

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 41.709$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.76, 10.76, 10.76) @ 707.5 MHz; Calibrated: 2018-09-25

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-04-03; Ambient Temp: 22.1; Tissue Temp: 22.0

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

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

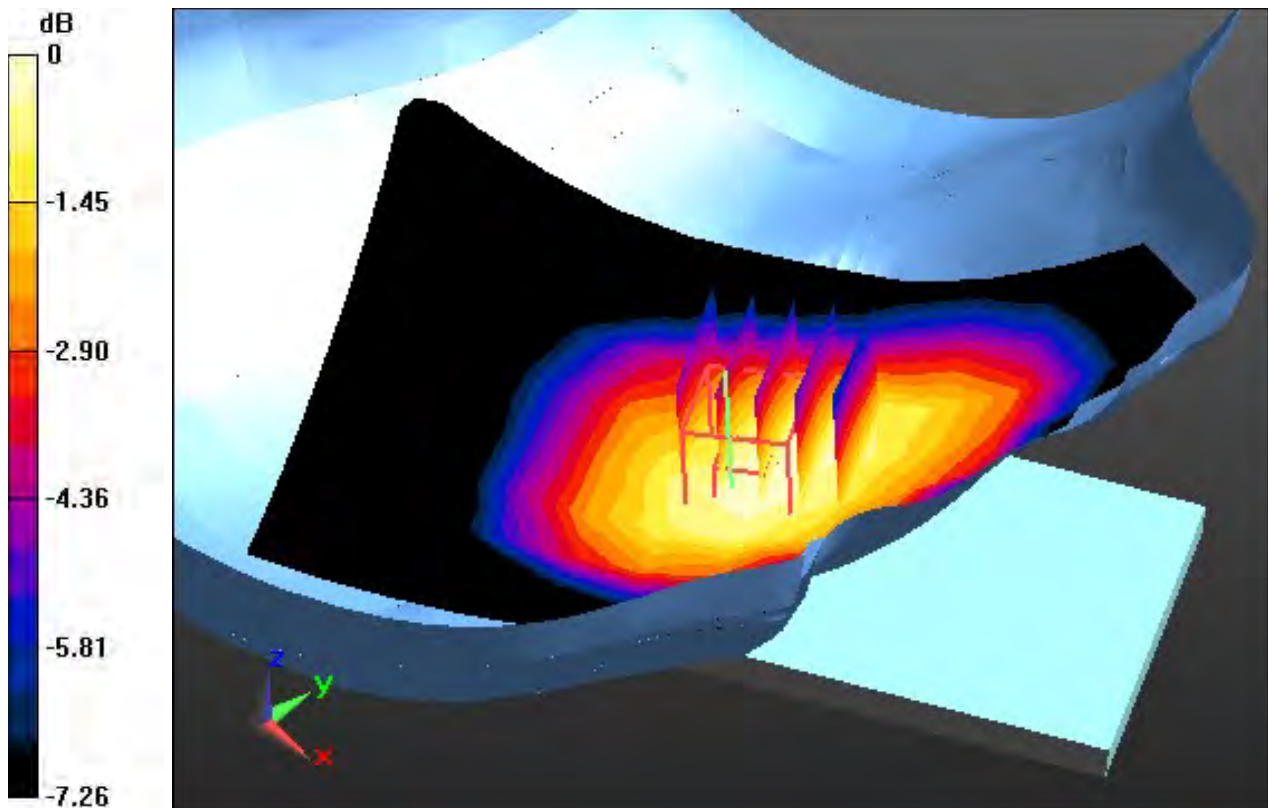
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

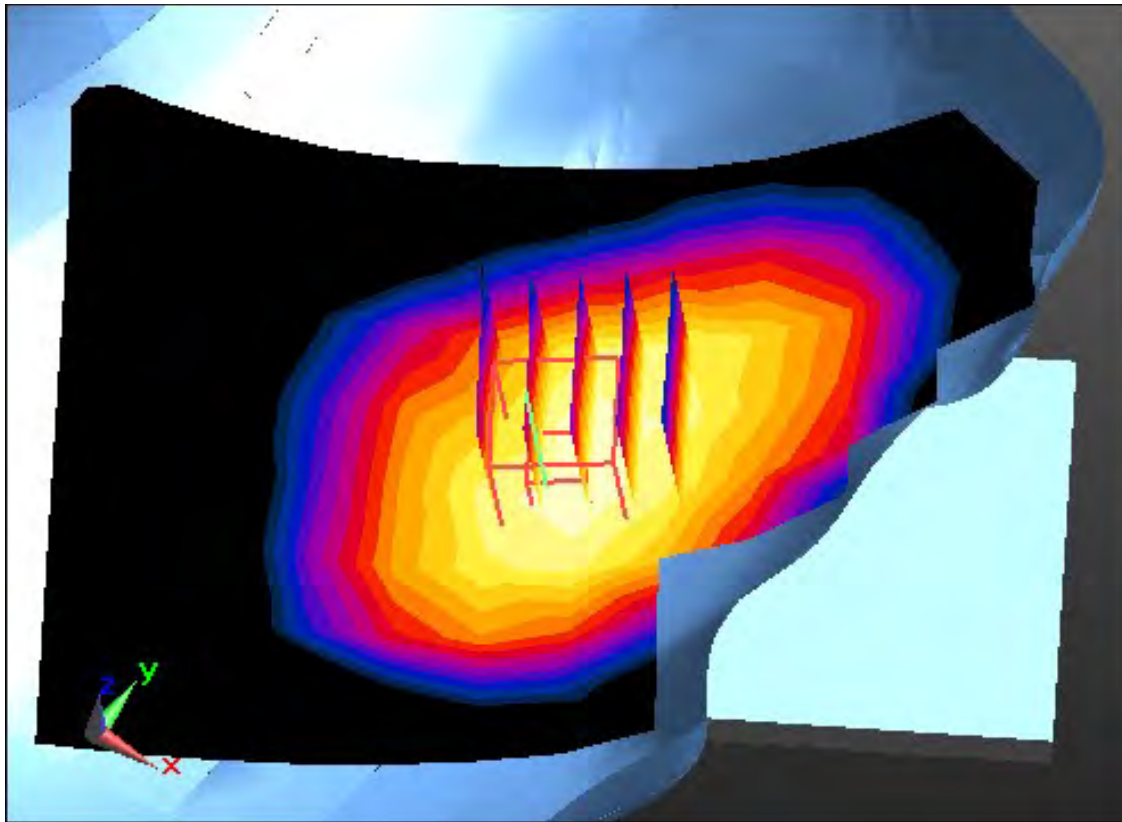
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.154 W/kg



0 dB = 0.208 W/kg



Enlarged Plot for A8

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, LTE Band 13 (FCC) (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 40.266$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(10.76, 10.76, 10.76) @ 782 MHz; Calibrated: 2018-09-25

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-04-04; Ambient Temp: 22.1; Tissue Temp: 21.9

Right Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery

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

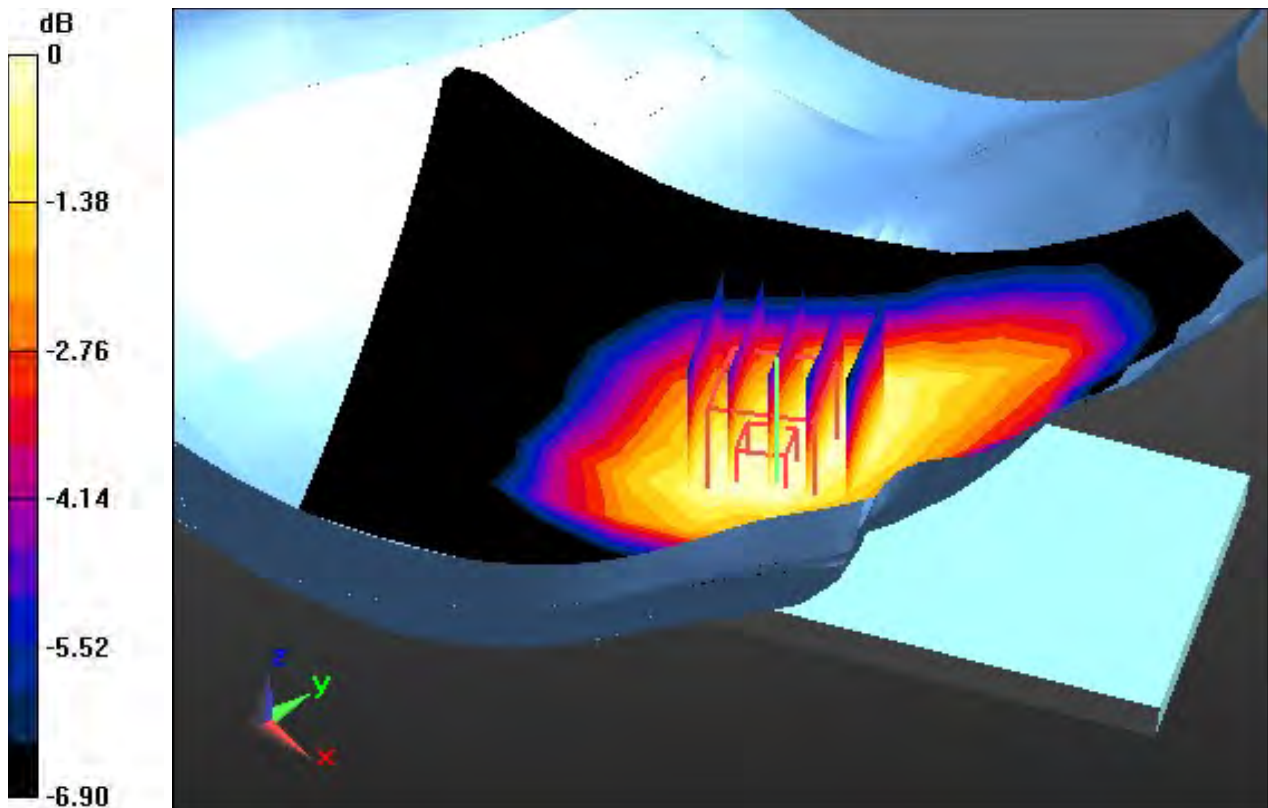
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

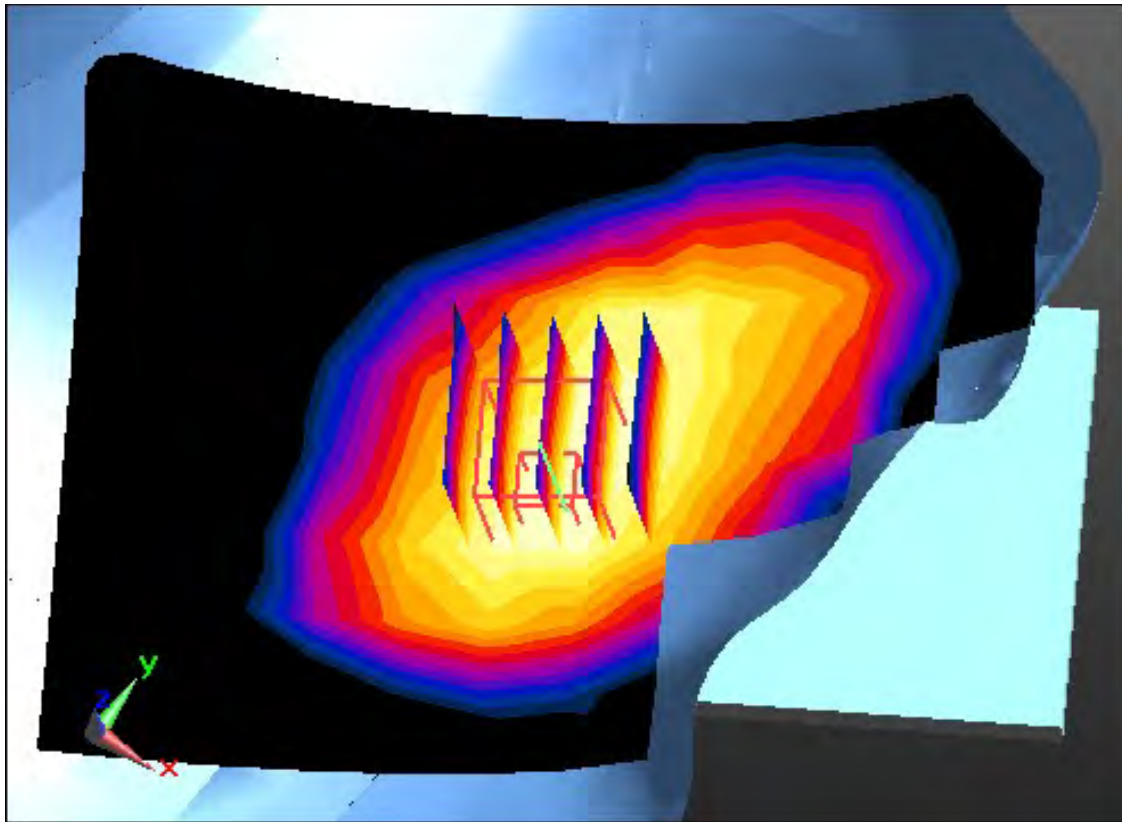
Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.115 W/kg



0 dB = 0.155 W/kg



Enlarged Plot for A9

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, LTE Band 26(FCC) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.563$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(10.16, 10.16, 10.16) @ 831.5 MHz; Calibrated: 2018-11-22

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-04-01; Ambient Temp: 21.8; Tissue Temp: 21.7

Right Touch, LTE Band 26 Ch. 26865, Ant Internal, Standard Battery

Mode : BandWidth 15 MHz, QPSK, RB Size: 1

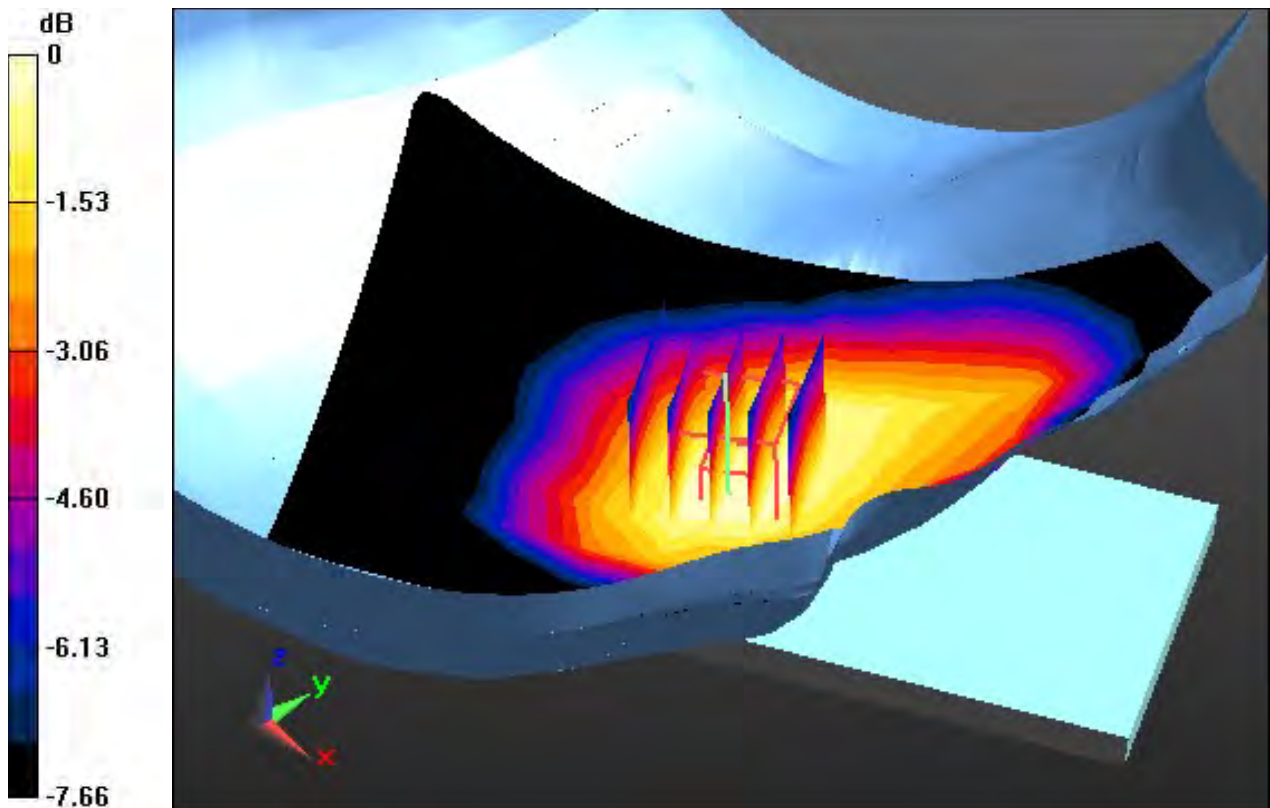
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

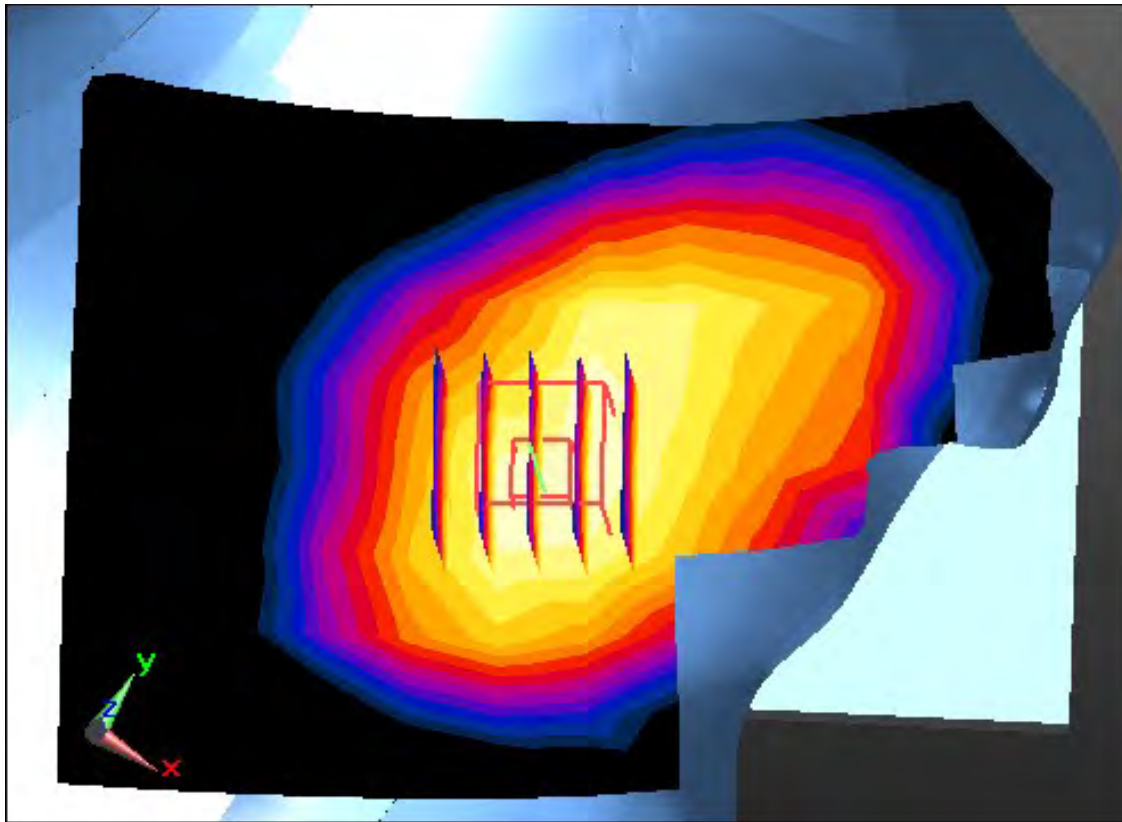
Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.165 W/kg



Enlarged Plot for A10

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.503$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(10.16, 10.16, 10.16) @ 836.5 MHz; Calibrated: 2018-11-22

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-04-01; Ambient Temp: 21.8; Tissue Temp: 21.7

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

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

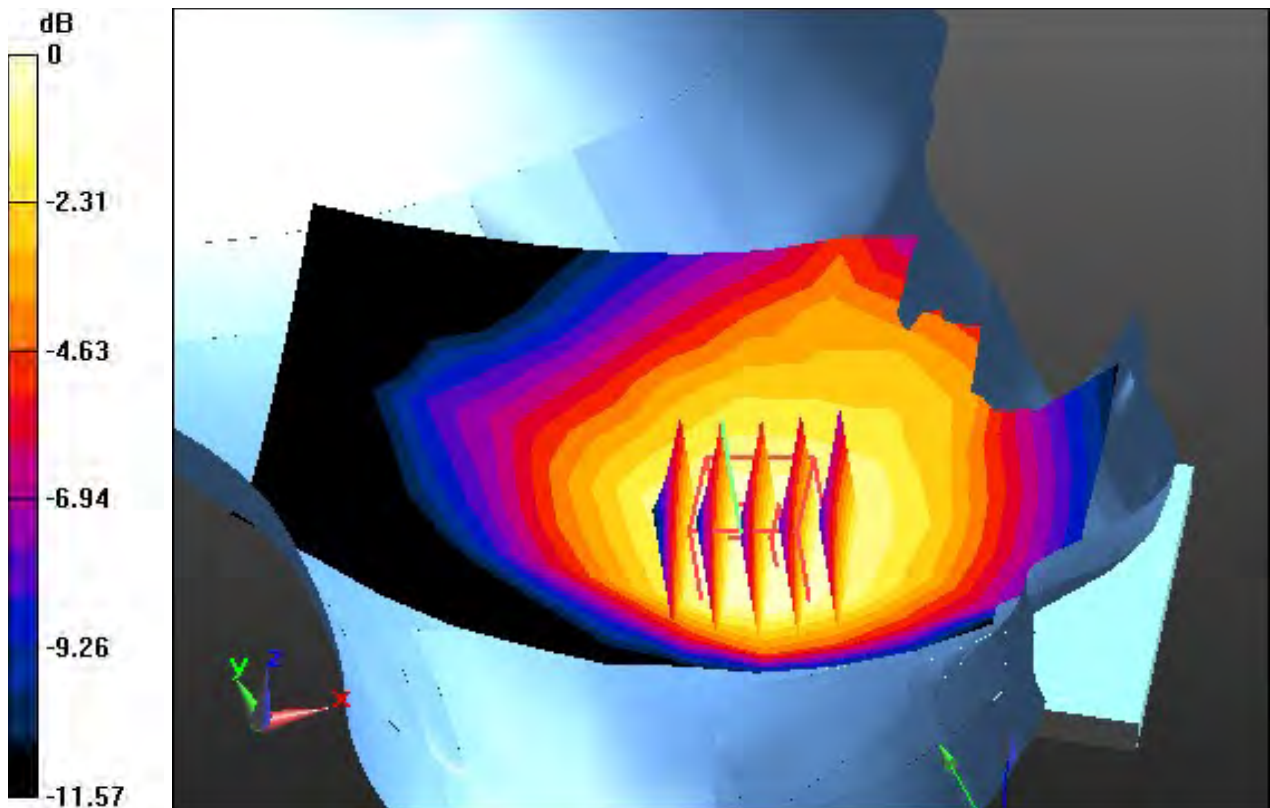
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

