

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: $f = 750 \text{ MHz}$; $\sigma = 0.897 \text{ S/m}$; $\epsilon_r = 40.609$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.68, 10.68, 10.68); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-31; Ambient Temp: 21.2; Tissue Temp: 21.8

750 MHz System Head Verification (250 mW)

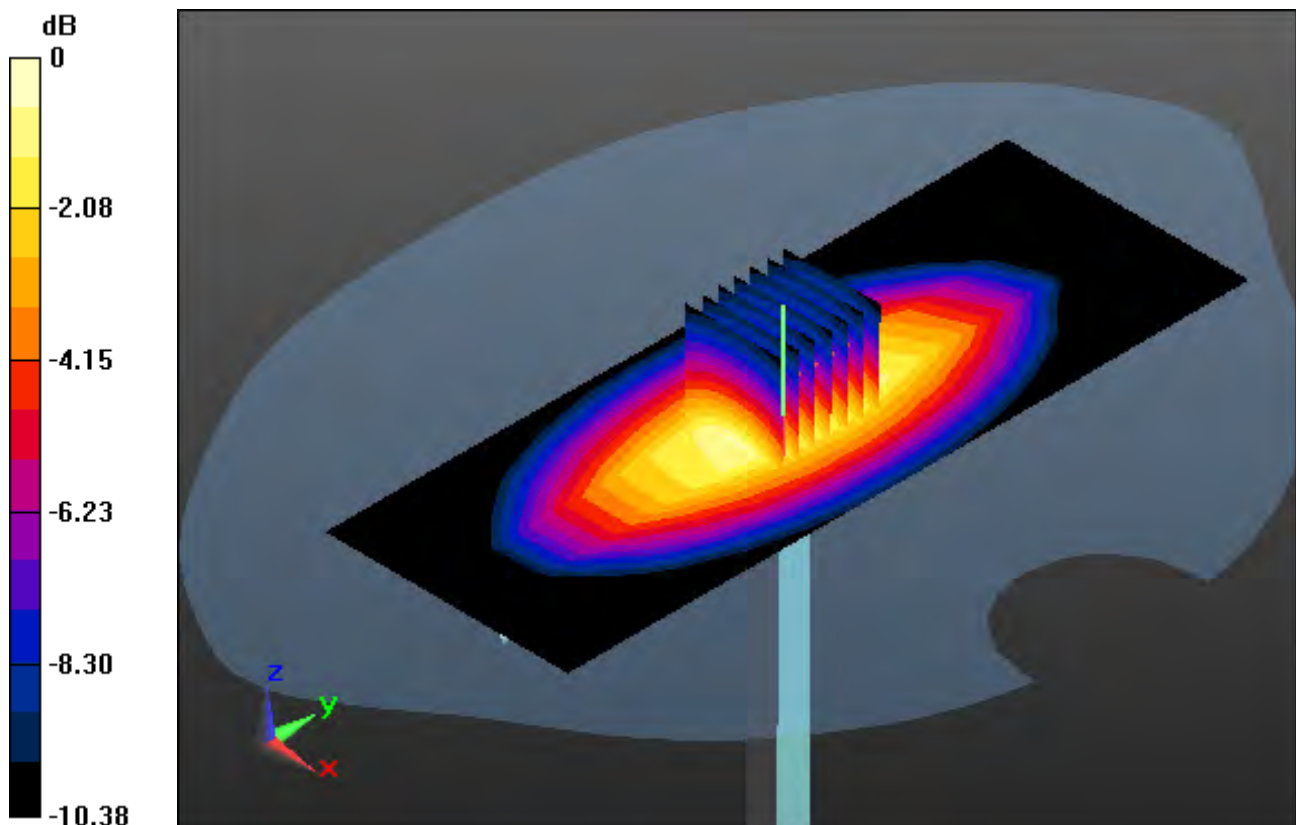
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 2.81 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.30 W/kg



0 dB = 2.49 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: $f = 750 \text{ MHz}$; $\sigma = 0.966 \text{ S/m}$; $\epsilon_r = 55.771$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.44, 10.44, 10.44); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-02; Ambient Temp: 21.3; Tissue Temp: 21.2

750 MHz System Body Verification (250 mW)

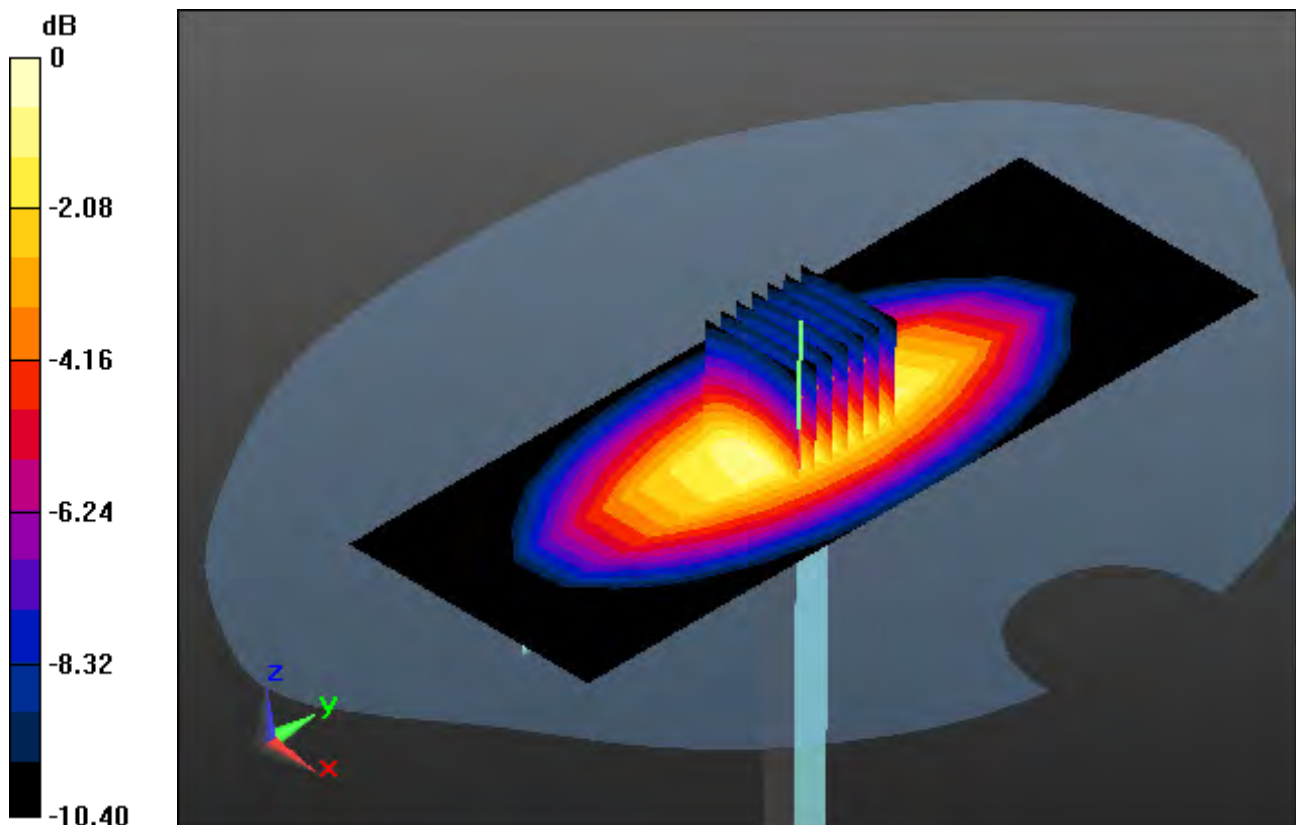
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.44 W/kg



0 dB = 2.78 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: $f = 835 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 40.395$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-27; Ambient Temp: 21.2; Tissue Temp: 21.3

835 MHz System Head Verification (250 mW)

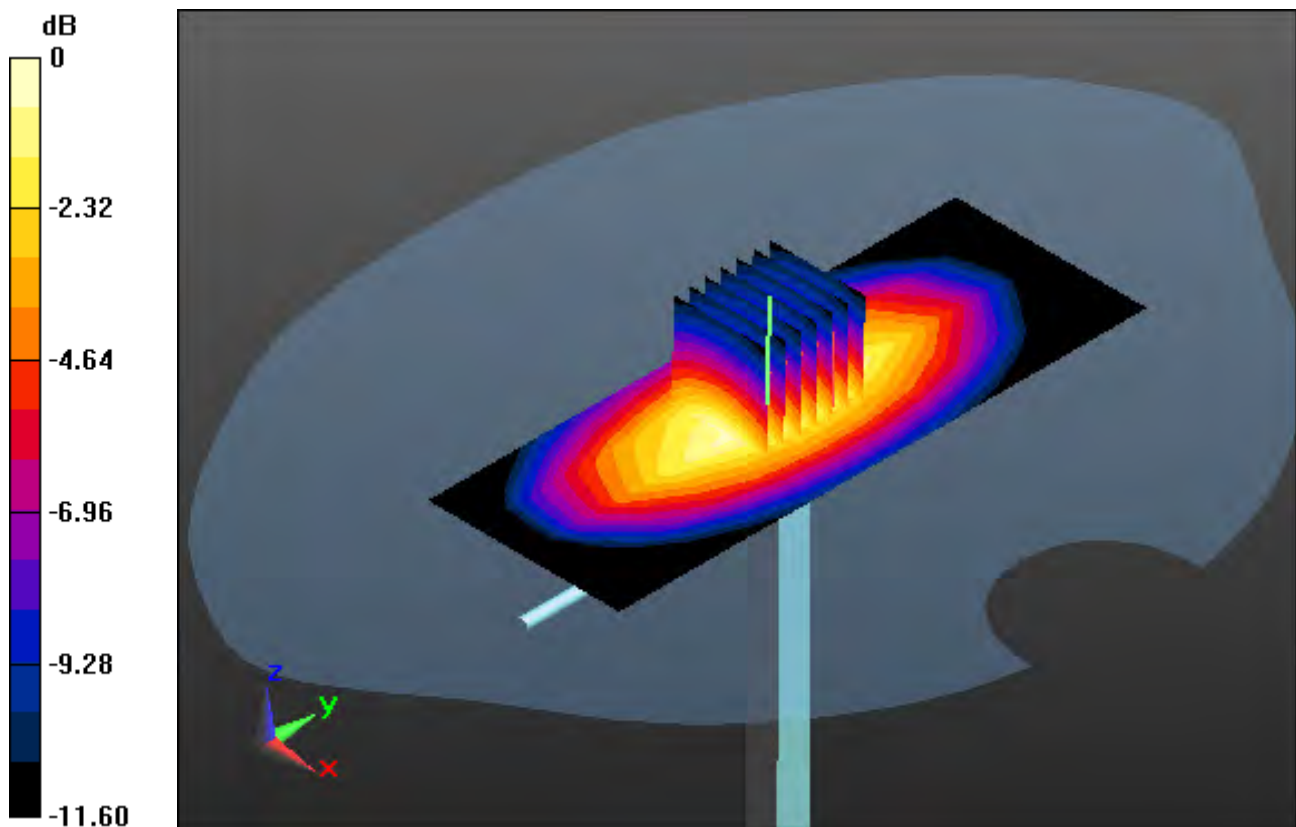
Area Scan (5x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.42 W/kg



0 dB = 2.87 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: $f = 835 \text{ MHz}$; $\sigma = 0.947 \text{ S/m}$; $\epsilon_r = 56.405$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-30; Ambient Temp: 22.1; Tissue Temp: 22.0

835 MHz System Body Verification (250 mW)

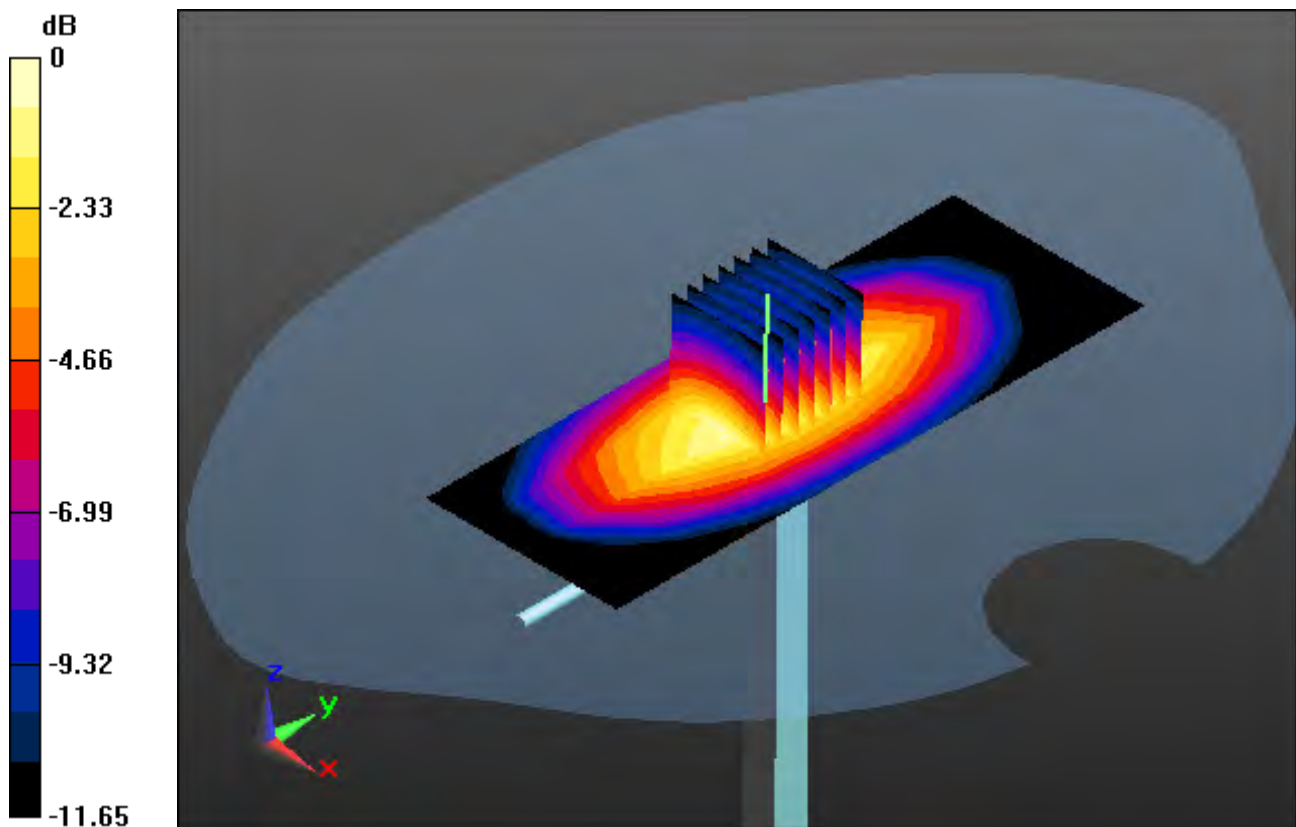
Area Scan (5x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.55 W/kg



0 dB = 3.15 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; $\sigma = 1.37$ S/m; $\epsilon_r = 40.597$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.84, 8.84, 8.84); Calibrated: 11/27/2019; 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: 2019-12-31; Ambient Temp: 21.0; Tissue Temp: 20.8

1800 MHz System Head Verification (100 mW)

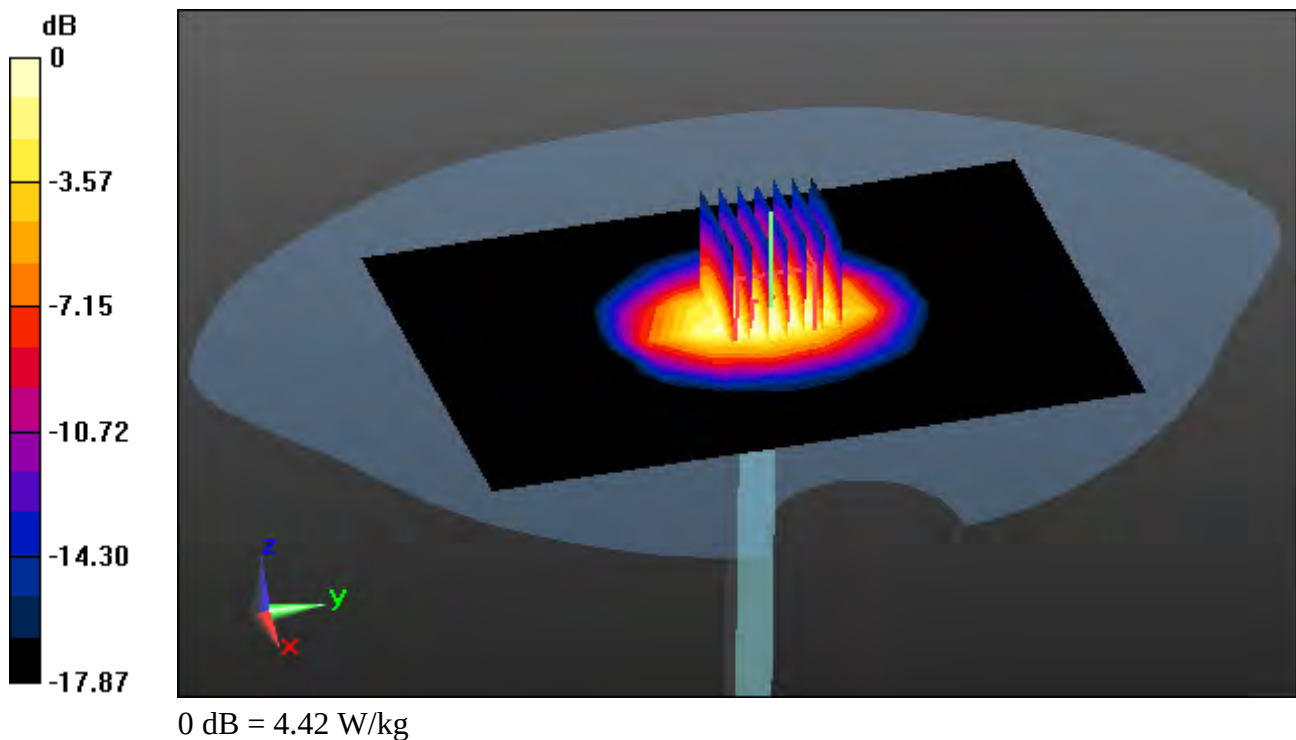
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.52 W/kg

SAR(1 g) = 3.98 W/kg; SAR(10 g) = 2.08 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; $\sigma = 1.564$ S/m; $\epsilon_r = 52.162$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.65, 8.65, 8.65); Calibrated: 11/27/2019; 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: 2020-01-02; Ambient Temp: 21.0; Tissue Temp: 21.1

1800 MHz System Body Verification (100 mW)

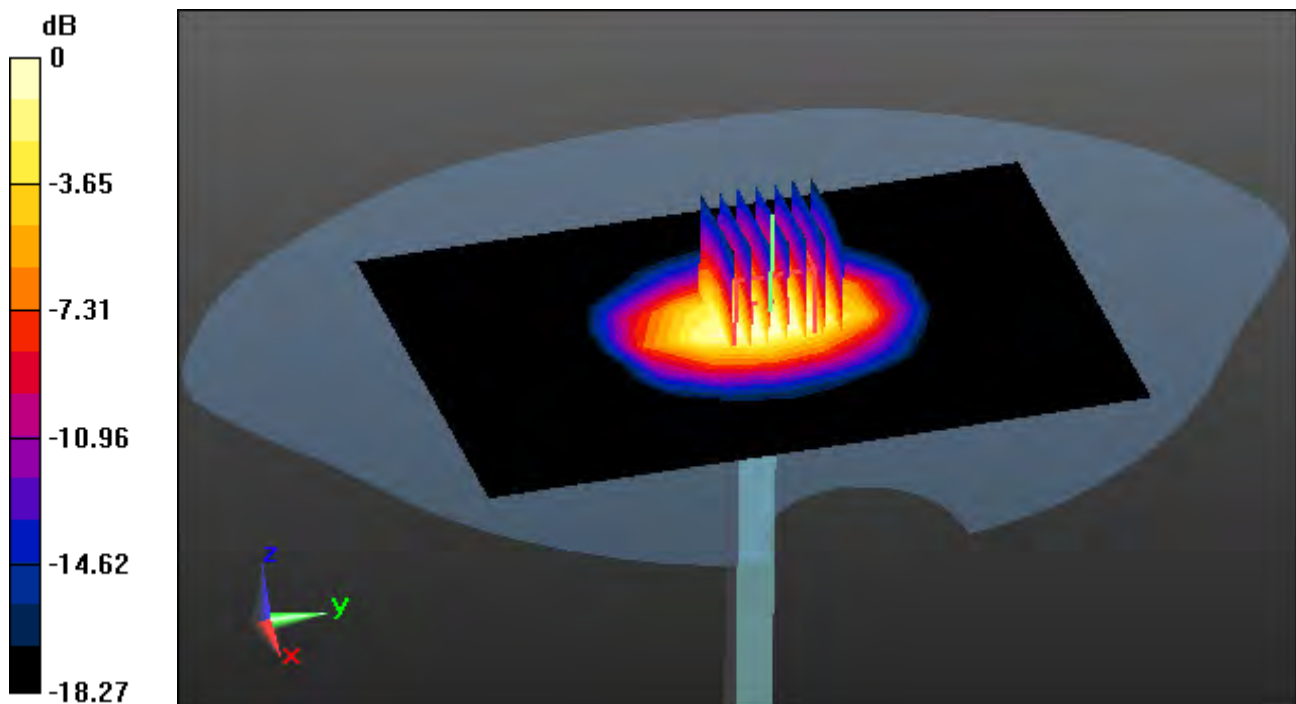
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.96 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 2.07 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; $\sigma = 1.402$ S/m; $\epsilon_r = 40.269$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.53, 8.53, 8.53); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-27; Ambient Temp: 21.1; Tissue Temp: 21.0

1900 MHz System Head Verification (100 mW)

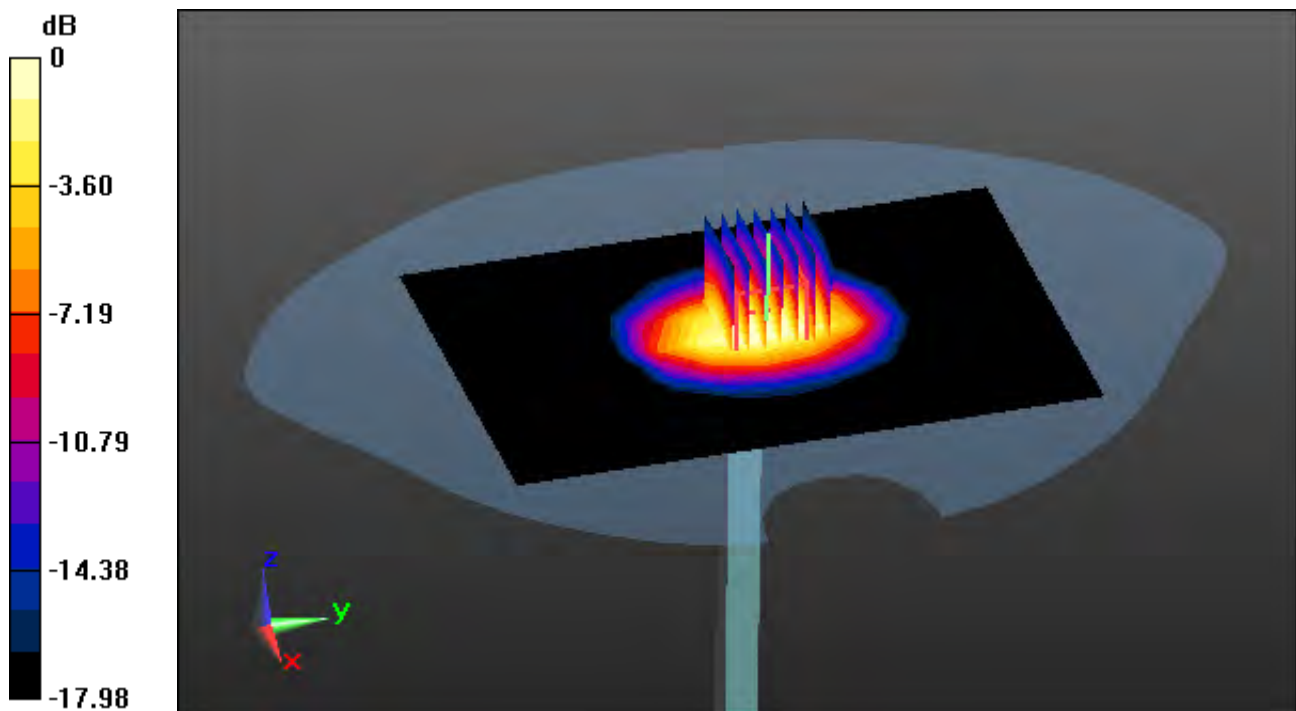
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.82 W/kg

SAR(1 g) = 4.13 W/kg; SAR(10 g) = 2.16 W/kg



0 dB = 4.59 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; $\sigma = 1.525$ S/m; $\epsilon_r = 52.57$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: TP:1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

1900 MHz System Body Verification (100 mW)

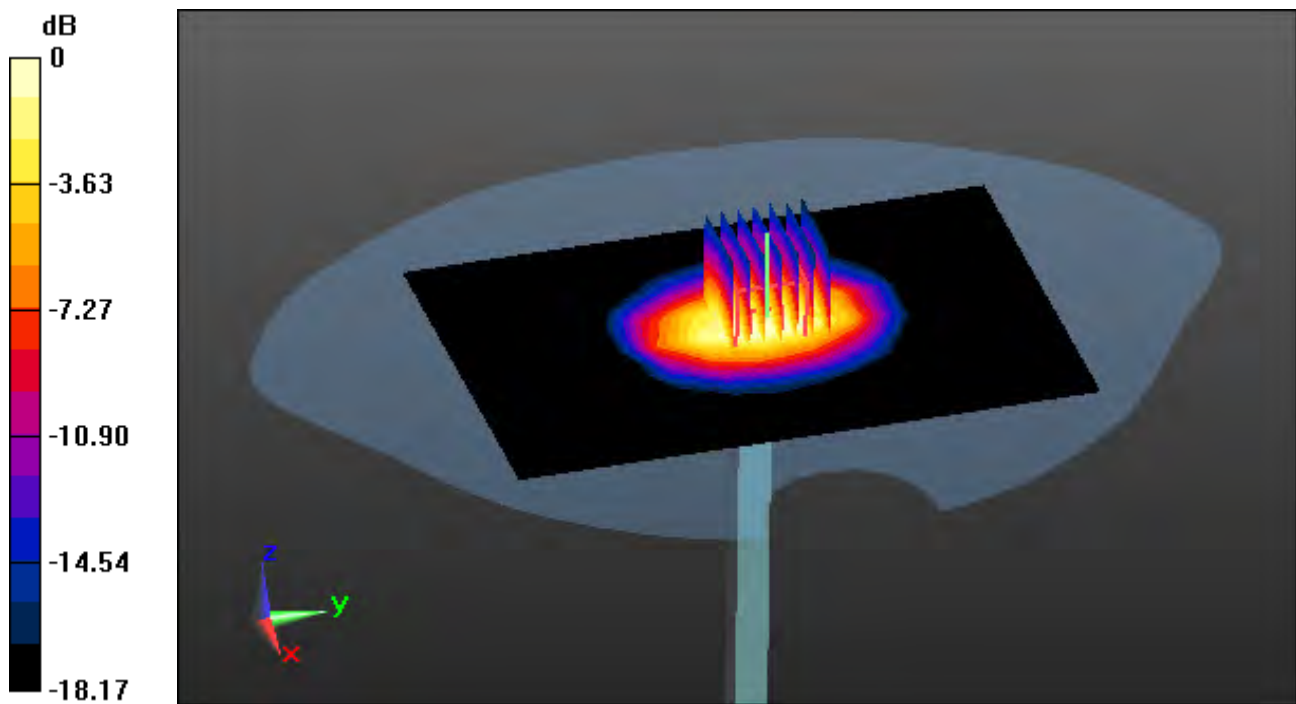
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.93 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.04 W/kg



0 dB = 4.11 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 40.353$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.84, 7.84, 7.84); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-03; Ambient Temp: 21.3; Tissue Temp: 21.6

2450 MHz System Head Verification (100 mW)

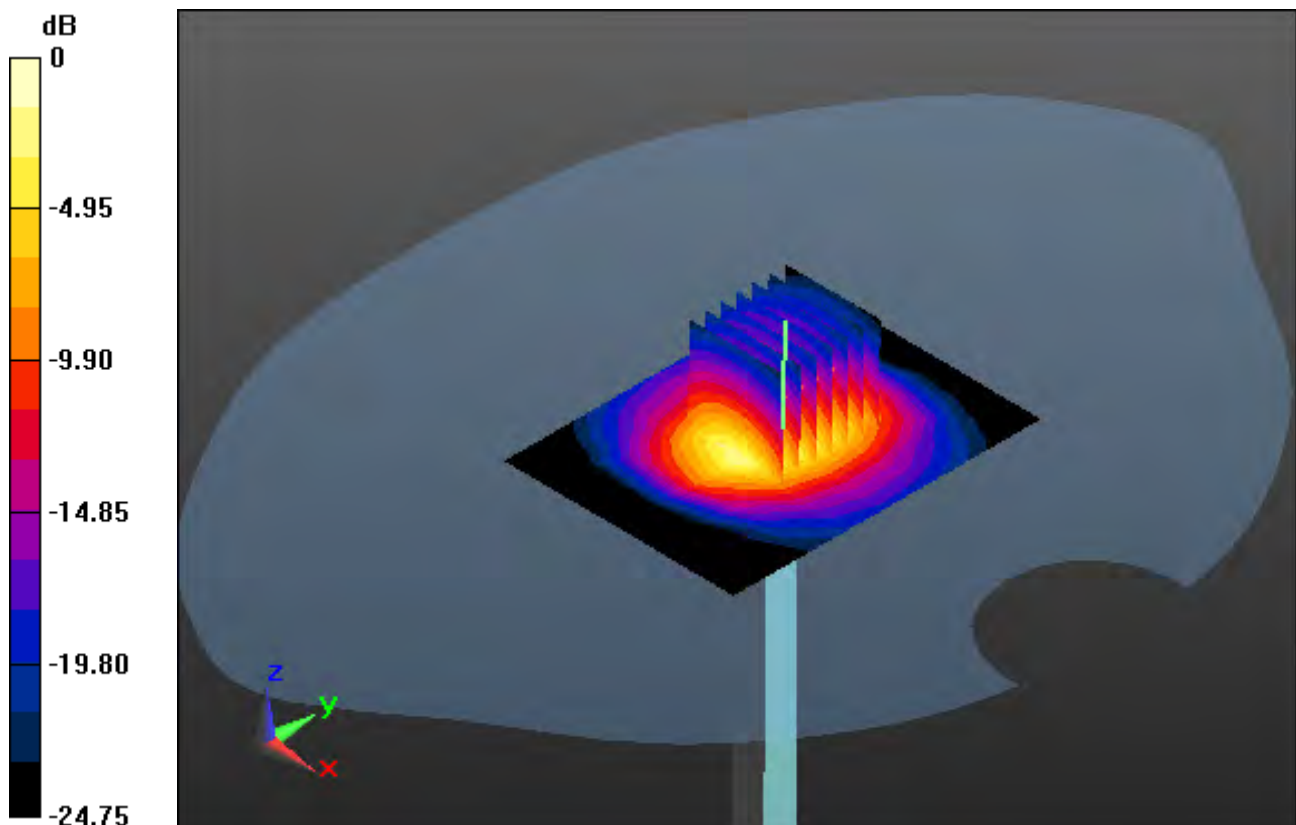
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 5.06 W/kg; SAR(10 g) = 2.36 W/kg



0 dB = 8.03 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.924$ S/m; $\epsilon_r = 50.995$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

2450 MHz System Body Verification (100 mW)

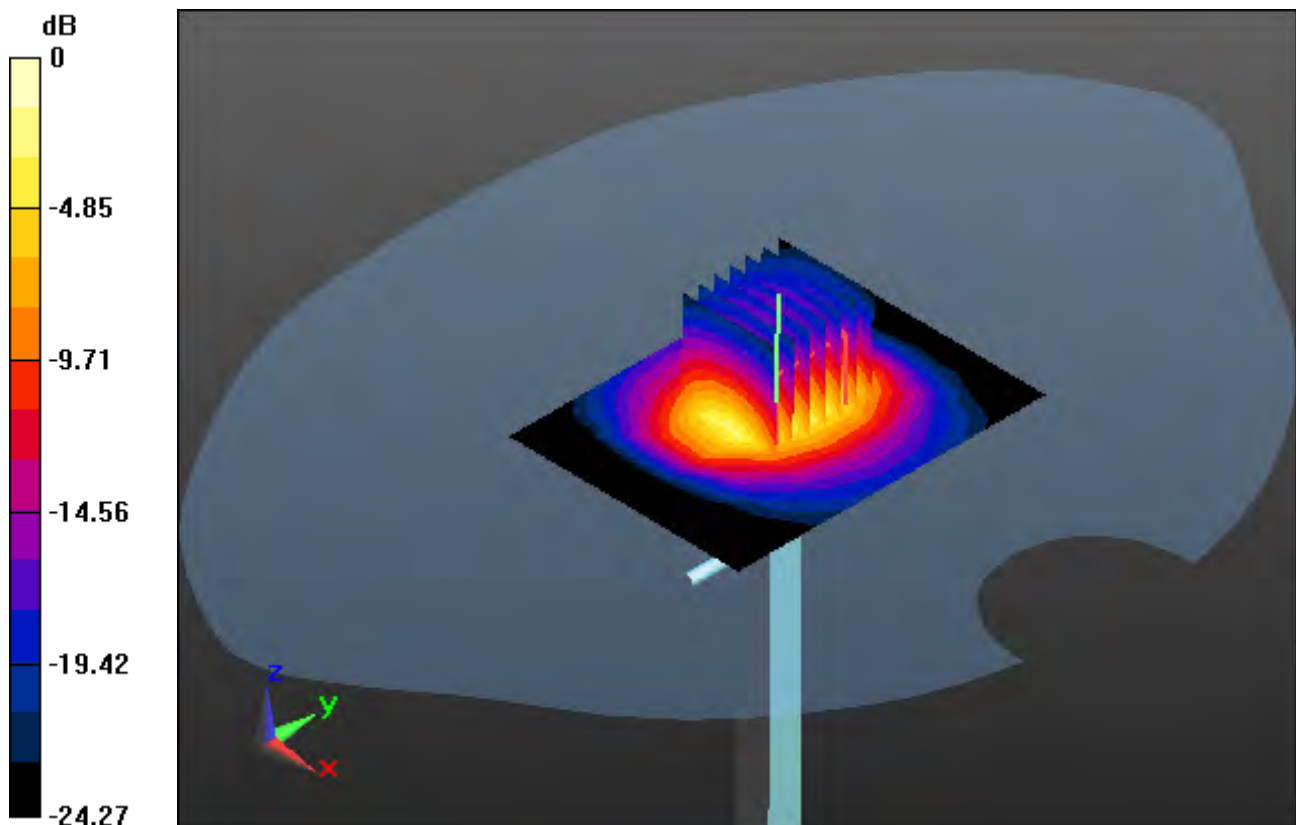
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 5.38 W/kg; SAR(10 g) = 2.57 W/kg



0 dB = 9.2 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; $\sigma = 5.176$ S/m; $\epsilon_r = 50.748$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.31, 5.31, 5.31); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

5200 MHz System Body Verification (100 mW)

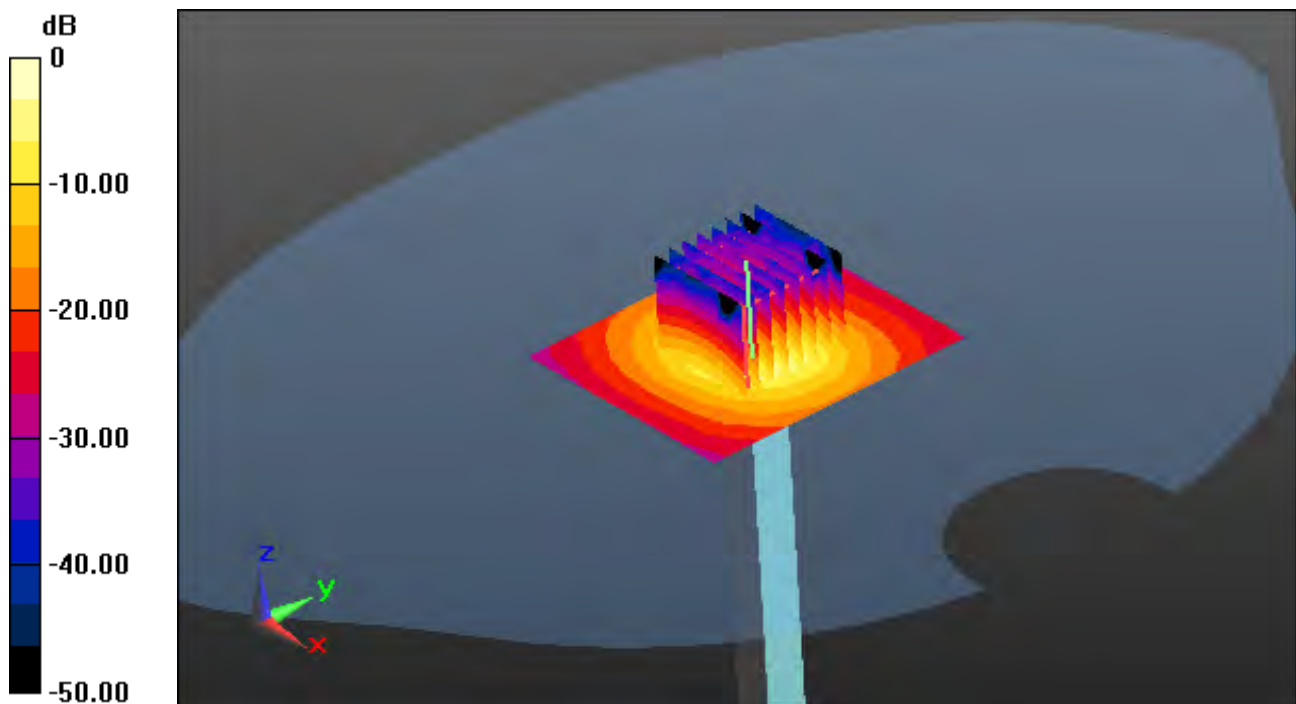
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 33.61 W/kg

SAR(1 g) = 7.22 W/kg; SAR(10 g) = 2.07 W/kg



0 dB = 15.8 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.867$ S/m; $\epsilon_r = 35.029$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.61, 5.61, 5.61); Calibrated: 11/27/2019 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 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-08; Ambient Temp: 20.4; Tissue Temp: 20.6

5300 MHz System Head Verification (100 mW)

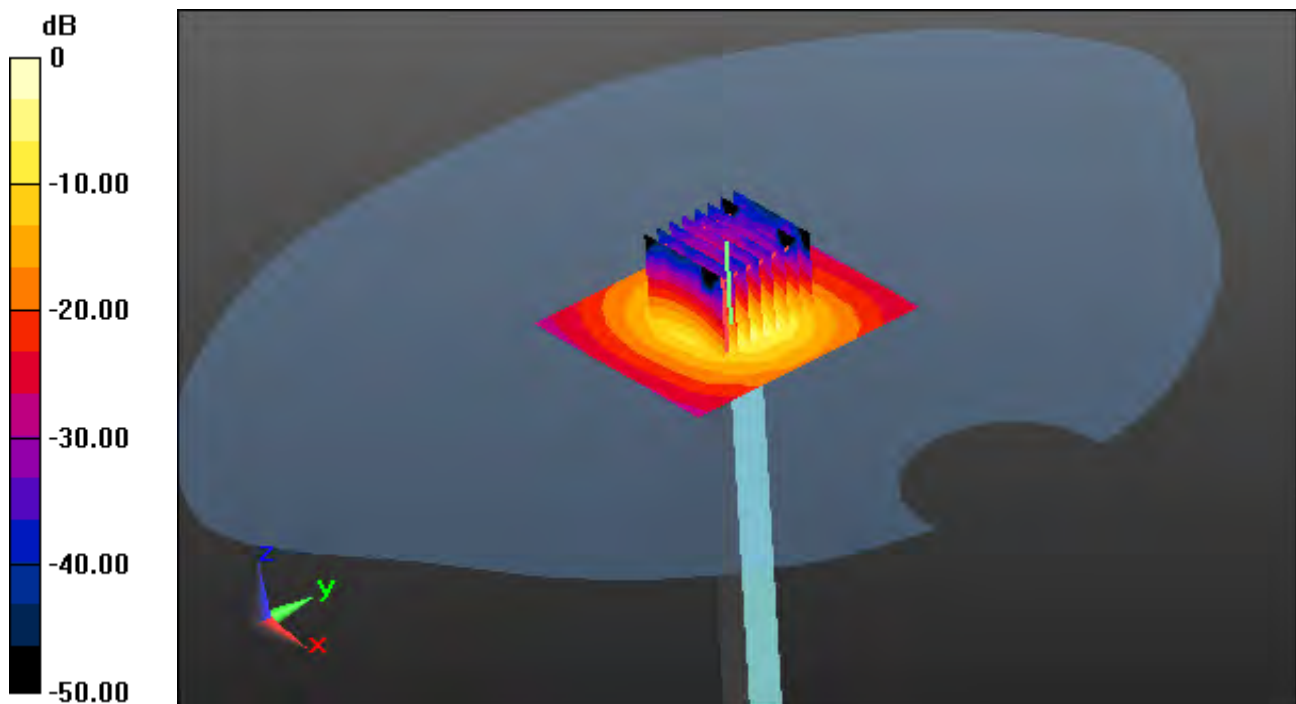
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 37.14 W/kg

SAR(1 g) = 8.31 W/kg; SAR(10 g) = 2.33 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; $\sigma = 5.306$ S/m; $\epsilon_r = 50.476$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: 1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

5300 MHz System Body Verification (100 mW)

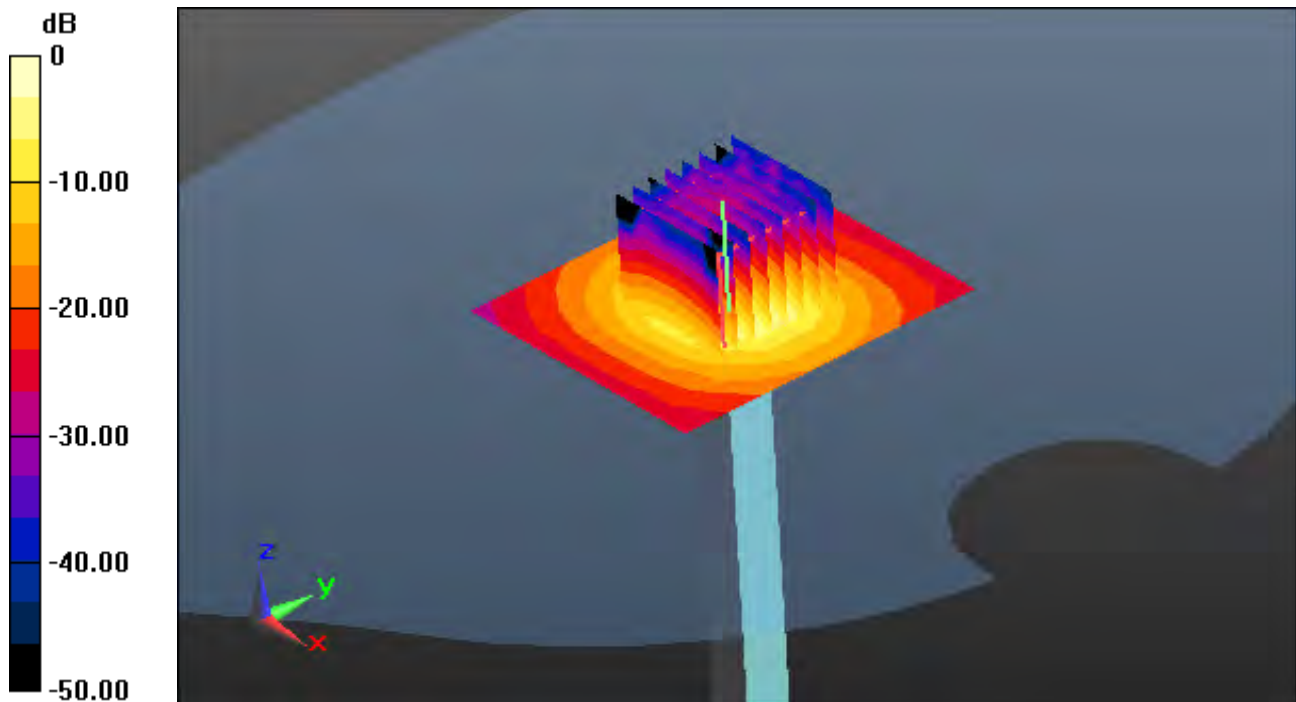
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 33.75 W/kg

SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.12 W/kg



DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.125$ S/m; $\epsilon_r = 34.484$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019 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 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

5500 MHz System Head Verification (100 mW)

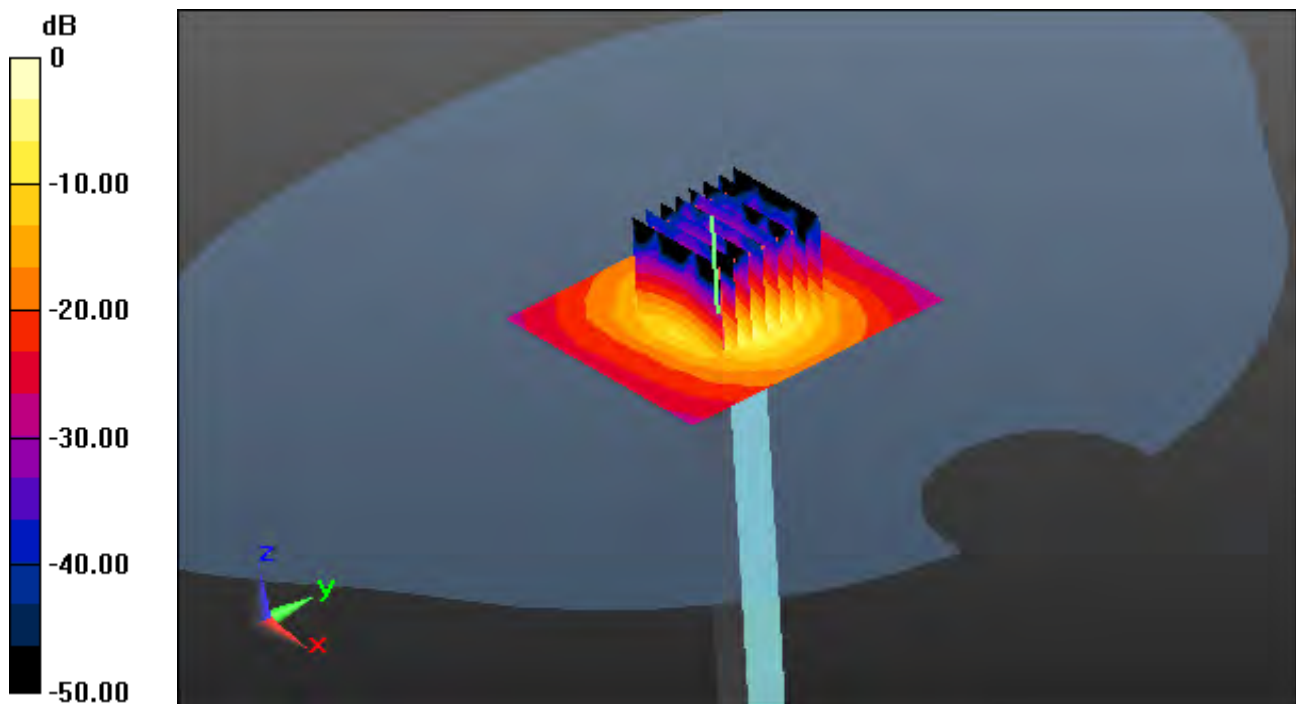
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 39.87 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.26 W/kg



0 dB = 21.15 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.635$ S/m; $\epsilon_r = 49.788$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.56, 4.56, 4.56); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

5500 MHz System Body Verification (100 mW)

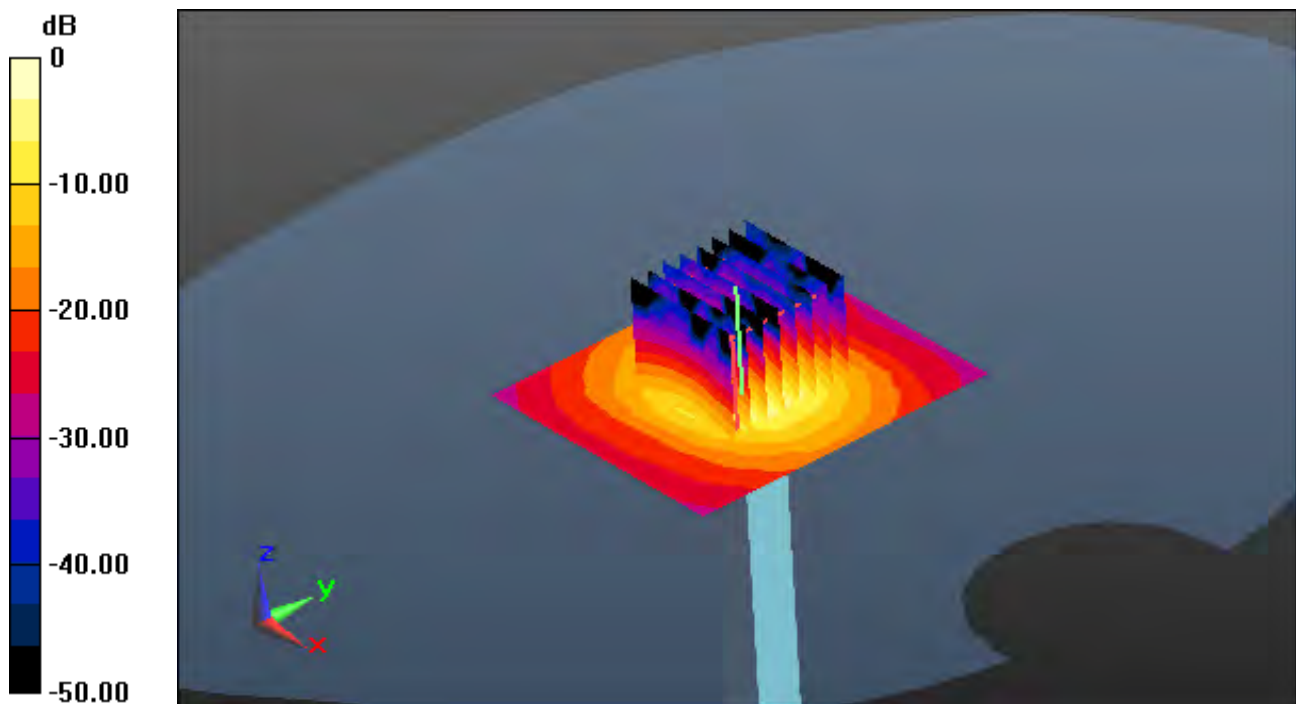
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 29.47 W/kg

SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.28 W/kg



0 dB = 16.45 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; $\sigma = 5.465$ S/m; $\epsilon_r = 34.025$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.17, 5.17, 5.17); Calibrated: 11/27/2019 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 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

5800 MHz System Head Verification (100 mW)

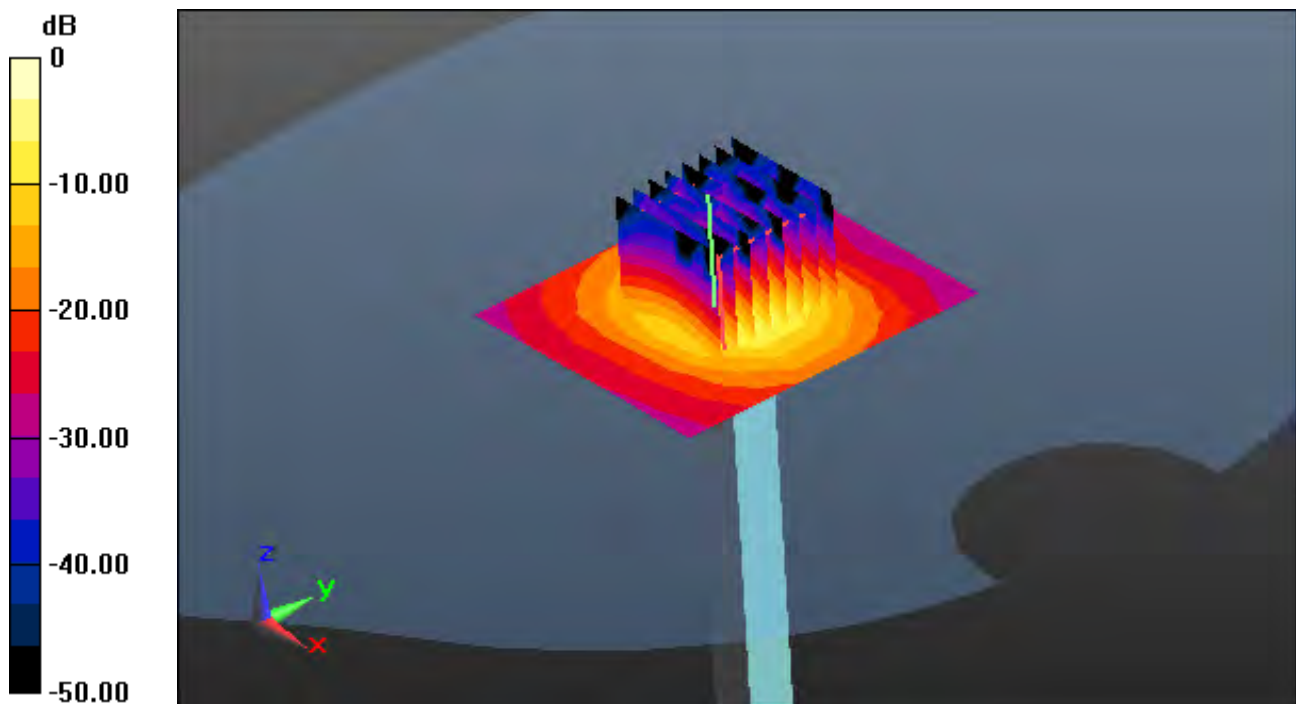
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 41.07 W/kg

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



0 dB = 21.78 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.091 \text{ S/m}$; $\epsilon_r = 48.83$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.56, 4.56, 4.56); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

5800 MHz System Body Verification (100 mW)

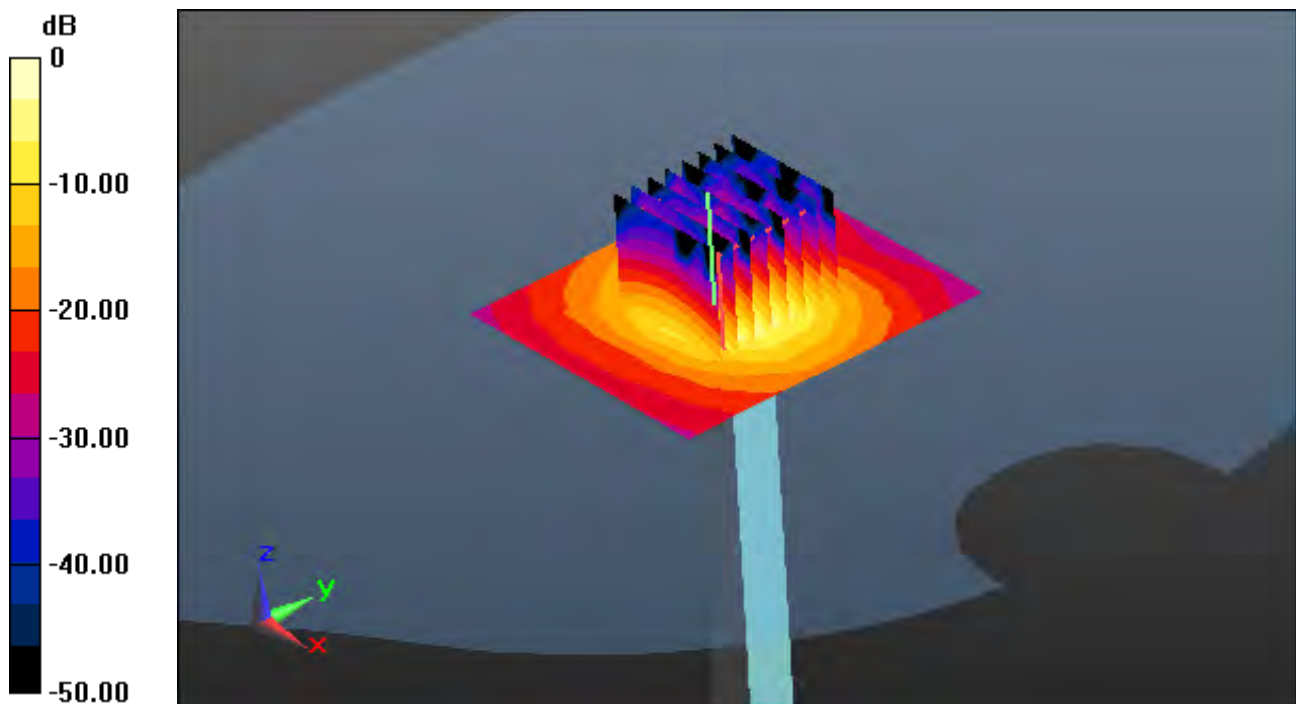
Area Scan (7x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 29.24 W/kg

SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.2 W/kg



0 dB = 16.19 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; $\sigma = 5.466$ S/m; $\epsilon_r = 34.156$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.17, 5.17, 5.17); Calibrated: 11/27/2019 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 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-10; Ambient Temp: 21.0; Tissue Temp: 21.1

5800 MHz System Head Verification (100 mW)

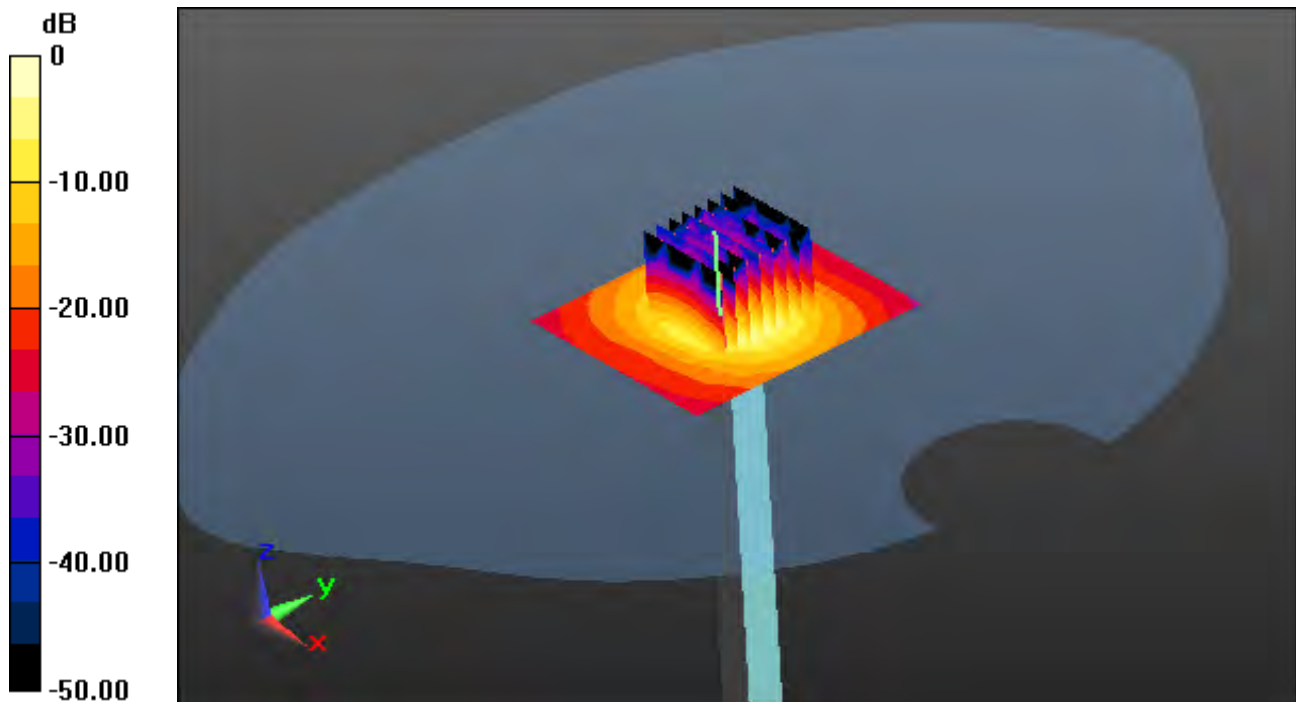
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 38.05 W/kg

SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.23 W/kg



0 dB = 17.03 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; $\sigma = 6.049$ S/m; $\epsilon_r = 49.858$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

