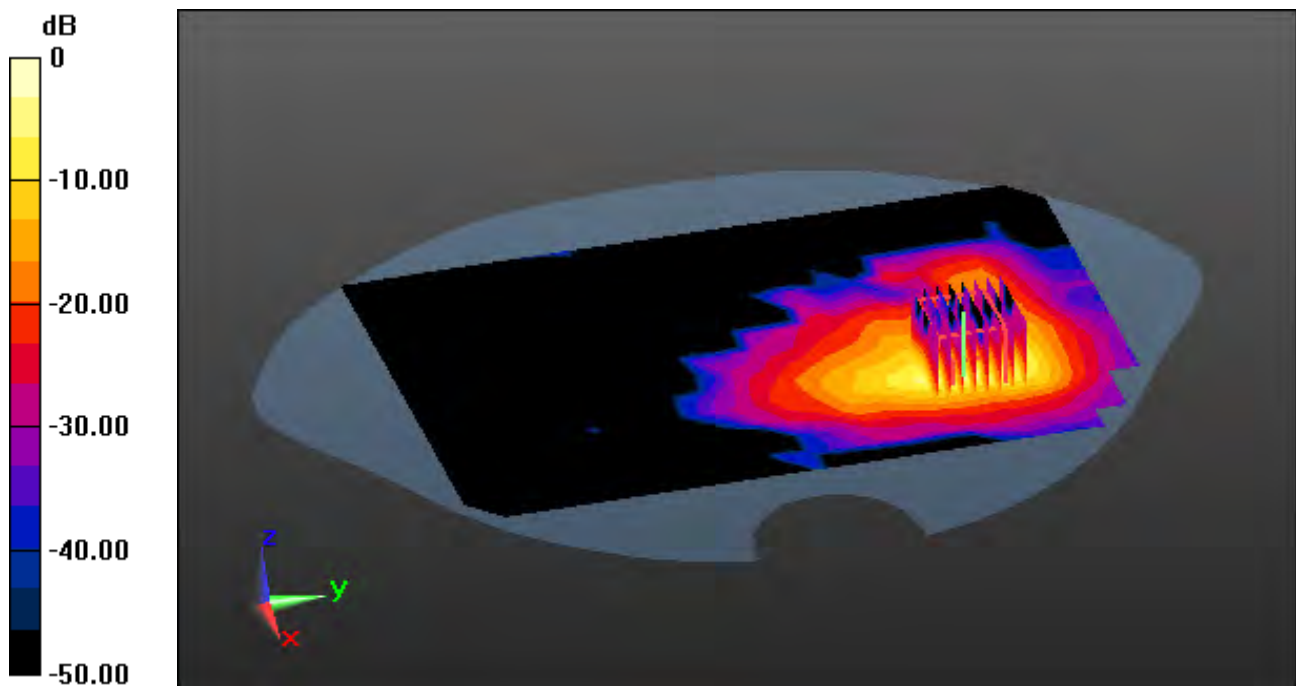
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

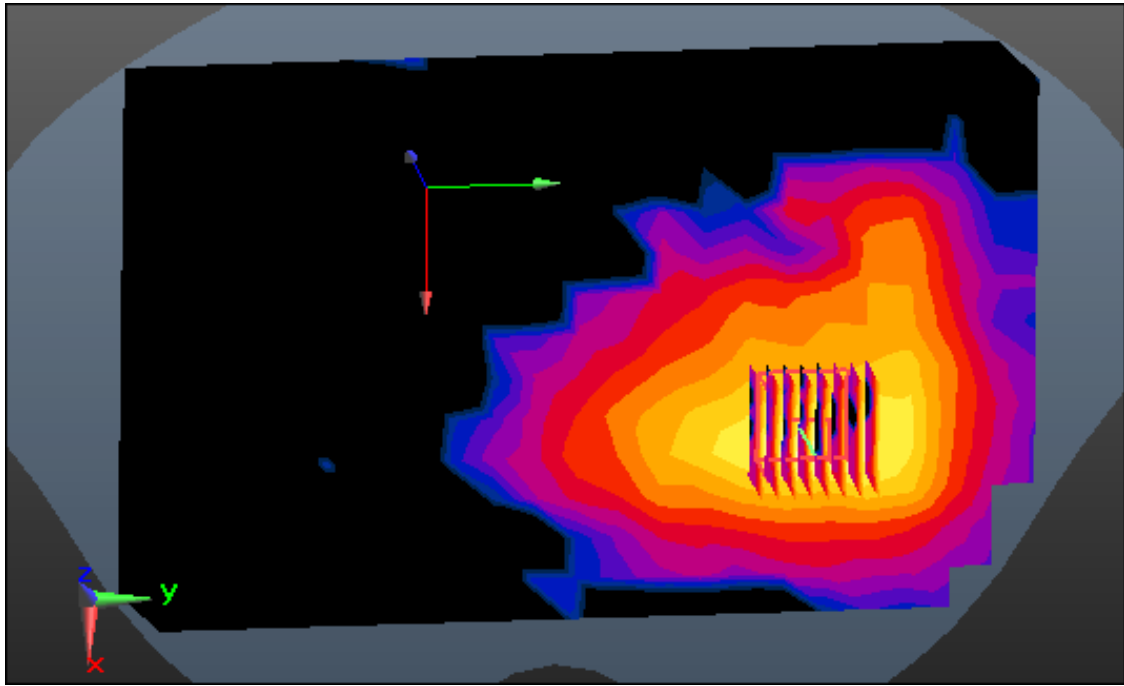
Power Drift = 0.13 dB

Peak SAR (extrapolated) = 25.1 W/kg

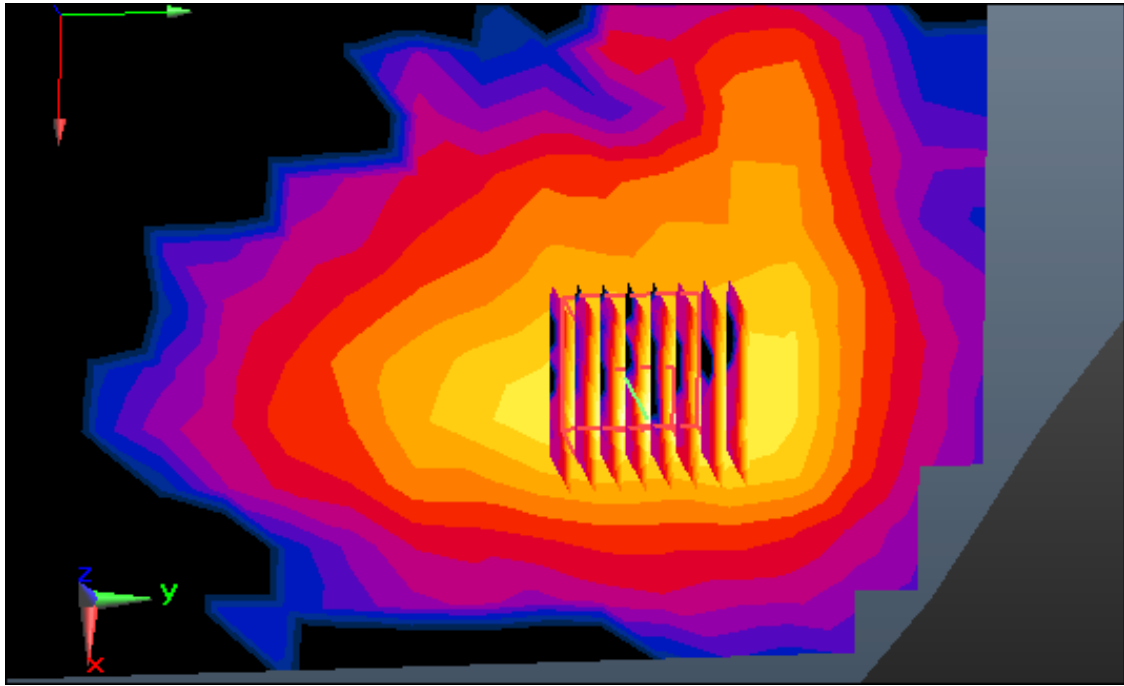
SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.01 W/kg



0 dB = 14.1 W/kg



Enlarged Plot for A66



Enlarged Plot for A66

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.148 \text{ S/m}$; $\epsilon_r = 47.024$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, Ant.1

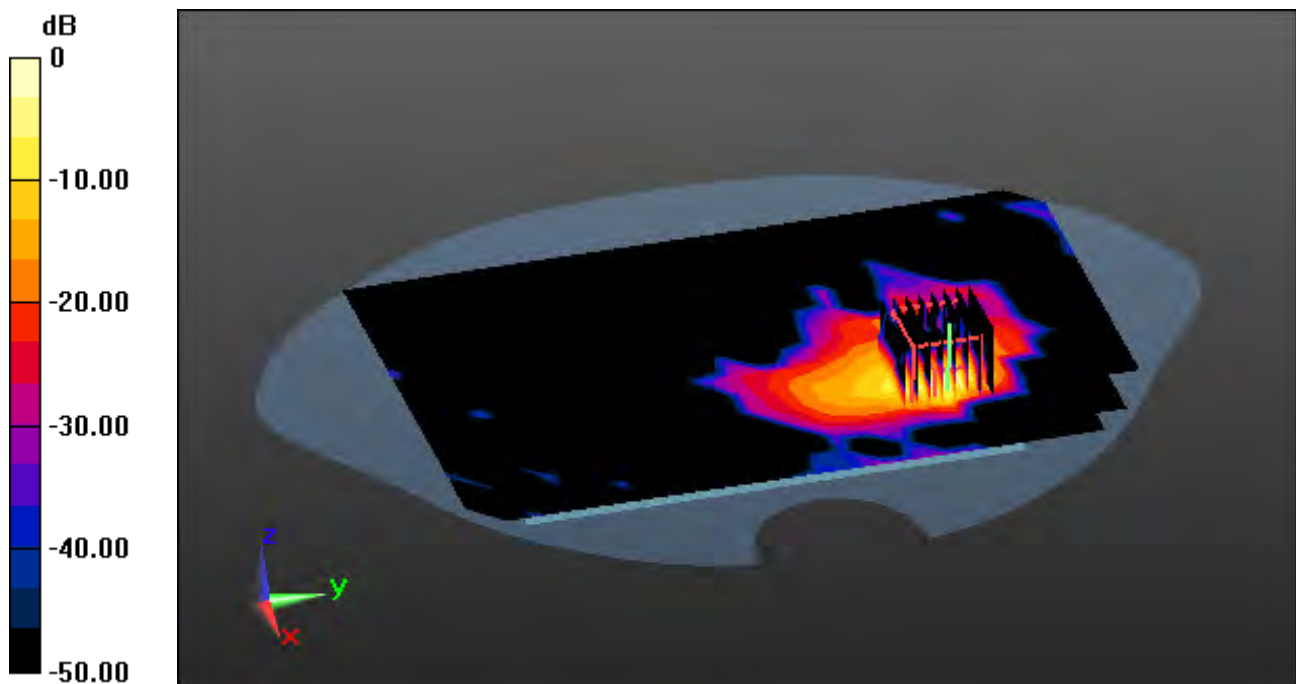
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