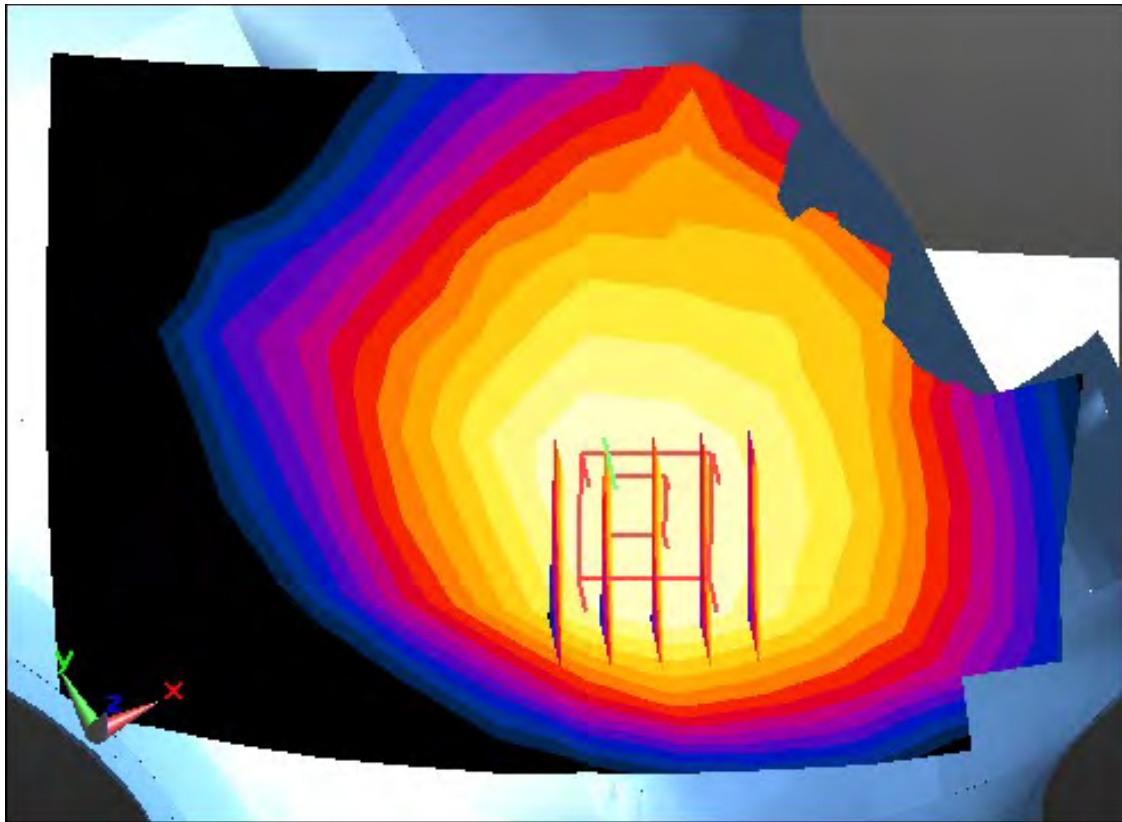
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.112 W/kg



0 dB = 0.166 W/kg



Enlarged Plot for A11

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, LTE Band 66 (FCC) (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.96, 8.96, 8.96) @ 1770 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-20; Ambient Temp: 21.8; Tissue Temp: 21.7

Right Touch, LTE Band 66 Ch. 132572, Ant Internal, Standard Battery

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

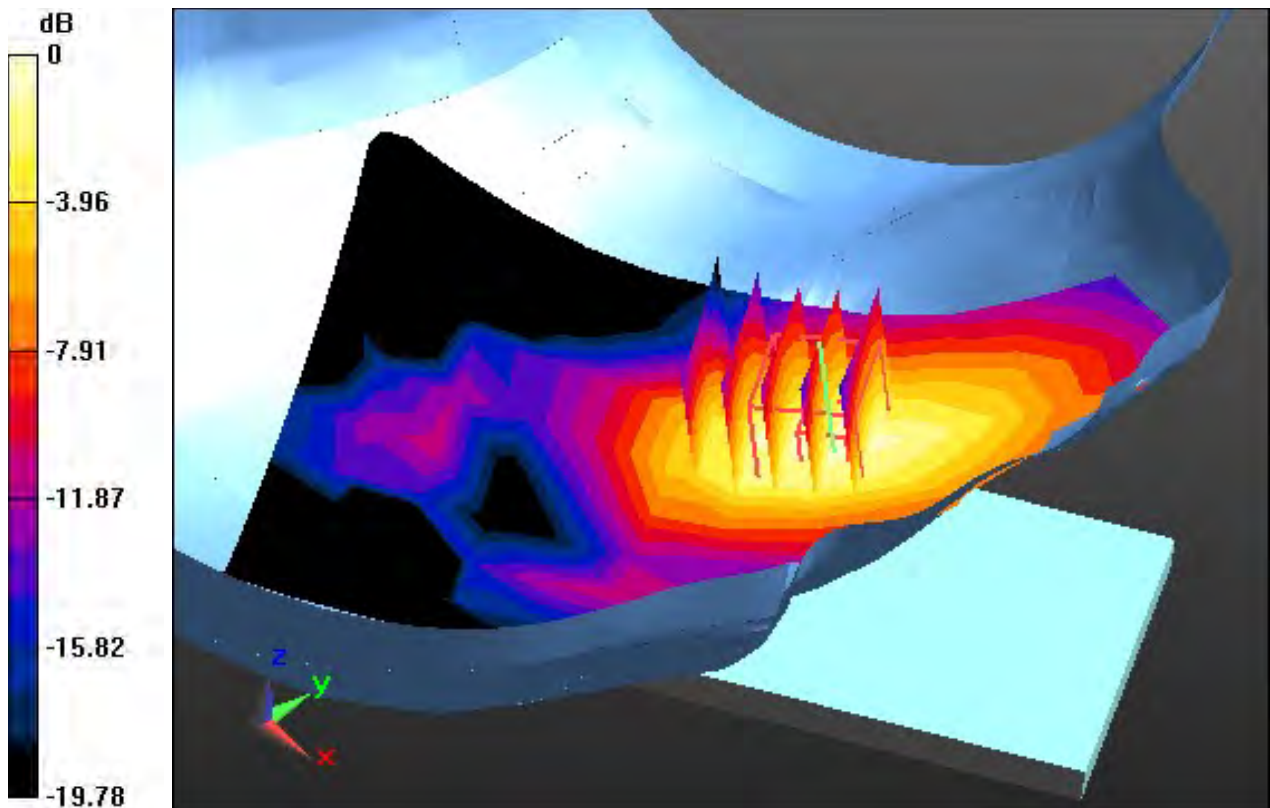
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

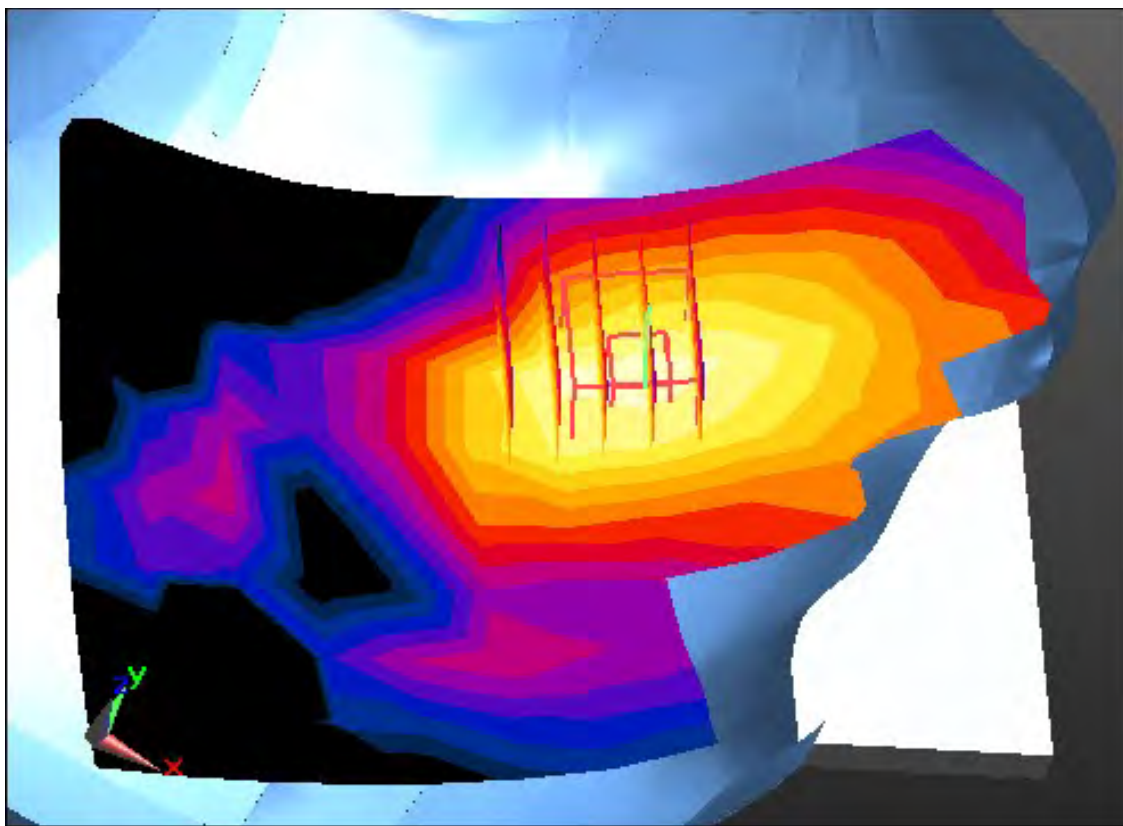
Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.050 W/kg



0 dB = 0.100 W/kg



Enlarged Plot for A12

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.201$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.49, 8.49, 8.49) @ 1860 MHz; Calibrated: 2018-11-22

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-18; Ambient Temp: 20.8; Tissue Temp: 20.6

Right Touch, LTE Band 2 Ch. 18700, Ant Internal, Standard Battery

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

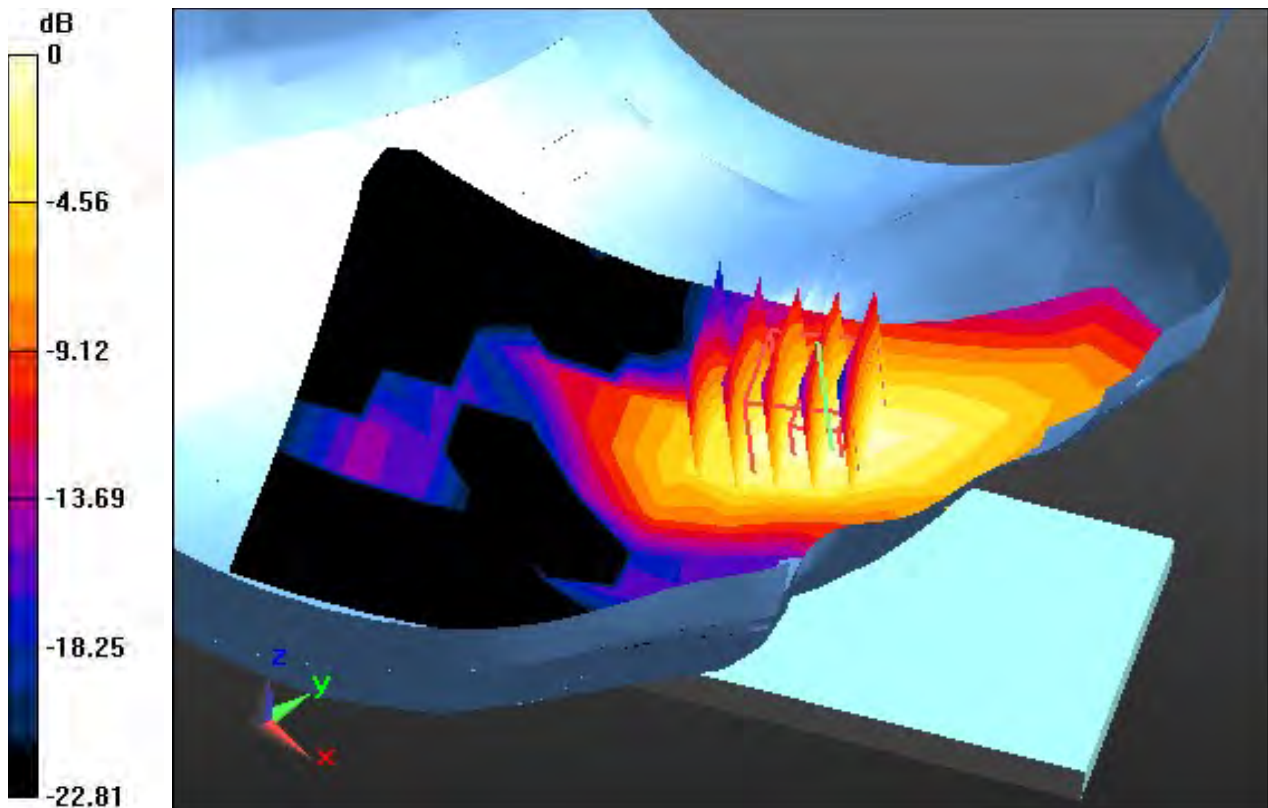
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

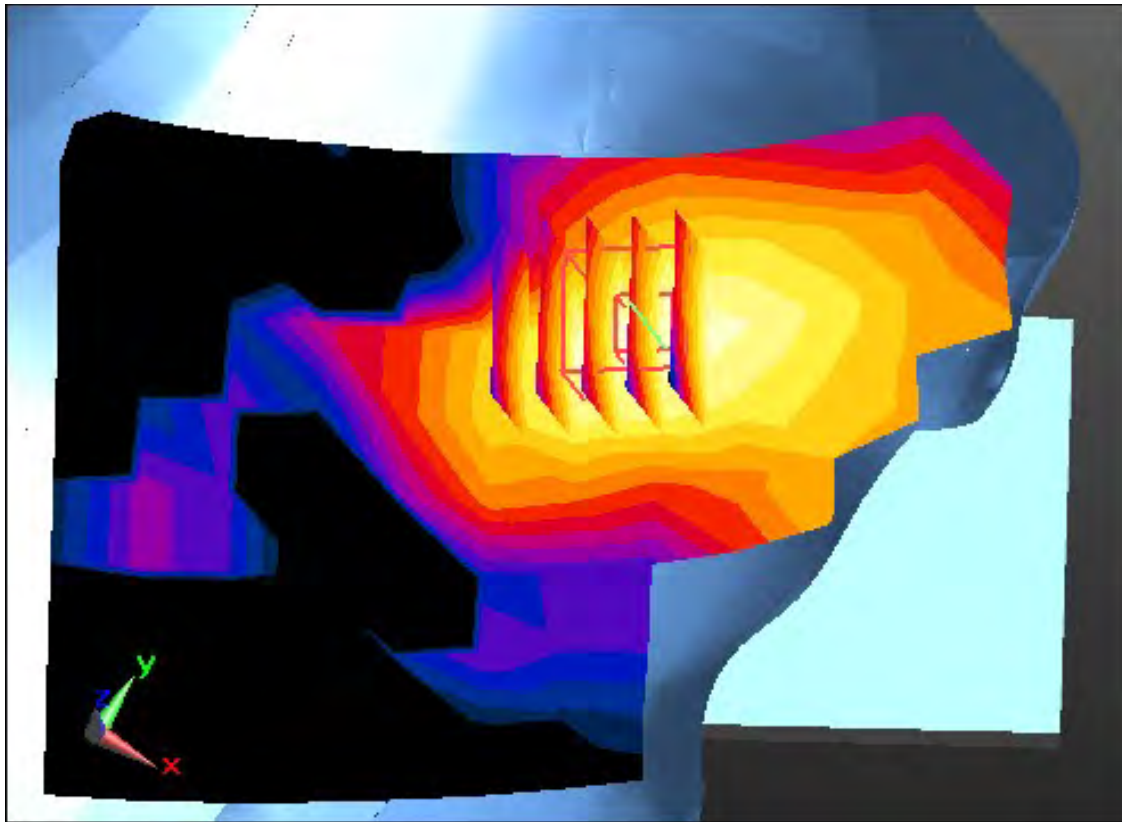
Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.037 W/kg



0 dB = 0.0733 W/kg



Enlarged Plot for A13

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 39.258$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.43, 7.43, 7.43); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

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

Test Date: 2019-03-18; Ambient Temp: 20.3; Tissue Temp: 20.2

Right Tilt, LTE Band 7 Ch. 21350, Ant Internal, Standard Battery

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

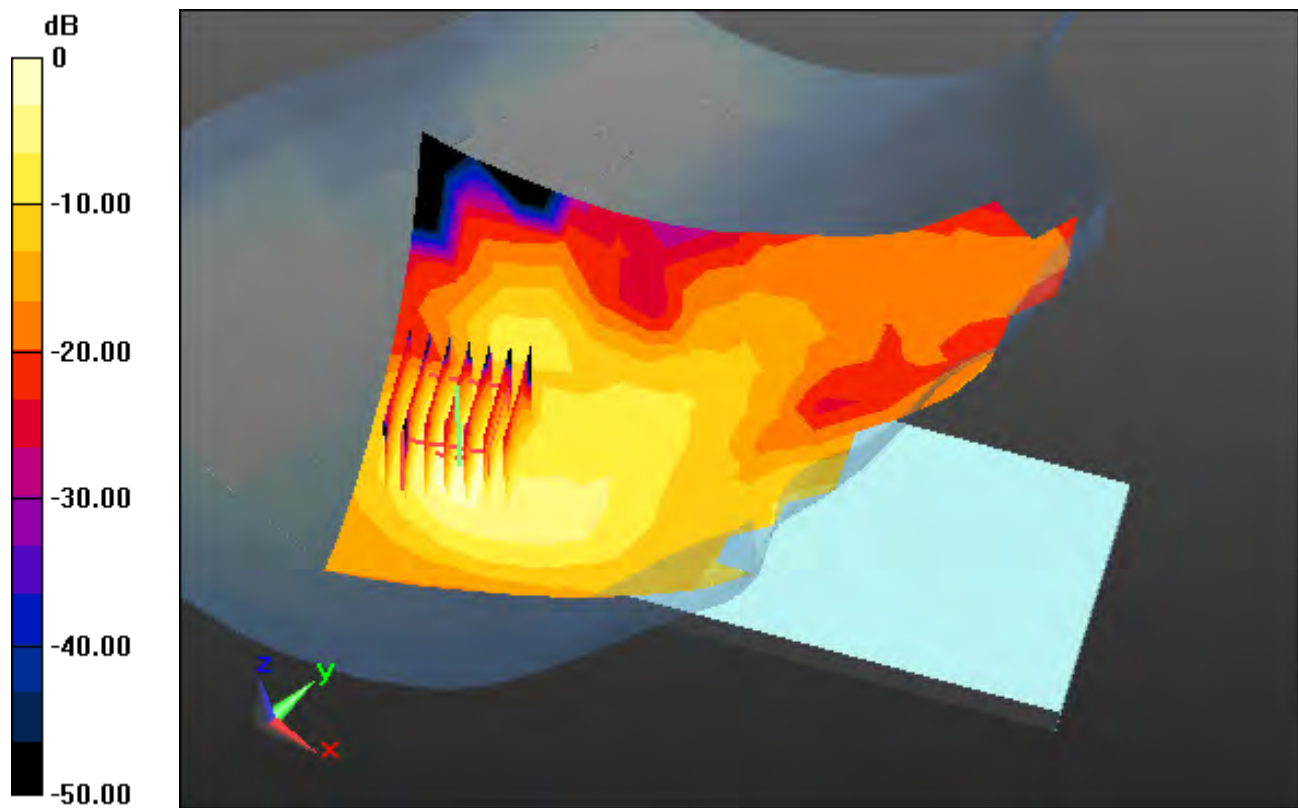
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

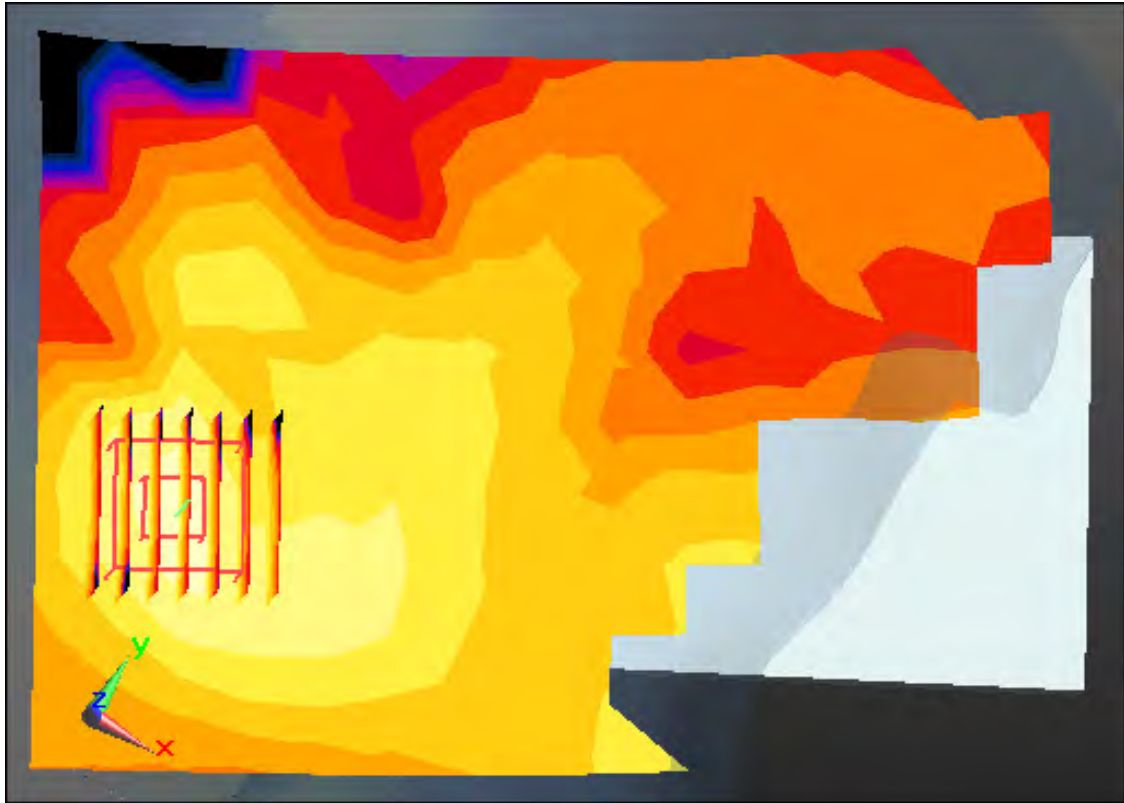
Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.083 W/kg



0 dB = 0.331 W/kg



Enlarged Plot for A14

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.067$ S/m; $\epsilon_r = 38.964$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(7.43, 7.43, 7.43); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