5800 MHz System Body Verification (100 mW)

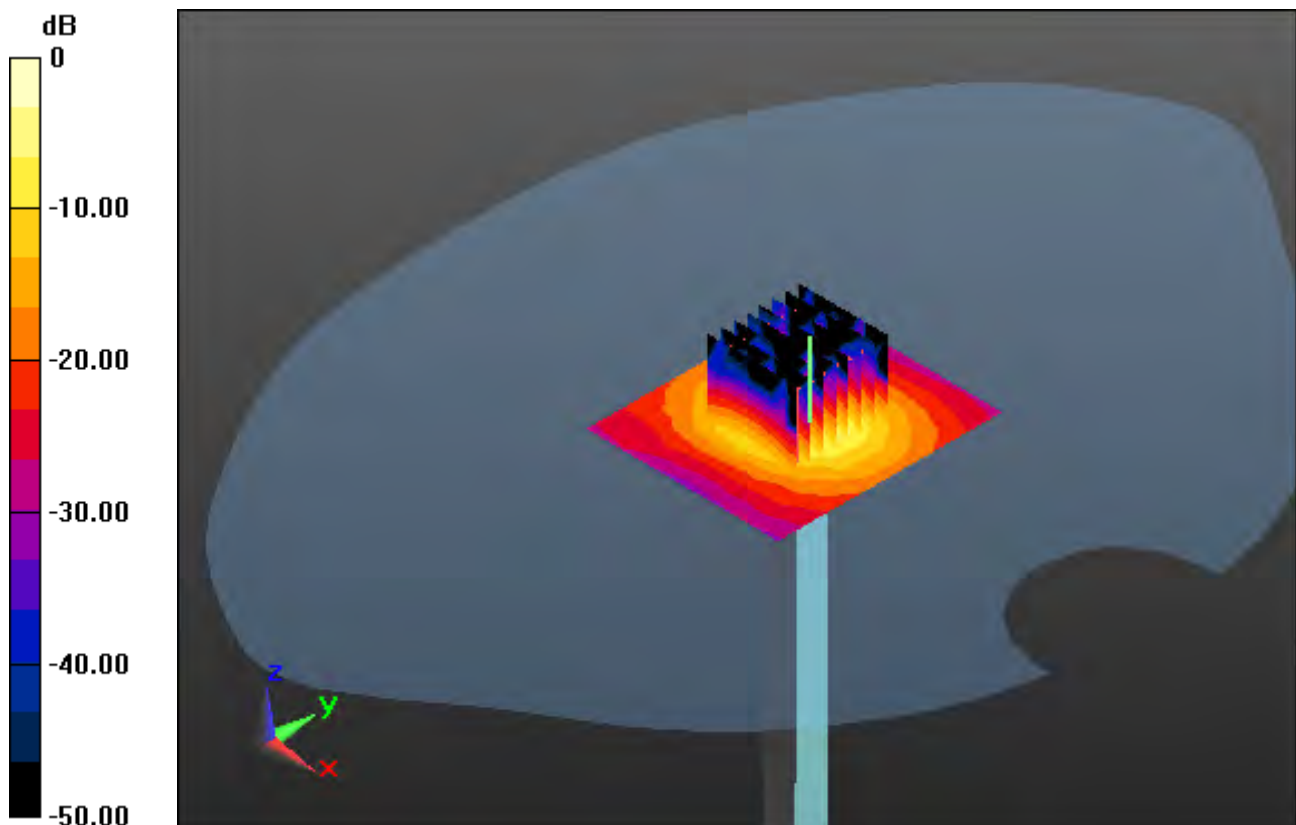
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 29.2 W/kg

SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.03 W/kg



0 dB = 19.2 W/kg

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 40.388$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-27; Ambient Temp: 21.2; Tissue Temp: 21.3

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

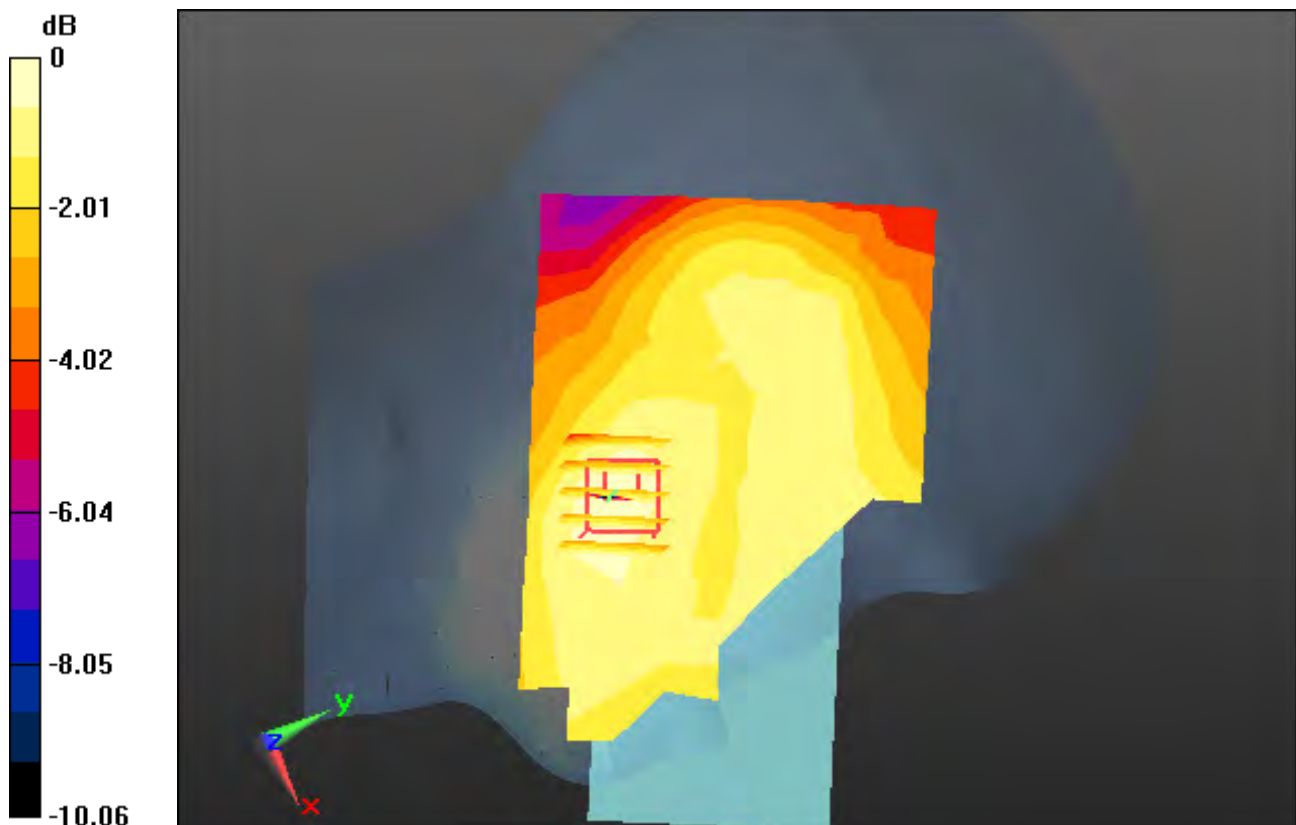
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

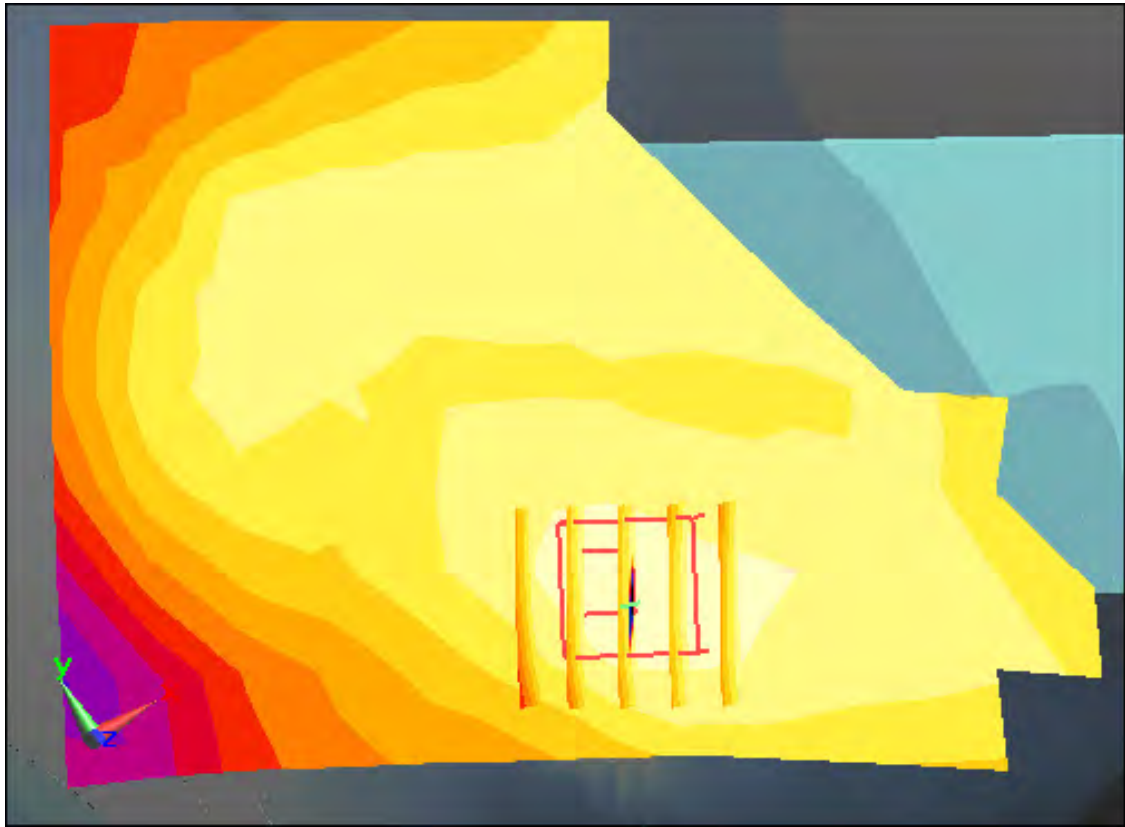
Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.134 W/kg



0 dB = 0.202 W/kg



Enlarged Plot for A1

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.388$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-27; Ambient Temp: 21.2; Tissue Temp: 21.3

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

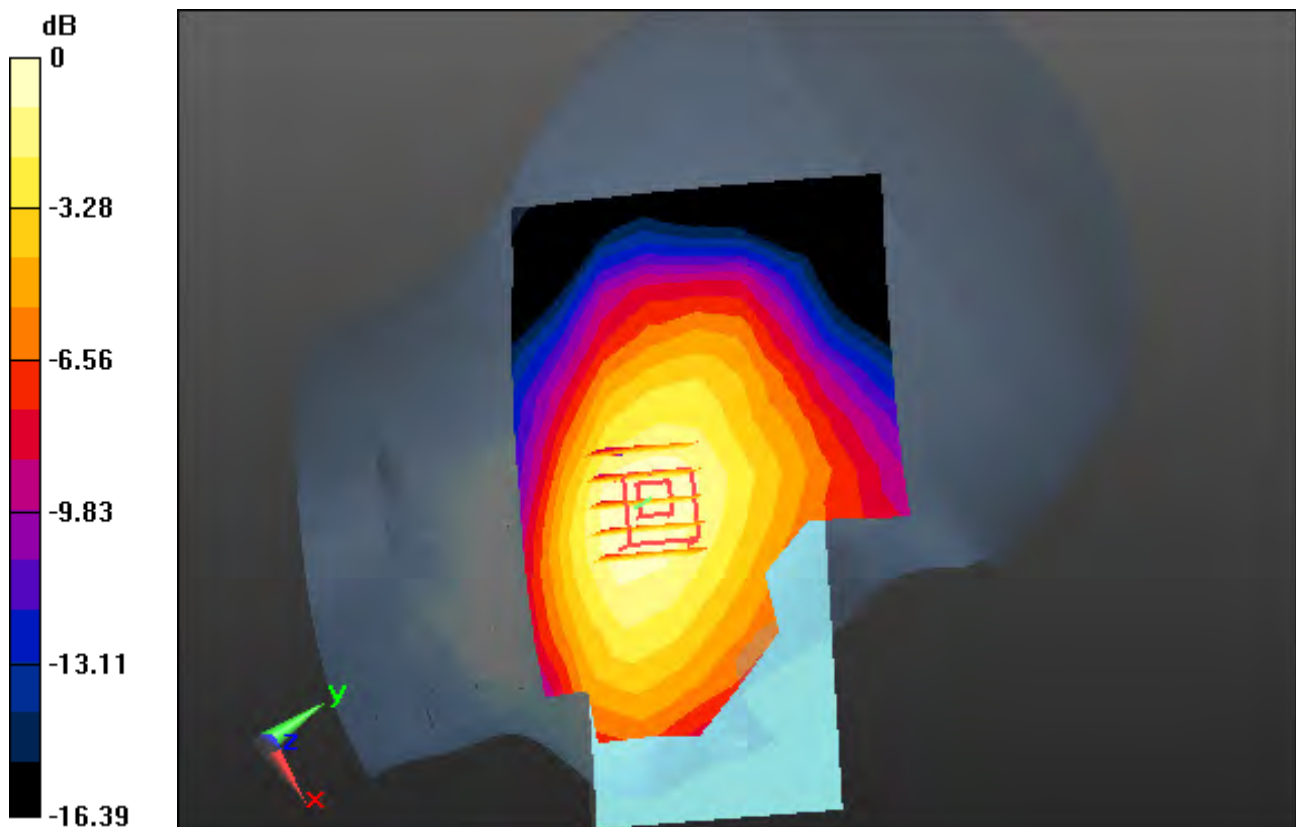
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

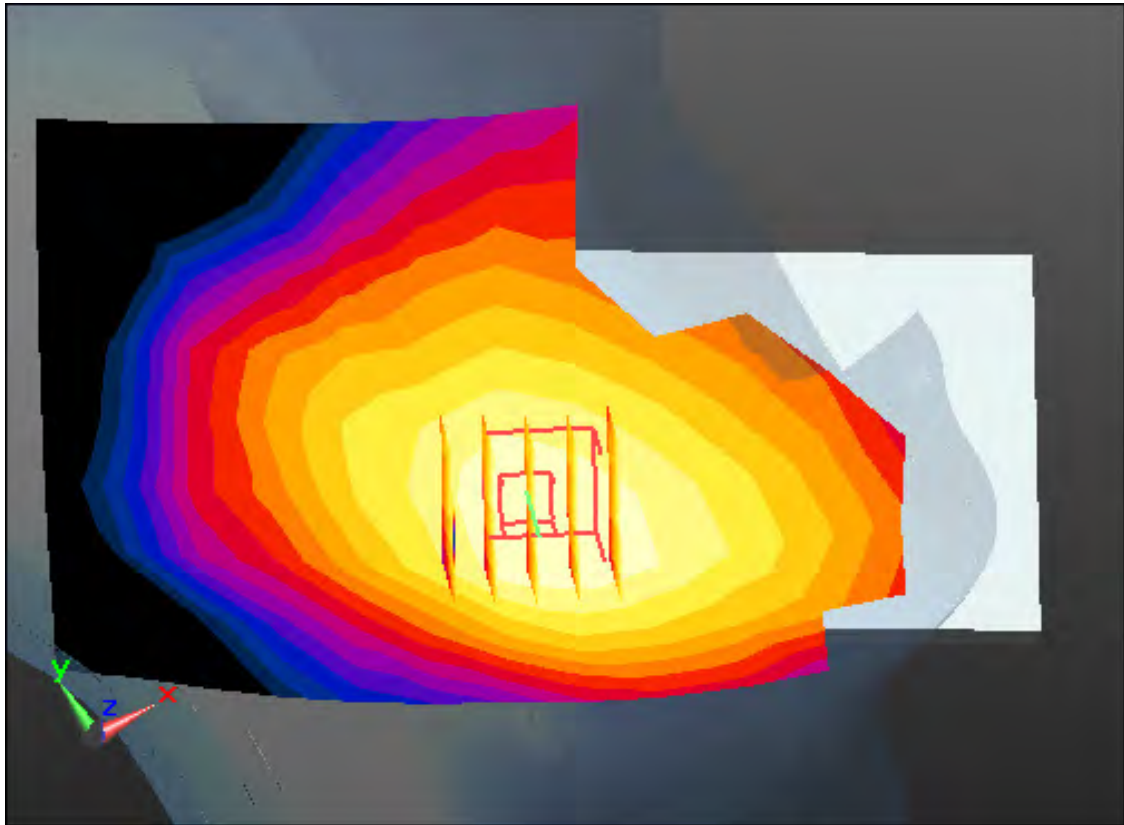
Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.152 W/kg



0 dB = 0.224 W/kg



Enlarged Plot for A2

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 40.339$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.53, 8.53, 8.53); Calibrated: 11/27/2019; 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: 2019-12-27; Ambient Temp: 21.1; Tissue Temp: 21.0

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

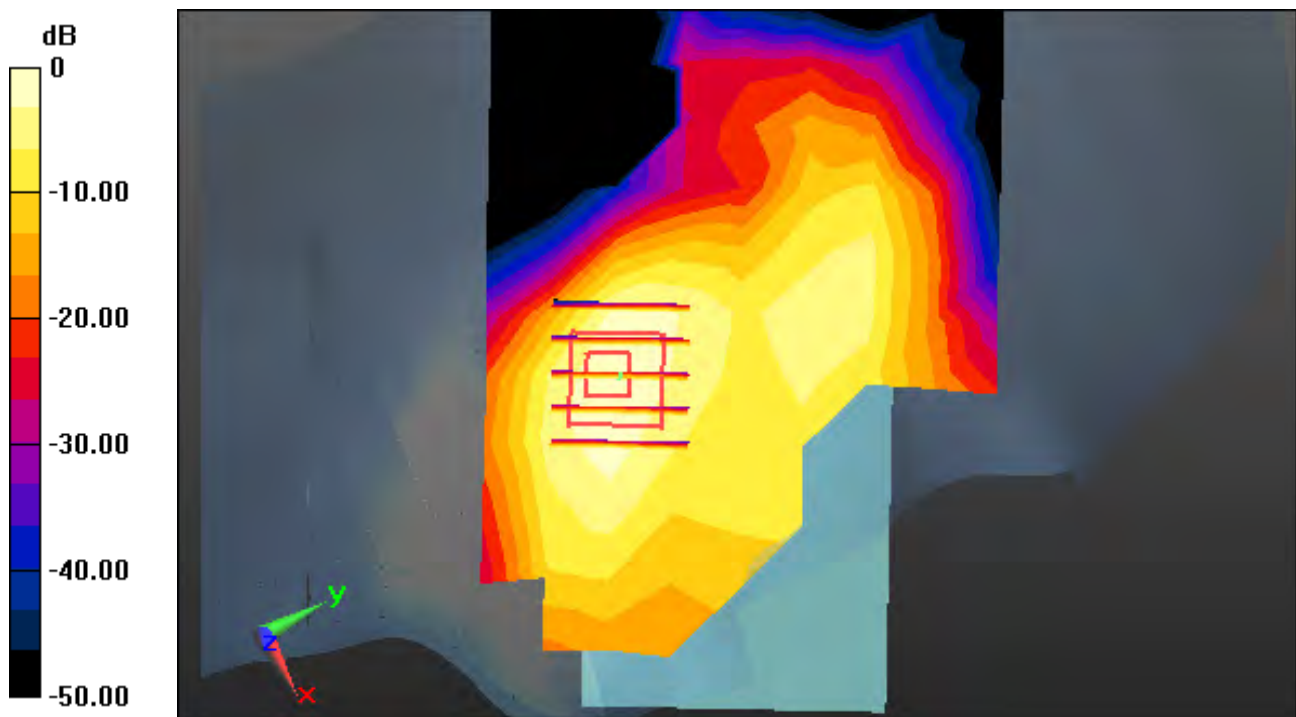
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

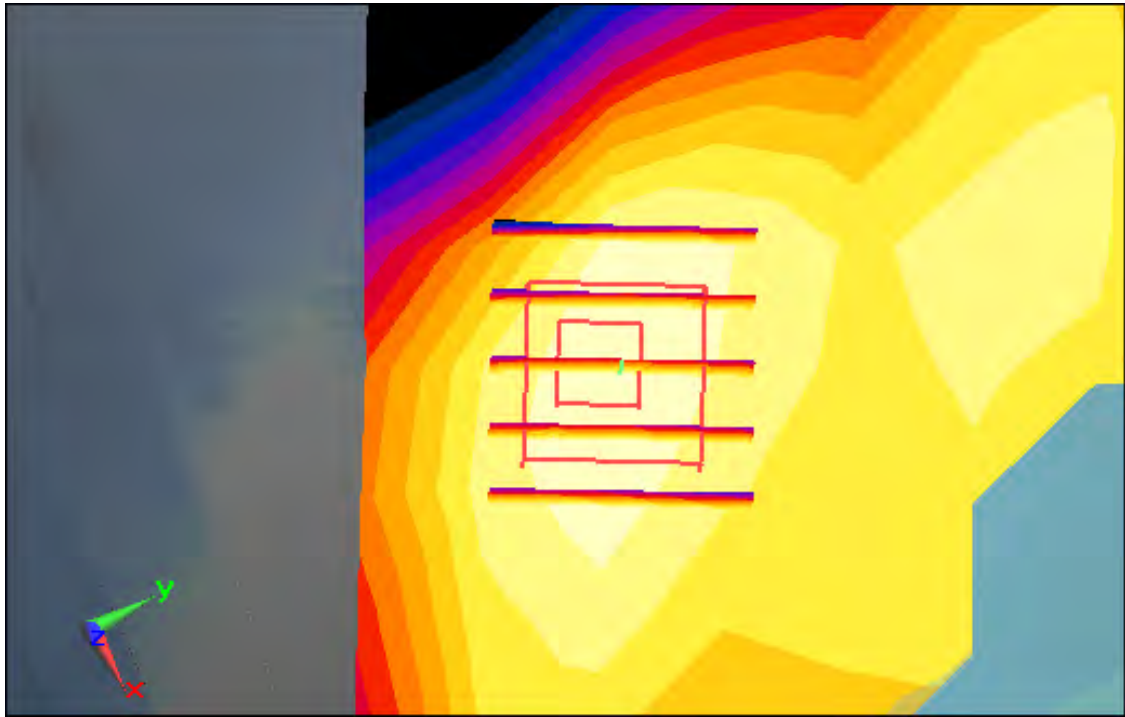
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.0428 W/kg



Enlarged Plot for A3

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar;

Communication System: UID 0, PCS1900_3 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 40.339$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.53, 8.53, 8.53); Calibrated: 11/27/2019 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 14.6.13 (7474)

Test Date: 2019-12-27; Ambient Temp: 21.1; Tissue Temp: 21.0

Left Touch, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal, Standard Battery

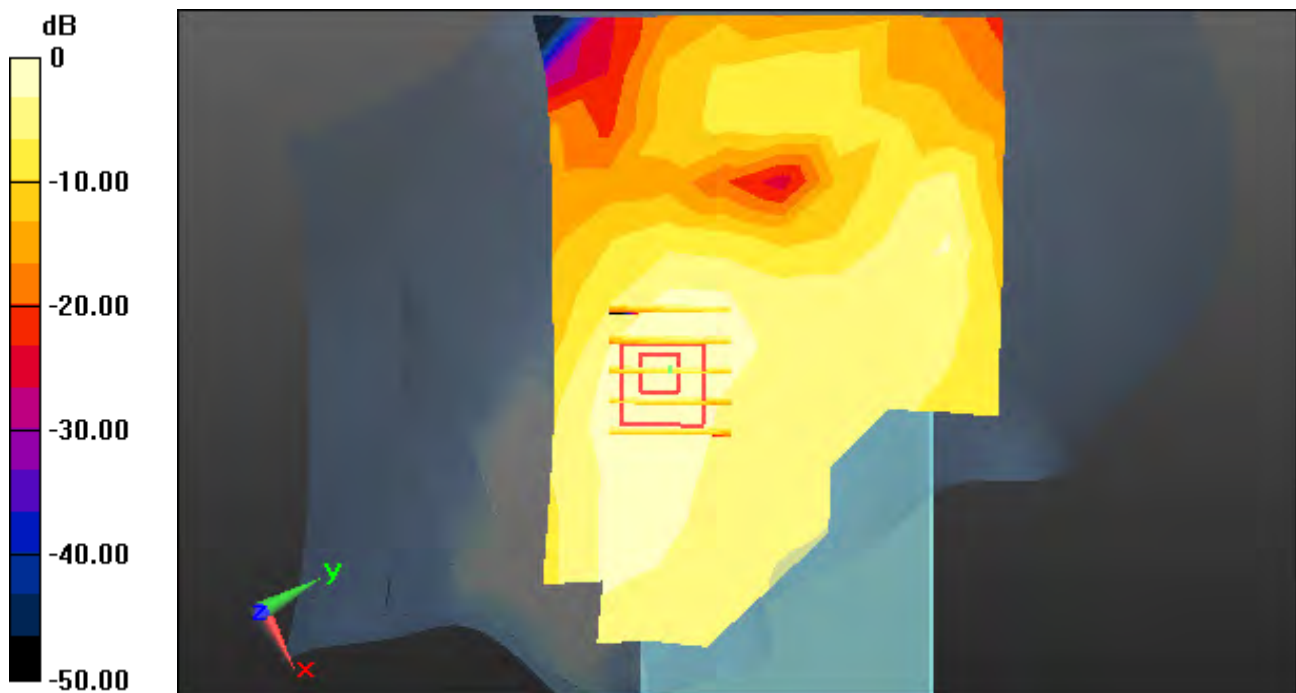
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0680 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.025 W/kg



0 dB = 0.0519 W/kg



Enlarged Plot for A4

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.388$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-27; Ambient Temp: 21.2; Tissue Temp: 21.3

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

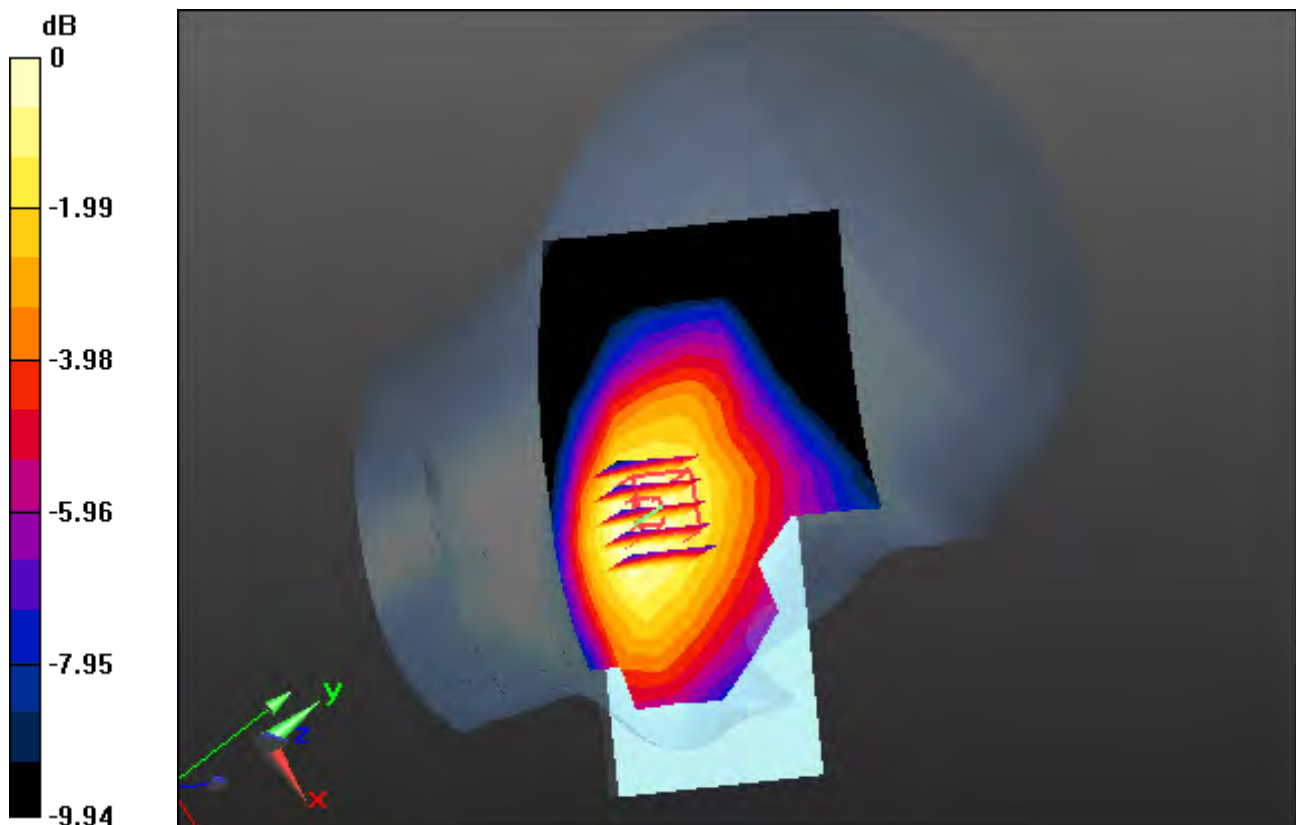
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

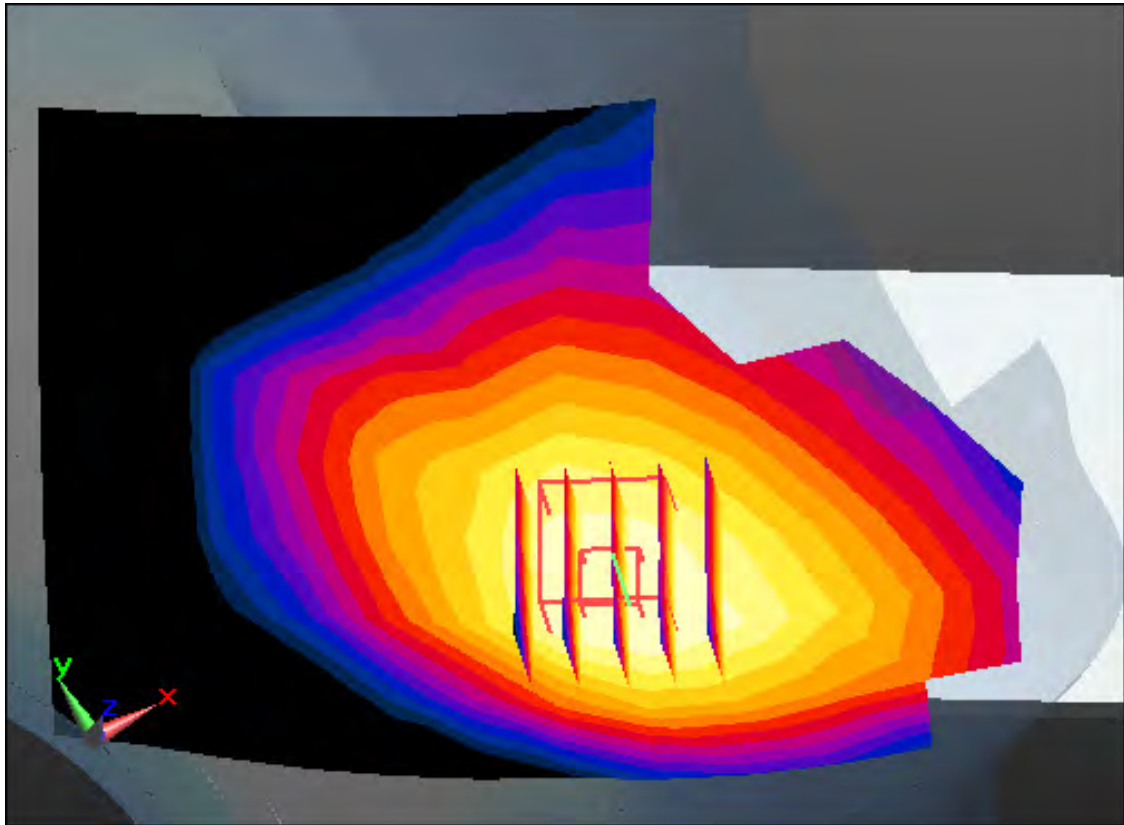
Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.217 W/kg



0 dB = 0.325 W/kg



Enlarged Plot for A5

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar;

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.383 \text{ S/m}$; $\epsilon_r = 40.339$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.53, 8.53, 8.53); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-12-27; Ambient Temp: 21.1; Tissue Temp: 21.0

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

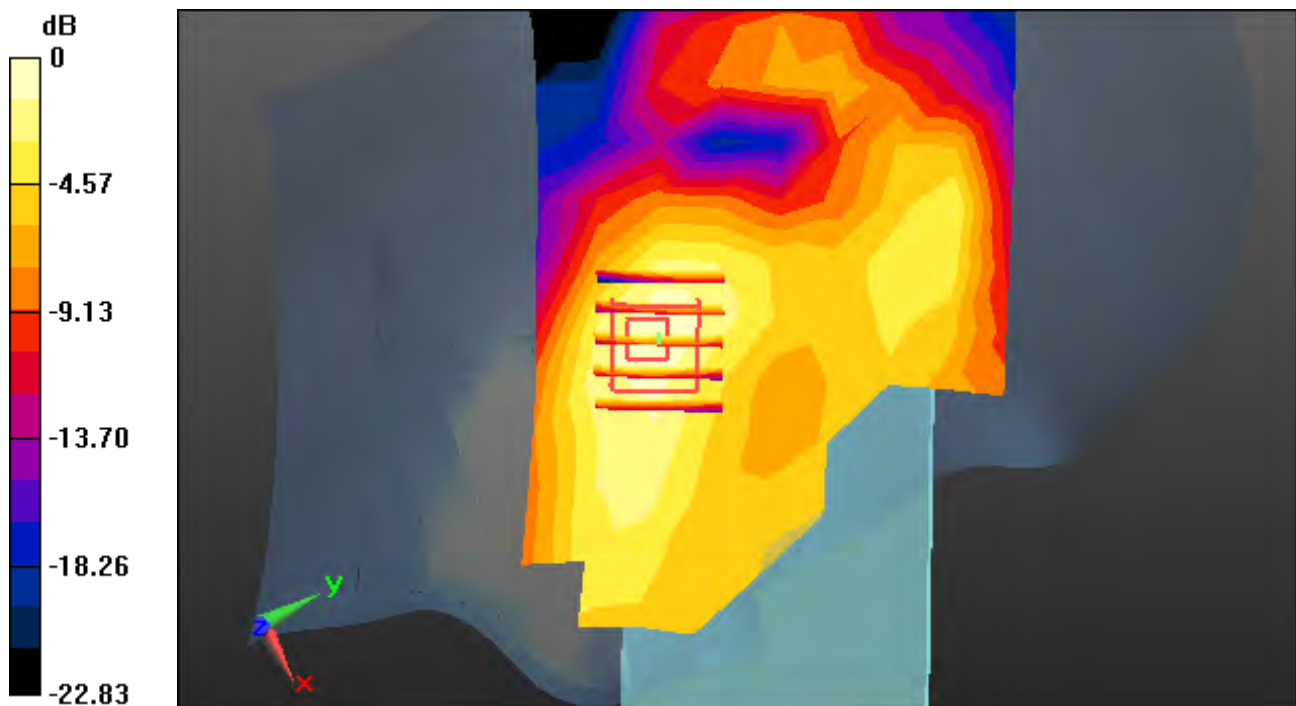
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

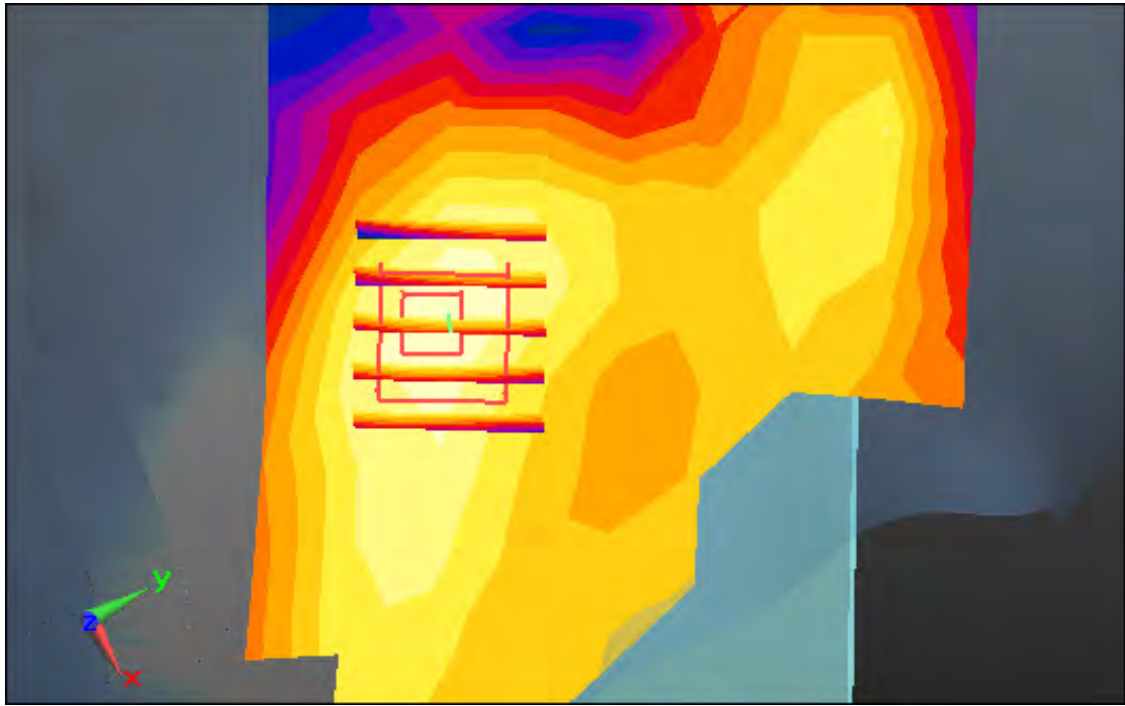
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.0967 W/kg



Enlarged Plot for A6

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.857 \text{ S/m}$; $\epsilon_r = 41.168$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.68, 10.68, 10.68); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-31; Ambient Temp: 21.2; Tissue Temp: 21.8

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

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

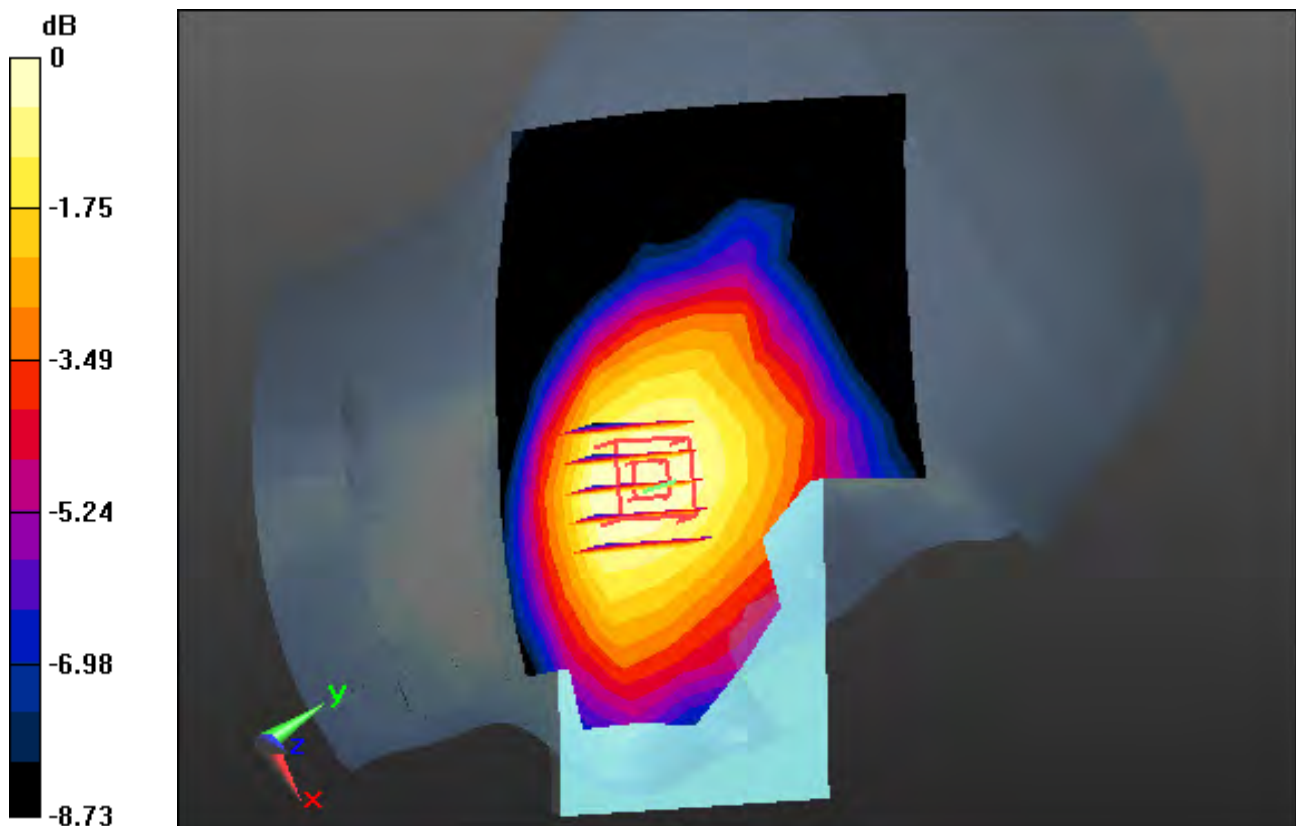
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

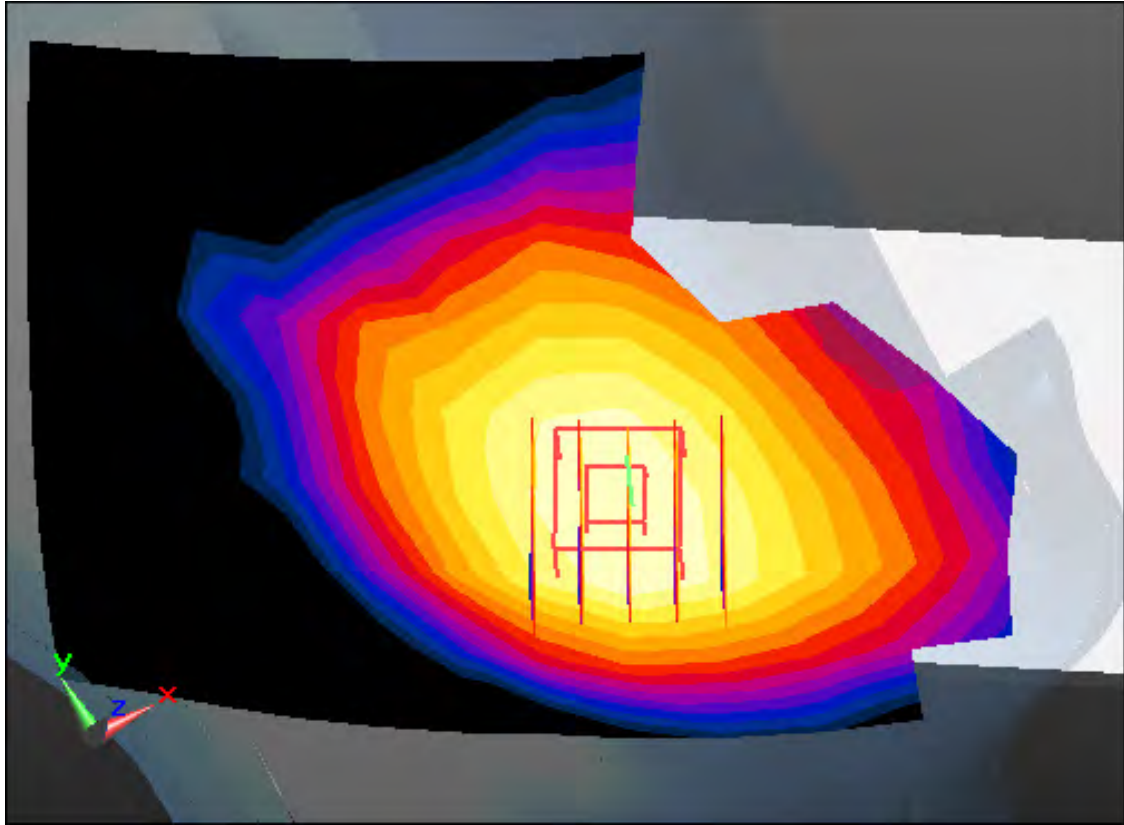
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.080 W/kg



0 dB = 0.109 W/kg



Enlarged Plot for A7

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.386$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.32, 10.32, 10.32); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-27; Ambient Temp: 21.2; Tissue Temp: 21.3

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

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

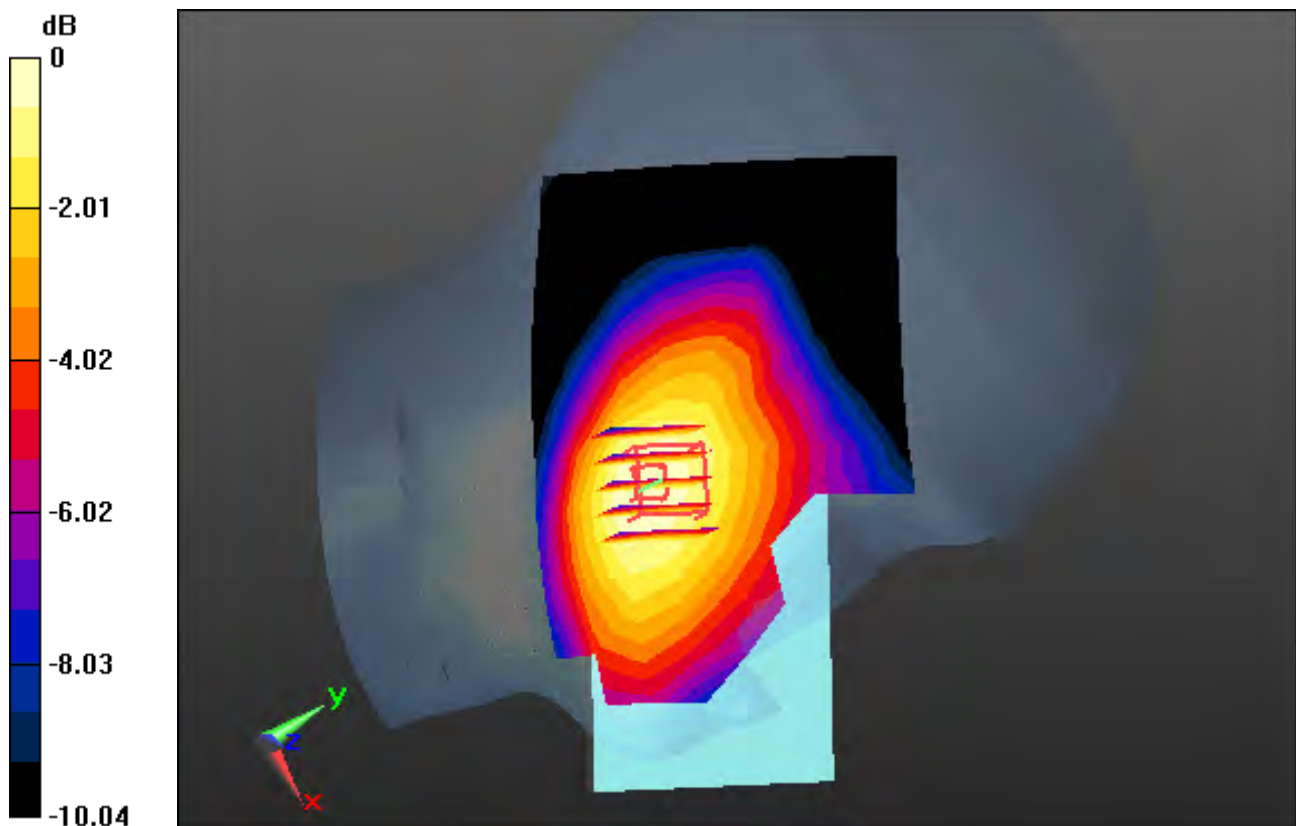
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

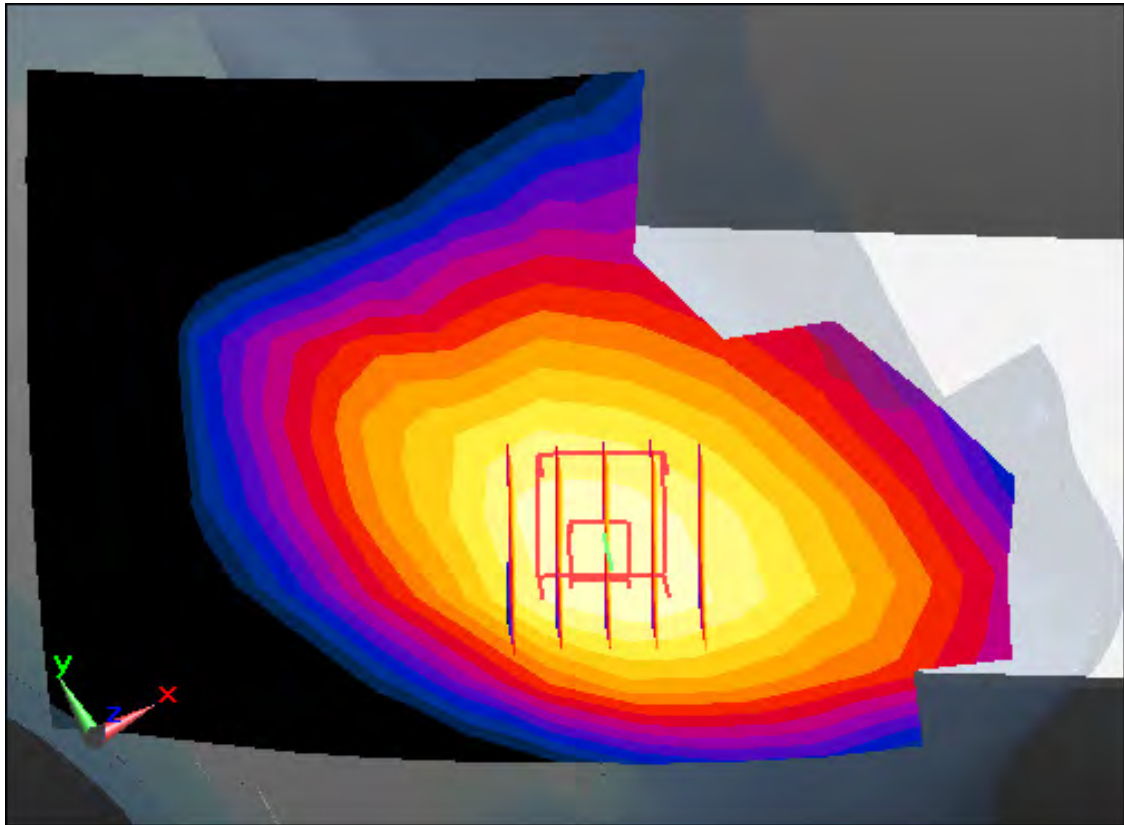
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 0.302 W/kg



Enlarged Plot for A8

DT&C Co., Ltd.

DUT: LM-V600EA; 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; $\sigma = 1.312$ S/m; $\epsilon_r = 40.976$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.84, 8.84, 8.84); Calibrated: 11/27/2019; 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: 2019-12-31; Ambient Temp: 21.0; Tissue Temp: 20.8

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

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

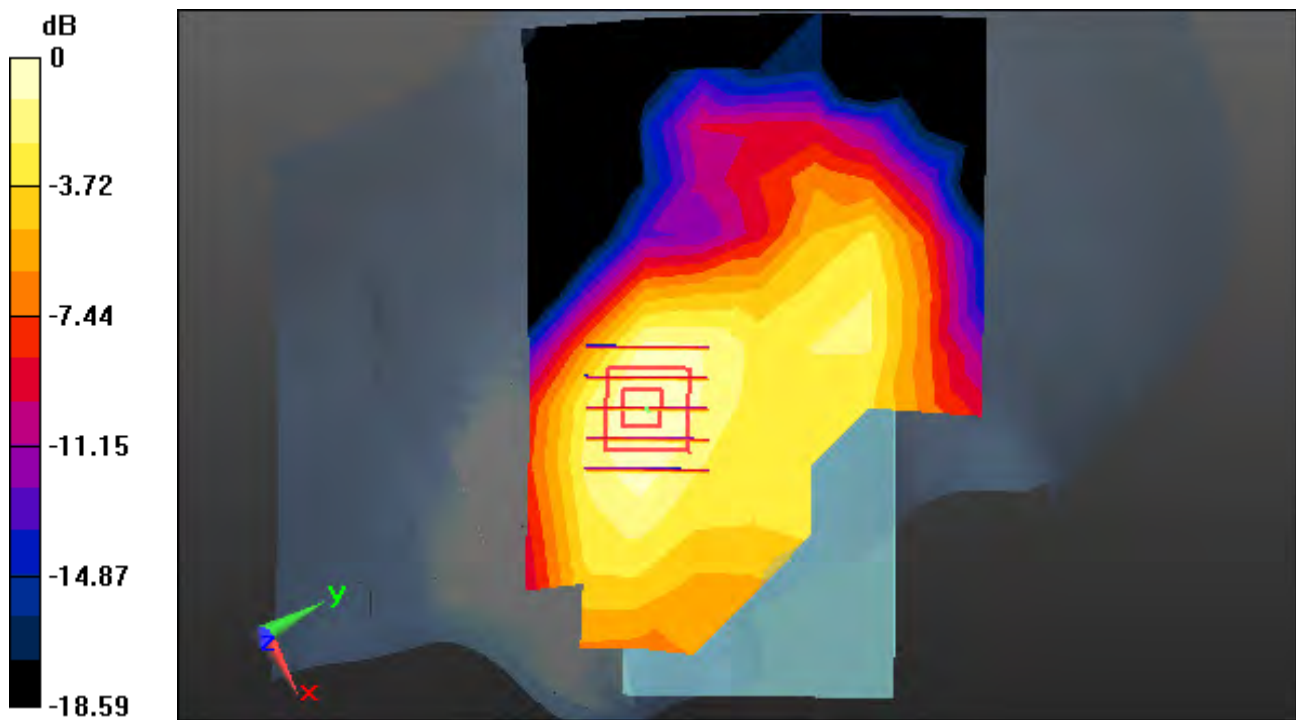
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

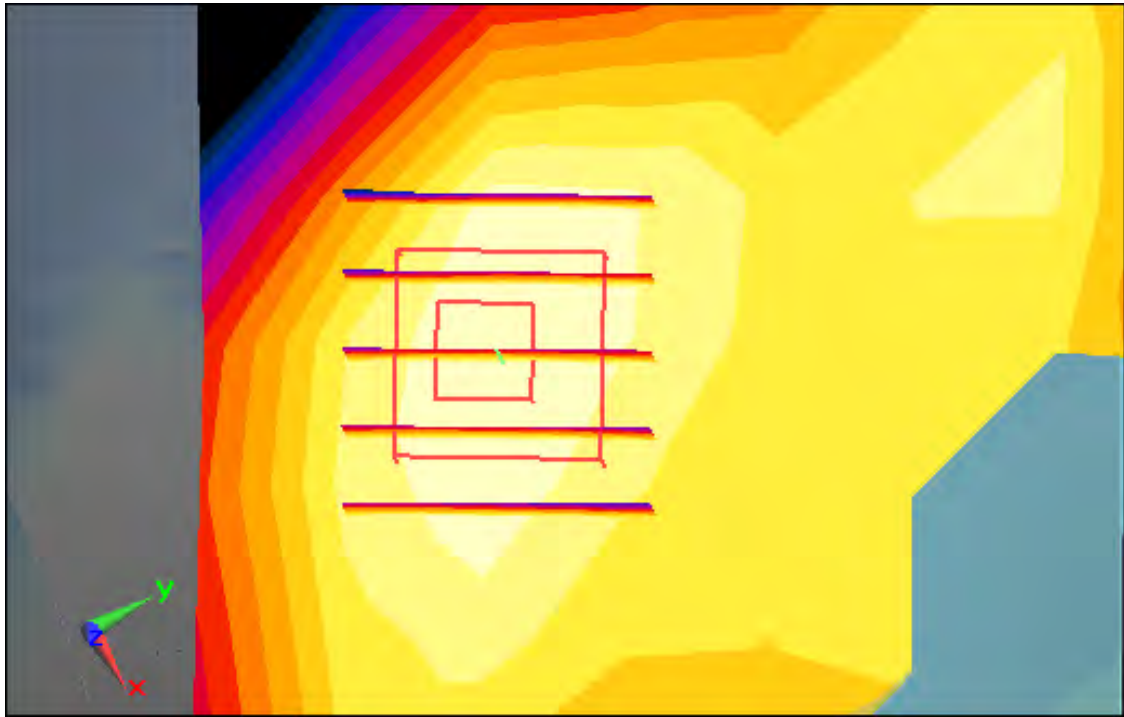
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.028 W/kg



0 dB = 0.0211 W/kg



Enlarged Plot for A9

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.383 \text{ S/m}$; $\epsilon_r = 40.339$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.53, 8.53, 8.53); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-12-27; Ambient Temp: 21.1; Tissue Temp: 21.0

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

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

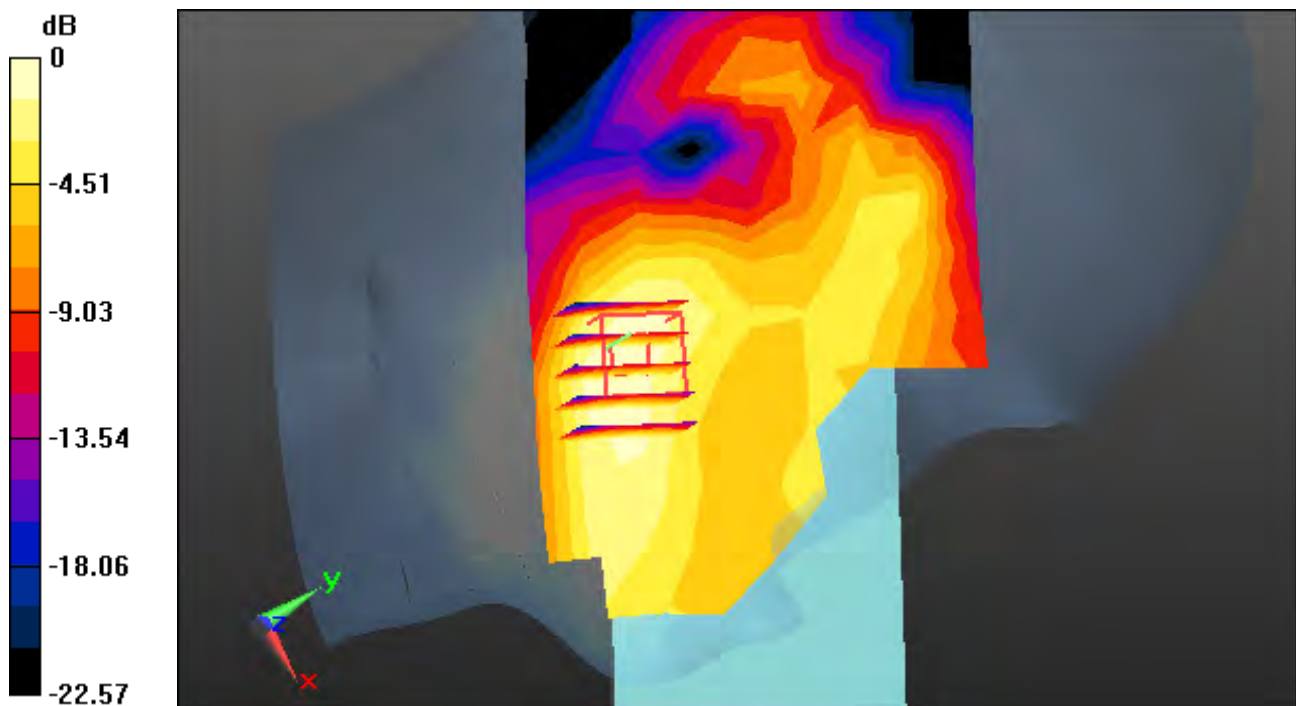
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

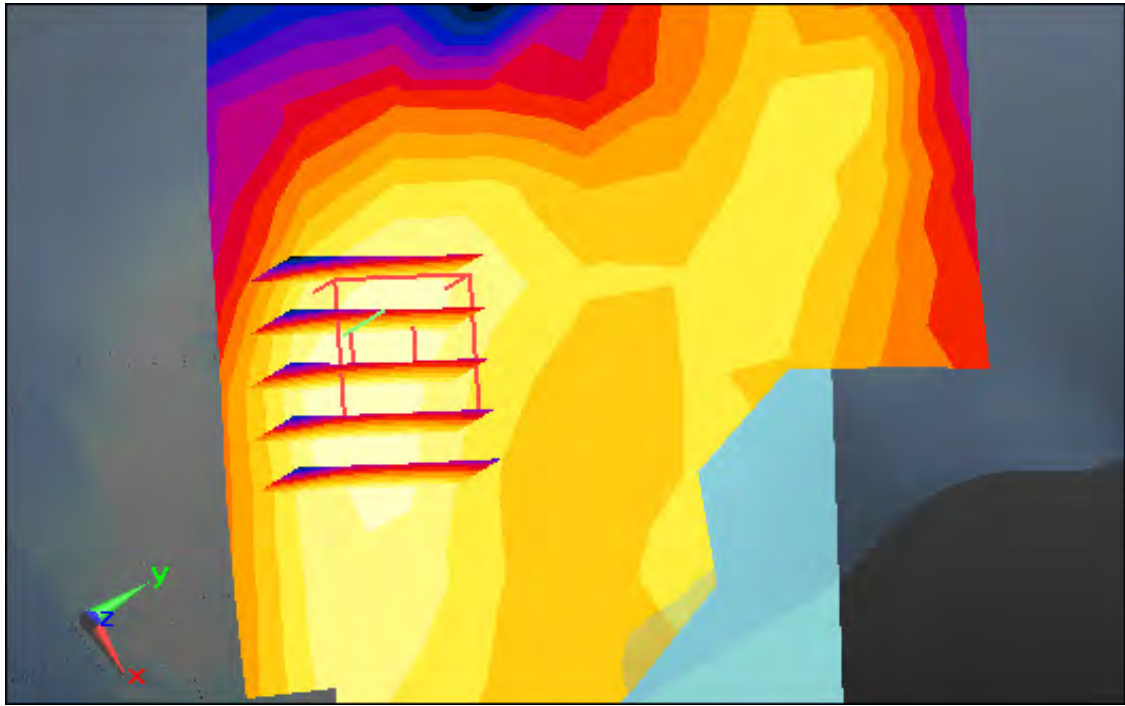
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.0923 W/kg



Enlarged Plot for A10

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.865 \text{ S/m}$; $\epsilon_r = 40.321$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.84, 7.84, 7.84); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-03; Ambient Temp: 21.3; Tissue Temp: 21.6