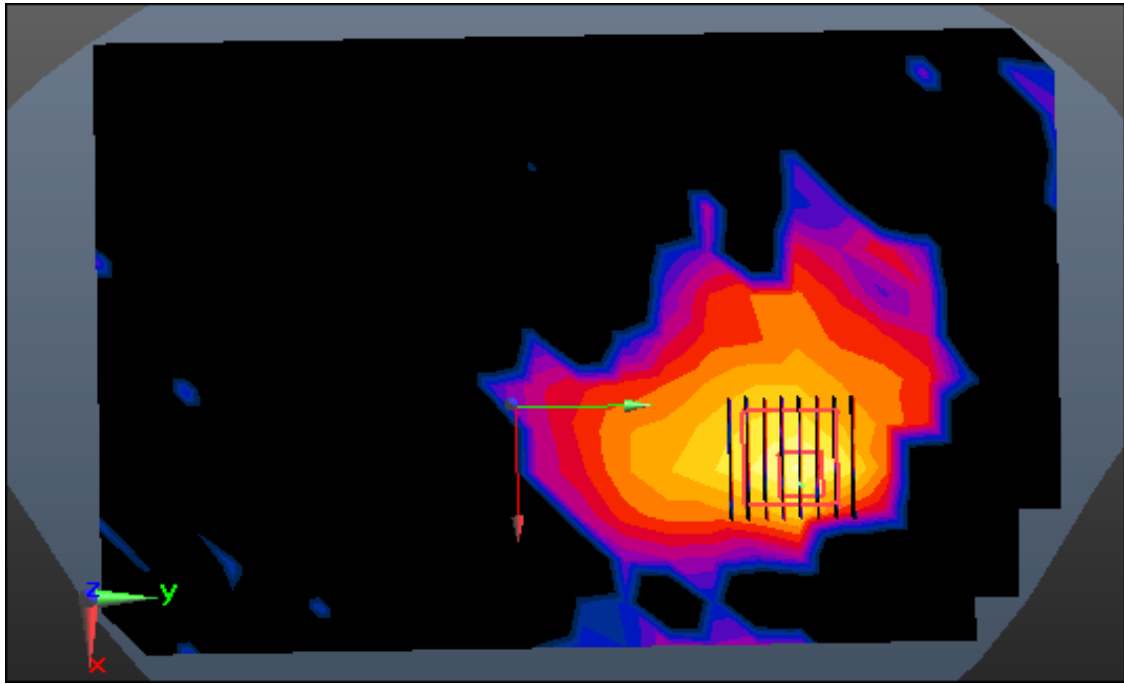
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 13.3 W/kg

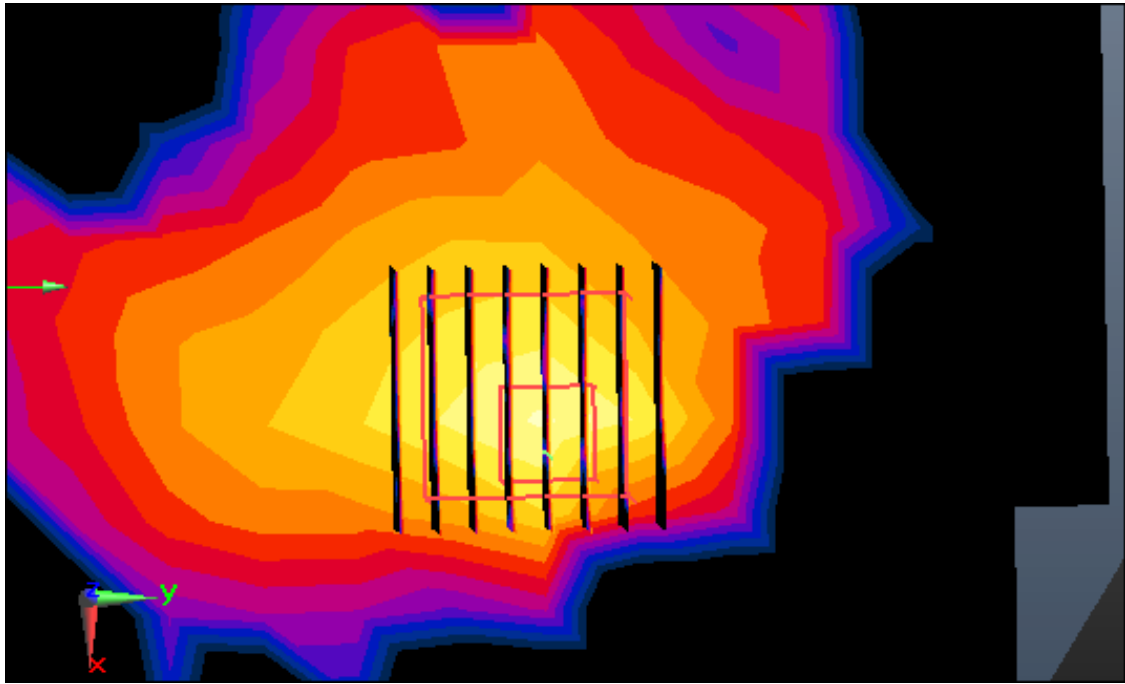
SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.393 W/kg



0 dB = 6.24 W/kg



Enlarged Plot for A67



Enlarged Plot for A67

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.148 \text{ S/m}$; $\epsilon_r = 47.024$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, Ant.2

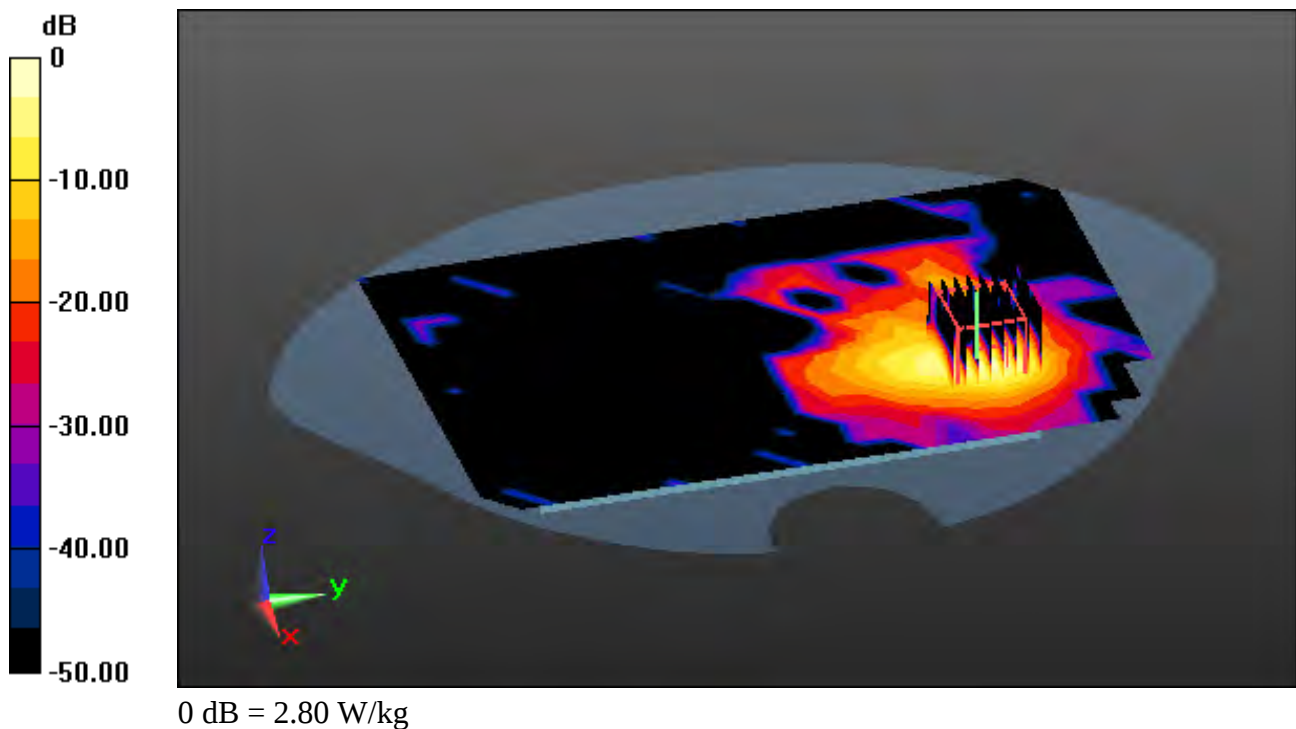
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

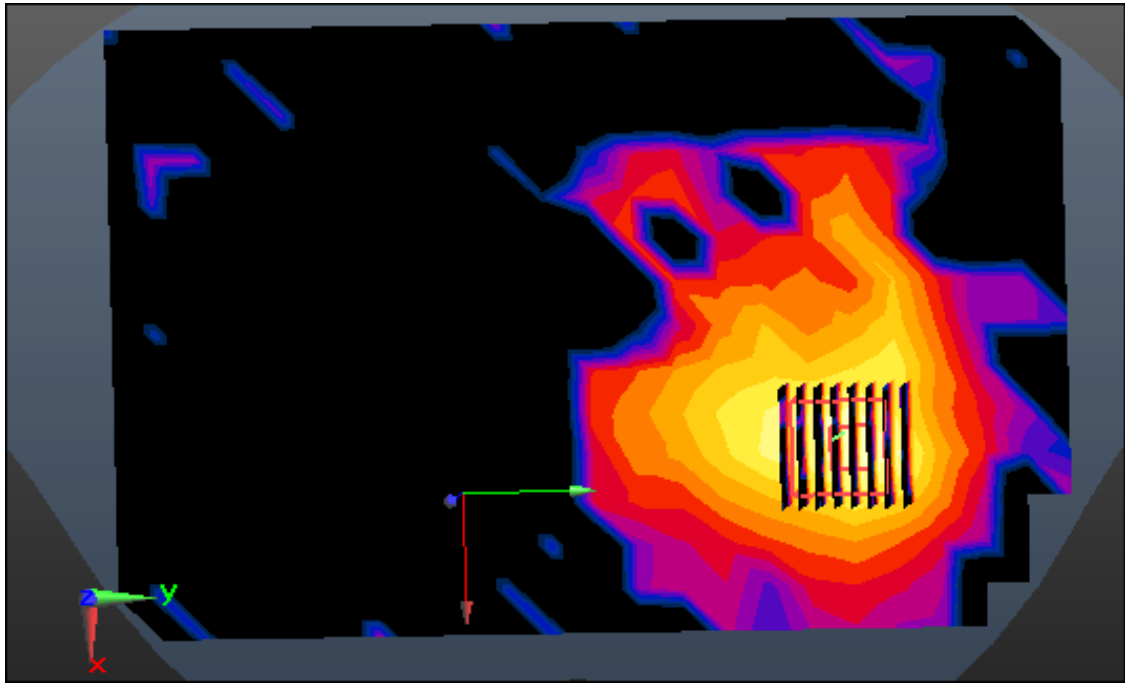
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = 0.16 dB

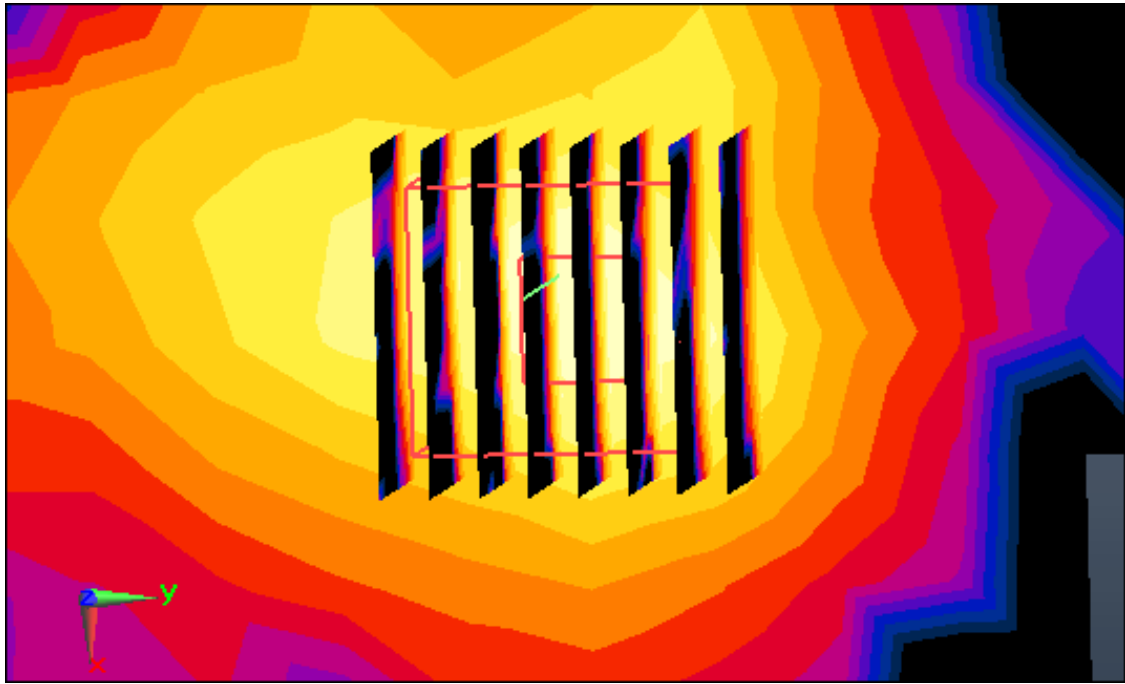
Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.298 W/kg





Enlarged Plot for A68



Enlarged Plot for A68

DT&C Co., Ltd.