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

Test Date: 2019-04-03; Ambient Temp: 21.3; Tissue Temp: 21.2

Left Touch, LTE Band 41 Ch. 41490, Ant Internal, Standard Battery

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

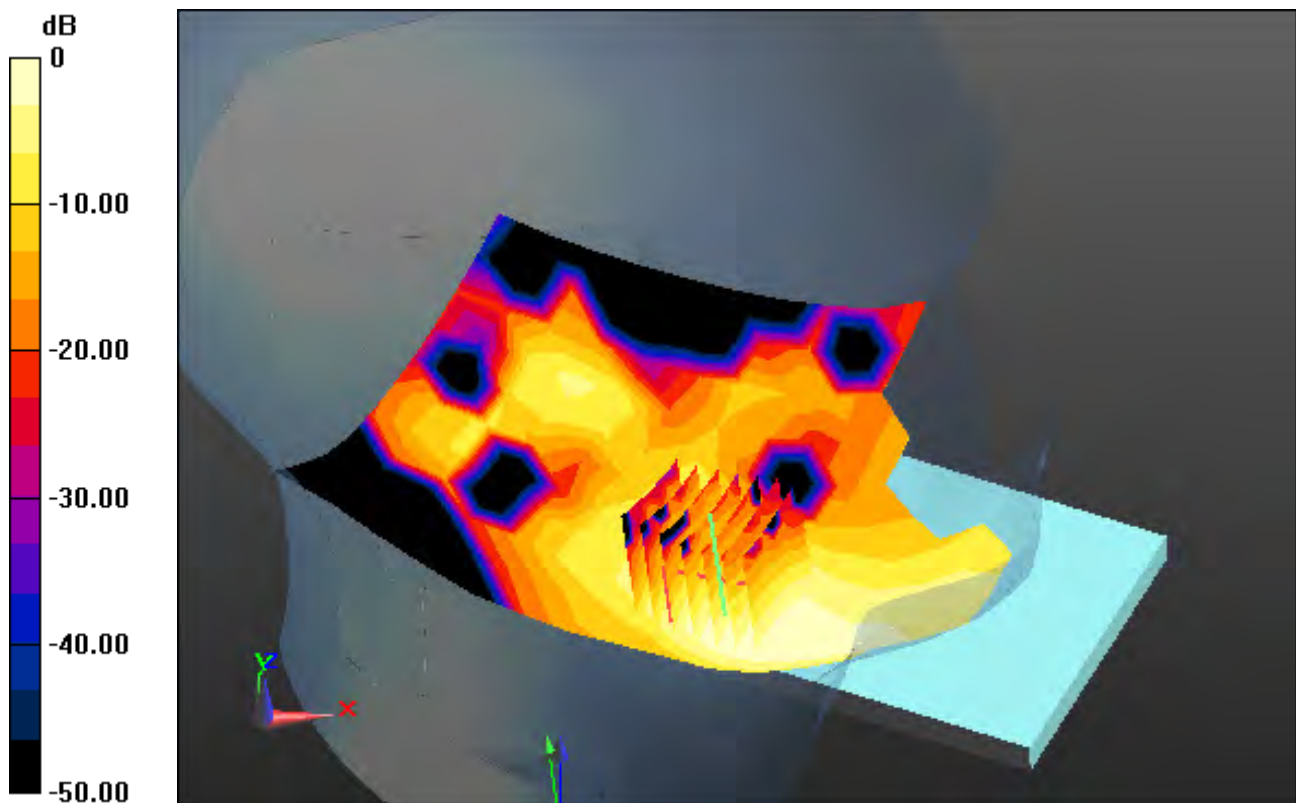
Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm

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

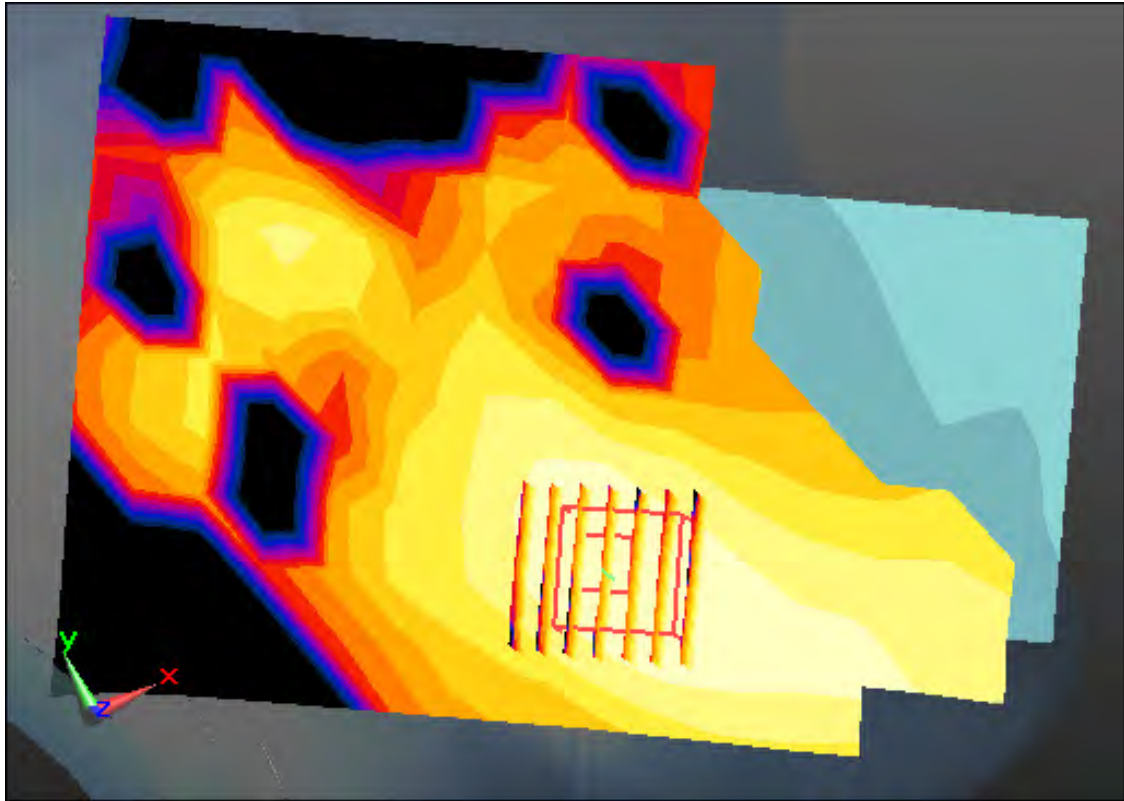
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.147 W/kg



Enlarged Plot for A15

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.771 \text{ S/m}$; $\epsilon_r = 39.987$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.72, 7.72, 7.72); Calibrated: 4/25/2018; 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 14.6.10 (7331)

Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 20.9

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

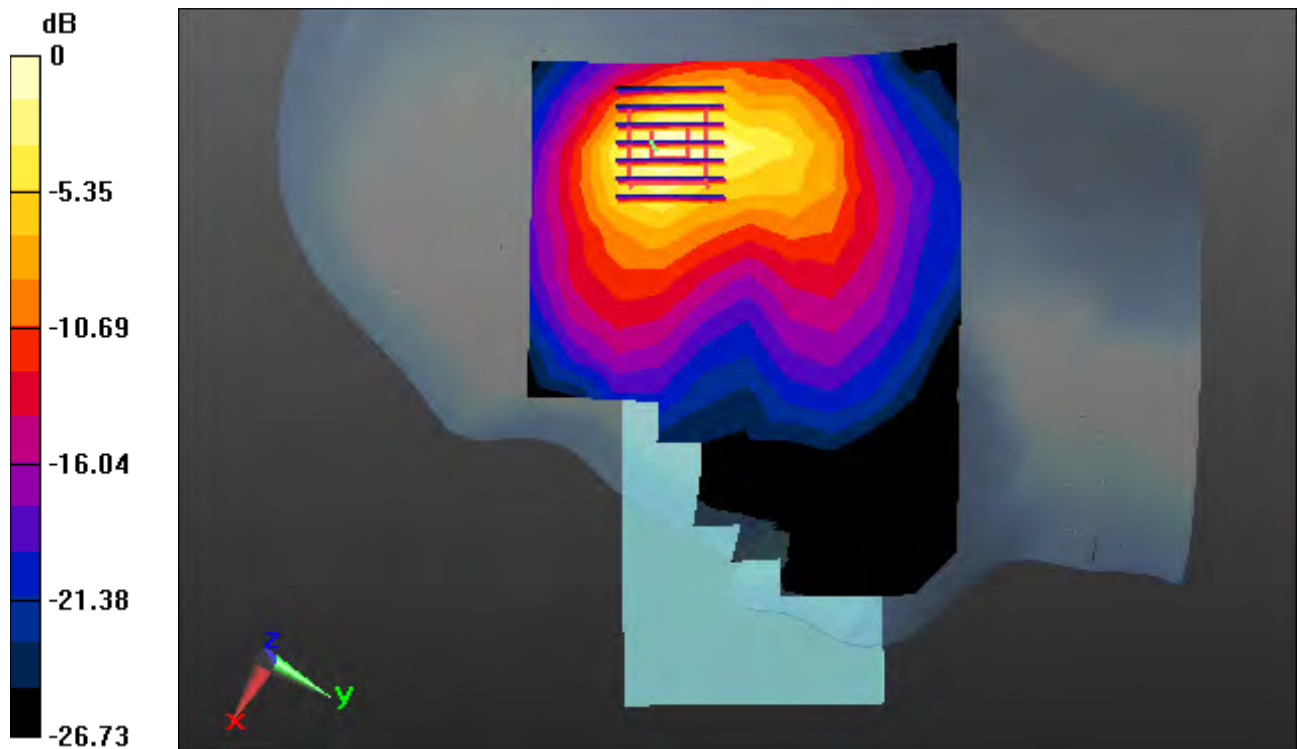
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

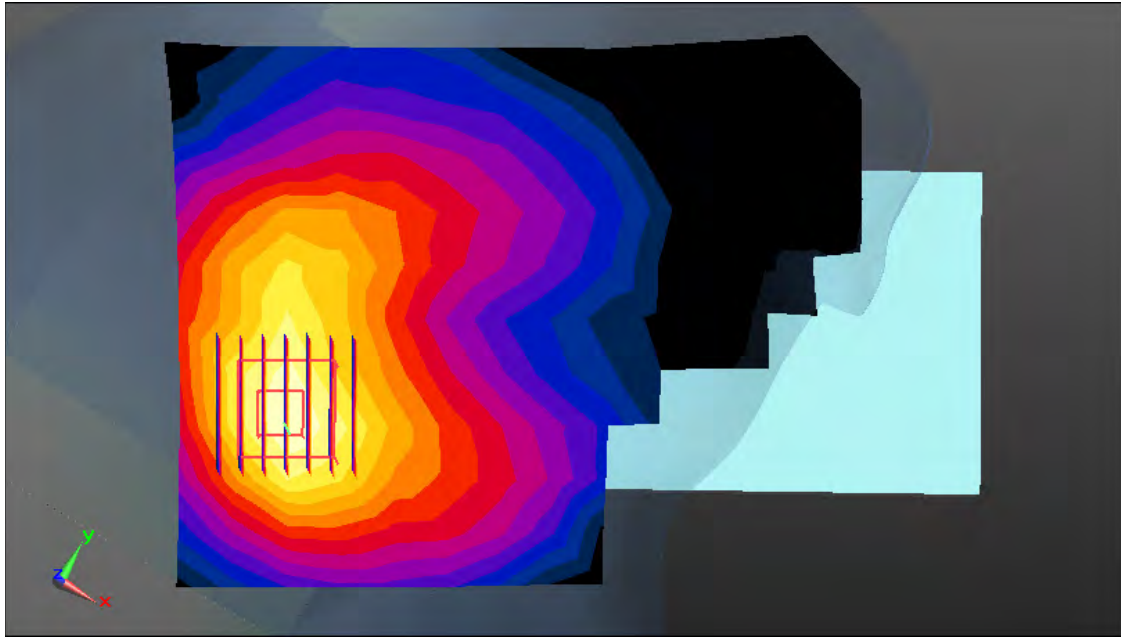
Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.367 W/kg



0 dB = 1.33 W/kg



Enlarged Plot for A16

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.829 \text{ S/m}$; $\epsilon_r = 39.937$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.72, 7.72, 7.72); Calibrated: 4/25/2018; 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 14.6.10 (7331)

Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 20.9

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

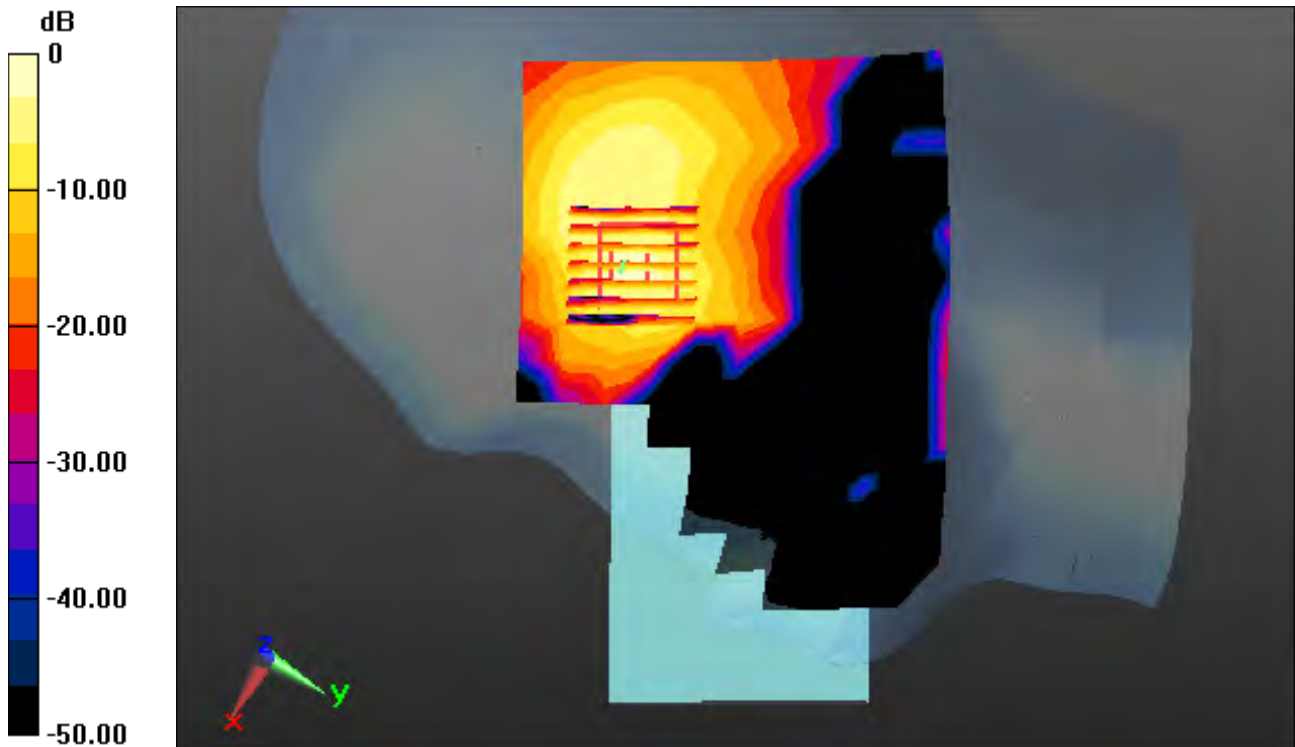
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Zoom Scan (8x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

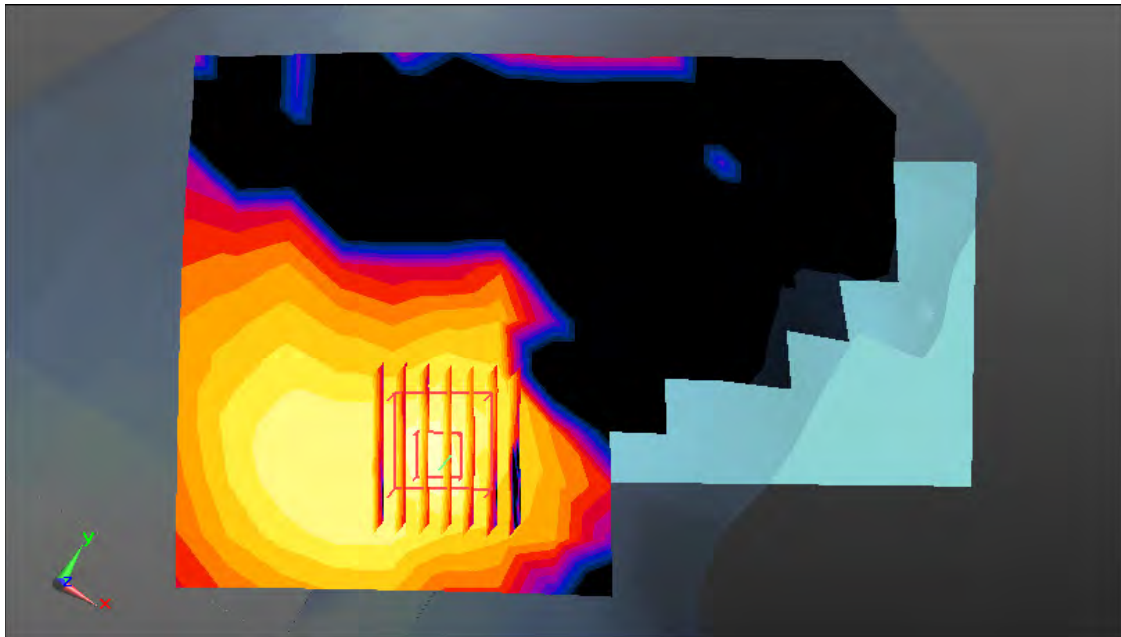
Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.223 W/kg



Enlarged Plot for A17

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.829 \text{ S/m}$; $\epsilon_r = 39.937$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.72, 7.72, 7.72); Calibrated: 4/25/2018; 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 14.6.10 (7331)

Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 20.9

Right Tilt, WLAN(802.11g) Ch. 11, Ant Internal, Standard Battery, MIMO

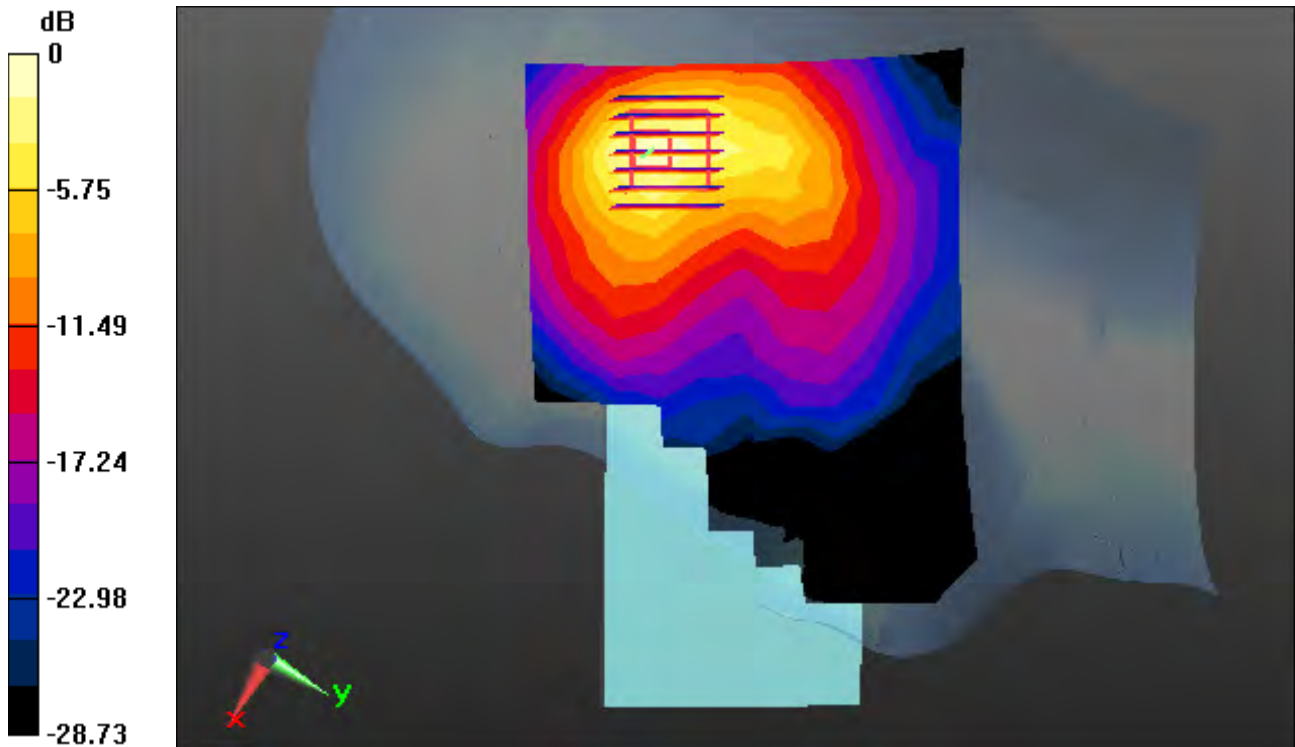
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

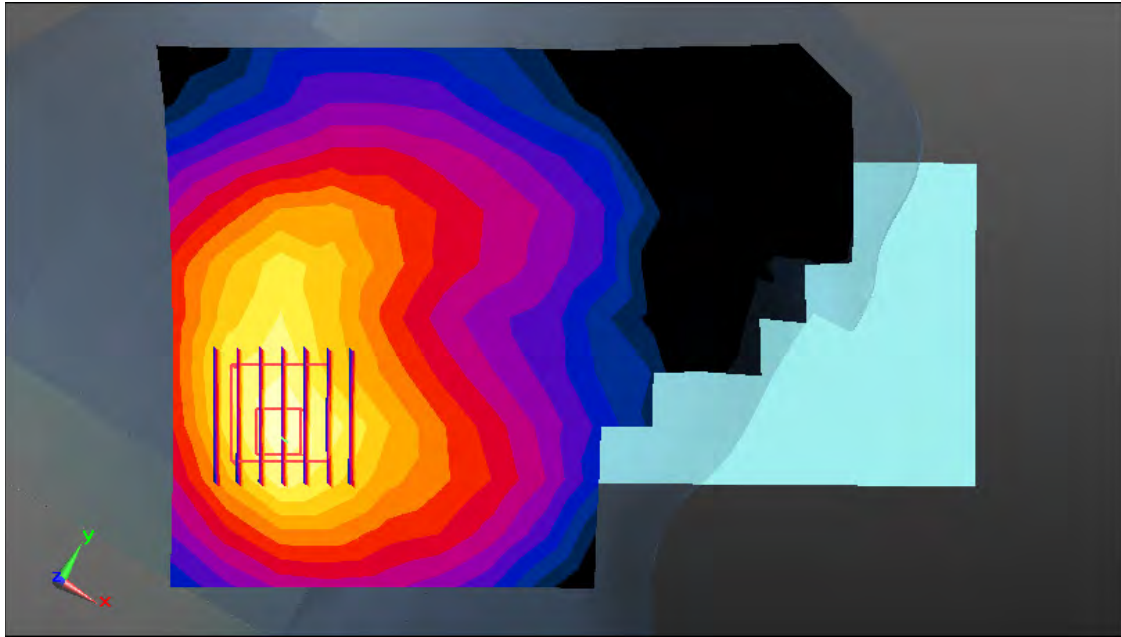
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.303 W/kg