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

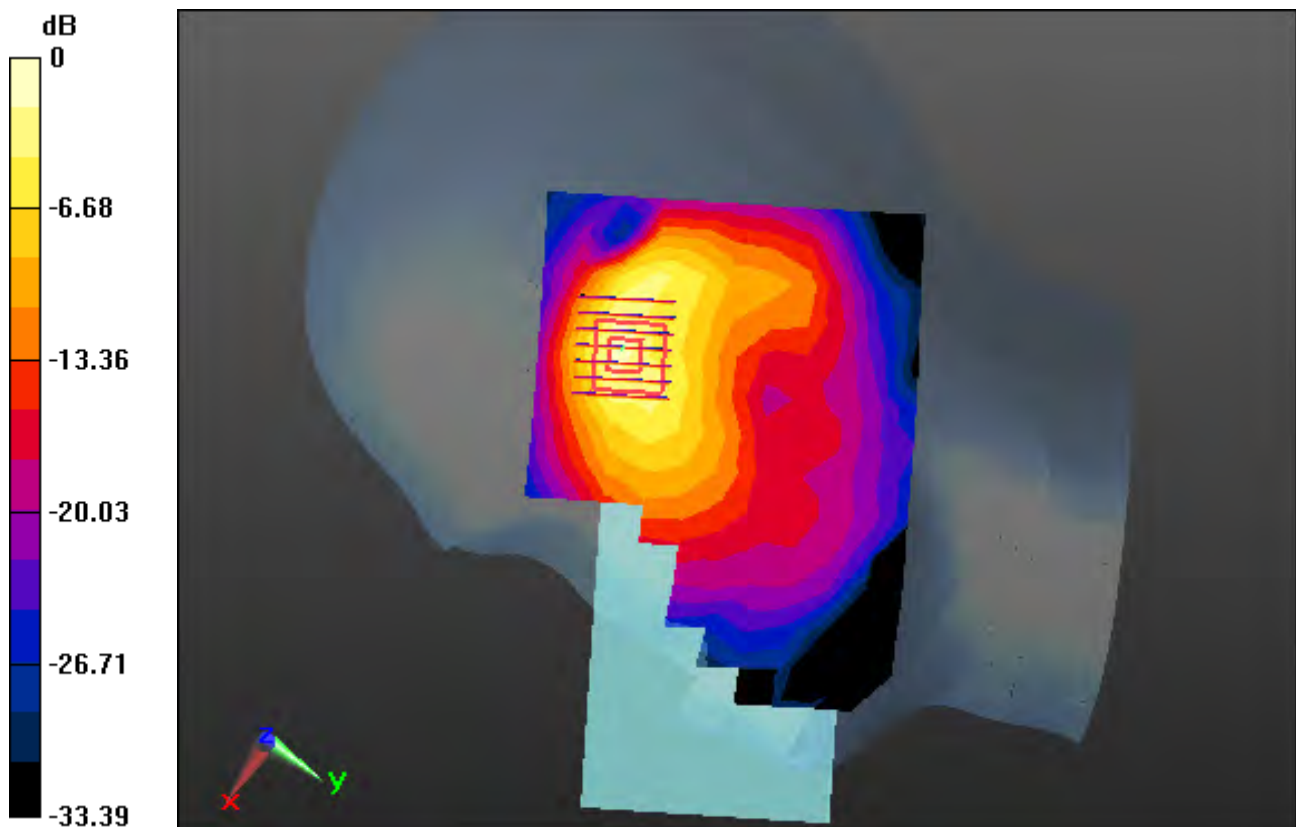
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

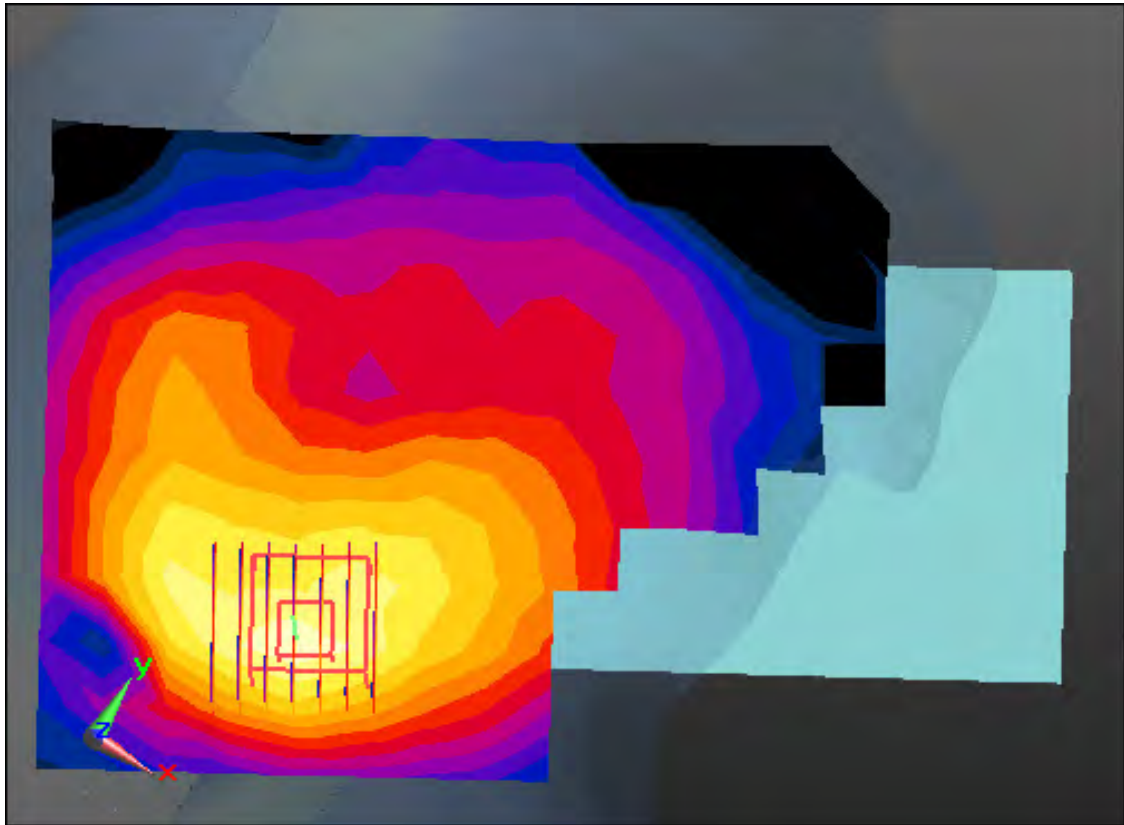
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.189 W/kg



0 dB = 0.814 W/kg



Enlarged Plot for A11

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.865 \text{ S/m}$; $\epsilon_r = 40.321$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.84, 7.84, 7.84); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-03; Ambient Temp: 21.3; Tissue Temp: 21.6

Right Tilt, WLAN(802.11b) Ch. 11, Ant Internal, Standard Battery, Ant.2

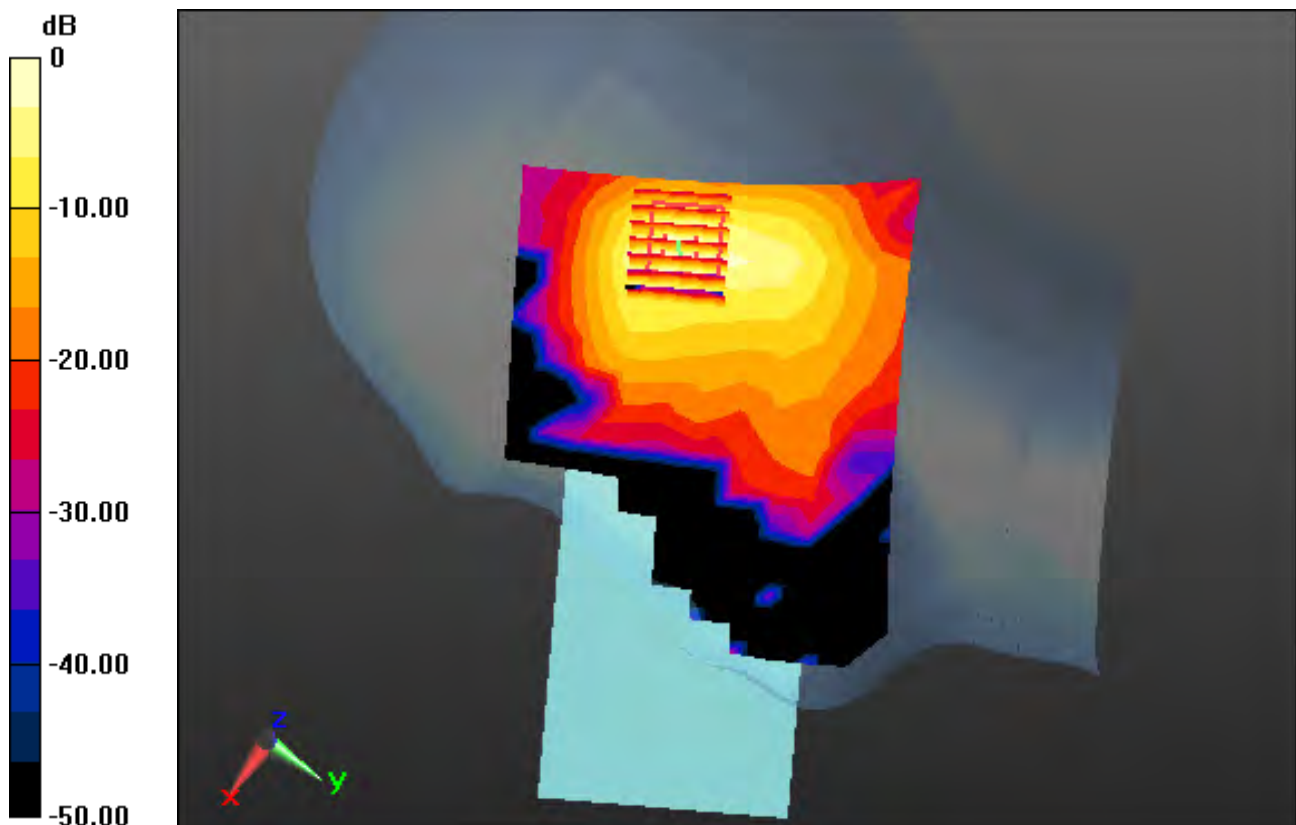
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

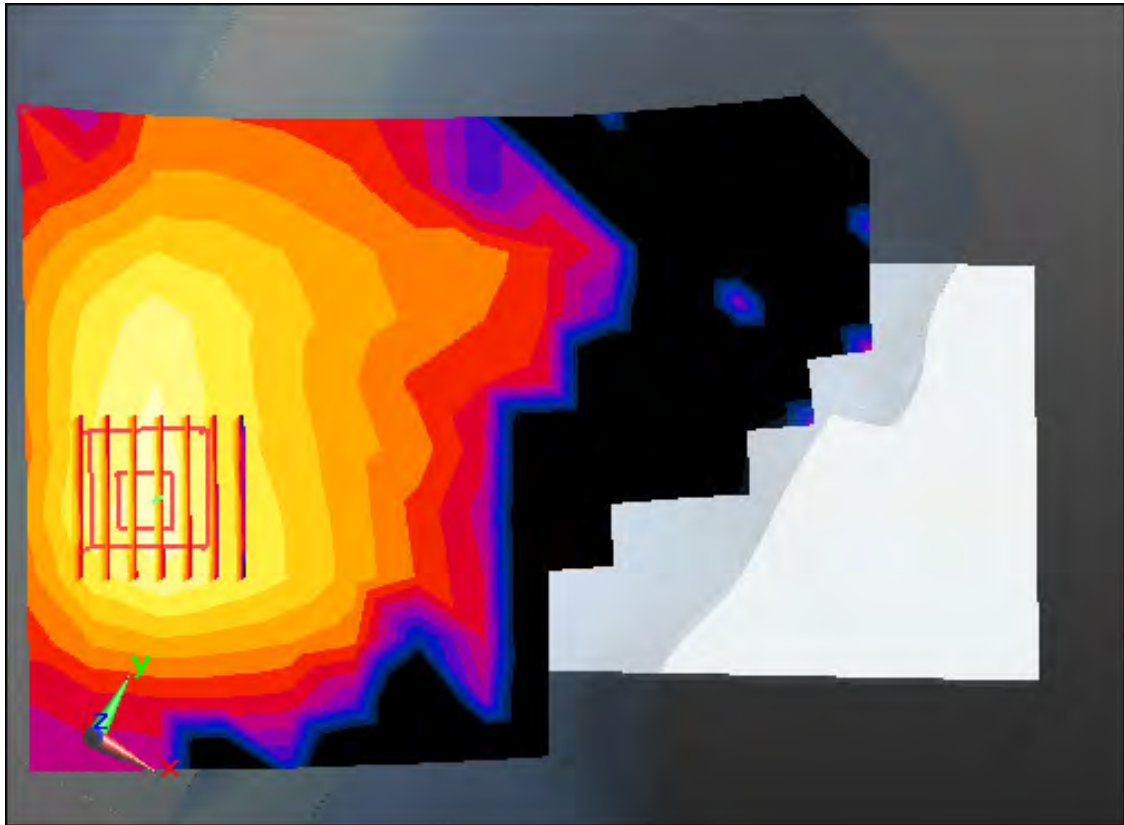
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.091 W/kg



0 dB = 0.400 W/kg



Enlarged Plot for A12

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.837 \text{ S/m}$; $\epsilon_r = 40.392$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.84, 7.84, 7.84); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-03; Ambient Temp: 21.3; Tissue Temp: 21.6

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

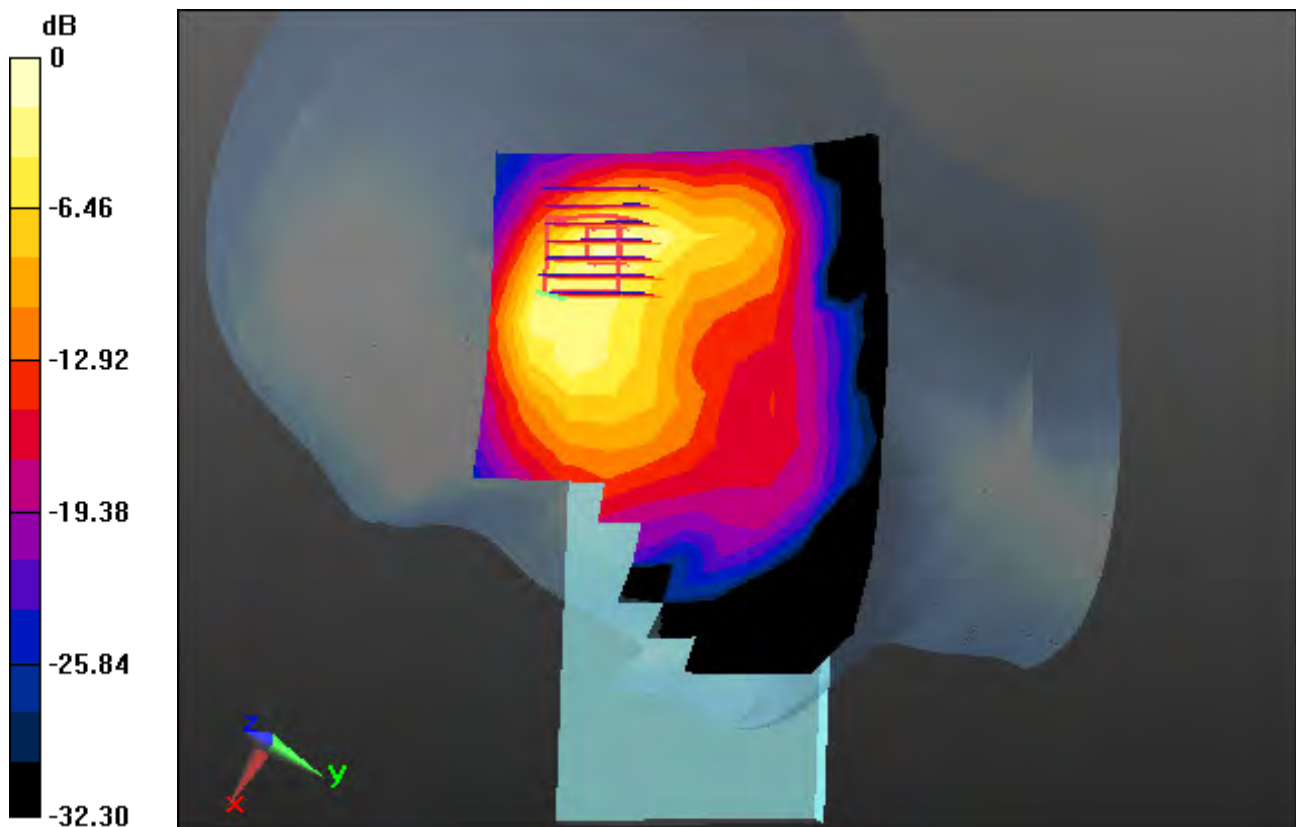
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

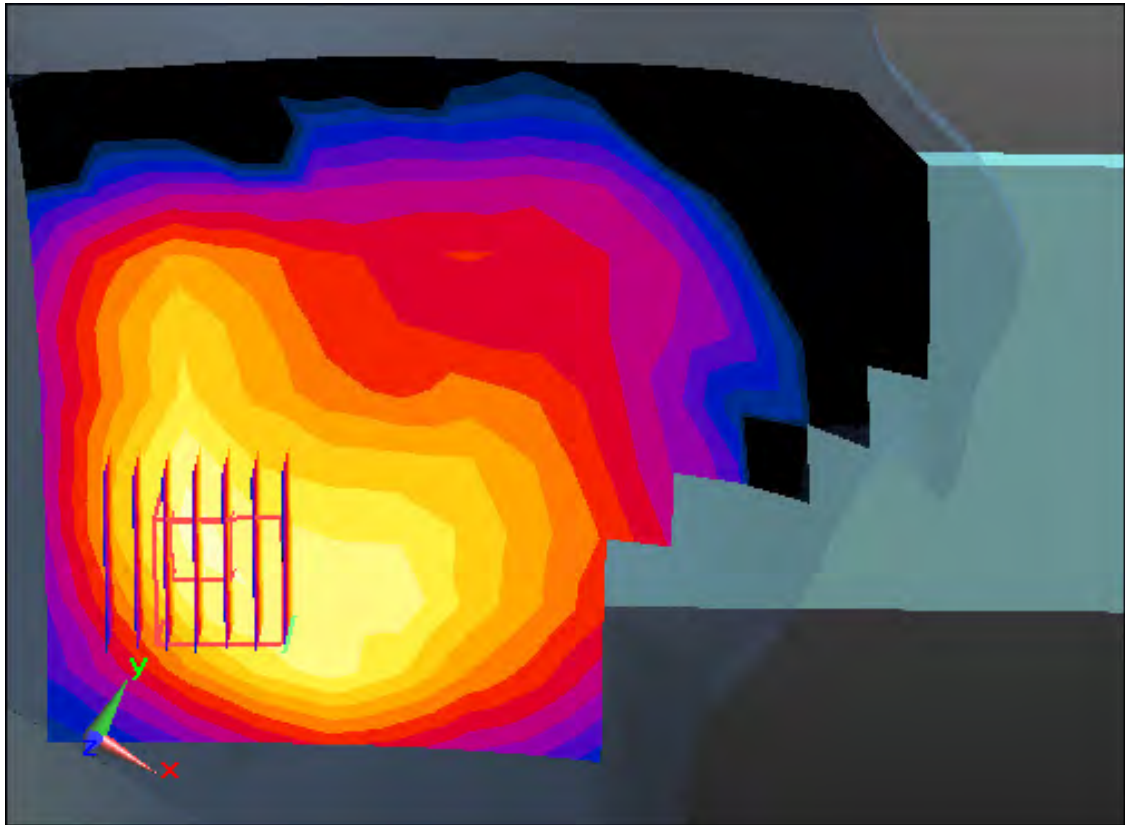
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.211 W/kg



0 dB = 0.985 W/kg



Enlarged Plot for A13

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5280 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.85 \text{ S/m}$; $\epsilon_r = 35.074$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.61, 5.61, 5.61); Calibrated: 11/27/2019 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-08; Ambient Temp: 20.4; Tissue Temp: 20.6

Right Touch, WLAN(802.11a) Ch. 56, Ant Internal, Standard Battery, Ant.1

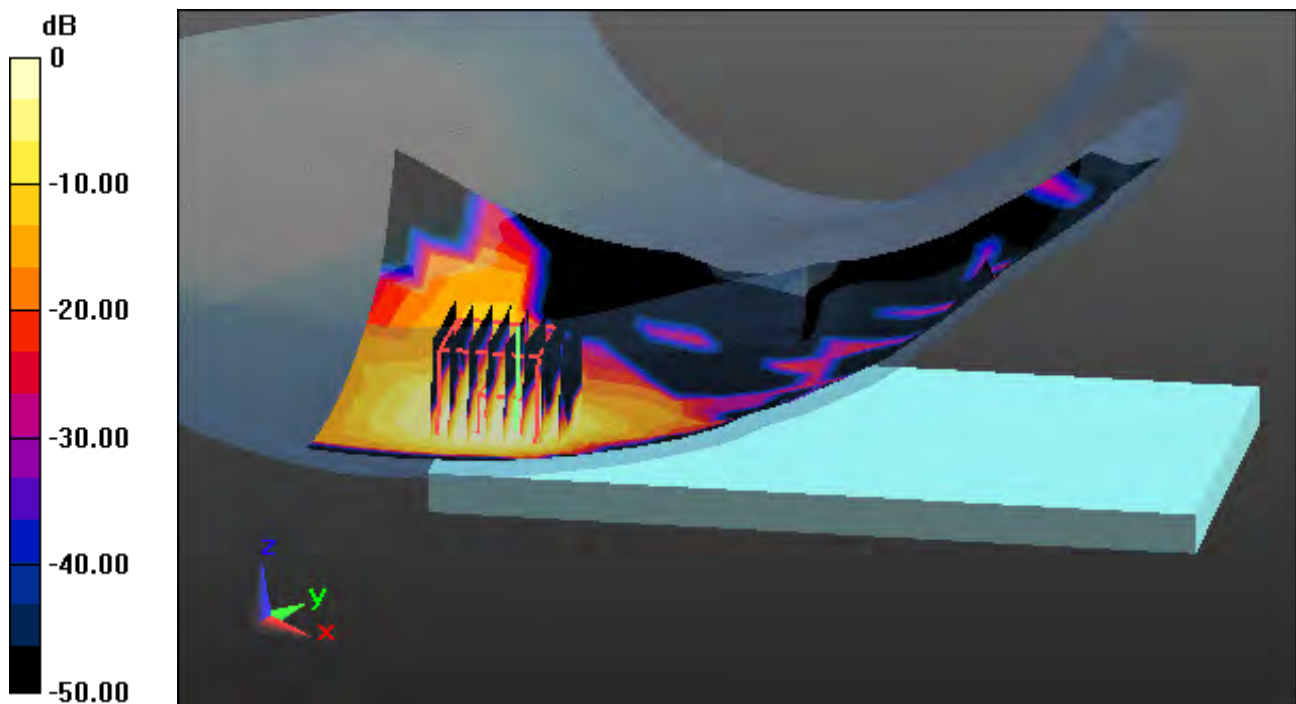
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

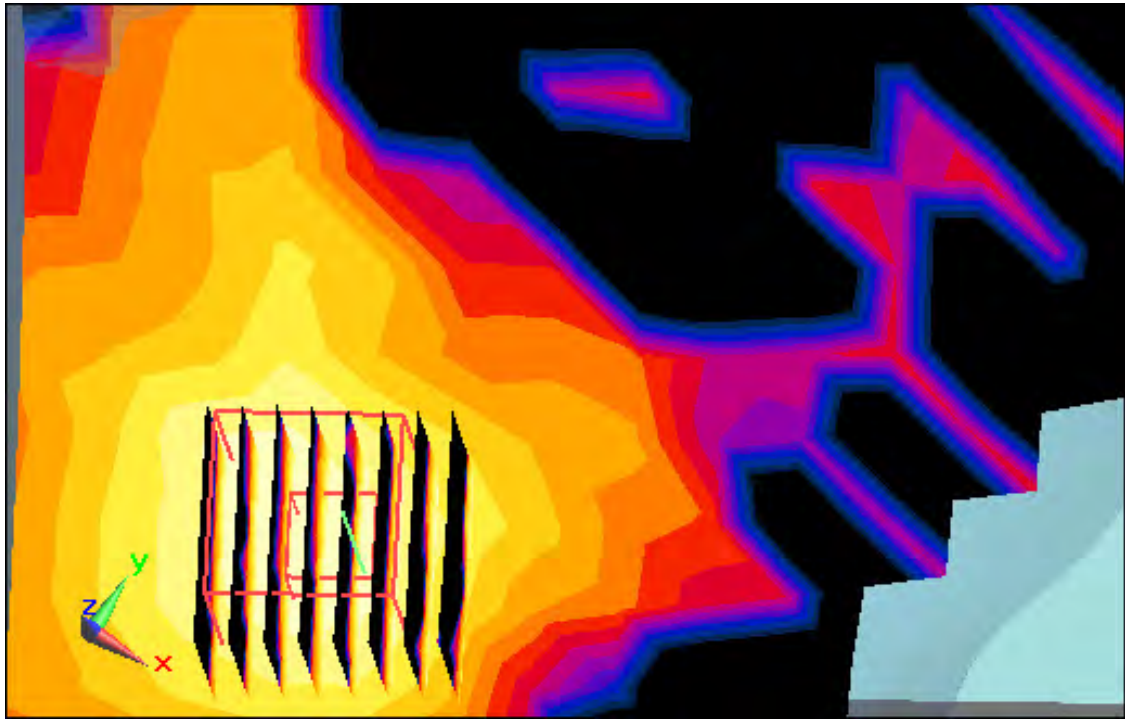
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.118 W/kg



0 dB = 0.316 W/kg



Enlarged Plot for A14

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.831 \text{ S/m}$; $\epsilon_r = 35.094$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.61, 5.61, 5.61); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-08; Ambient Temp: 20.4; Tissue Temp: 20.6

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

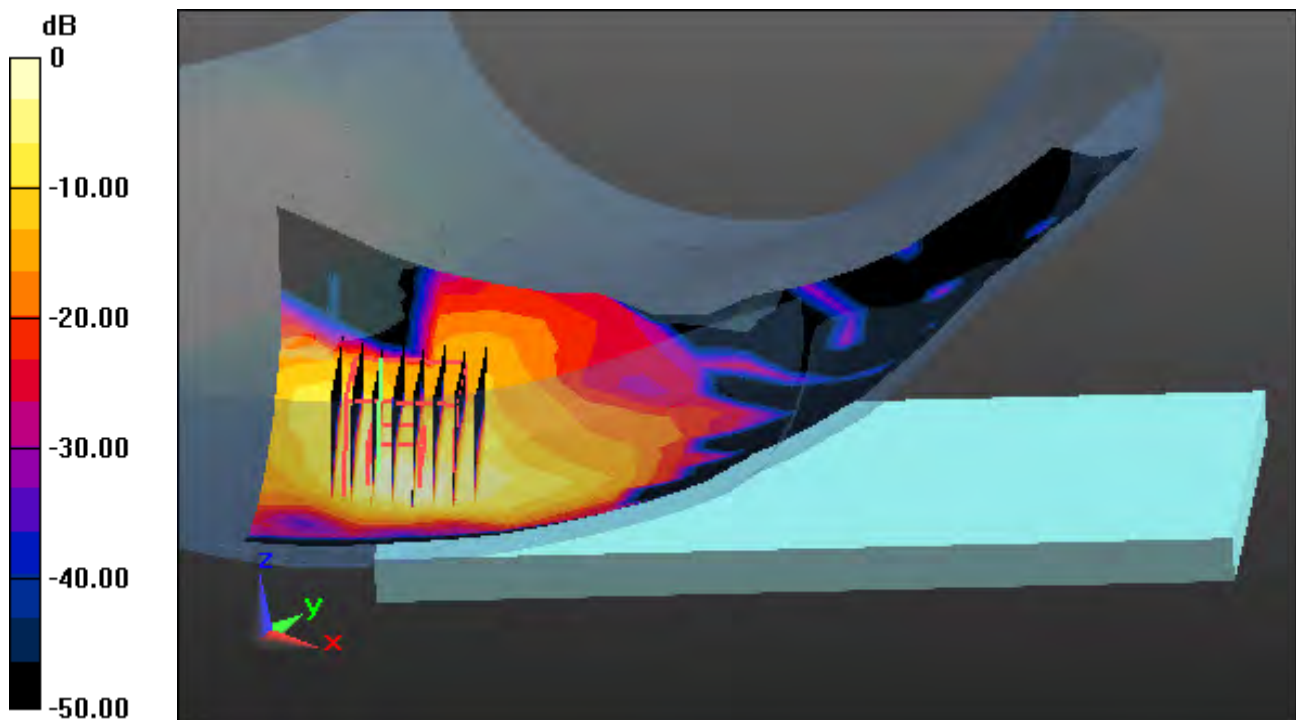
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

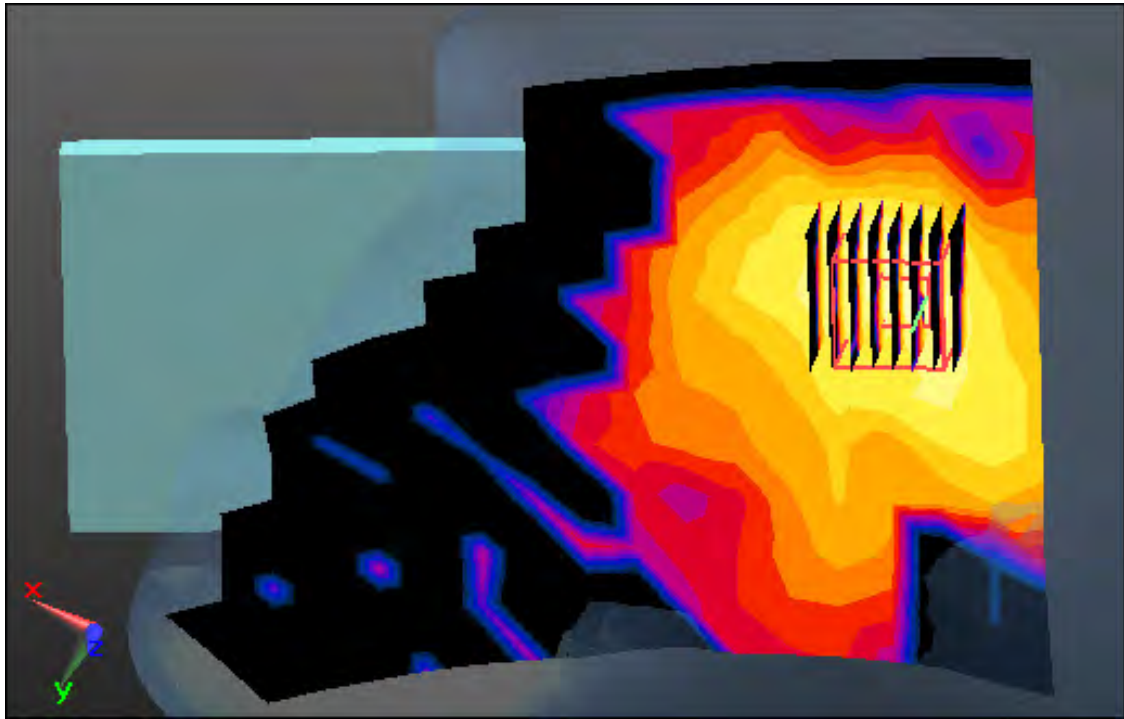
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 1.17 W/kg



Enlarged Plot for A15

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.831 \text{ S/m}$; $\epsilon_r = 35.094$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.61, 5.61, 5.61); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-08; Ambient Temp: 20.4; Tissue Temp: 20.6

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

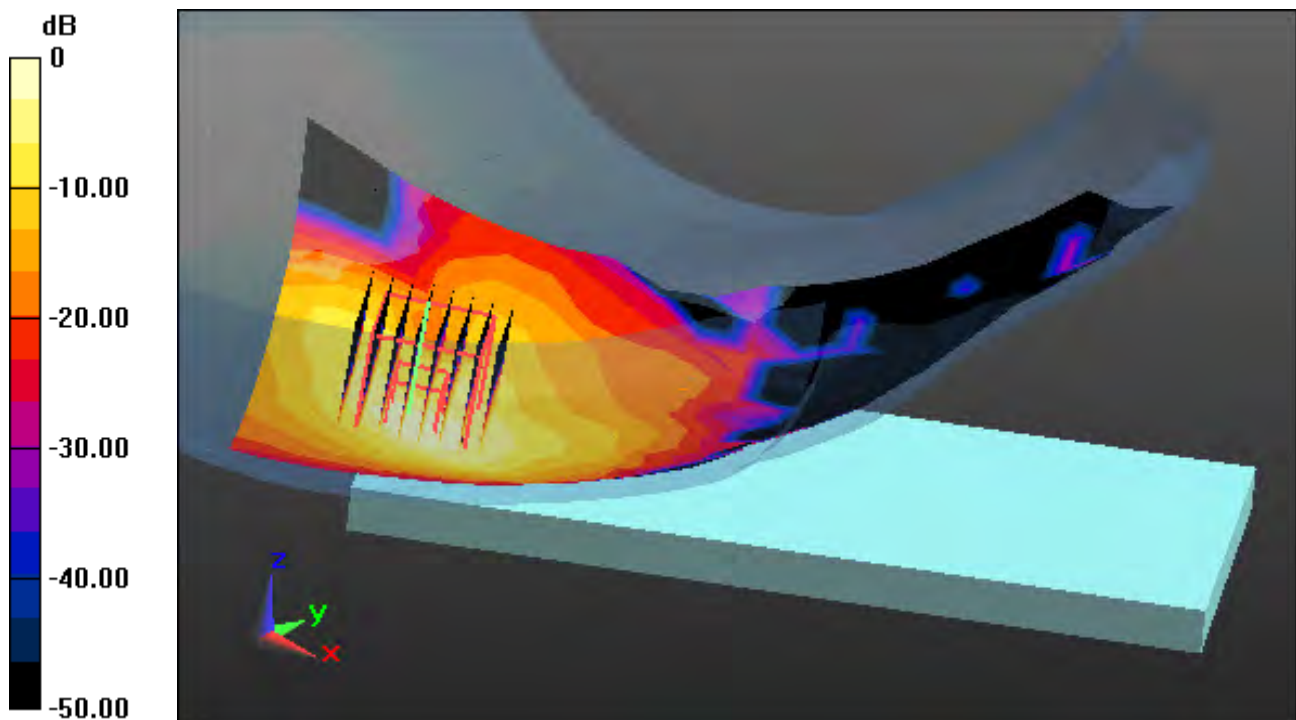
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

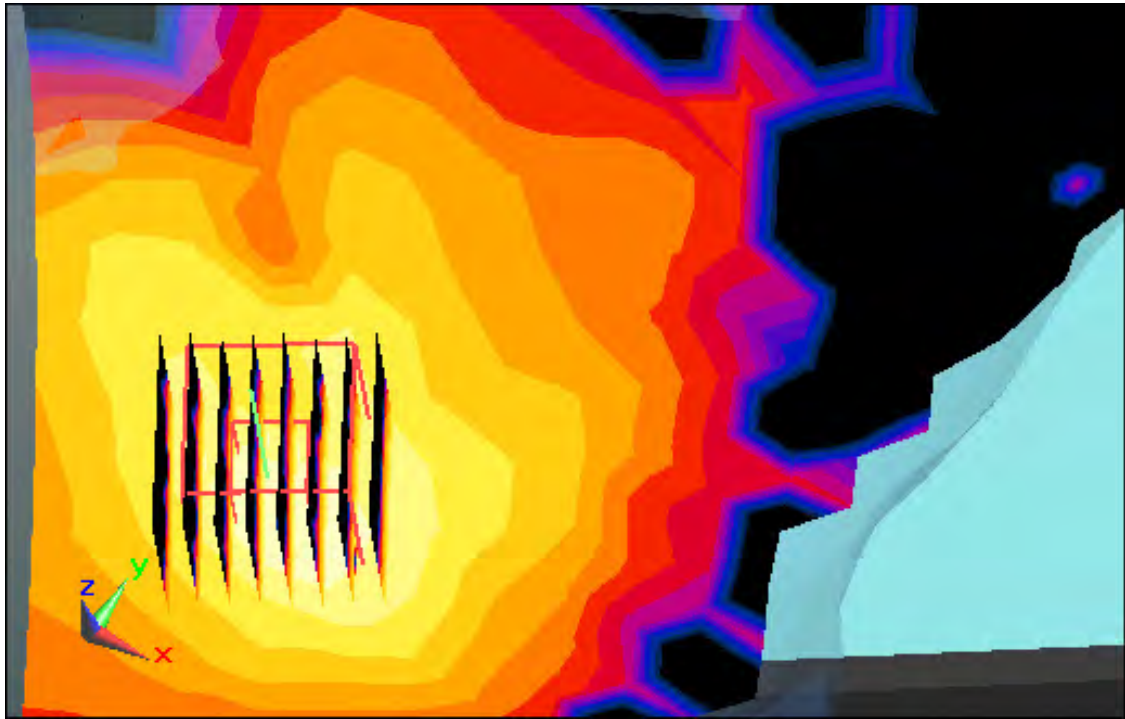
Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.184 W/kg



0 dB = 1.35 W/kg



Enlarged Plot for A16

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.368 \text{ S/m}$; $\epsilon_r = 34.19$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.17, 5.17, 5.17); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

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

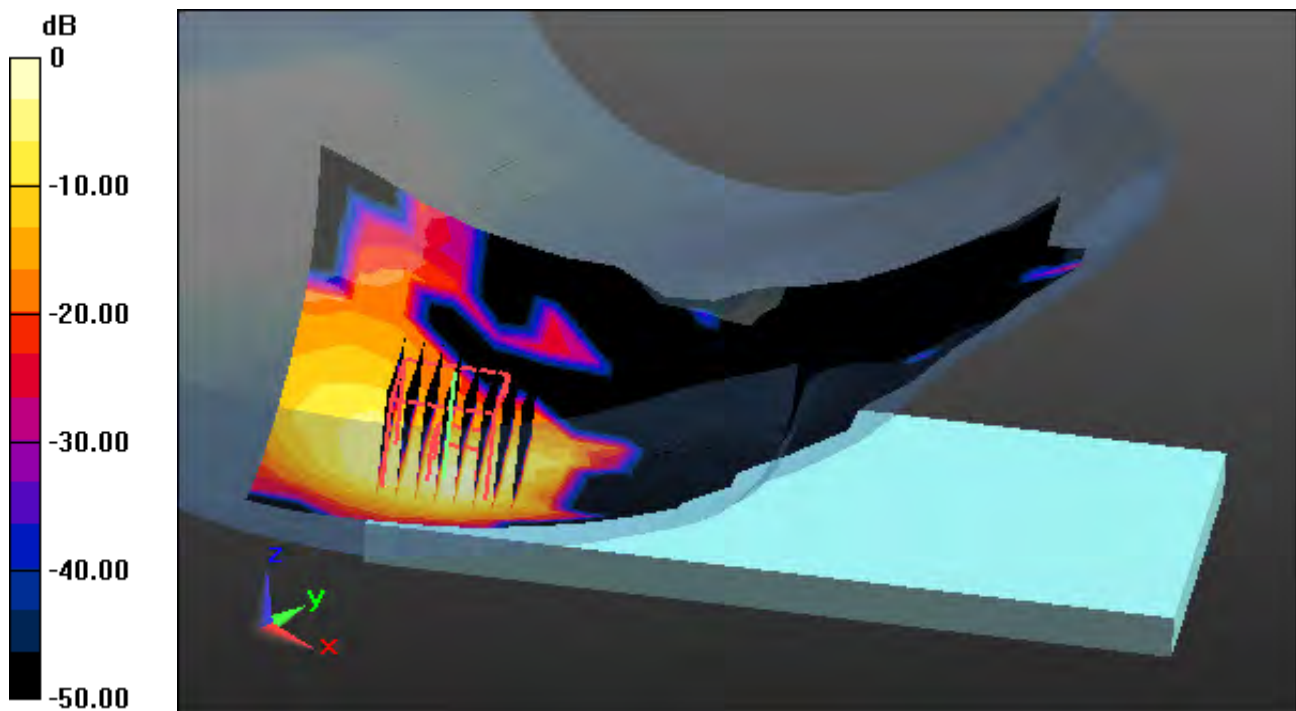
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

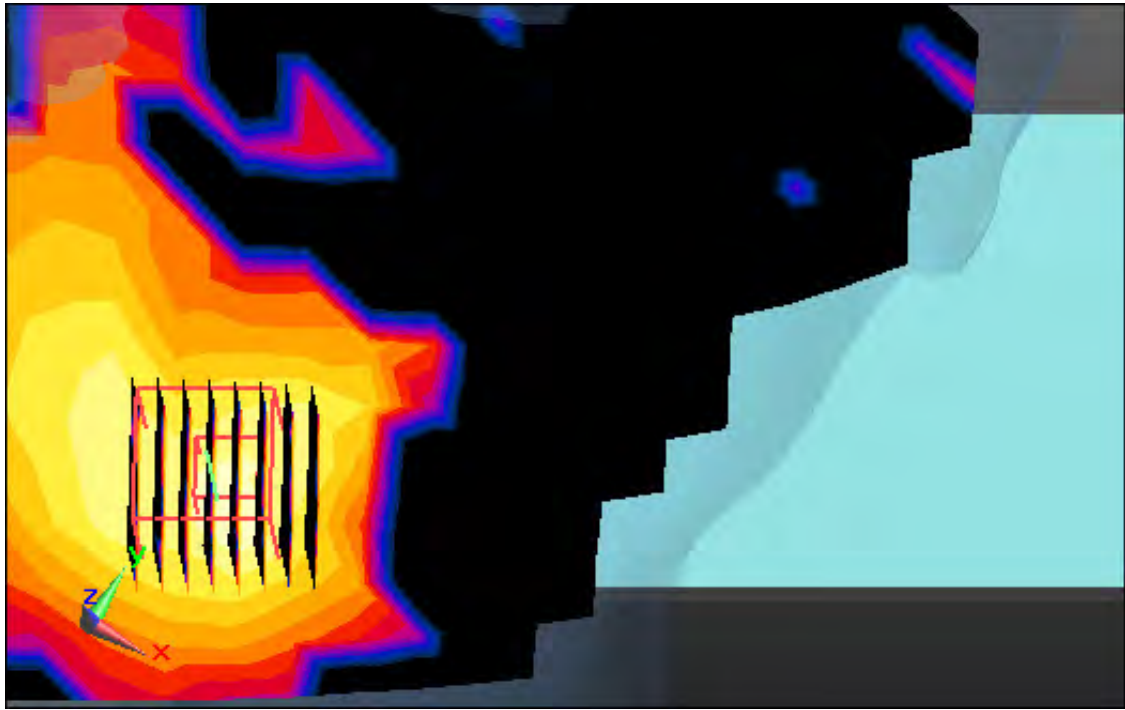
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.816 W/kg



Enlarged Plot for A17

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.238 \text{ S/m}$; $\epsilon_r = 34.383$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.94, 4.94, 4.94); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

Right Touch, WLAN(802.11a) Ch. 120, Ant Internal, Standard Battery, Ant.2

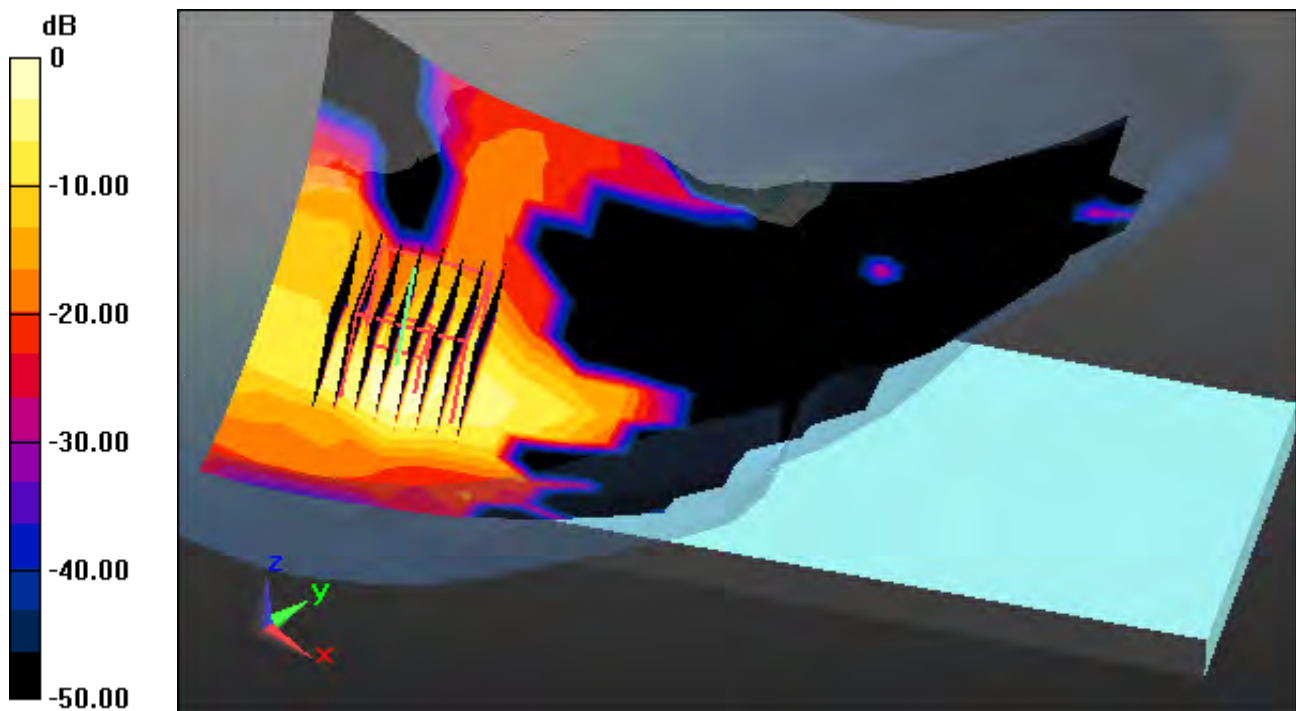
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

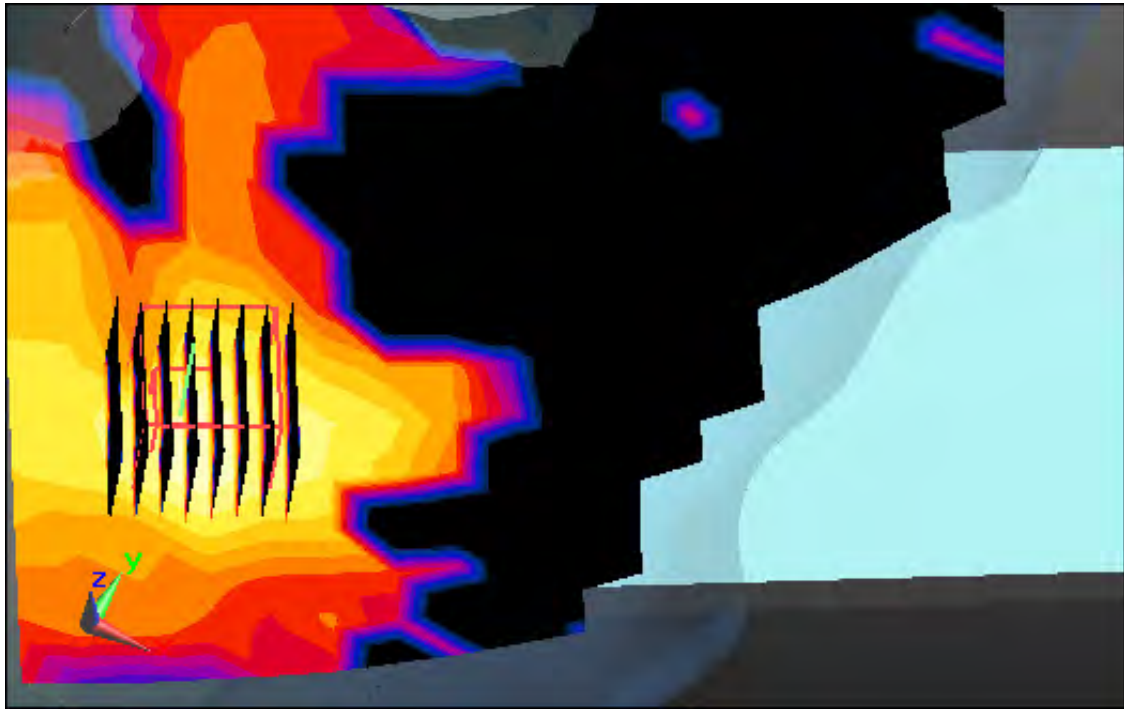
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.123 W/kg





Enlarged Plot for A18

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.238$ S/m; $\epsilon_r = 34.383$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.94, 4.94, 4.94); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

Right Touch, WLAN(802.11a) Ch. 120, Ant Internal, Standard Battery, MIMO

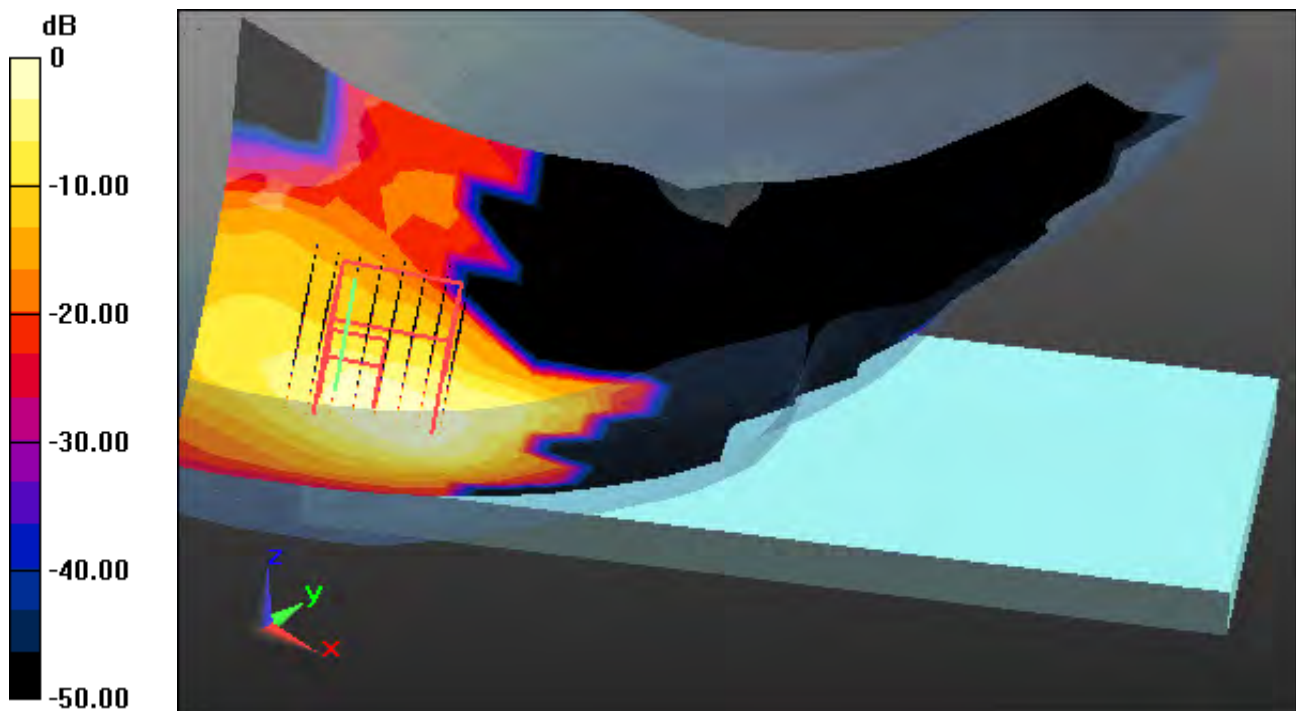
Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm

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

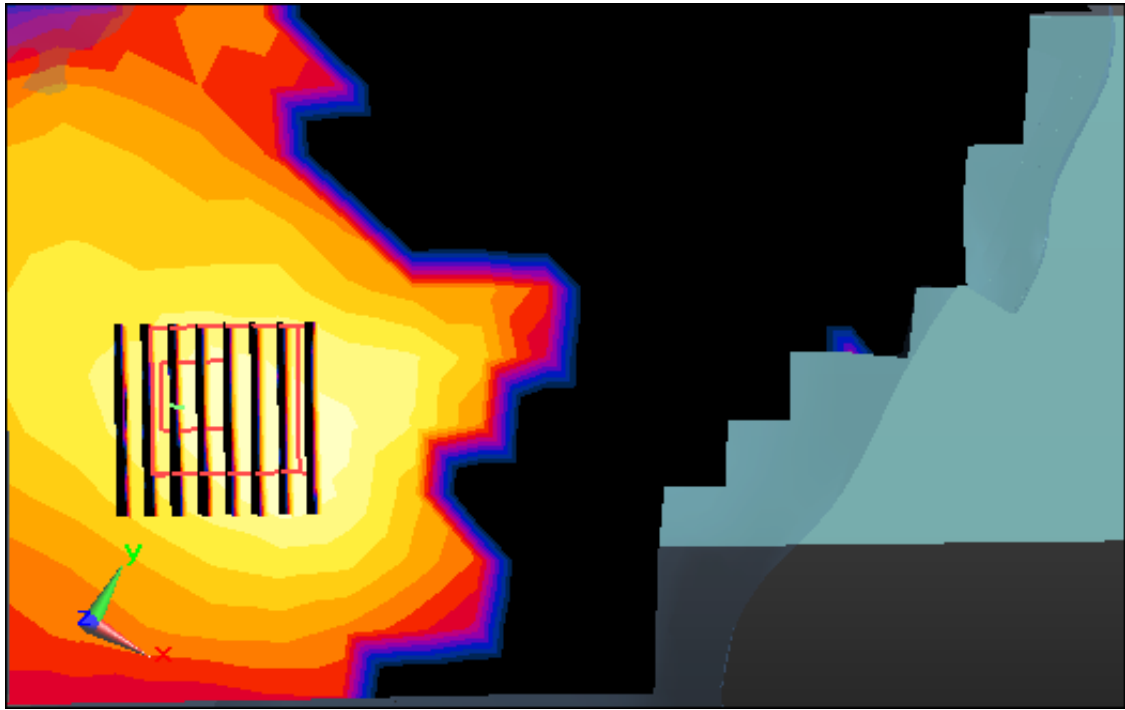
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.169 W/kg



0 dB = 1.16 W/kg



Enlarged Plot for A19

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.445 \text{ S/m}$; $\epsilon_r = 34.185$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.17, 5.17, 5.17); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-10; Ambient Temp: 21.0; Tissue Temp: 21.1

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

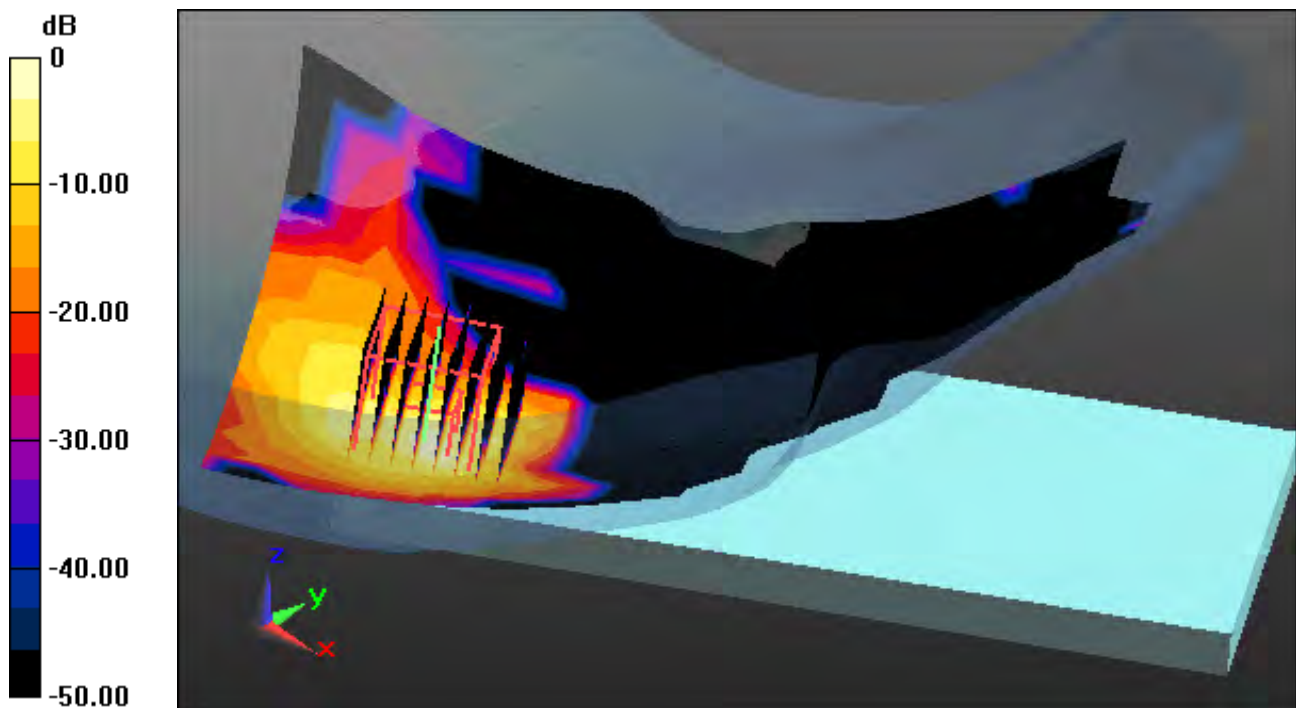
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

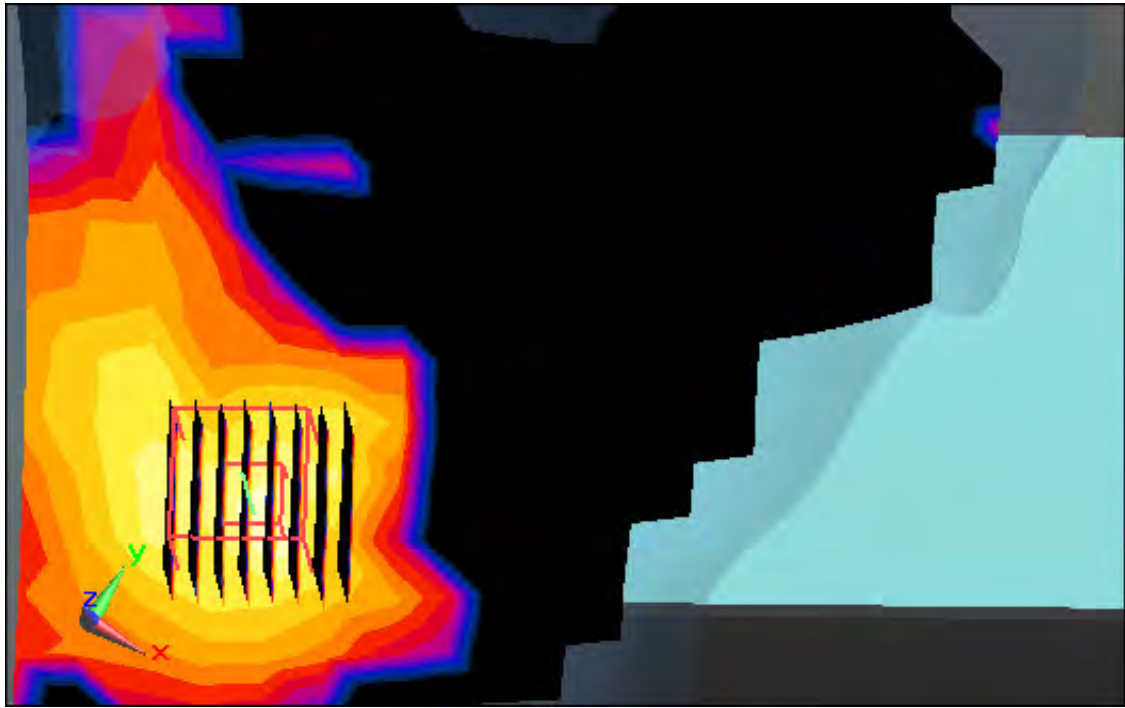
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.084 W/kg



0 dB = 0.995 W/kg



Enlarged Plot for A20

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.492 \text{ S/m}$; $\epsilon_r = 34.137$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.17, 5.17, 5.17); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-10; Ambient Temp: 21.0; Tissue Temp: 21.1

Right Touch, WLAN(802.11a) Ch. 165, Ant Internal, Standard Battery, Ant.2

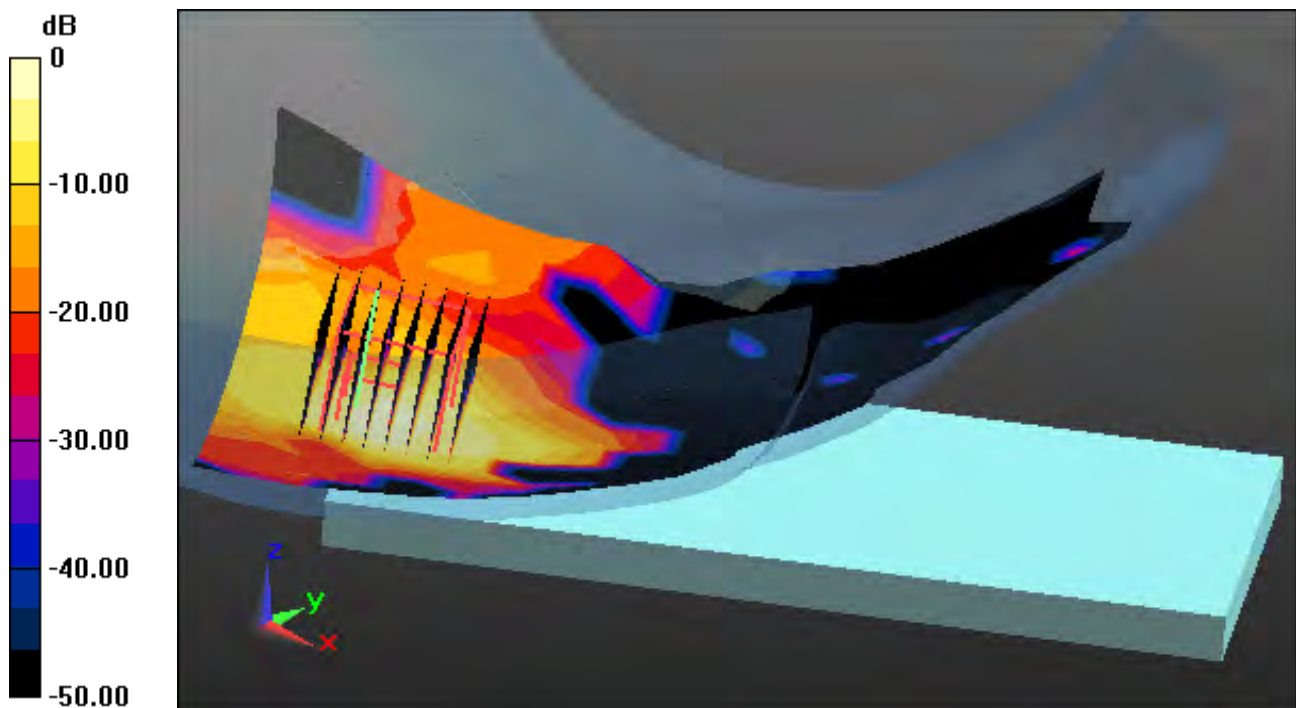
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