DUT: KA1935; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.148 \text{ S/m}$; $\epsilon_r = 47.024$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-08-23; Ambient Temp: 21.2; Tissue Temp: 20.9

Touch from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, MIMO

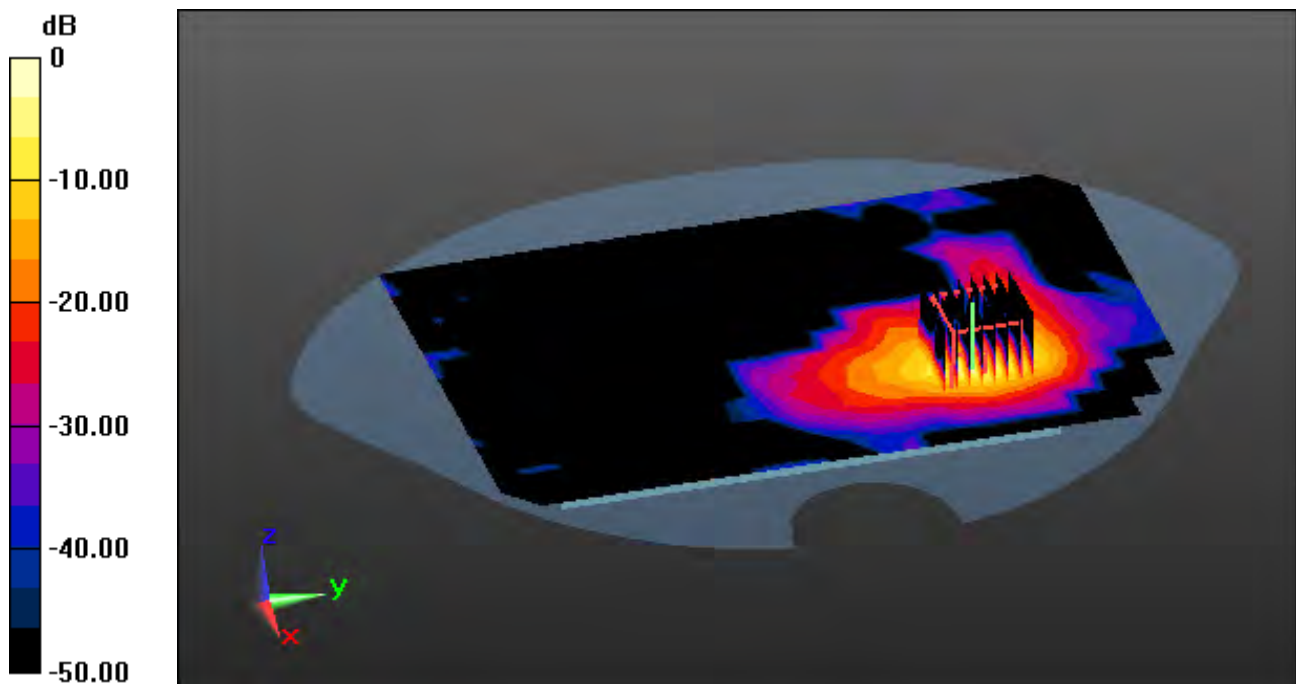
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

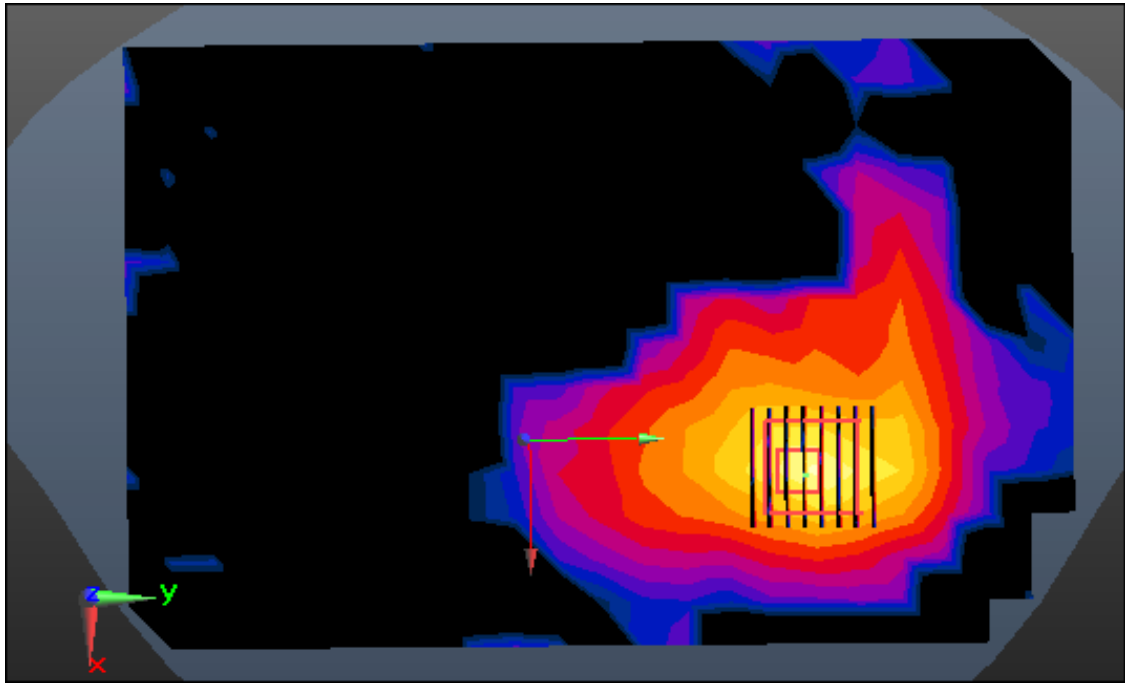
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = 0.16 dB

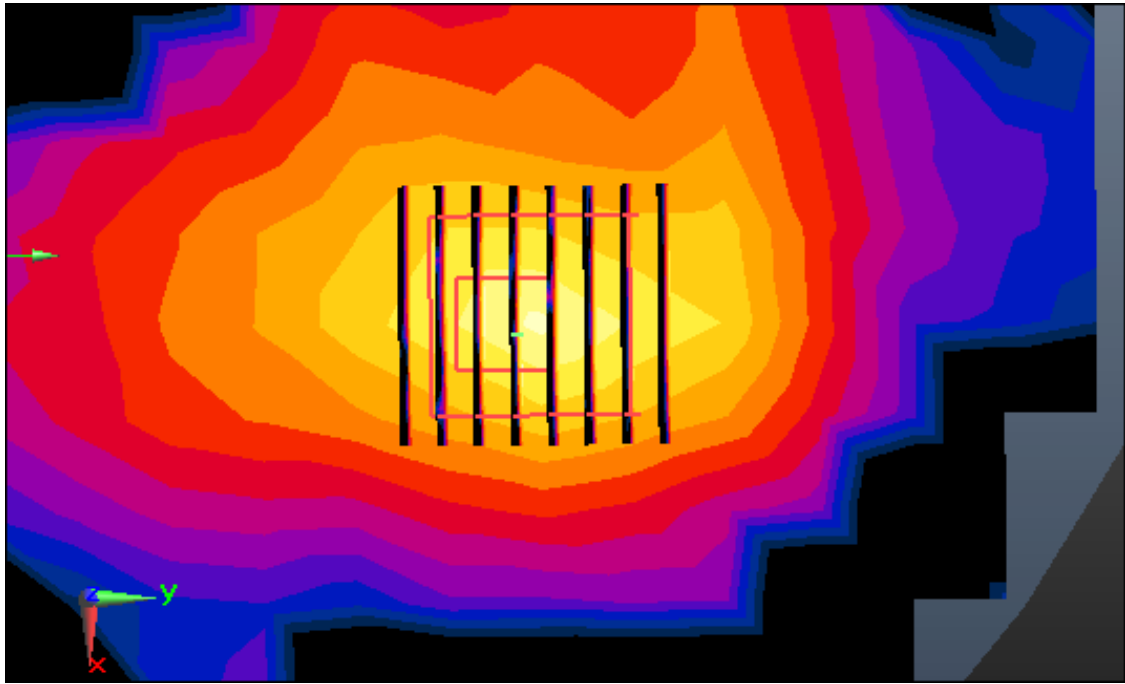
Peak SAR (extrapolated) = 22.1 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 0.526 W/kg





Enlarged Plot for A69



Enlarged Plot for A69

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.687$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.85, 9.85, 9.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.8

750 MHz System Head Verification (250 mW)

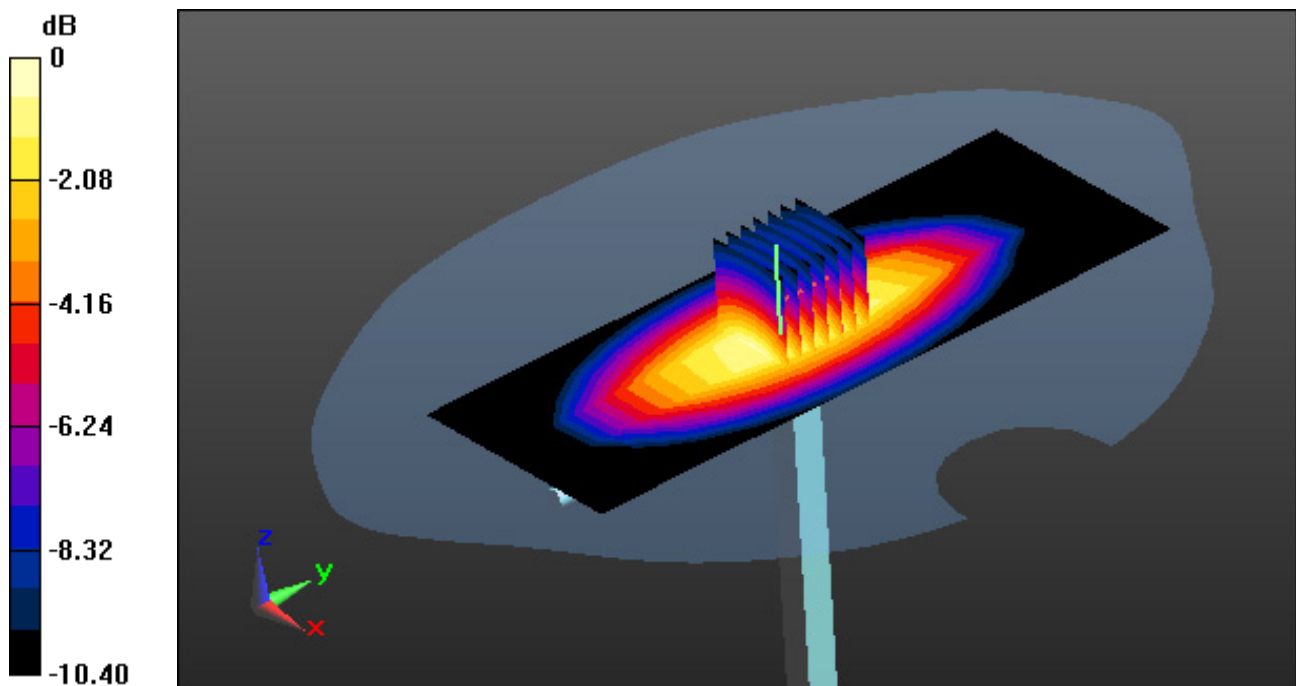
Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.43 W/kg



0 dB = 2.74 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.984$ S/m; $\epsilon_r = 53.731$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.45, 9.45, 9.45); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.6