Enlarged Plot for A18

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.771 \text{ S/m}$; $\epsilon_r = 39.987$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.72, 7.72, 7.72); Calibrated: 4/25/2018; 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 14.6.10 (7331)

Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 20.9

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

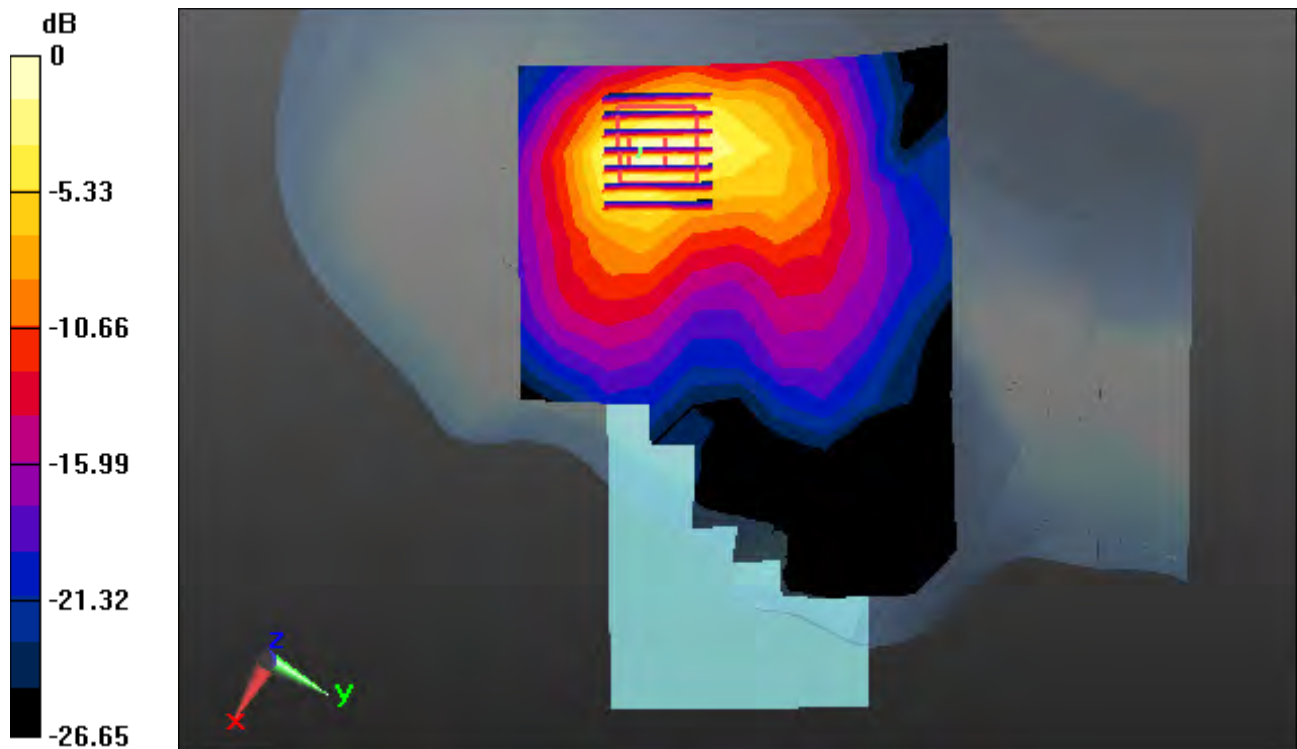
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

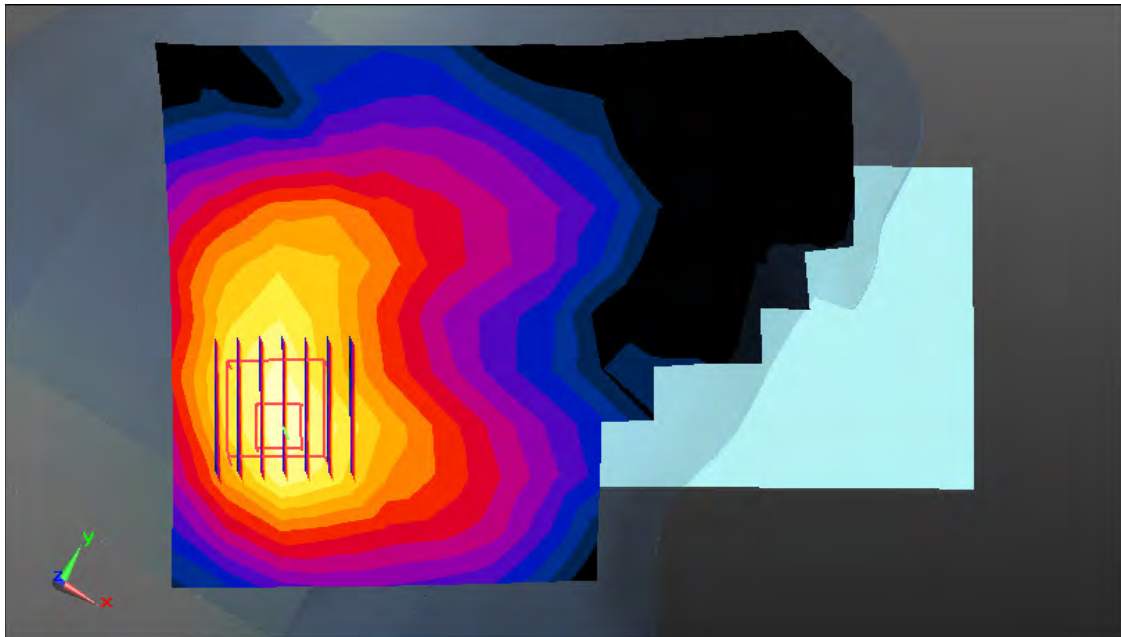
Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.201 W/kg



0 dB = 0.732 W/kg



Enlarged Plot for A19

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.713 \text{ S/m}$; $\epsilon_r = 35.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.95, 4.95, 4.95); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-02; Ambient Temp: 20.6; Tissue Temp: 20.8

Right Tilt, WLAN(802.11a) Ch. 52, Ant Internal, Standard Battery, Ant.1

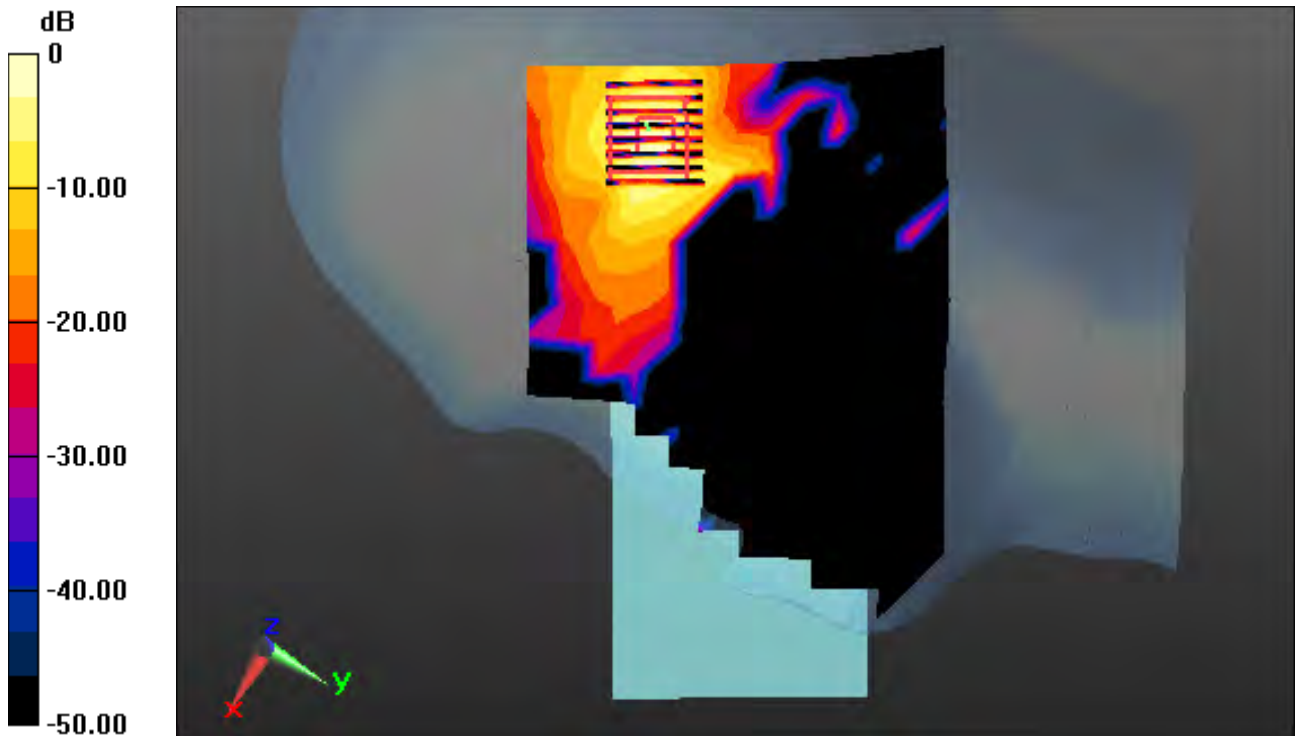
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

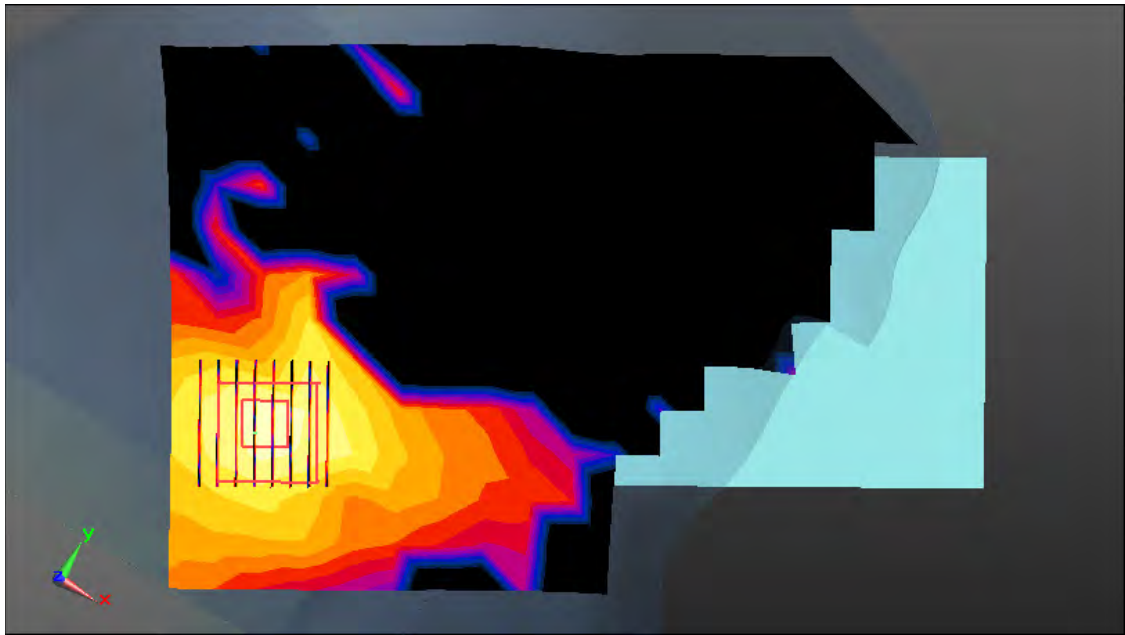
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.128 W/kg





Enlarged Plot for A20

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.713 \text{ S/m}$; $\epsilon_r = 35.935$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.95, 4.95, 4.95); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-02; Ambient Temp: 20.6; Tissue Temp: 20.8

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

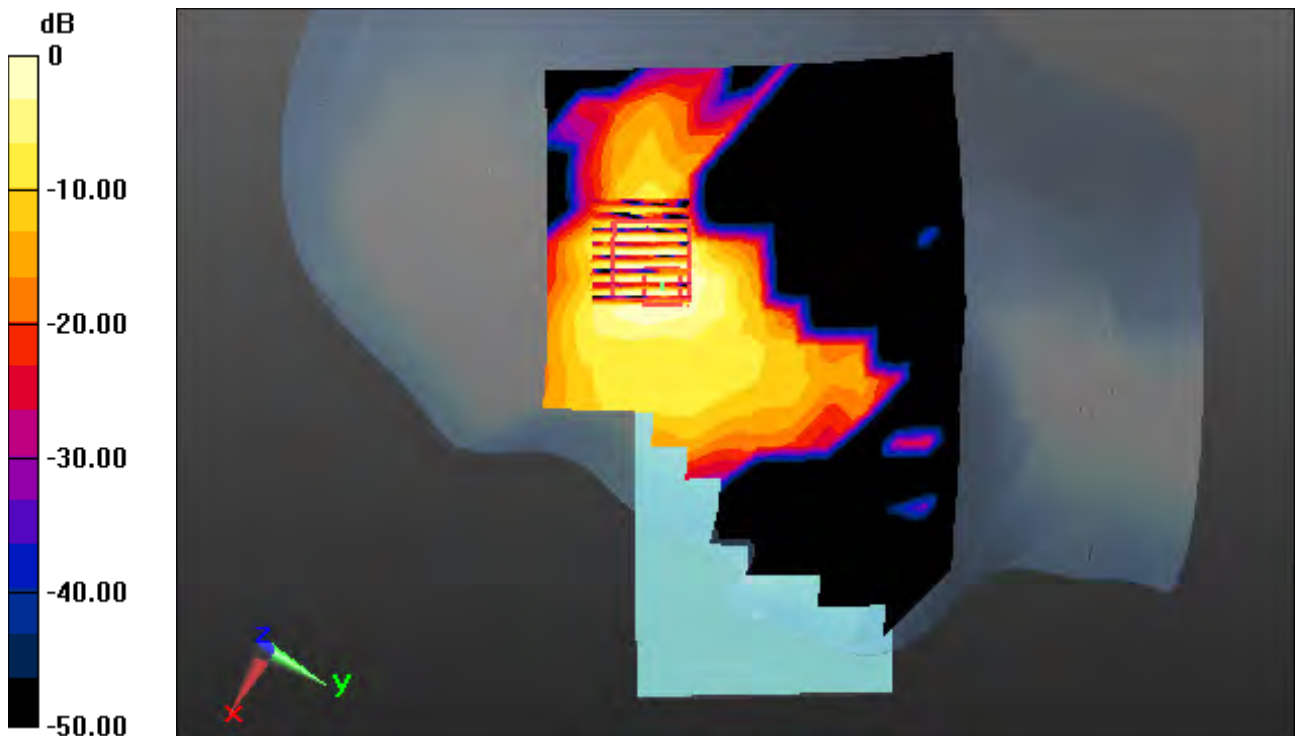
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

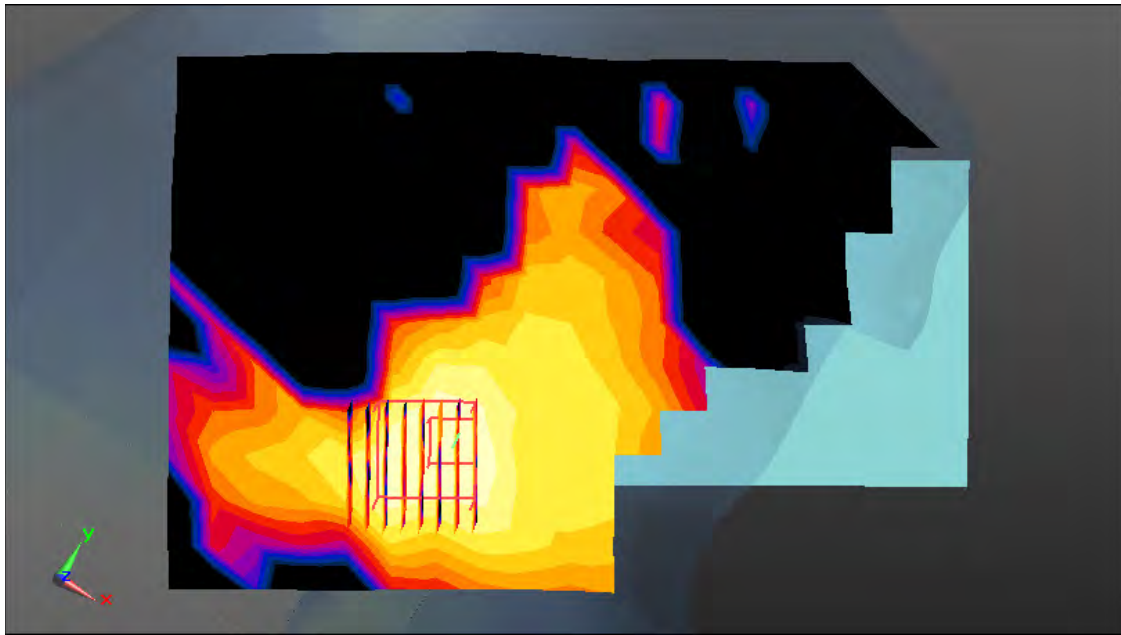
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 0.981 W/kg



Enlarged Plot for A21

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.713$ S/m; $\epsilon_r = 35.935$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.95, 4.95, 4.95); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-02; Ambient Temp: 20.6; Tissue Temp: 20.8

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

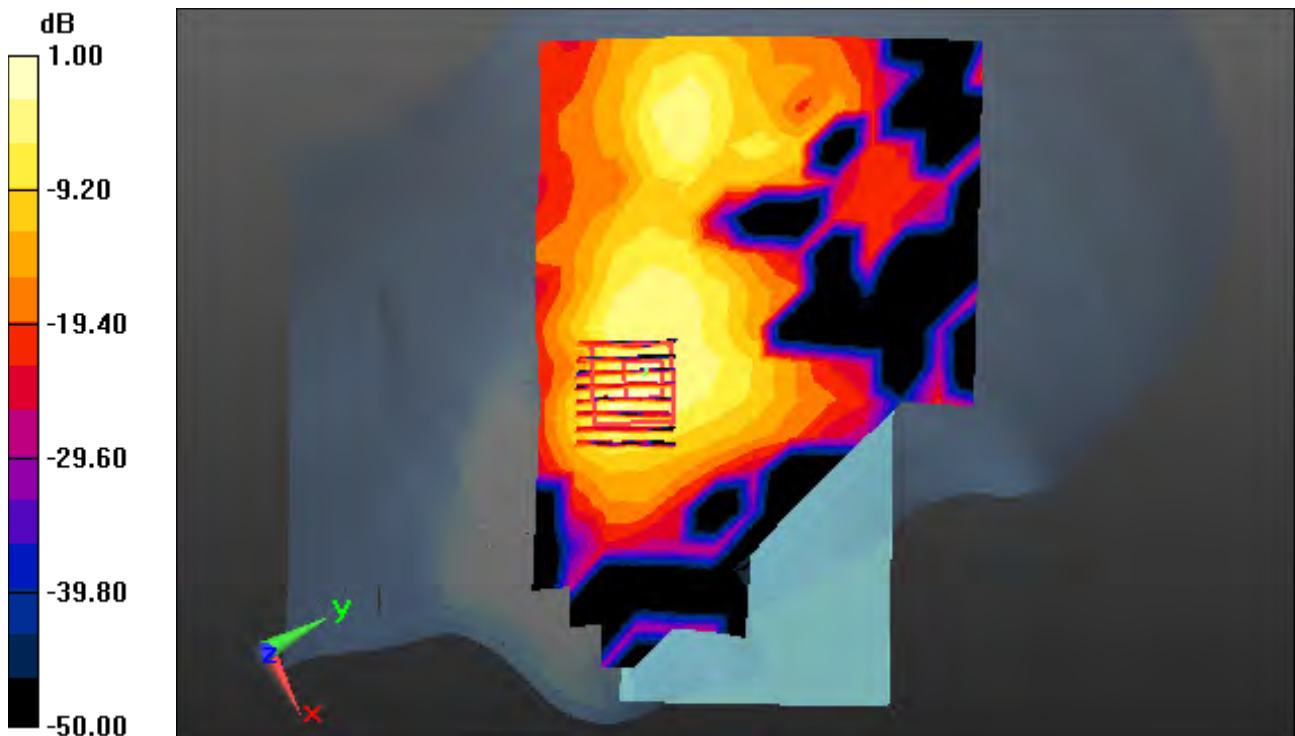
Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm

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

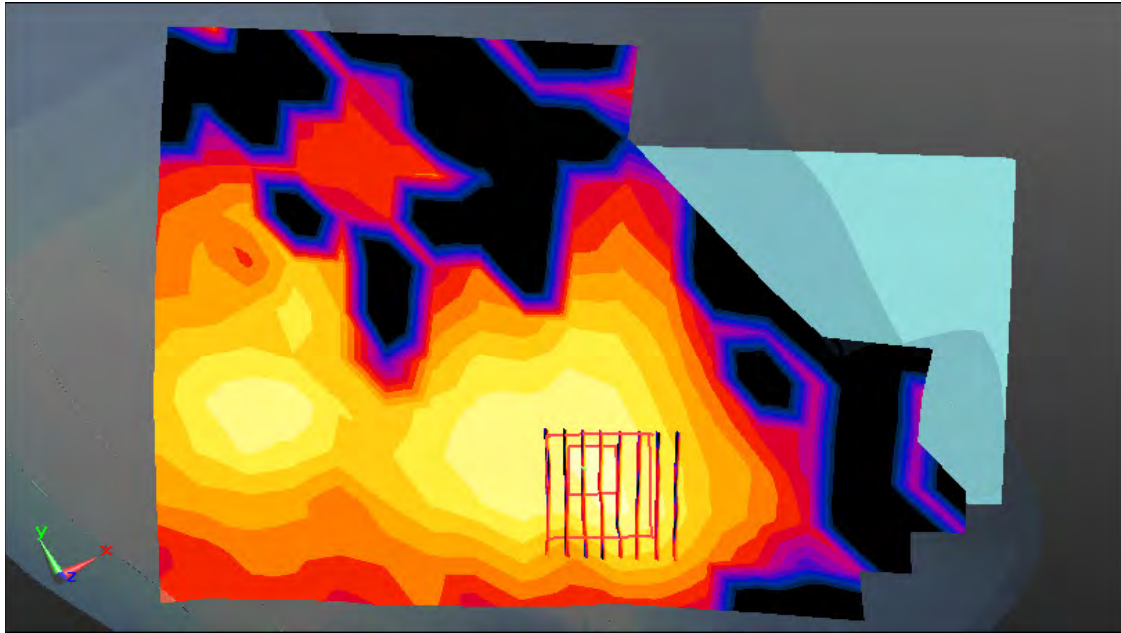
Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.158 W/kg



0 dB = 1.34 W/kg



Enlarged Plot for A22

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.727 \text{ S/m}$; $\epsilon_r = 35.917$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.95, 4.95, 4.95); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-02; Ambient Temp: 20.6; Tissue Temp: 20.8