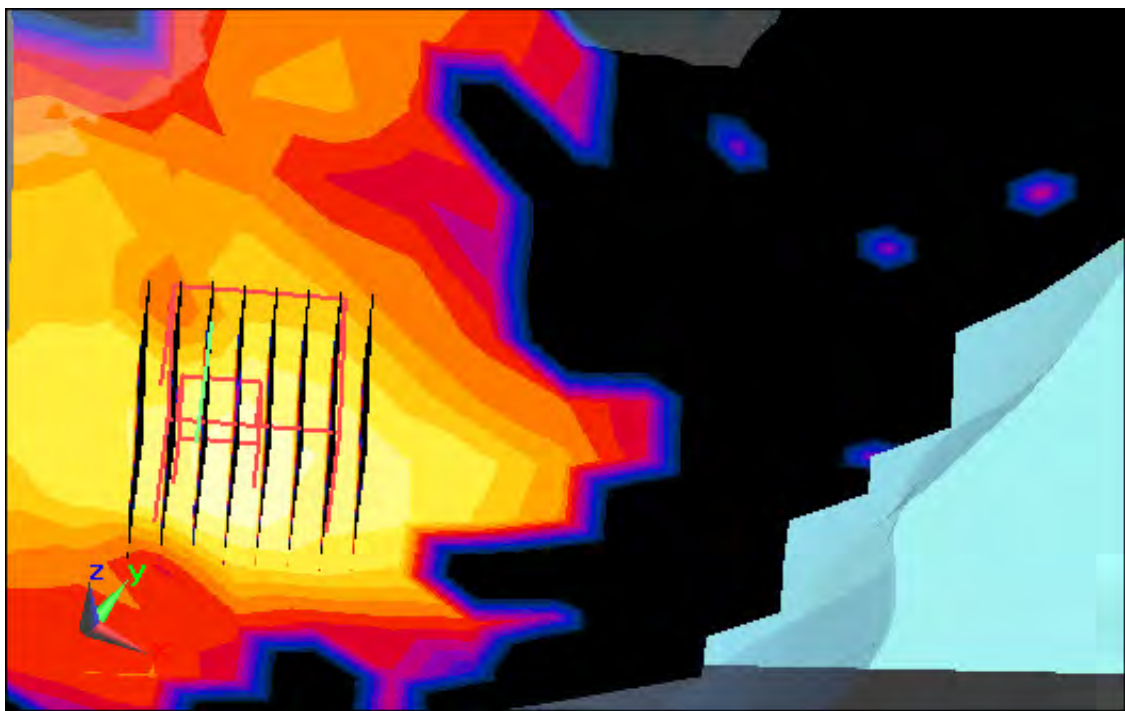
Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.099 W/kg



0 dB = 0.817 W/kg



Enlarged Plot for A21

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.399 \text{ S/m}$; $\epsilon_r = 34.252$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.17, 5.17, 5.17); Calibrated: 11/27/2019; 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 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-10; Ambient Temp: 21.0; Tissue Temp: 21.1

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

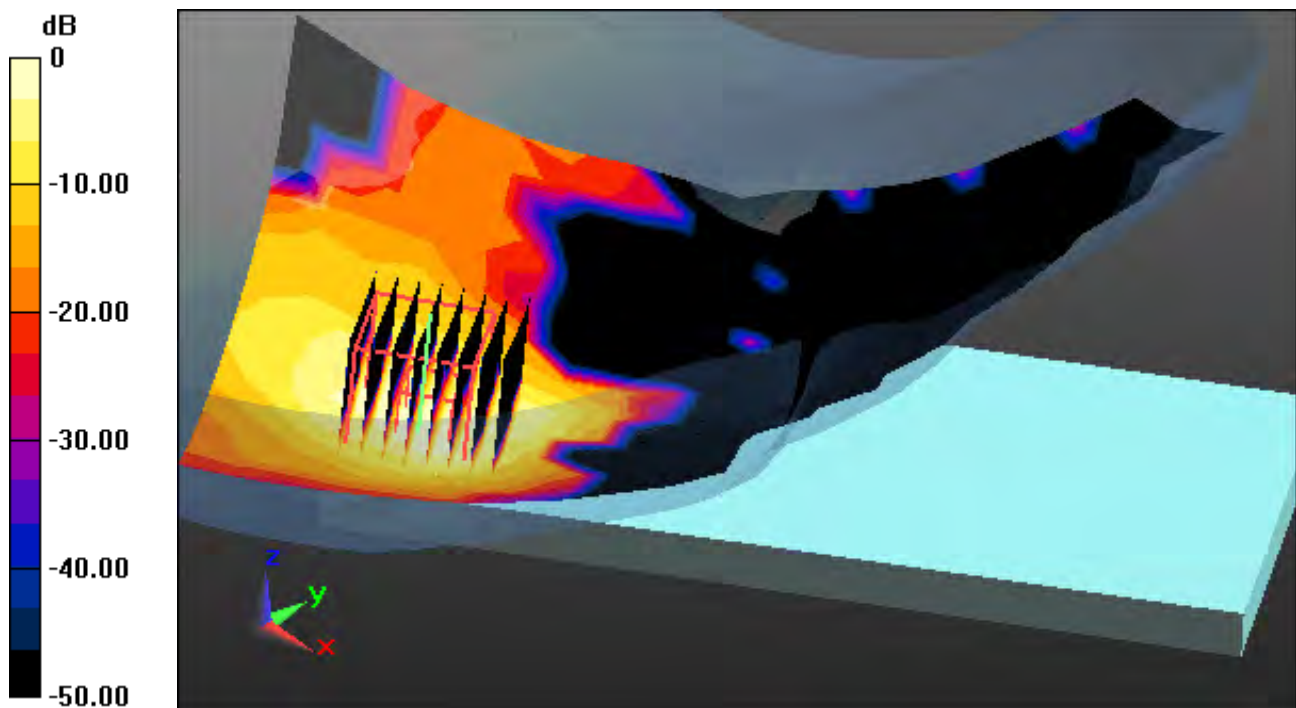
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

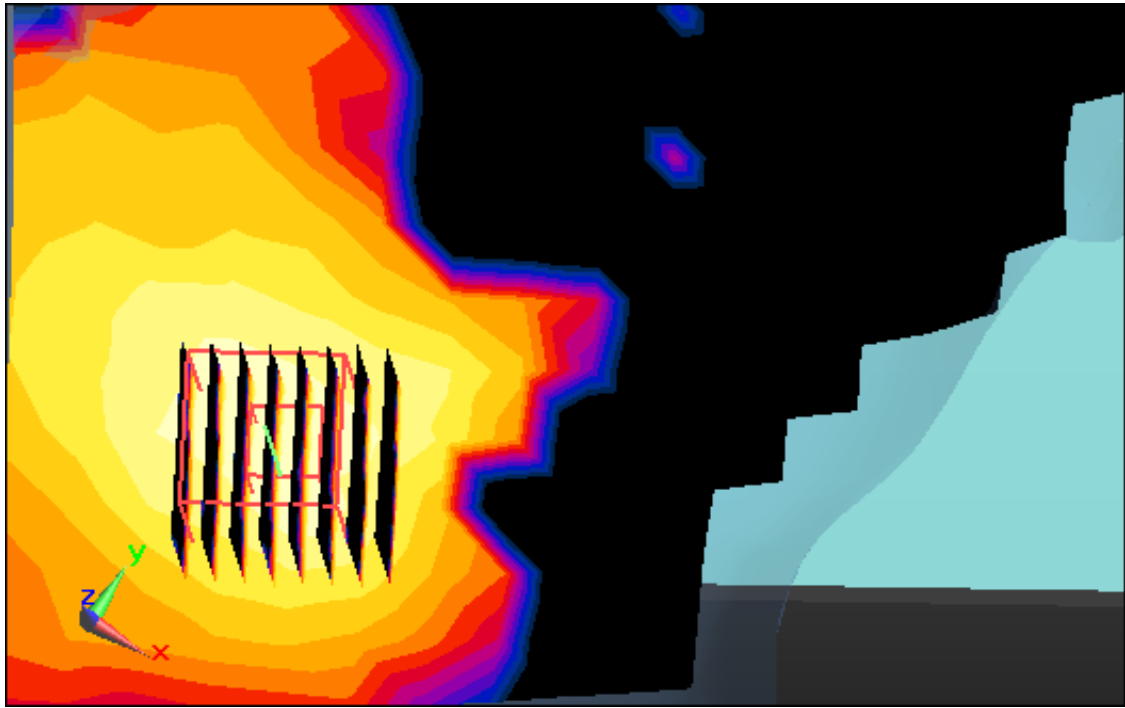
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.101 W/kg





Enlarged Plot for A22

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.842 \text{ S/m}$; $\epsilon_r = 40.379$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.84, 7.84, 7.84); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-03; Ambient Temp: 21.3; Tissue Temp: 21.6

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

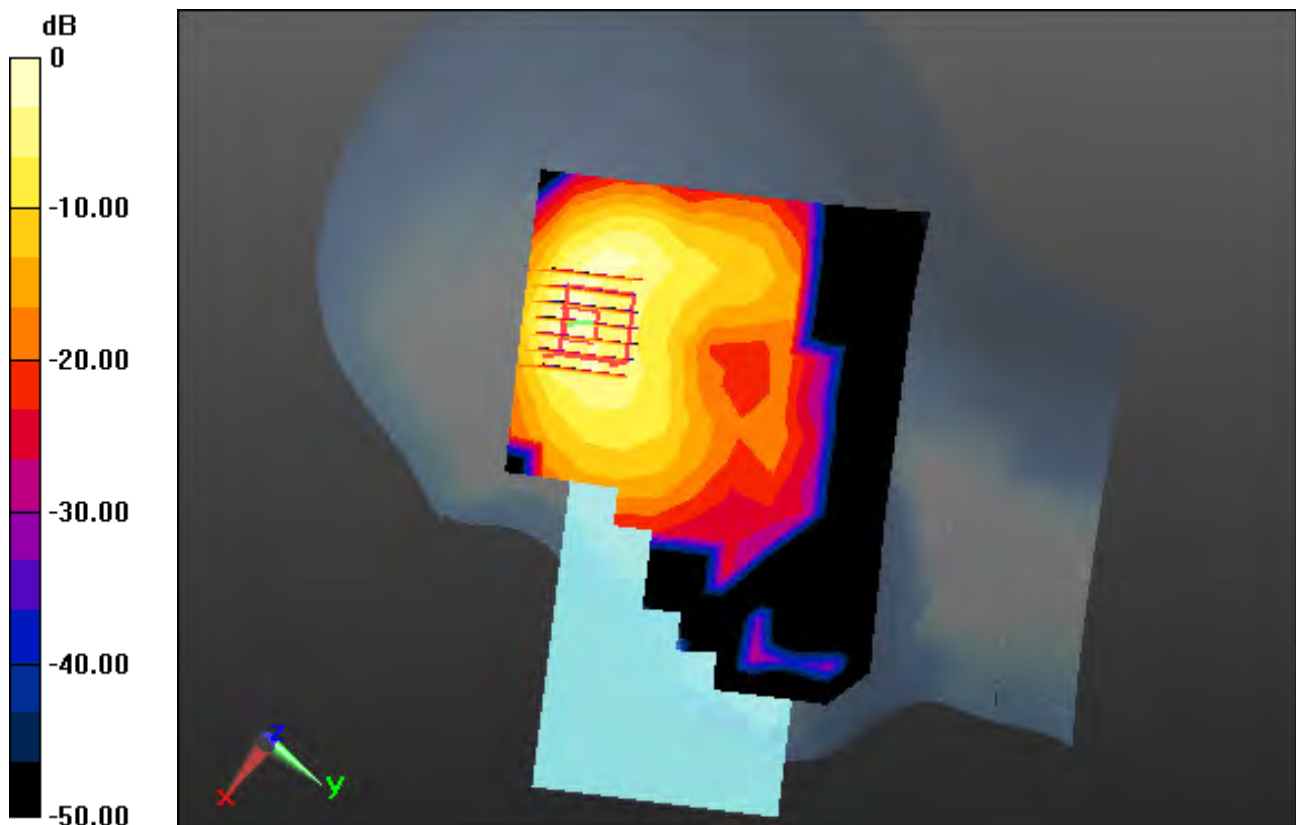
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

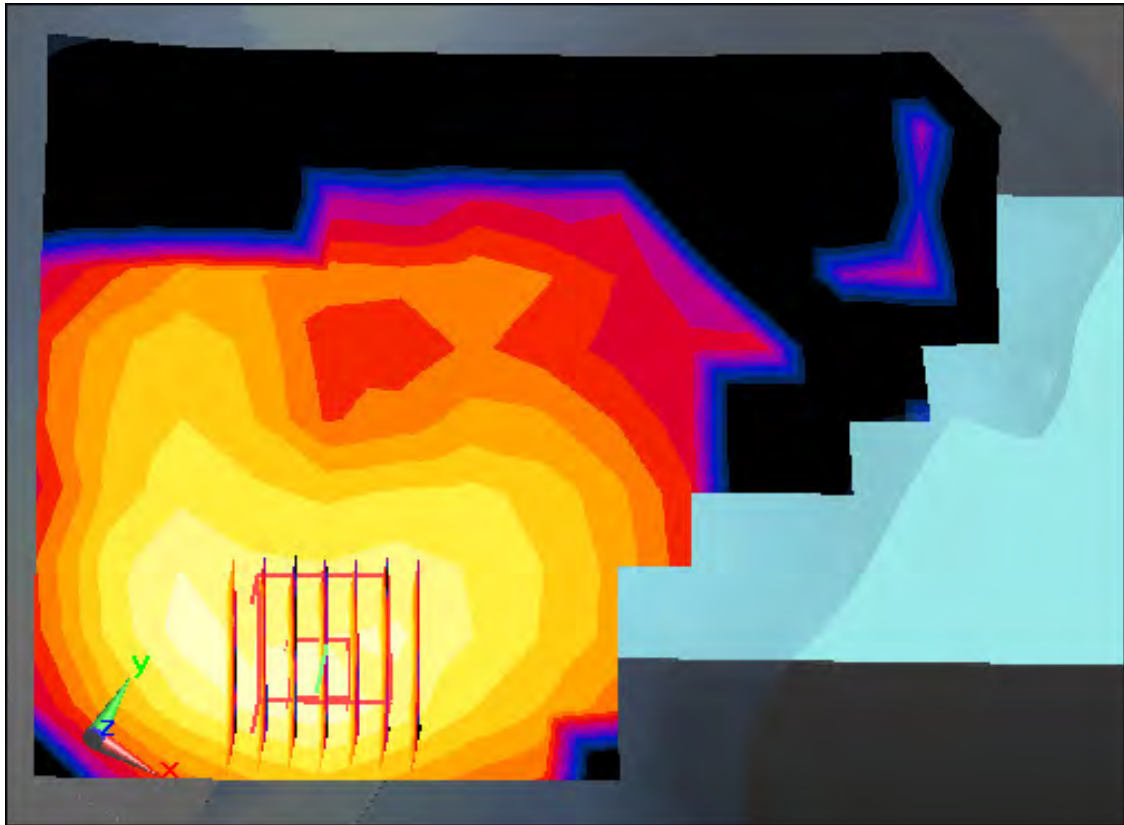
Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.280 W/kg



Enlarged Plot for A23

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.949$ S/m; $\epsilon_r = 56.391$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-30; Ambient Temp: 22.1; Tissue Temp: 22.0

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

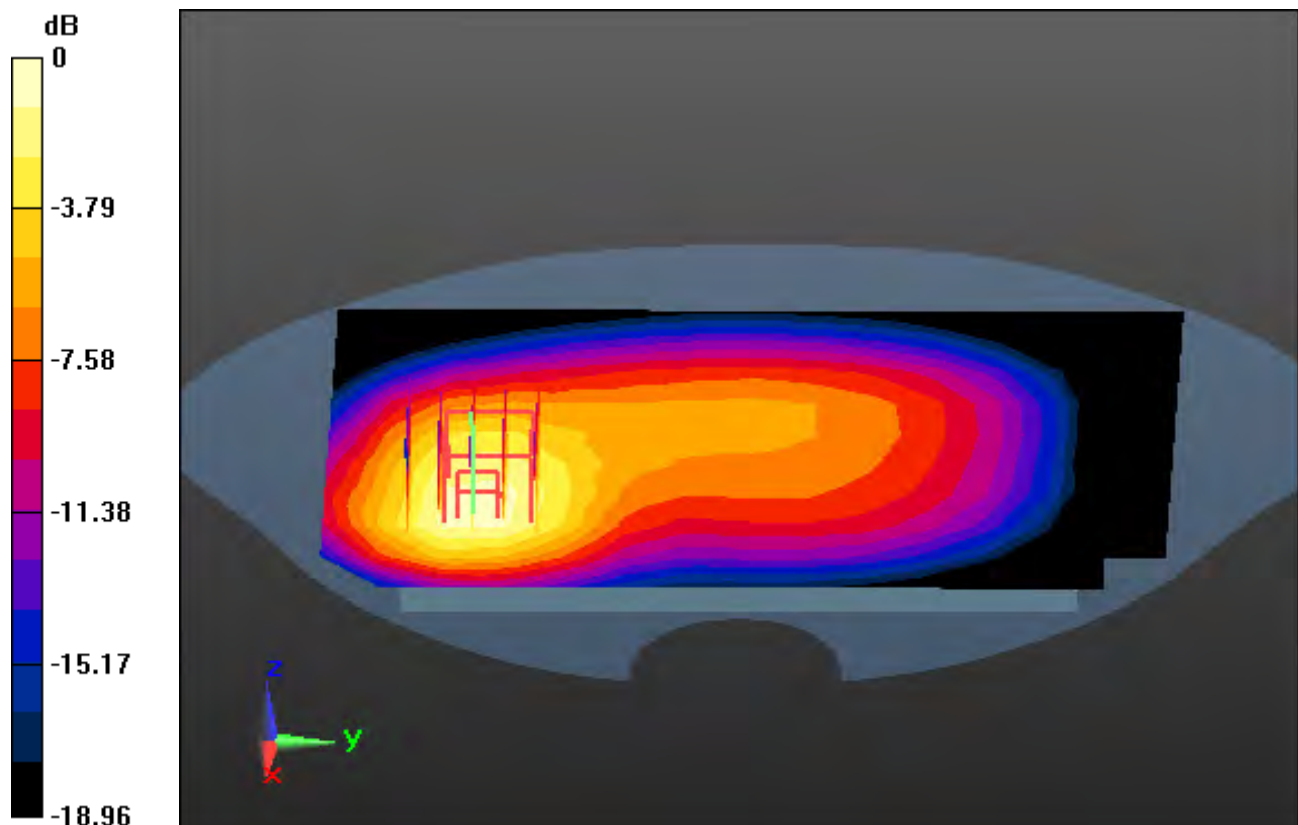
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

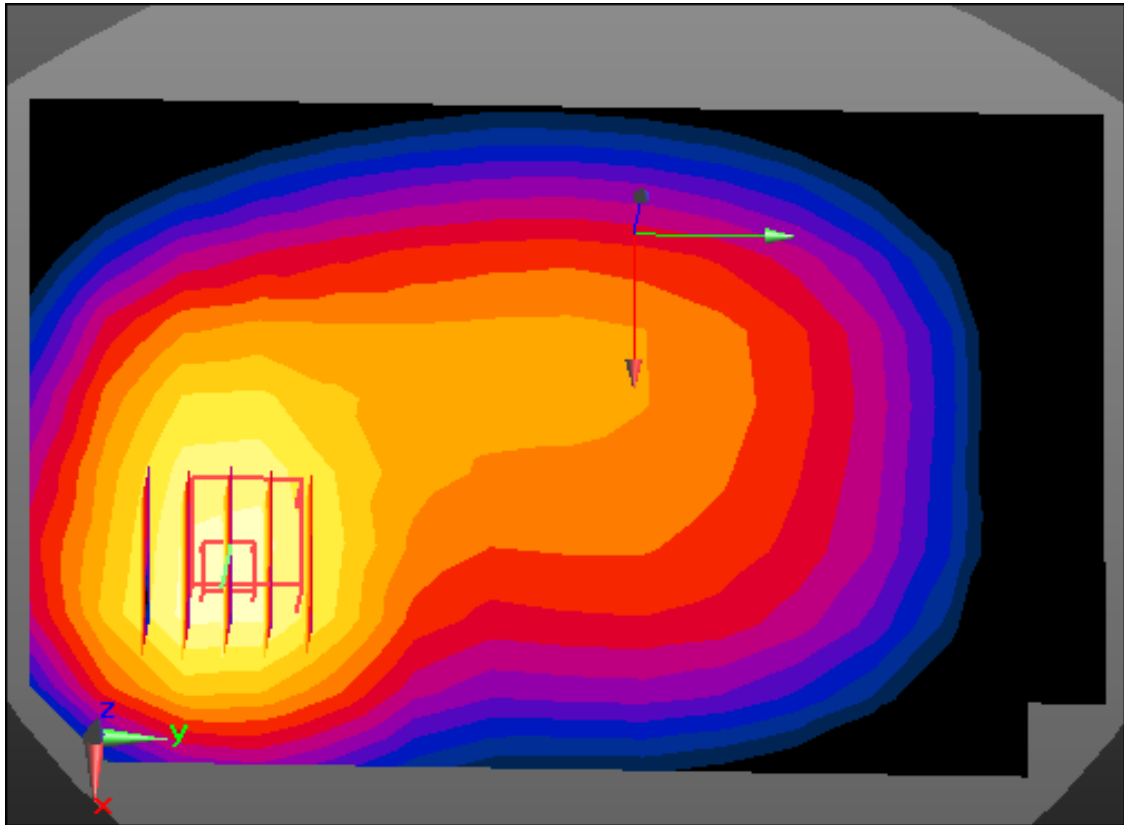
Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.305 W/kg



0 dB = 0.649 W/kg



Enlarged Plot for A24

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, GSM 850_10 (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 56.391$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-30; Ambient Temp: 22.1; Tissue Temp: 22.0

1 cm space from Body, Front, GSM850 GPRS 2TX Ch. 190, Ant Internal

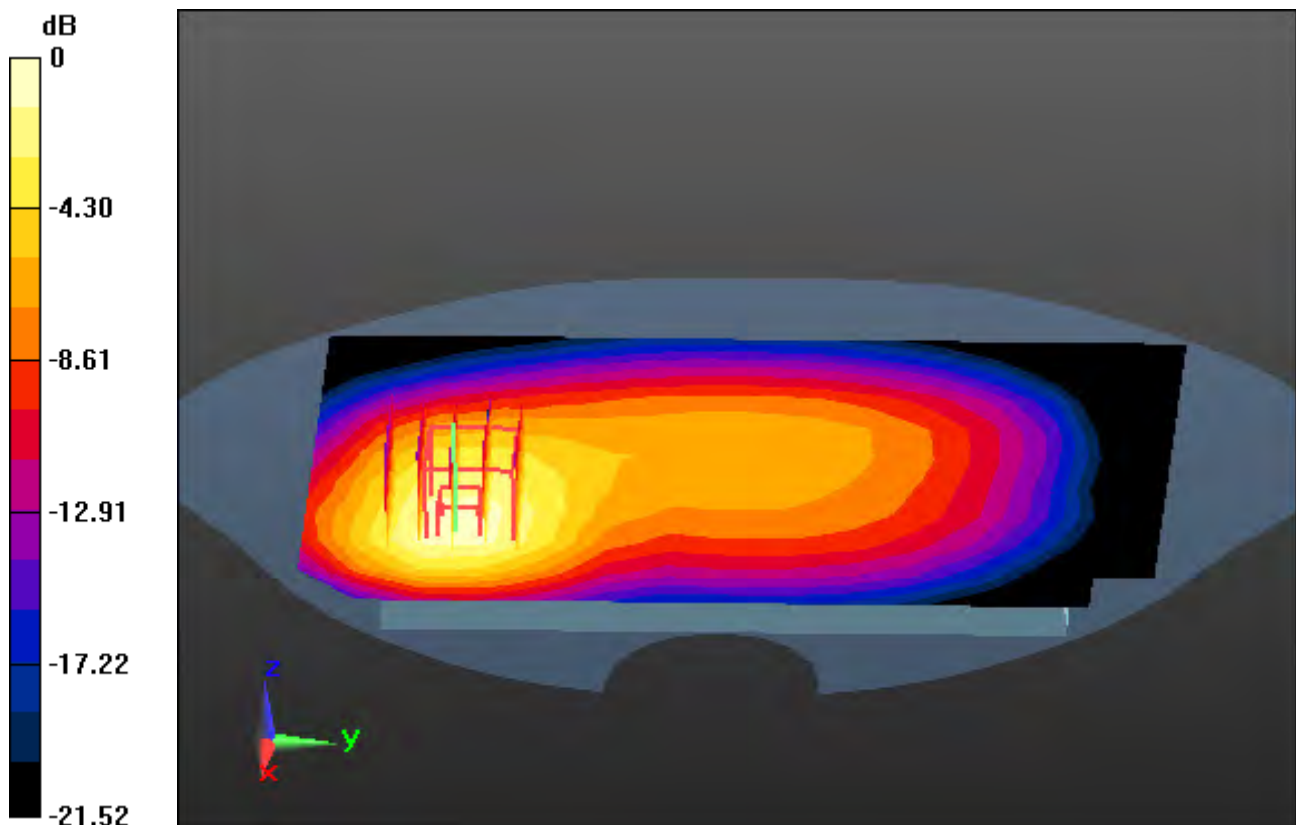
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

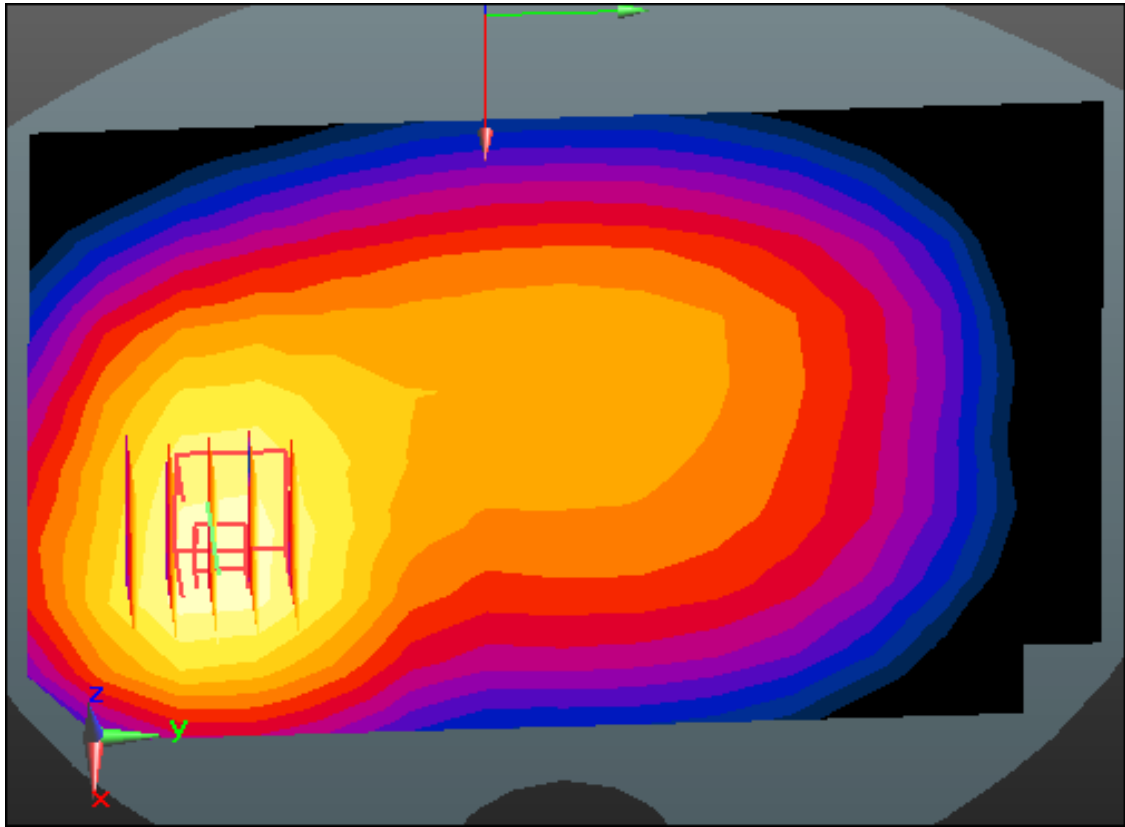
Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.836 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.319 W/kg



0 dB = 0.676 W/kg



Enlarged Plot for A25

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar;

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019 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 14.6.13 (7474)

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

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

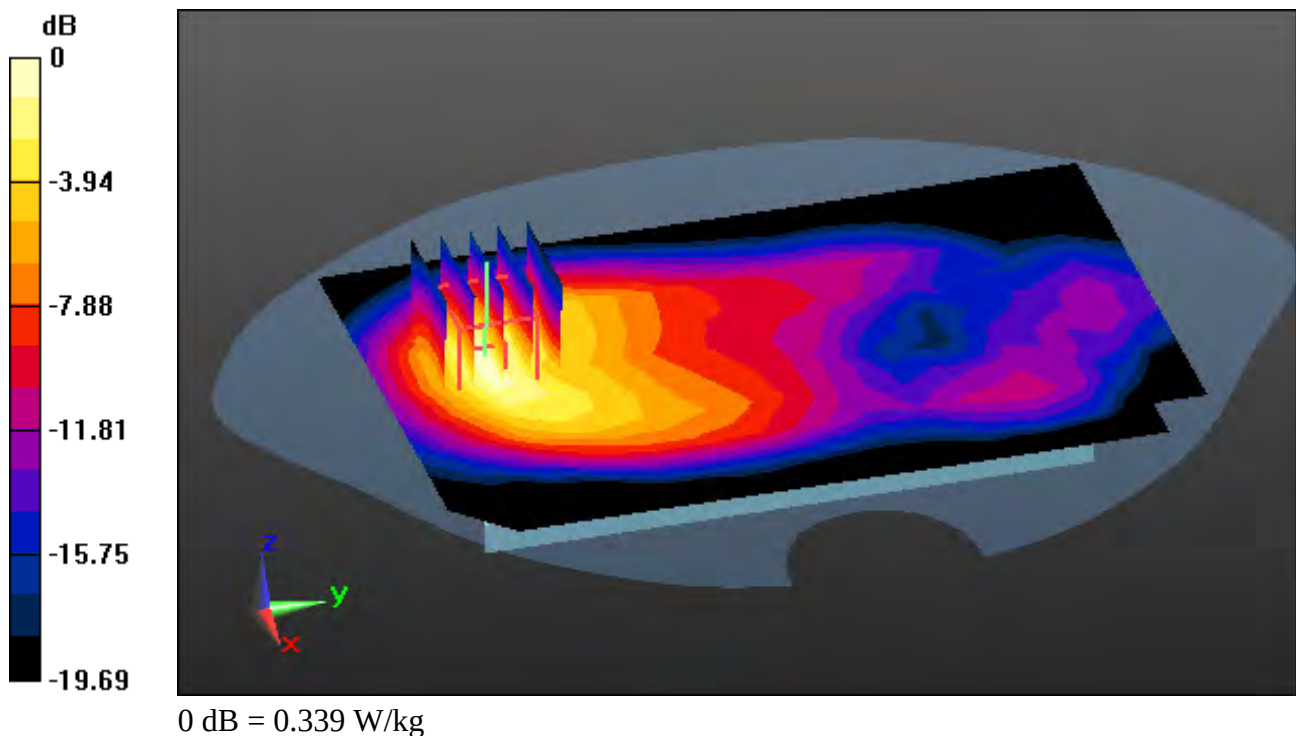
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

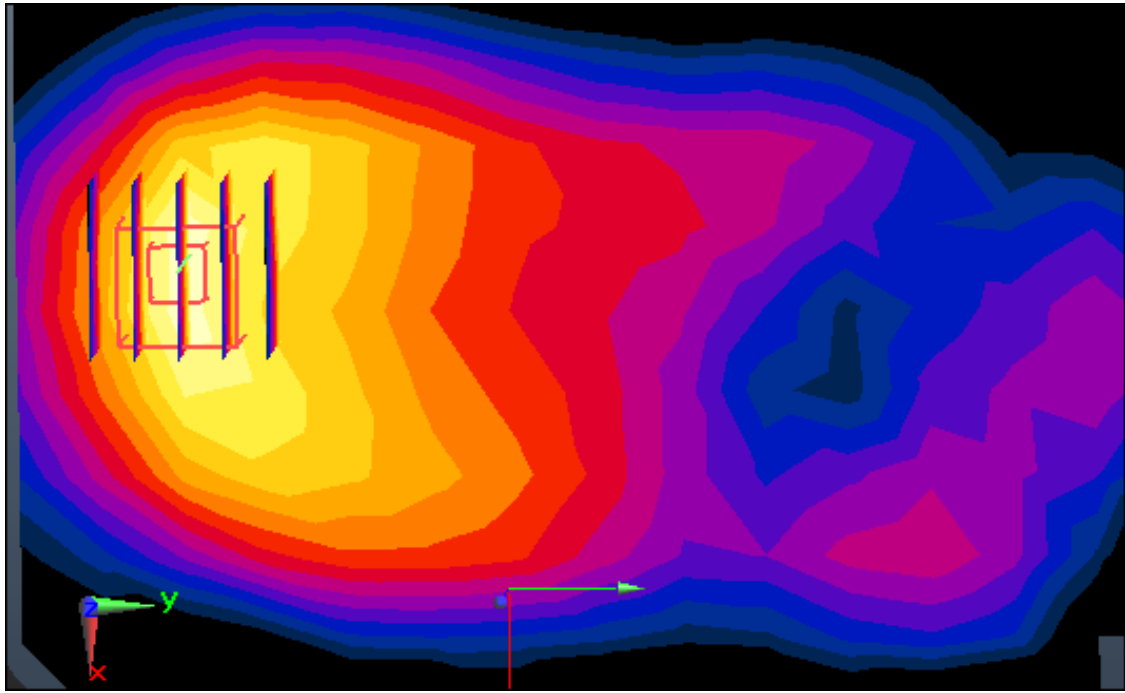
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.121 W/kg





Enlarged Plot for A26

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar;

Communication System: UID 0, PCS1900_3 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019 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 14.6.13 (7474)

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

1 cm space from Body, Front, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

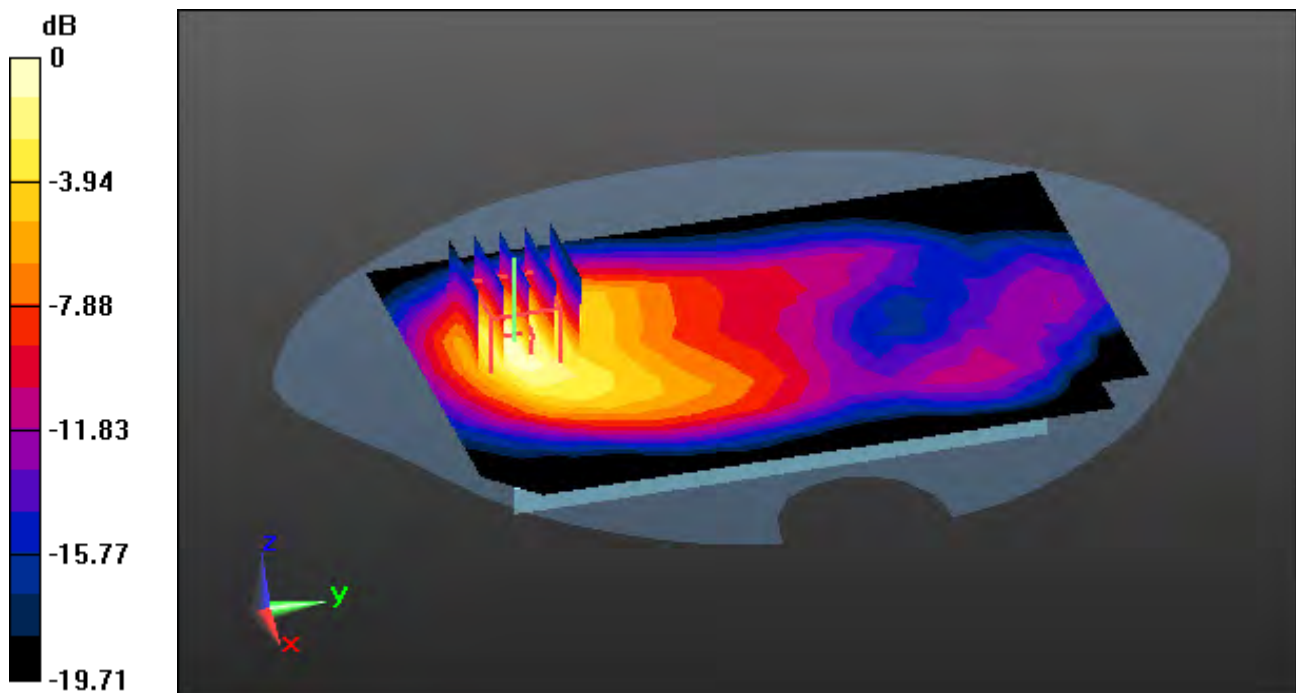
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

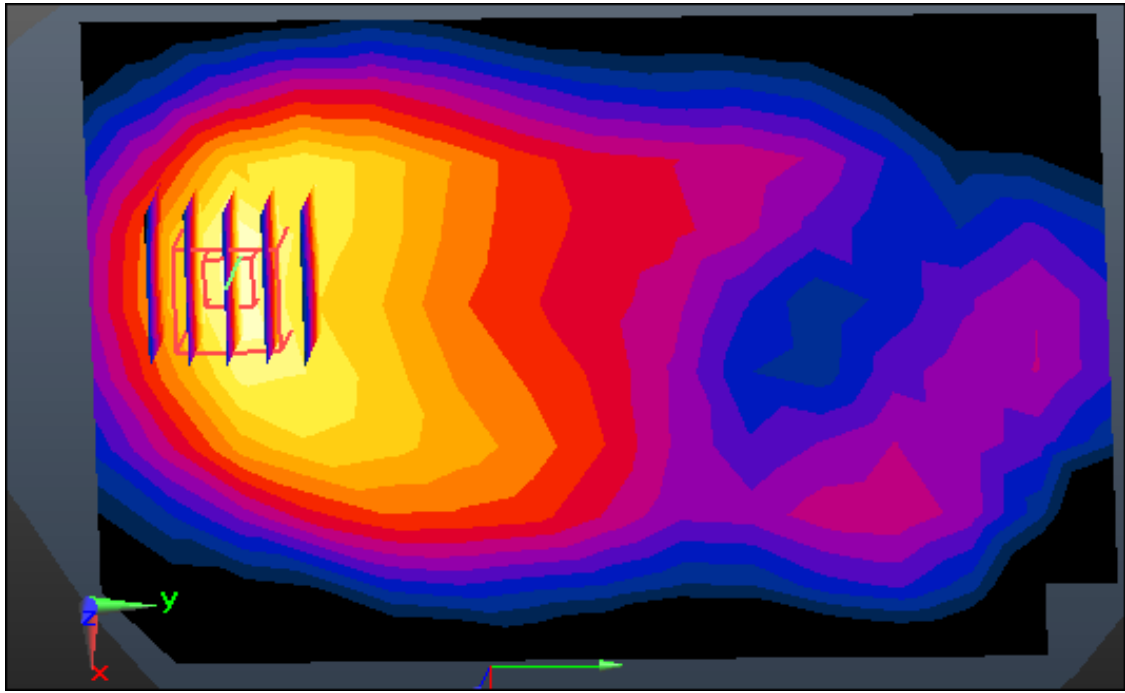
Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.179 W/kg



0 dB = 0.493 W/kg



Enlarged Plot for A27

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 56.391$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2019-12-30; Ambient Temp: 22.1; Tissue Temp: 22.0

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

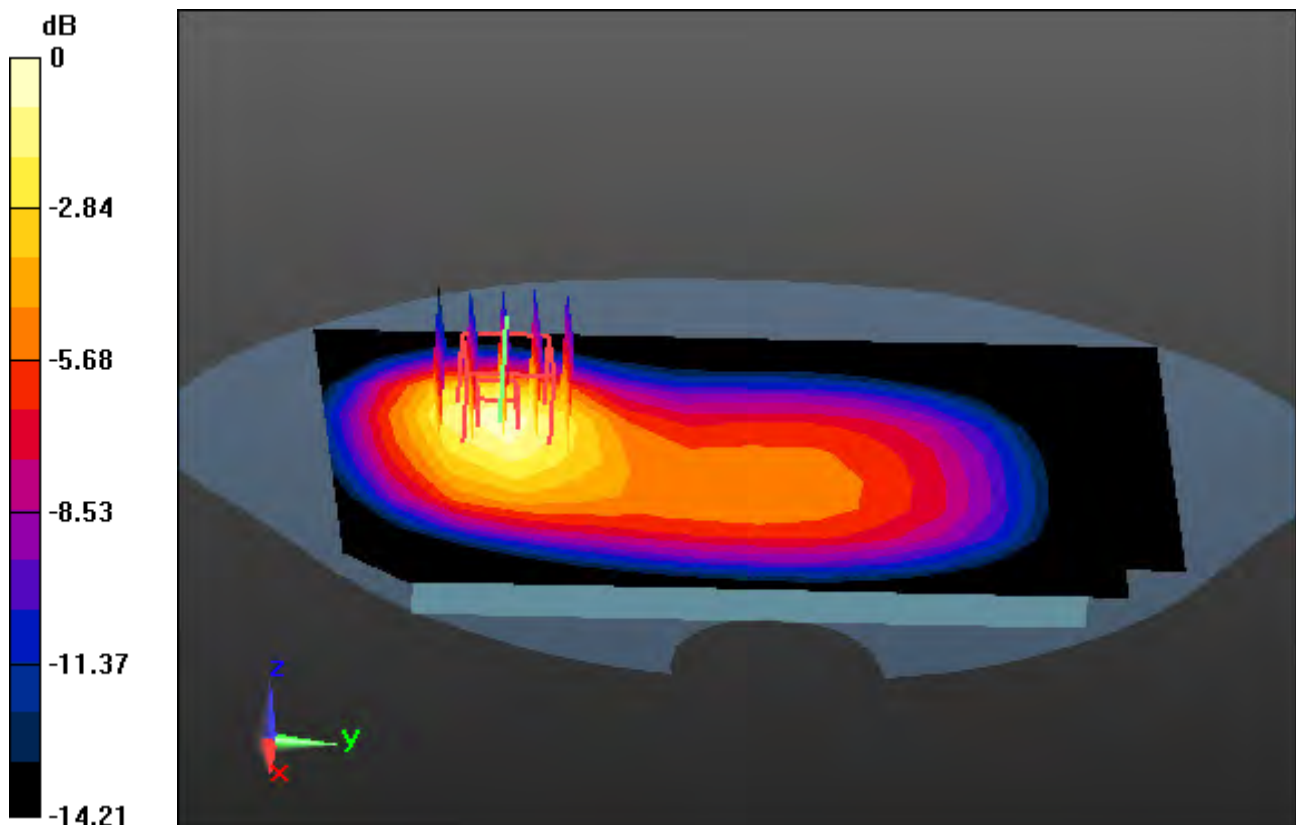
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

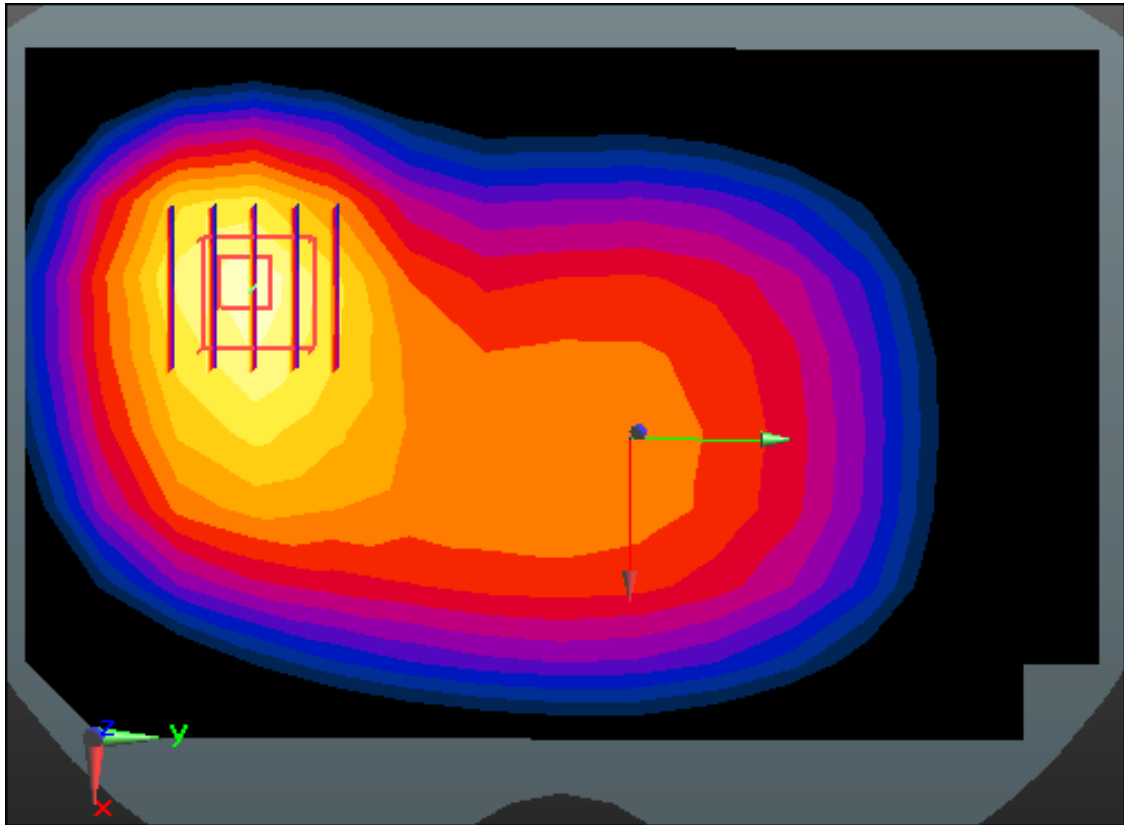
Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.383 W/kg



0 dB = 0.782 W/kg



Enlarged Plot for A28

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.506 \text{ S/m}$; $\epsilon_r = 52.625$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

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

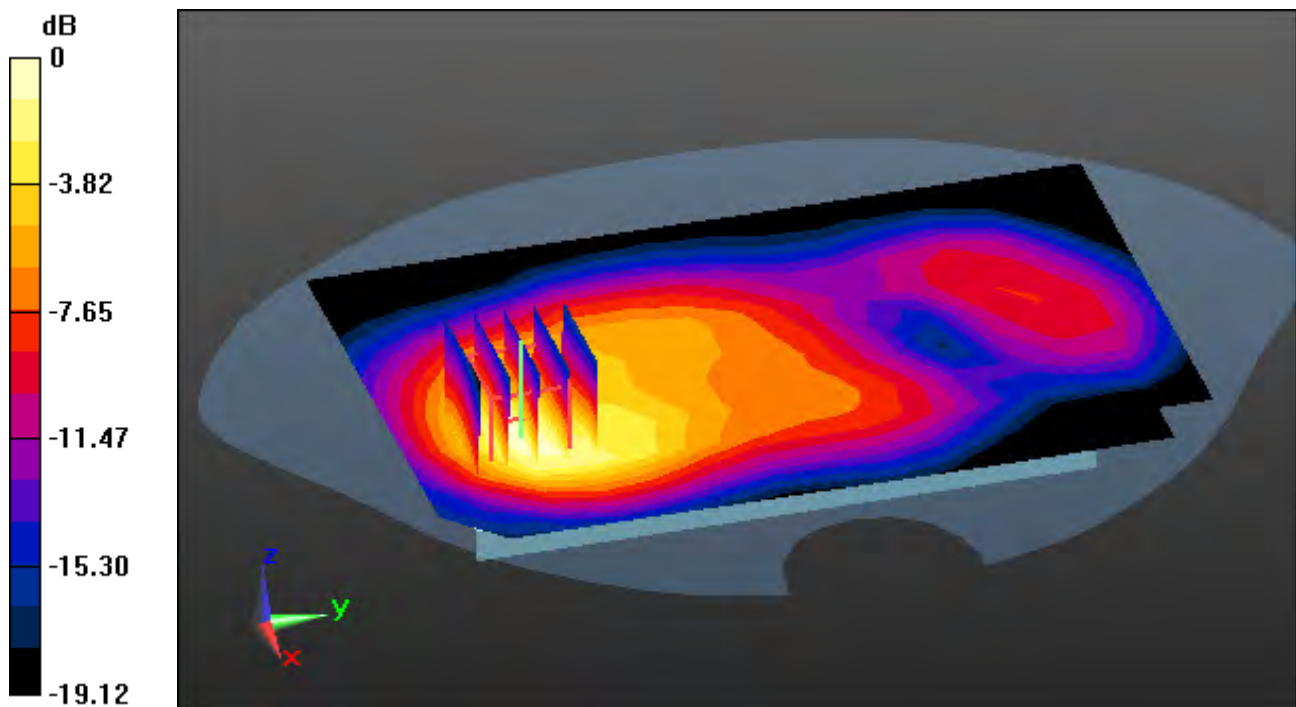
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

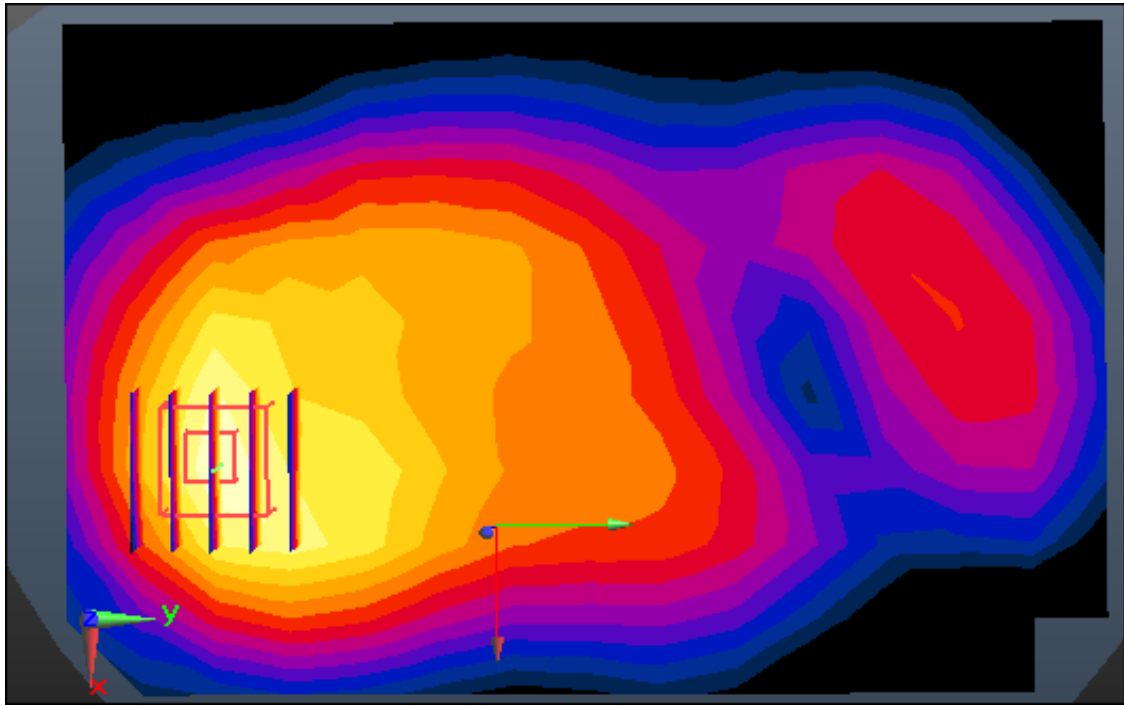
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.992 W/kg

SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.304 W/kg



0 dB = 0.791 W/kg



Enlarged Plot for A29

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 56.23$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.44, 10.44, 10.44); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-02; Ambient Temp: 21.3; Tissue Temp: 21.2

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

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

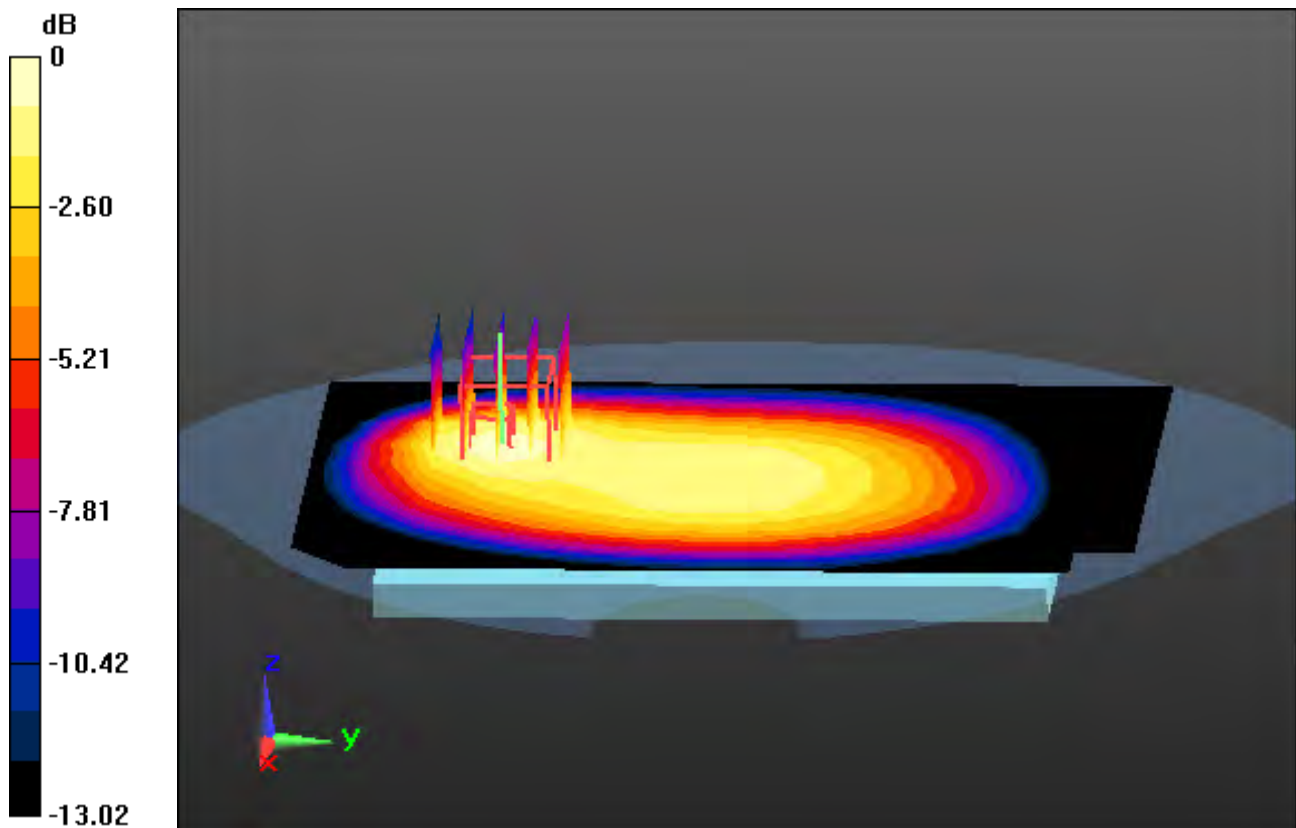
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

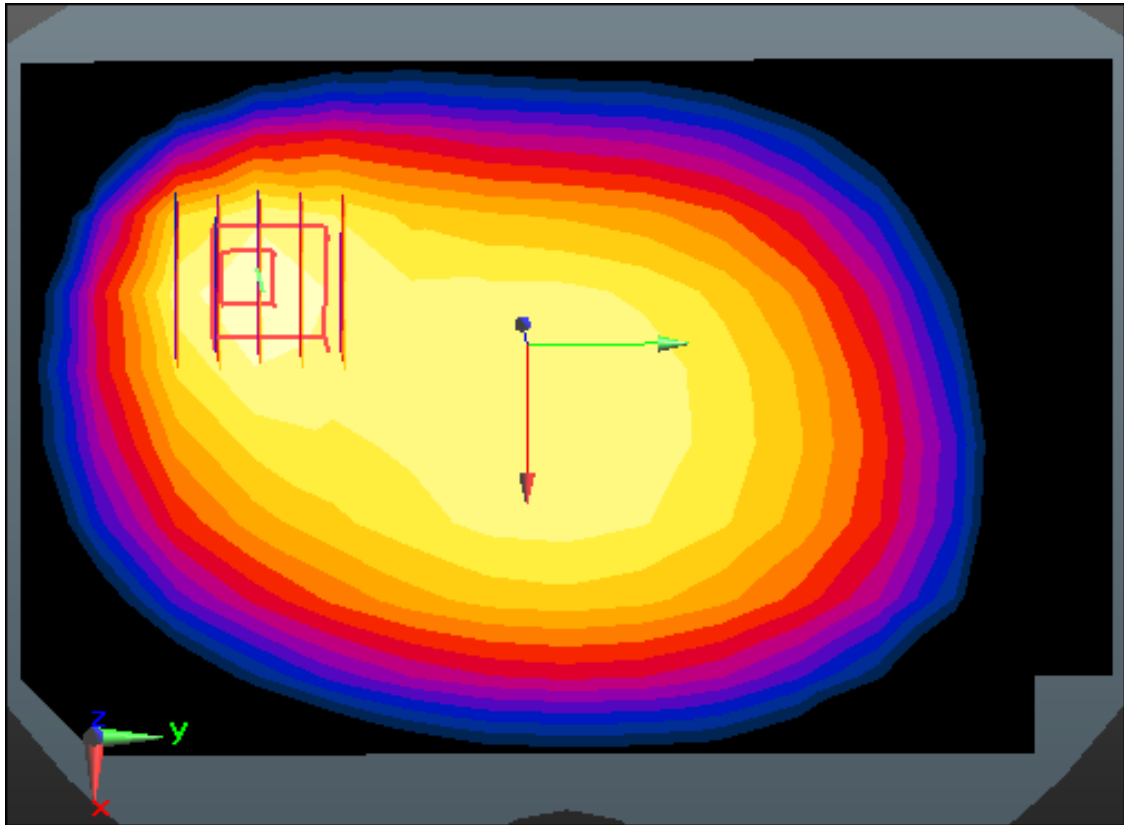
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.161 W/kg



0 dB = 0.292 W/kg



Enlarged Plot for A30

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.948 \text{ S/m}$; $\epsilon_r = 56.392$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.24, 10.24, 10.24); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2019-12-30; Ambient Temp: 22.1; Tissue Temp: 22.0

1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

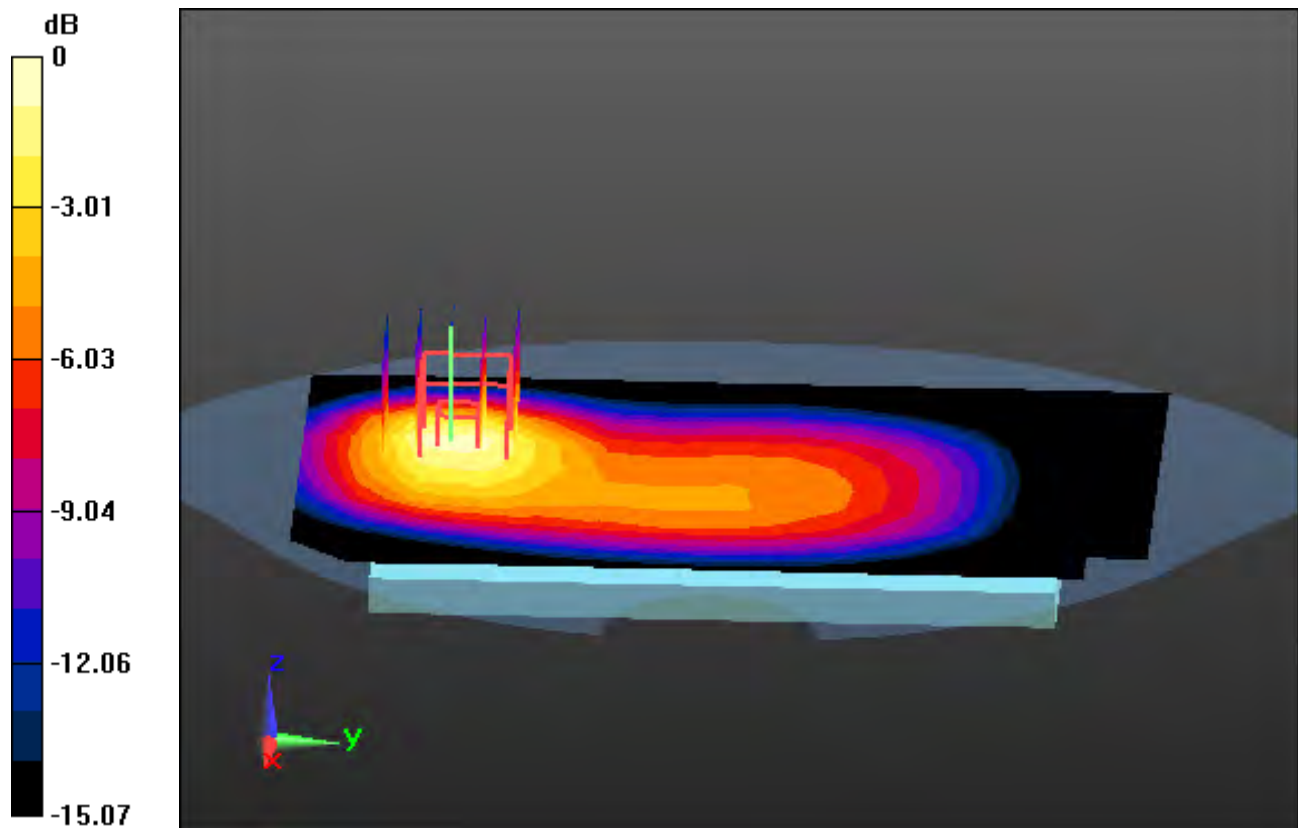
Area Scan (10x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

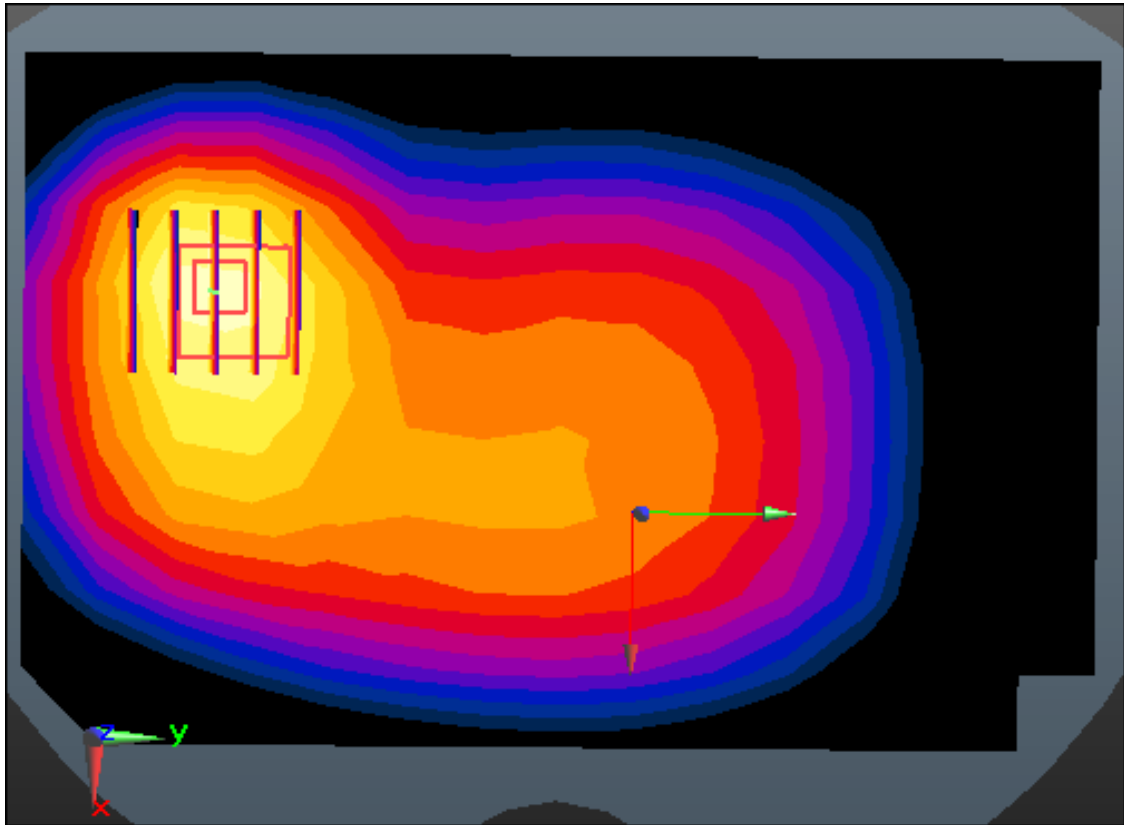
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.527 W/kg





Enlarged Plot for A31

DT&C Co., Ltd.