750 MHz System Body Verification (250 mW)

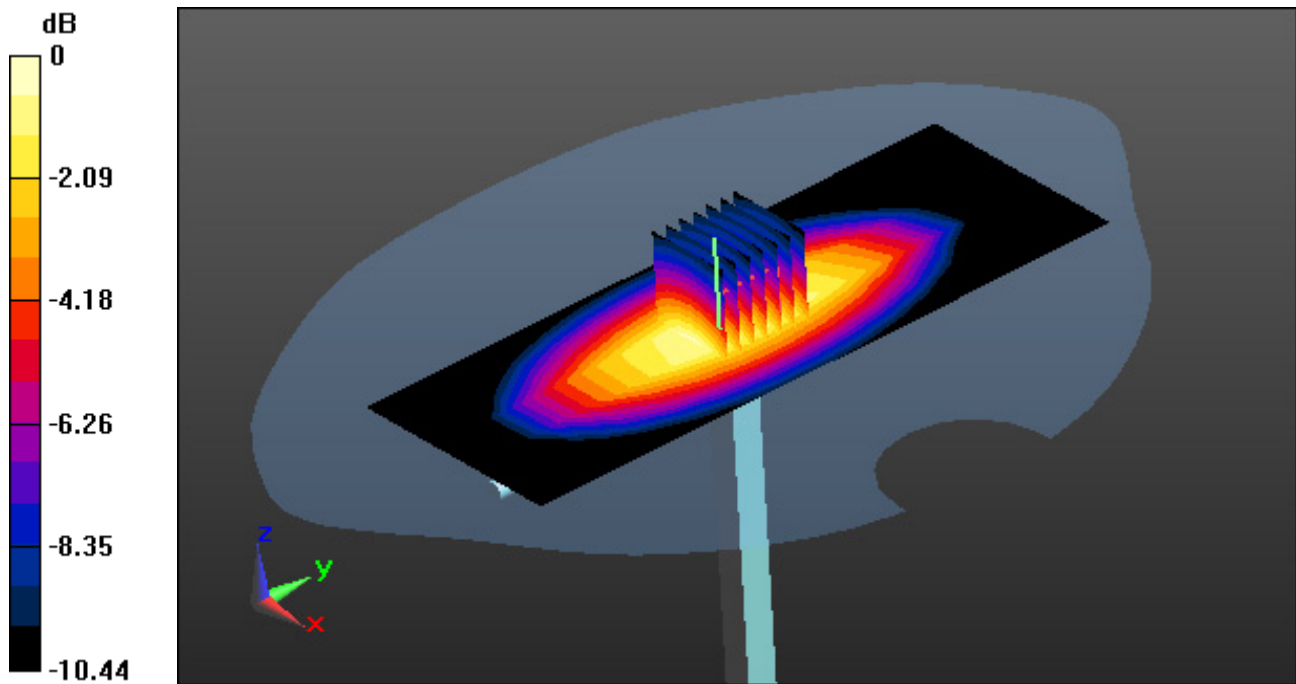
Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.48 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: $f = 835 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 40.785$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.39, 9.39, 9.39); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.5

835 MHz System Head Verification (250 mW)

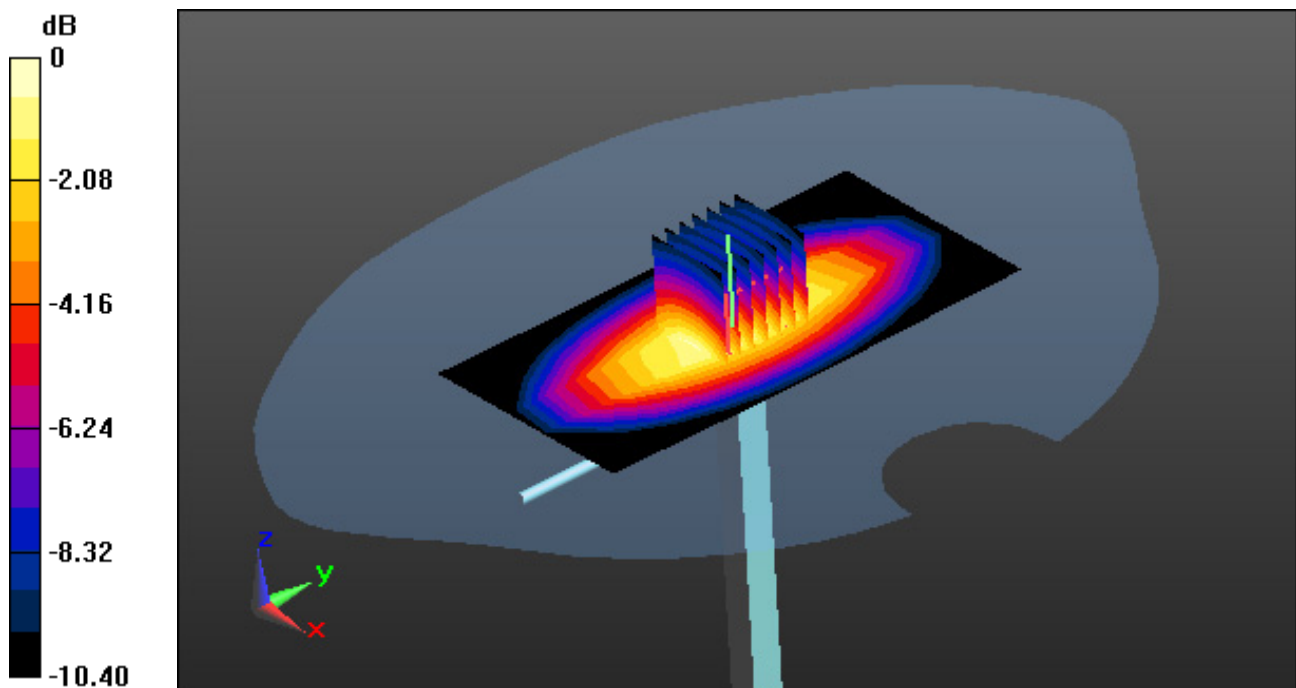
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.58 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.54 W/kg



0 dB = 2.88 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: $f = 835 \text{ MHz}$; $\sigma = 0.981 \text{ S/m}$; $\epsilon_r = 53.747$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.27, 9.27, 9.27); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.3

835 MHz System Body Verification (250 mW)

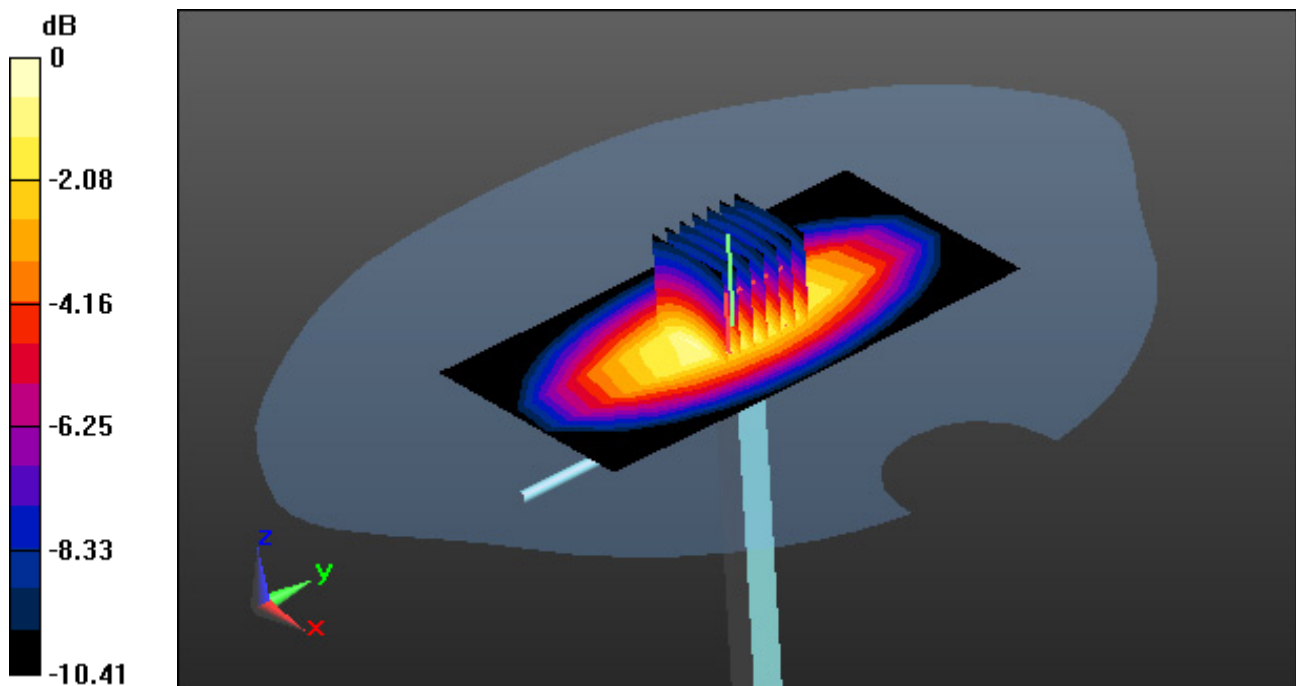
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.55 W/kg



0 dB = 3.05 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; $\sigma = 1.398$ S/m; $\epsilon_r = 41.083$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.1, 8.1, 8.1); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.4

1800 MHz System Head Verification (100 mW)

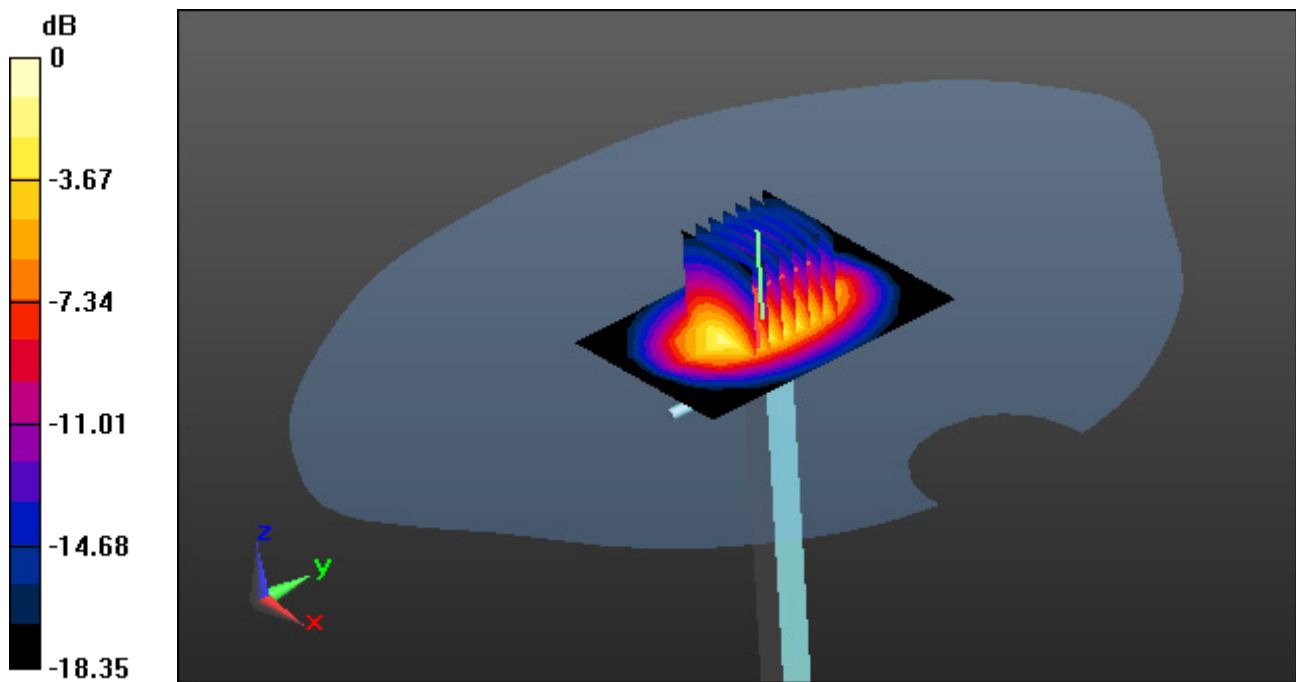
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 7.36 W/kg

SAR(1 g) = 3.99 W/kg; SAR(10 g) = 2.01 W/kg



0 dB = 5.68 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; $\sigma = 1.547$ S/m; $\epsilon_r = 51.934$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.74, 7.74, 7.74); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.6

