

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 40.4$; $\rho = 1000$ 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: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 20.9

2450 MHz System Head Verification (100 mW)

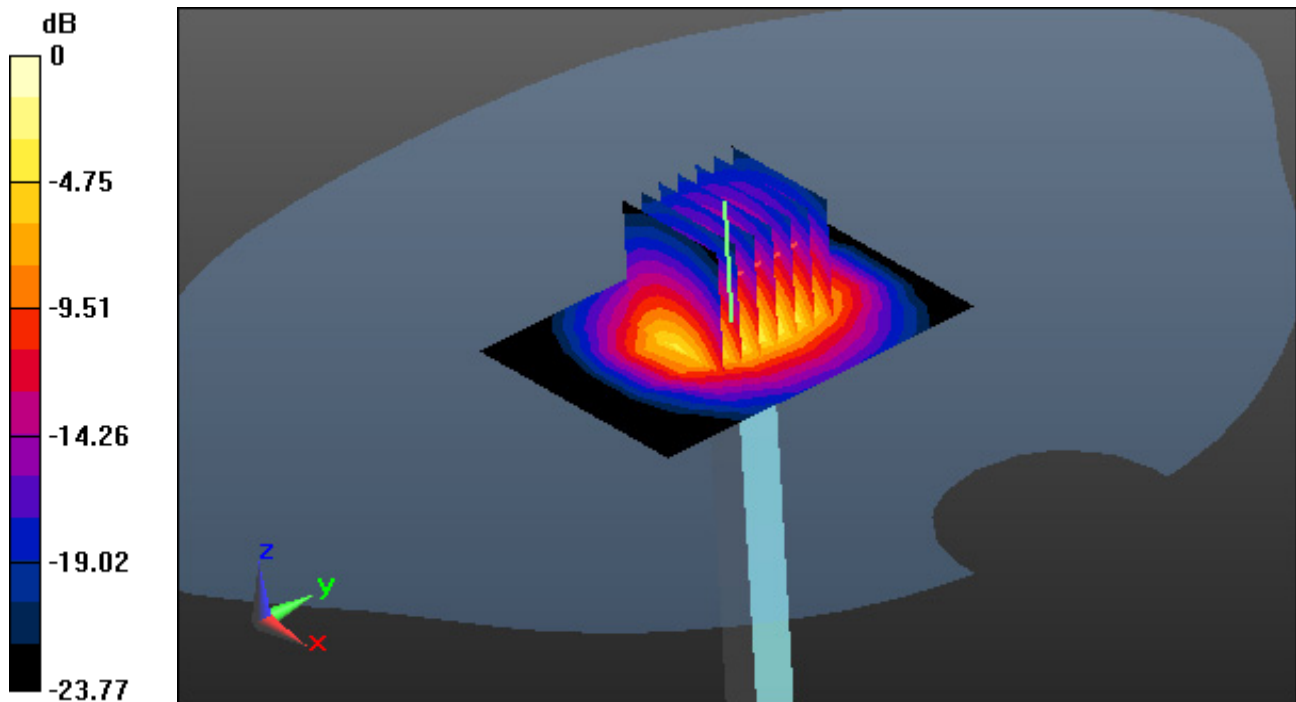
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 11.12 W/kg

SAR(1 g) = 5.27 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 8.16 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 51.08$; $\rho = 1000$ 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: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

2450 MHz System Body Verification (100 mW)

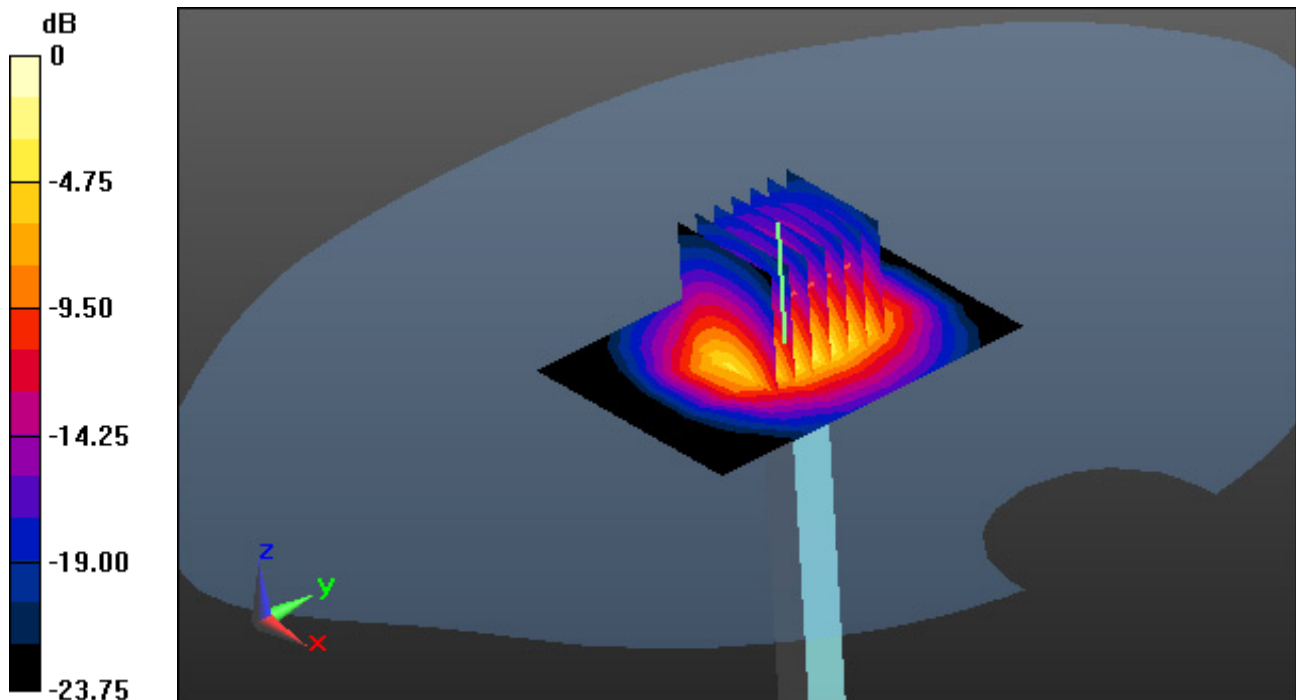
Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 11.32 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.44 W/kg



0 dB = 8.36 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)

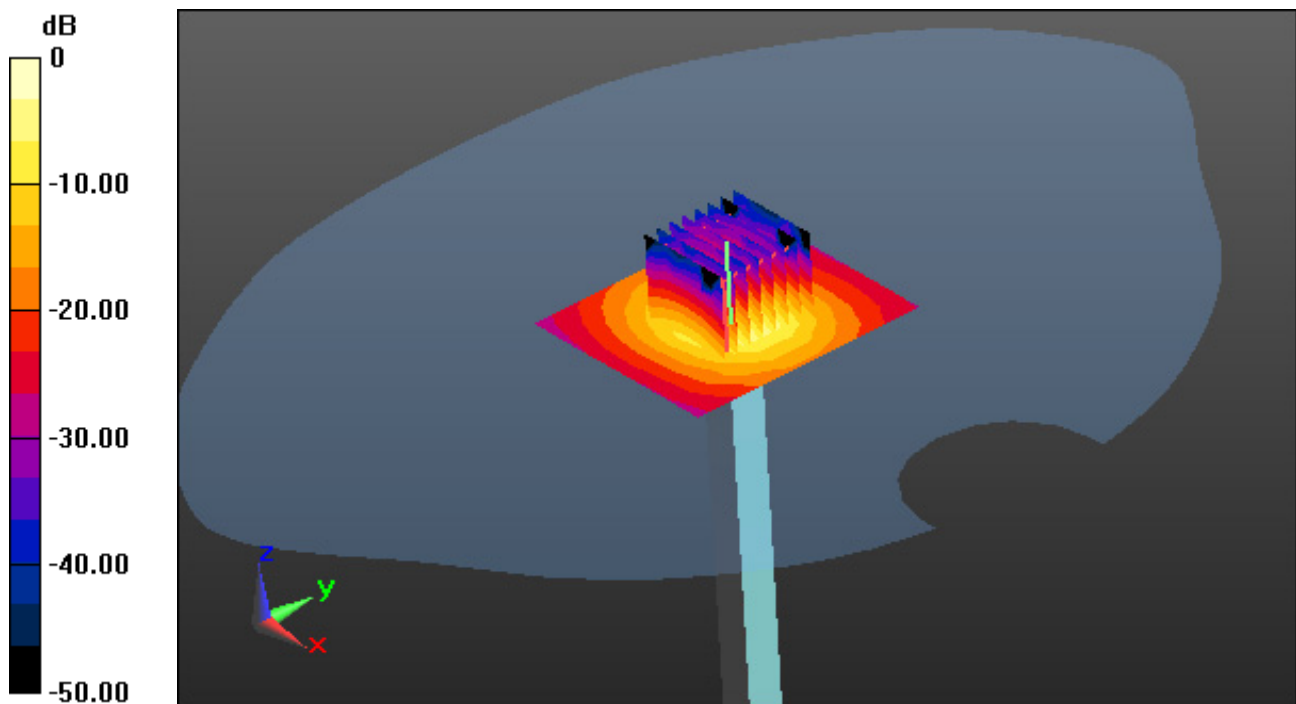
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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



0 dB = 17.54 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; $\epsilon_r = 50.477$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); 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: 2020-01-10; Ambient Temp: 20.7; Tissue Temp: 20.4

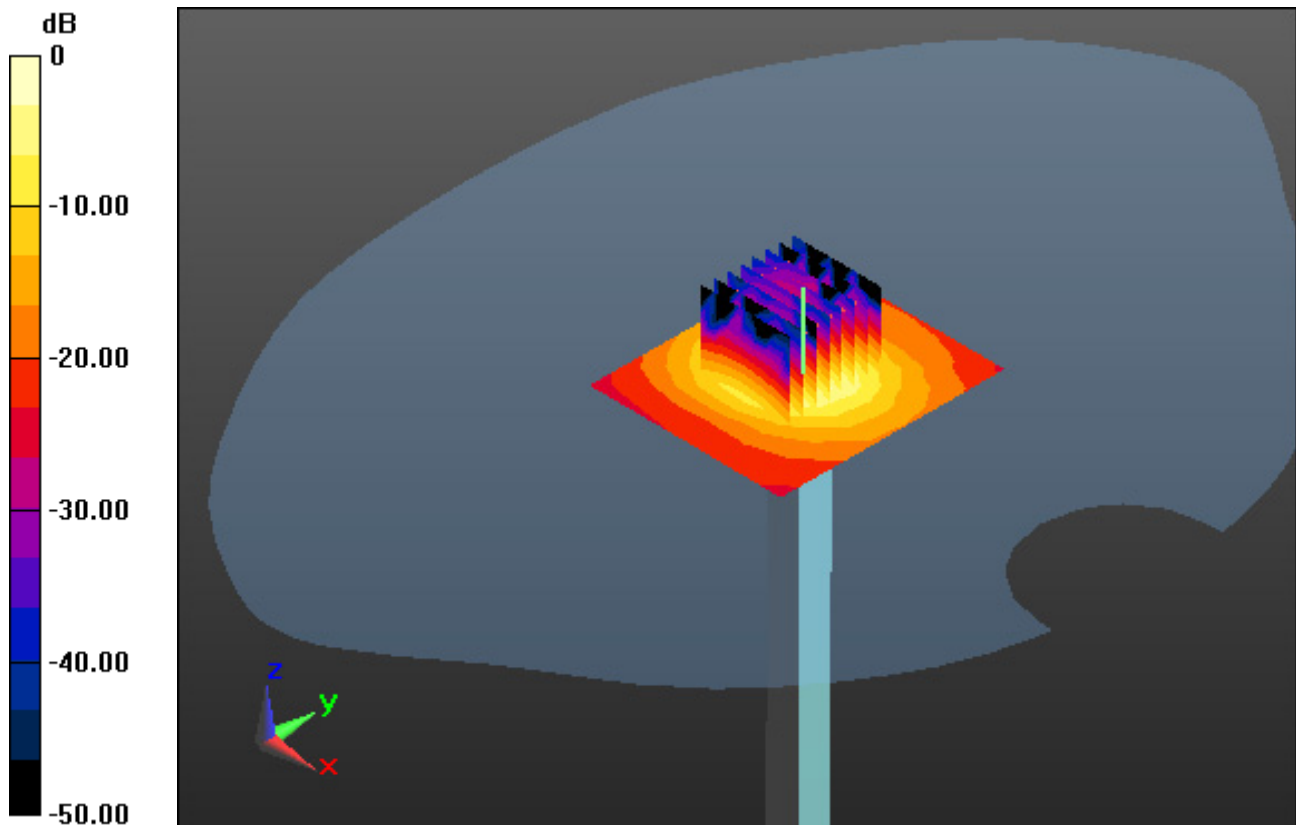
5300 MHz System Body Verification (100 mW)

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 = 0.07 dB

Peak SAR (extrapolated) = 34.4 W/kg

SAR(1 g) = 7.39 W/kg; SAR(10 g) = 2.11 W/kg



0 dB = 17.9 W/kg

DT&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 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)

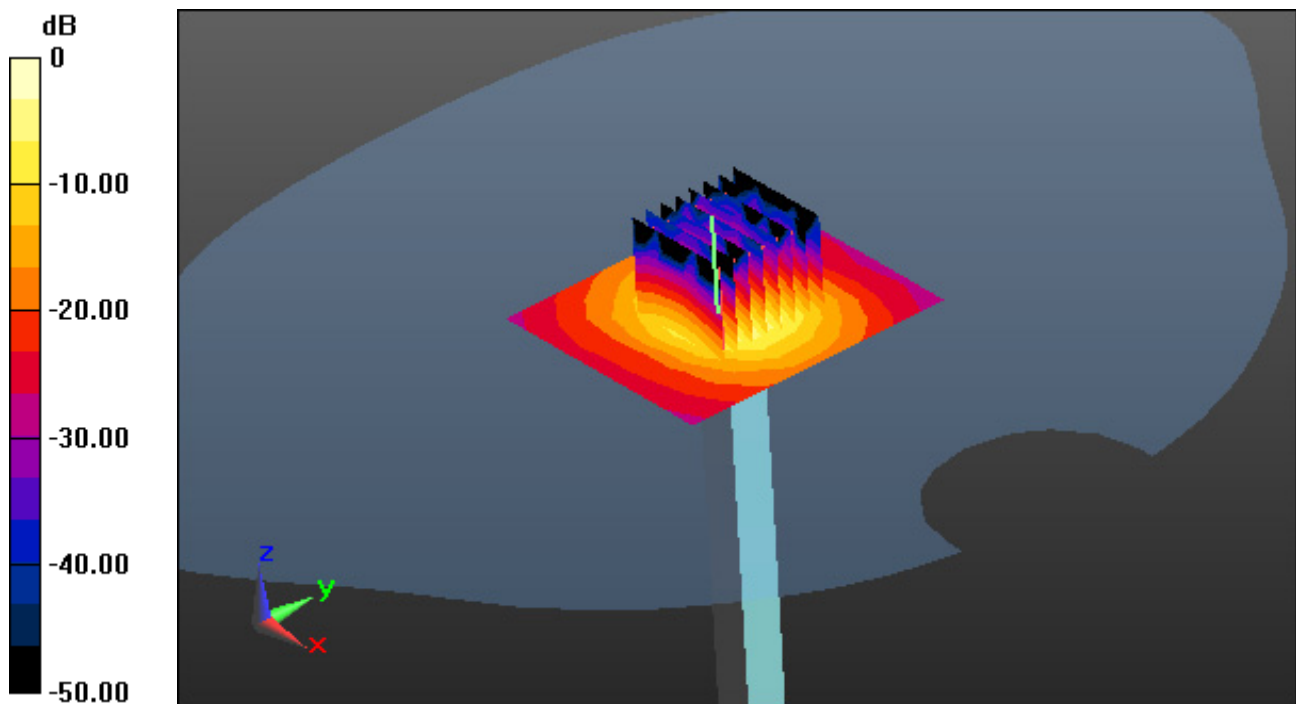
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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; $\sigma = 5.605$ S/m; $\epsilon_r = 49.842$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); 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: 2020-01-13; Ambient Temp: 20.9; Tissue Temp: 21.5