DUT: LM-V600EA; 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; $\sigma = 1.512$ S/m; $\epsilon_r = 52.459$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.65, 8.65, 8.65); Calibrated: 11/27/2019; 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: 2020-01-02; Ambient Temp: 21.0; Tissue Temp: 21.1

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

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

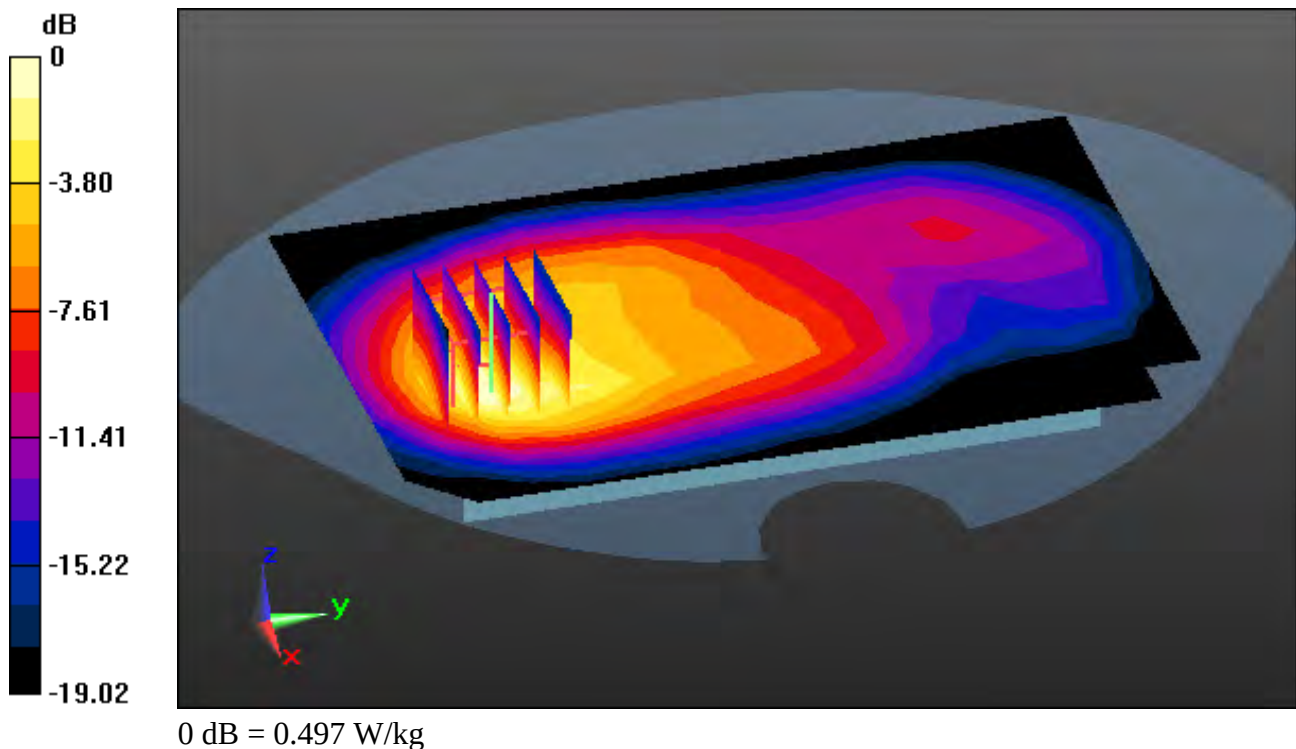
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

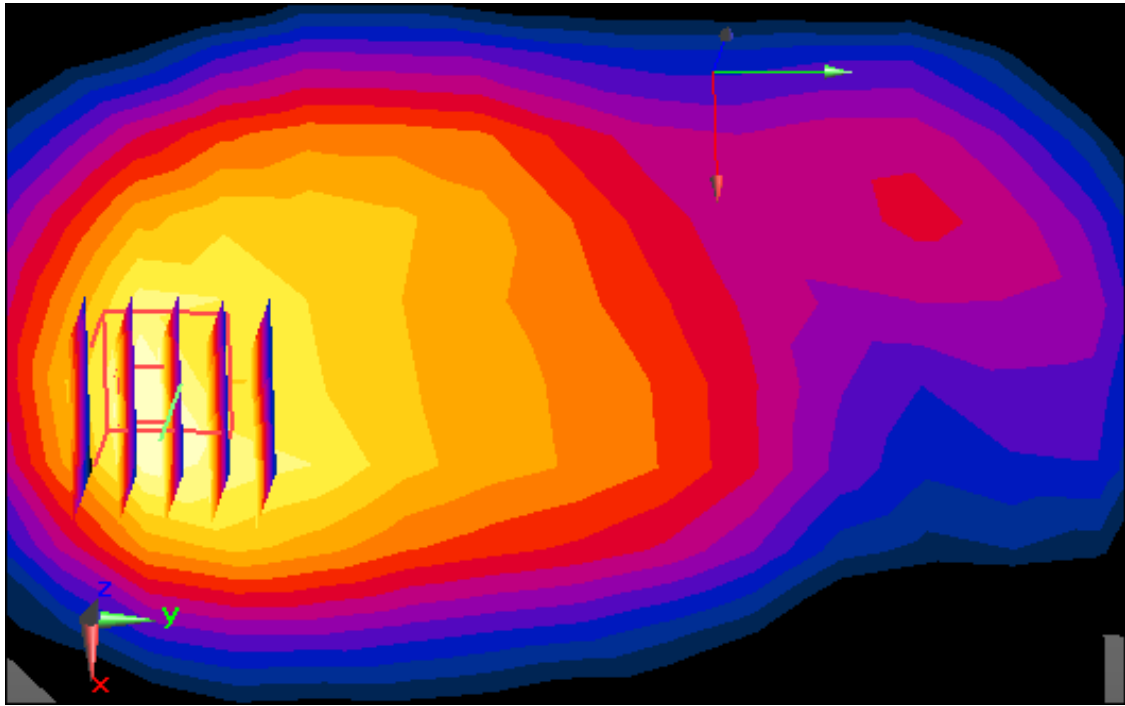
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.202 W/kg





Enlarged Plot for A32

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

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

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

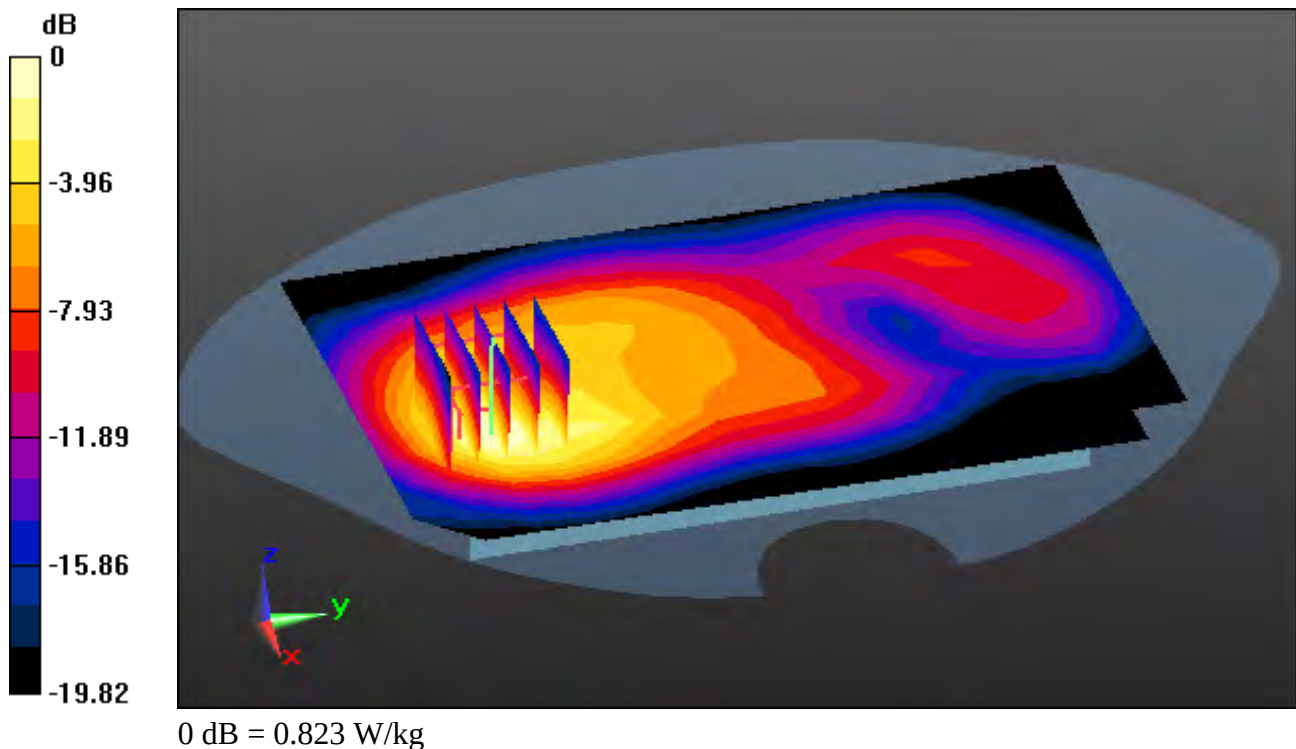
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

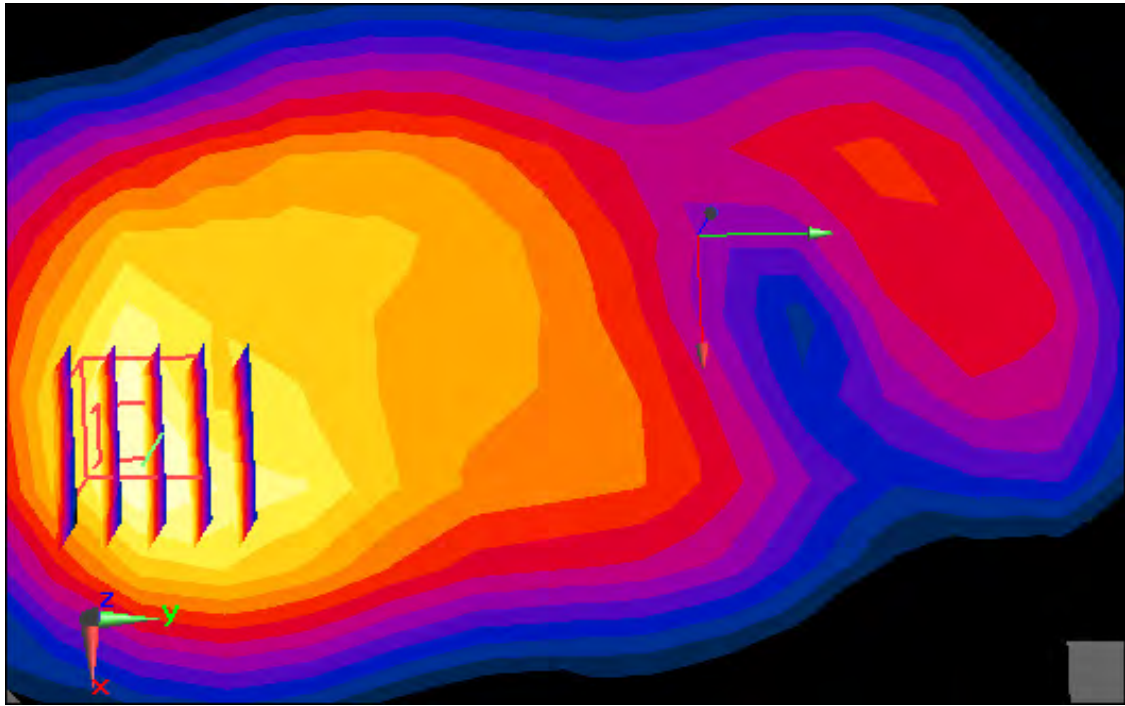
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.327 W/kg





Enlarged Plot for A33

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.937 \text{ S/m}$; $\epsilon_r = 50.968$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

1 cm space from Body, Front, WLAN(802.11b) Ch. 11, Ant Internal, Ant.1

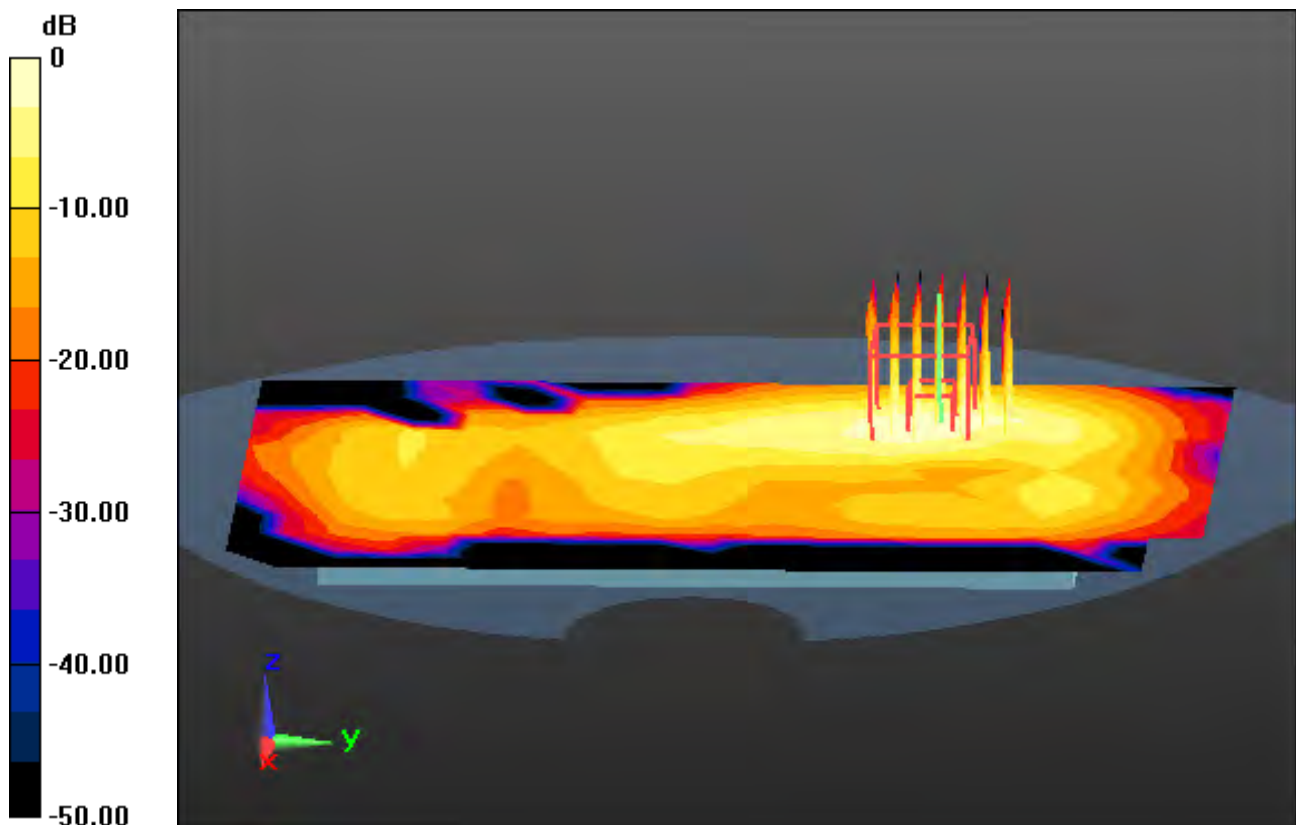
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

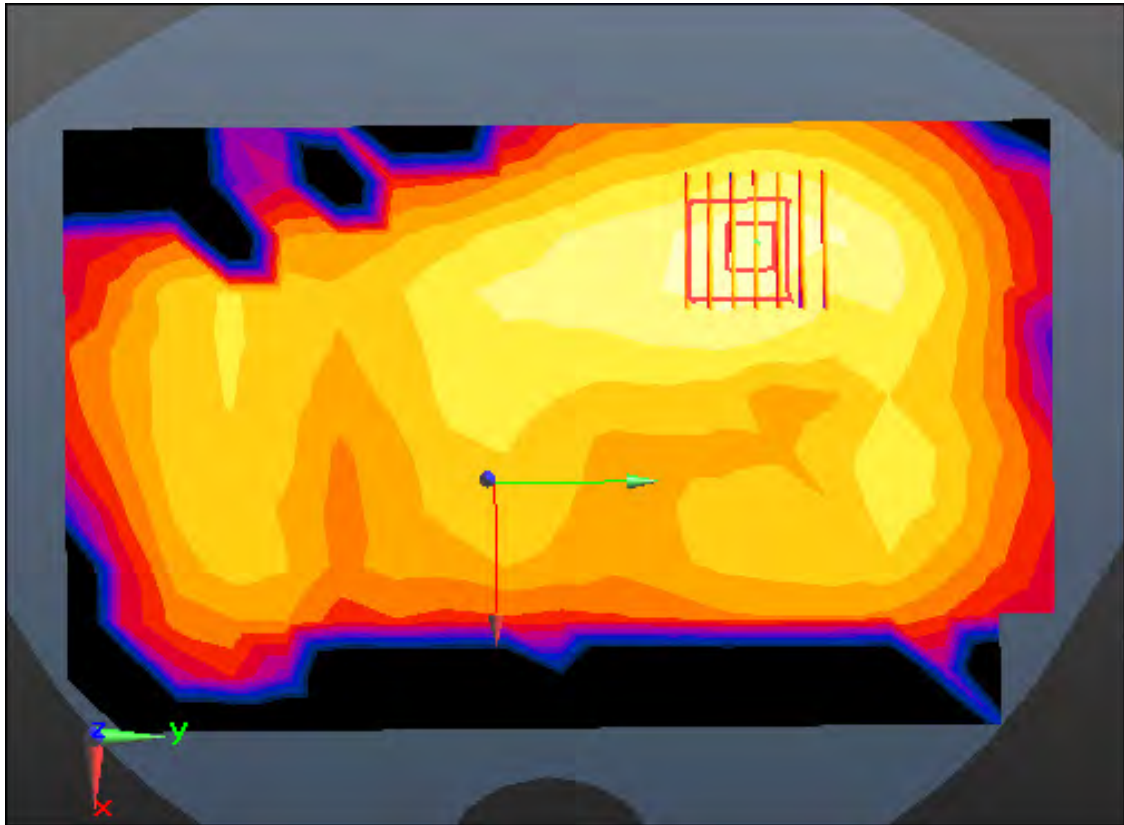
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.131 W/kg



Enlarged Plot for A34

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.937 \text{ S/m}$; $\epsilon_r = 50.968$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

1 cm space from Body, Front, WLAN(802.11b) Ch. 11, Ant Internal, Ant.2

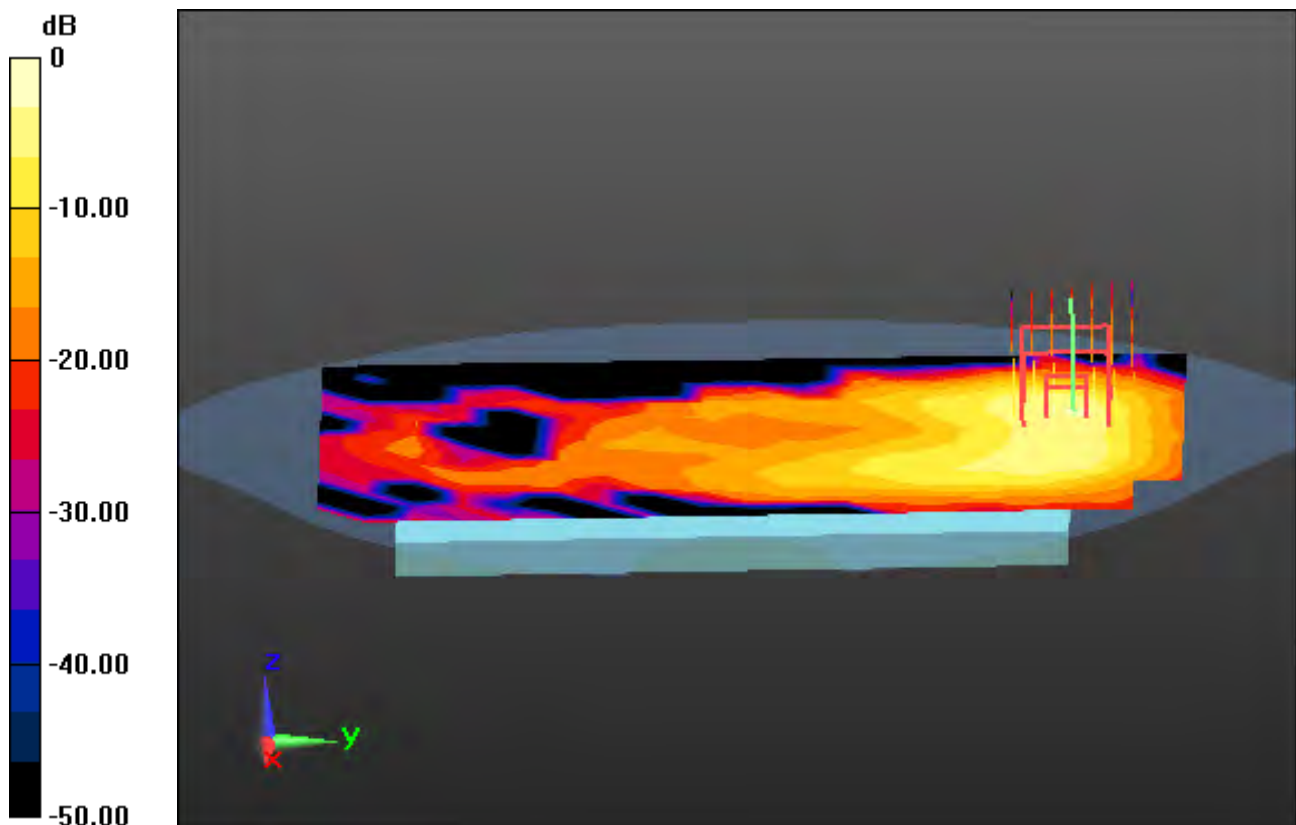
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

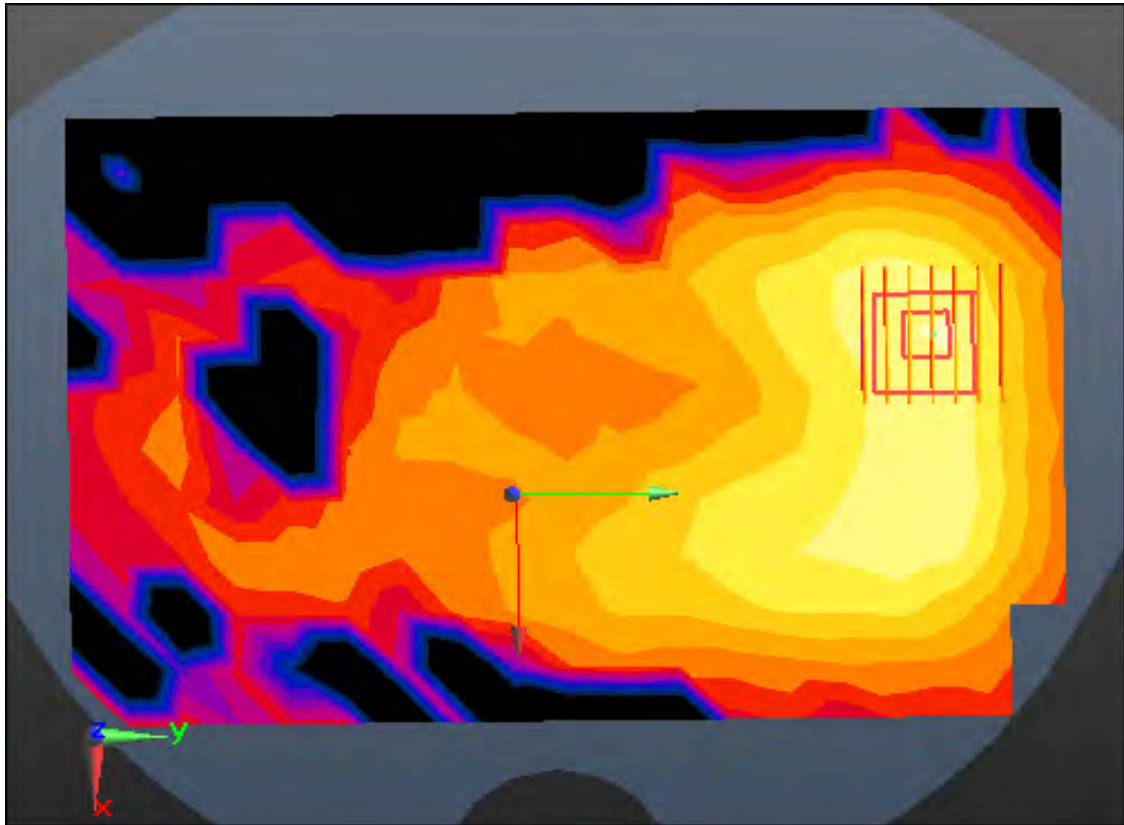
Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.113 W/kg



Enlarged Plot for A35

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.909 \text{ S/m}$; $\epsilon_r = 51.026$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

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

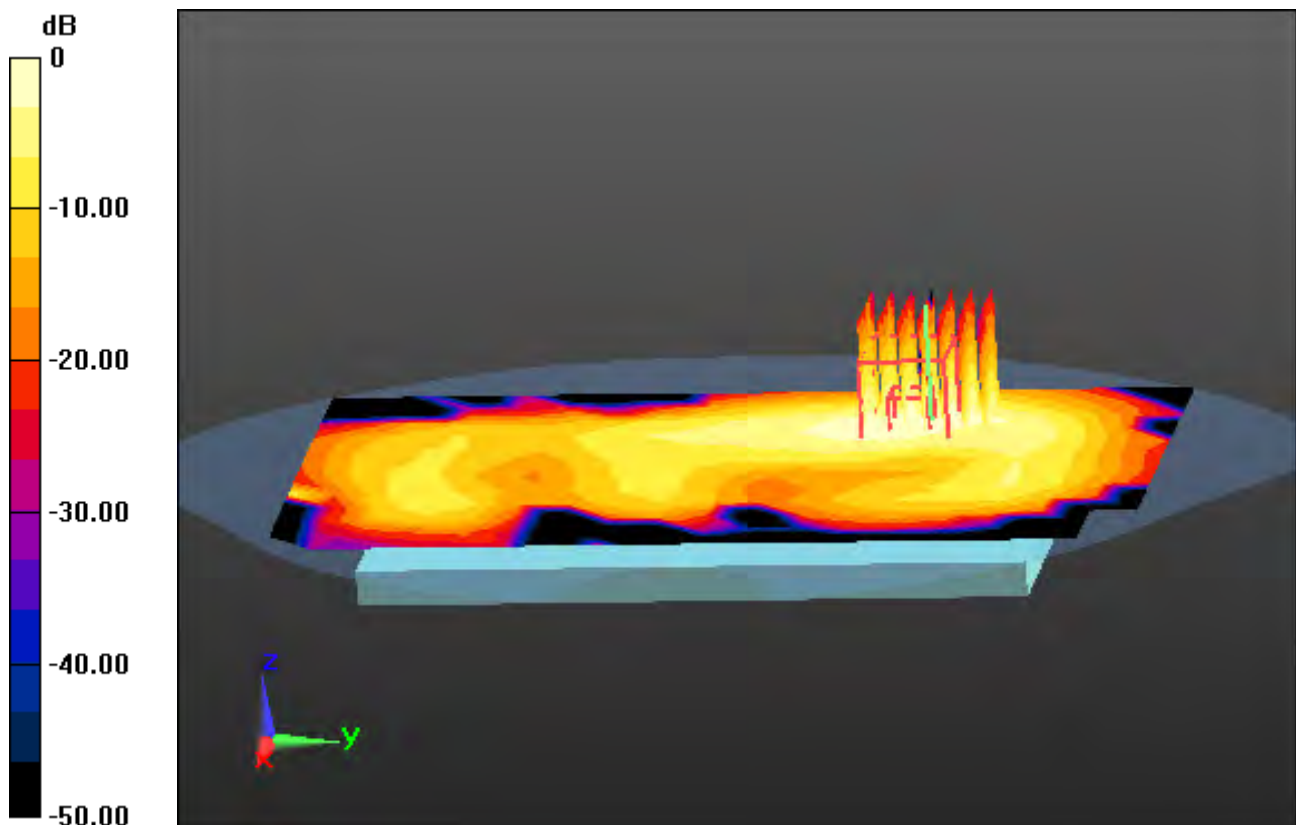
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

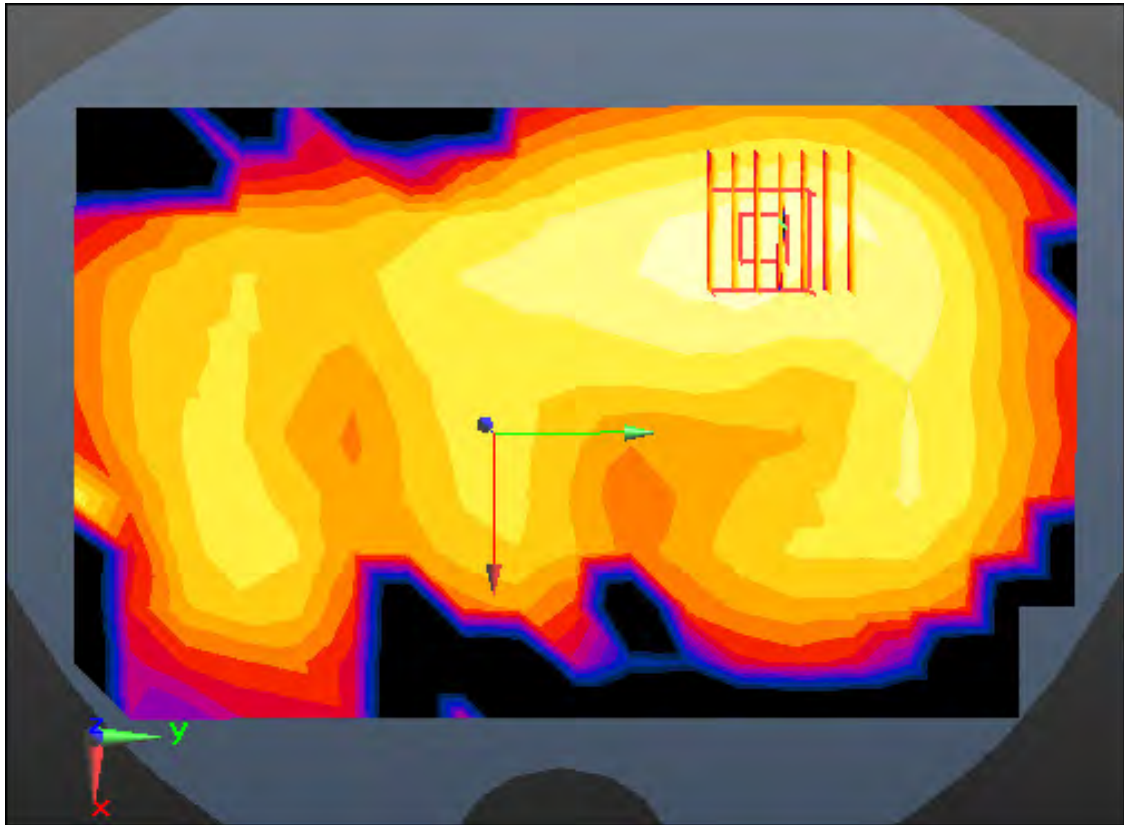
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.178 W/kg



Enlarged Plot for A36

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.282$ S/m; $\epsilon_r = 50.538$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

1 cm space from Body, Rear, WLAN(802.11a) Ch. 56, Ant Internal, Ant.1

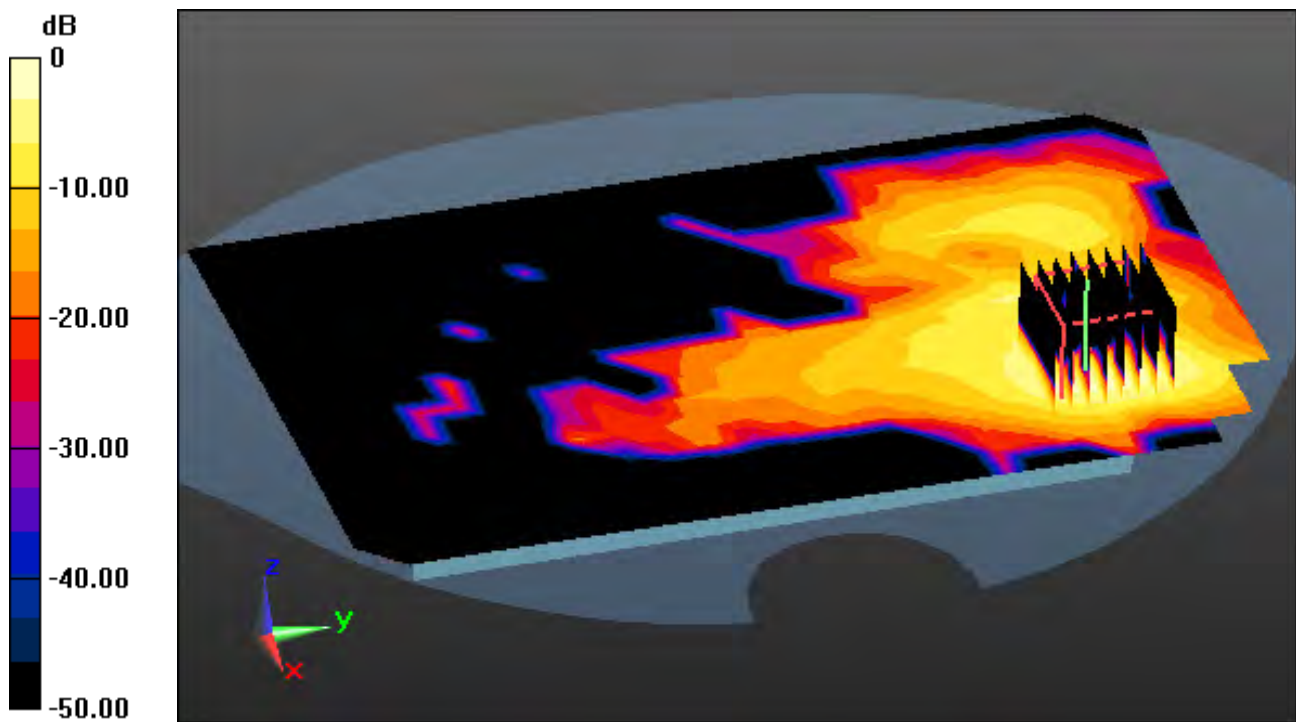
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

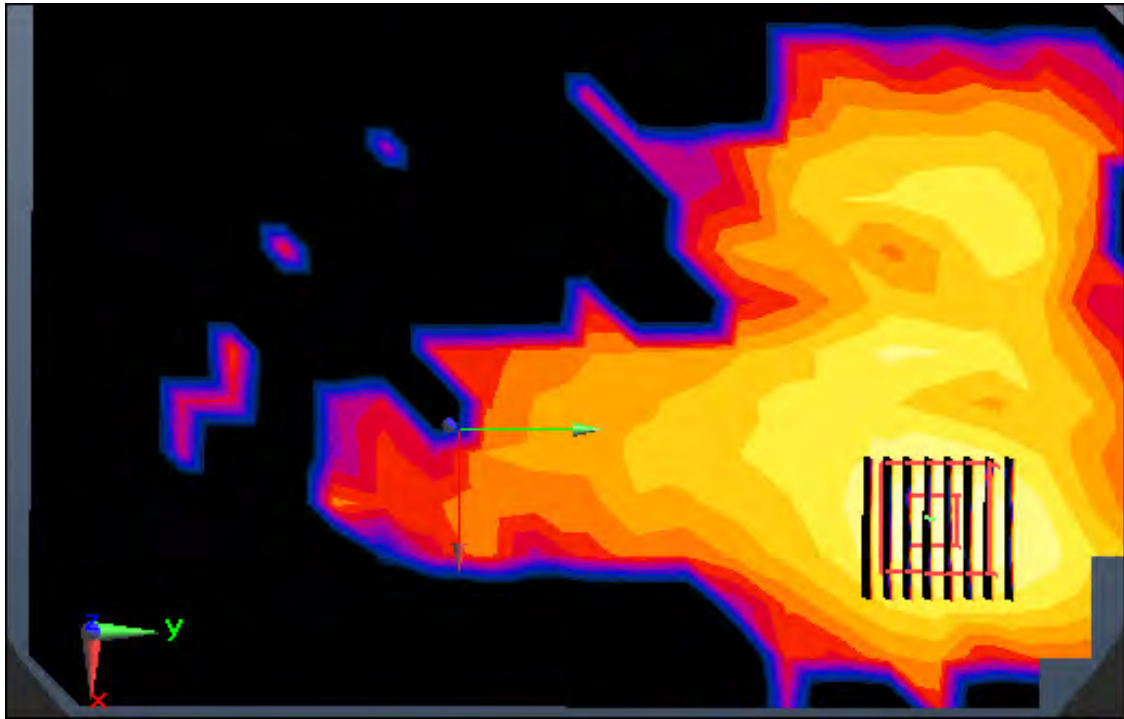
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.038 W/kg



0 dB = 0.278 W/kg



Enlarged Plot for A37

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 5.258 \text{ S/m}$; $\epsilon_r = 50.59$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

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

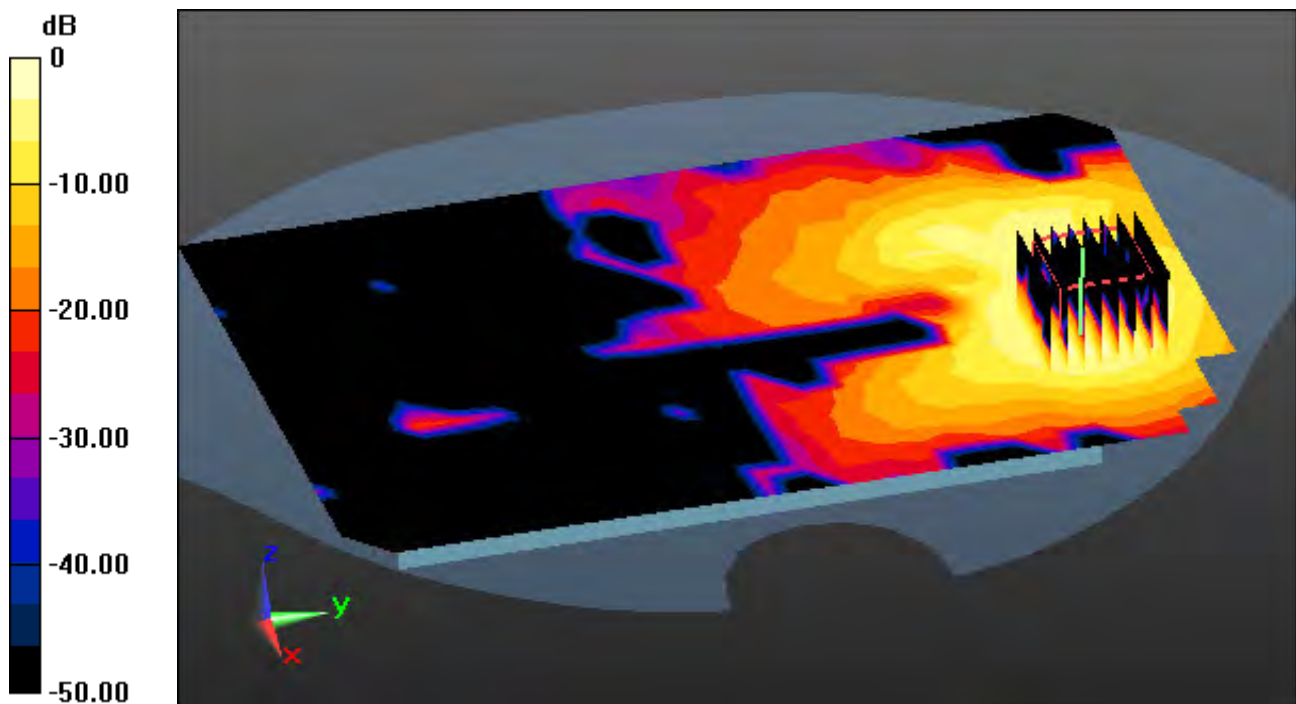
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

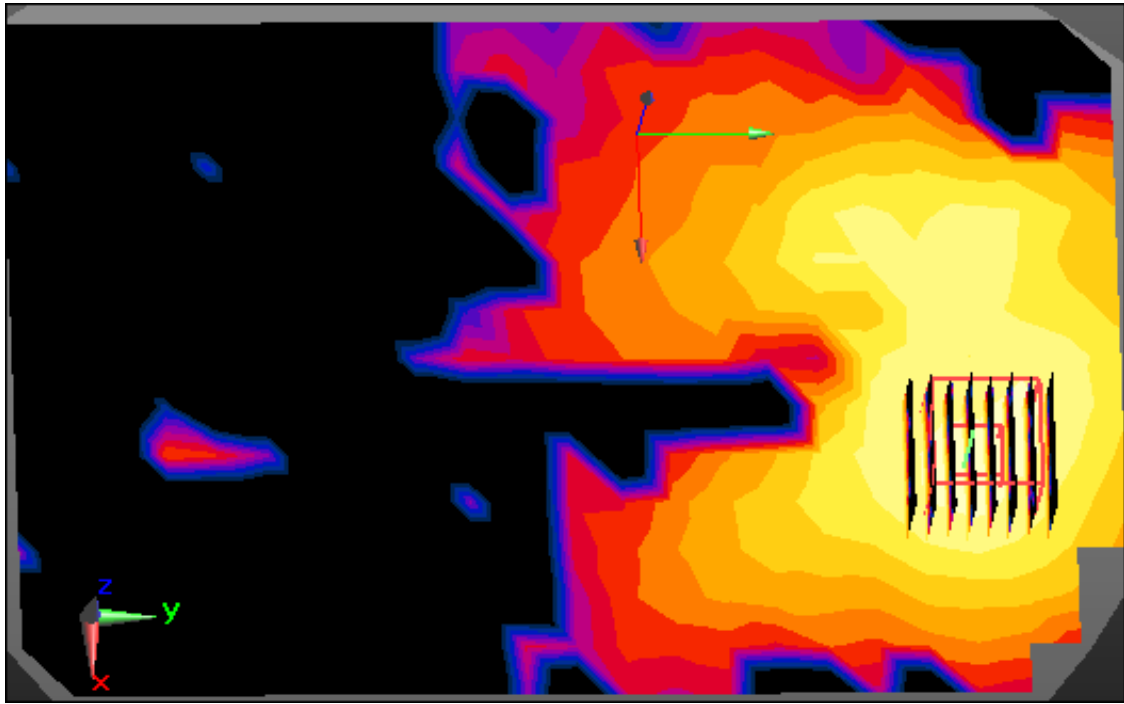
Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.340 W/kg



Enlarged Plot for A38

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 5.258 \text{ S/m}$; $\epsilon_r = 50.59$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

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

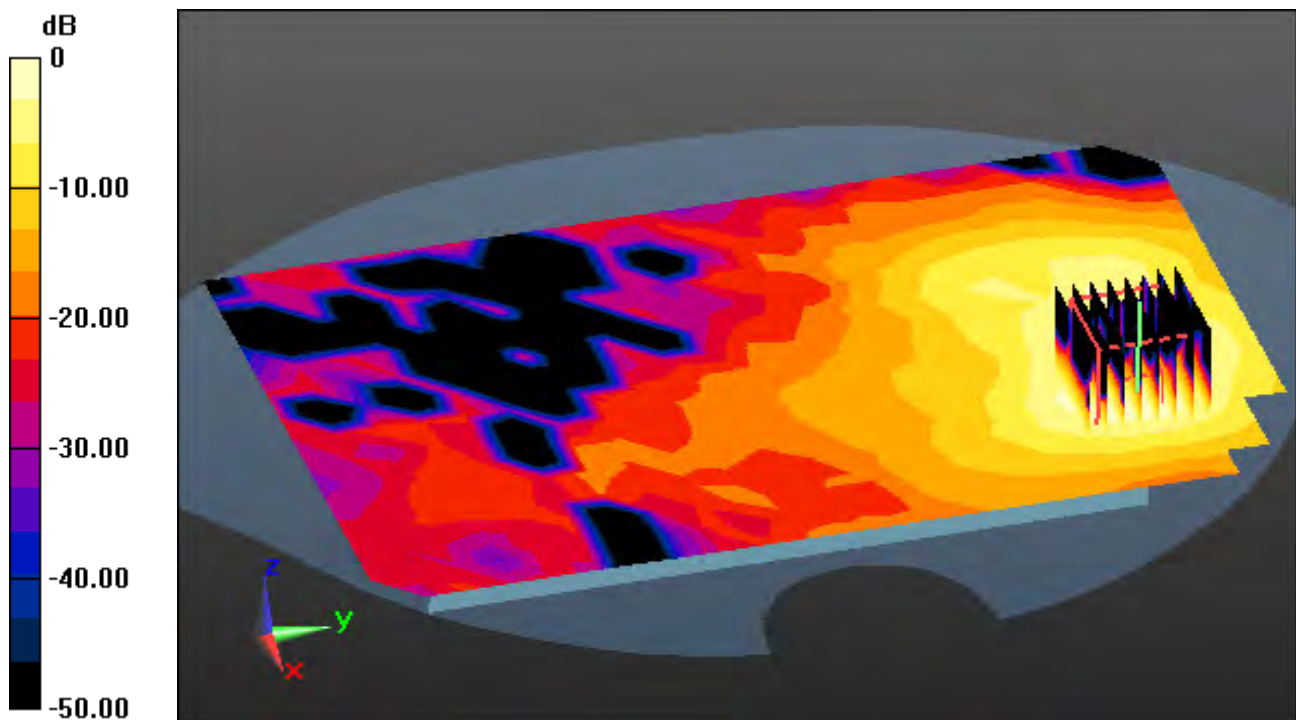
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

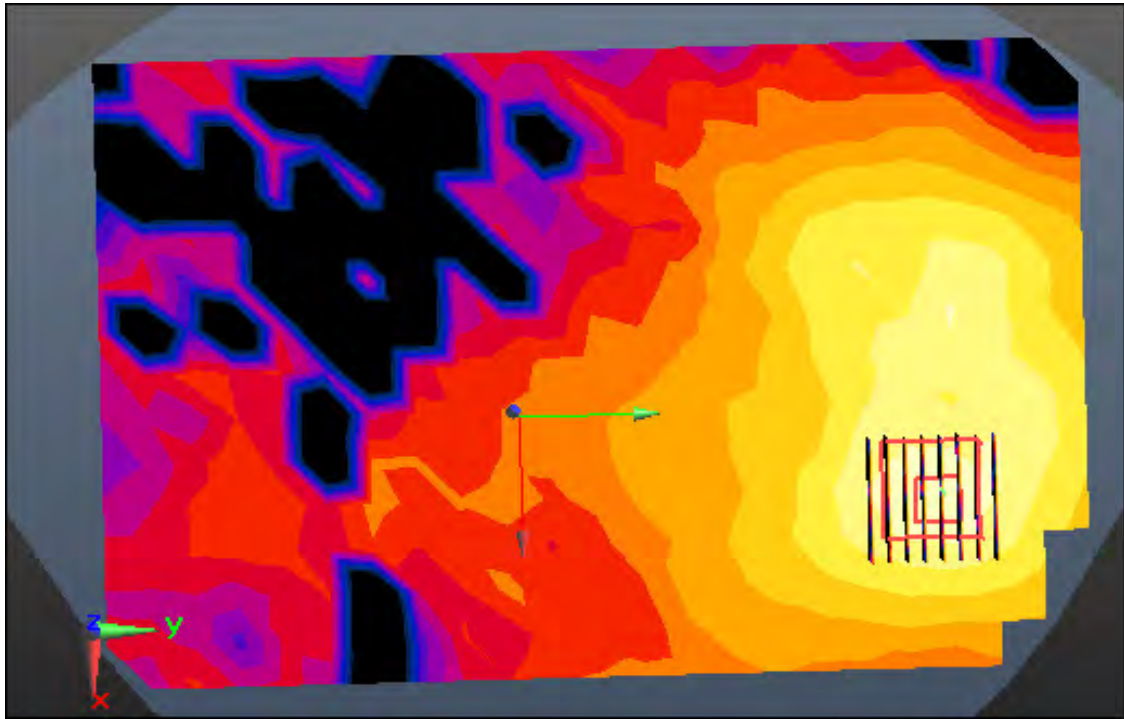
Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.549 W/kg



Enlarged Plot for A39

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.966 \text{ S/m}$; $\epsilon_r = 49.119$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.56, 4.56, 4.56); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

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

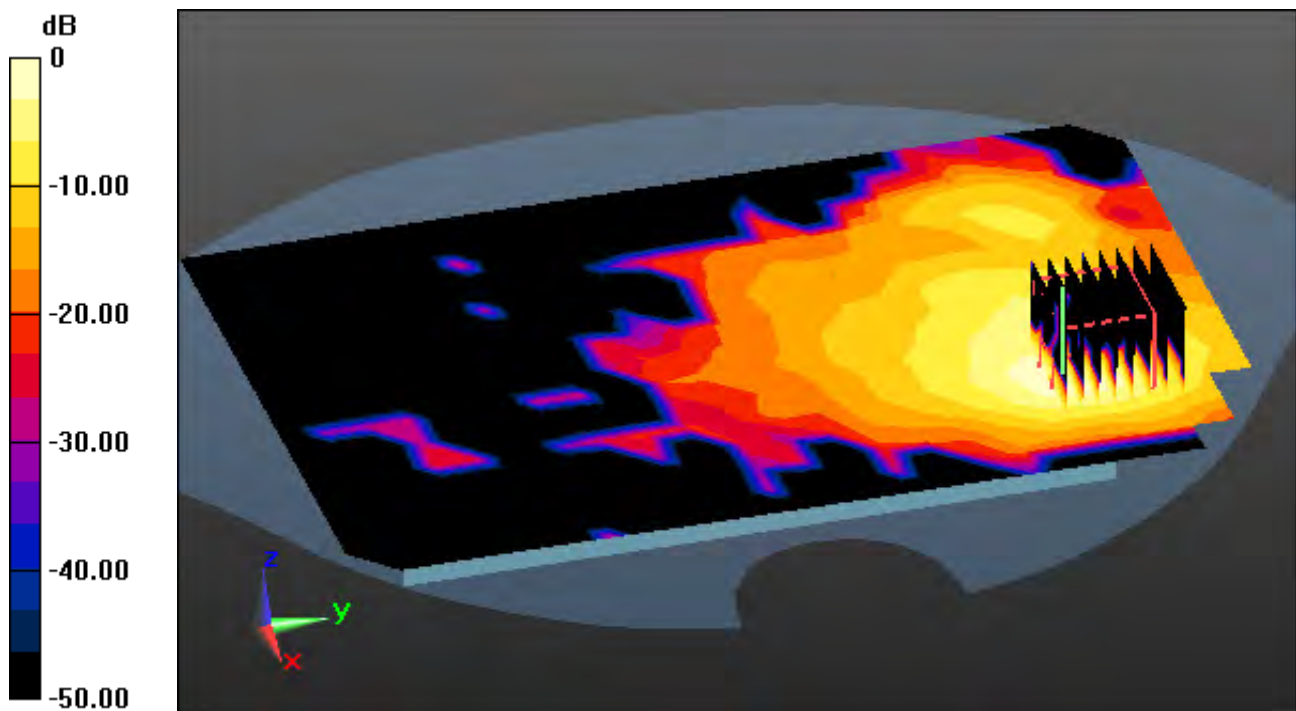
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

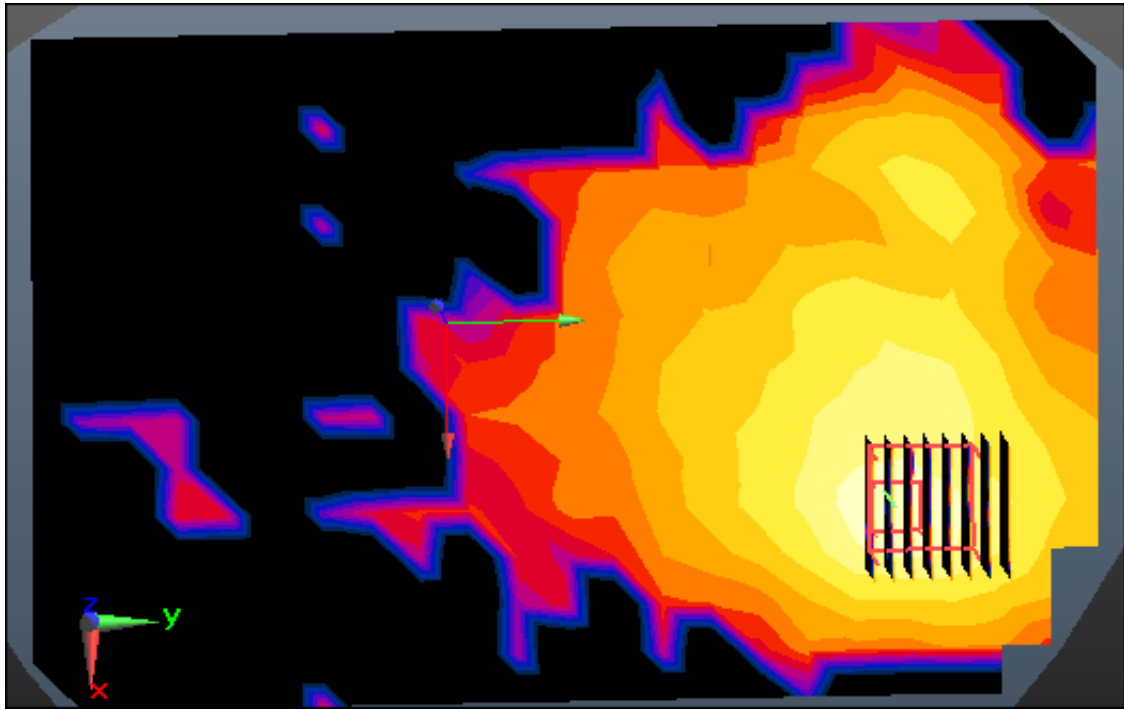
Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.396 W/kg



Enlarged Plot for A40

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.792 \text{ S/m}$; $\epsilon_r = 49.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.44, 4.44, 4.44); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11a) Ch. 120, Ant Internal, Ant.2

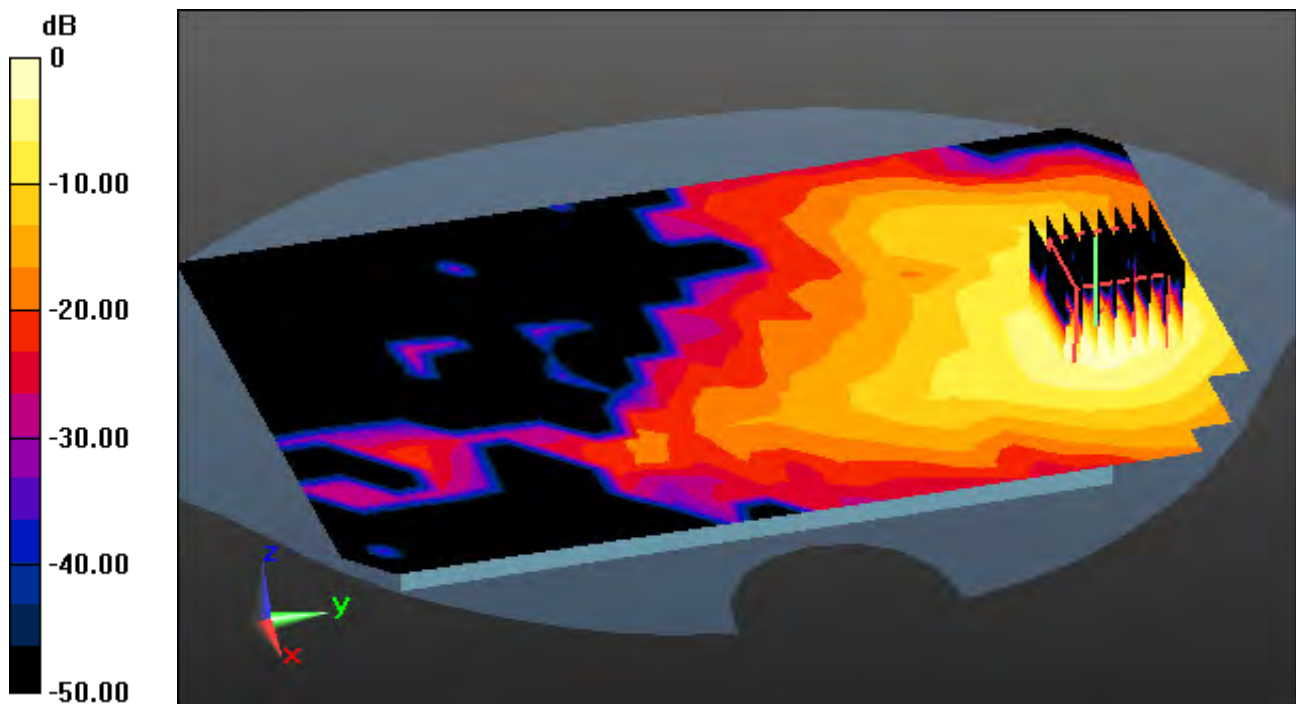
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

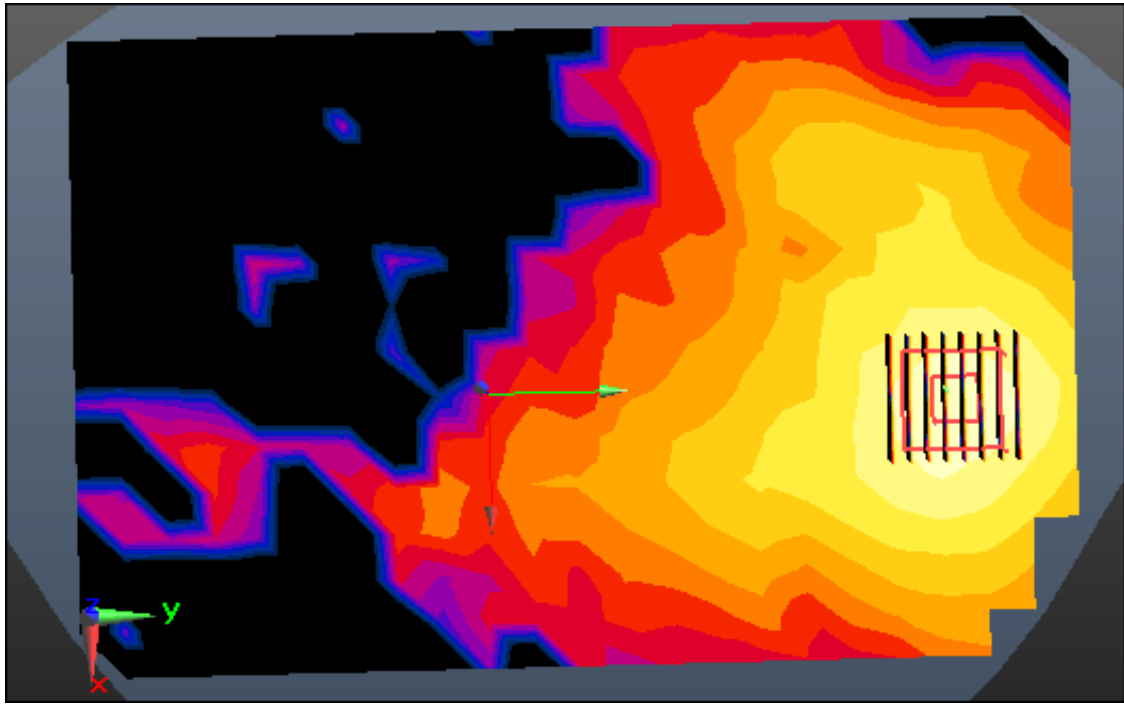
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.111 W/kg