Left Touch, WLAN(802.11n HT40) Ch. 54, Ant Internal, Standard Battery, Ant.2

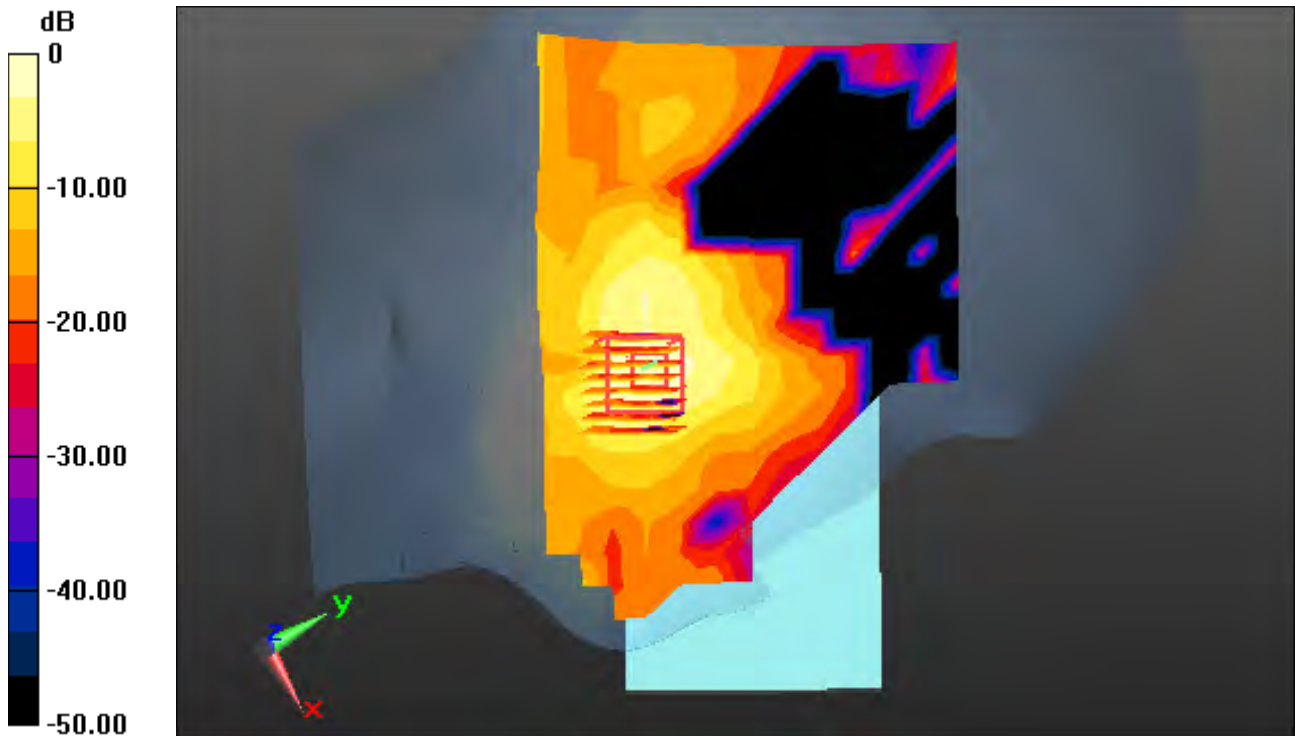
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

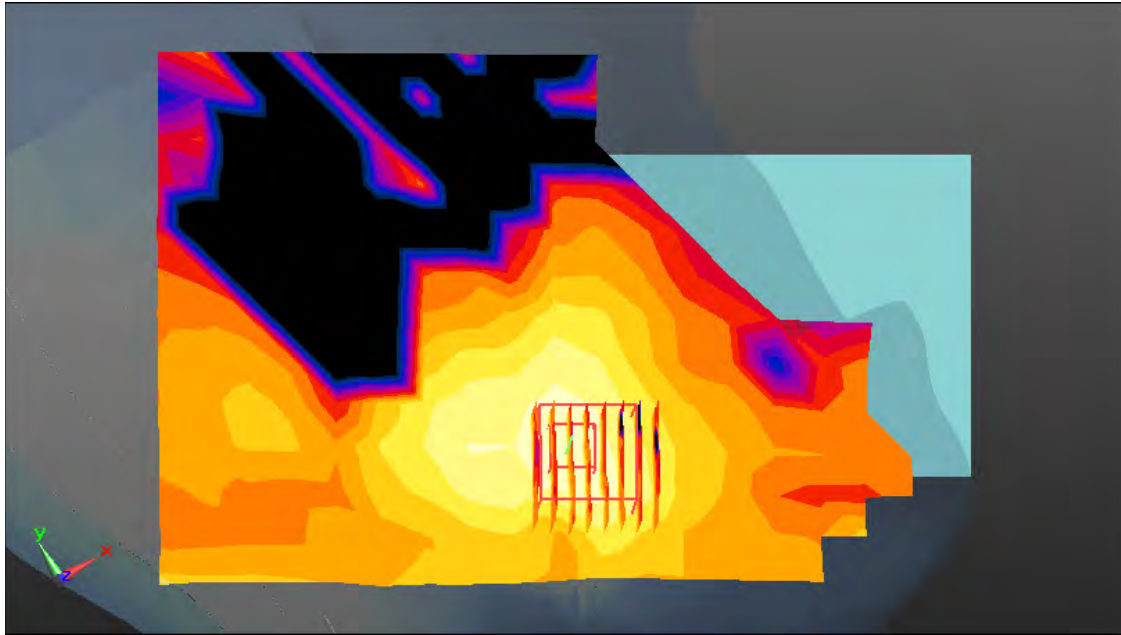
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.956 W/kg



Enlarged Plot for A23

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 5660$ MHz; $\sigma = 5.111$ S/m; $\epsilon_r = 34.921$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.52, 4.52, 4.52); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-03; Ambient Temp: 20.7; Tissue Temp: 20.9

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

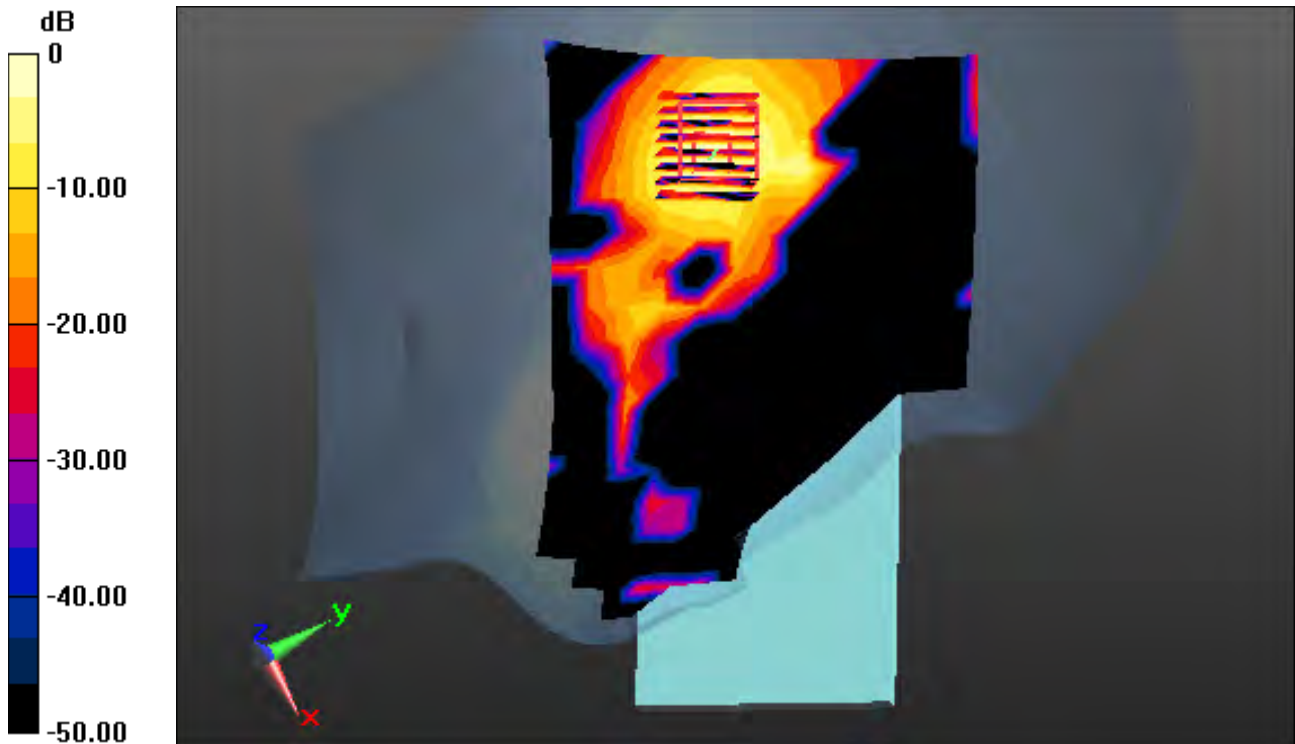
Area Scan (13x21x1): Measurement grid: dx=10mm, dy=10mm

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

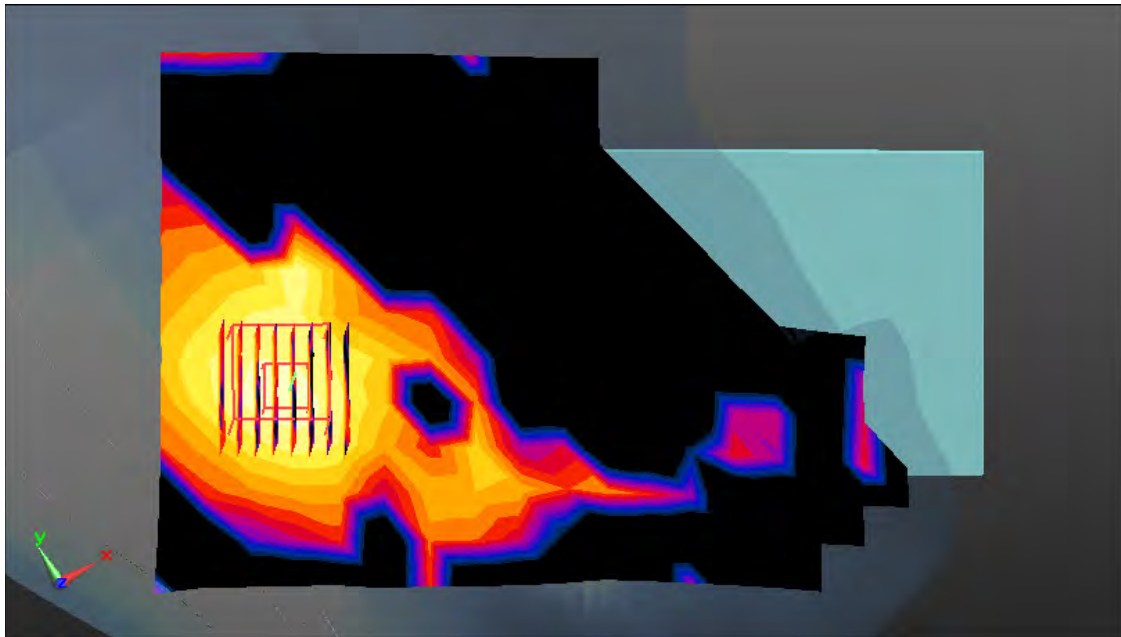
Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.159 W/kg



0 dB = 1.40 W/kg



Enlarged Plot for A24

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.111 \text{ S/m}$; $\epsilon_r = 34.921$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.52, 4.52, 4.52); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-03; Ambient Temp: 20.7; Tissue Temp: 20.9

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

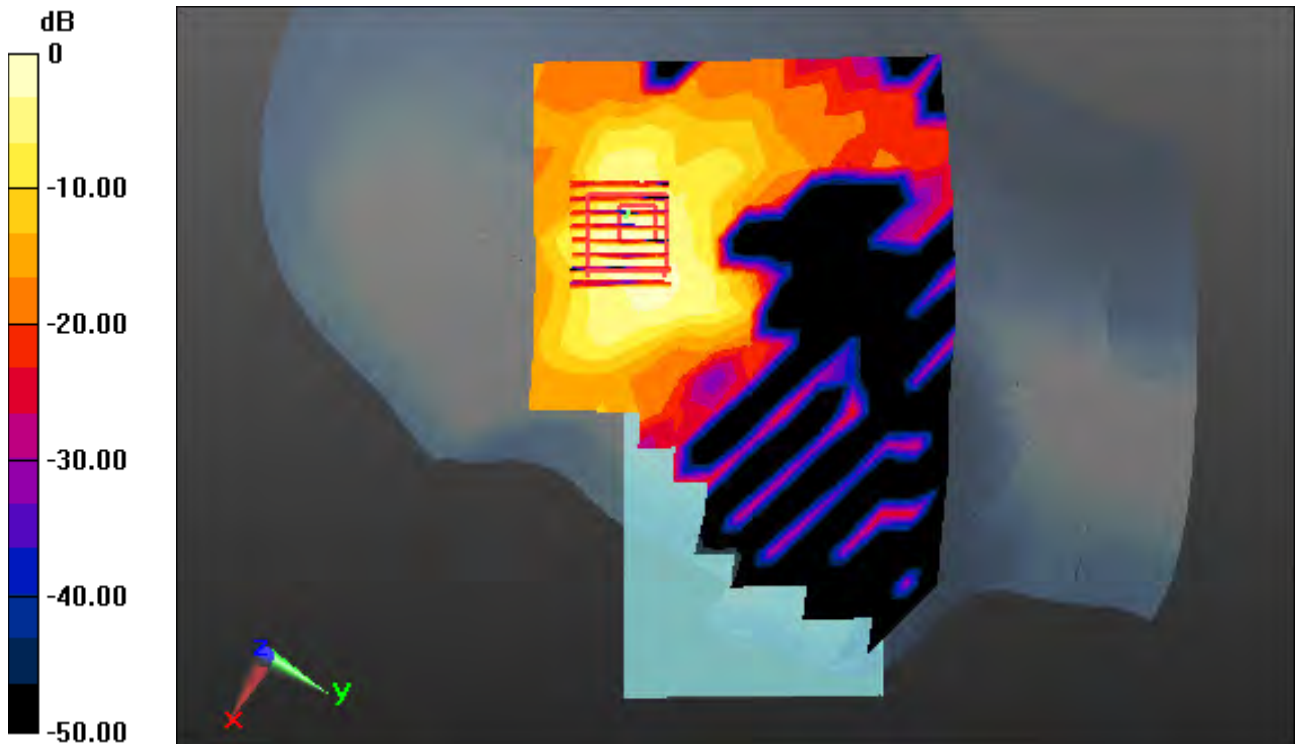
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

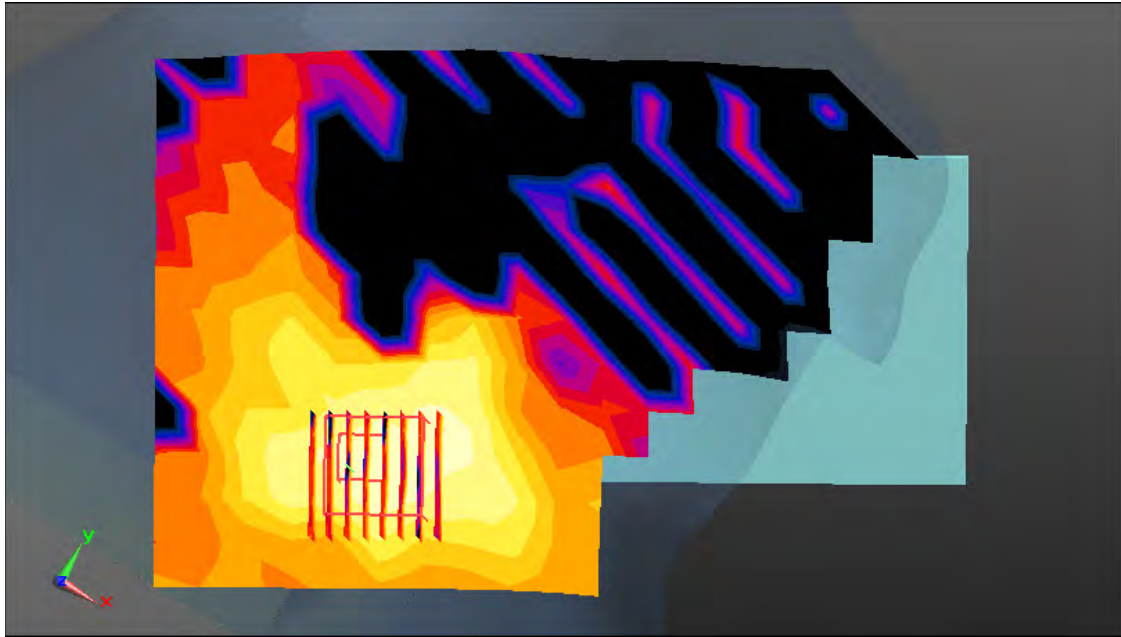
Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.162 W/kg



0 dB = 1.24 W/kg



Enlarged Plot for A25

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 5660 \text{ MHz}$; $\sigma = 5.111 \text{ S/m}$; $\epsilon_r = 34.921$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.52, 4.52, 4.52); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-03; Ambient Temp: 20.7; Tissue Temp: 20.9

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

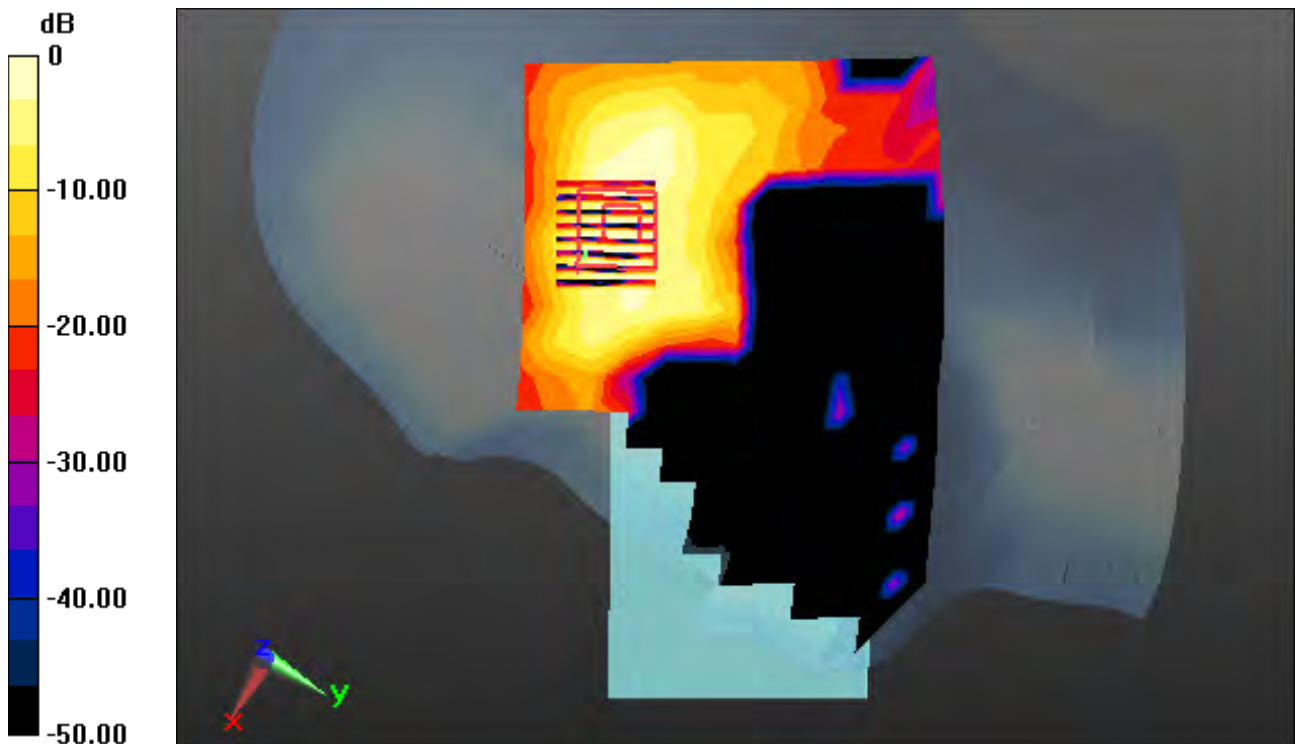
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

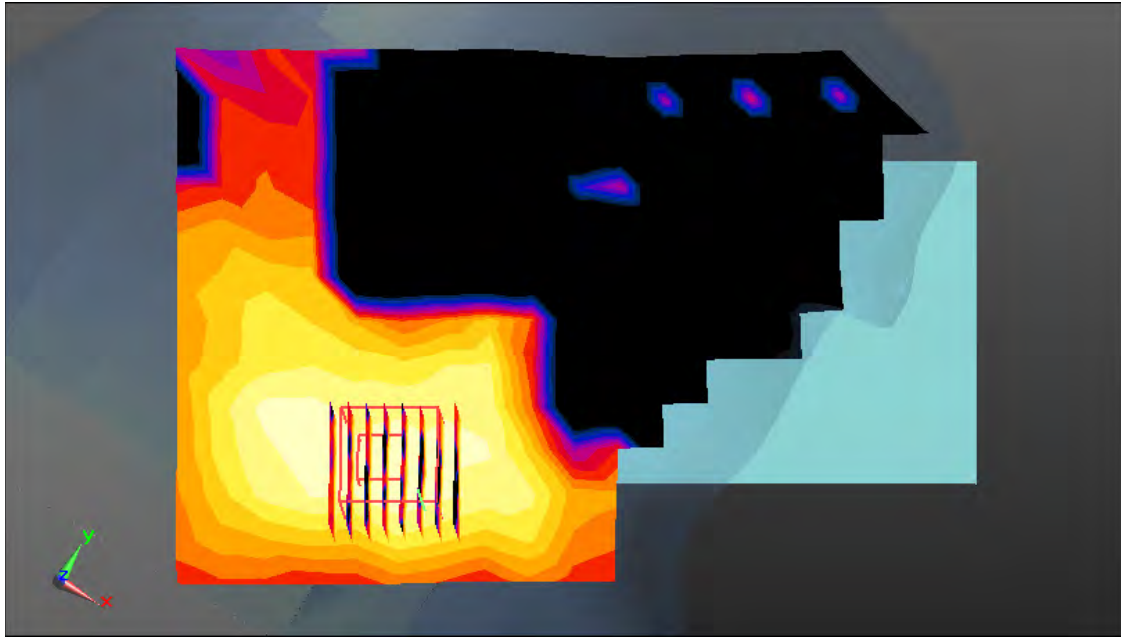
Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.195 W/kg



0 dB = 1.53 W/kg



Enlarged Plot for A26

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.261 \text{ S/m}$; $\epsilon_r = 34.749$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-04; Ambient Temp: 20.6; Tissue Temp: 20.7