5500 MHz System Body Verification (100 mW)

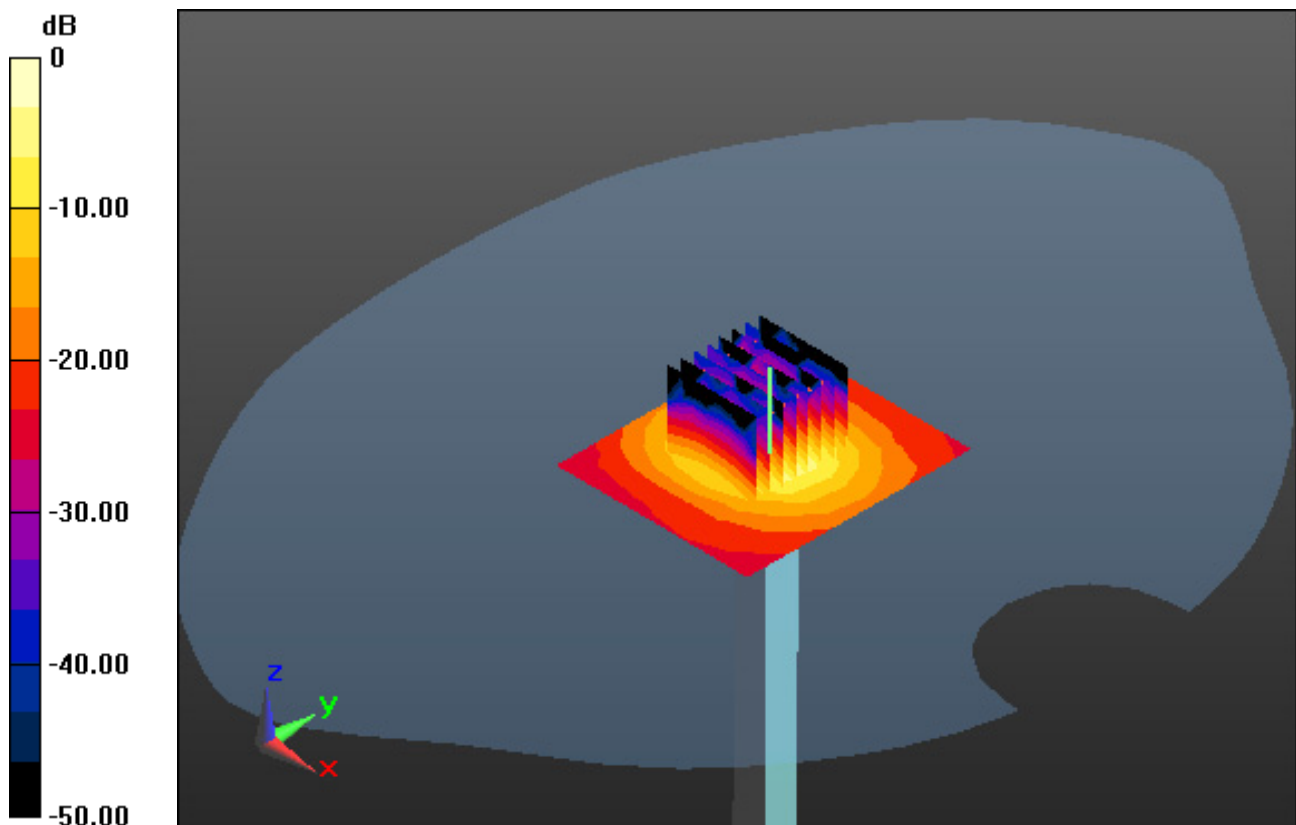
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 34.2 W/kg

SAR(1 g) = 8.19 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 17.5 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)

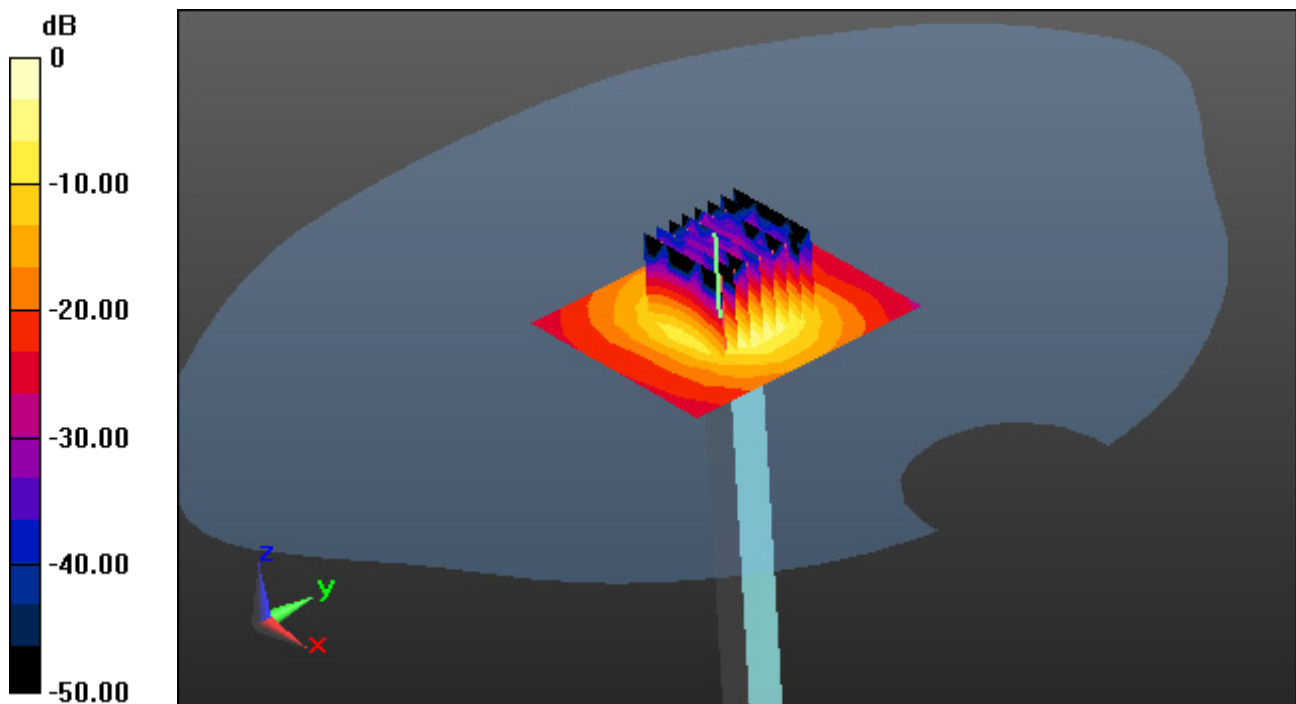
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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; $\sigma = 5.935$ S/m; $\epsilon_r = 49.655$; $\rho = 1000$ 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: 2020-01-14; Ambient Temp: 21.5; Tissue Temp: 21.7

5800 MHz System Body Verification (100 mW)

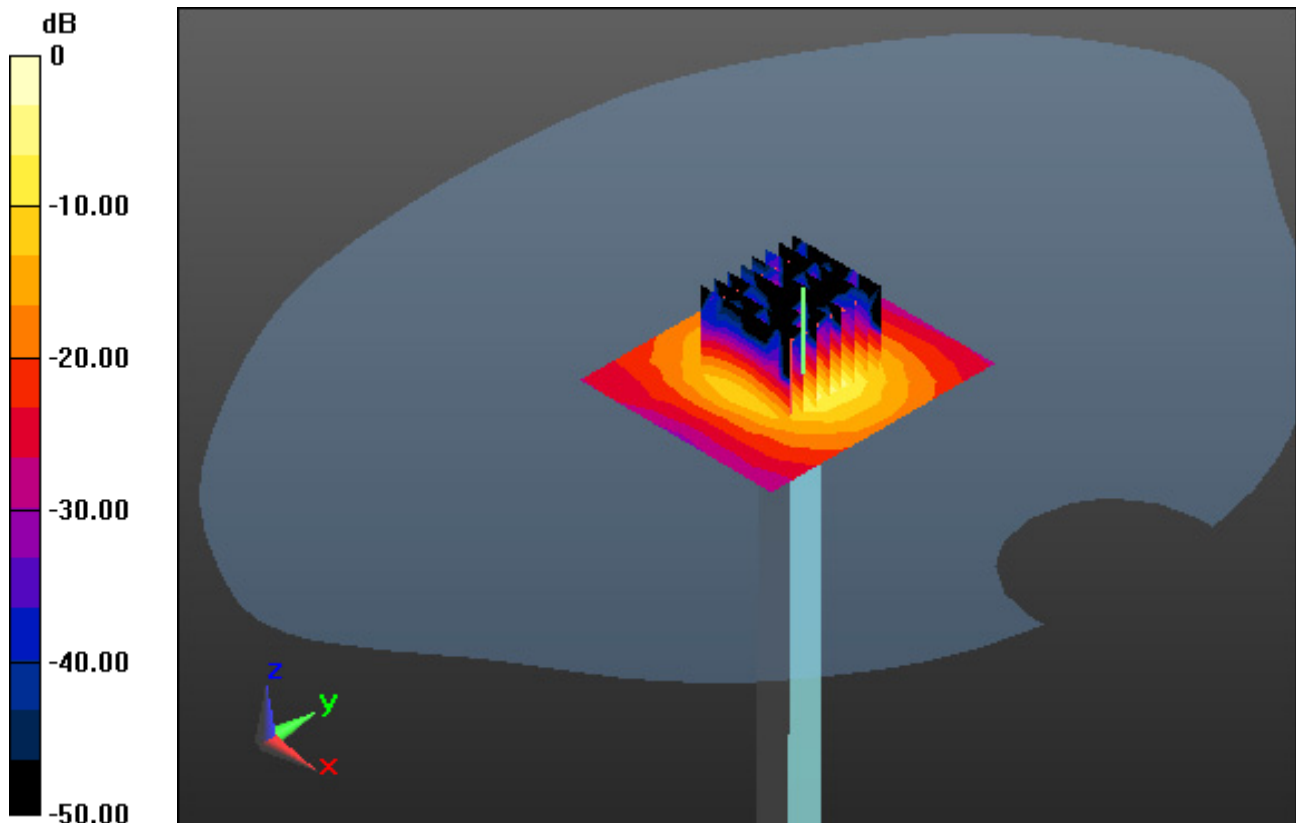
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.13 W/kg



0 dB = 18.4 W/kg

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.831$ S/m; $\epsilon_r = 40.444$; $\rho = 1000$ kg/m³

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: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 20.9

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

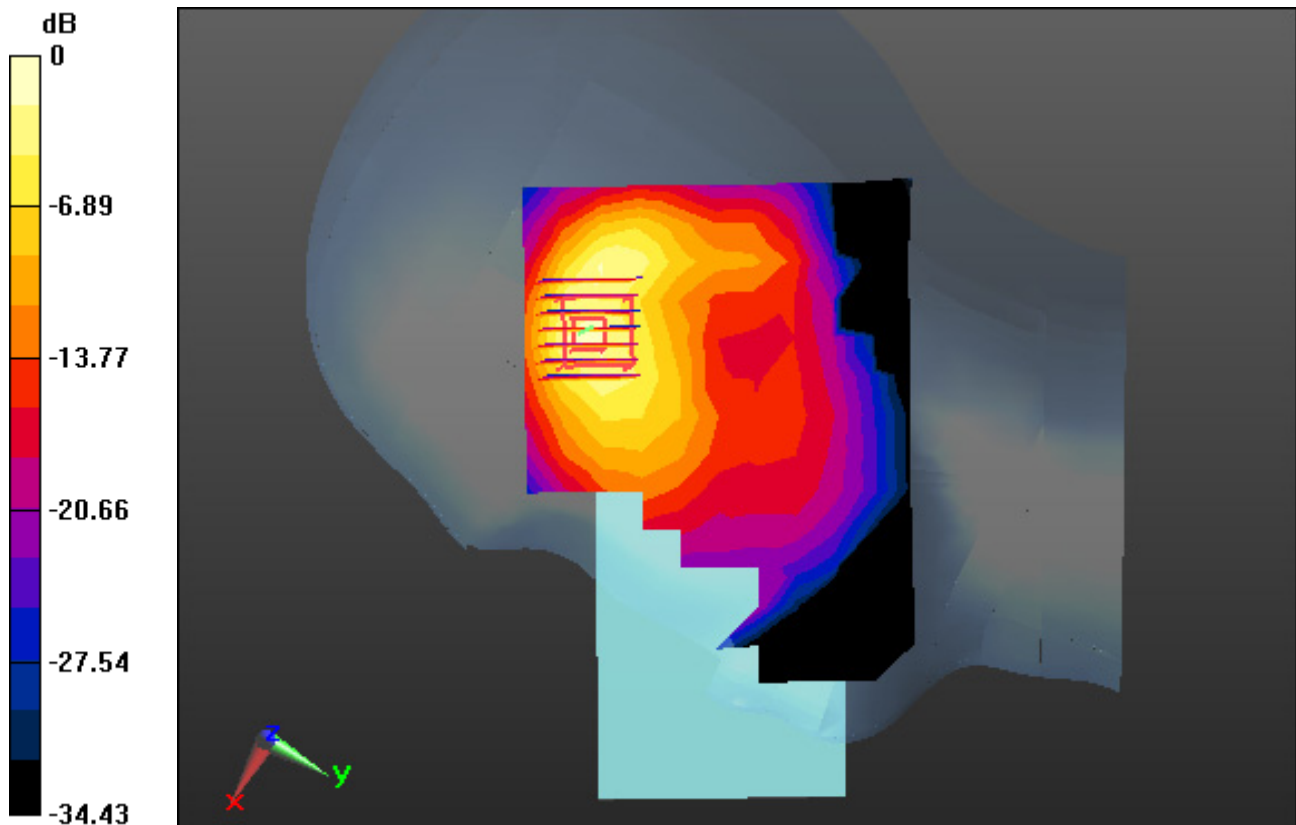
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

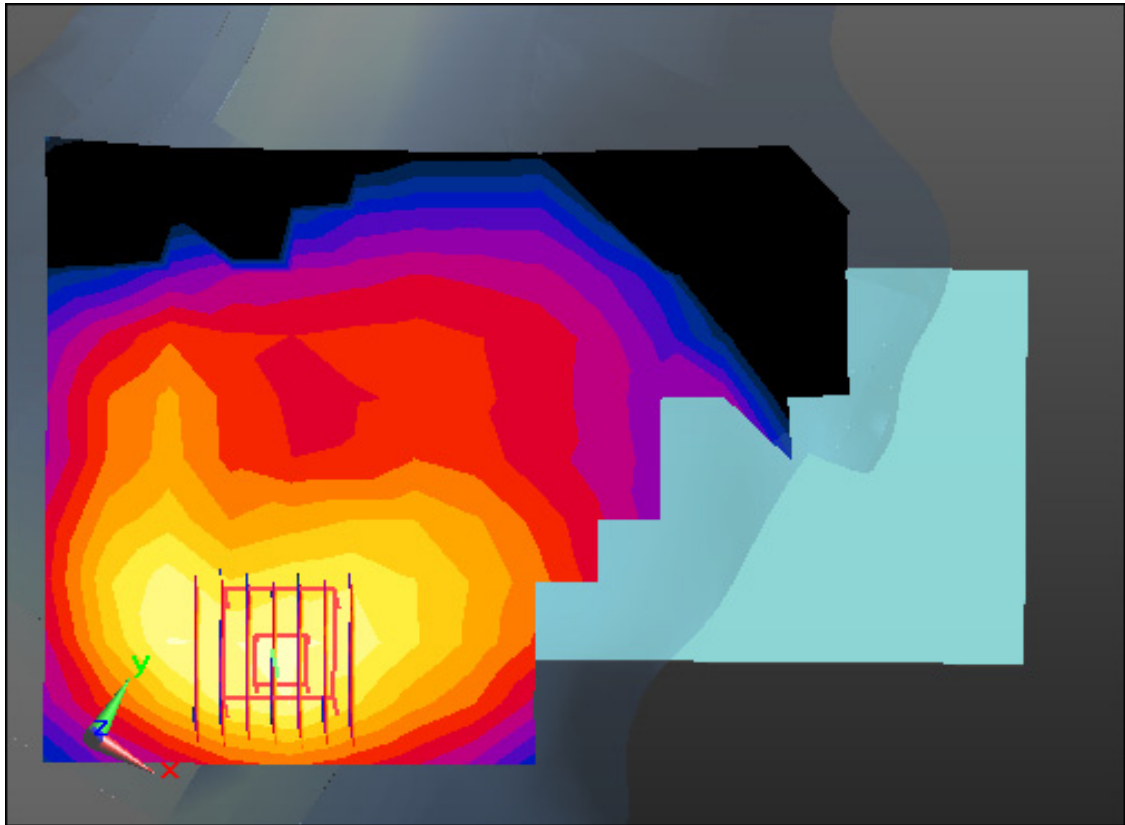
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.202 W/kg



0 dB = 0.823 W/kg



Enlarged Plot for A1

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.893 \text{ S/m}$; $\epsilon_r = 34.989$; $\rho = 1000 \text{ kg/m}^3$
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 14.6.13 (7474)

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

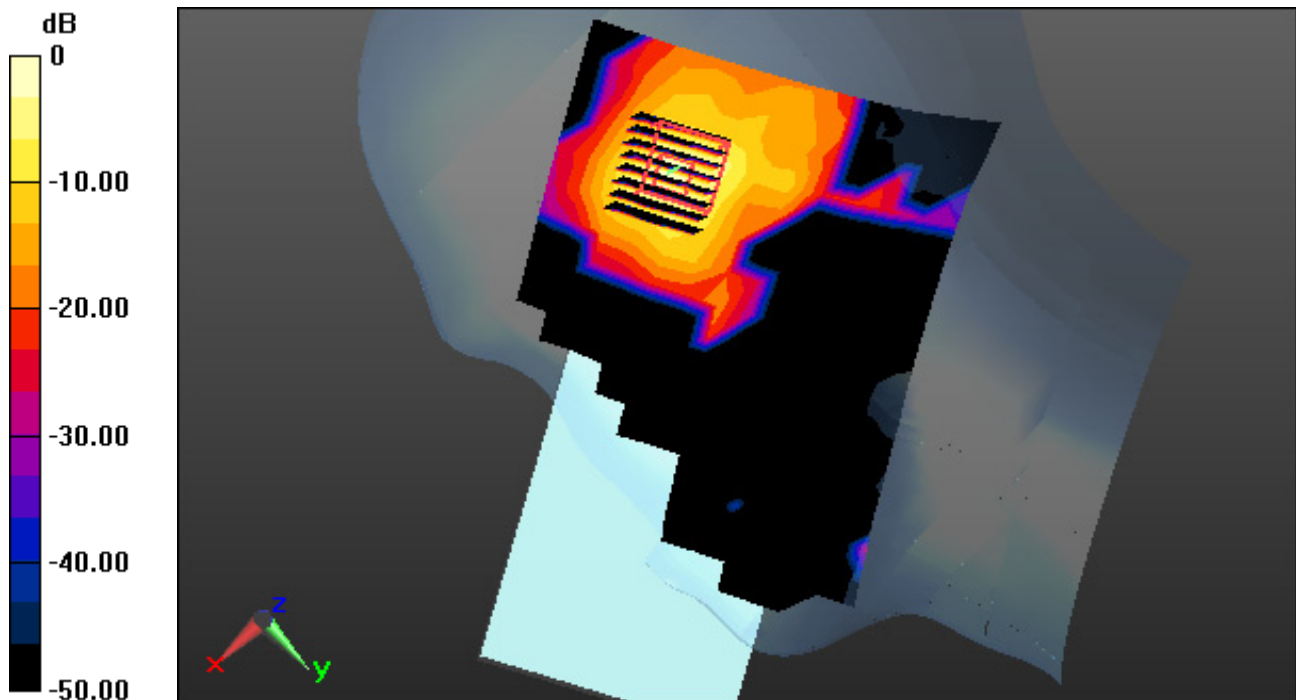
Right Touch, WLAN(802.11a) Ch. 64, Ant Internal, Standard Battery