0 dB = 0.830 W/kg



Enlarged Plot for A41

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.792 \text{ S/m}$; $\epsilon_r = 49.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.44, 4.44, 4.44); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

1 cm space from Body, Rear, WLAN(802.11a) Ch. 120, Ant Internal, MIMO

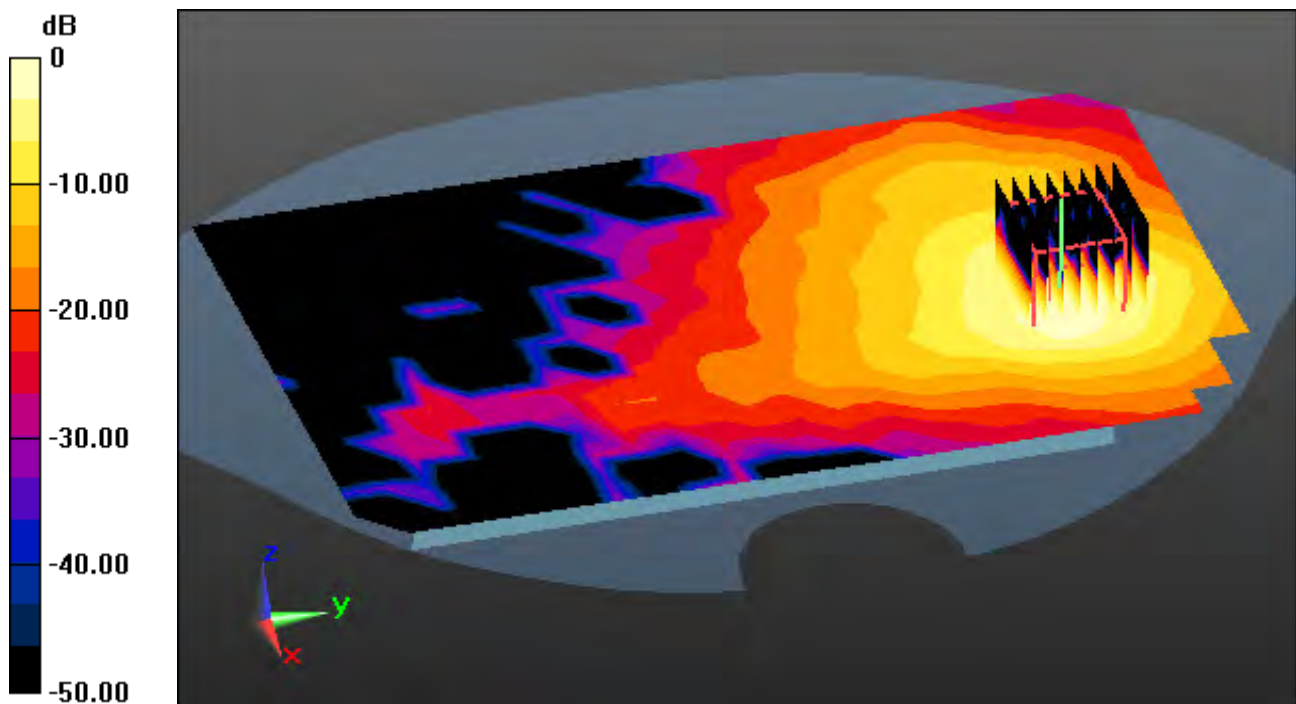
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

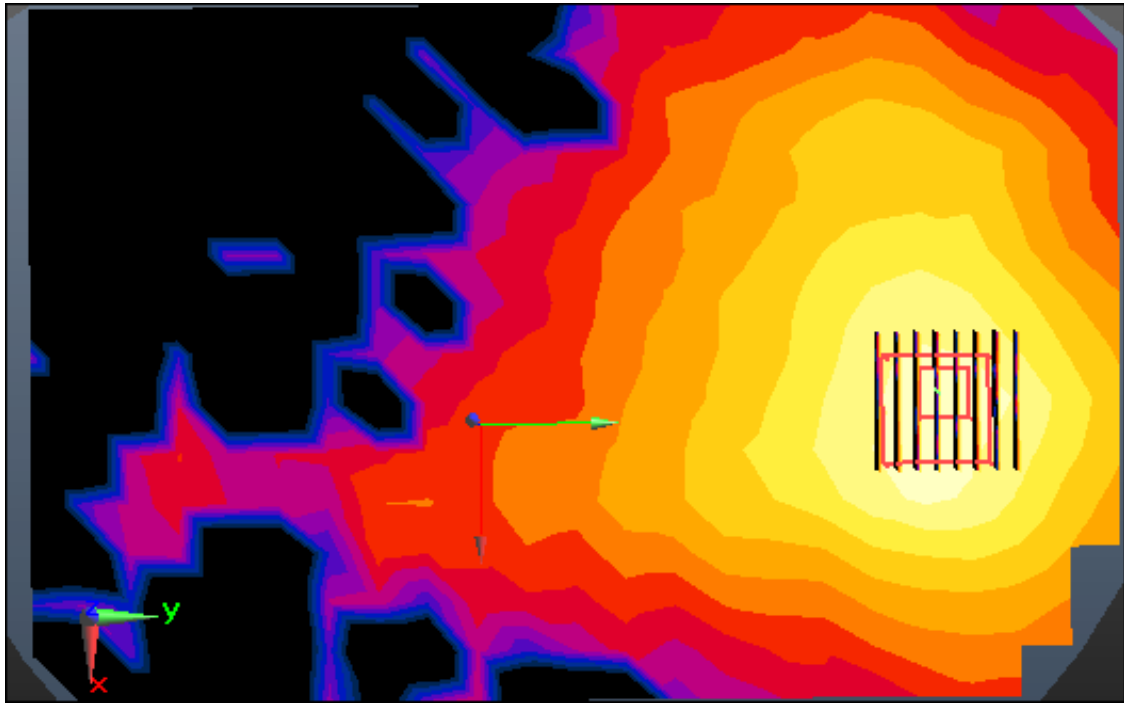
Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.141 W/kg



0 dB = 1.05 W/kg



Enlarged Plot for A42

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.007 \text{ S/m}$; $\epsilon_r = 49.894$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

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

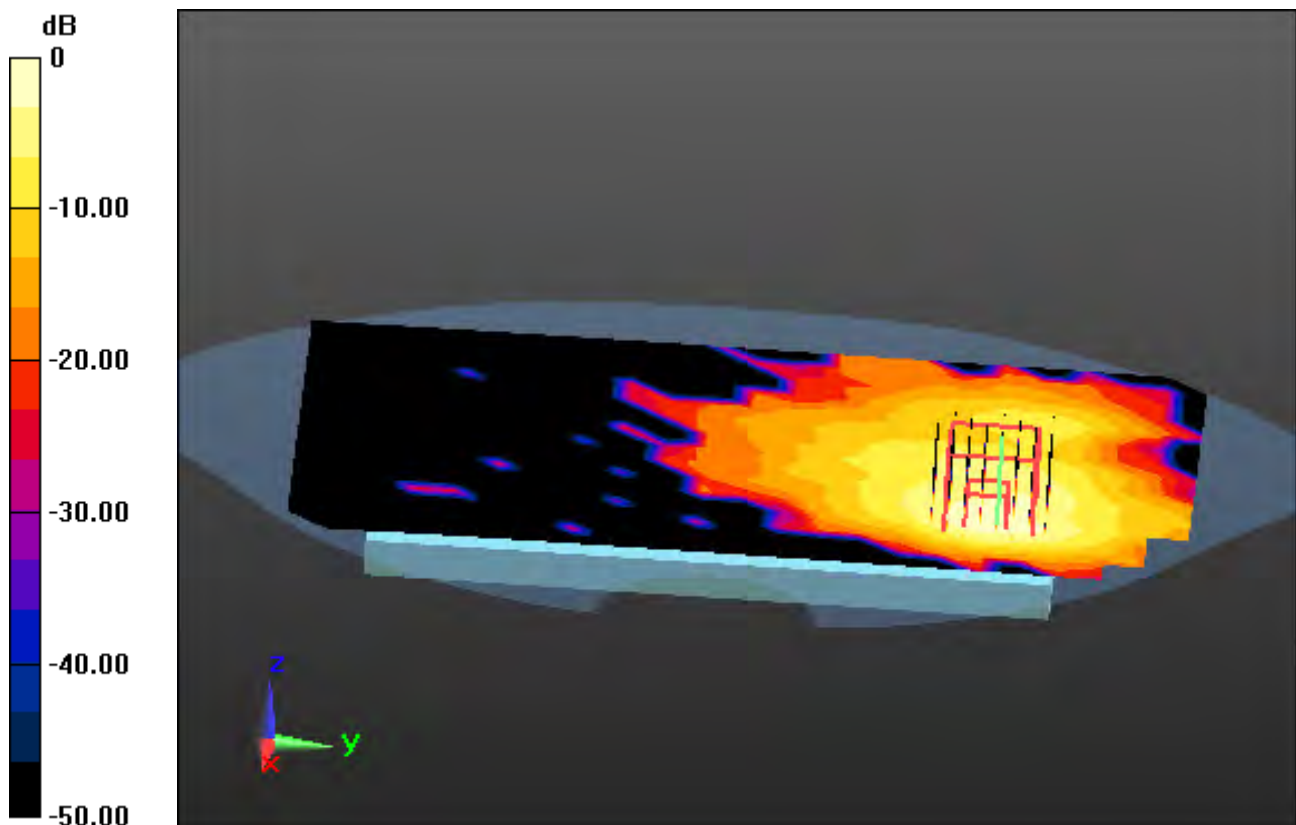
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

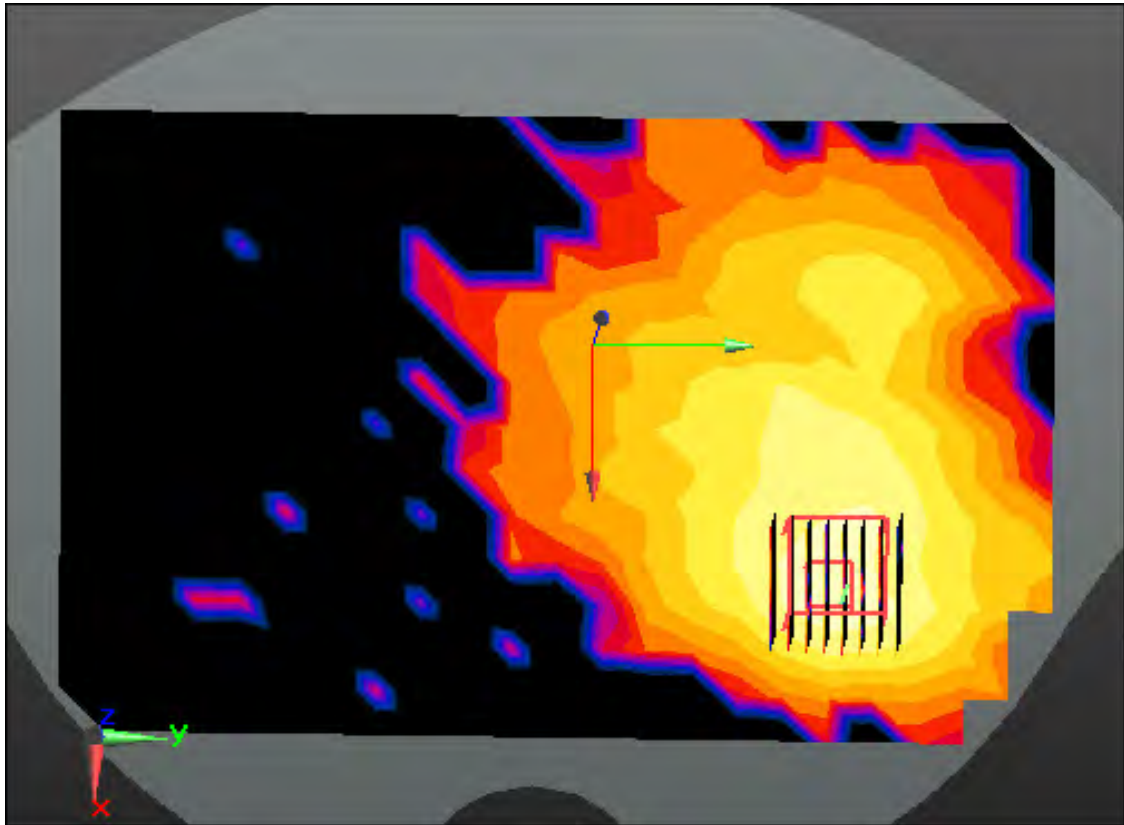
Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.350 W/kg



Enlarged Plot for A43

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.086 \text{ S/m}$; $\epsilon_r = 49.877$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

1 cm space from Body, Rear, WLAN(802.11a) Ch. 165, Ant Internal, Ant.2

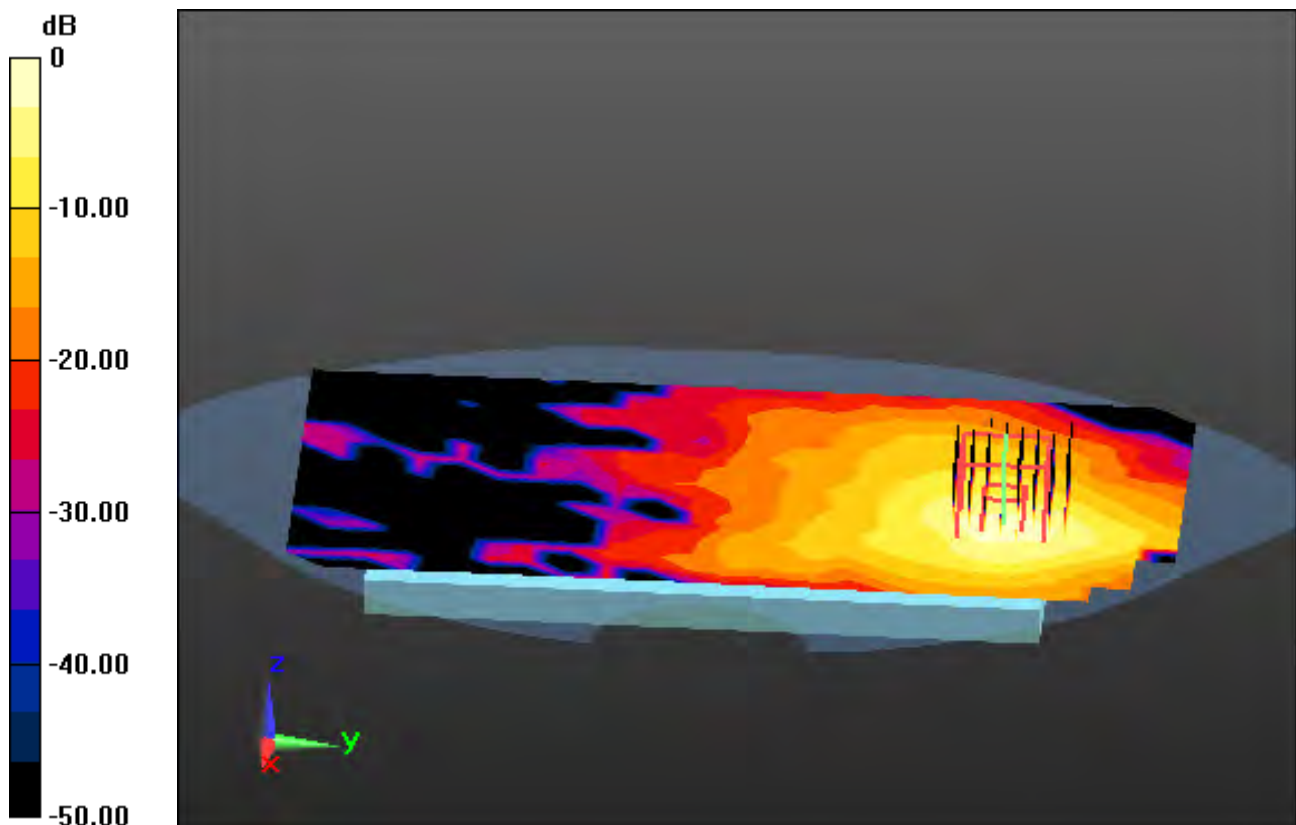
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

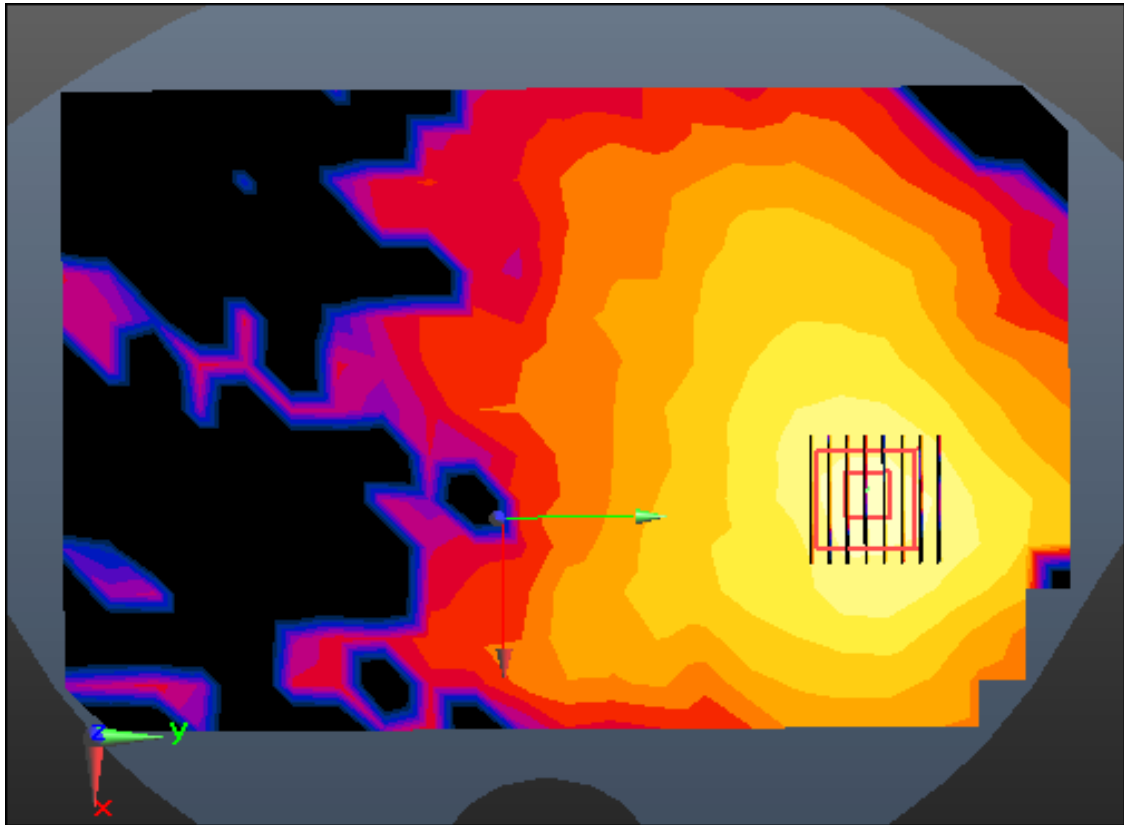
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.136 W/kg



0 dB = 1.05 W/kg



Enlarged Plot for A44

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.937 \text{ S/m}$; $\epsilon_r = 50.112$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

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

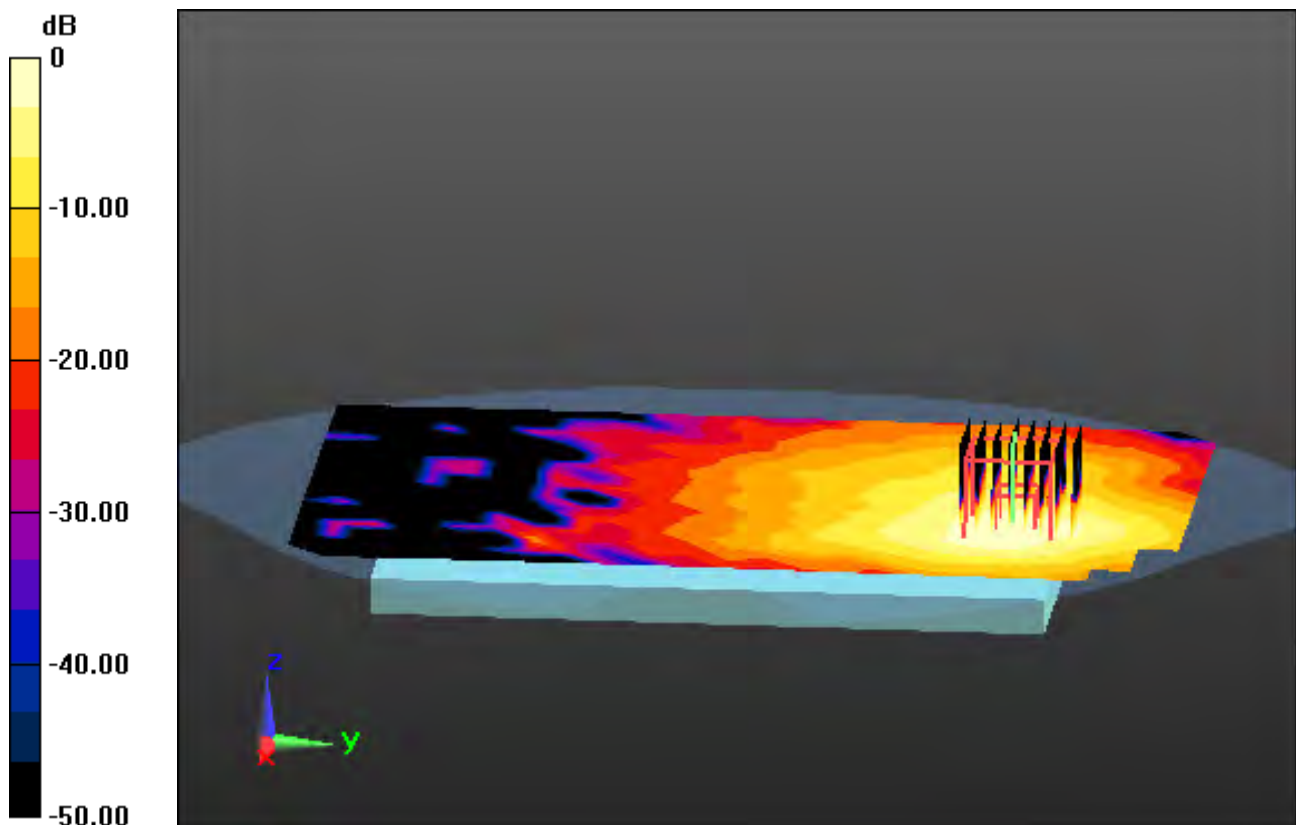
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

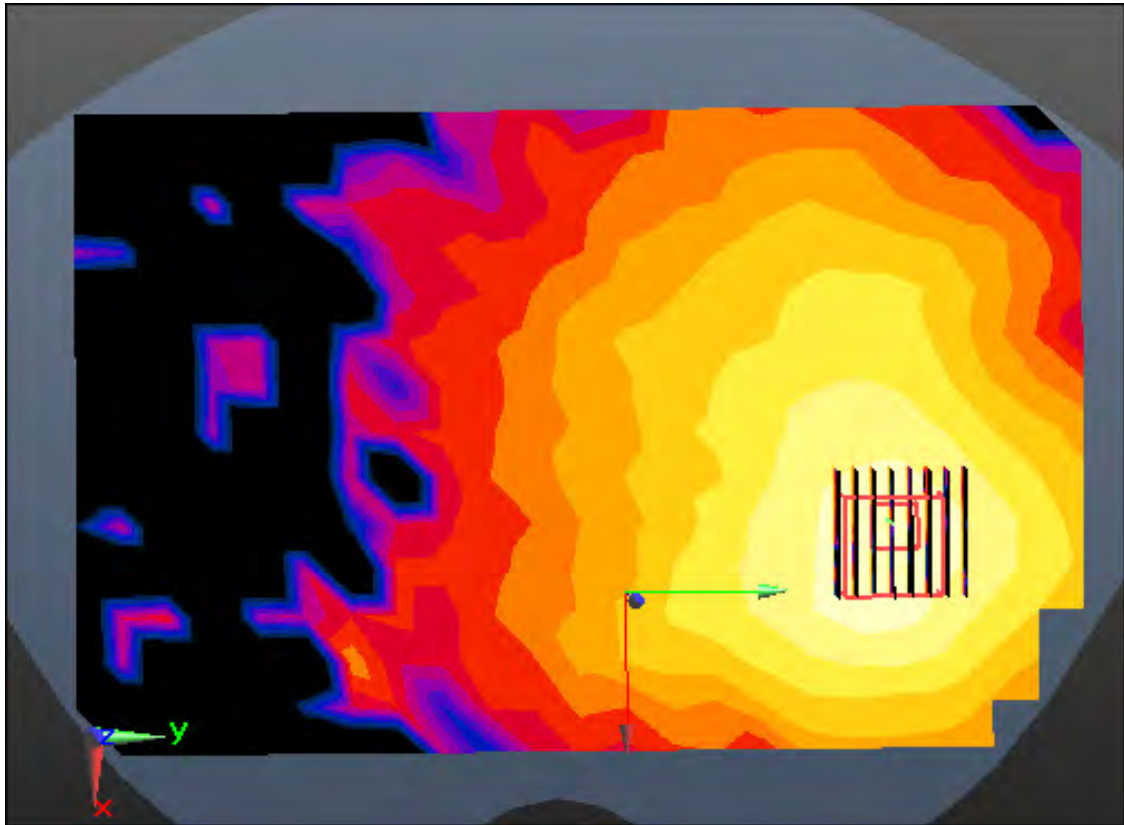
Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.130 W/kg



0 dB = 0.848 W/kg



Enlarged Plot for A45

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.913 \text{ S/m}$; $\epsilon_r = 51.016$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

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

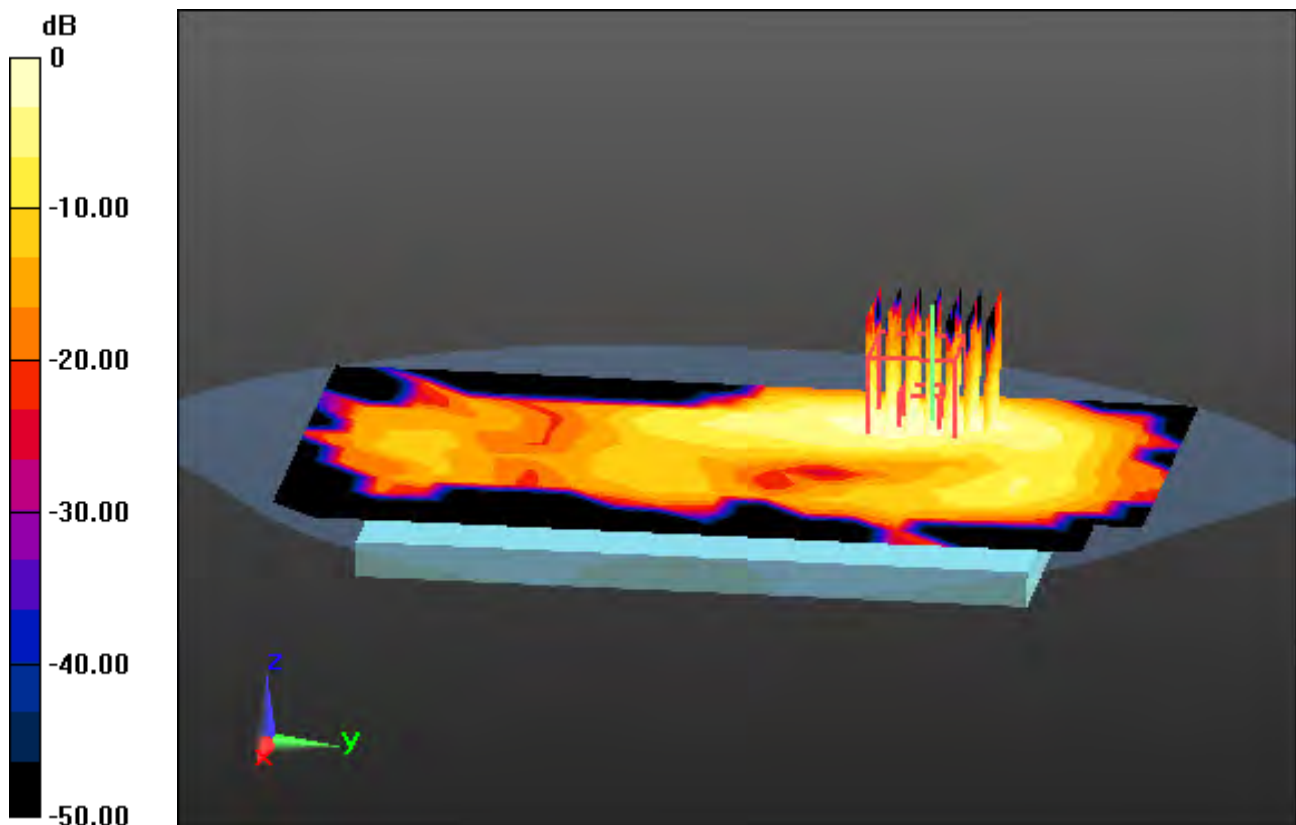
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

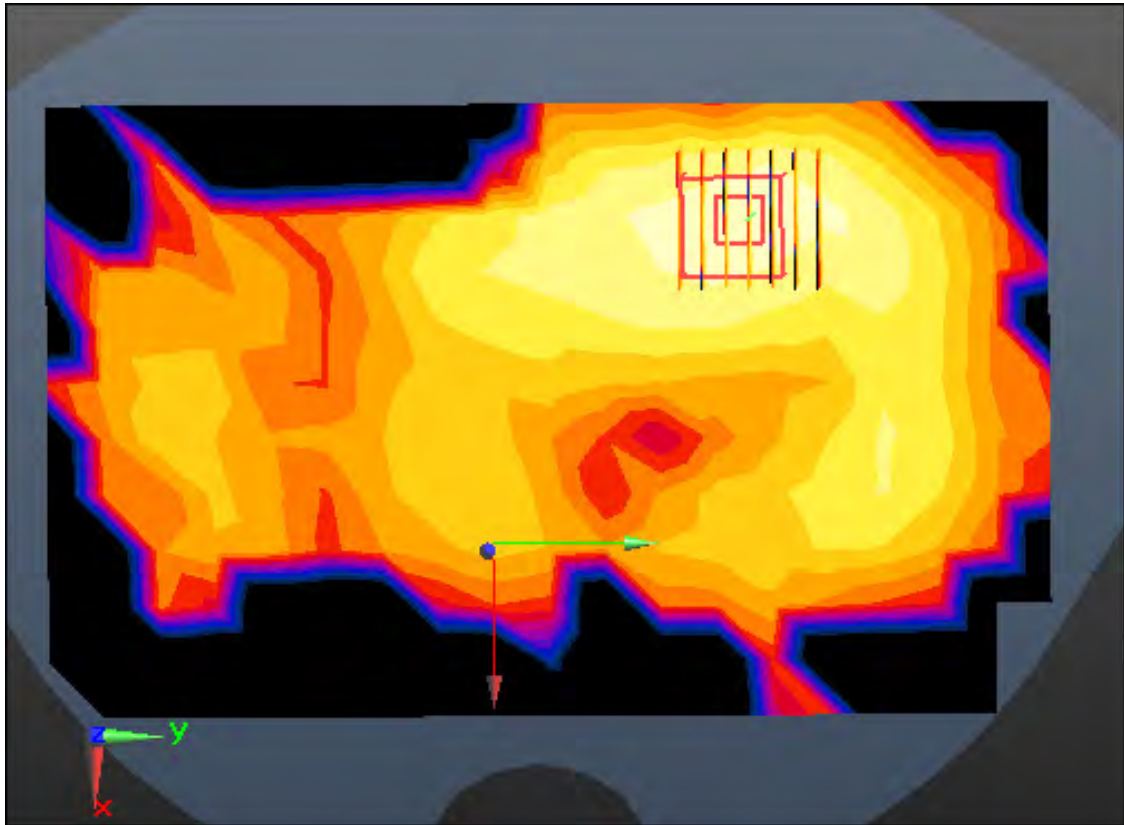
Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0478 W/kg



Enlarged Plot for A46

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar;

Communication System: UID 0, PCS1900_3 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 52.625$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019 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 14.6.13 (7474)

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

1 cm space from Body, Bottom, PCS1900 GPRS 3 Tx Ch. 661, Ant Internal

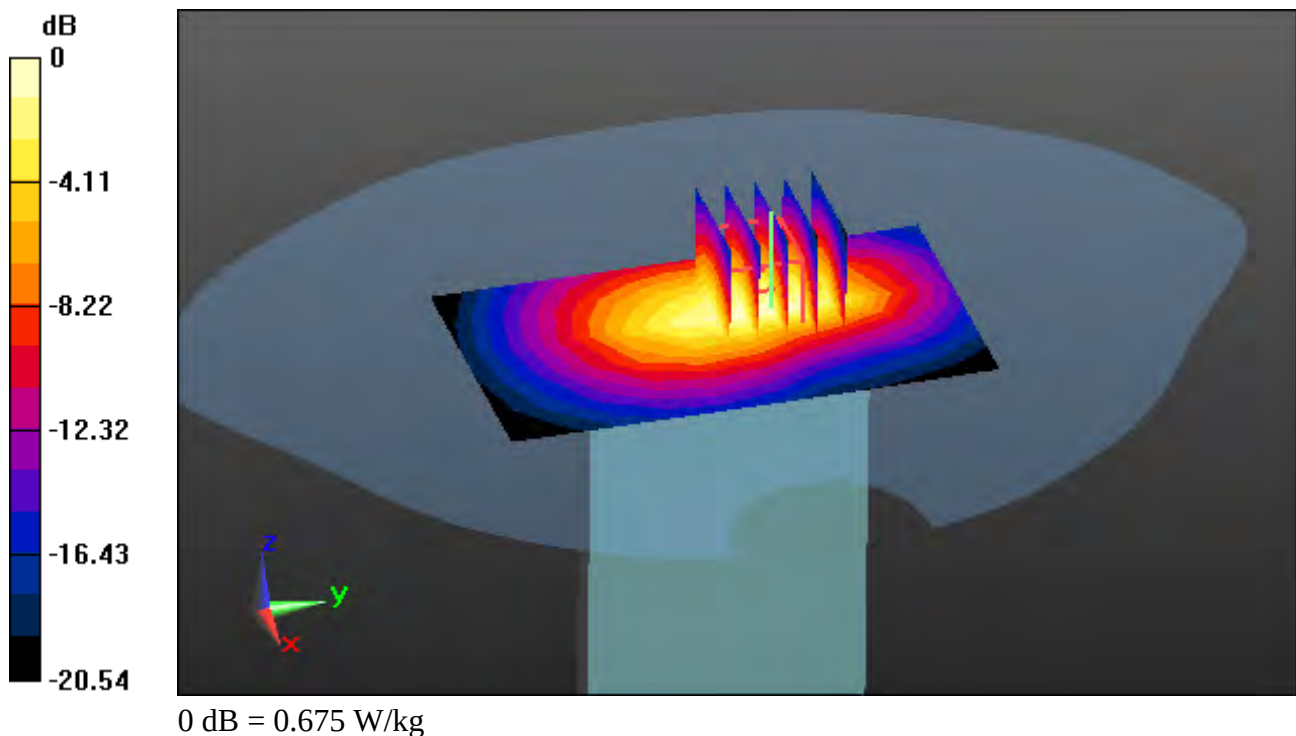
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

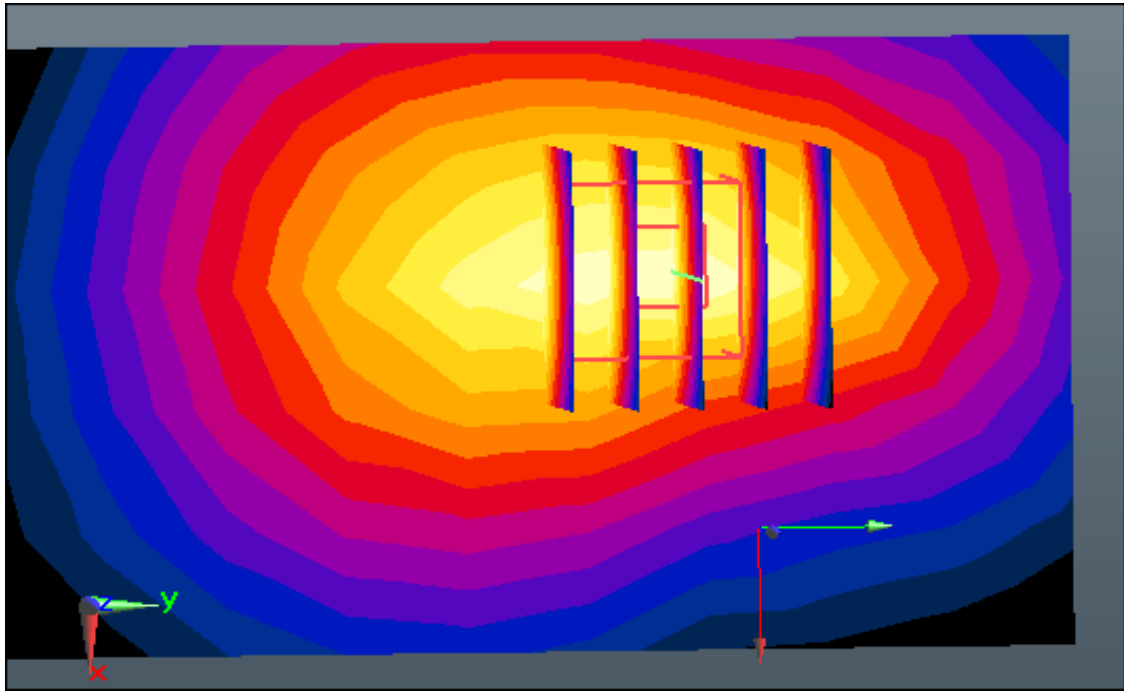
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.251 W/kg





Enlarged Plot for A47

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.48$ S/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

1 cm space from Body, Bottom, WCDMA Band 2 Ch. 9262, Ant Internal

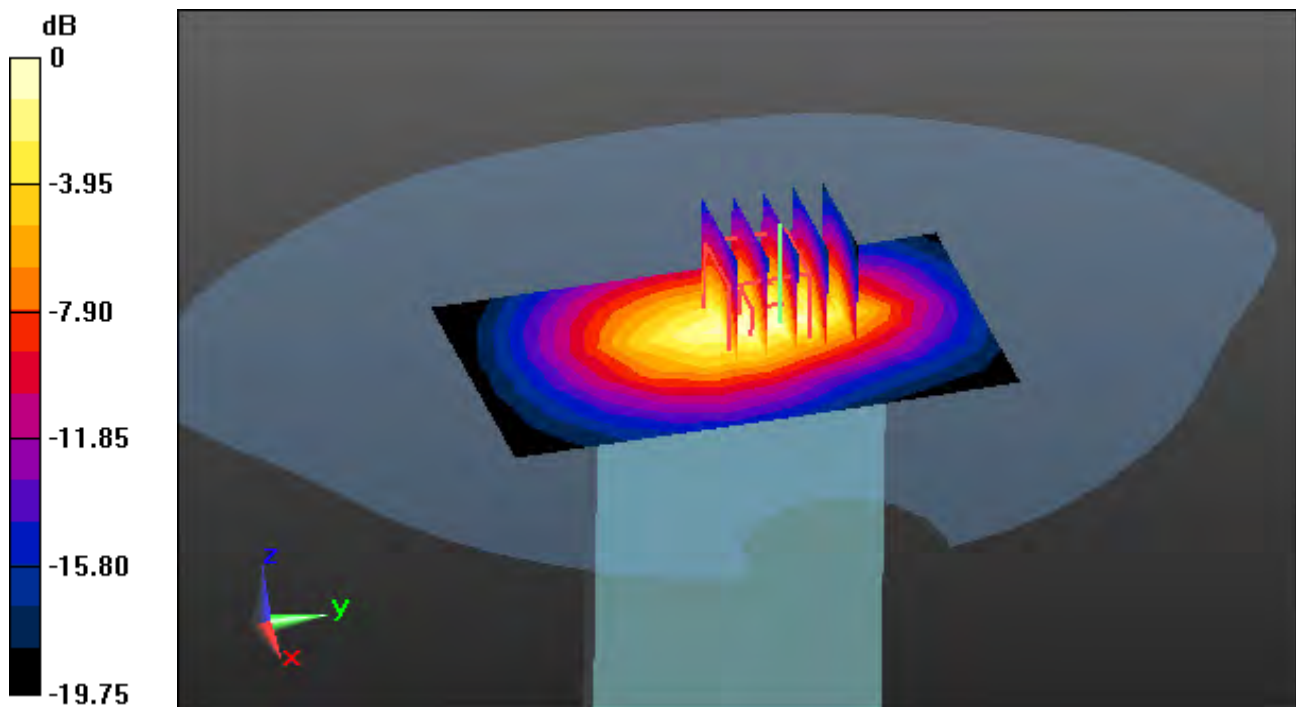
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

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

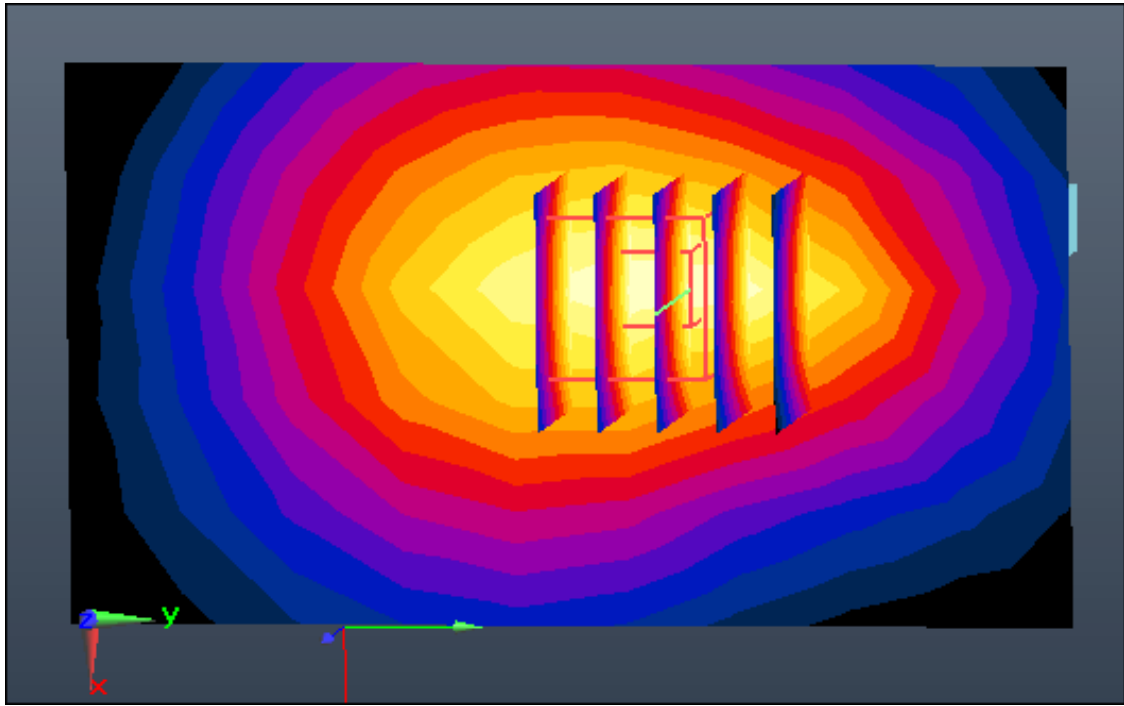
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.472 W/kg



0 dB = 1.20 W/kg



Enlarged Plot for A48

DT&C Co., Ltd.

DUT: LM-V600EA; 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; $\sigma = 1.512$ S/m; $\epsilon_r = 52.459$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.65, 8.65, 8.65); Calibrated: 11/27/2019; 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: 2020-01-02; Ambient Temp: 21.0; Tissue Temp: 21.1

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

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

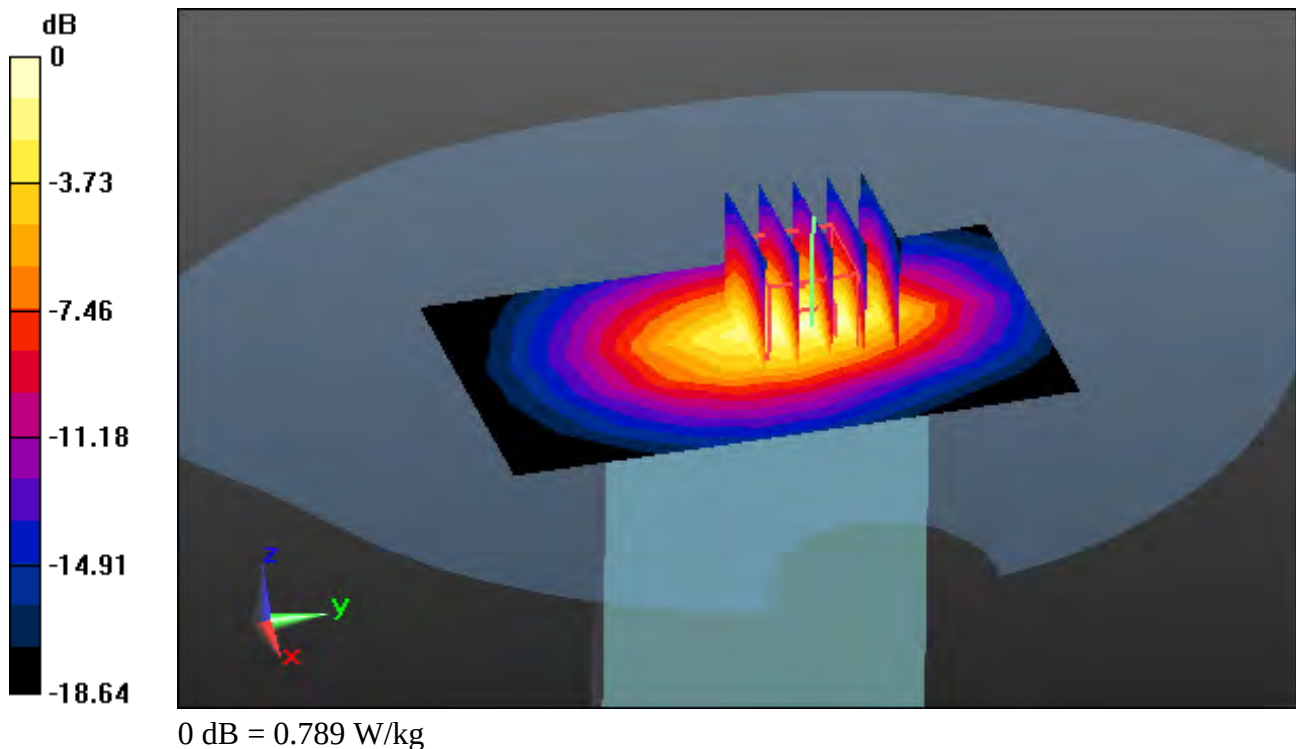
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

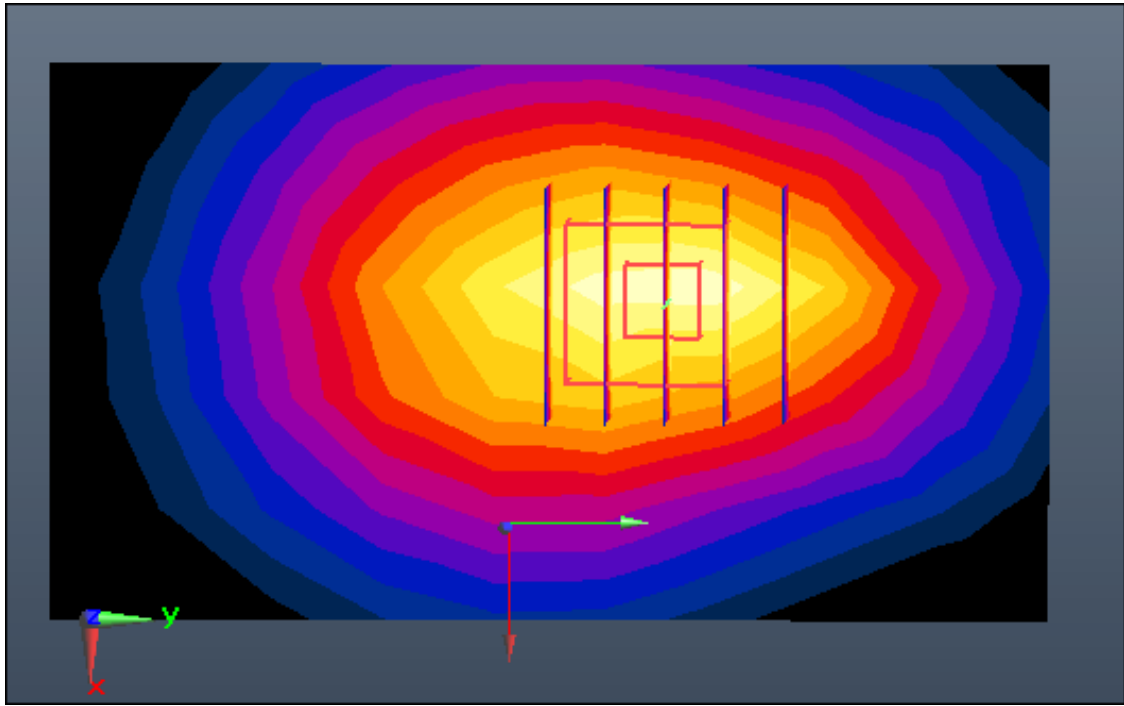
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.305 W/kg





Enlarged Plot for A49

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.487$ S/m; $\epsilon_r = 52.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.34, 8.34, 8.34); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-12-30; Ambient Temp: 21.2; Tissue Temp: 21.2

1 cm space from Body, Bottom, LTE Band 2 Ch. 18700, Ant Internal

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

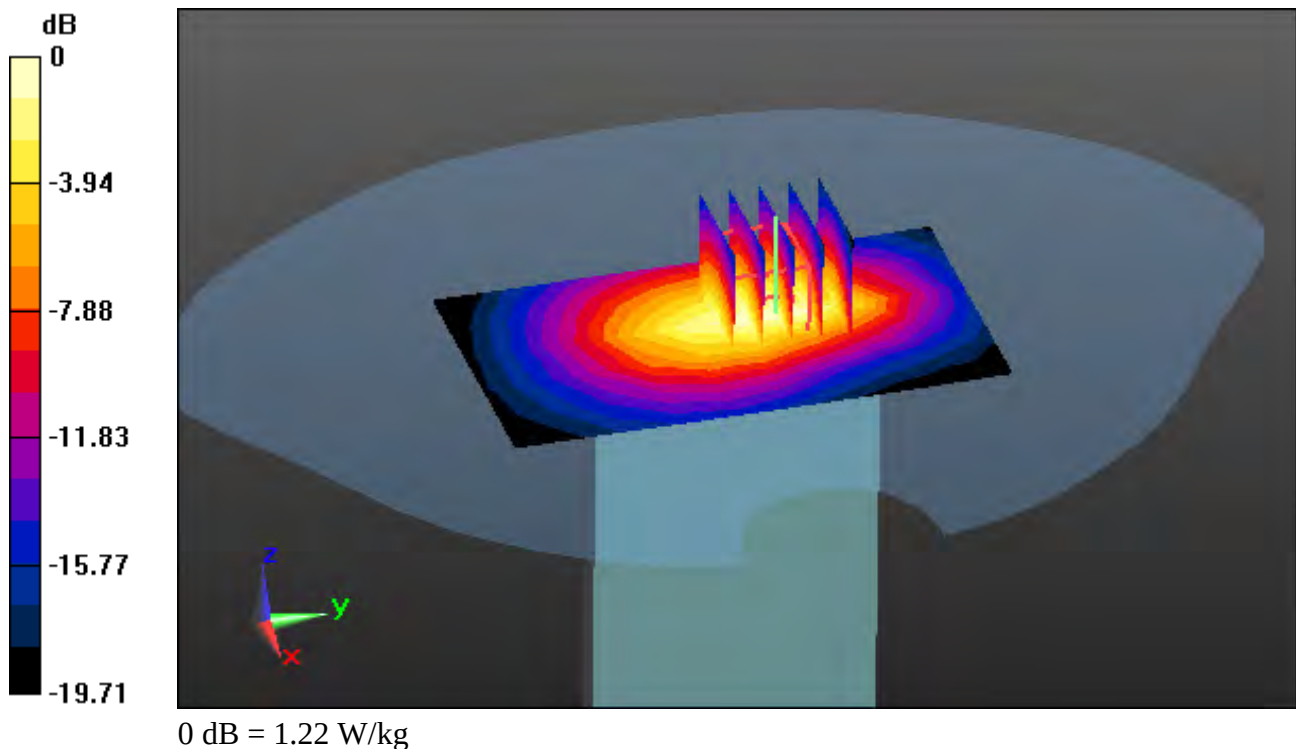
Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

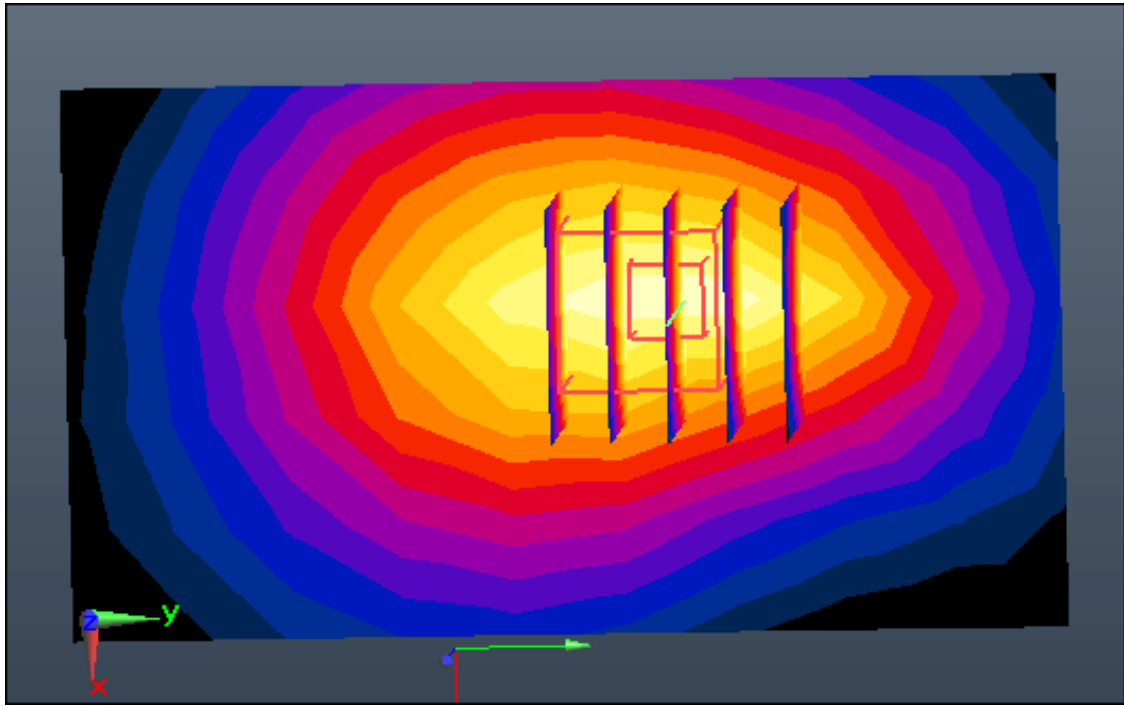
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.466 W/kg





Enlarged Plot for A50

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.937 \text{ S/m}$; $\epsilon_r = 50.968$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

1 cm space from Body, Left, WLAN(802.11b) Ch. 11, Ant Internal, Ant.1

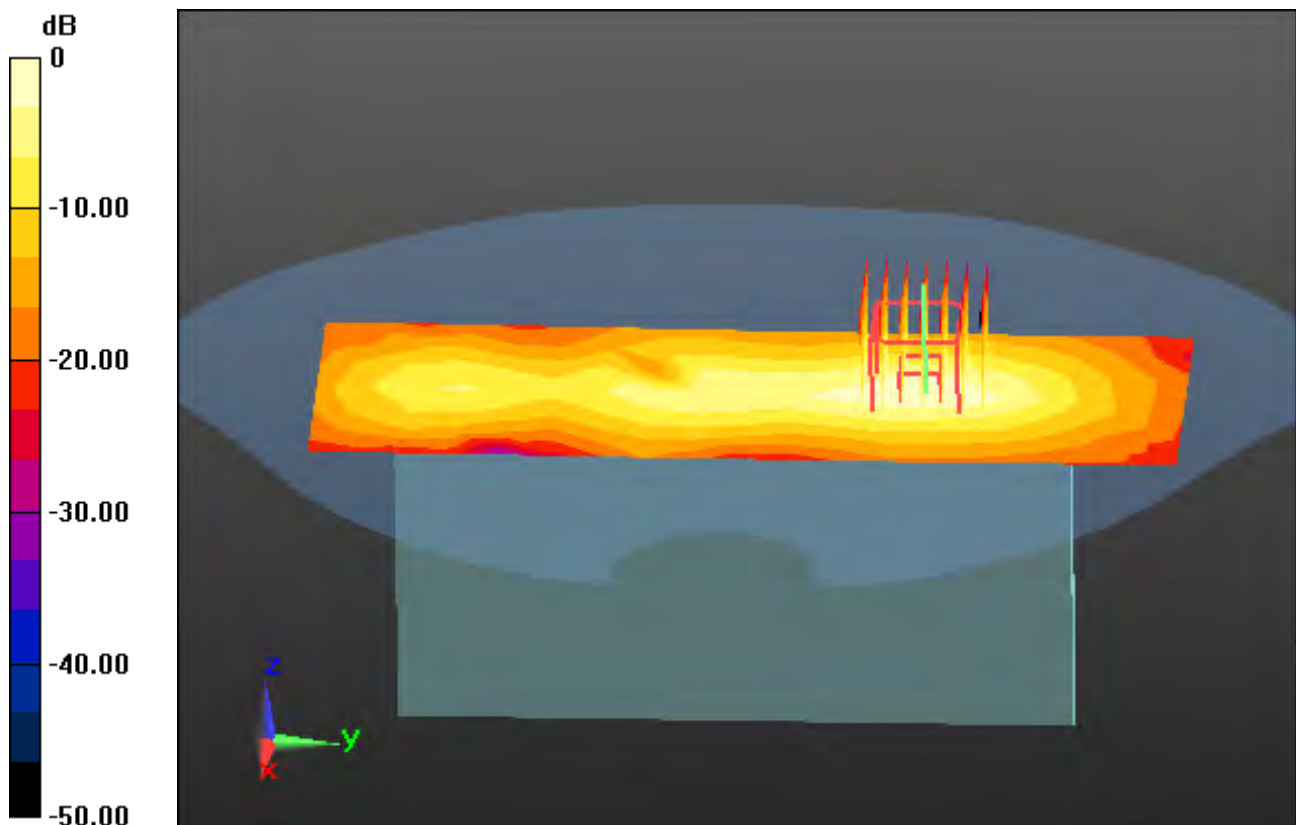
Area Scan (7x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

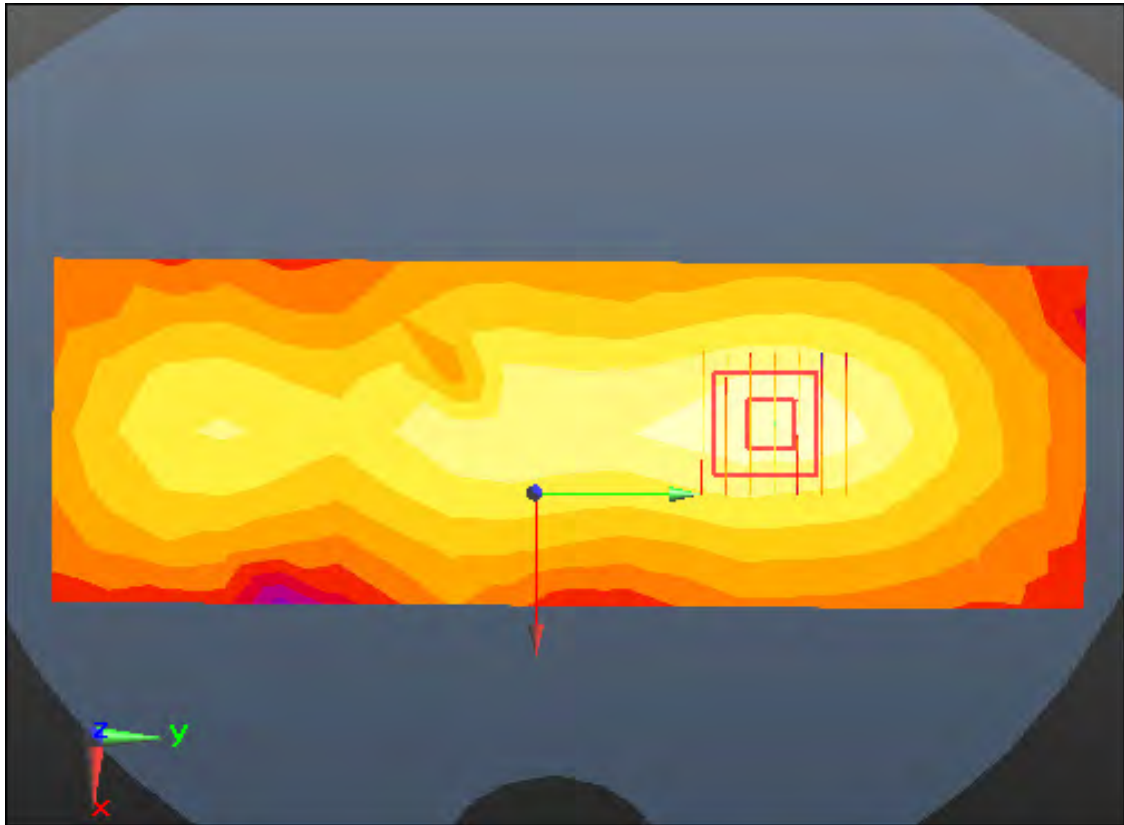
Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.073 W/kg