1800 MHz System Body Verification (100 mW)

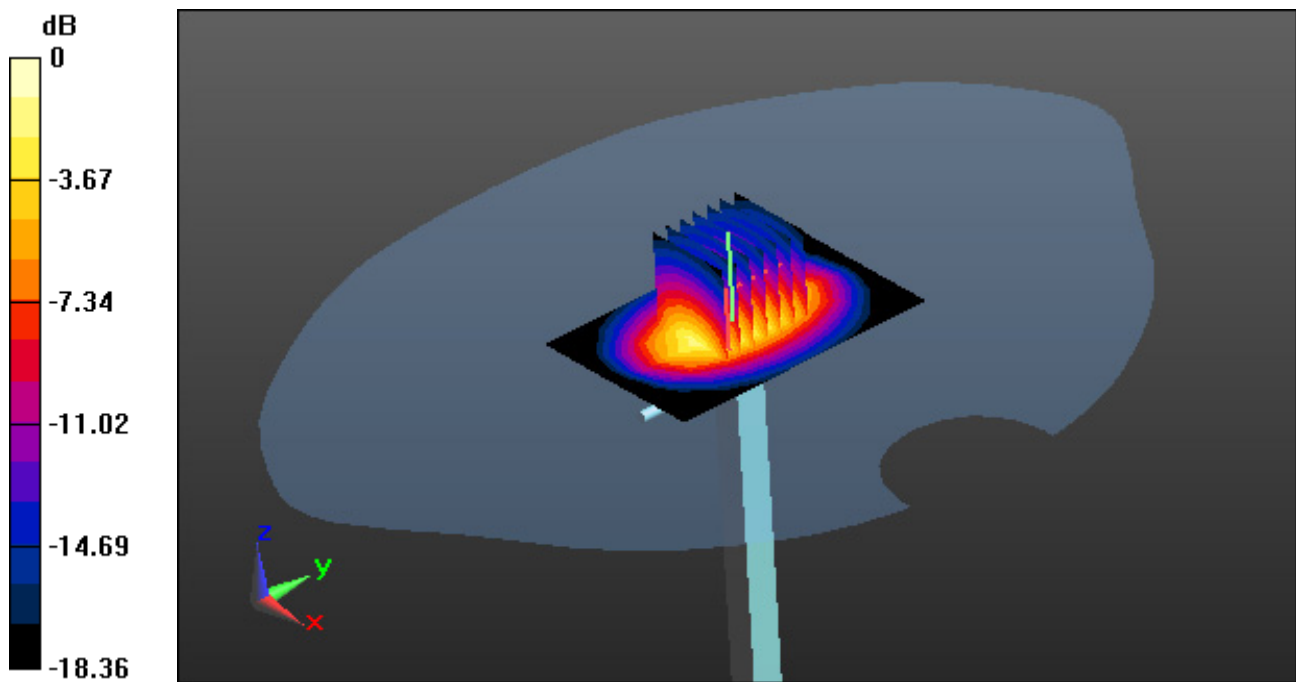
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 8.56 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 1.92 W/kg



0 dB = 6.06 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; $\sigma = 1.435$ S/m; $\epsilon_r = 40.511$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.85, 7.85, 7.85); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.1

1900 MHz System Head Verification (100 mW)

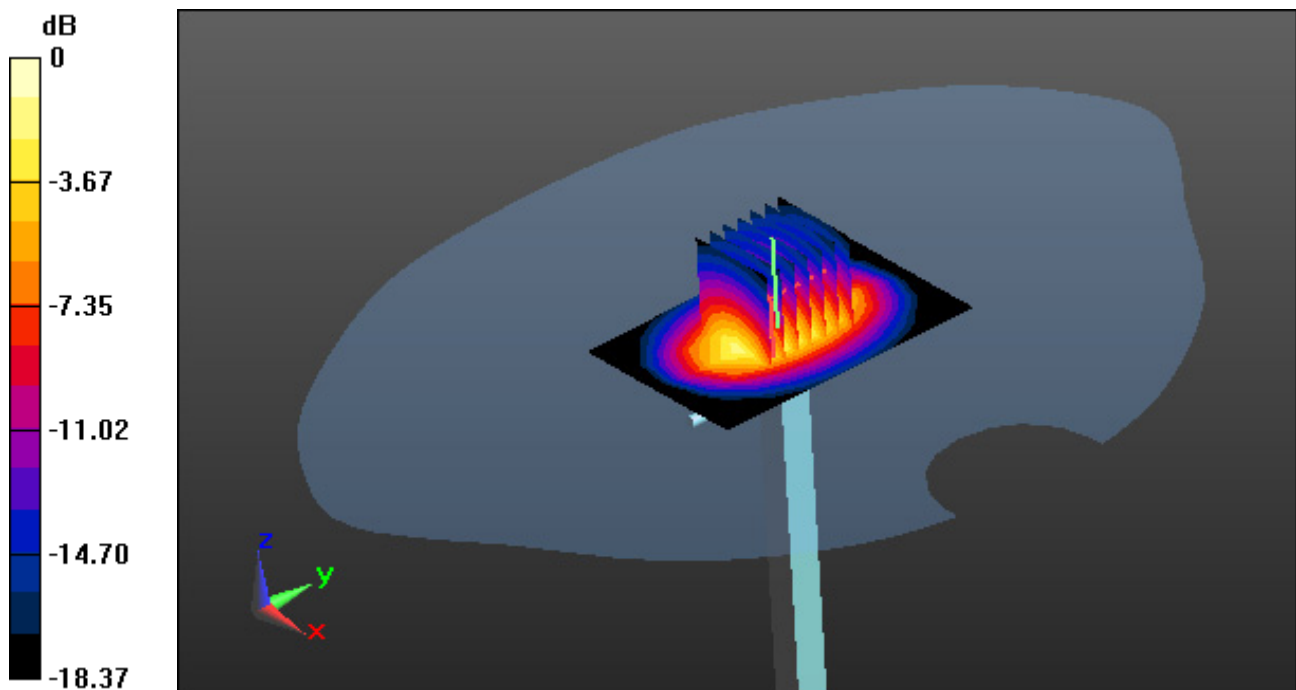
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 7.25 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 2.08 W/kg



0 dB = 5.65 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; $\sigma = 1.569$ S/m; $\epsilon_r = 51.568$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.51, 7.51, 7.51); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.2

1900 MHz System Body Verification (100 mW)

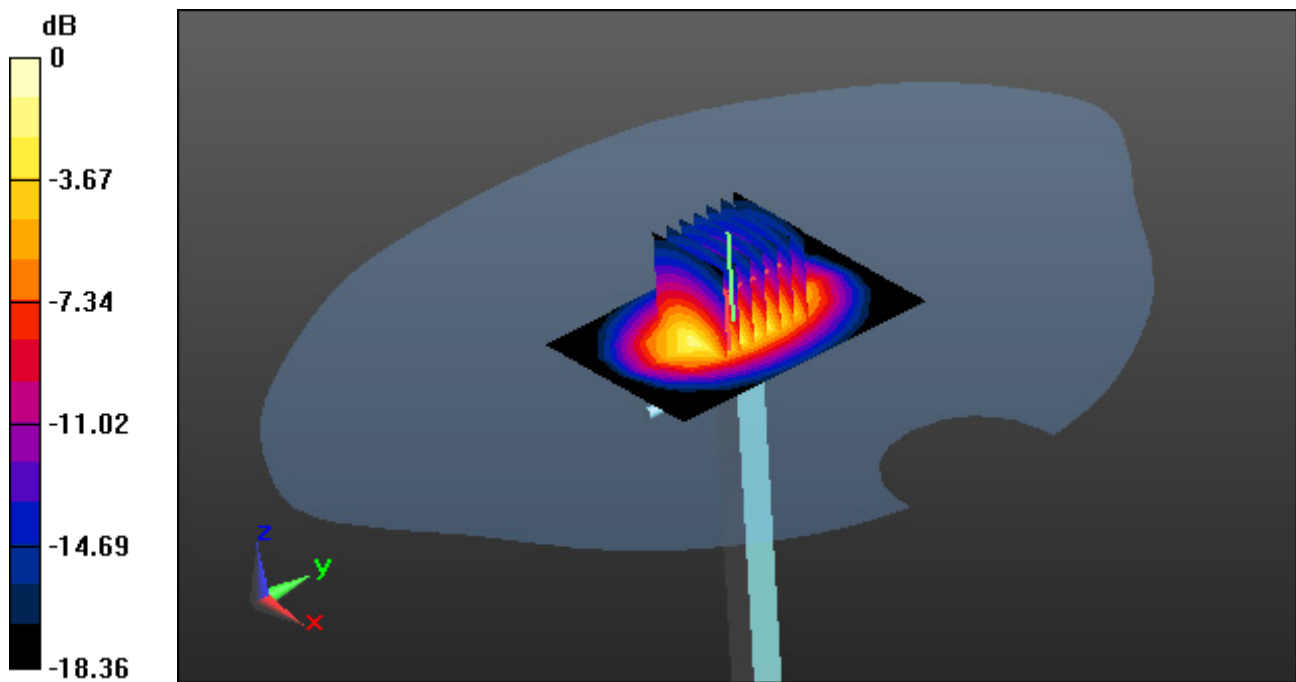
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 8.09 W/kg

SAR(1 g) = 4.18 W/kg; SAR(10 g) = 2.21 W/kg



0 dB = 5.89 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.017$ S/m; $\epsilon_r = 39.352$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.03, 7.03, 7.03); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.8

2600 MHz System Head Verification (100 mW)

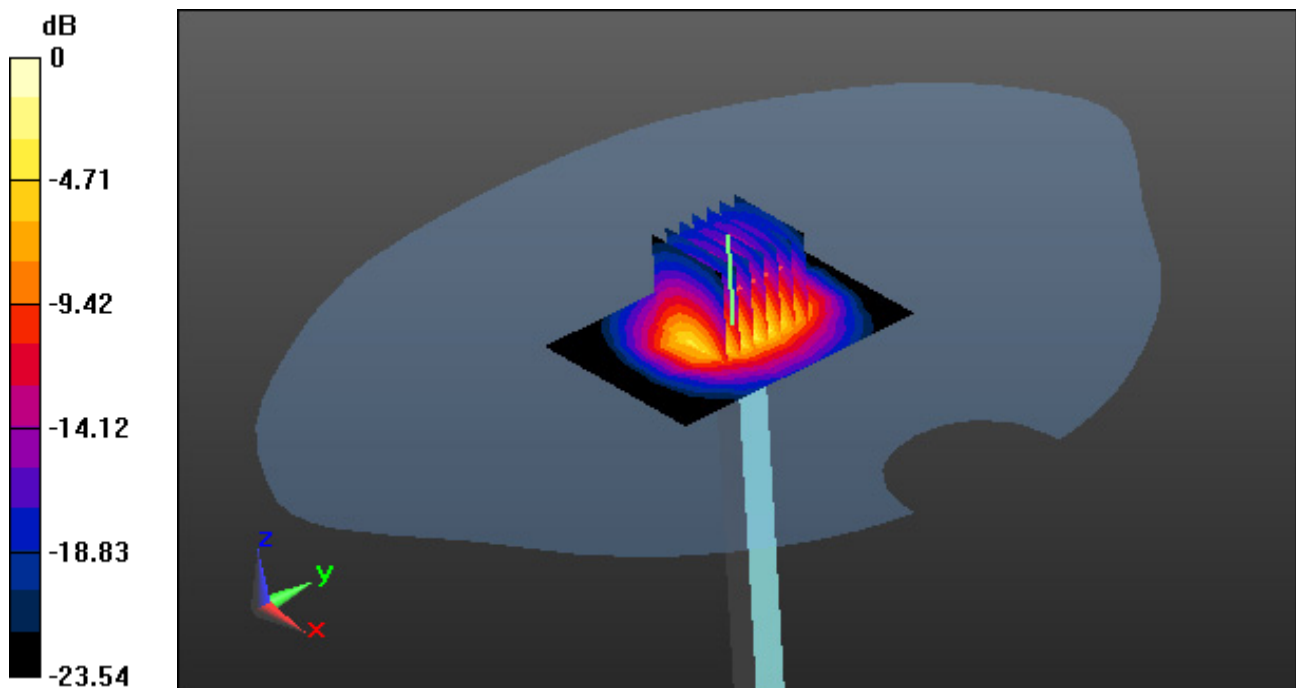
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 5.63 W/kg; SAR(10 g) = 2.53 W/kg