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

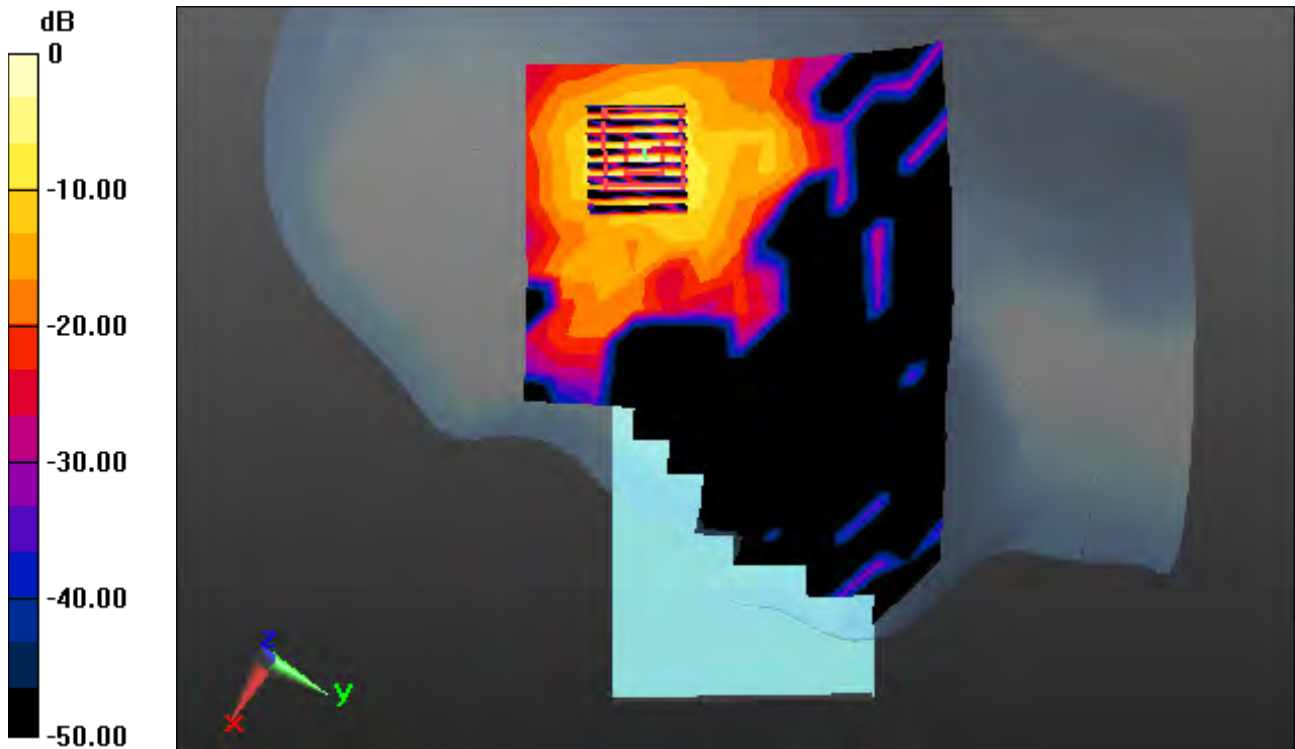
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.18 dB

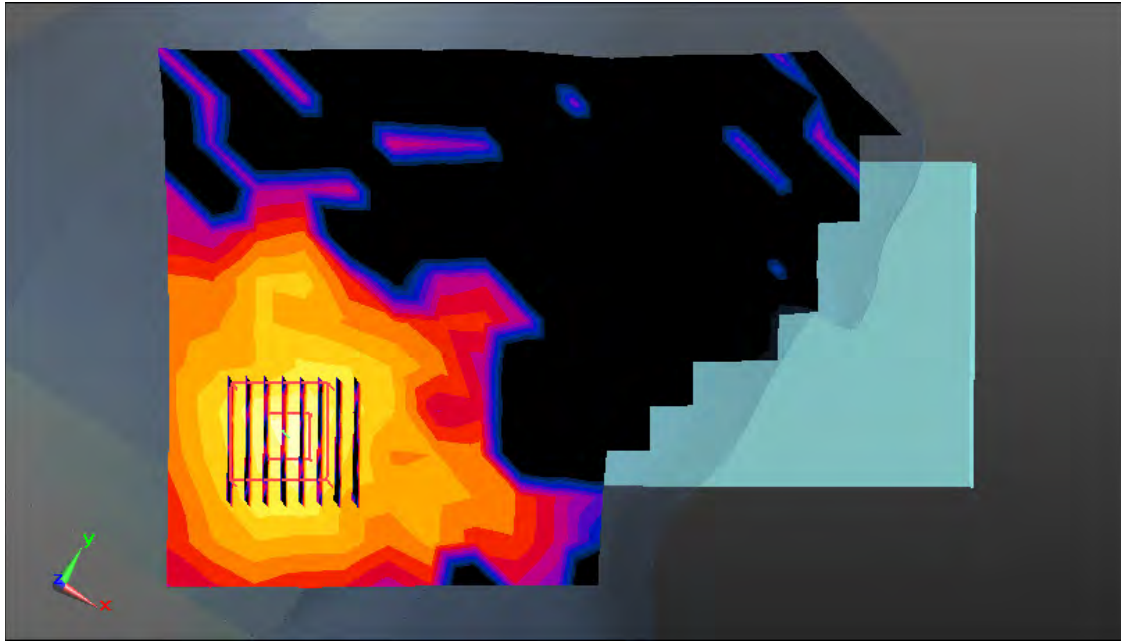
Peak SAR (extrapolated) = 5.02 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.268 W/kg



0 dB = 3.03 W/kg

A27



Enlarged Plot for A27

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.261 \text{ S/m}$; $\epsilon_r = 34.749$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-04; Ambient Temp: 20.6; Tissue Temp: 20.7

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

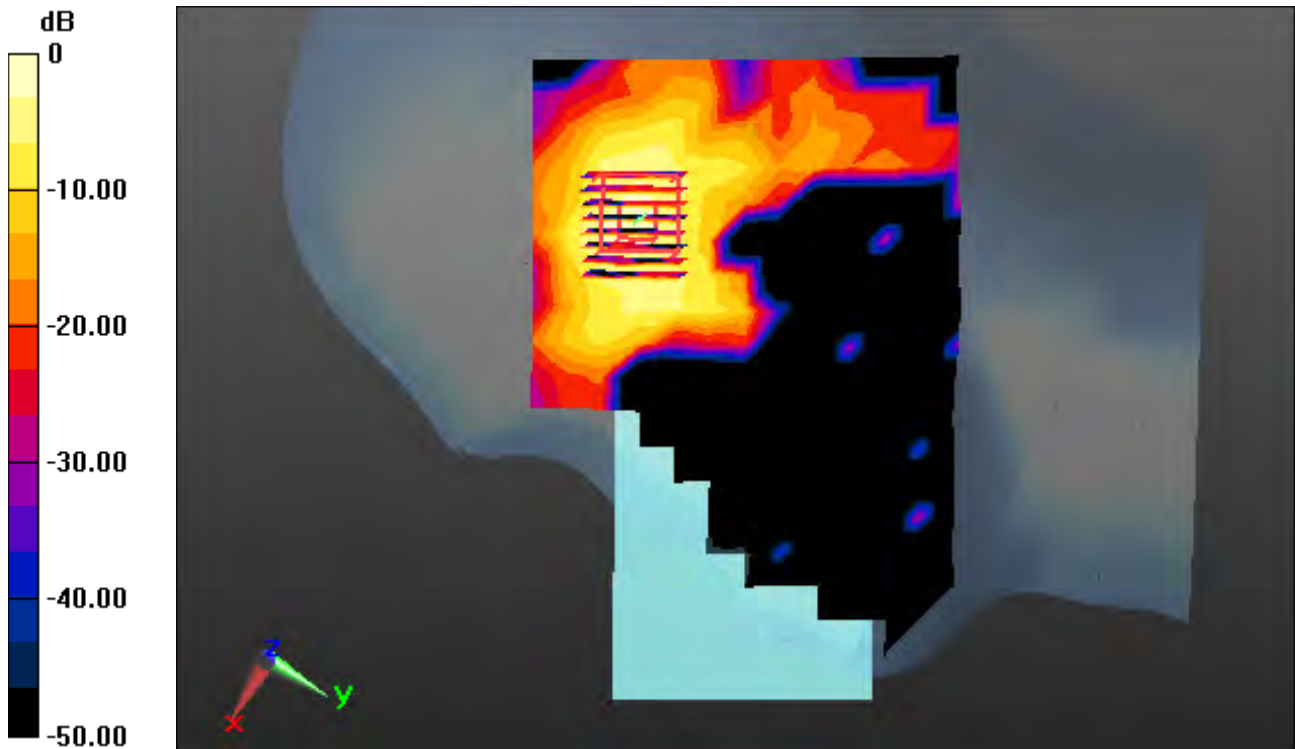
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

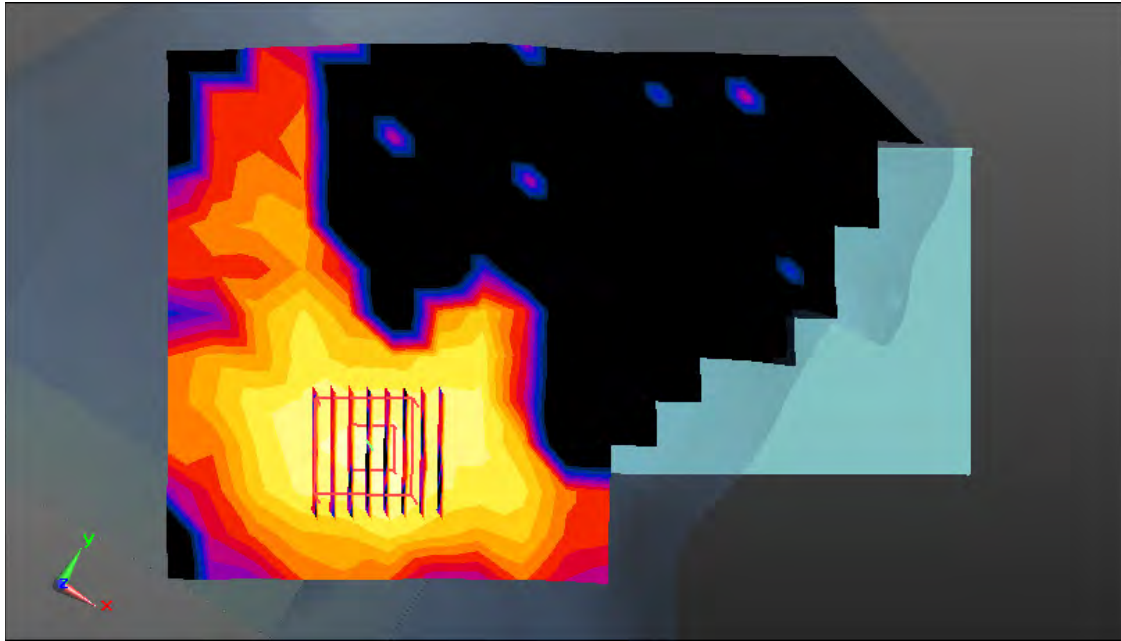
Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.176 W/kg



0 dB = 1.52 W/kg



Enlarged Plot for A28

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.261 \text{ S/m}$; $\epsilon_r = 34.749$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-04; Ambient Temp: 20.6; Tissue Temp: 20.7

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

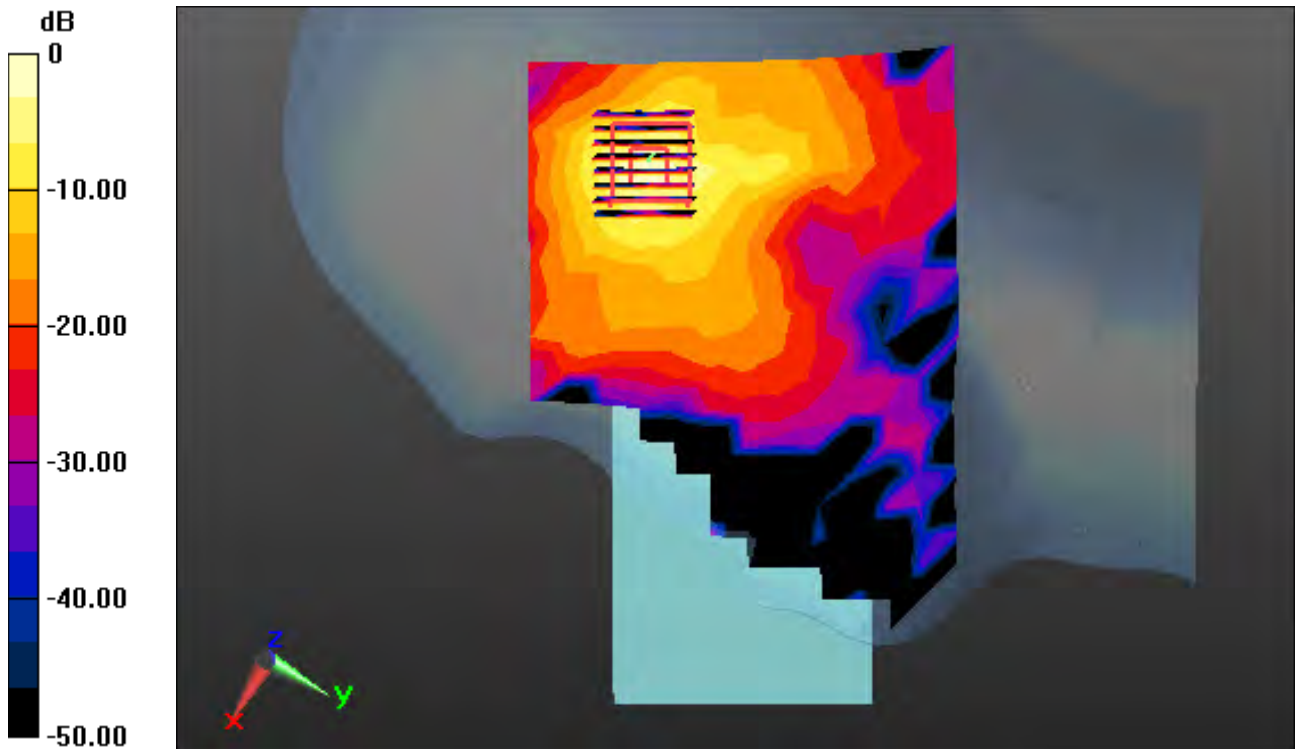
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

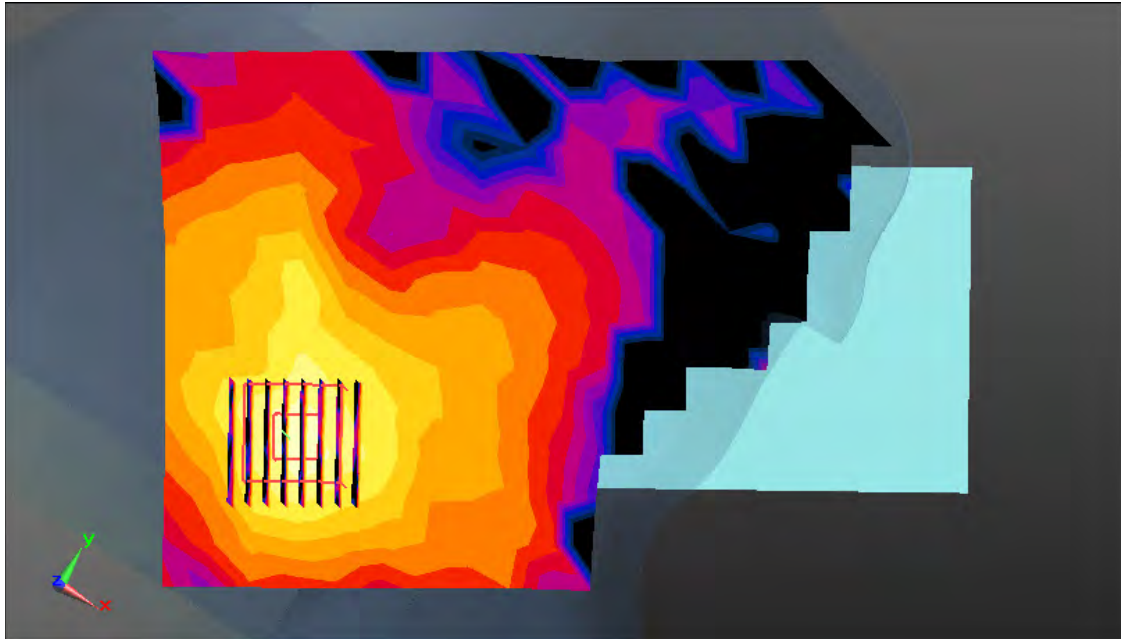
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.305 W/kg



0 dB = 2.91 W/kg



Enlarged Plot for A29

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5710 \text{ MHz}$; $\sigma = 5.168 \text{ S/m}$; $\epsilon_r = 34.822$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-03; Ambient Temp: 20.7; Tissue Temp: 20.9

Right Touch, WLAN(802.11n HT40) Ch. 142, Ant Internal, Standard Battery, Ant.2

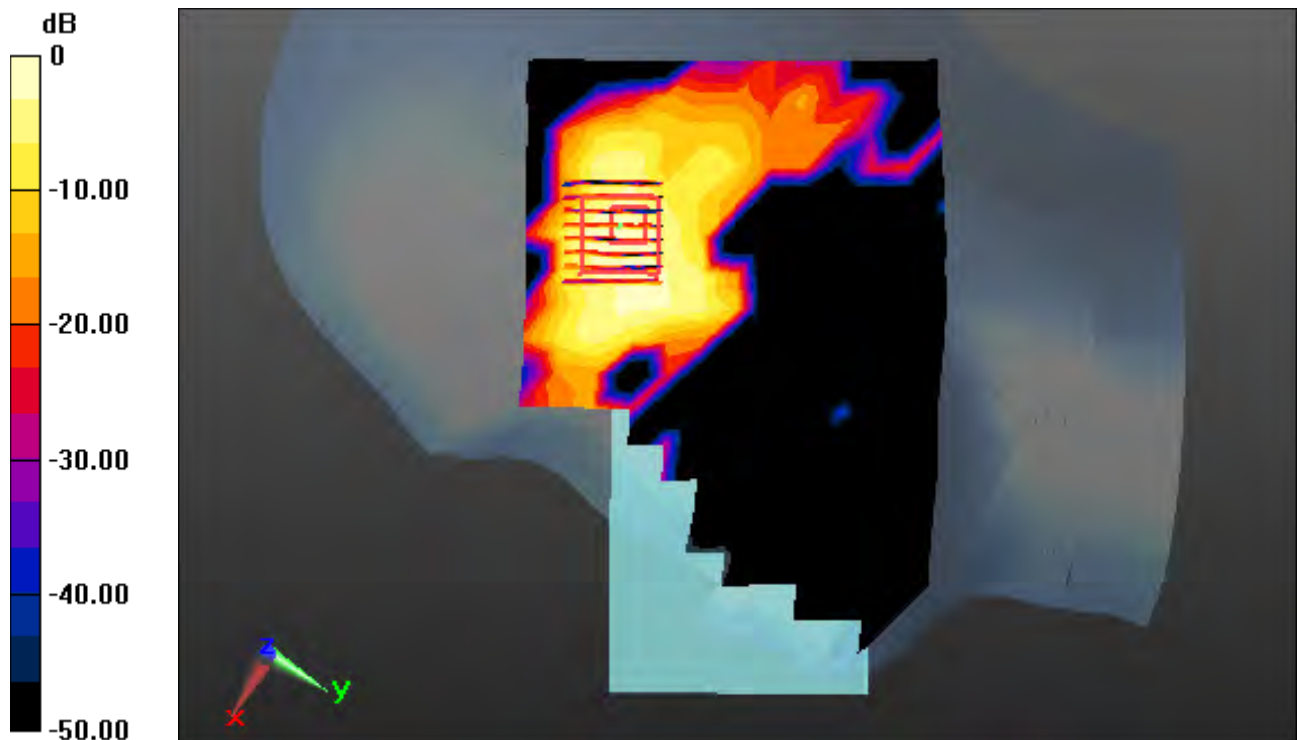
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

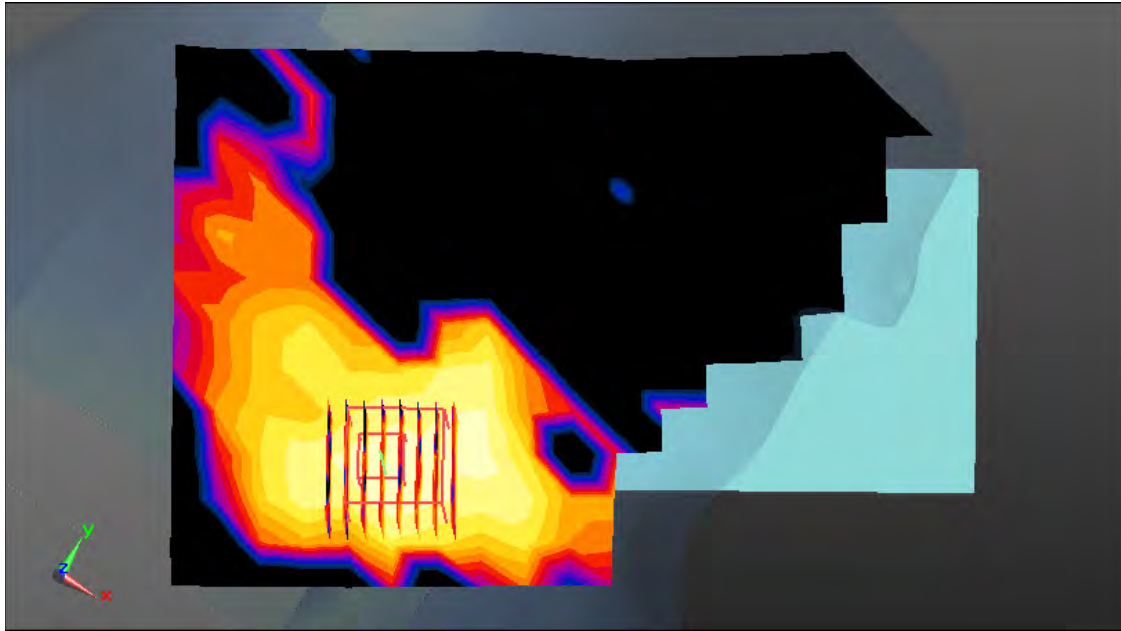
Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.106 W/kg



0 dB = 0.856 W/kg



Enlarged Plot for A30

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5795 \text{ MHz}$; $\sigma = 5.272 \text{ S/m}$; $\epsilon_r = 34.723$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 5/31/2018; Electronics: DAE4 Sn1453

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0; Type: QD000P40CD; Serial: TP:1837