0 dB = 0.237 W/kg



Enlarged Plot for A51

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.937 \text{ S/m}$; $\epsilon_r = 50.968$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

1 cm space from Body, Top, WLAN(802.11b) Ch. 11, Ant Internal, Ant.2

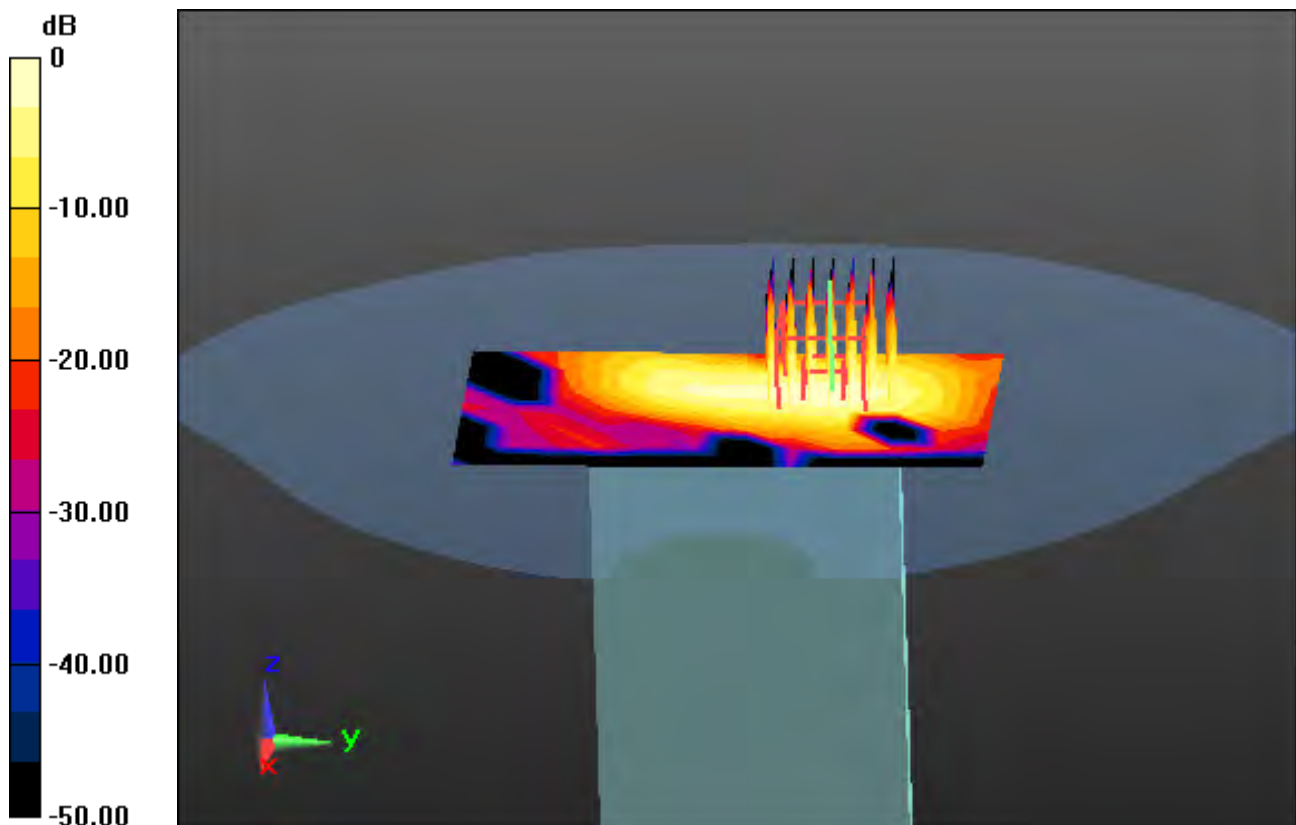
Area Scan (7x12x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

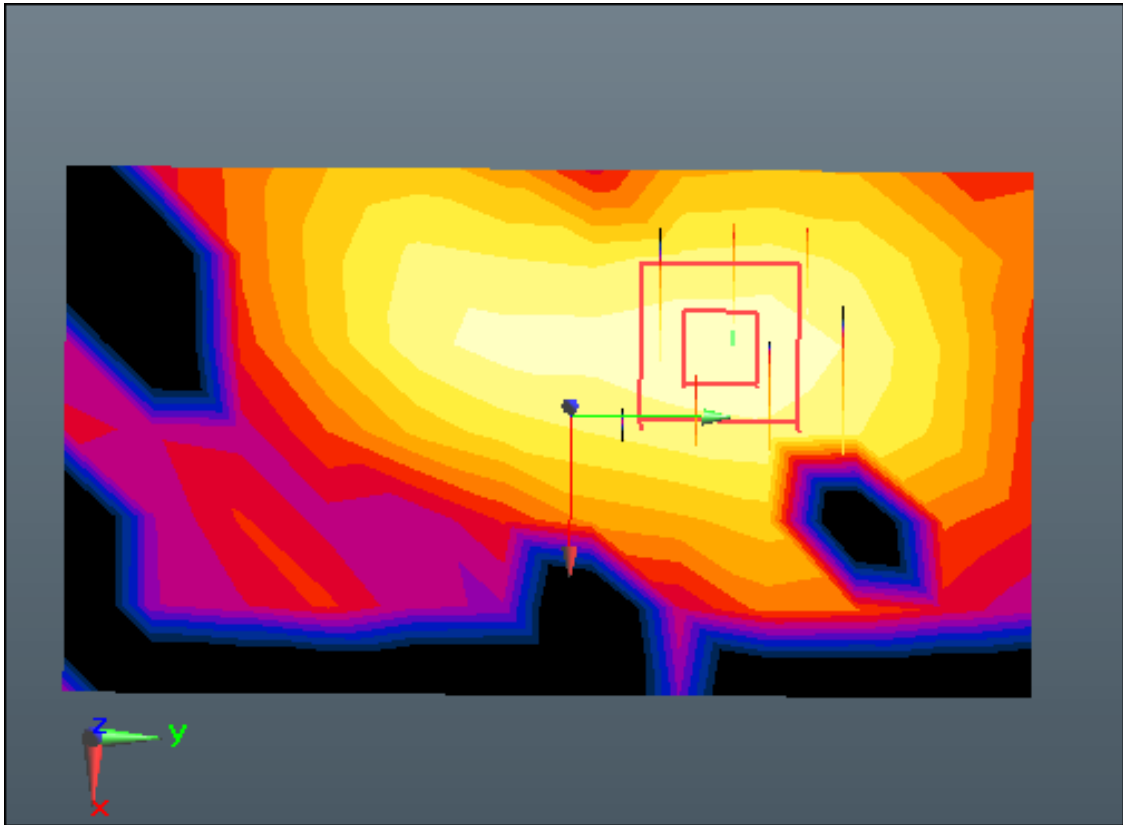
Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.032 W/kg



0 dB = 0.101 W/kg



Enlarged Plot for A52

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.909 \text{ S/m}$; $\epsilon_r = 51.026$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

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

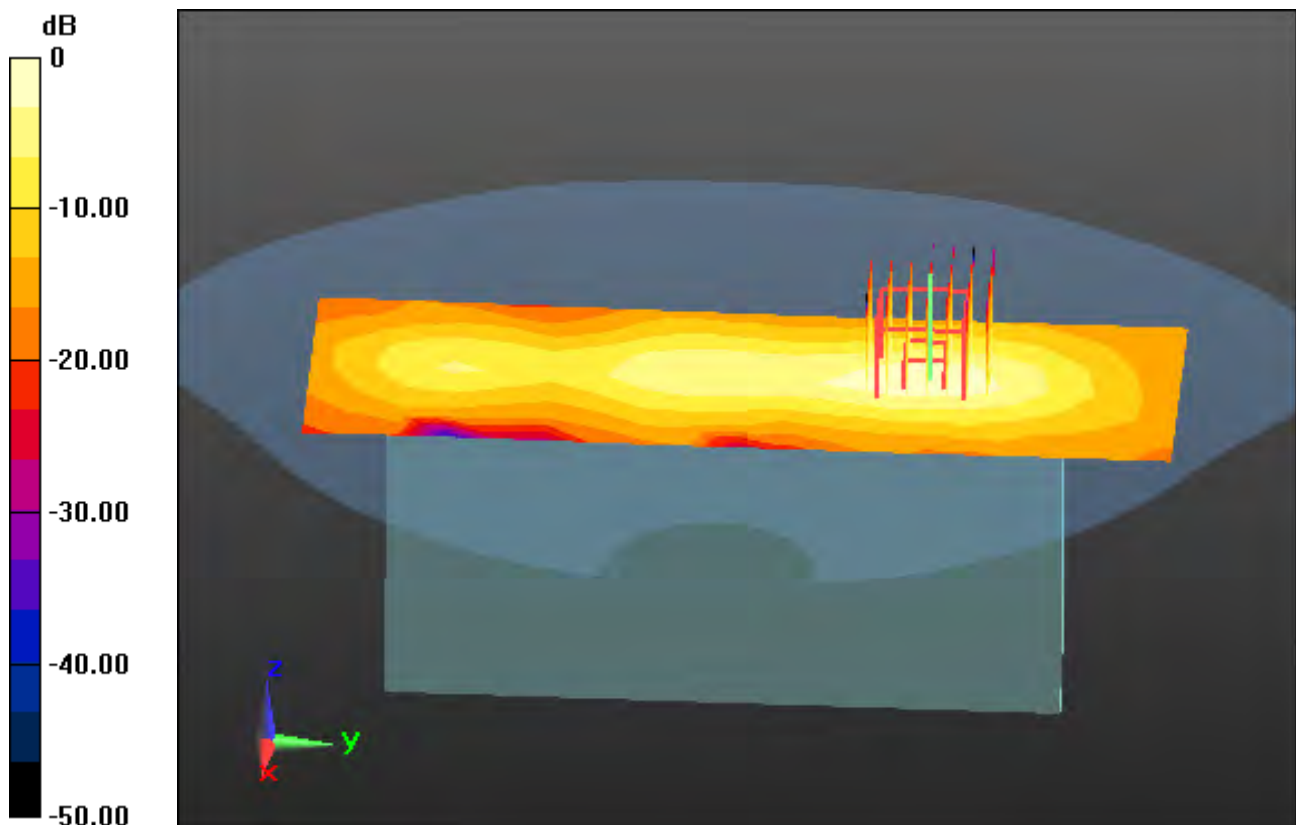
Area Scan (7x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

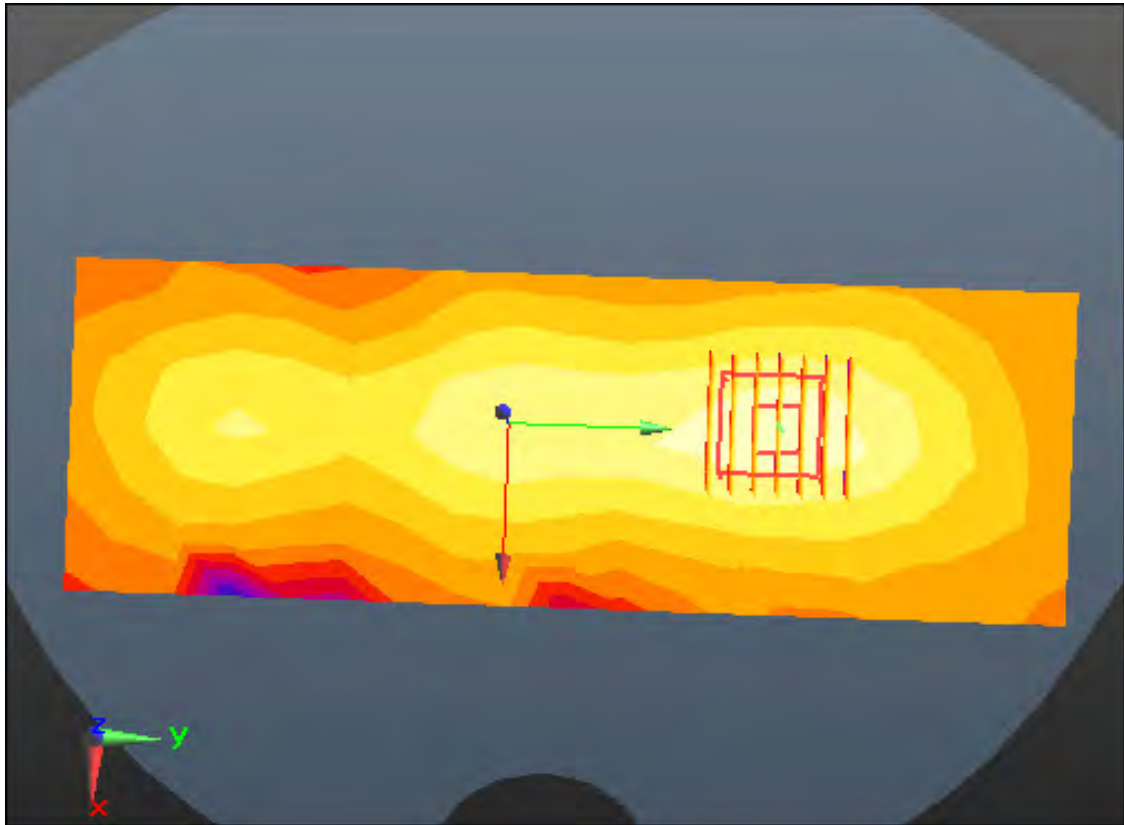
Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.245 W/kg



Enlarged Plot for A53

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.176 \text{ S/m}$; $\epsilon_r = 50.748$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.31, 5.31, 5.31); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

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

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

1 cm space from Body, Rear, WLAN(802.11a) Ch. 40, Ant Internal, Ant.1

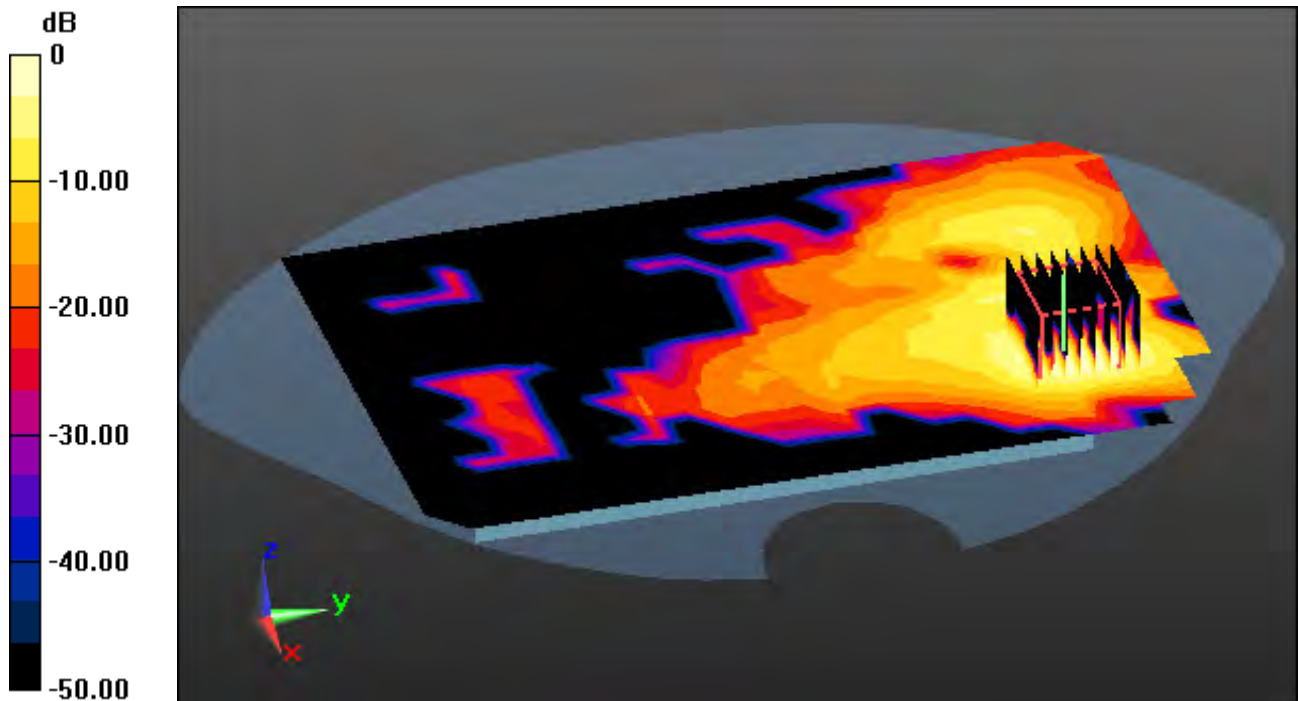
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

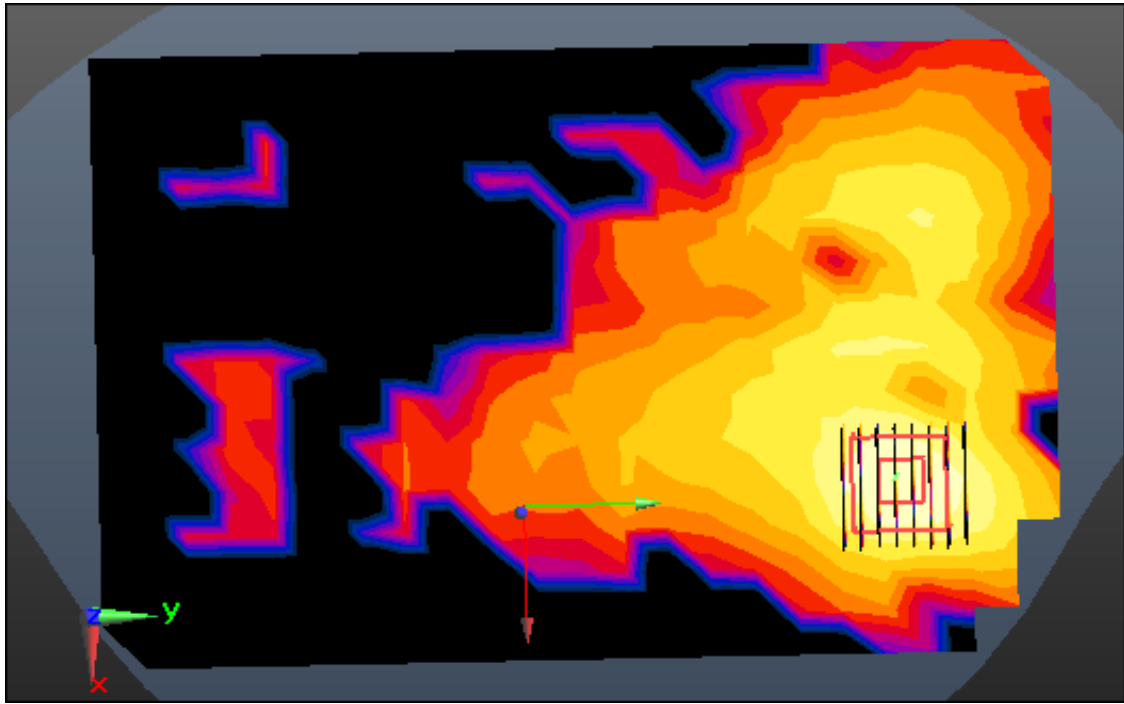
Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.274 W/kg



Enlarged Plot for A54

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 5.229 \text{ S/m}$; $\epsilon_r = 50.65$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.31, 5.31, 5.31); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

1 cm space from Body, Rear, WLAN(802.11a) Ch. 48, Ant Internal, Ant.2

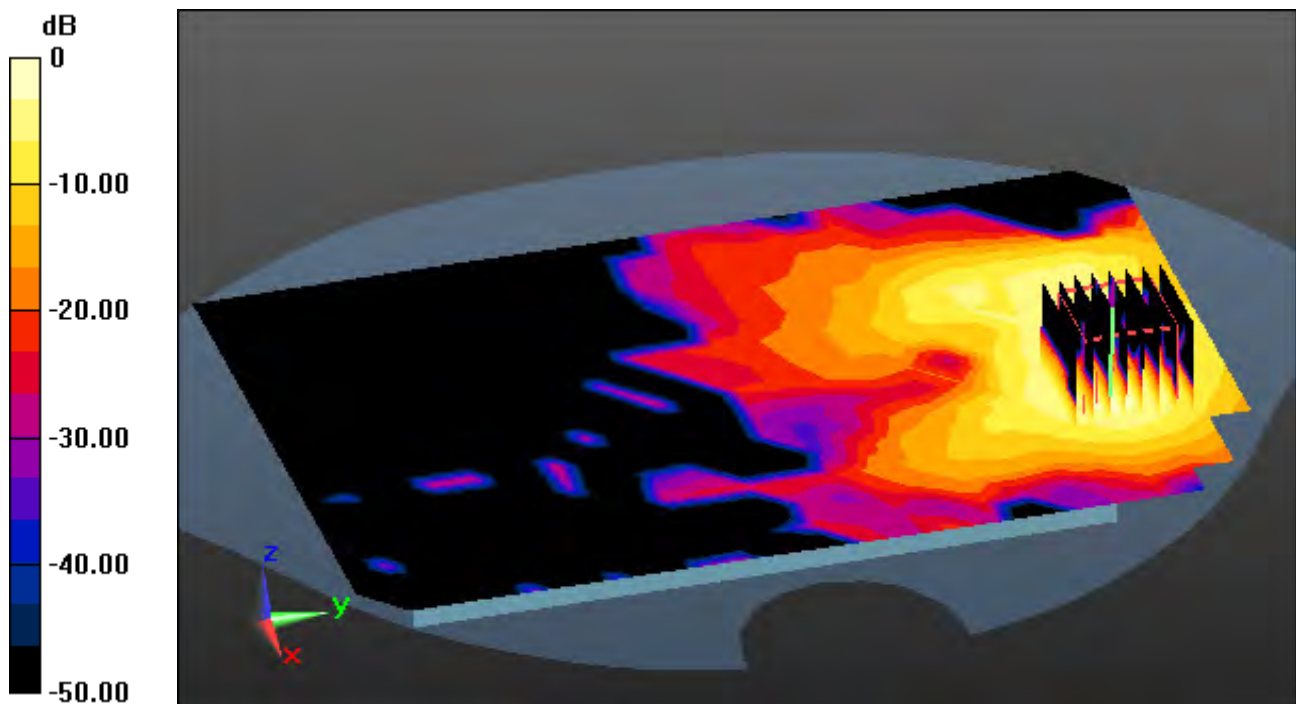
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

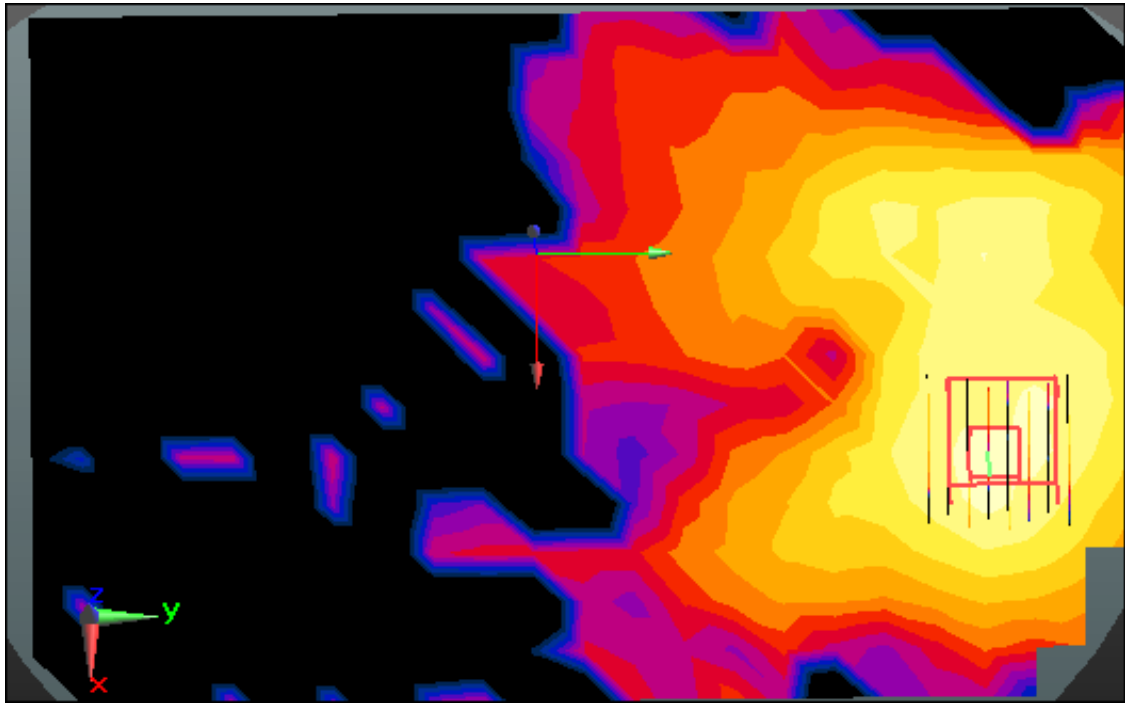
Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.750 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.045 W/kg



0 dB = 0.283 W/kg



Enlarged Plot for A55

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.176 \text{ S/m}$; $\epsilon_r = 50.749$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.31, 5.31, 5.31); Calibrated: 11/27/2019 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

1 cm space from Body, Rear, WLAN(802.11a) Ch. 40, Ant Internal, MIMO

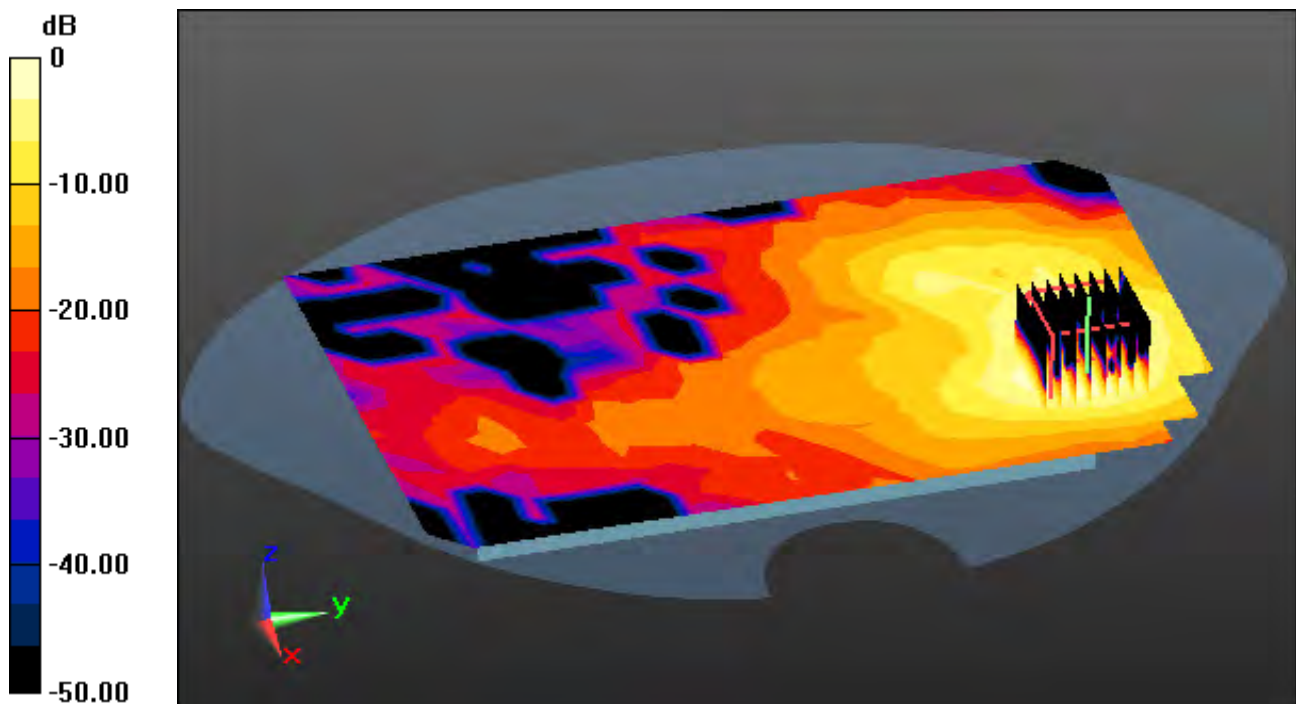
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

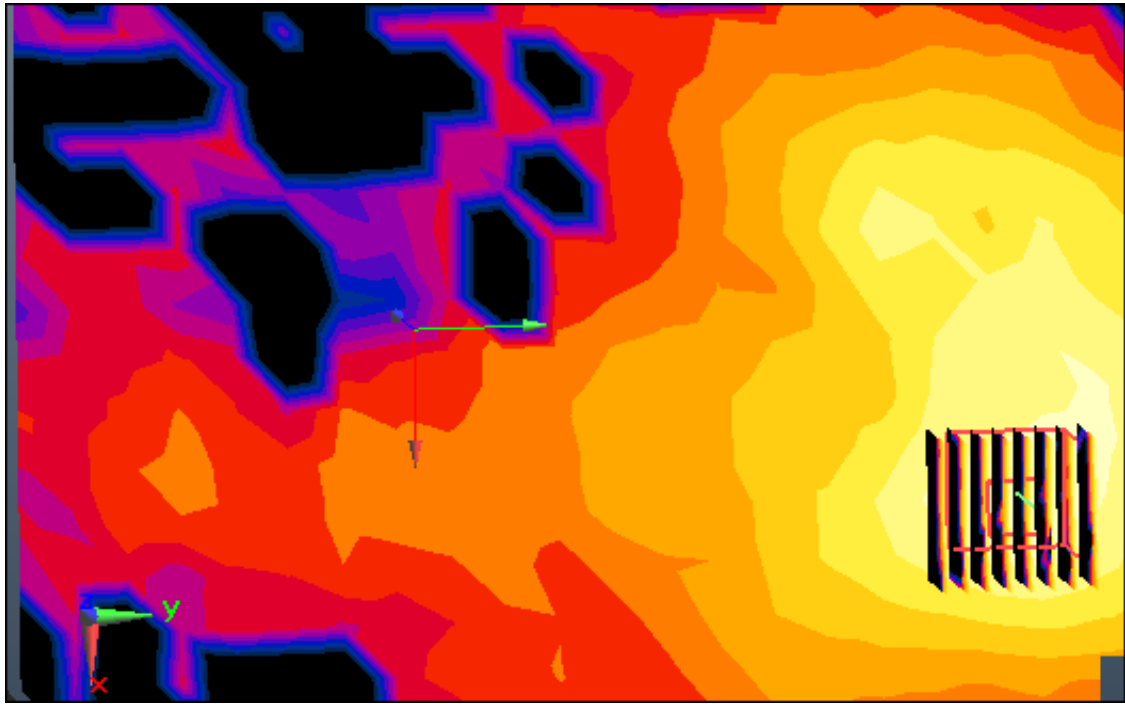
Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.570 W/kg



Enlarged Plot for A56

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.937 \text{ S/m}$; $\epsilon_r = 50.112$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

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

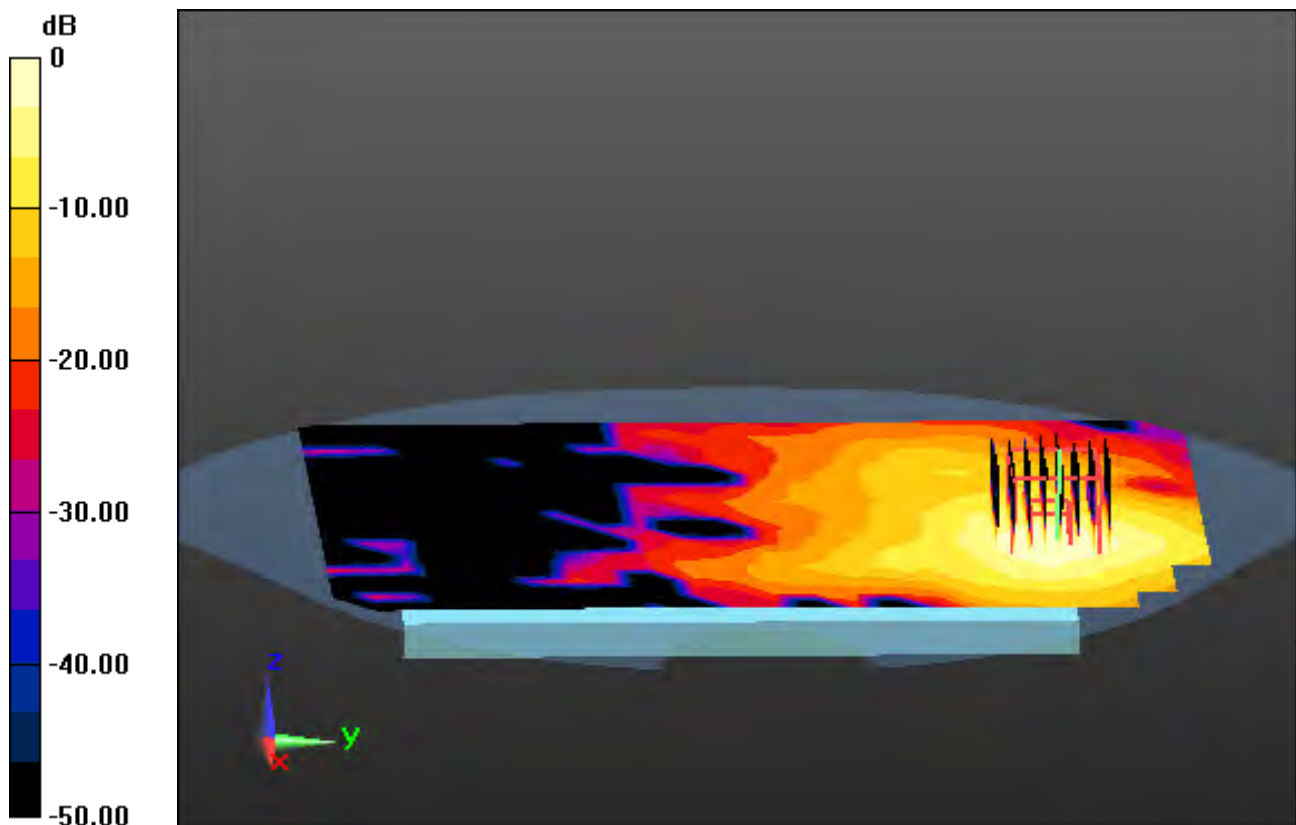
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

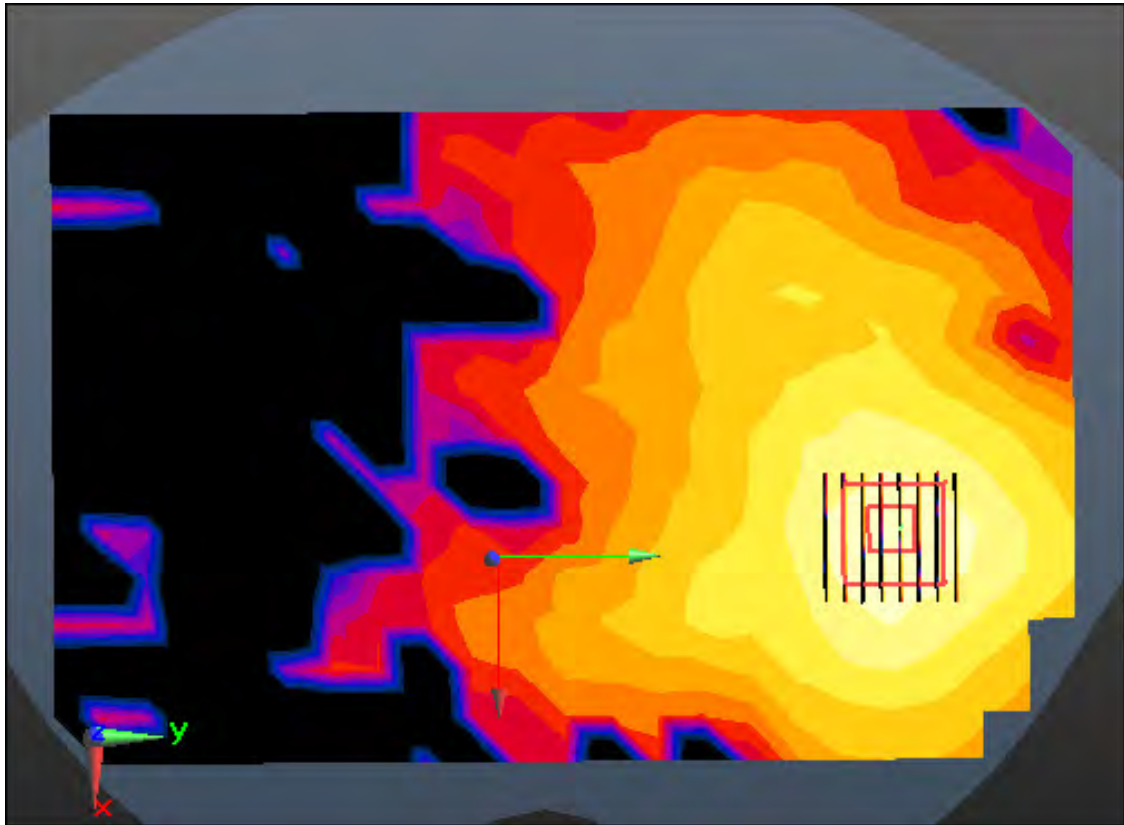
Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.099 W/kg



0 dB = 0.679 W/kg



Enlarged Plot for A57

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.913 \text{ S/m}$; $\epsilon_r = 51.016$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(7.75, 7.75, 7.75); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-01-06; Ambient Temp: 21.4; Tissue Temp: 21.6

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

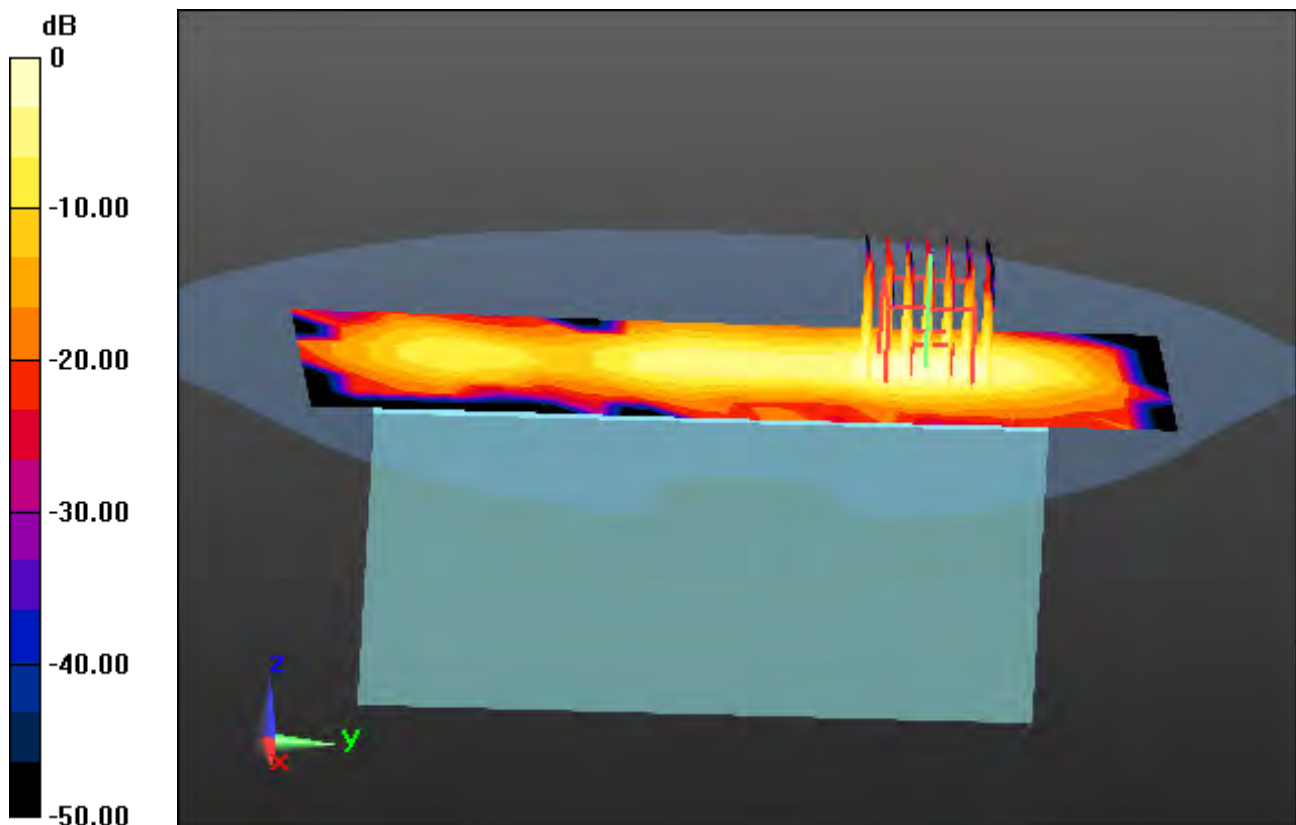
Area Scan (7x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

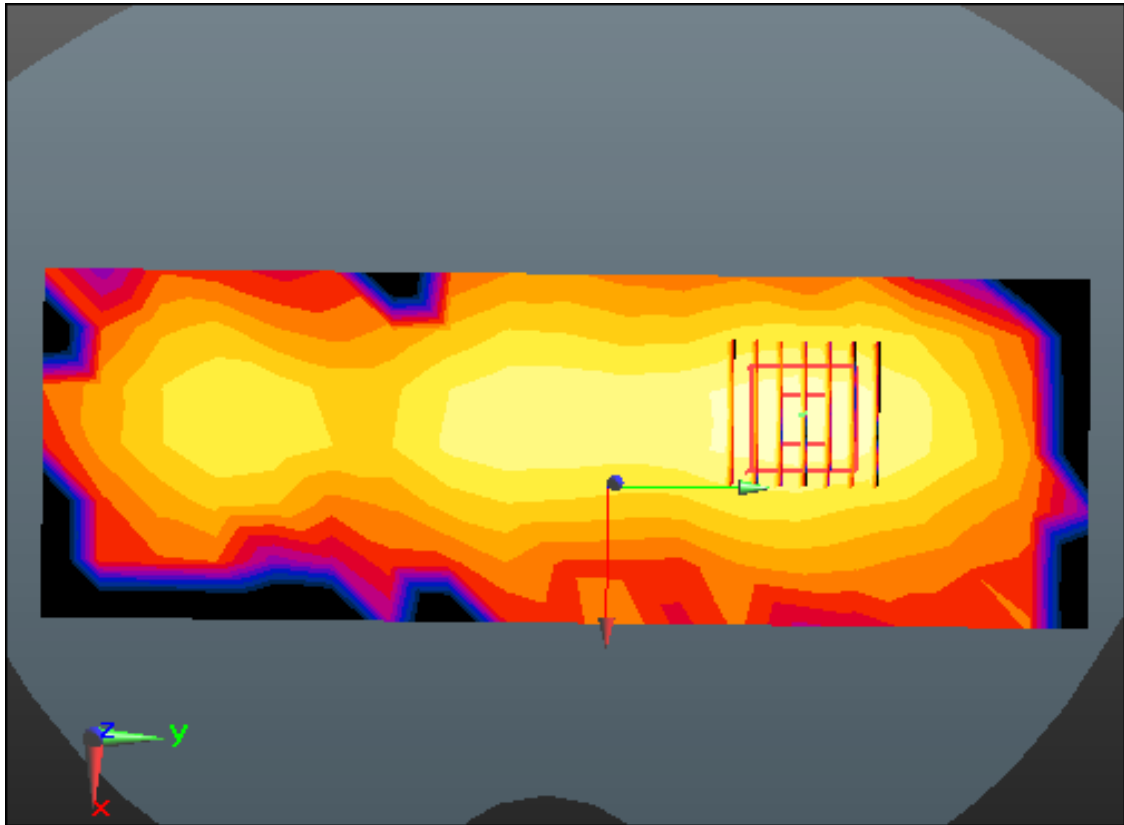
Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.0808 W/kg



Enlarged Plot for A58

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.282 \text{ S/m}$; $\epsilon_r = 50.538$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783

Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

Touch from Body, Rear, WLAN(802.11a) Ch. 56, Ant Internal, Ant.1

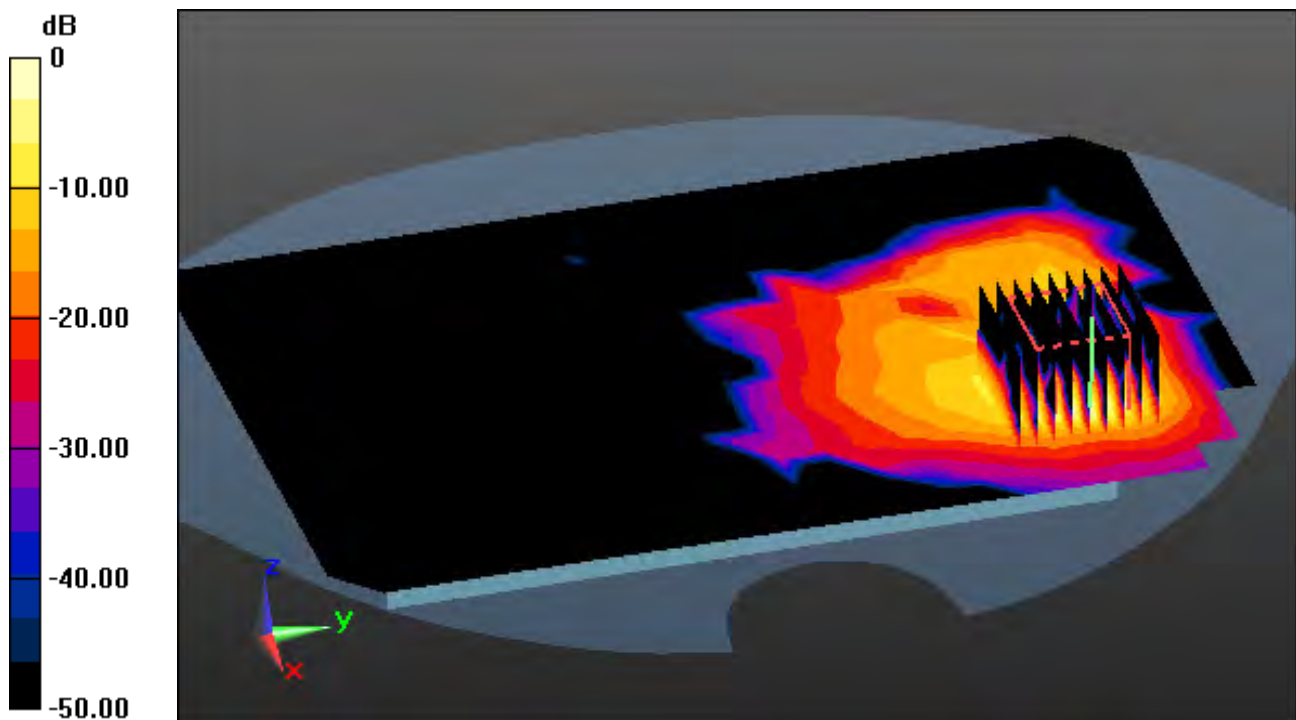
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

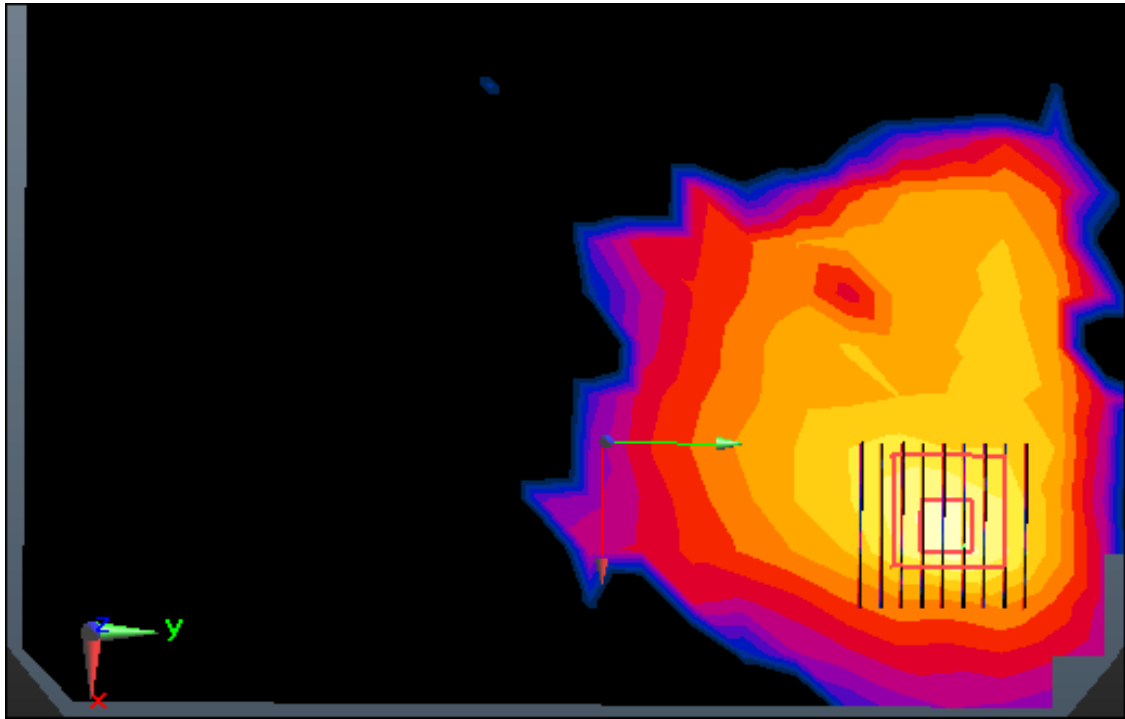
Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.55 W/kg

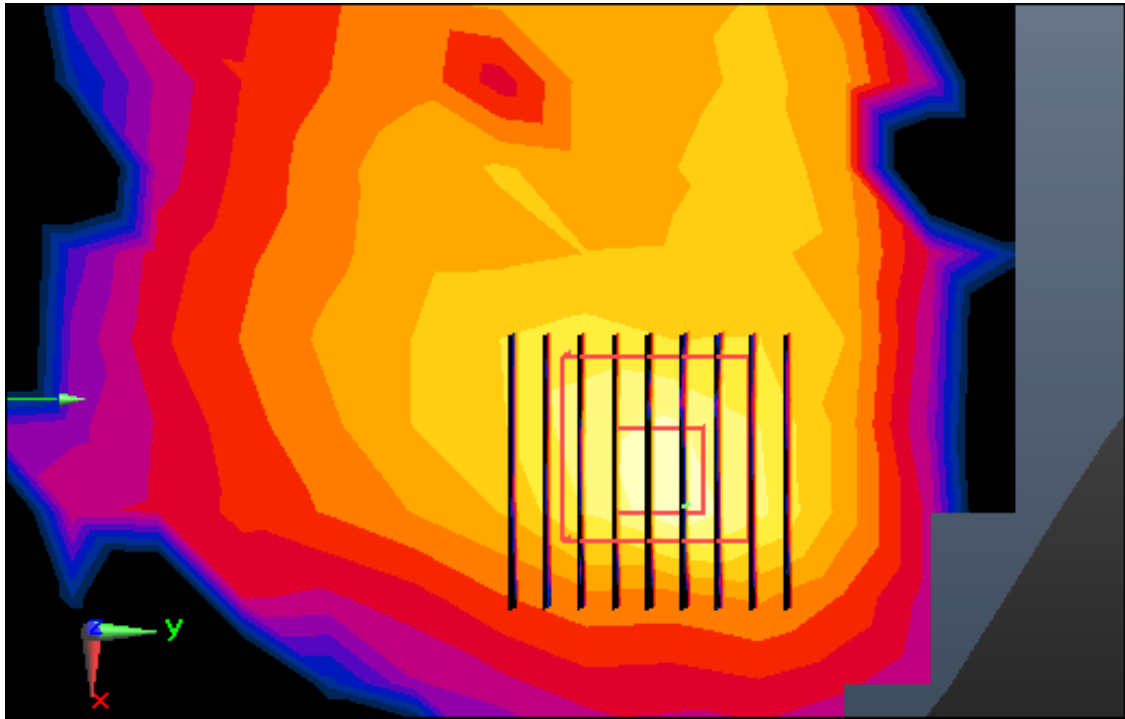
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.358 W/kg



0 dB = 3.66 W/kg



Enlarged Plot for A59



Enlarged Plot for A59

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 5.258 \text{ S/m}$; $\epsilon_r = 50.59$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

Touch from Body, Rear, WLAN(802.11a) Ch. 52, Ant Internal, Ant.2

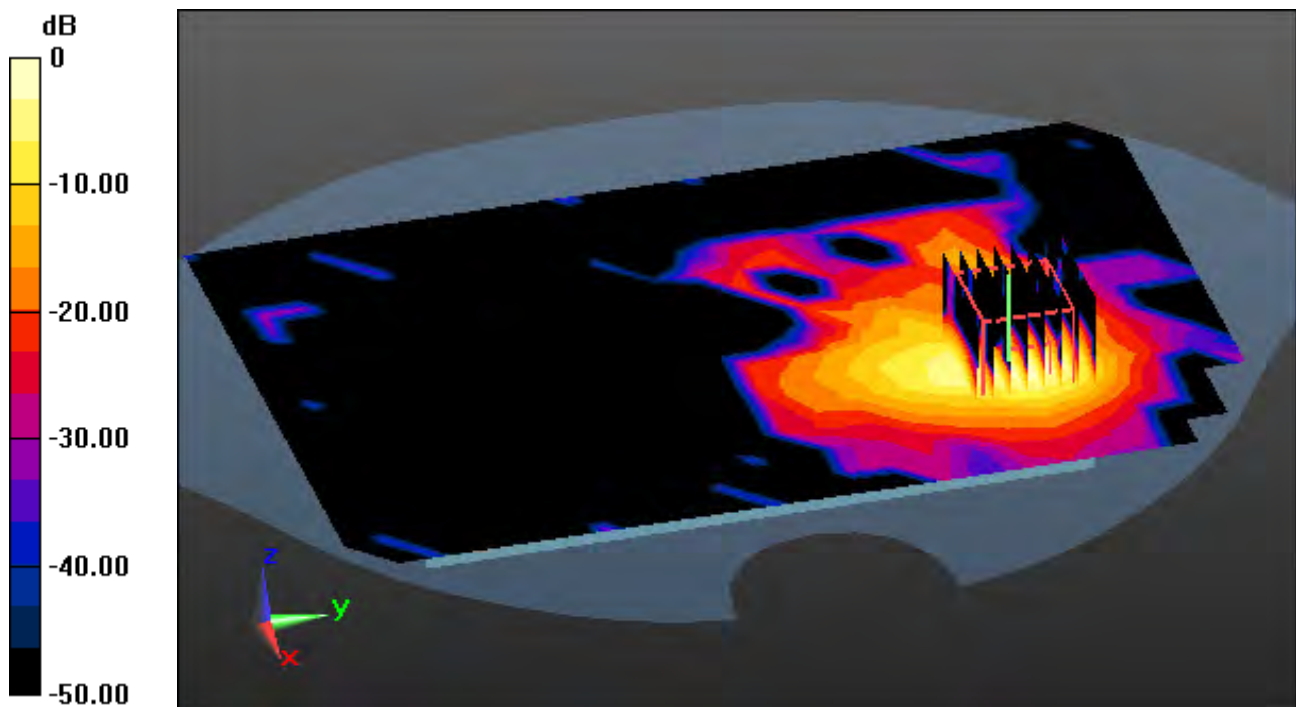
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

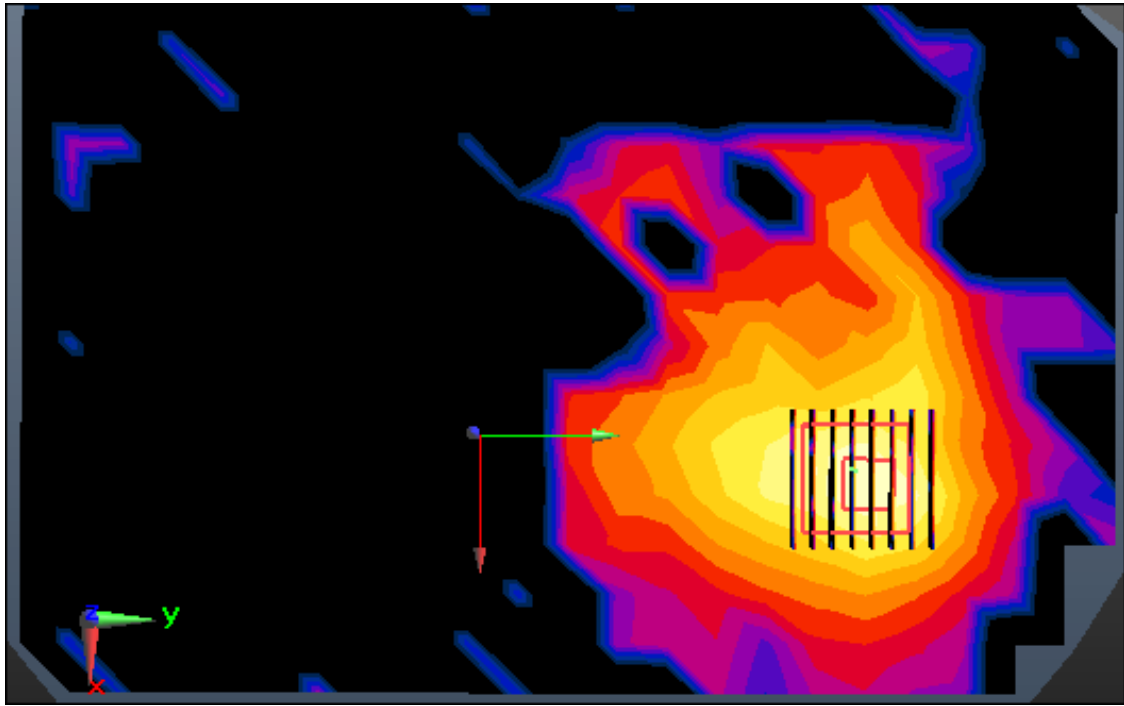
Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.99 W/kg

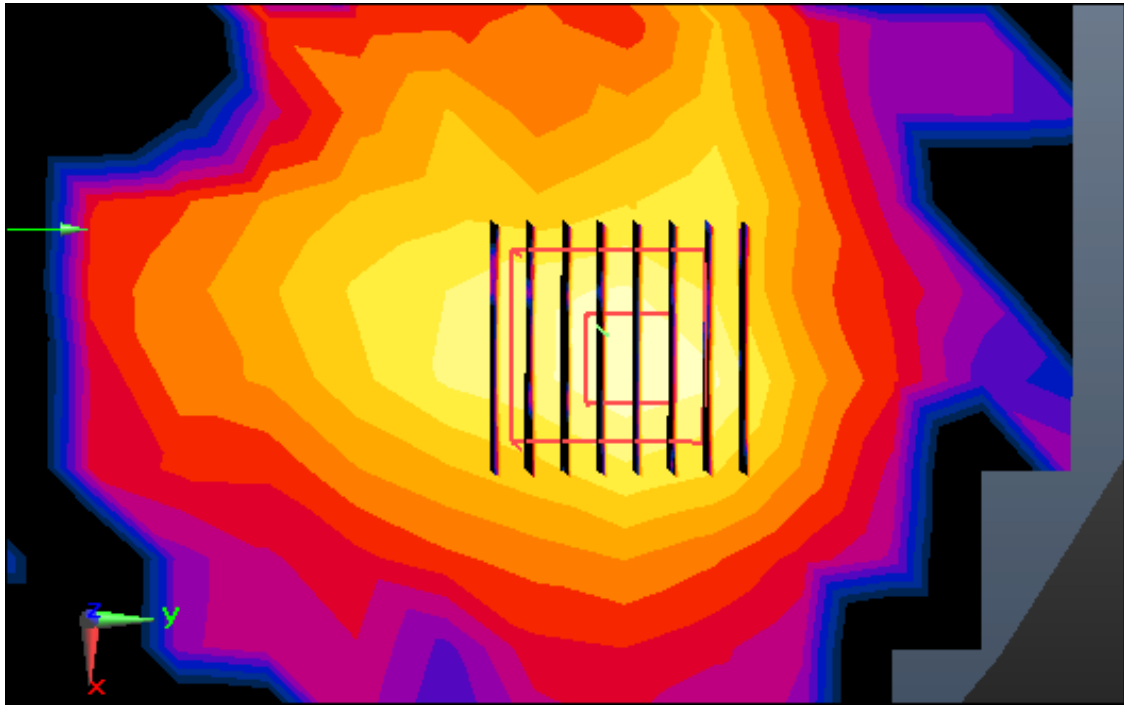
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.401 W/kg



0 dB = 4.40 W/kg



Enlarged Plot for A60



Enlarged Plot for A60

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 5.258 \text{ S/m}$; $\epsilon_r = 50.59$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(5.15, 5.15, 5.15); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-13; Ambient Temp: 20.2; Tissue Temp: 20.4