0 dB = 8.69 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.093$ S/m; $\epsilon_r = 51.561$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.1, 7.1, 7.1); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
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: 2019-09-13; Ambient Temp: 21.1; Tissue Temp: 21.7

2600 MHz System Body Verification (100 mW)

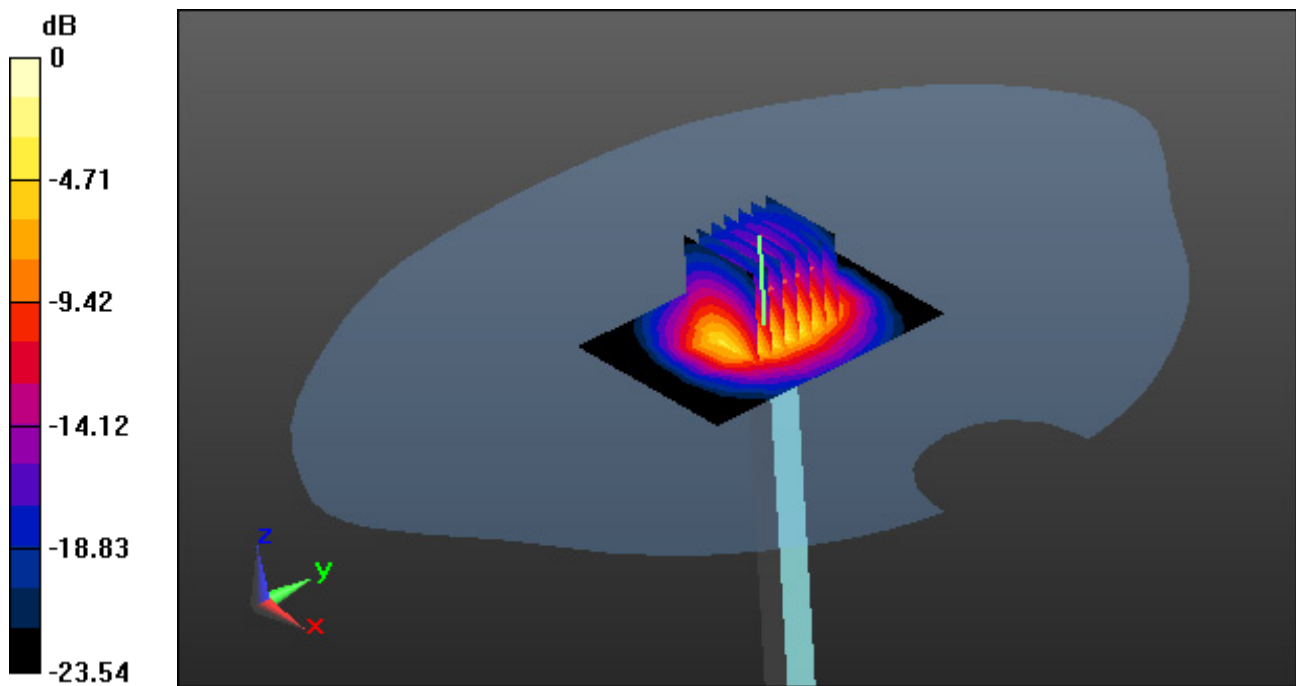
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 8.29 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.373$ S/m; $\epsilon_r = 48.248$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.2

5200 MHz System Body Verification (100 mW)

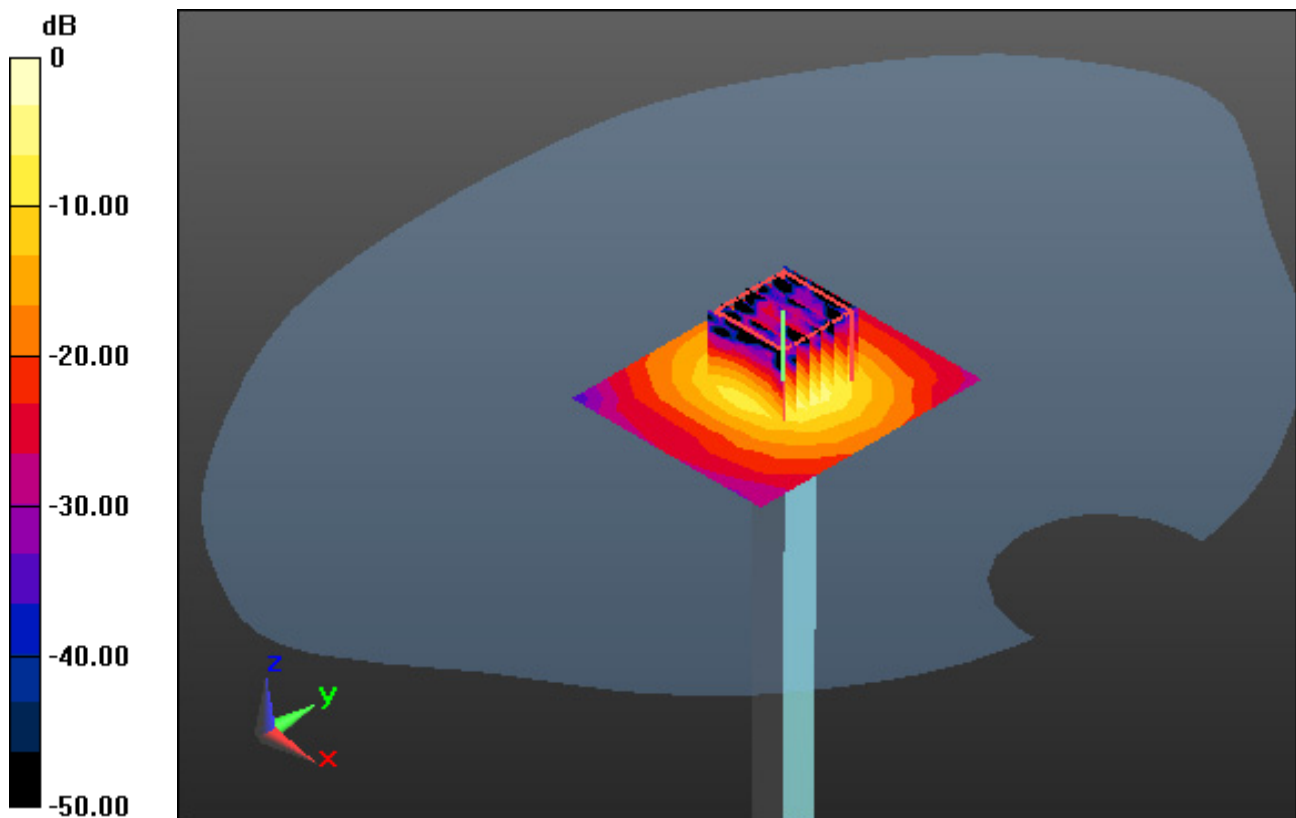
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 32.5 W/kg

SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.17 W/kg



0 dB = 16.5 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.860$ S/m; $\epsilon_r = 35.476$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.92, 4.92, 4.92); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.1

5300 MHz System Head Verification (100 mW)

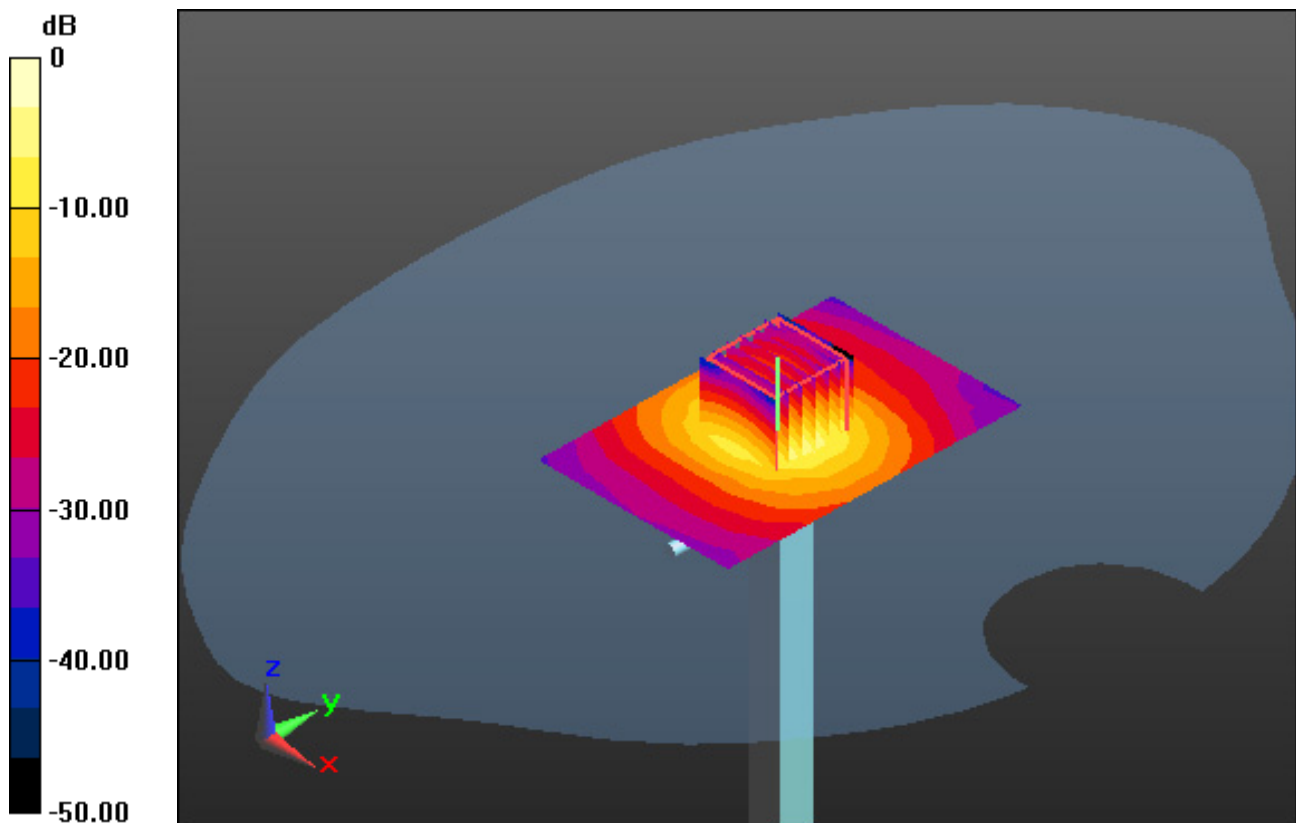
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 34.5 W/kg

SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.25 W/kg



0 dB = 19.9 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 5.417$ S/m; $\epsilon_r = 48.967$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.43, 4.43, 4.43); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.5