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

Test Date: 2019-04-04; Ambient Temp: 20.6; Tissue Temp: 20.7

Right Touch, WLAN(802.11n HT40) Ch. 159, Ant Internal, Standard Battery, Ant.2

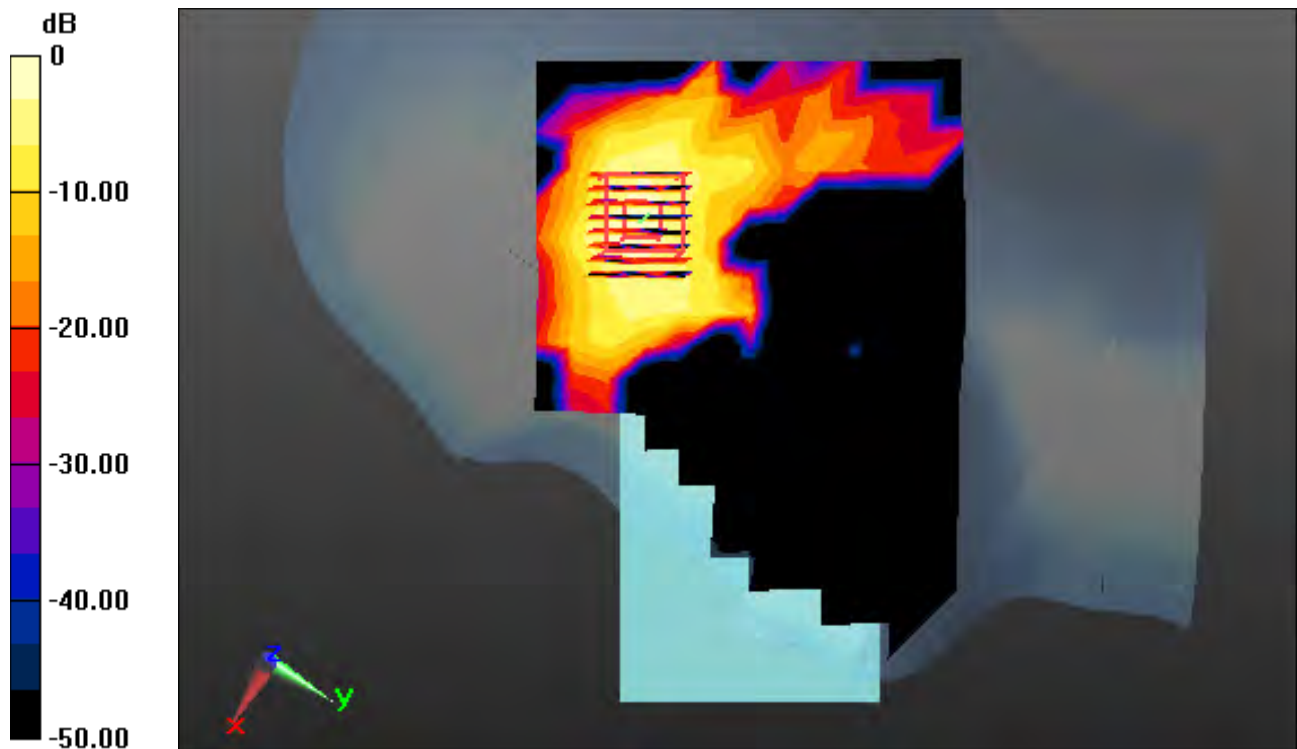
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

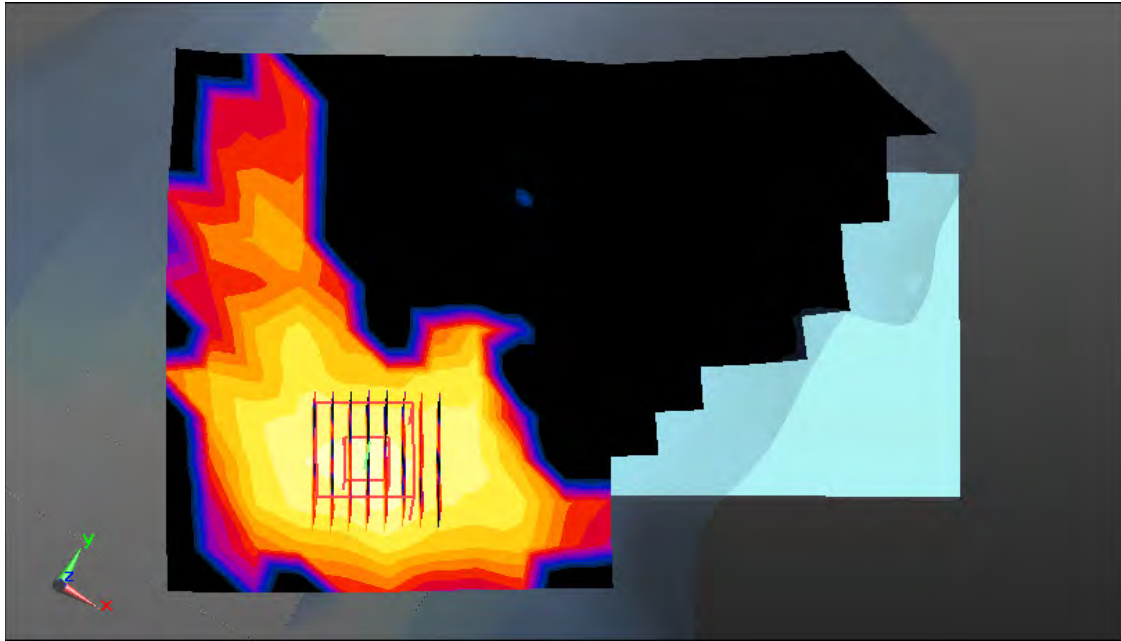
Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.135 W/kg



0 dB = 1.15 W/kg



Enlarged Plot for A31

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.809 \text{ S/m}$; $\epsilon_r = 39.973$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(7.72, 7.72, 7.72); Calibrated: 4/25/2018; 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 14.6.10 (7331)

Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 20.9

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

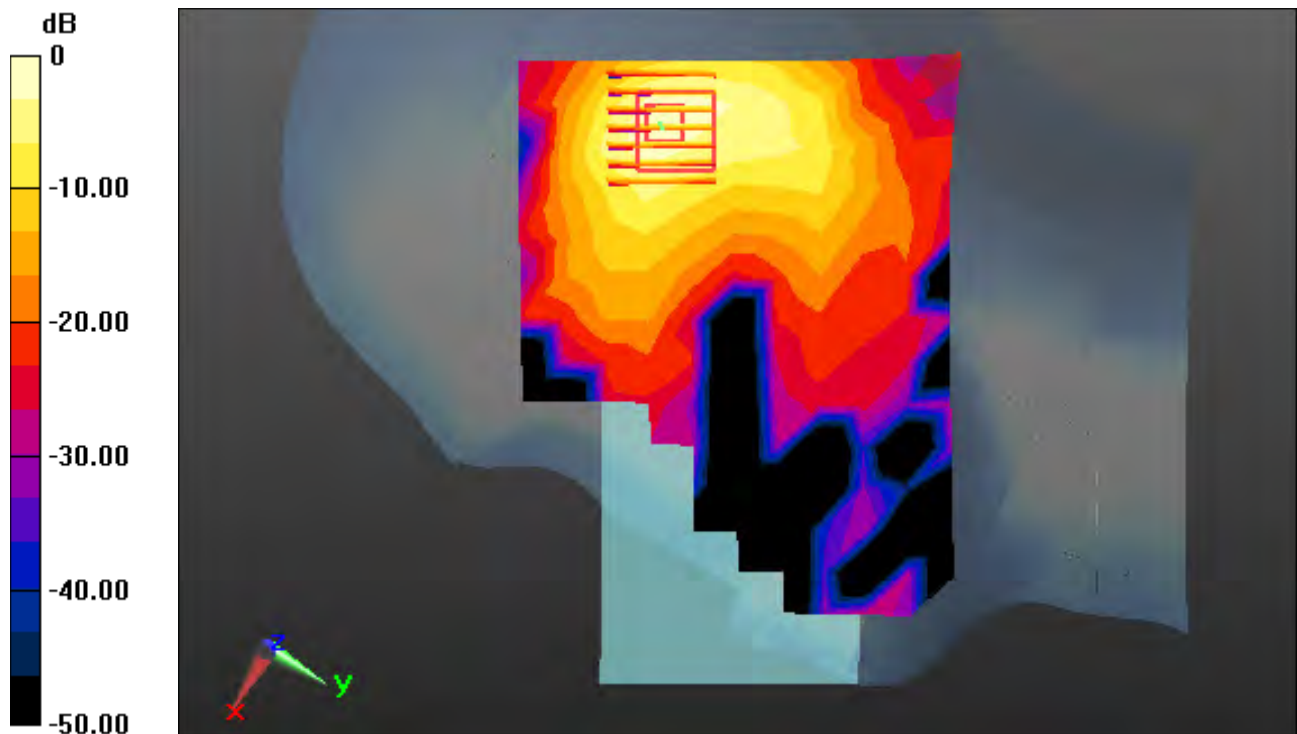
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

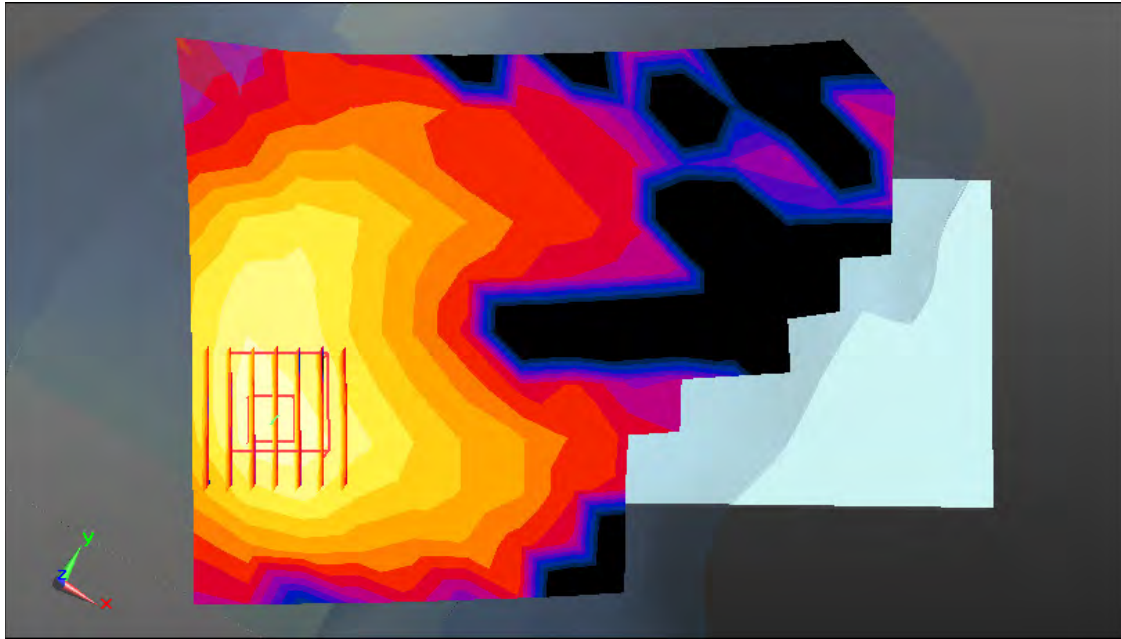
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.058 W/kg





Enlarged Plot for A32

DT&C Co., Ltd.

DUT: LM-G810EAW; 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; $\sigma = 0.992$ S/m; $\epsilon_r = 54.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-15; Ambient Temp: 22.7; Tissue Temp: 22.6

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

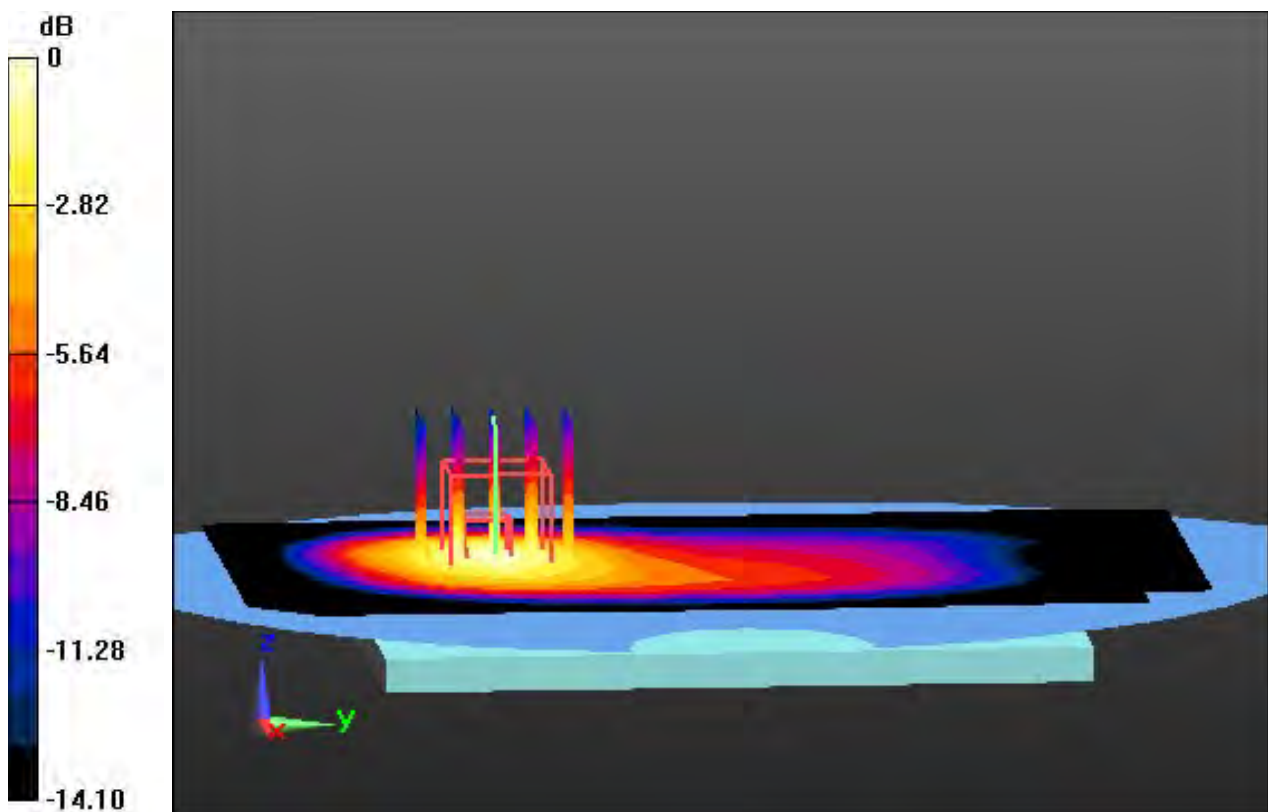
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

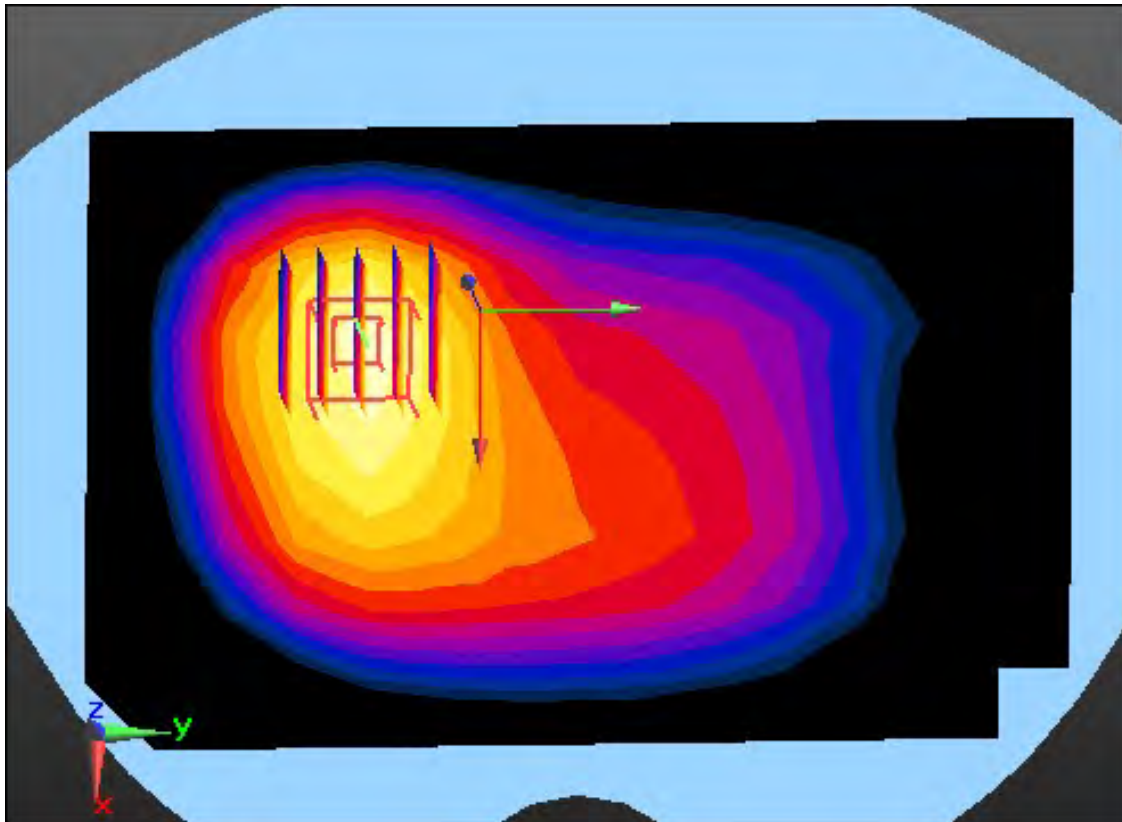
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.189 W/kg



0 dB = 0.376 W/kg



Enlarged Plot for A33

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, GSM 850 3 Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 54.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-15; Ambient Temp: 22.7; Tissue Temp: 22.6

1 cm space from Body, Rear, GSM850 GPRS 3 Tx Ch. 190, Ant. Internal

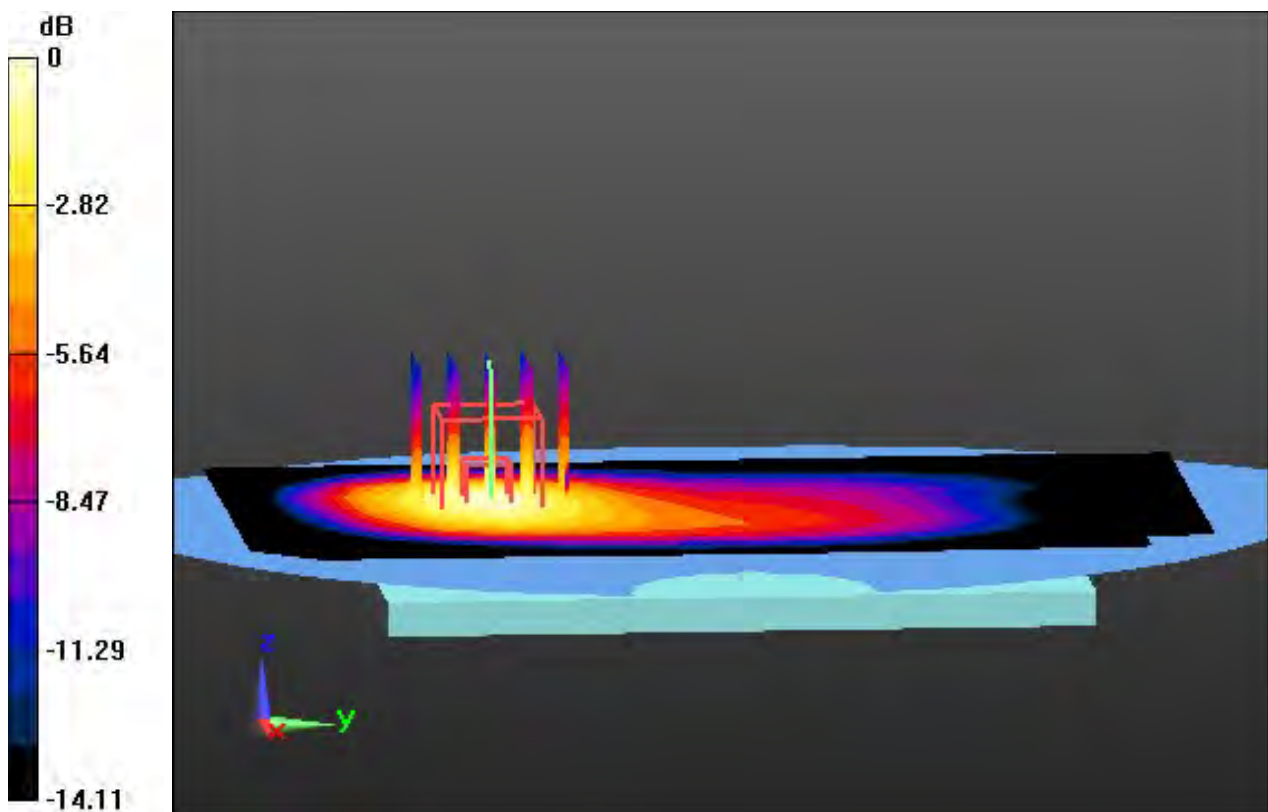
Area Scan (10x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

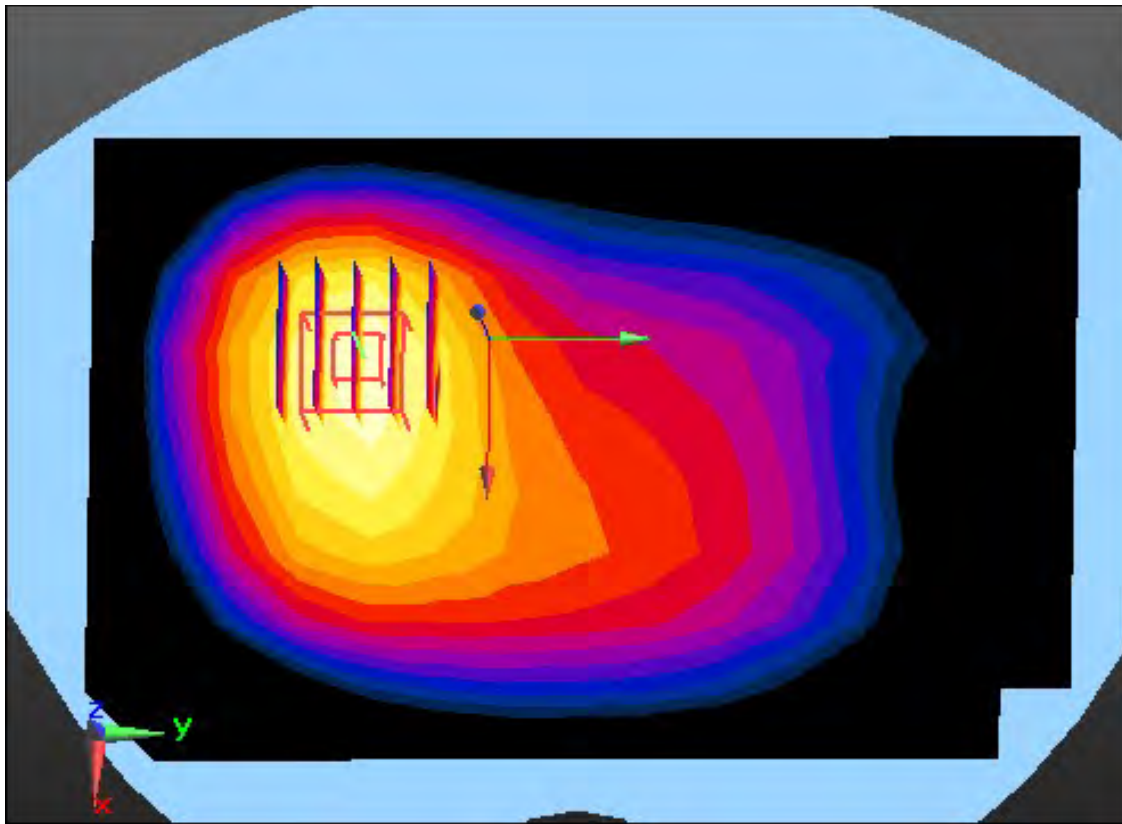
Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.282 W/kg