Touch from Body, Front, WLAN(802.11a) Ch. 52, Ant Internal, MIMO

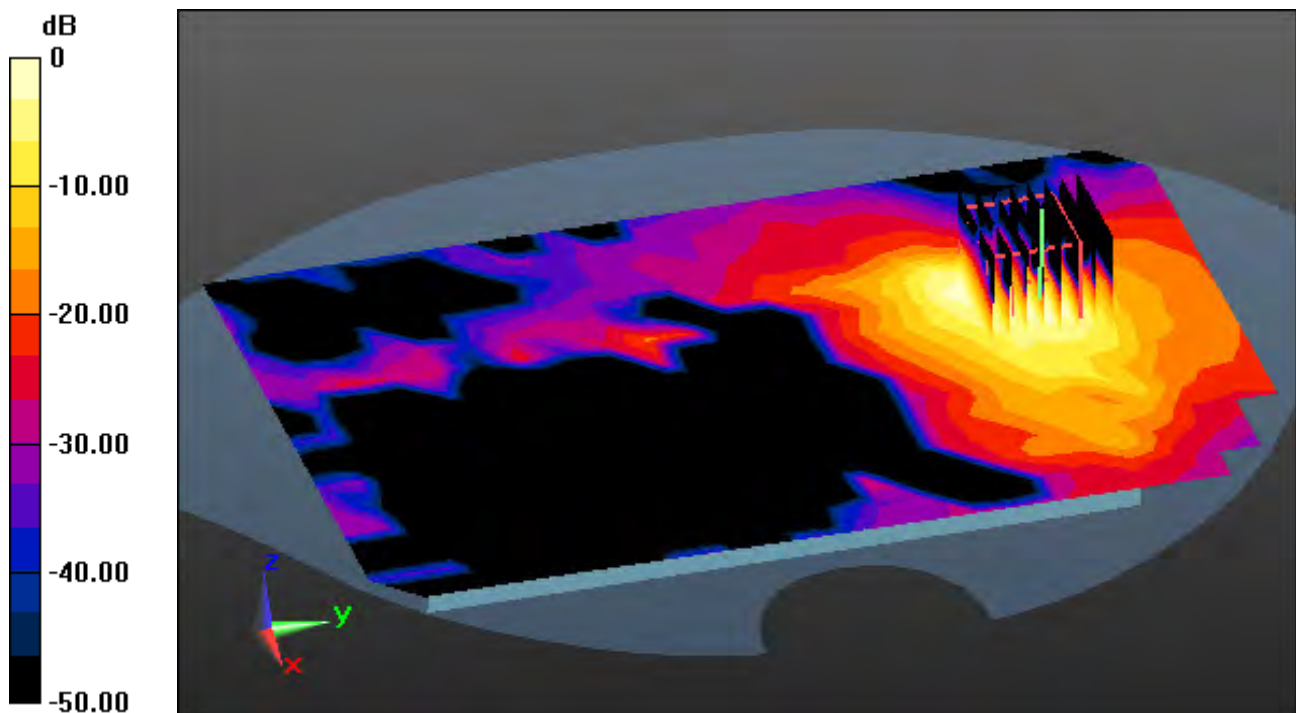
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

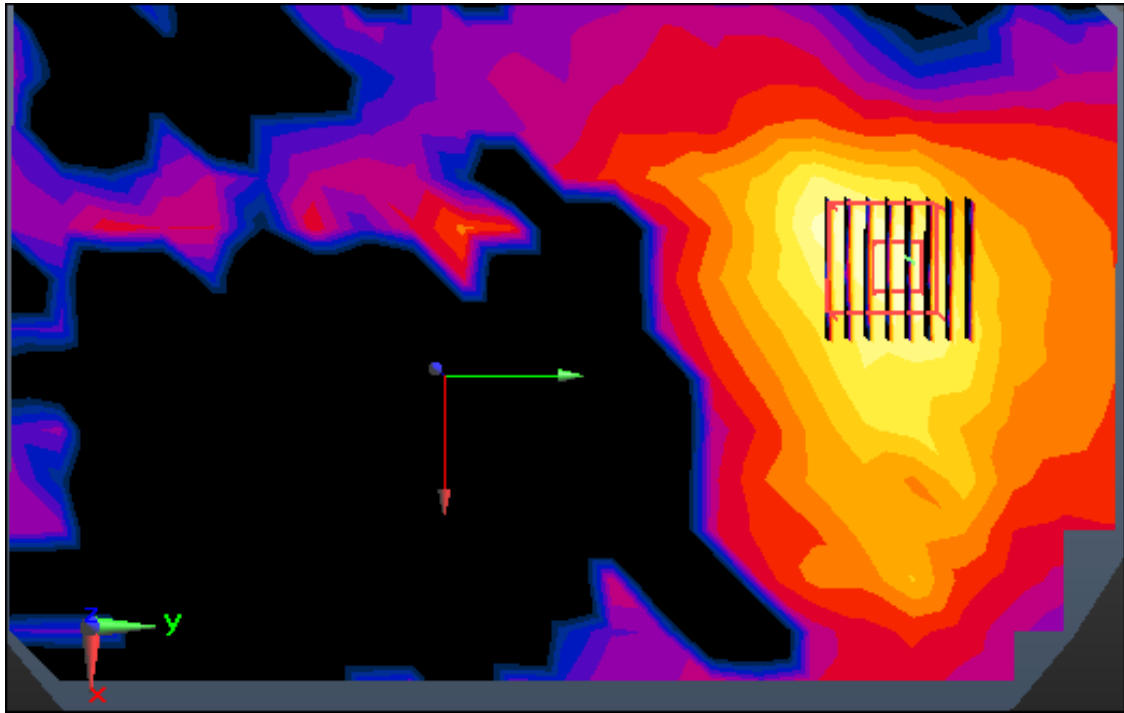
Power Drift = -0.01 dB

Peak SAR (extrapolated) = 6.92 W/kg

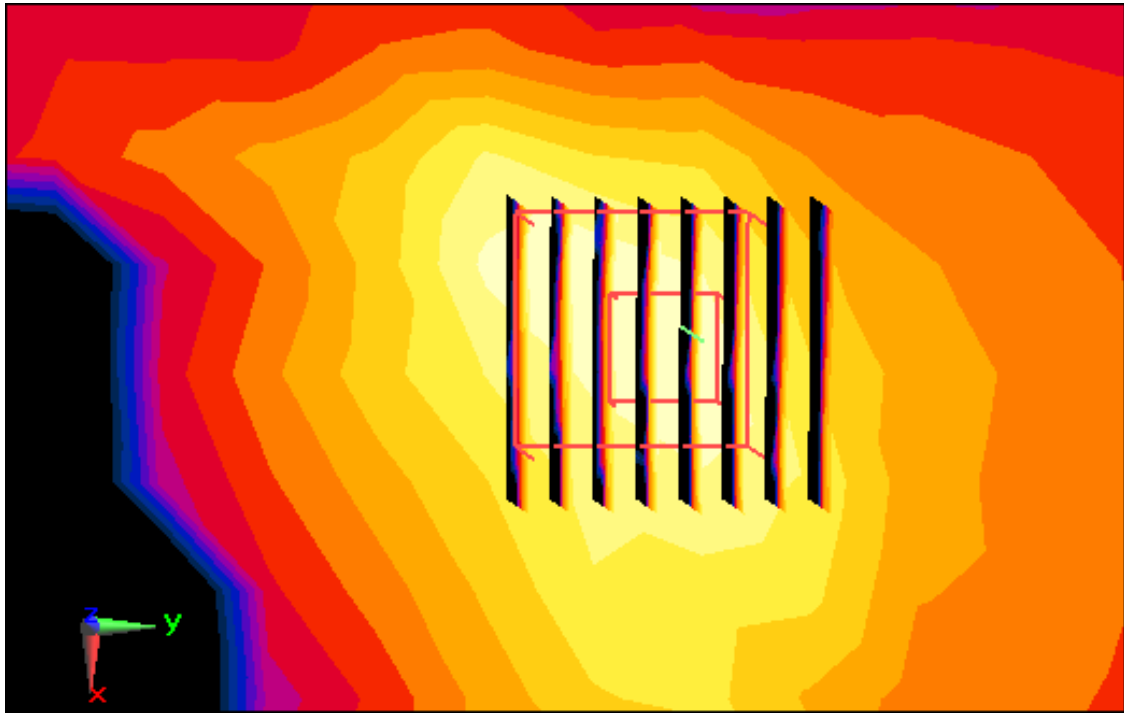
SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.559 W/kg



0 dB = 3.82 W/kg



Enlarged Plot for A61



Enlarged Plot for A61

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.966 \text{ S/m}$; $\epsilon_r = 49.119$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.56, 4.56, 4.56); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

Touch from Body, Rear, WLAN(802.11a) Ch. 144, Ant Internal, Ant.1

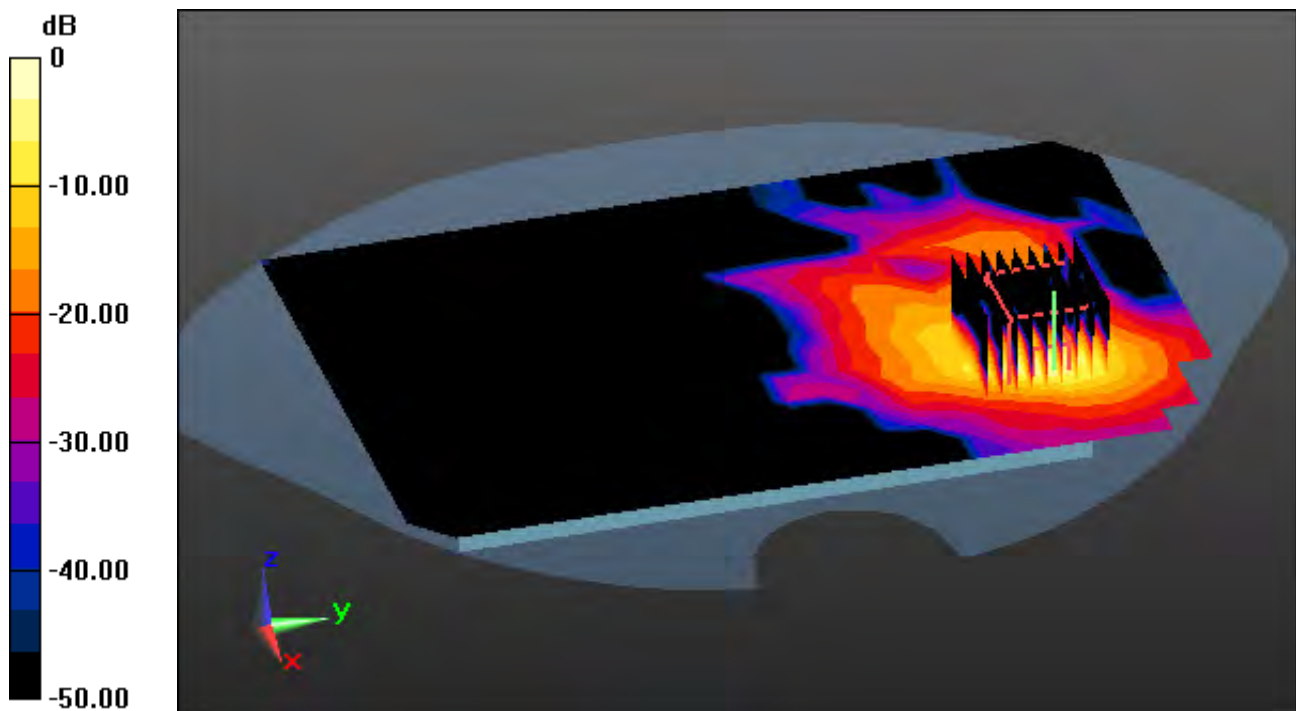
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

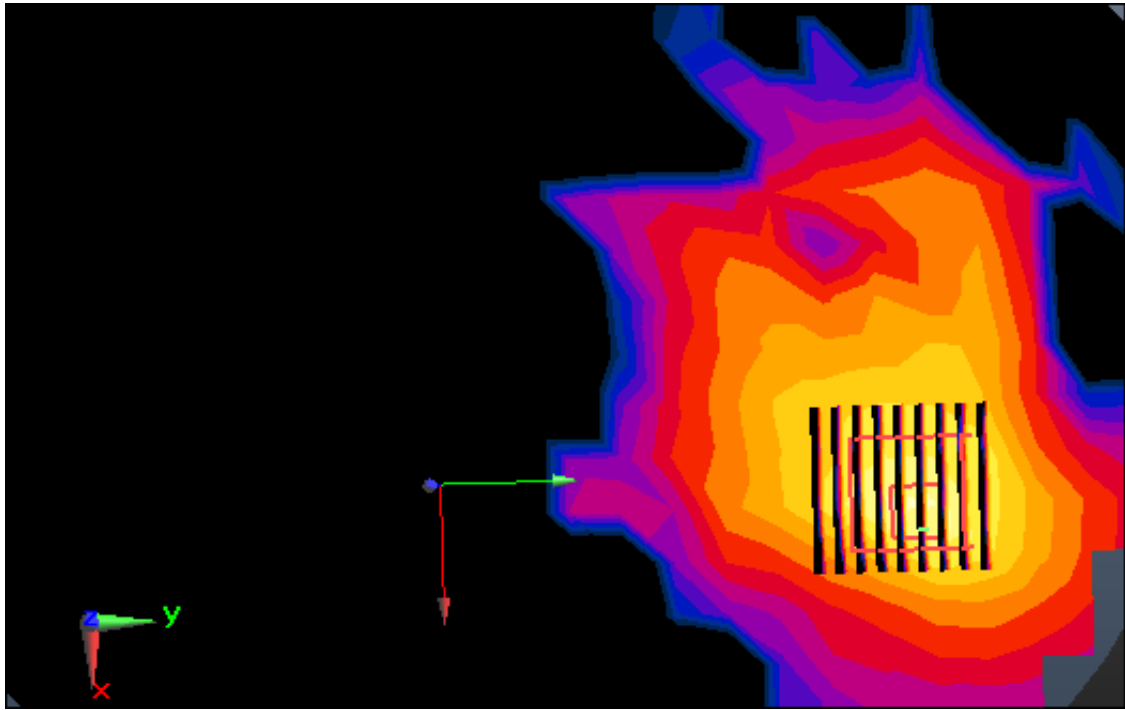
Power Drift = 0.06 dB

Peak SAR (extrapolated) = 11.8 W/kg

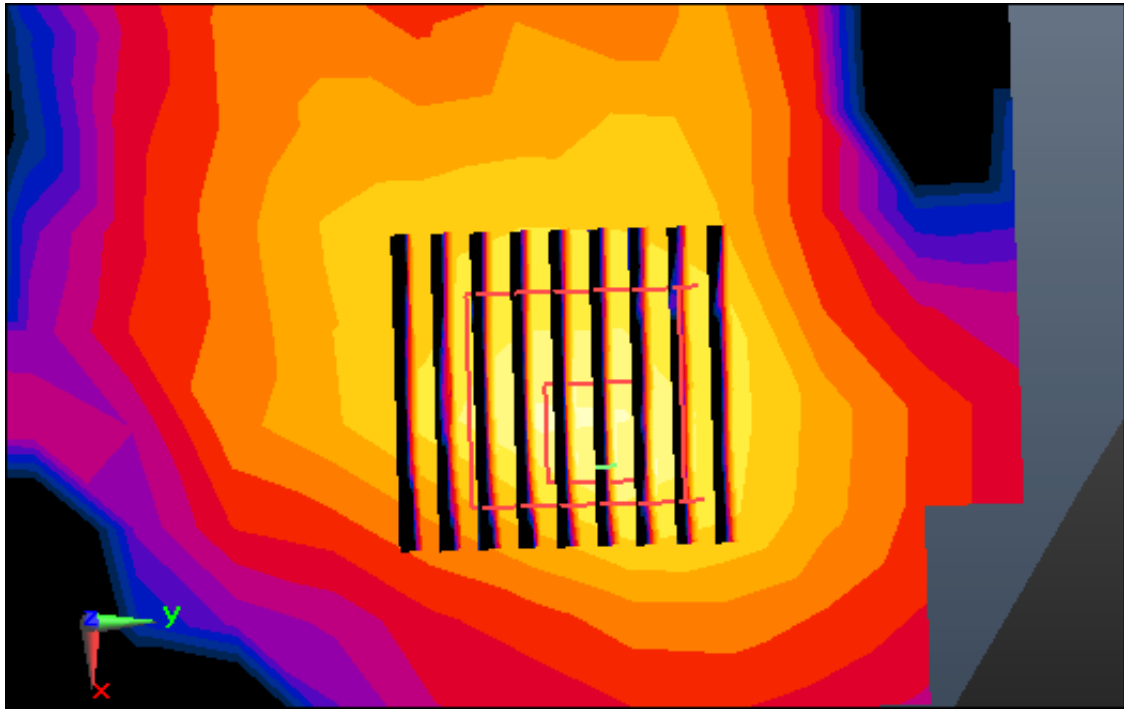
SAR(1 g) = 1.68 W/kg; SAR(10 g) = 0.455 W/kg



0 dB = 5.54 W/kg



Enlarged Plot for A62



Enlarged Plot for A62

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.792 \text{ S/m}$; $\epsilon_r = 49.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.44, 4.44, 4.44); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

Touch from Body, Rear, WLAN(802.11a) Ch. 120, Ant Internal, Ant.2

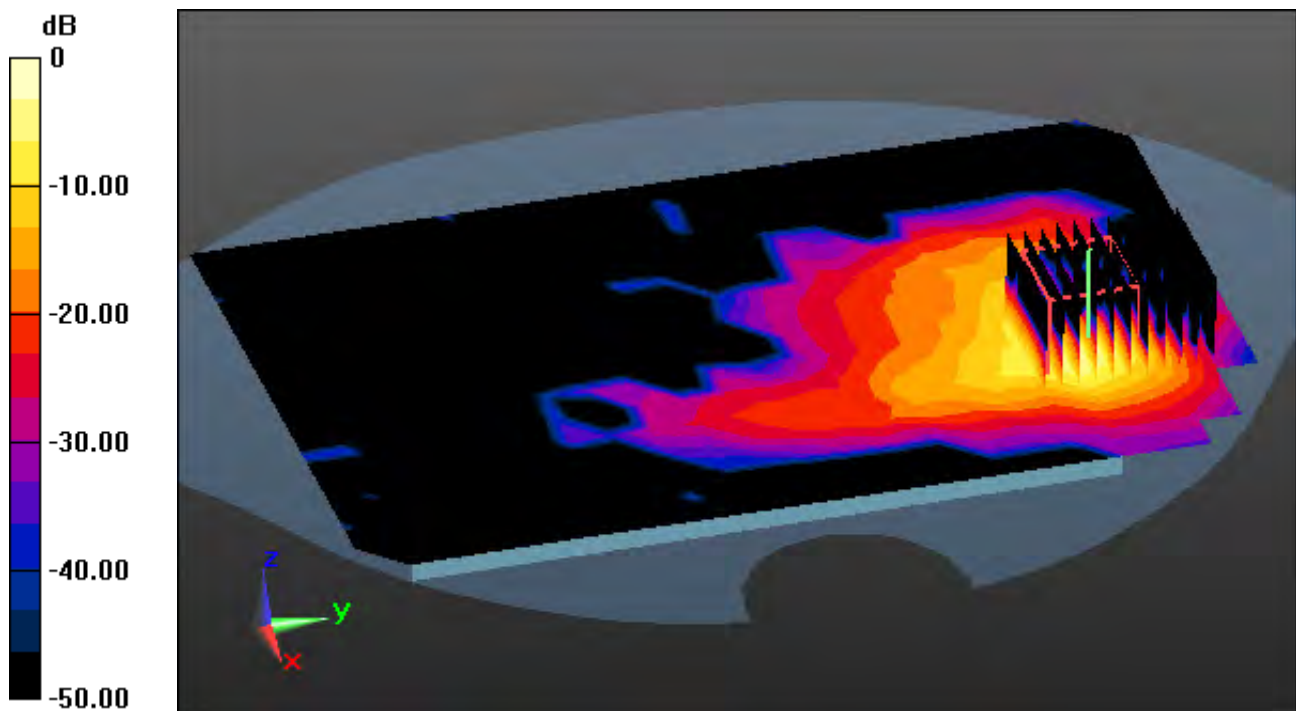
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x11x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

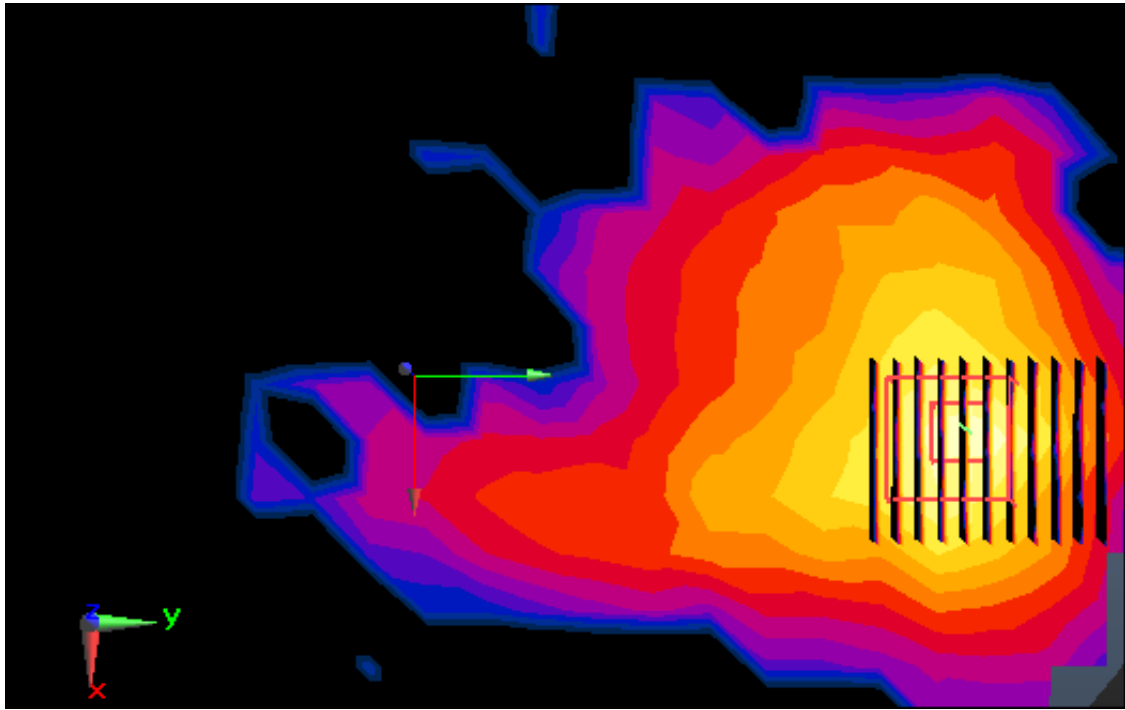
Power Drift = 0.11 dB

Peak SAR (extrapolated) = 11.2 W/kg

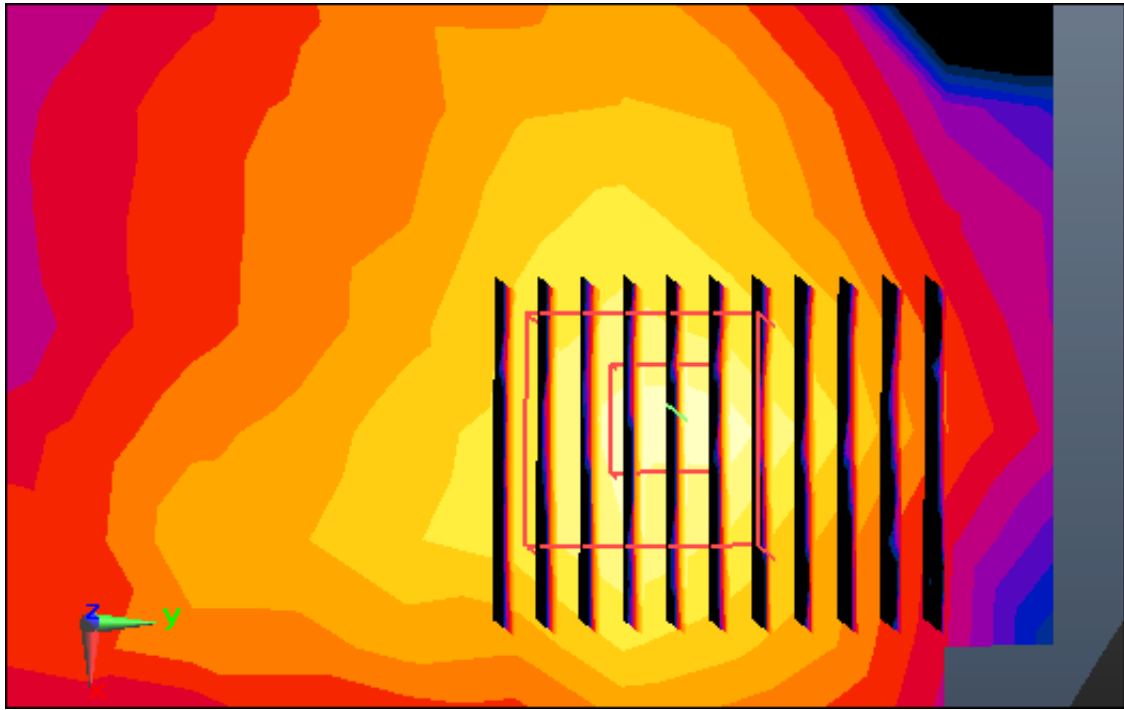
SAR(1 g) = 2.28 W/kg; SAR(10 g) = 0.652 W/kg



0 dB = 6.43 W/kg



Enlarged Plot for A63



Enlarged Plot for A63

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.792 \text{ S/m}$; $\epsilon_r = 49.477$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(4.44, 4.44, 4.44); Calibrated: 11/27/2019; Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.10 (7331)

Test Date: 2020-01-14; Ambient Temp: 21.0; Tissue Temp: 20.8

Touch from Body, Rear, WLAN(802.11a) Ch. 120, Ant Internal, MIMO

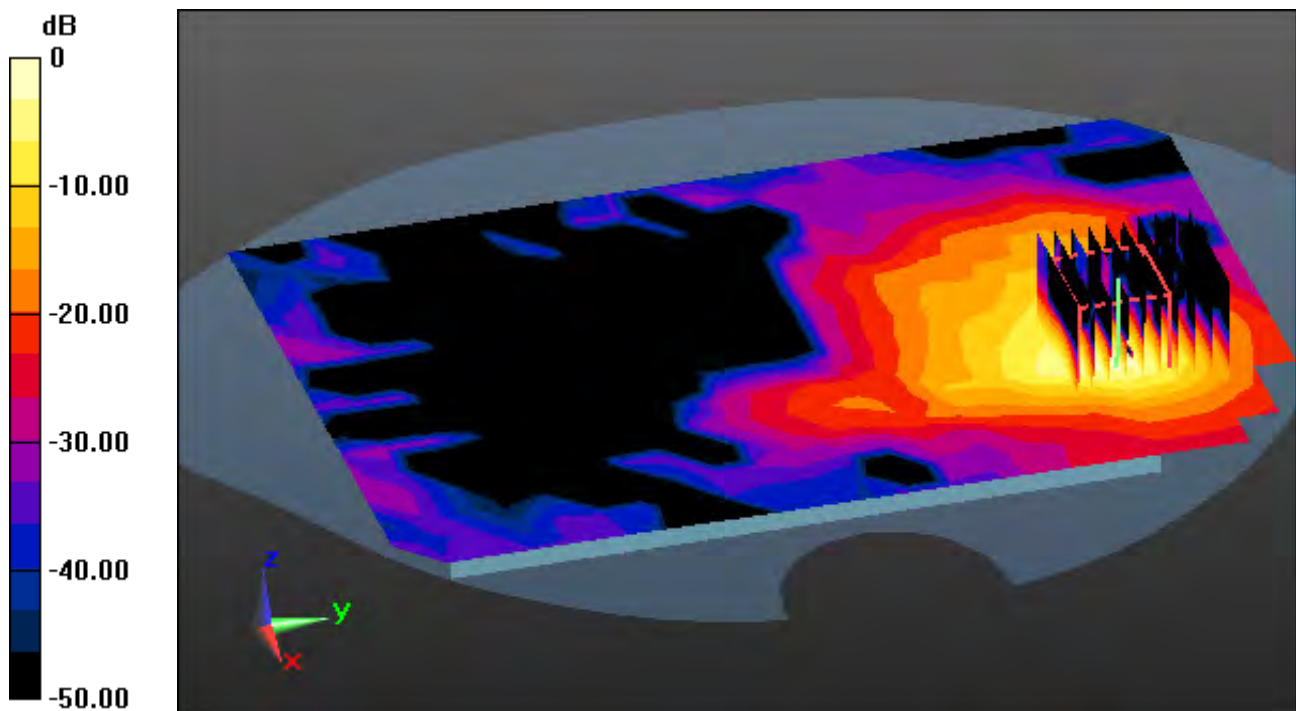
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x10x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

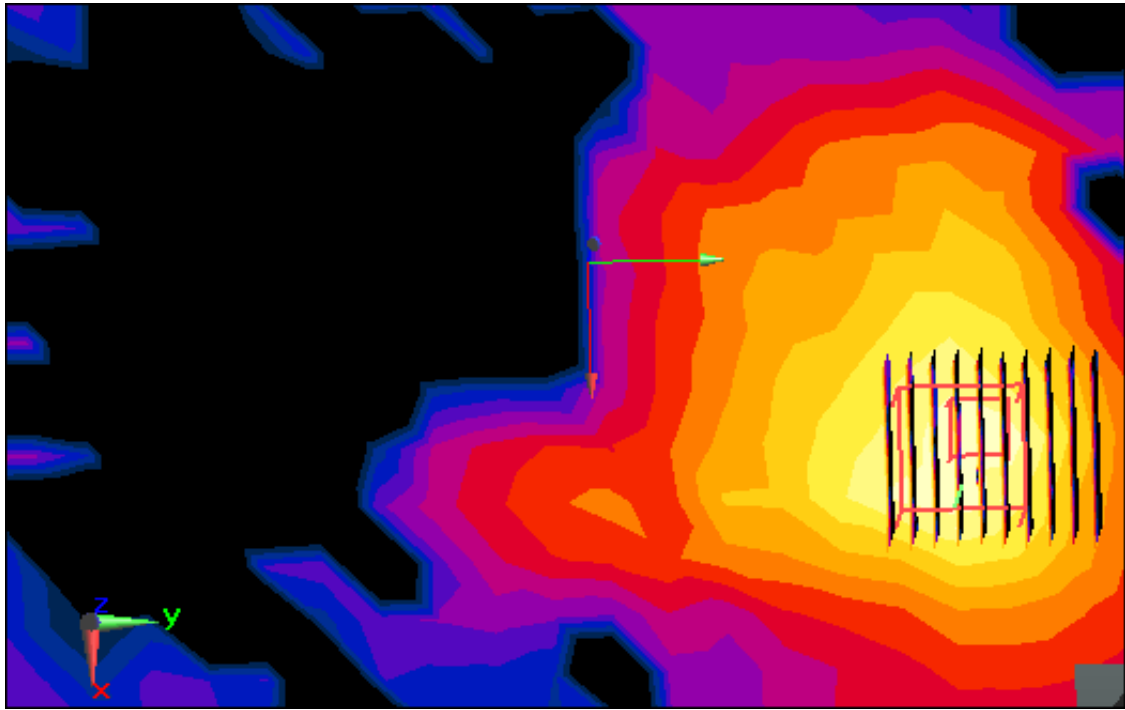
Power Drift = -0.05 dB

Peak SAR (extrapolated) = 22.0 W/kg

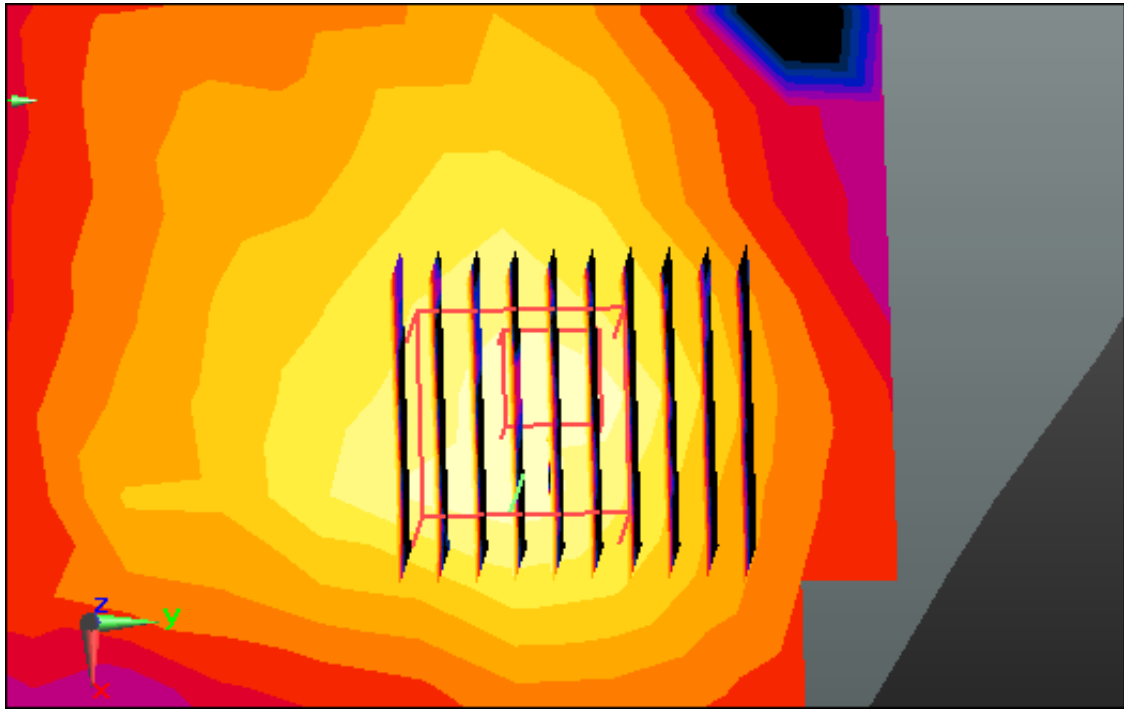
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 0.937 W/kg



0 dB = 6.78 W/kg



Enlarged Plot for A64



Enlarged Plot for A64

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.086 \text{ S/m}$; $\epsilon_r = 49.877$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

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

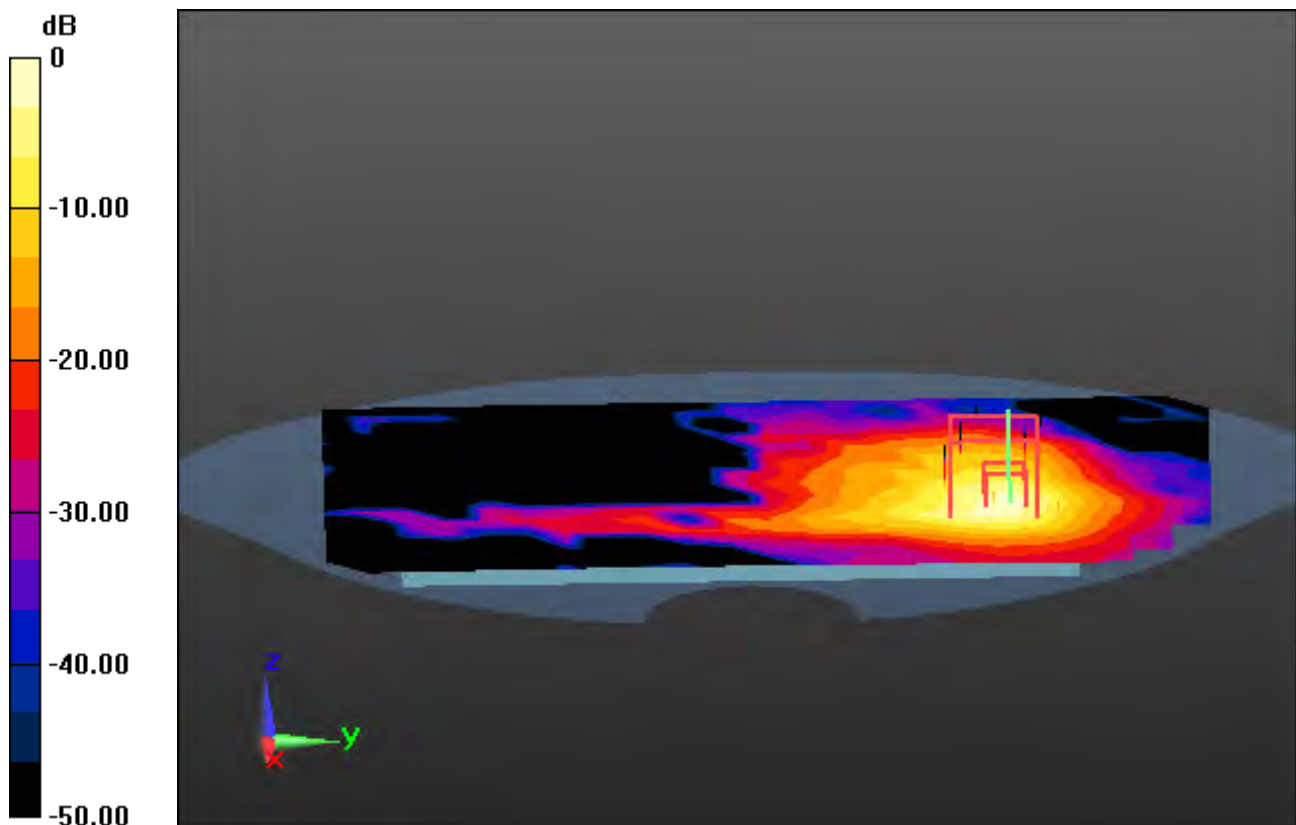
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

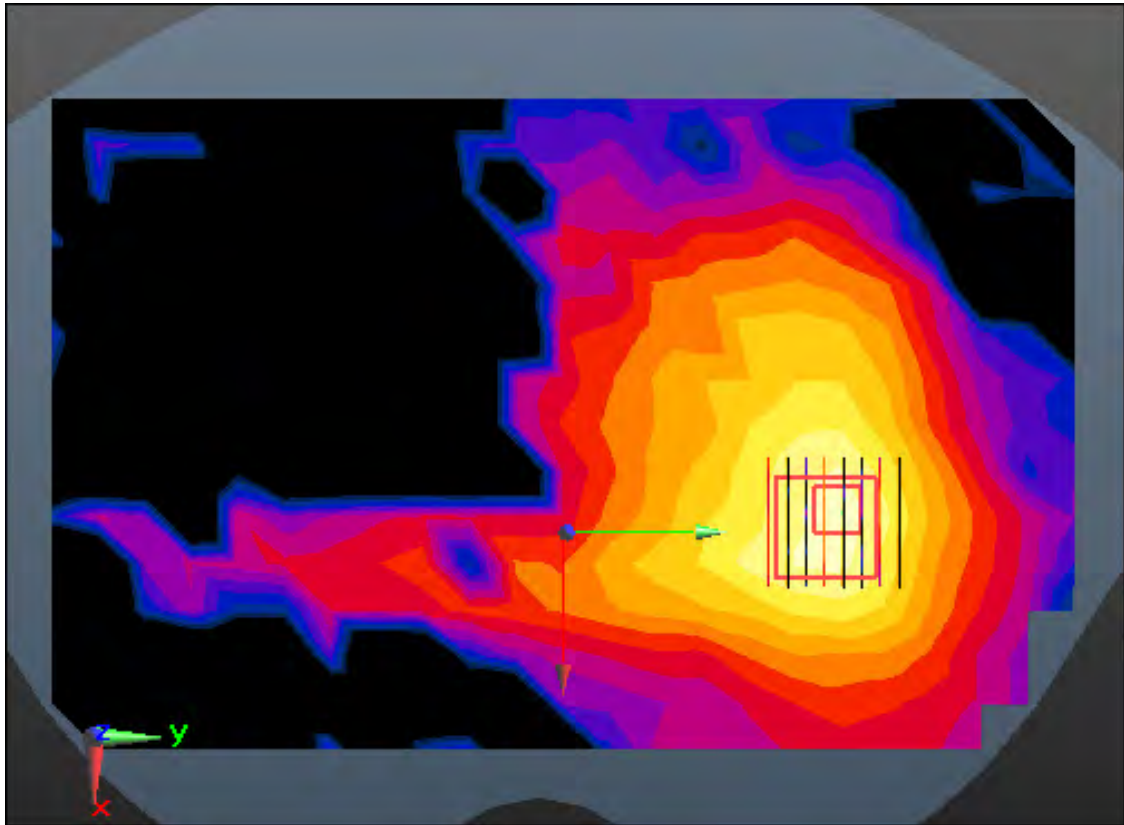
Power Drift = 0.18 dB

Peak SAR (extrapolated) = 13.2 W/kg

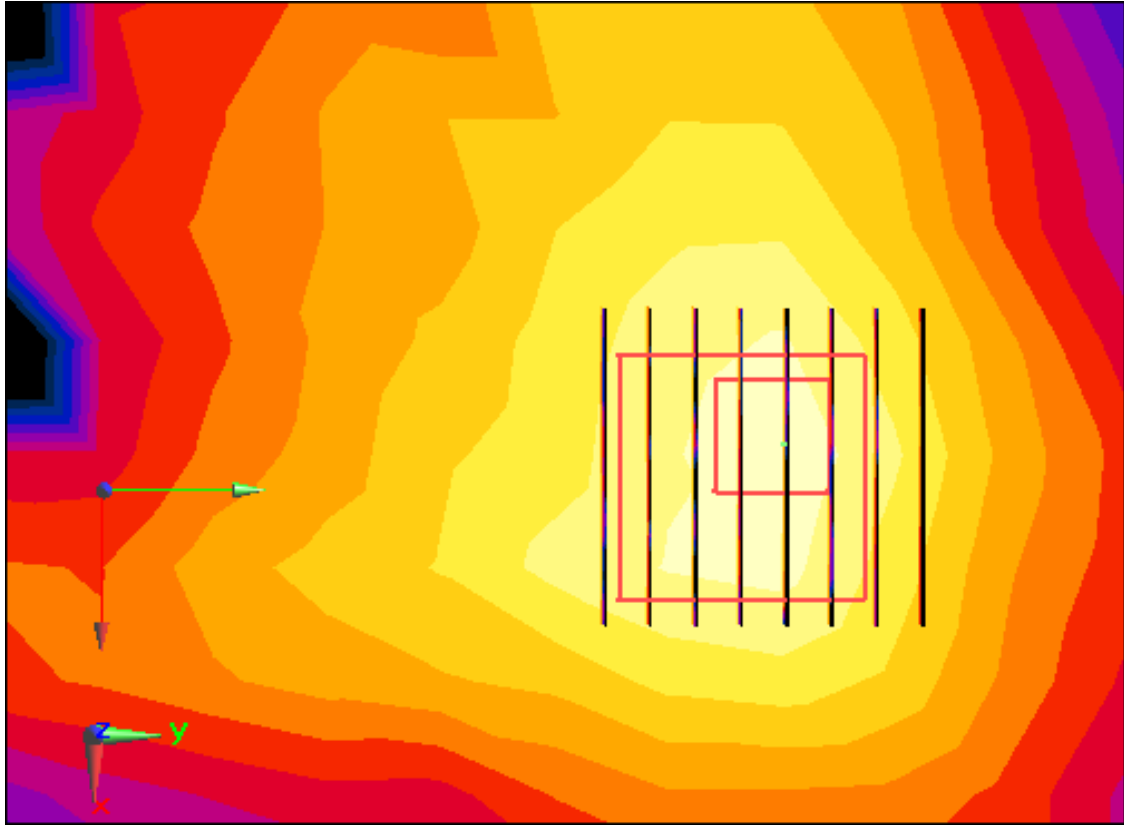
SAR(1 g) = 1.65 W/kg; SAR(10 g) = 0.426 W/kg



0 dB = 5.48 W/kg



Enlarged Plot for A65



Enlarged Plot for A65

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.086 \text{ S/m}$; $\epsilon_r = 49.877$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

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

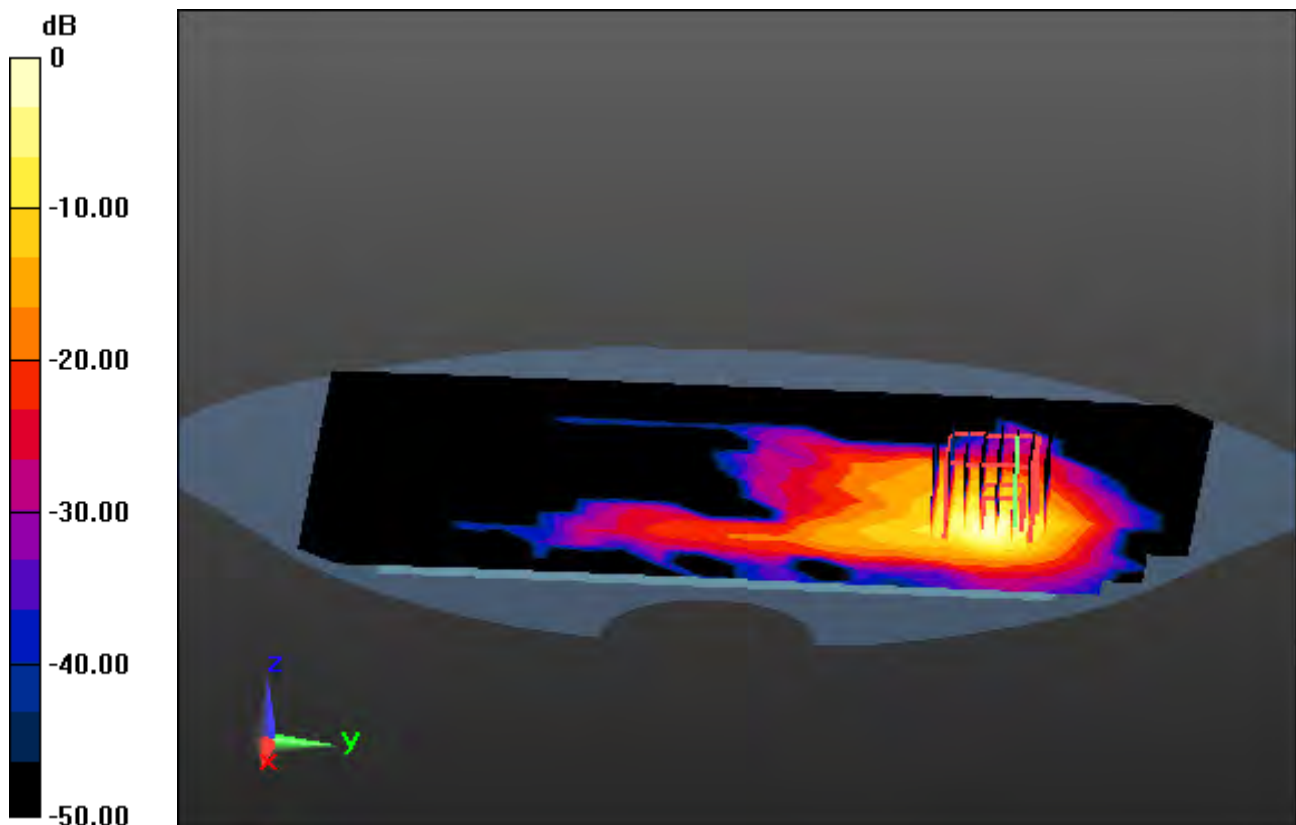
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

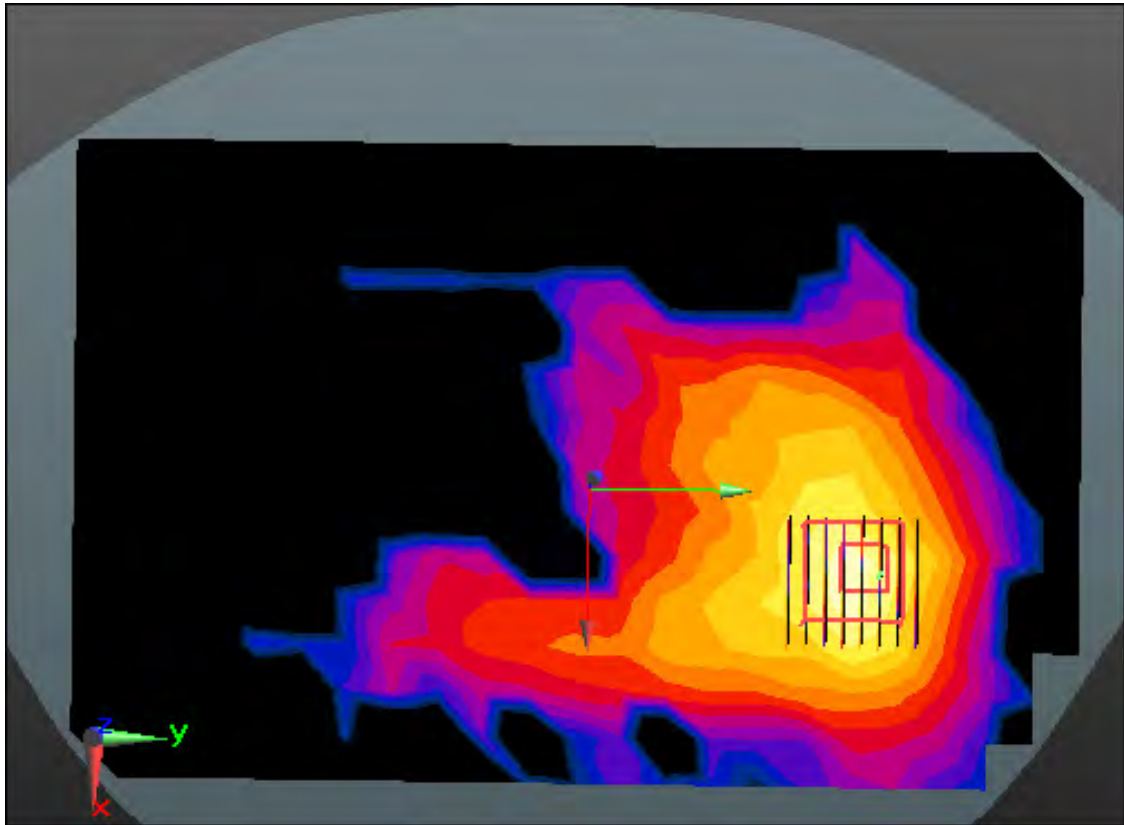
Power Drift = -0.17 dB

Peak SAR (extrapolated) = 19.3 W/kg

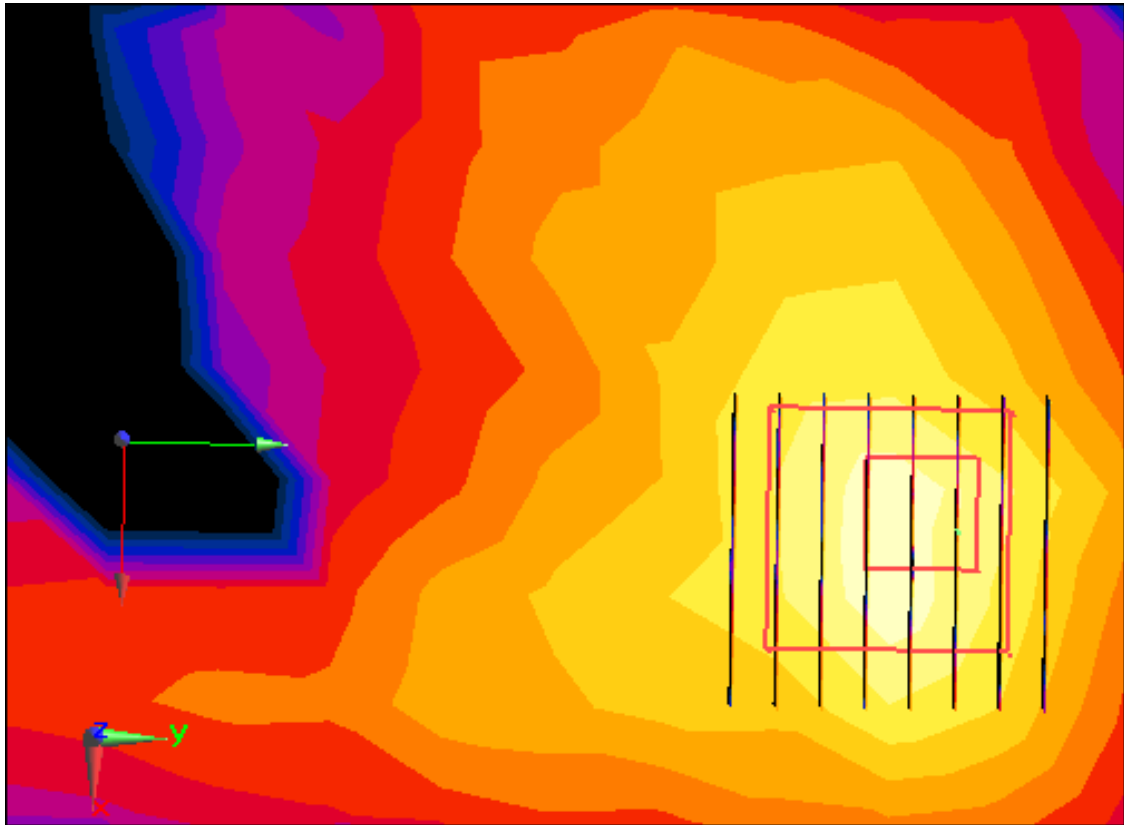
SAR(1 g) = 3.17 W/kg; SAR(10 g) = 0.876 W/kg



0 dB = 8.95 W/kg



Enlarged Plot for A66



Enlarged Plot for A66

DT&C Co., Ltd.

DUT: LM-V600EA; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.086 \text{ S/m}$; $\epsilon_r = 49.877$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.13, 4.13, 4.13); Calibrated: 9/27/2019 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2020-01-08; Ambient Temp: 20.6; Tissue Temp: 20.3

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

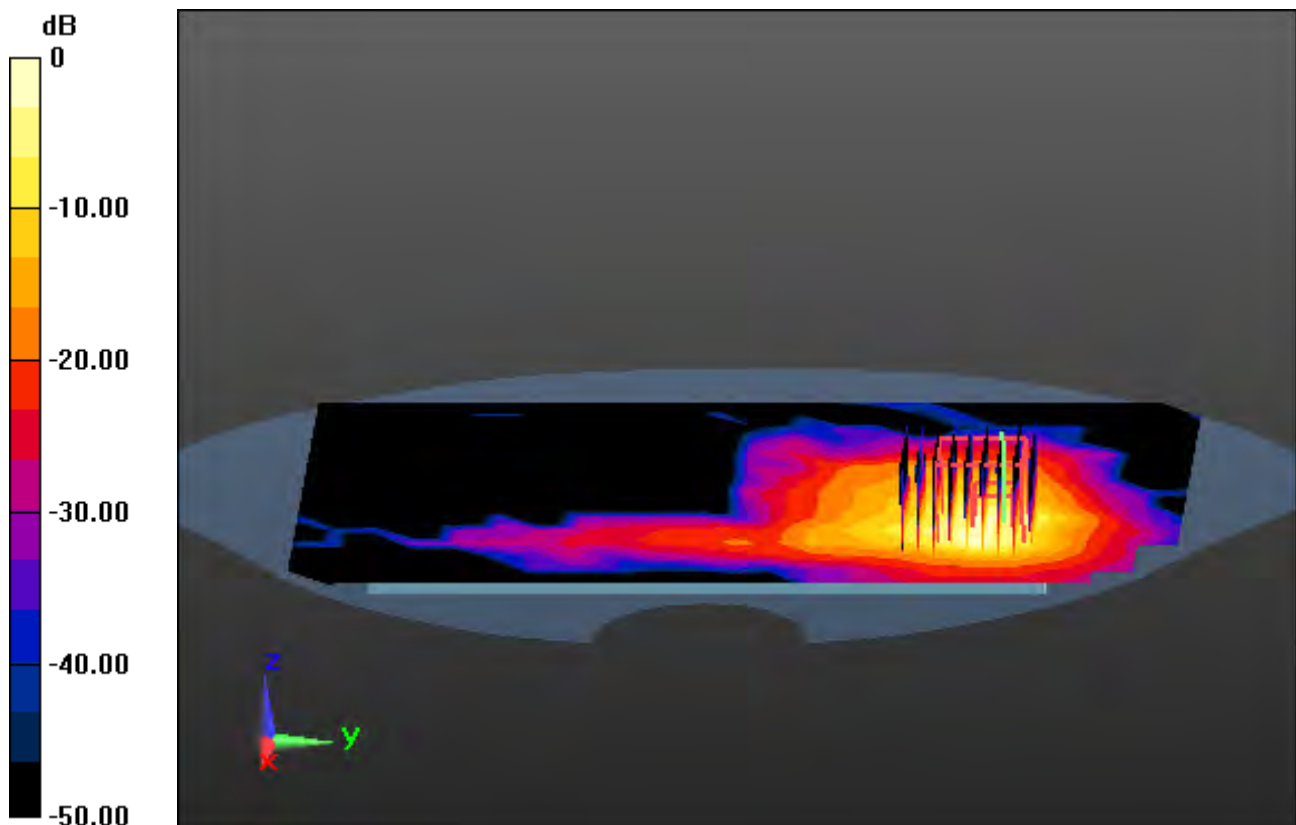
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (10x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

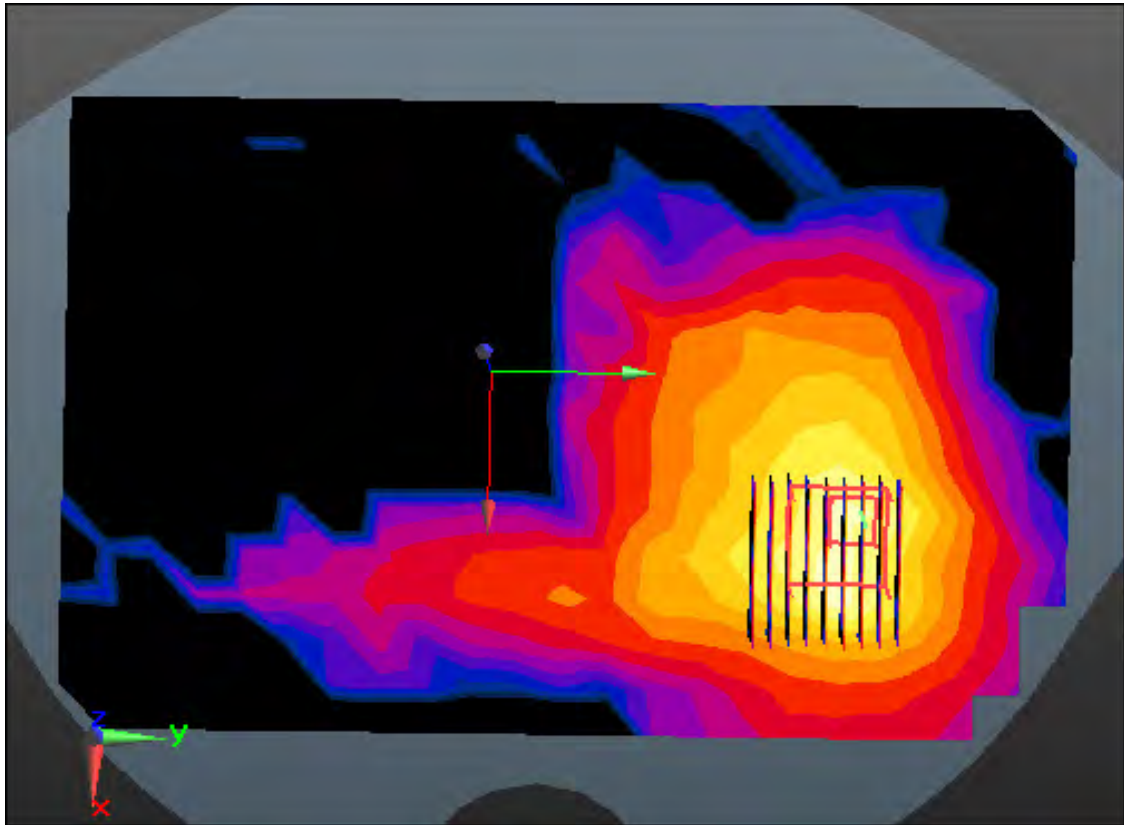
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 18.7 W/kg

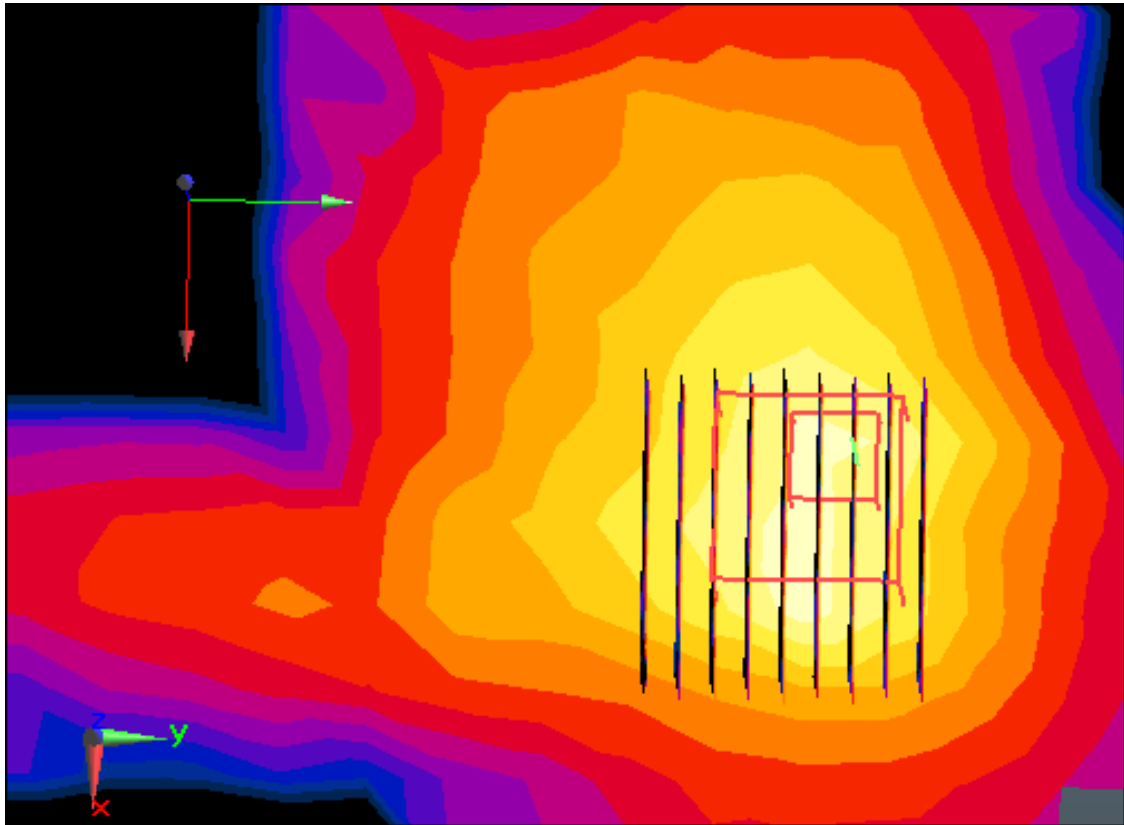
SAR(1 g) = 3.17 W/kg; SAR(10 g) = 1.01 W/kg



0 dB = 9.65 W/kg



Enlarged Plot for A67



Enlarged Plot for A67