5300 MHz System Body Verification (100 mW)

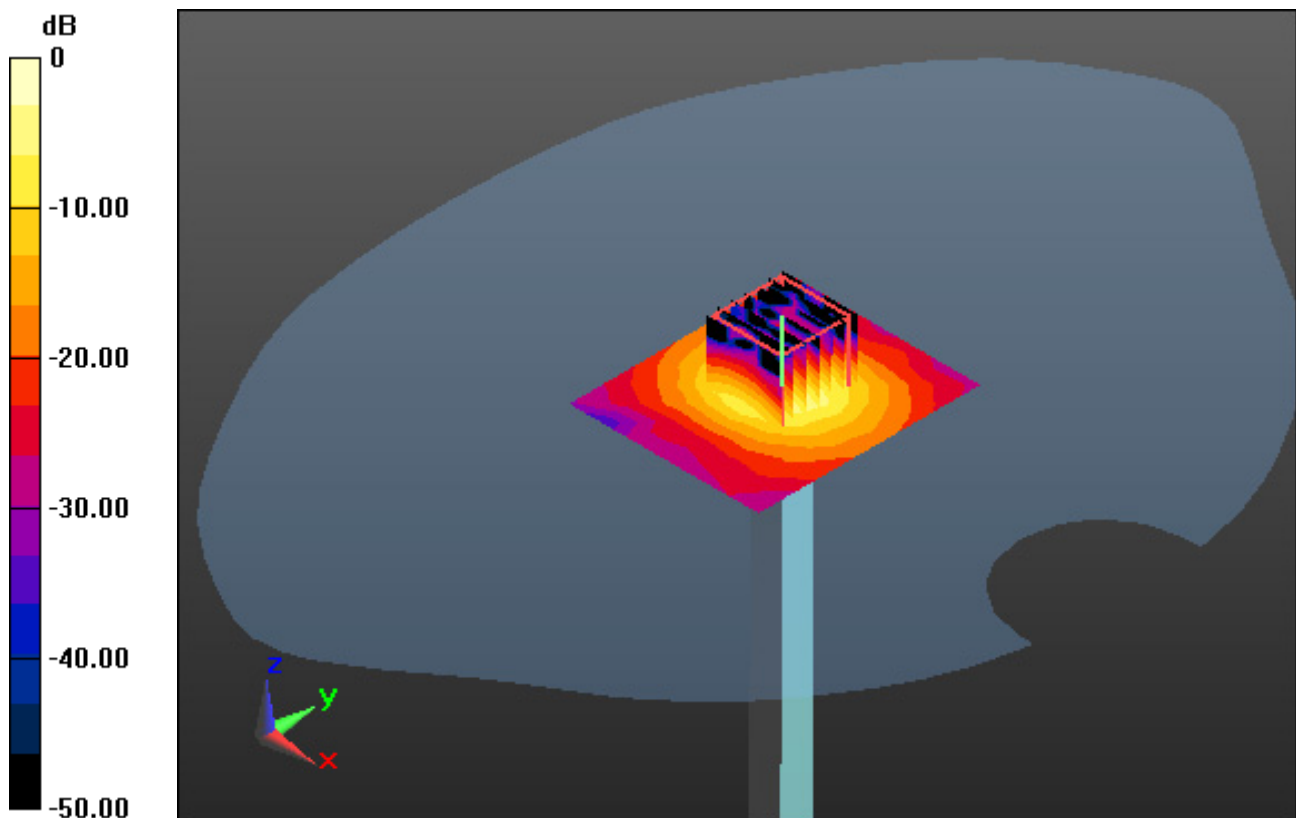
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/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) = 7.51 W/kg; SAR(10 g) = 2.08 W/kg



0 dB = 18.3 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.914$ S/m; $\epsilon_r = 36.165$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.46, 4.46, 4.46); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.9

5600 MHz System Head Verification (100 mW)

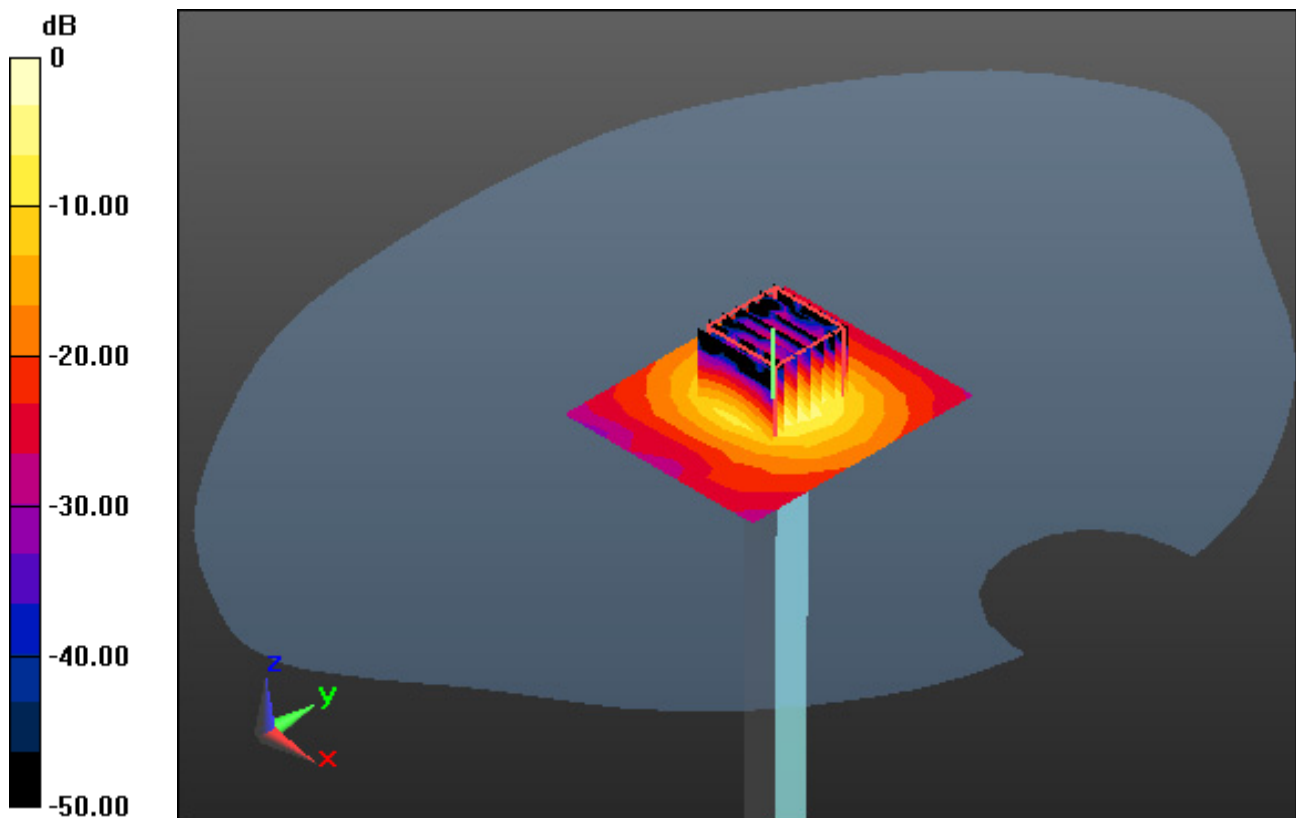
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 38.9 W/kg

SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 17.9 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.912$ S/m; $\epsilon_r = 49.885$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(3.81, 3.81, 3.81); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.6

5600 MHz System Body Verification (100 mW)

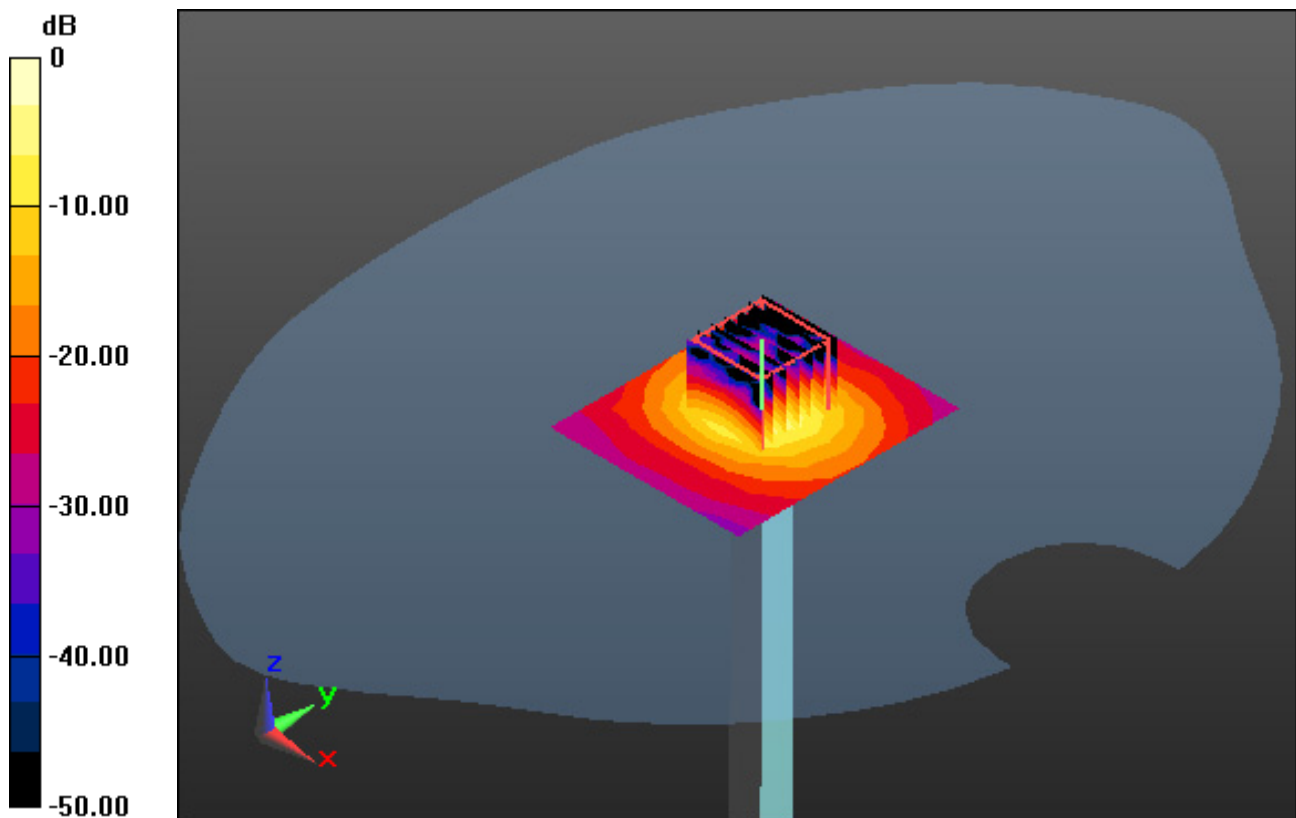
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 34.2 W/kg

SAR(1 g) = 8.34 W/kg; SAR(10 g) = 2.31 W/kg



0 dB = 21.0 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.128$ S/m; $\epsilon_r = 35.864$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.9

5800 MHz System Head Verification (100 mW)

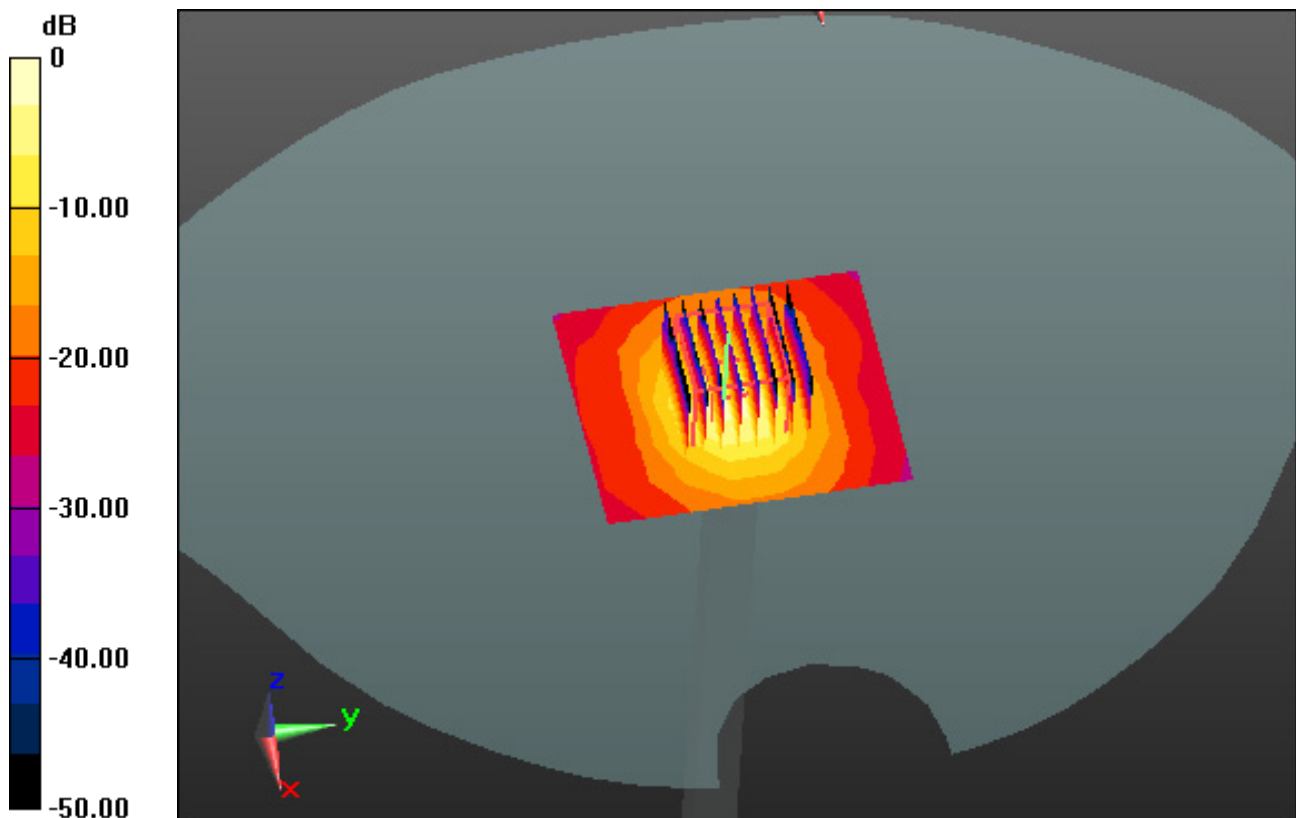
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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) = 35.7 W/kg

SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.33 W/kg



0 dB = 19.7 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.183$ S/m; $\epsilon_r = 49.535$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.6

5800 MHz System Body Verification (100 mW)

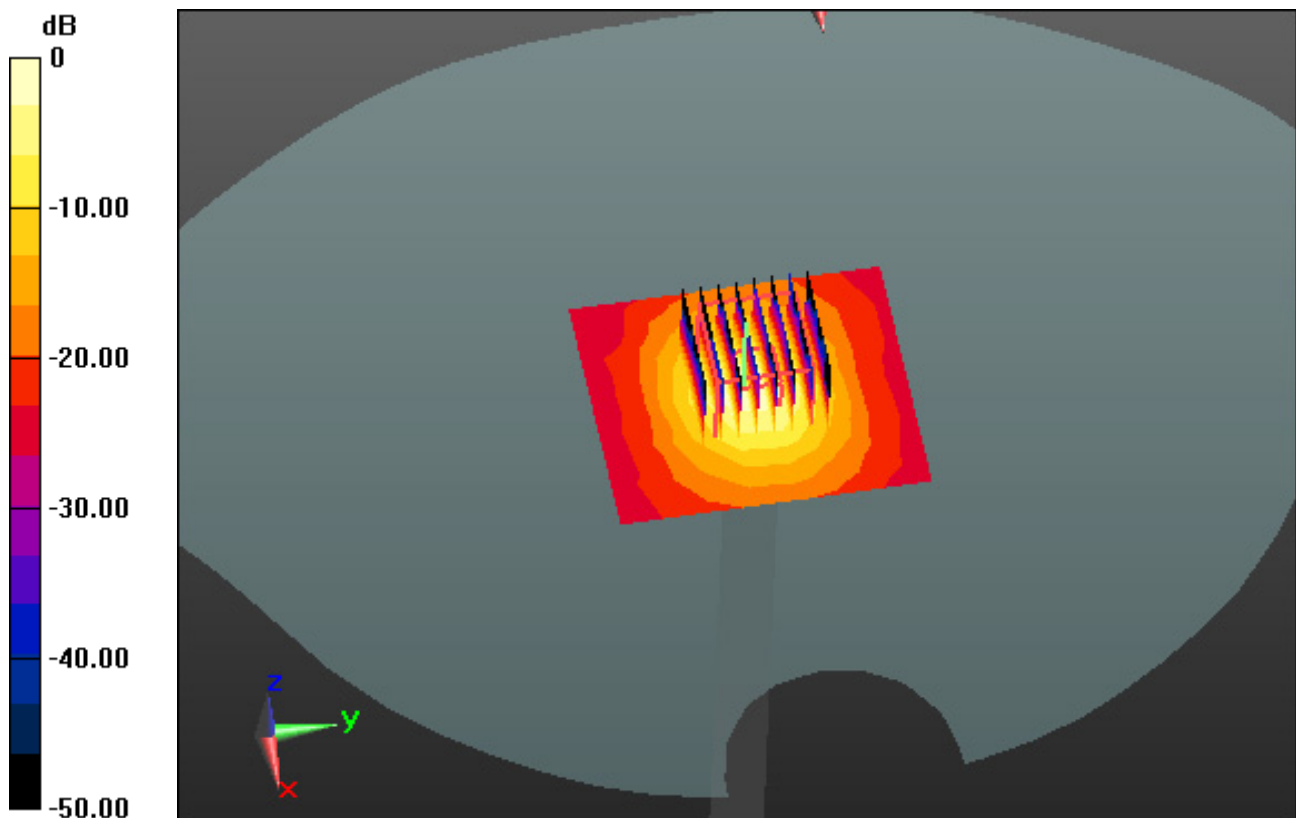
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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) = 29.2 W/kg

SAR(1 g) = 7.18 W/kg; SAR(10 g) = 2.09 W/kg



0 dB = 18.5 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.127$ S/m; $\epsilon_r = 36.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.62, 4.62, 4.62); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 21.3

5800 MHz System Head Verification (100 mW)

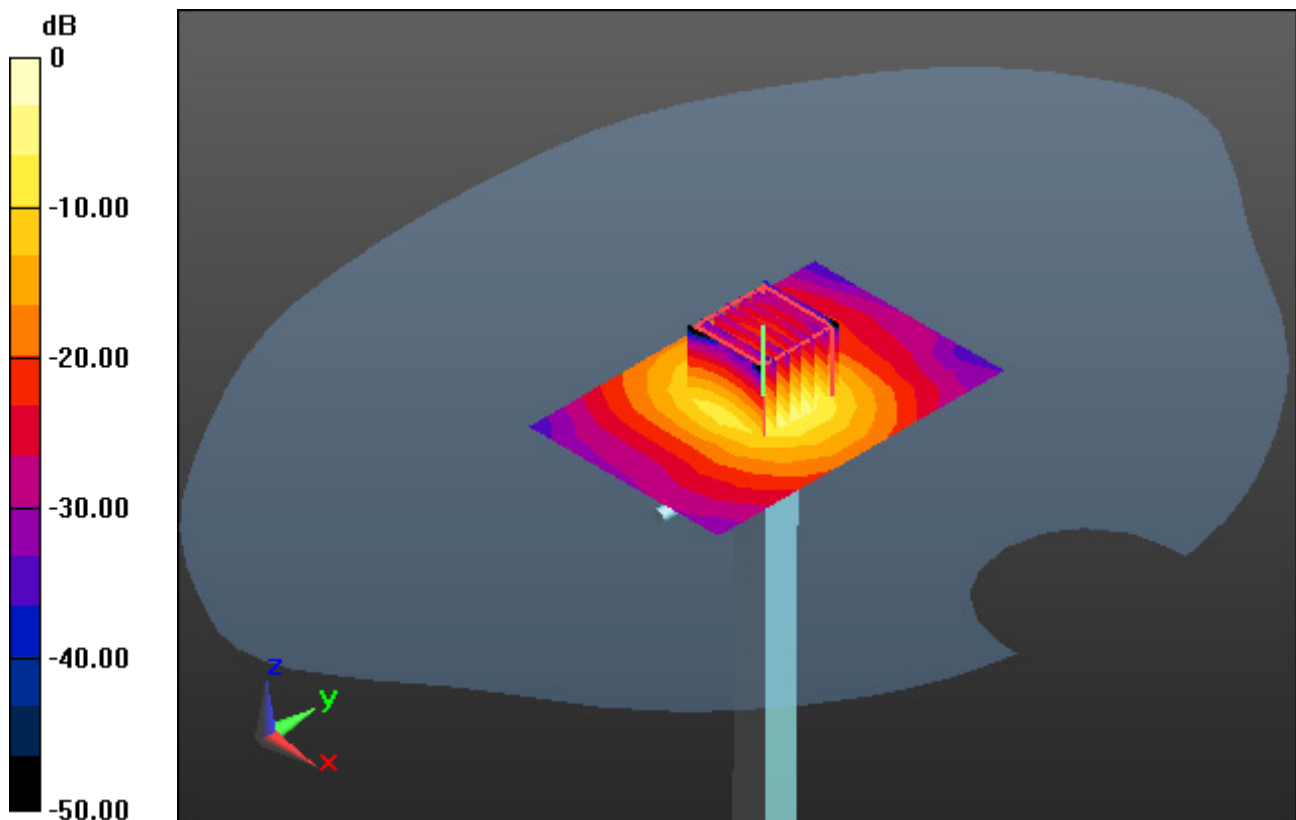
Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 36.1 W/kg

SAR(1 g) = 8.38 W/kg; SAR(10 g) = 2.44 W/kg



0 dB = 20.3 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.233$ S/m; $\epsilon_r = 50.065$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.05, 4.05, 4.05); Calibrated: 5/28/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (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: 2019-09-12; Ambient Temp: 21.4; Tissue Temp: 22.0

5800 MHz System Body Verification (100 mW)

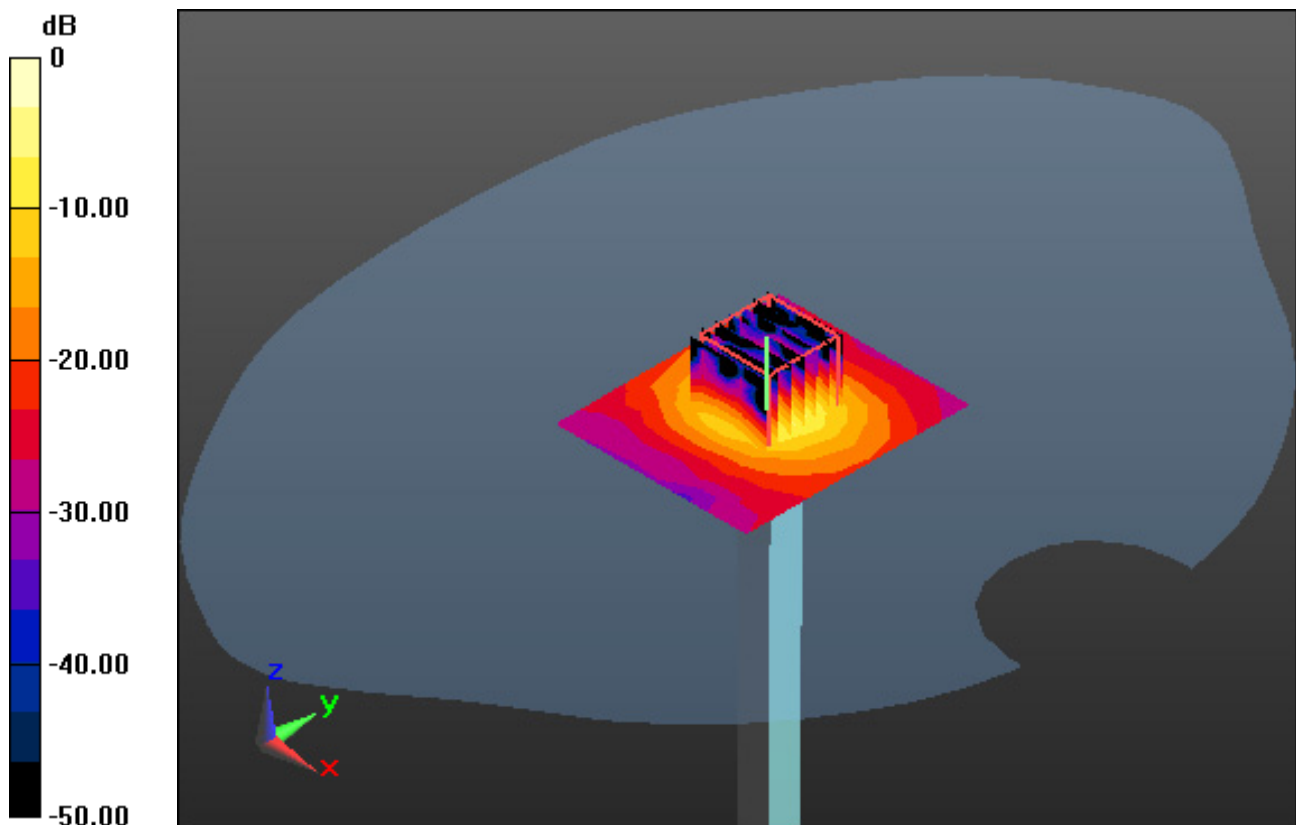
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 28.7 W/kg

SAR(1 g) = 7.16 W/kg; SAR(10 g) = 2.06 W/kg



0 dB = 18.2 W/kg