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

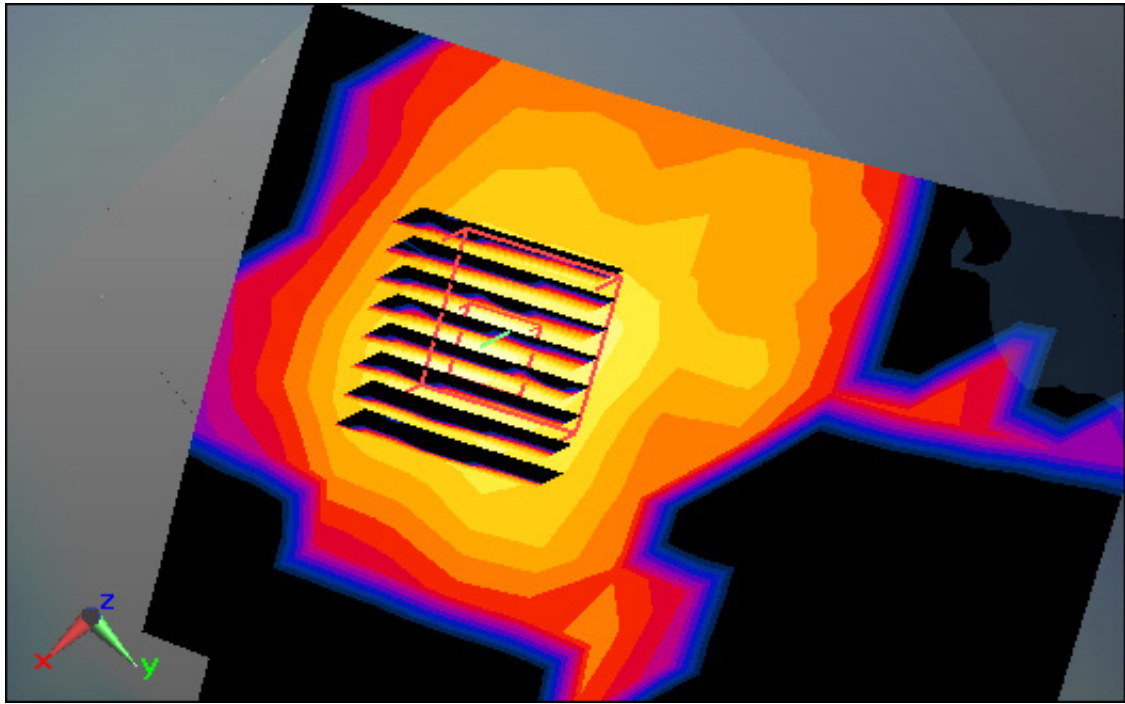
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.114 W/kg



0 dB = 1.07 W/kg



Enlarged Plot for A2

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

Communication System: UID 0, W-LAN_5 GHz(FCC) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.125 \text{ S/m}$; $\epsilon_r = 34.484$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right 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

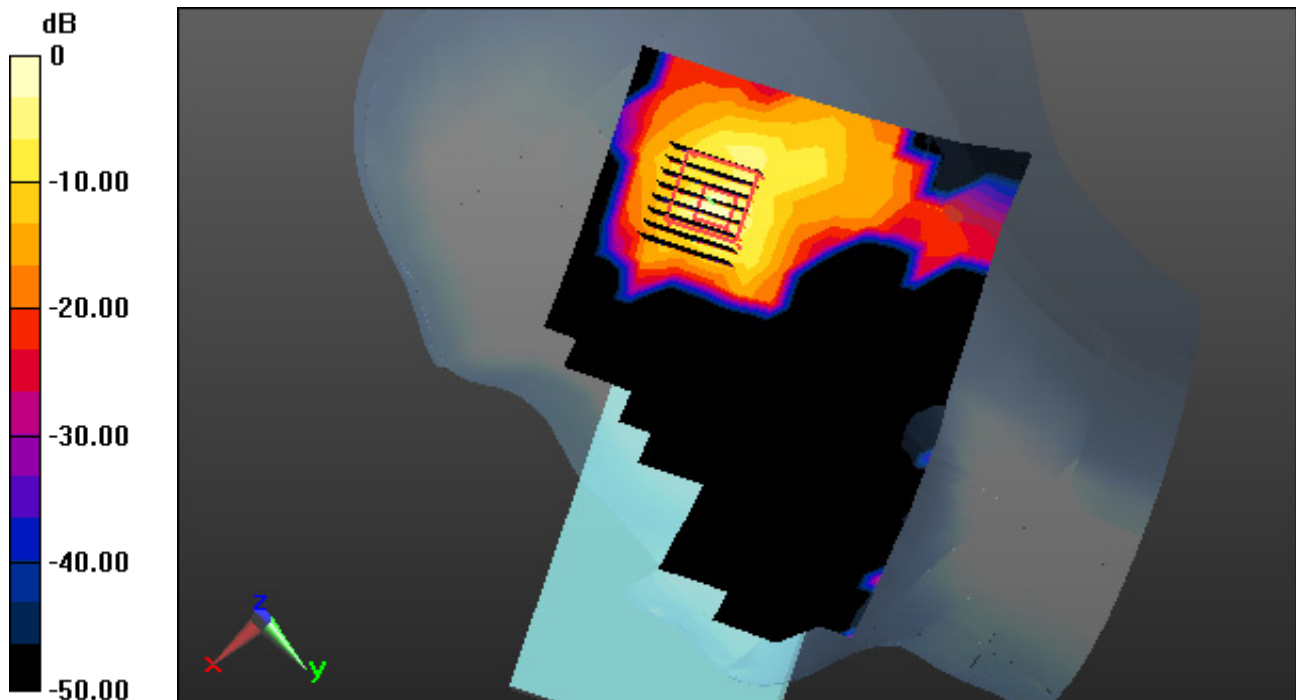
Right Touch, WLAN(802.11a) Ch. 100, Ant Internal, Standard Battery

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

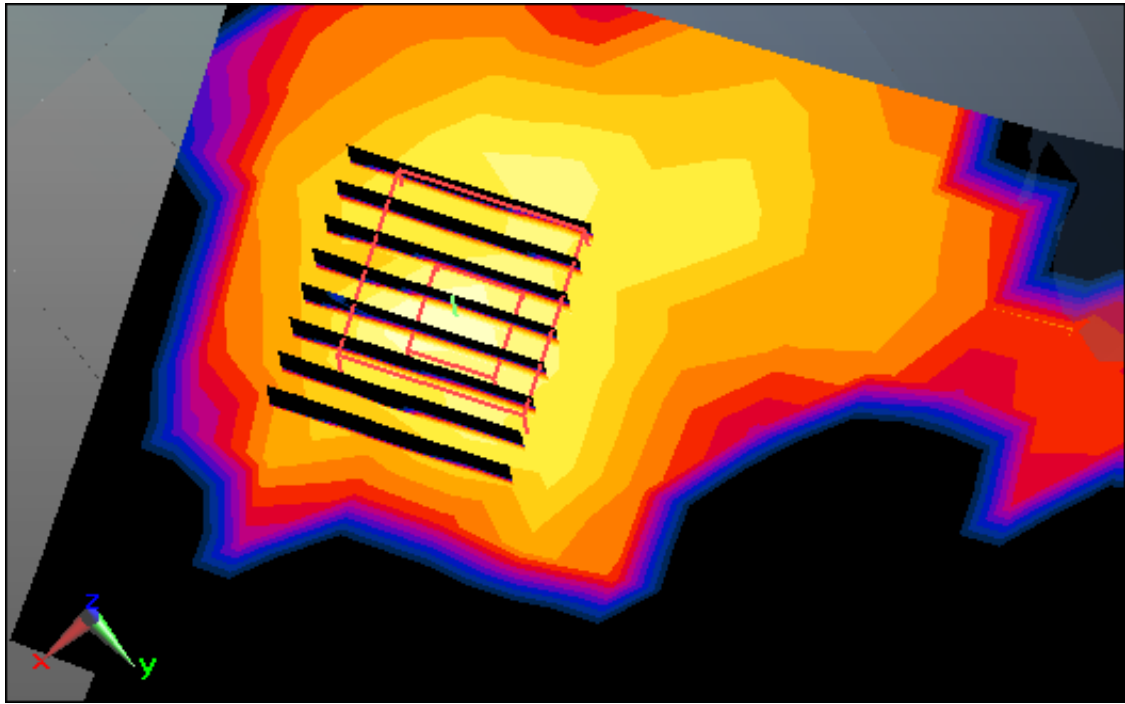
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4
Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.850 W/kg



Enlarged Plot for A3

DT&C Co., Ltd.

DUT: LM-V600V; 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 14.6.13 (7474)

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

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

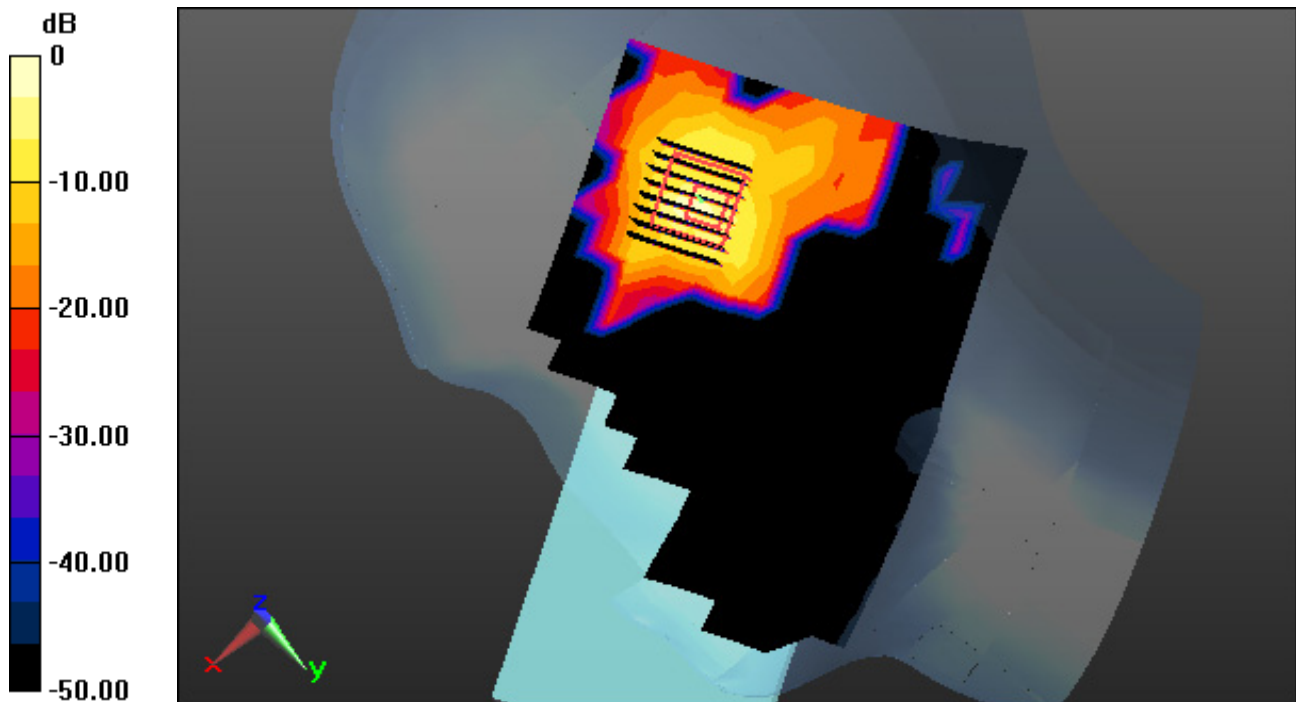
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

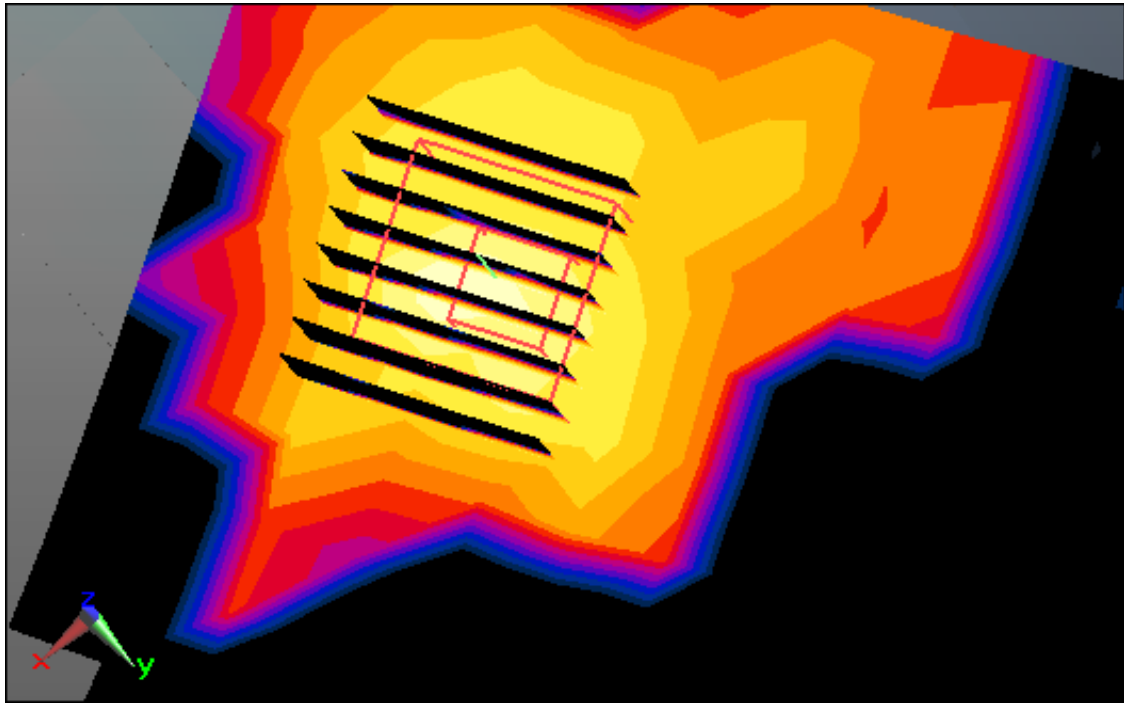
Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.066 W/kg



0 dB = 0.897 W/kg



Enlarged Plot for A4

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.836$ S/m; $\epsilon_r = 40.431$; $\rho = 1000$ kg/m³

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: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 20.9

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

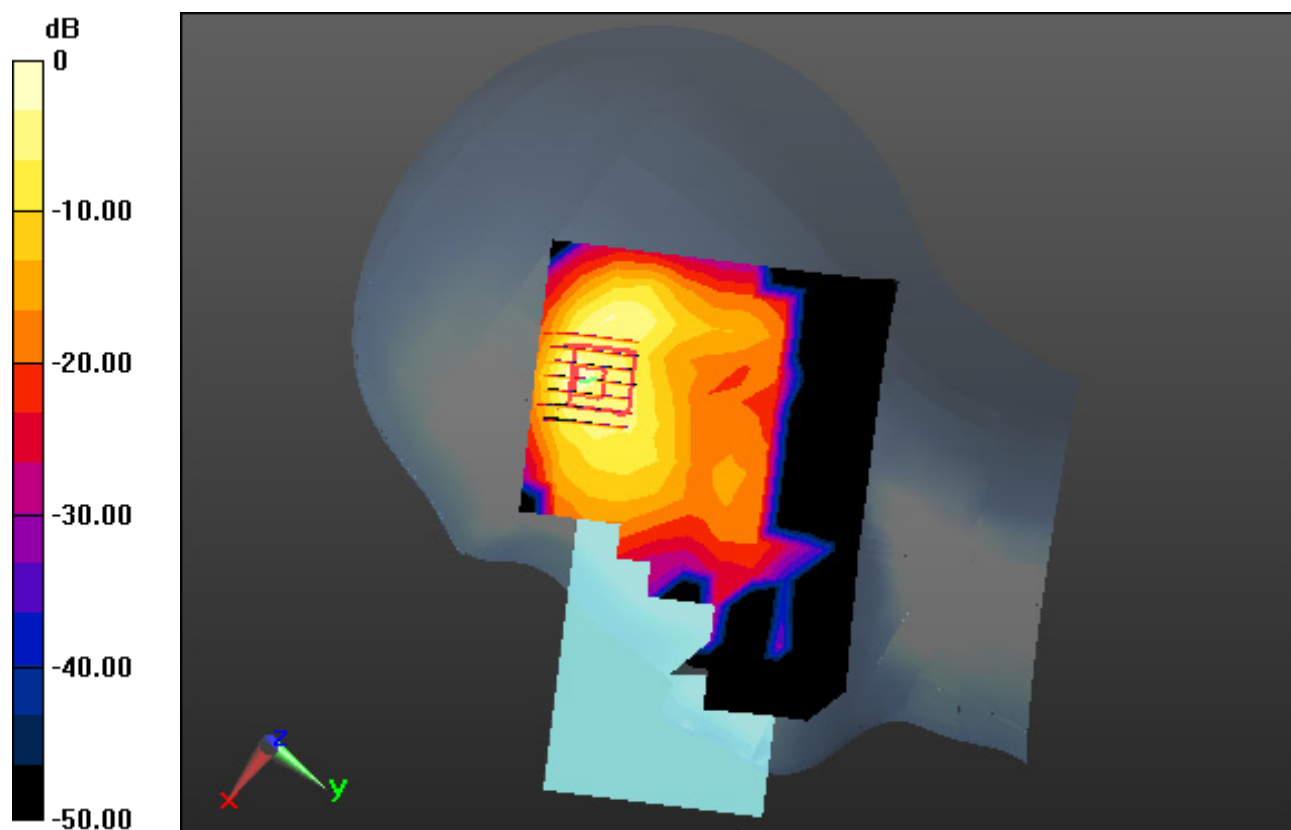
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

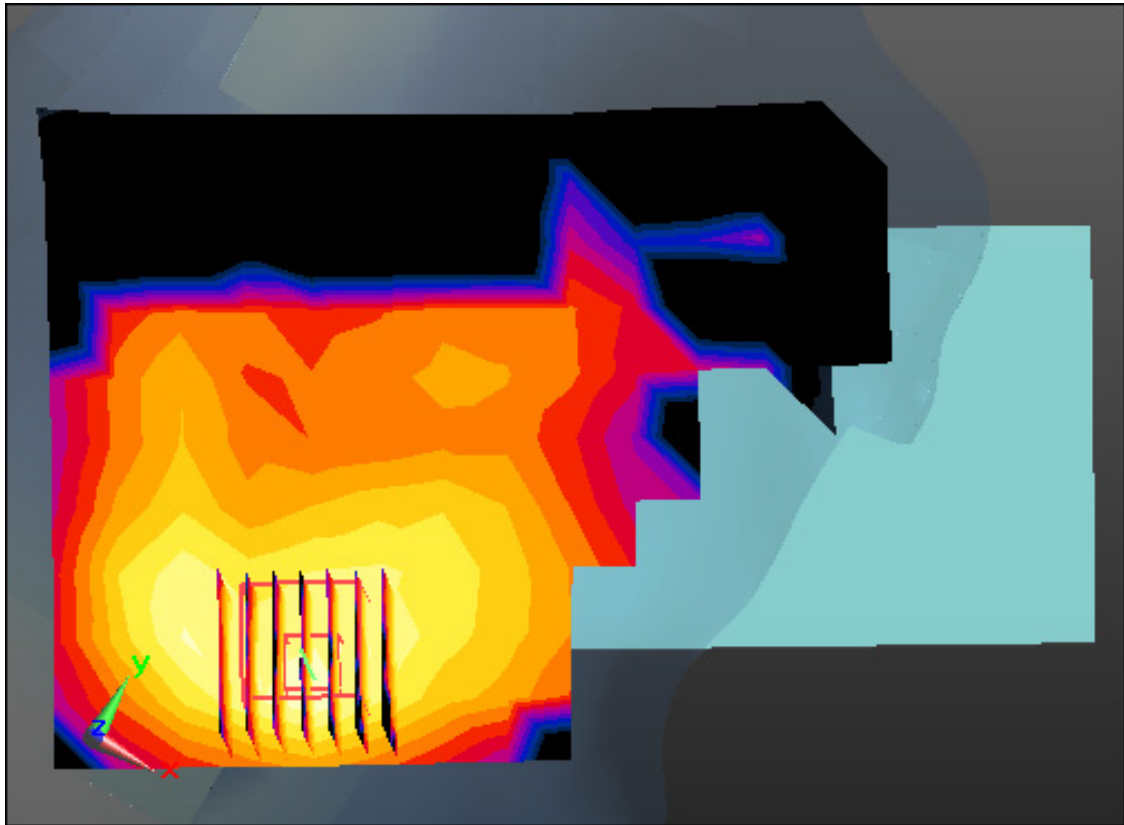
Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.073 W/kg



0 dB = 0.364 W/kg



Enlarged Plot for A5

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.903 \text{ S/m}$; $\epsilon_r = 51.107$; $\rho = 1000 \text{ kg/m}^3$

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

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

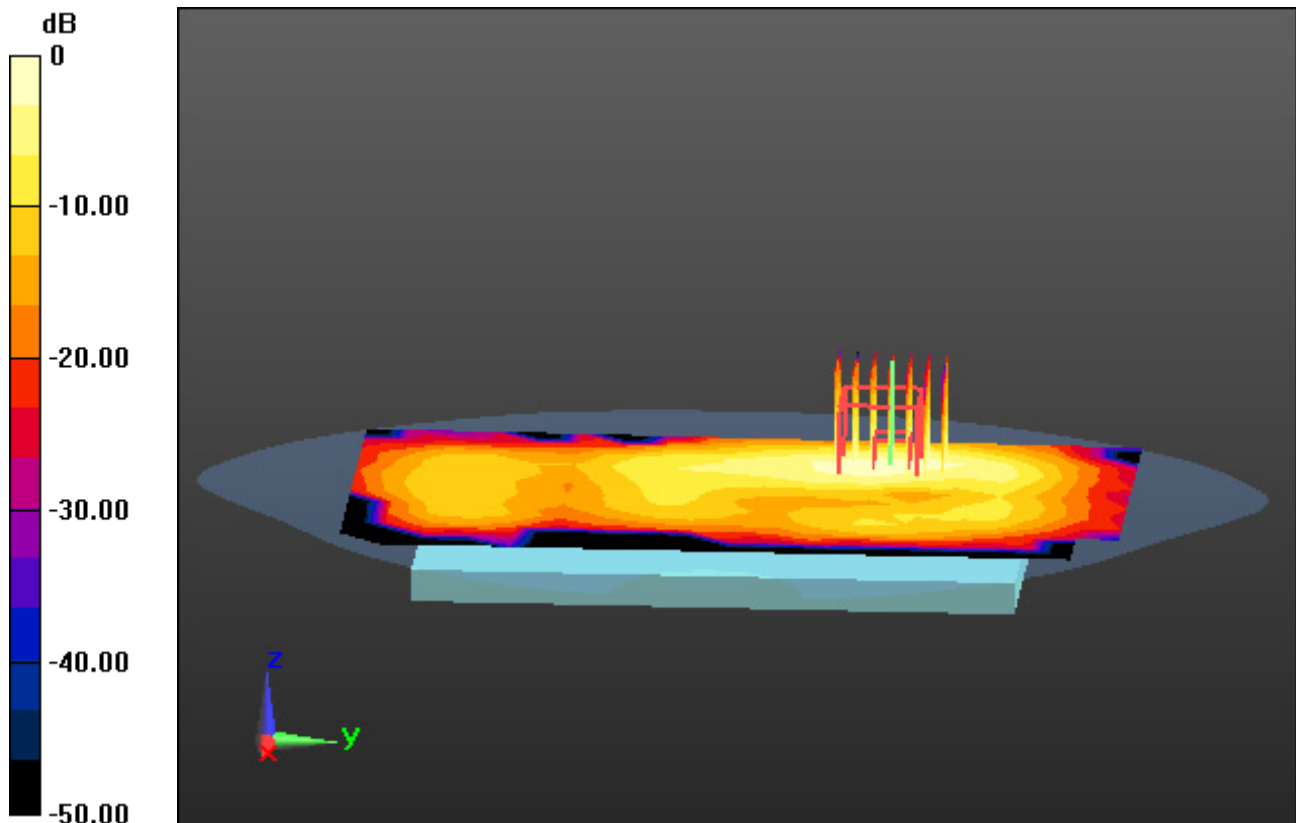
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

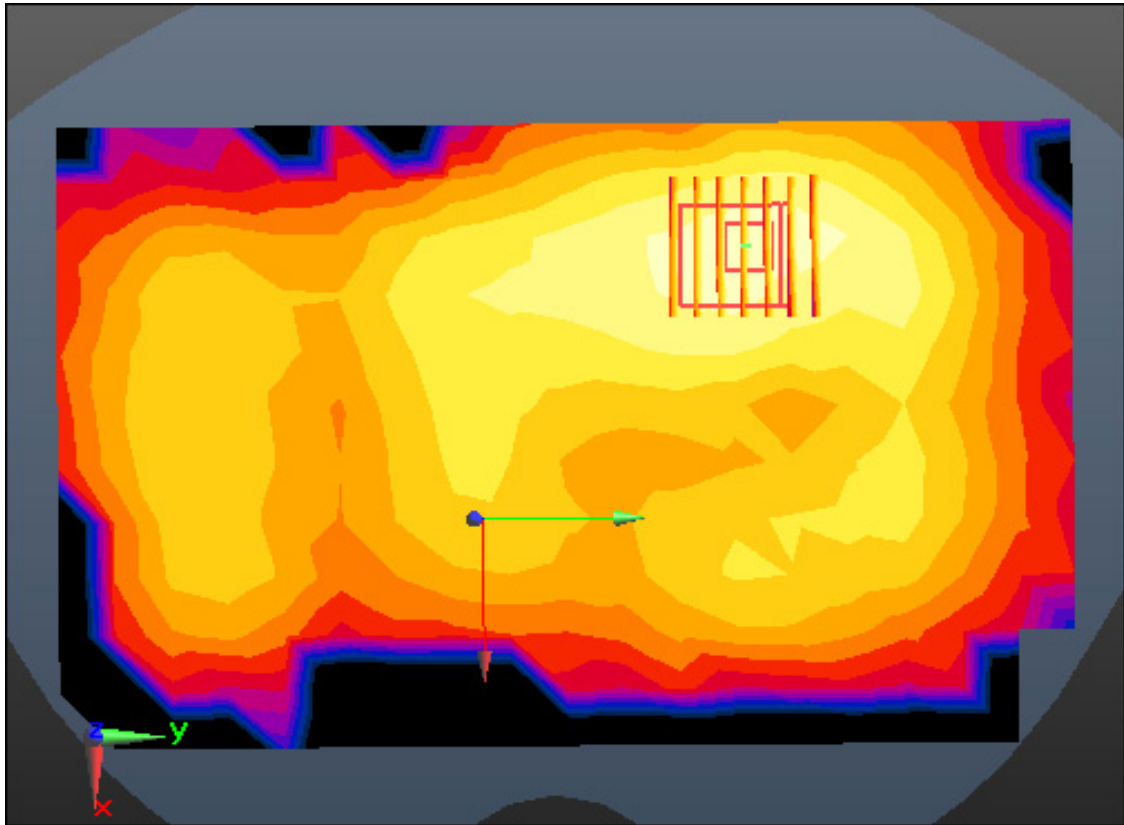
Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.063 W/kg



0 dB = 0.202 W/kg



Enlarged Plot for A6

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.34 \text{ S/m}$; $\epsilon_r = 50.433$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); 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: 2020-01-10; Ambient Temp: 20.7; Tissue Temp: 20.4

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

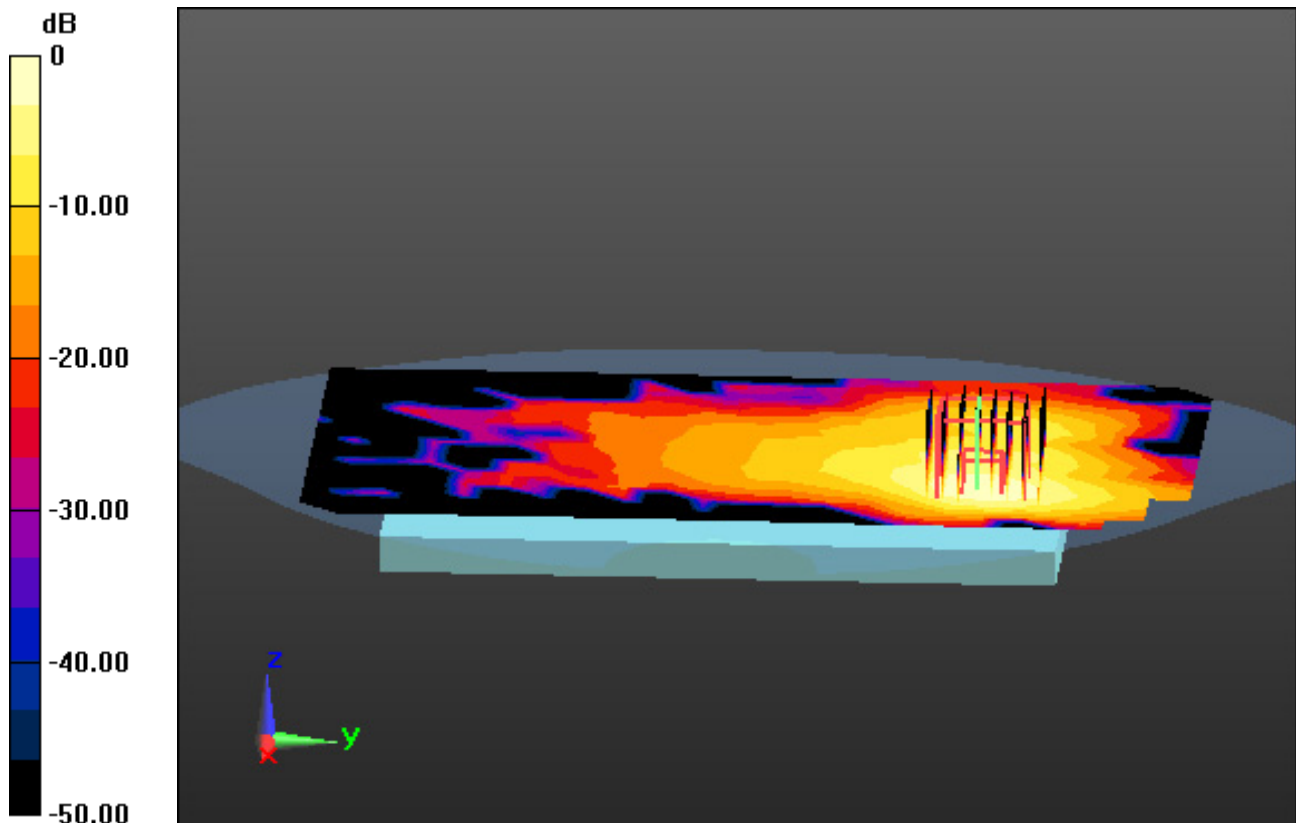
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

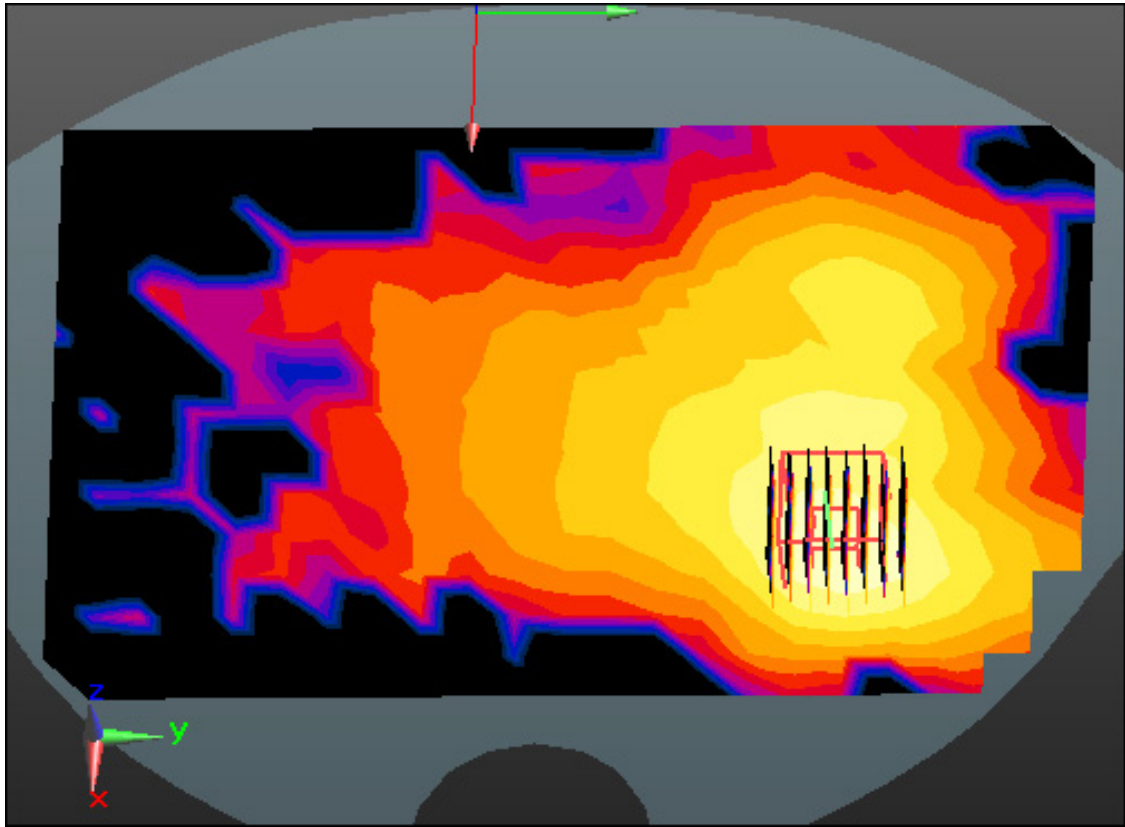
Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.085 W/kg



0 dB = 0.547 W/kg



Enlarged Plot for A7

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.605$ S/m; $\epsilon_r = 49.842$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); 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: 2020-01-13; Ambient Temp: 20.9; Tissue Temp: 21.5

1 cm space from Body, Rear, WLAN(802.11a) Ch. 100, Ant Internal

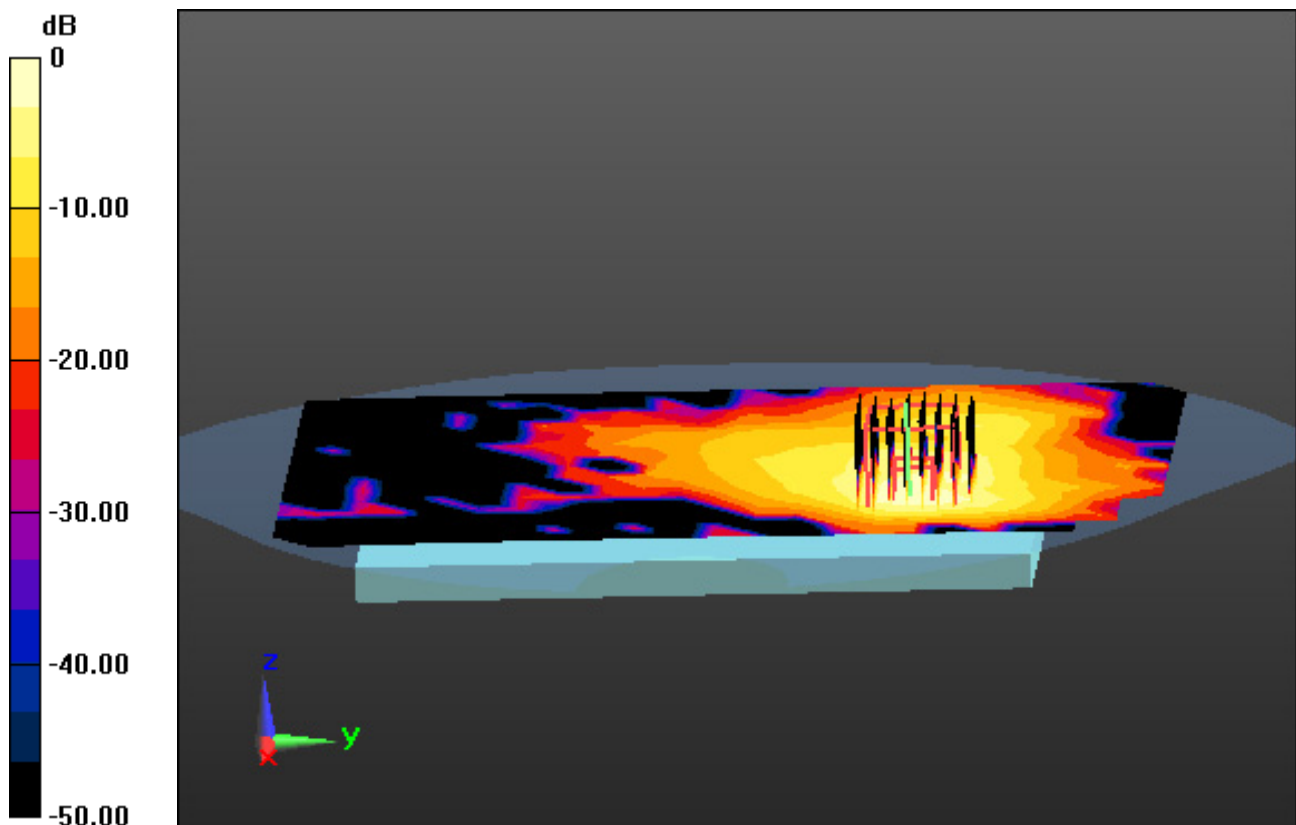
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

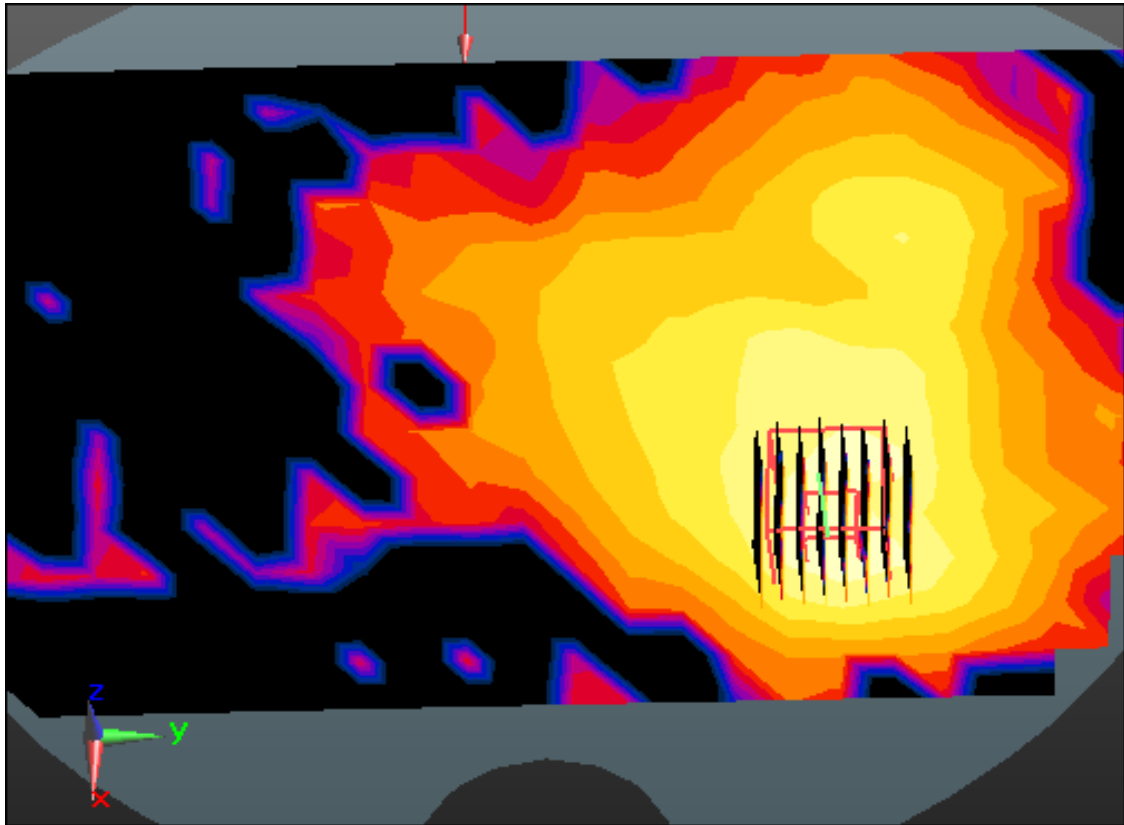
Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.449 W/kg



Enlarged Plot for A8

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.818 \text{ S/m}$; $\epsilon_r = 50.031$; $\rho = 1000 \text{ kg/m}^3$

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: 2020-01-14; Ambient Temp: 21.5; Tissue Temp: 21.7

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

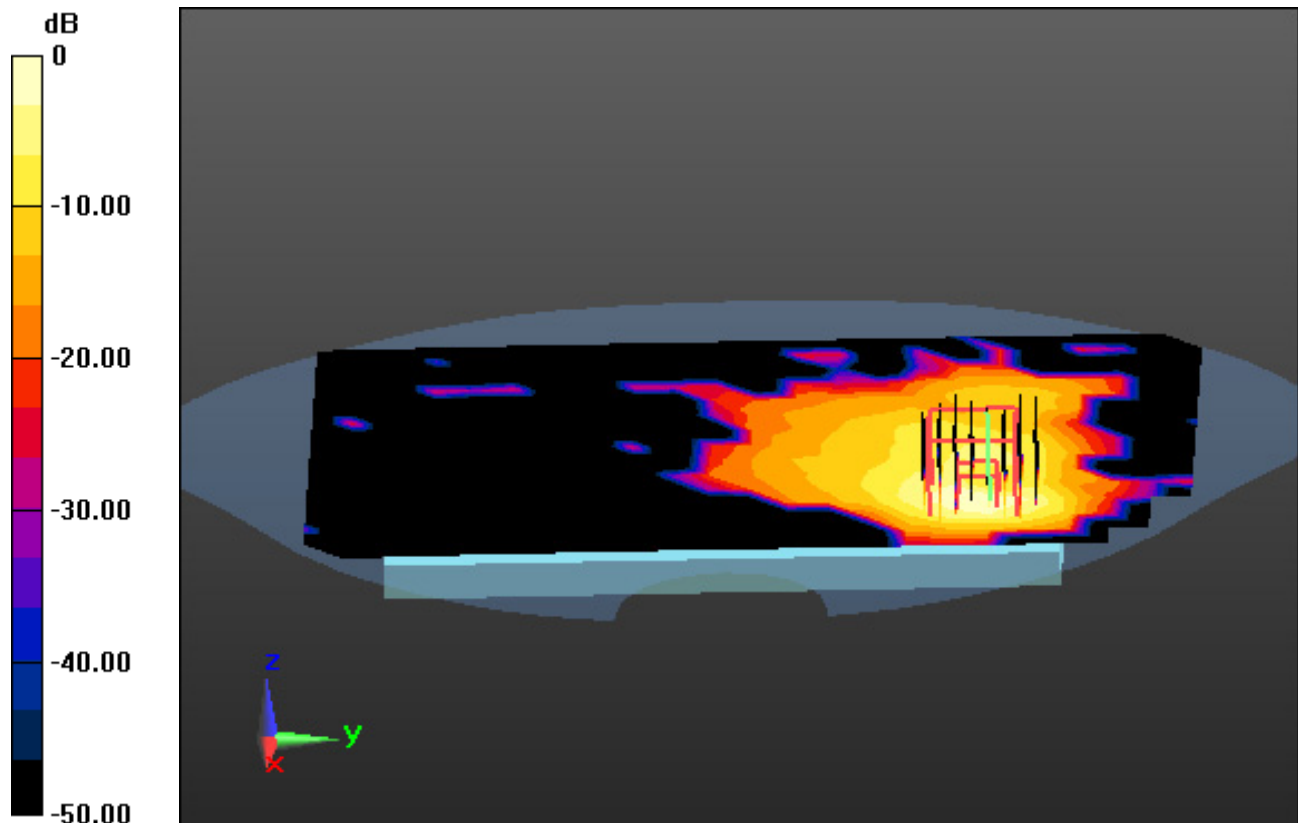
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

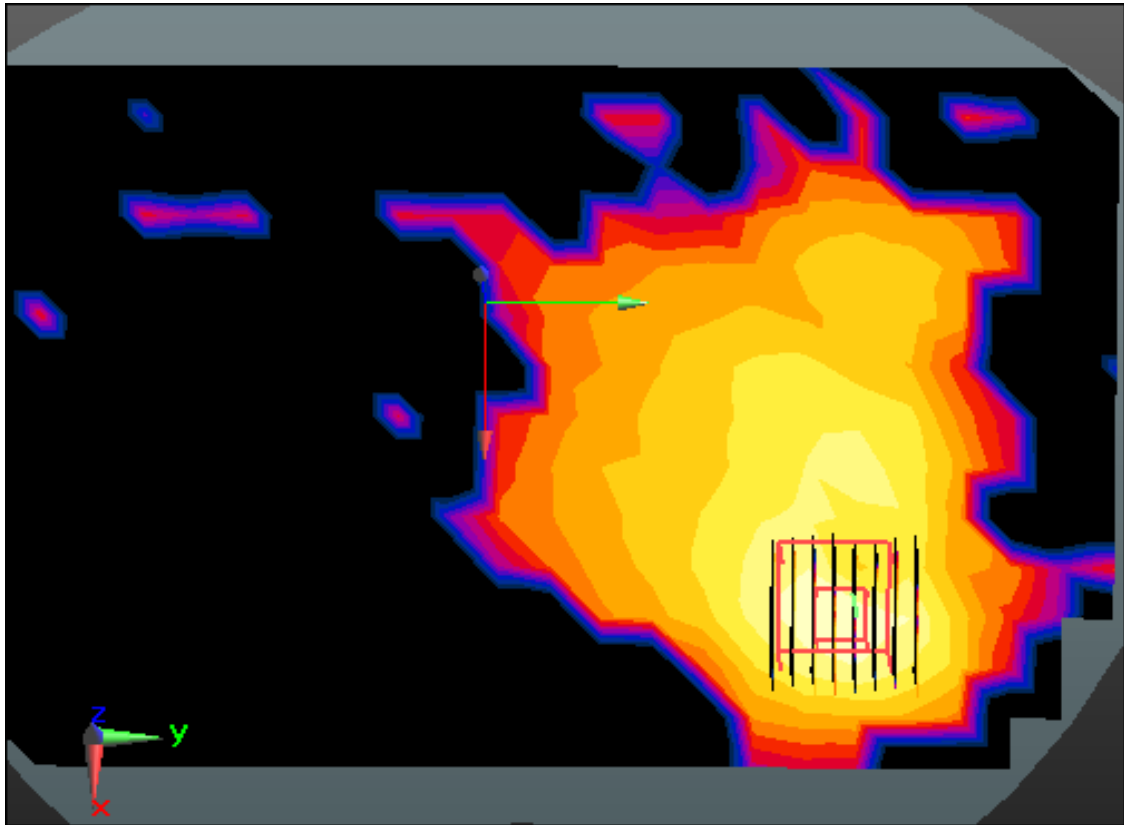
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.366 W/kg



Enlarged Plot for A9

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 51.098$; $\rho = 1000$ 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: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

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

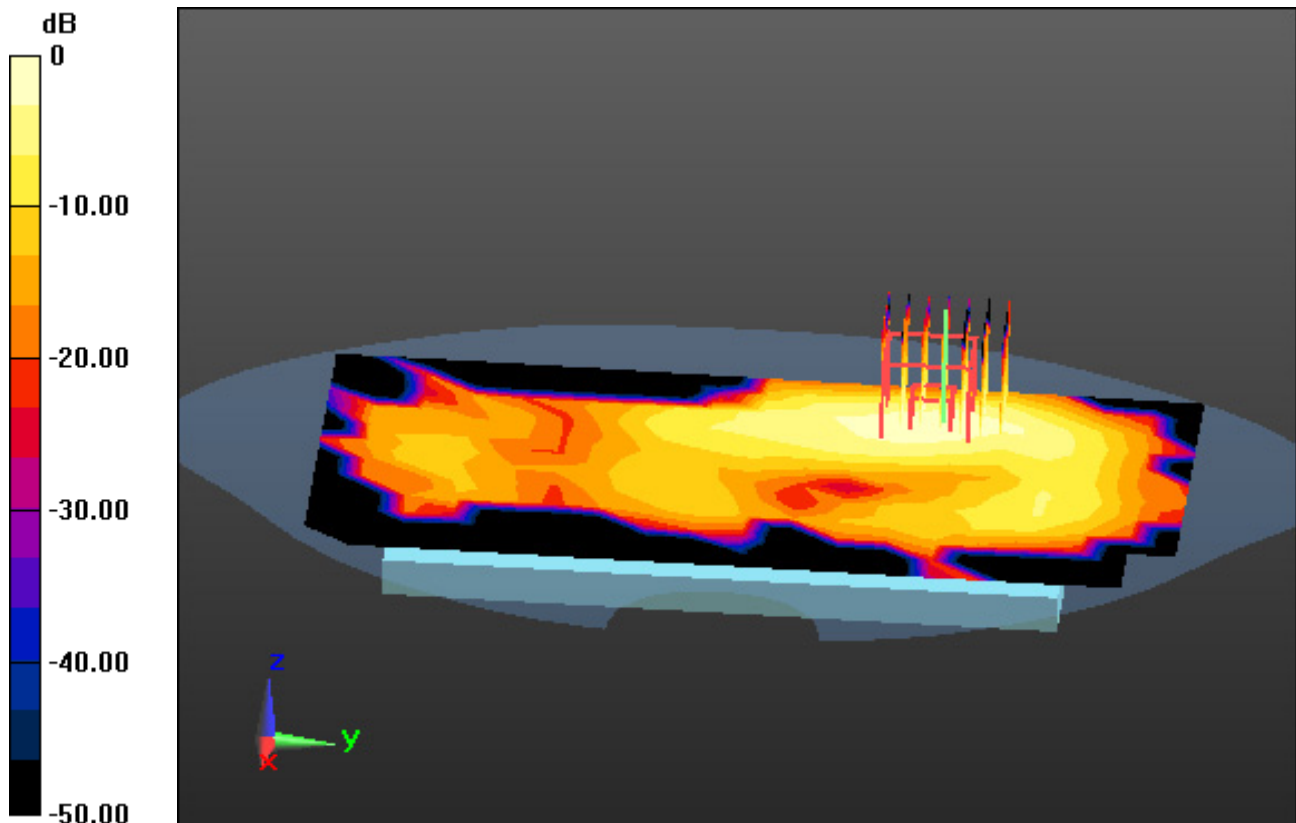
Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm

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

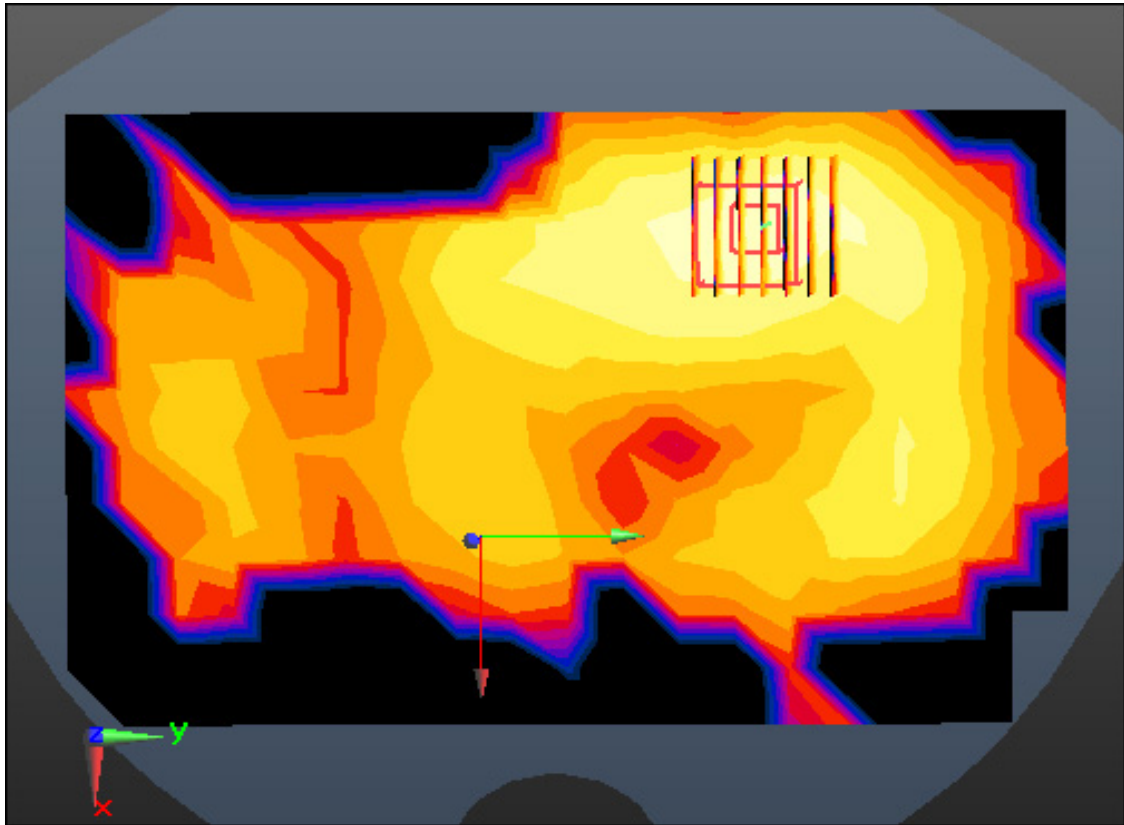
Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0630 W/kg

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



0 dB = 0.0477 W/kg



Enlarged Plot for A10

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.903 \text{ S/m}$; $\epsilon_r = 51.107$; $\rho = 1000 \text{ kg/m}^3$

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

Touch from Body, Front, WLAN(802.11b) Ch. 6, Ant Internal

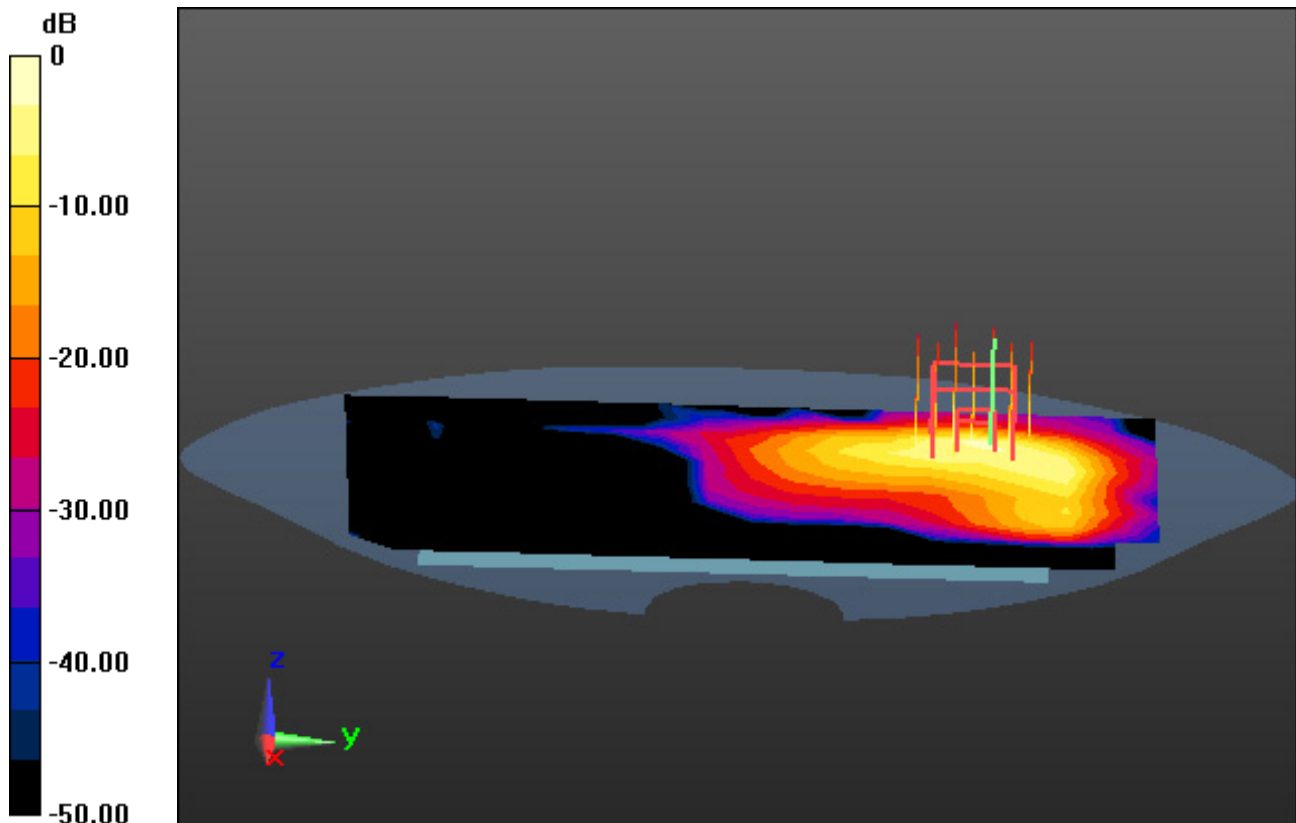
Area Scan (12x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

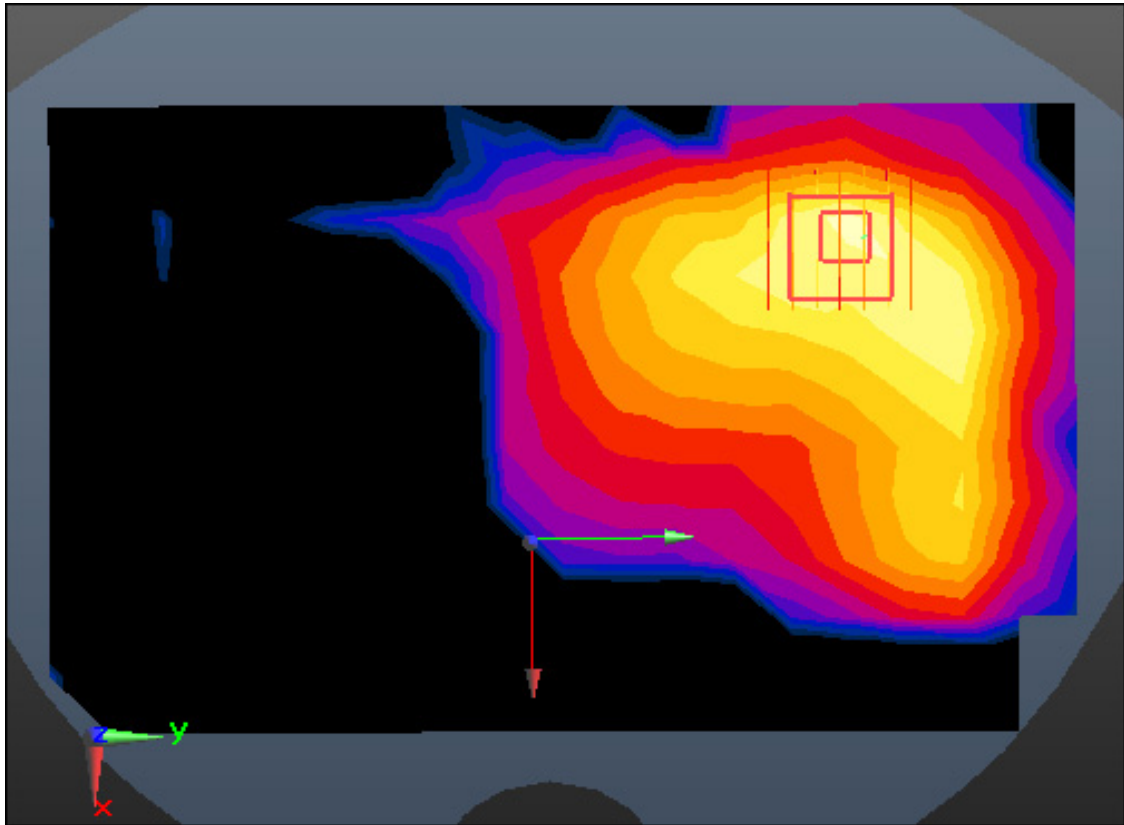
Power Drift = 0.15 dB

Peak SAR (extrapolated) = 4.32 W/kg

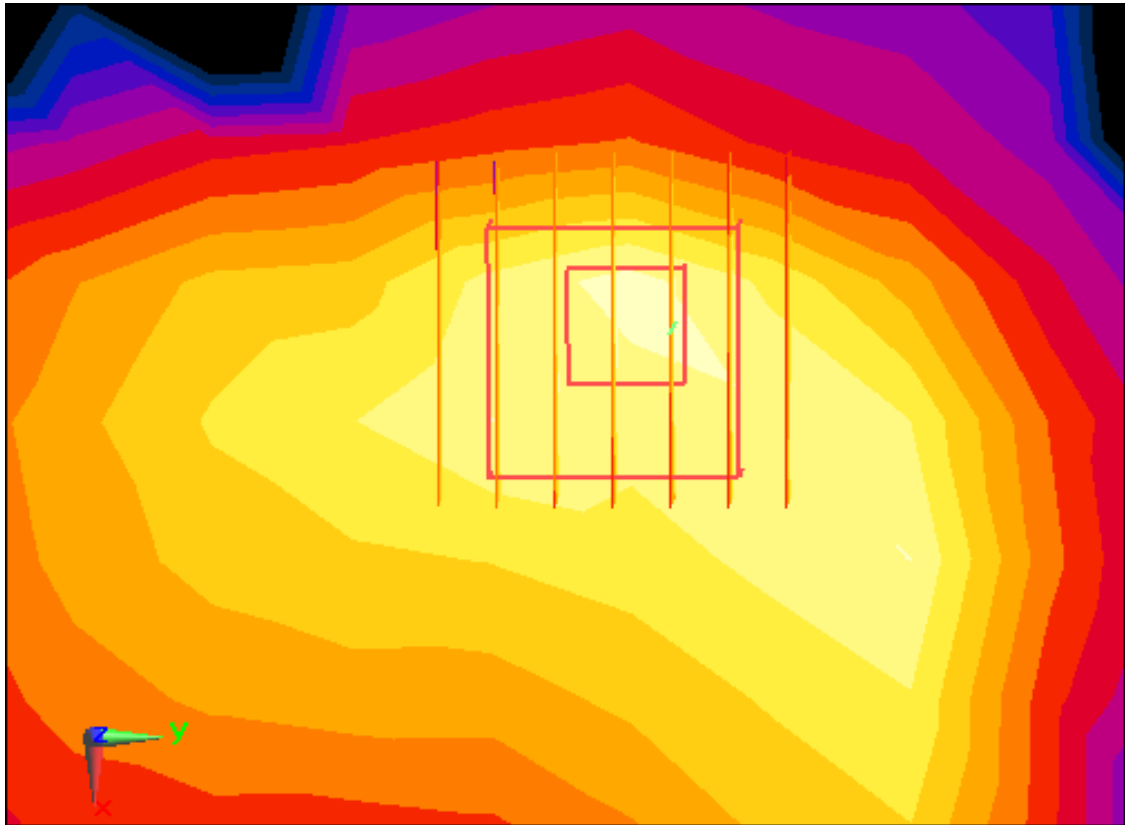
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.486 W/kg



0 dB = 2.83 W/kg



Enlarged Plot for A11



Enlarged Plot for A11

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.34 \text{ S/m}$; $\epsilon_r = 50.433$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.56, 4.56, 4.56); 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: 2020-01-10; Ambient Temp: 20.7; Tissue Temp: 20.4

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

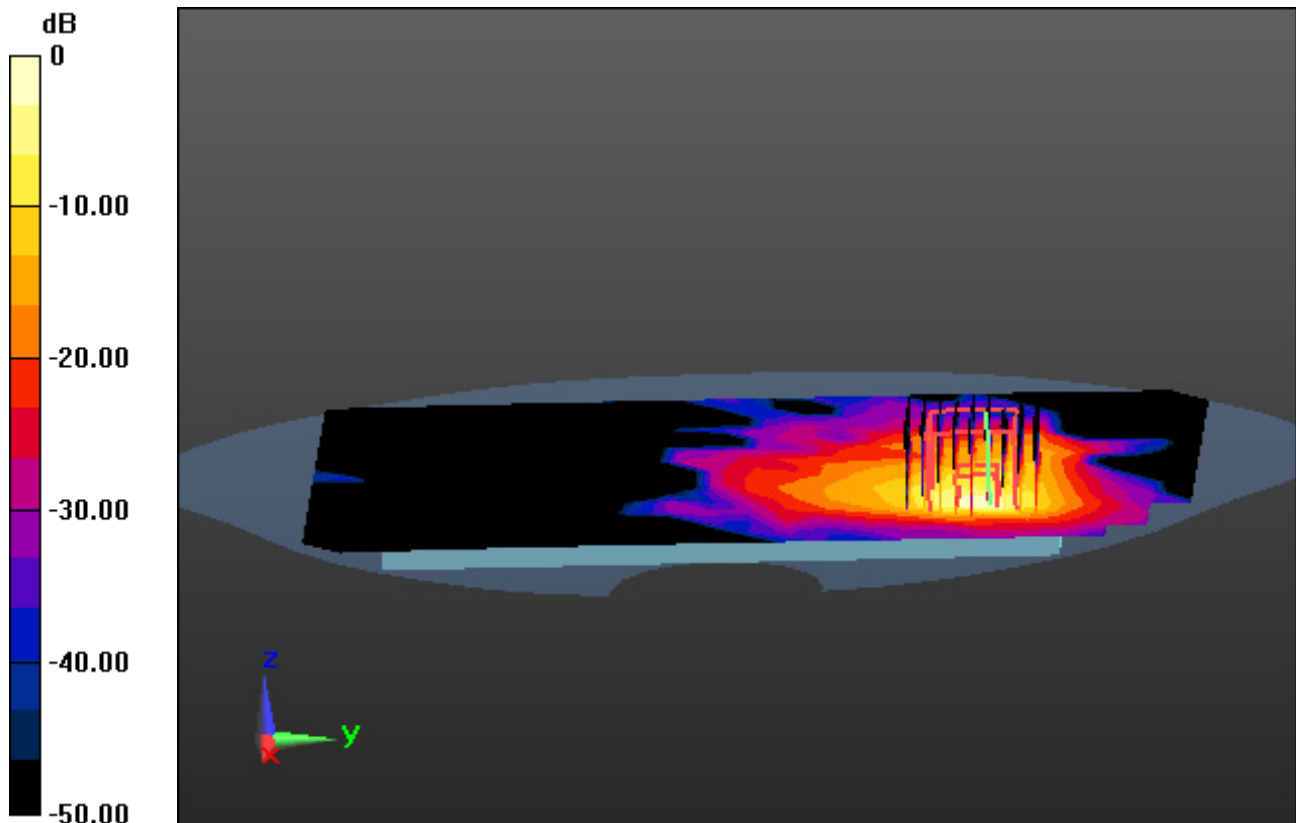
Area Scan (15x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

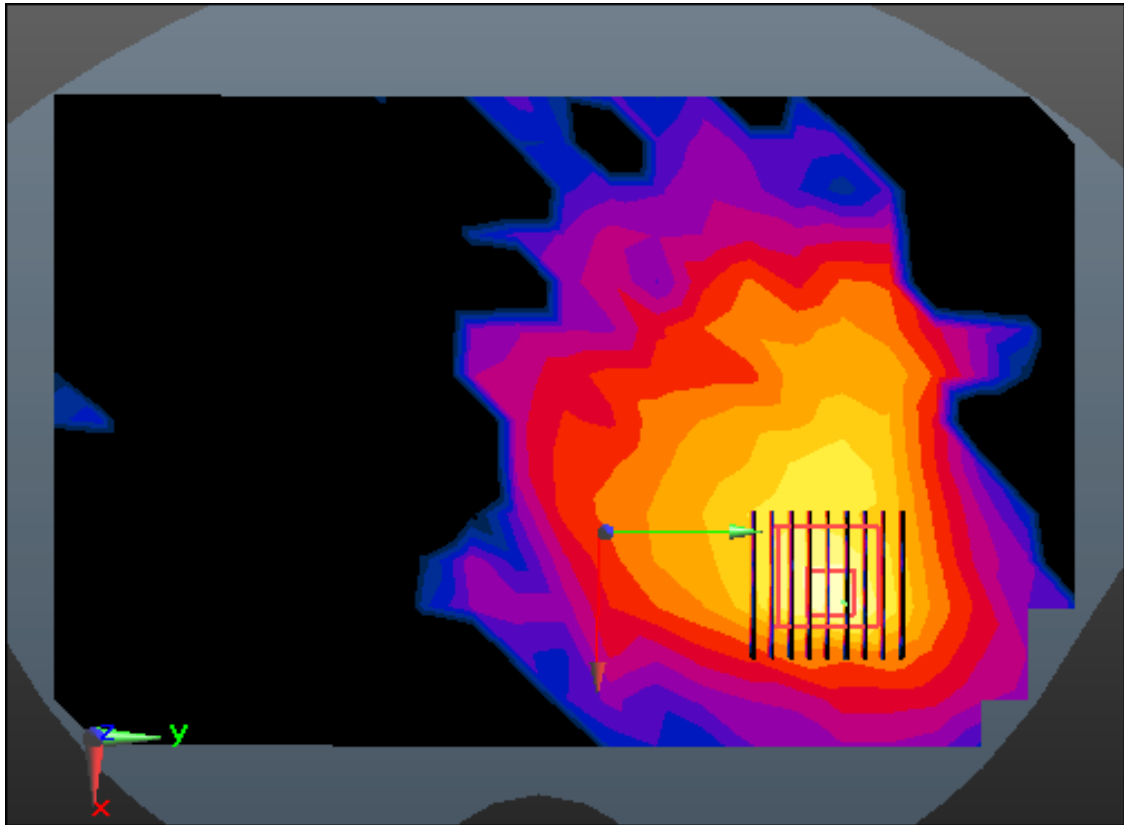
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 14.7 W/kg

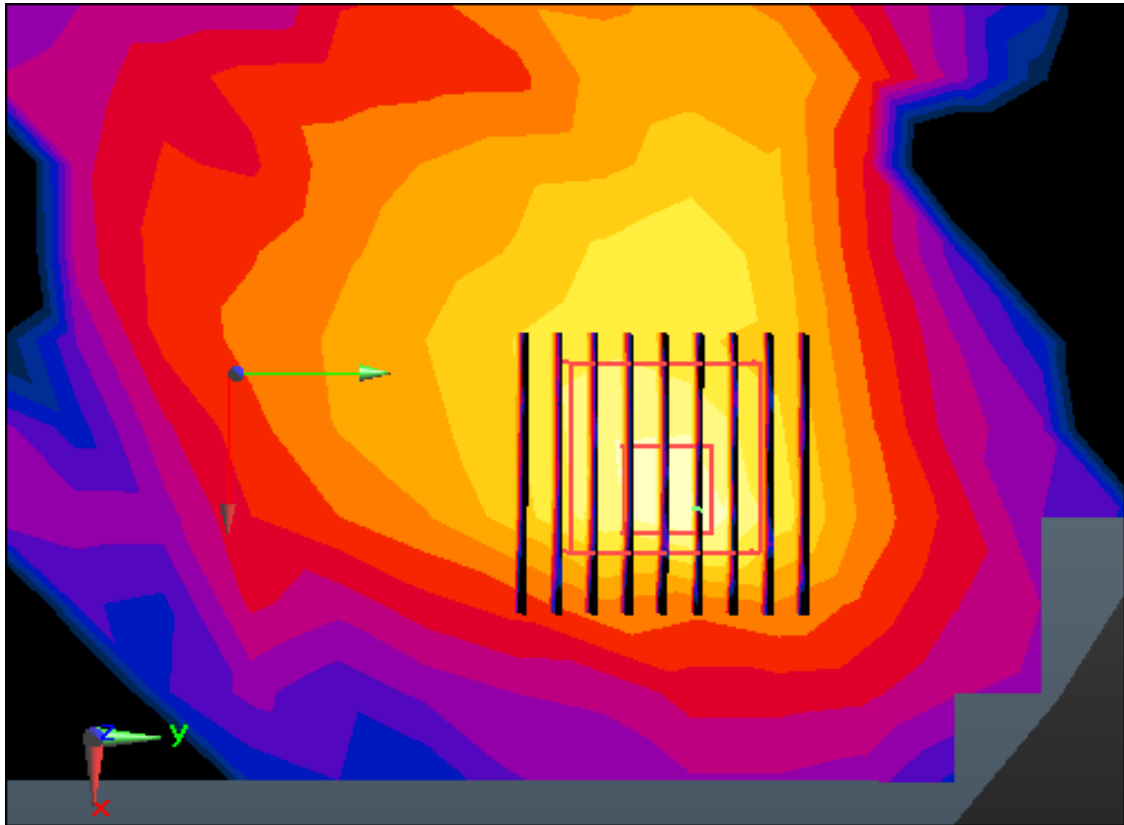
SAR(1 g) = 2.37 W/kg; SAR(10 g) = 0.667 W/kg



0 dB = 7.00 W/kg



Enlarged Plot for A12



Enlarged Plot for A12

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

Communication System: UID 0, W-LAN_5600 (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.605$ S/m; $\epsilon_r = 49.842$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(4.2, 4.2, 4.2); 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: 2020-01-13; Ambient Temp: 20.9; Tissue Temp: 21.5

Touch from Body, Rear, WLAN(802.11a) Ch. 100, Ant Internal

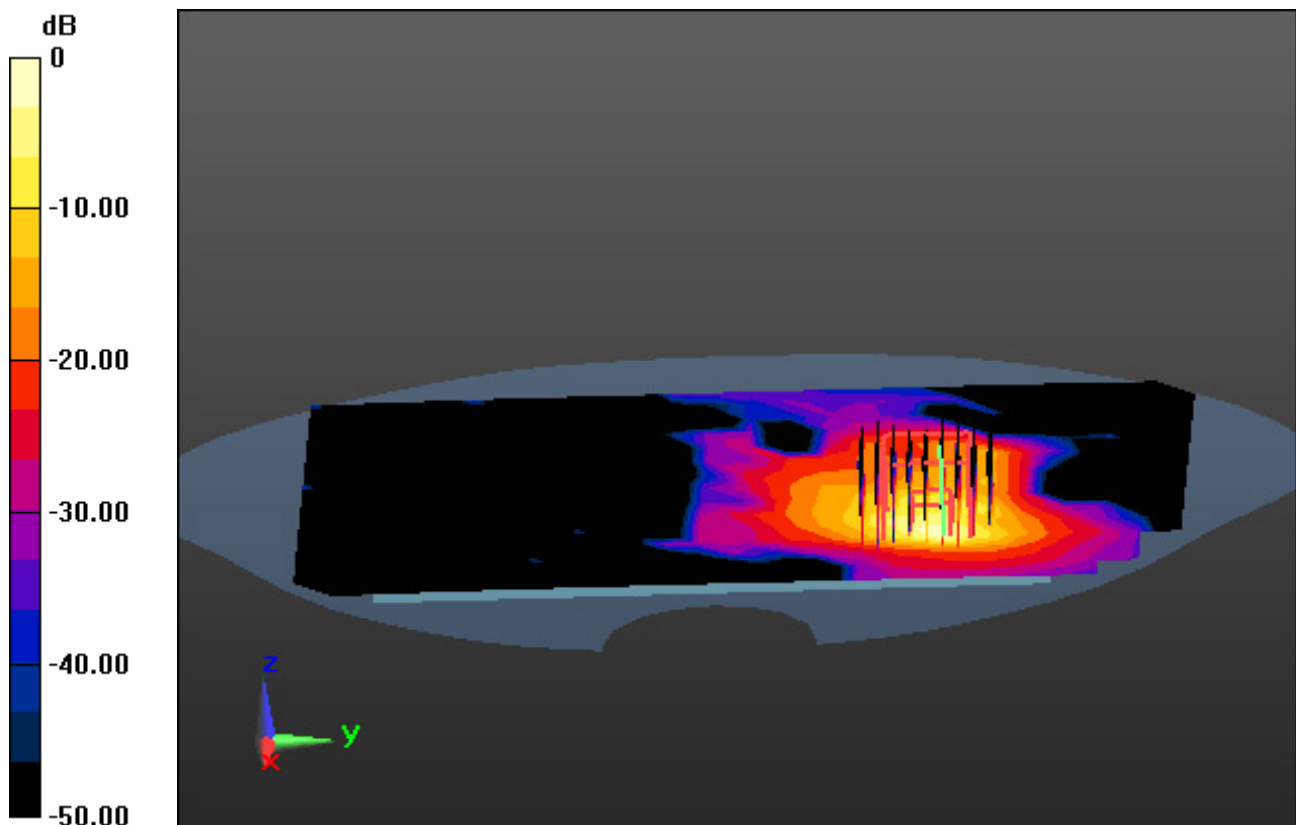
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

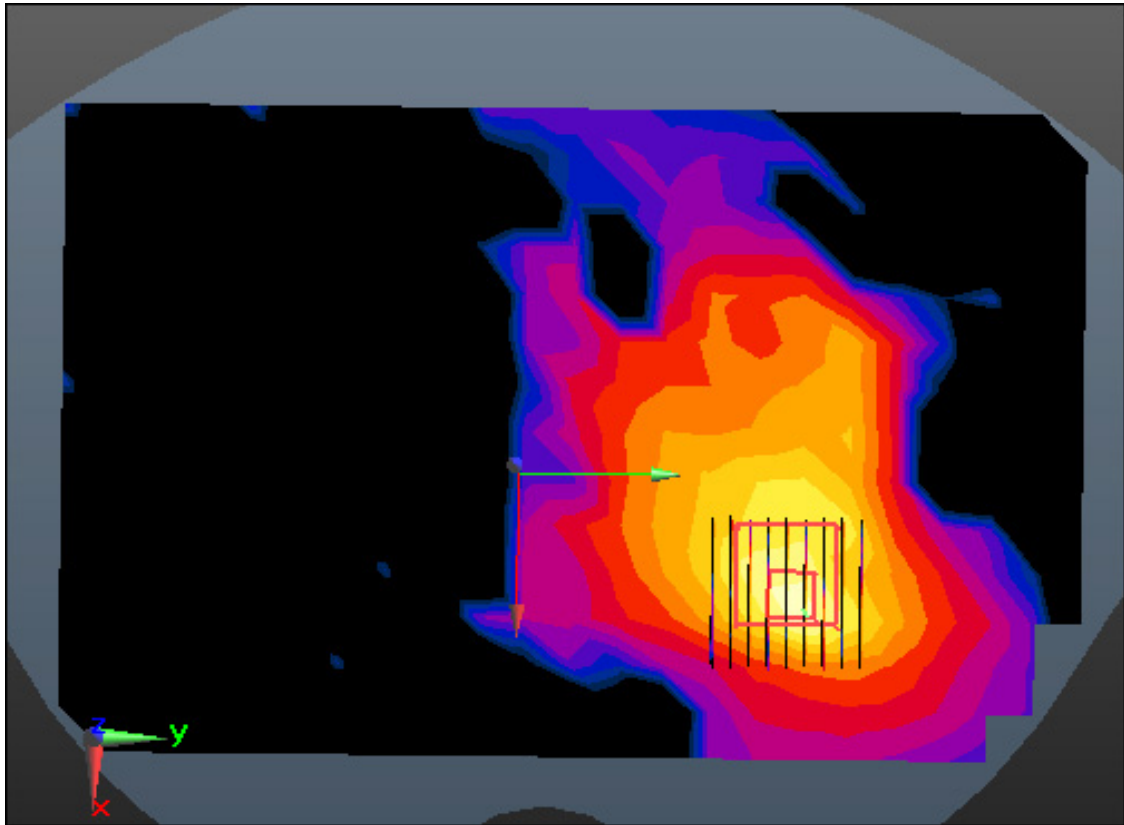
Power Drift = -0.09 dB

Peak SAR (extrapolated) = 16.6 W/kg

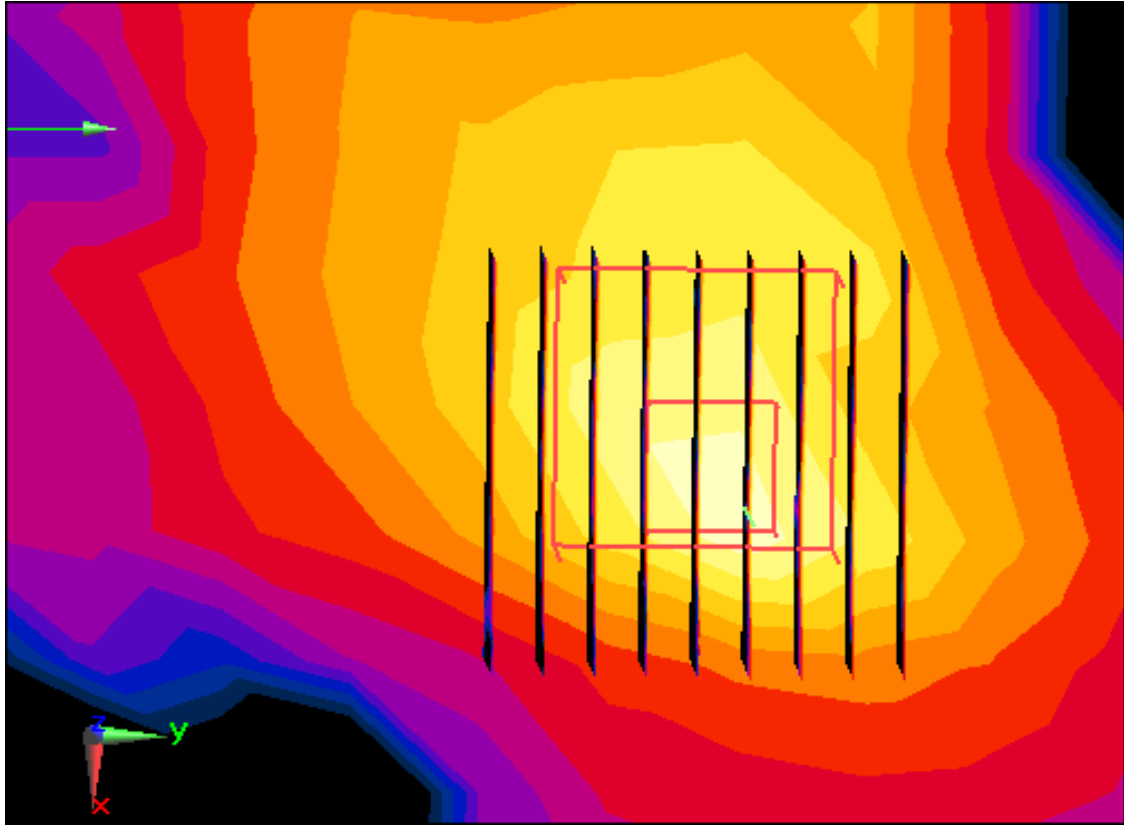
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 0.553 W/kg



0 dB = 7.53 W/kg



Enlarged Plot for A13



Enlarged Plot for A13

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.818$ S/m; $\epsilon_r = 50.031$; $\rho = 1000$ 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: 2020-01-14; Ambient Temp: 21.5; Tissue Temp: 21.7

Touch from Body, Rear, WLAN(802.11a) Ch. 149, Ant Internal

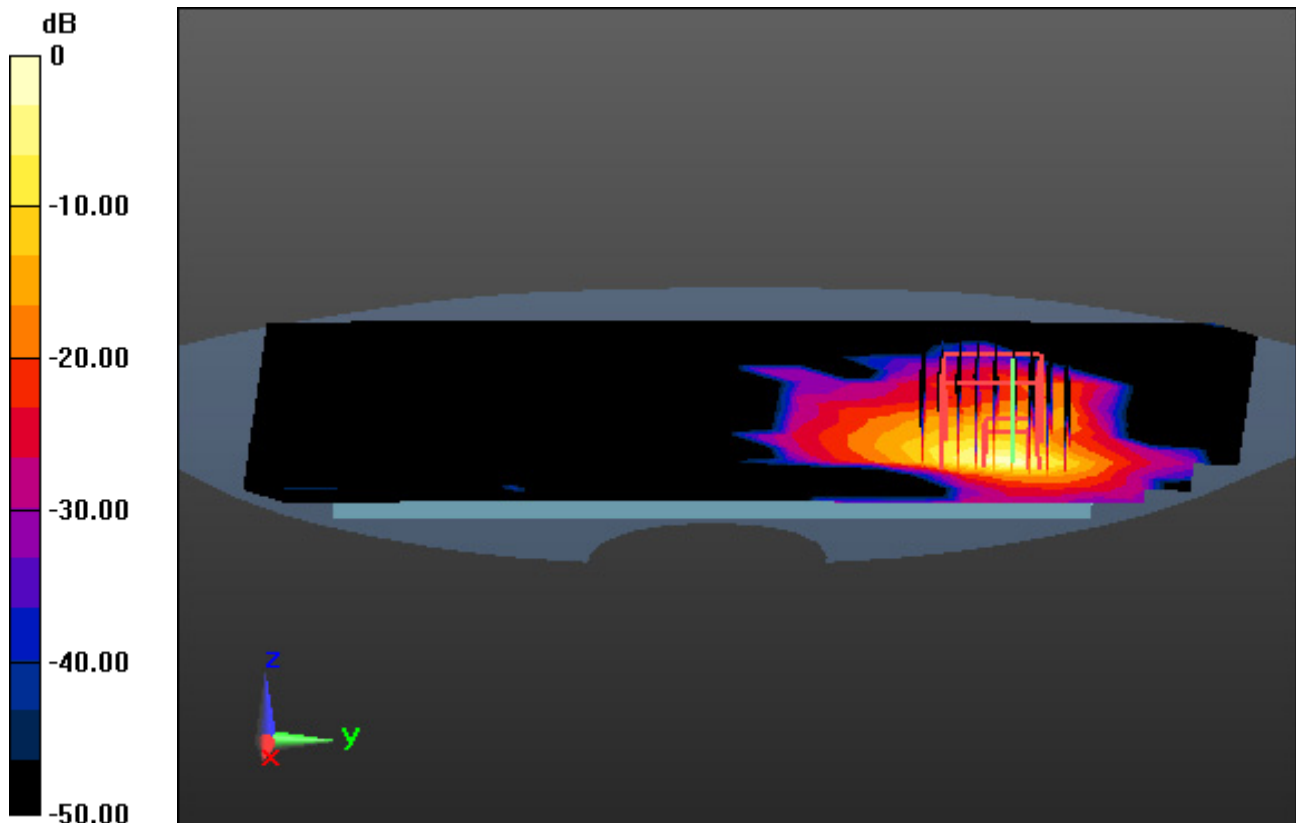
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm

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

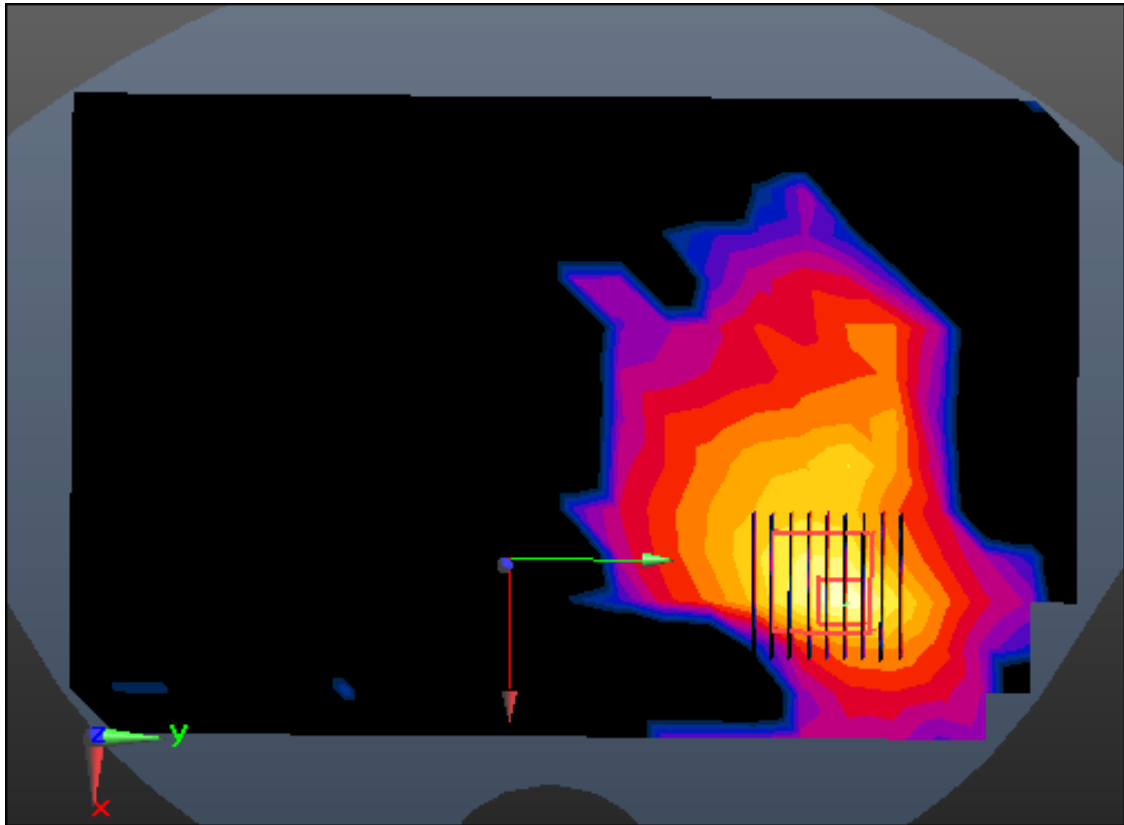
Power Drift = 0.03 dB

Peak SAR (extrapolated) = 16.2 W/kg

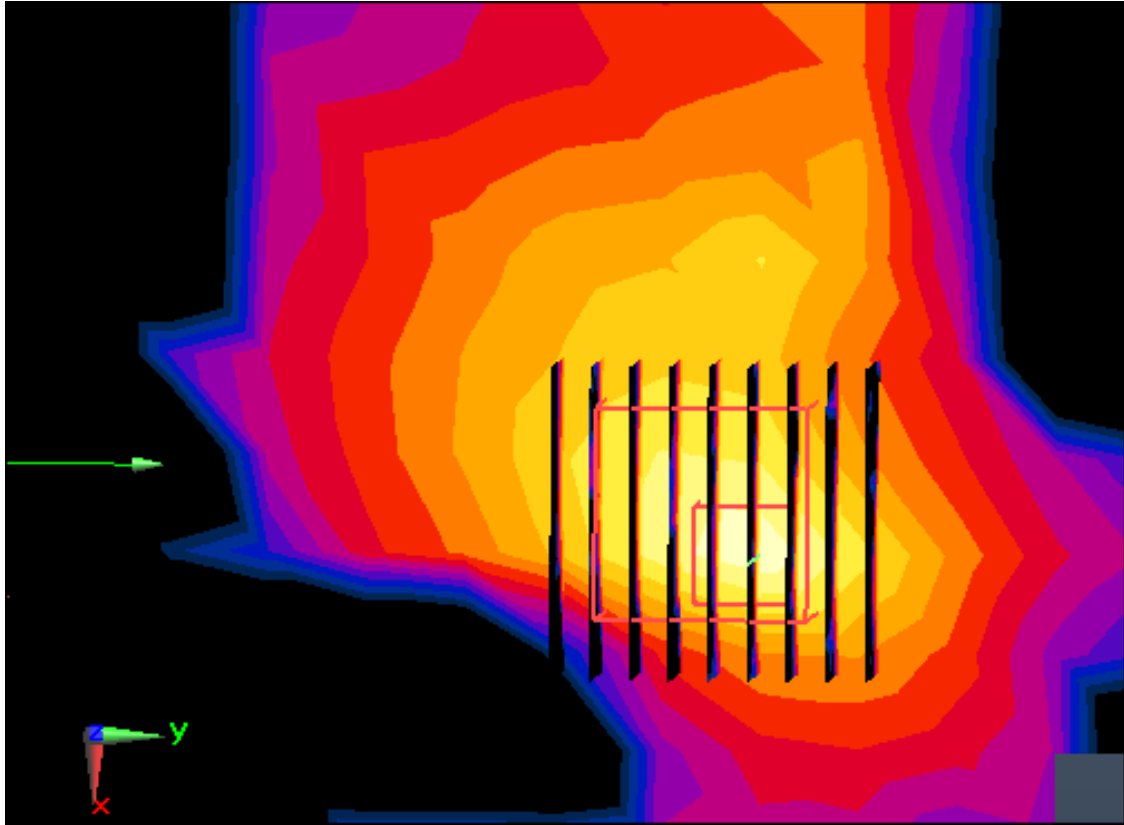
SAR(1 g) = 1.67 W/kg; SAR(10 g) = 0.402 W/kg



0 dB = 6.89 W/kg



Enlarged Plot for A14



Enlarged Plot for A14

DT&C Co., Ltd.

DUT: LM-V600V; Type: Bar

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.907$ S/m; $\epsilon_r = 51.098$; $\rho = 1000$ 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: 2020-01-09; Ambient Temp: 20.8; Tissue Temp: 21.0

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

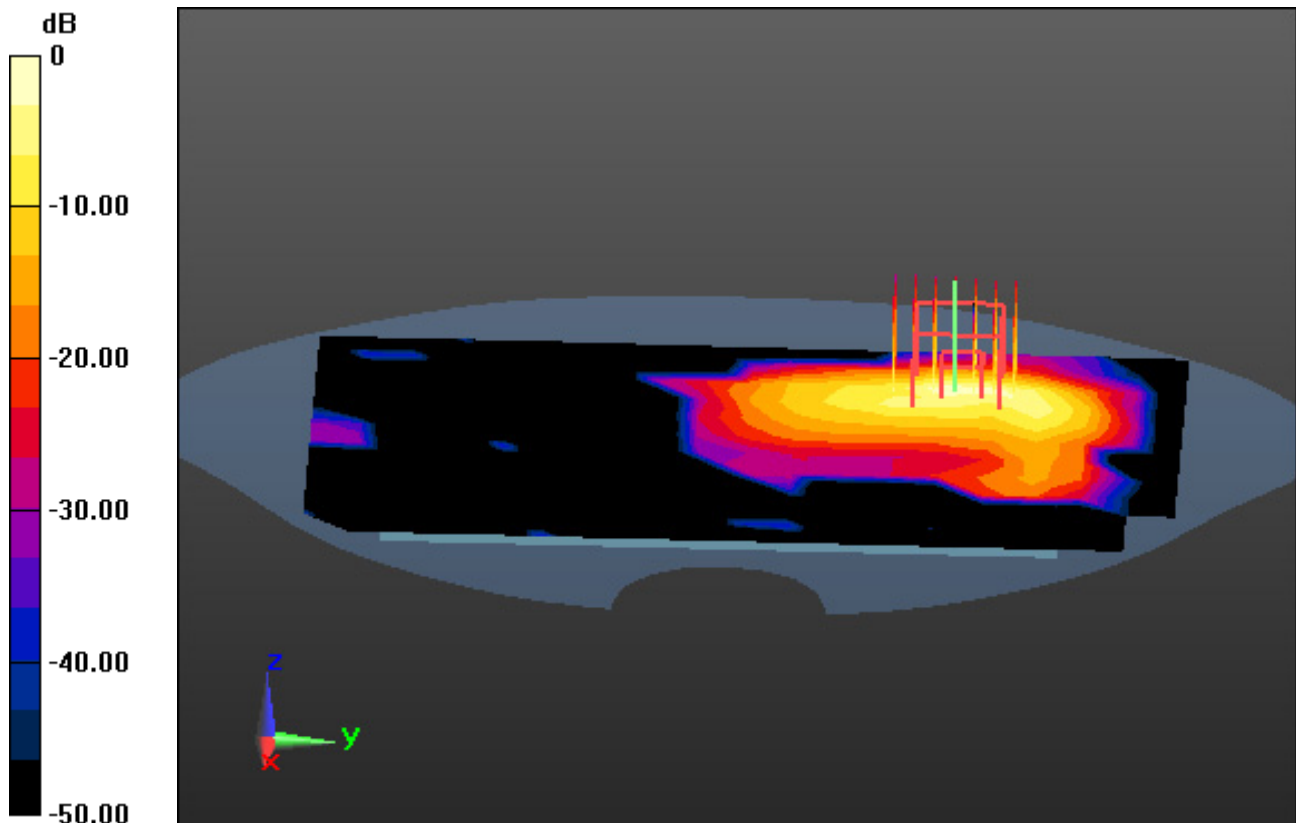
Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm

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

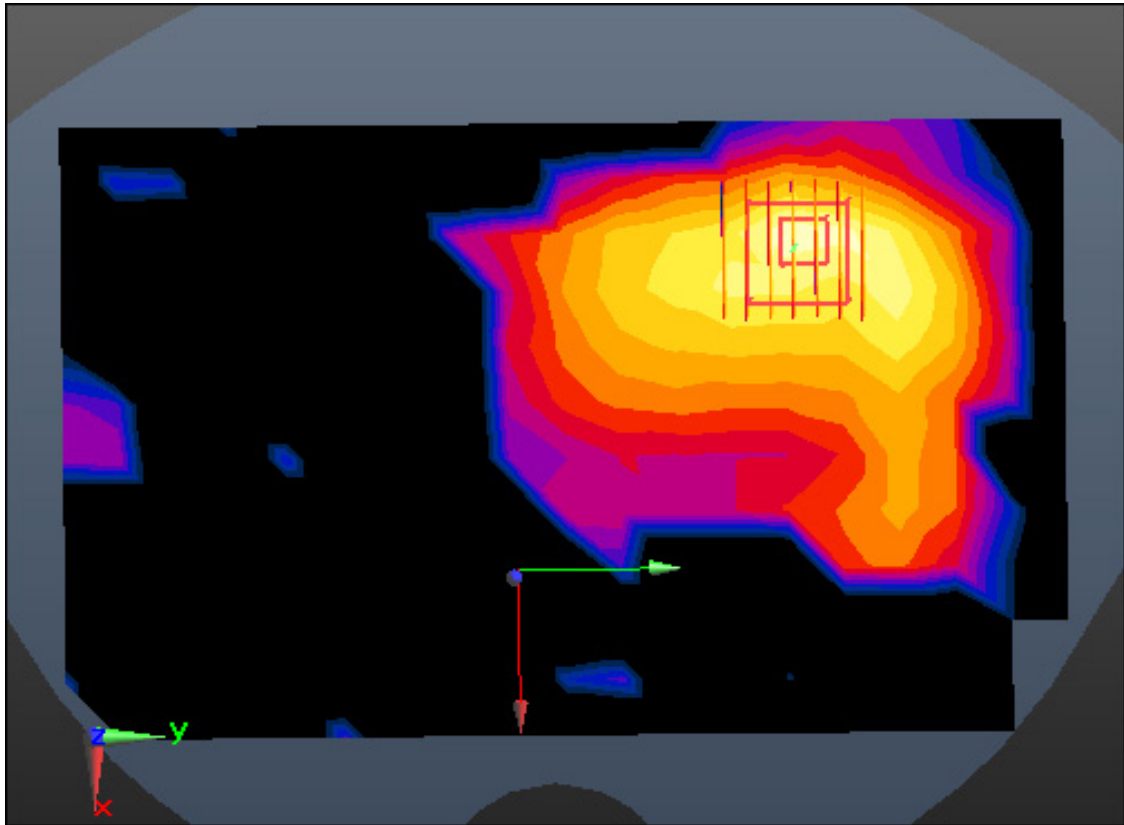
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.41 W/kg

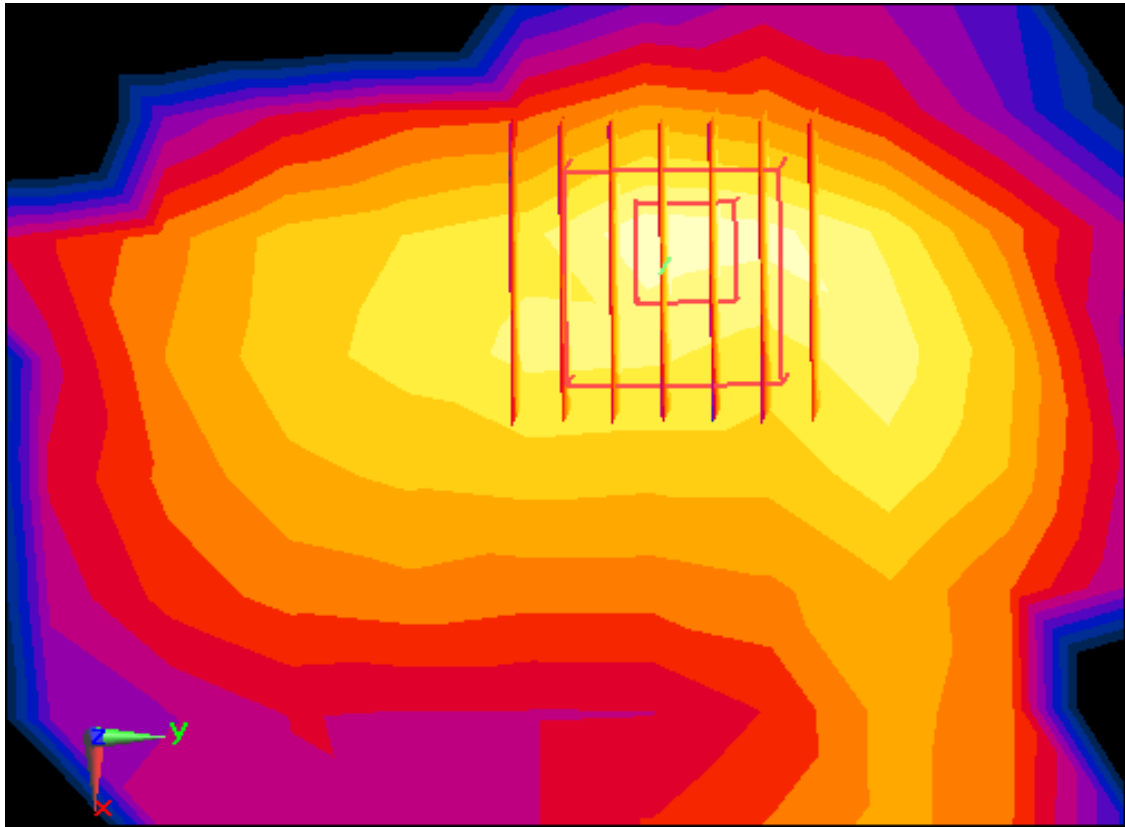
SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.163 W/kg



0 dB = 0.907 W/kg



Enlarged Plot for A15



Enlarged Plot for A15