0 dB = 0.545 W/kg



Enlarged Plot for A34

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 55.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.03, 8.03, 8.03) @ 1880 MHz; Calibrated: 2018-11-22;

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-19; Ambient Temp: 22.2; Tissue Temp: 21.9

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

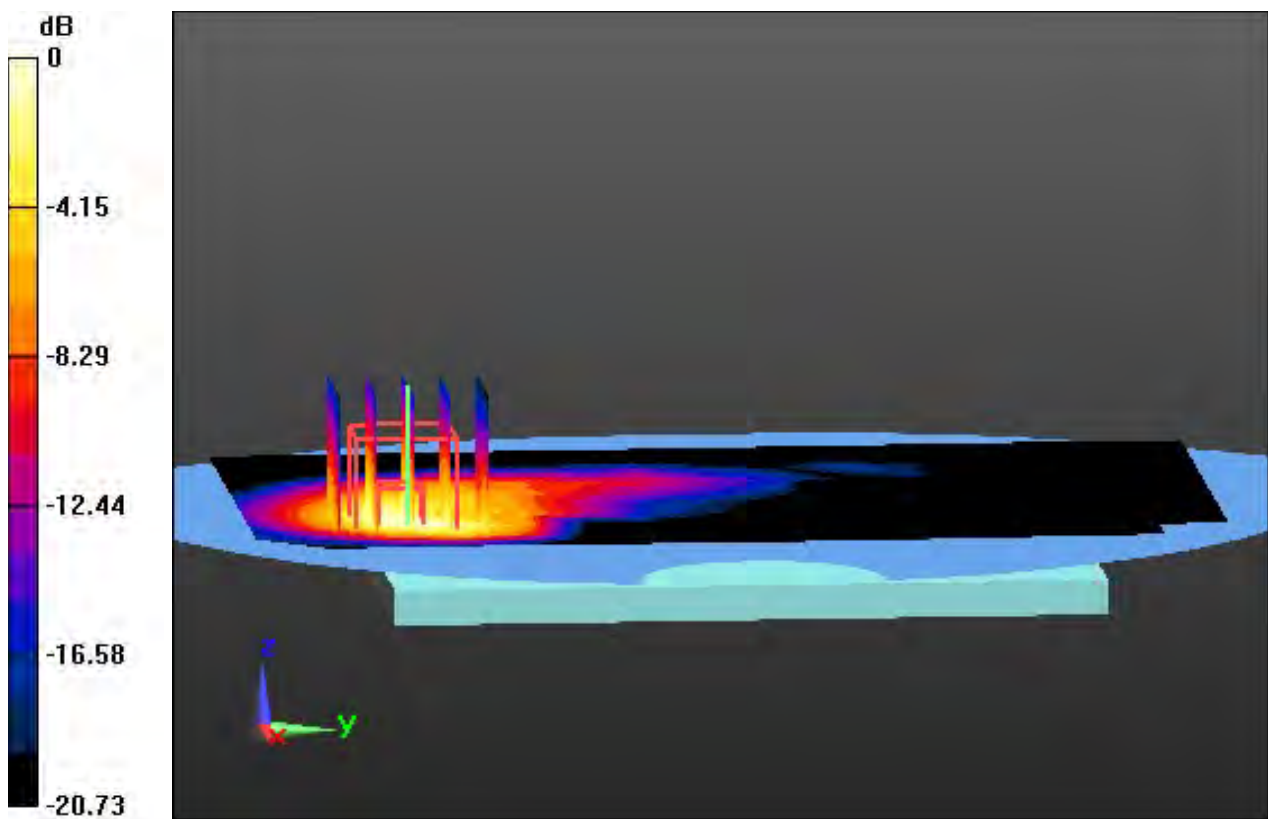
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

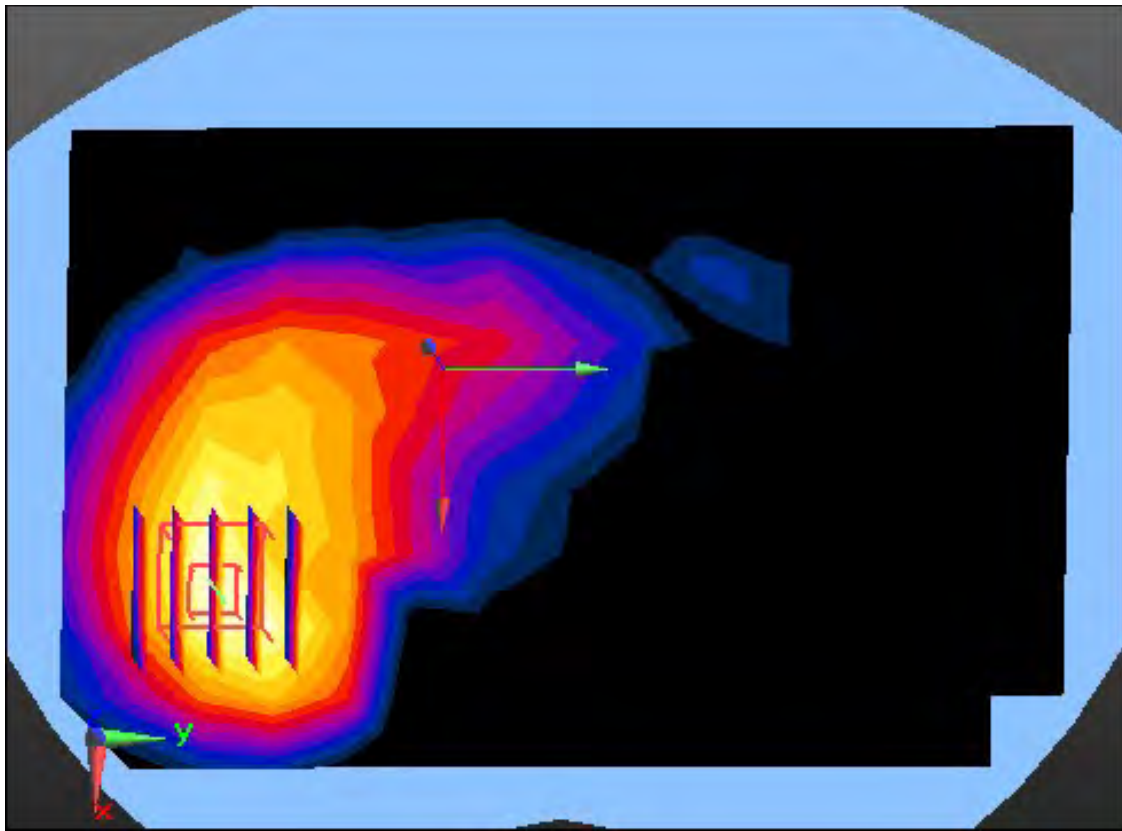
Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 0.274 W/kg



Enlarged Plot for A35

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, PCS 1900 3 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 55.251$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.03, 8.03, 8.03) @ 1880 MHz; Calibrated: 2018-11-22;

Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-19; Ambient Temp: 22.2; Tissue Temp: 21.9

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

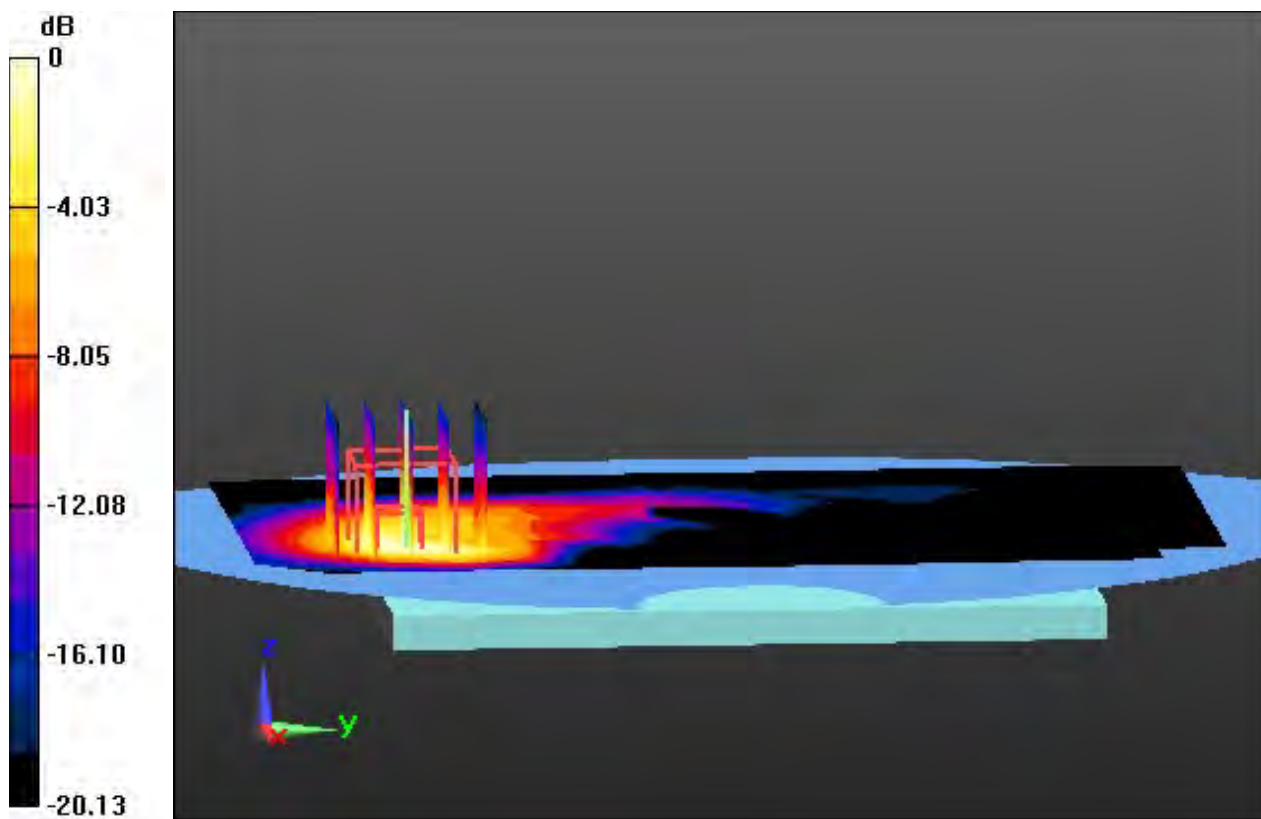
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

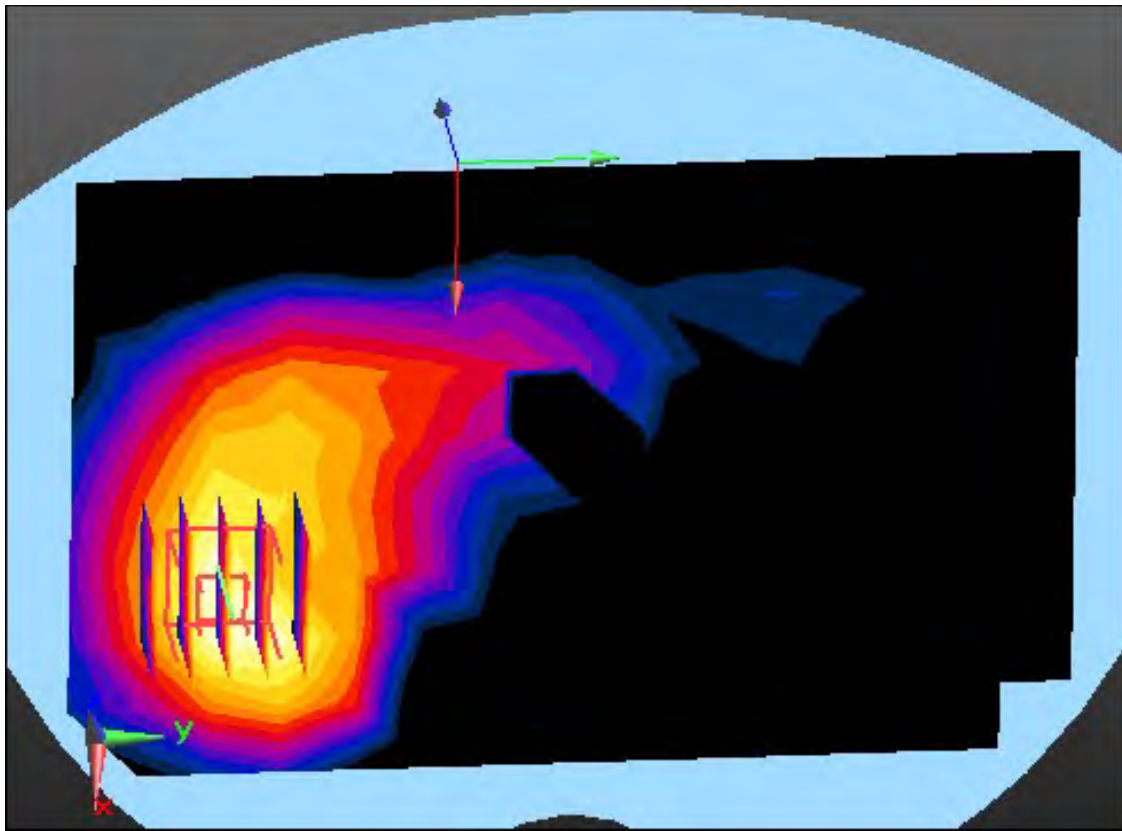
Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.146 W/kg



0 dB = 0.393 W/kg



Enlarged Plot for A36

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.992$ S/m; $\epsilon_r = 54.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 836.6 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-15; Ambient Temp: 22.7; Tissue Temp: 22.6

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

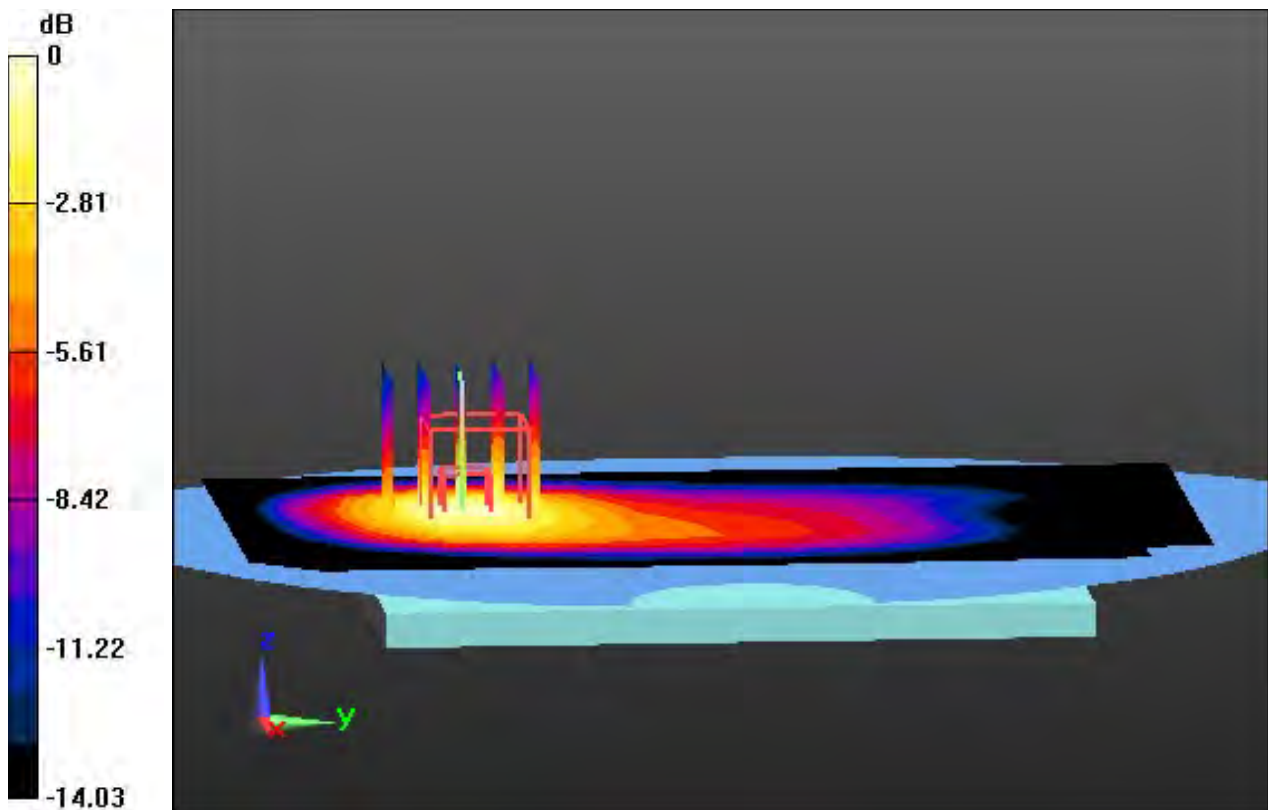
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

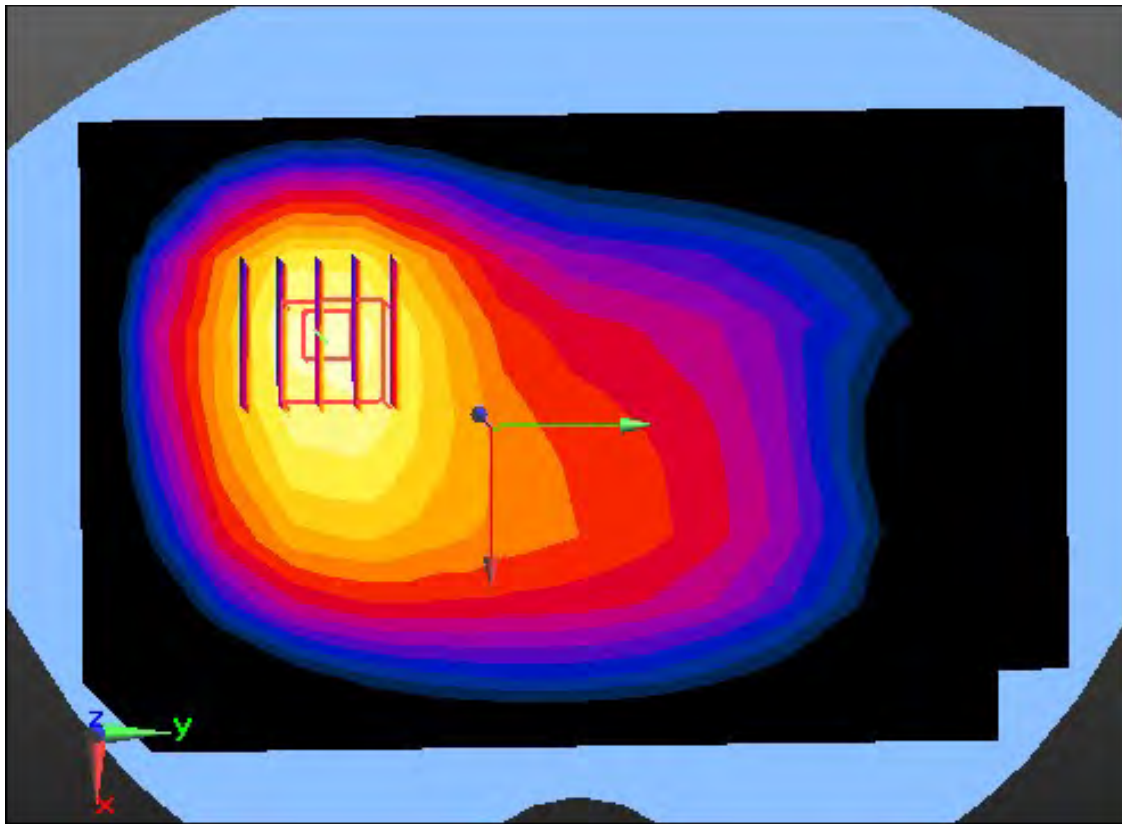
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.280 W/kg



0 dB = 0.551 W/kg



Enlaraged Plot for A37

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.471$ S/m; $\epsilon_r = 55.395$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.42, 8.42, 8.42) @ 1732.4 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-21; Ambient Temp: 21.6; Tissue Temp: 21.4

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

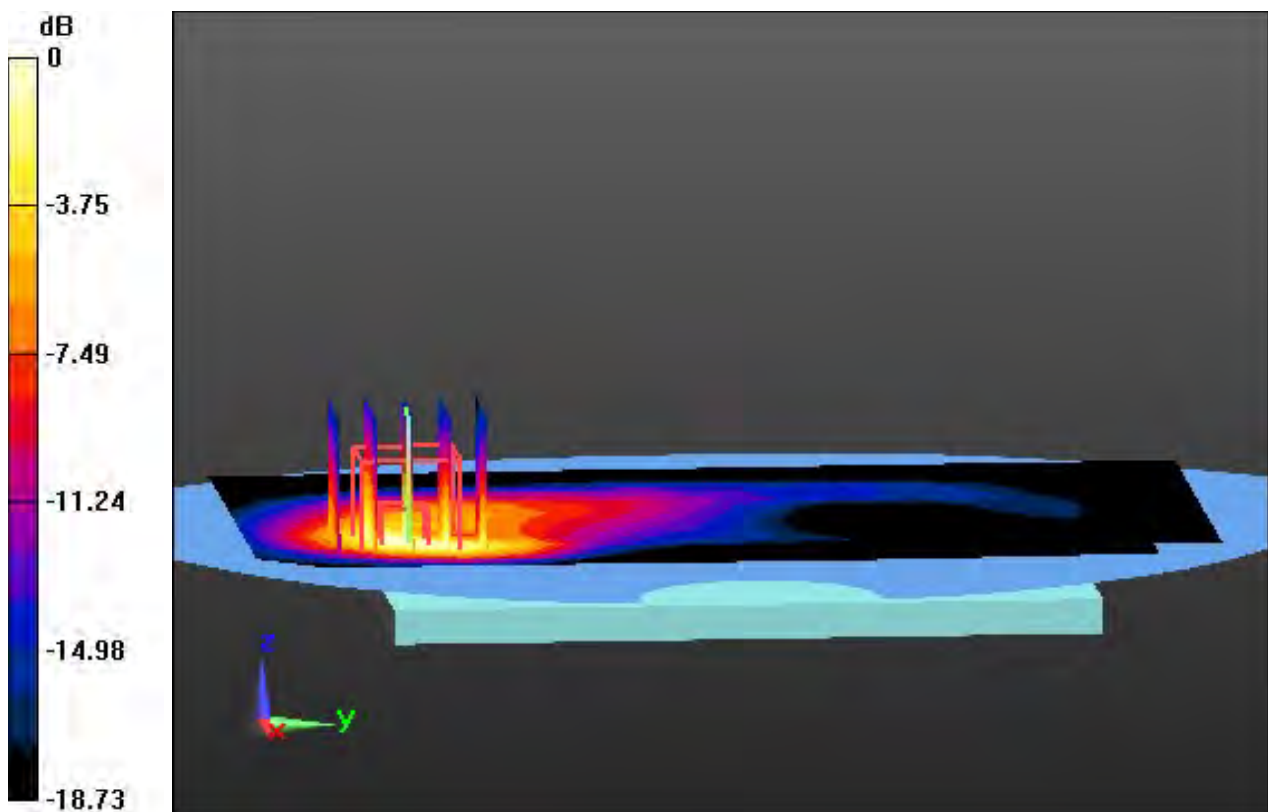
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

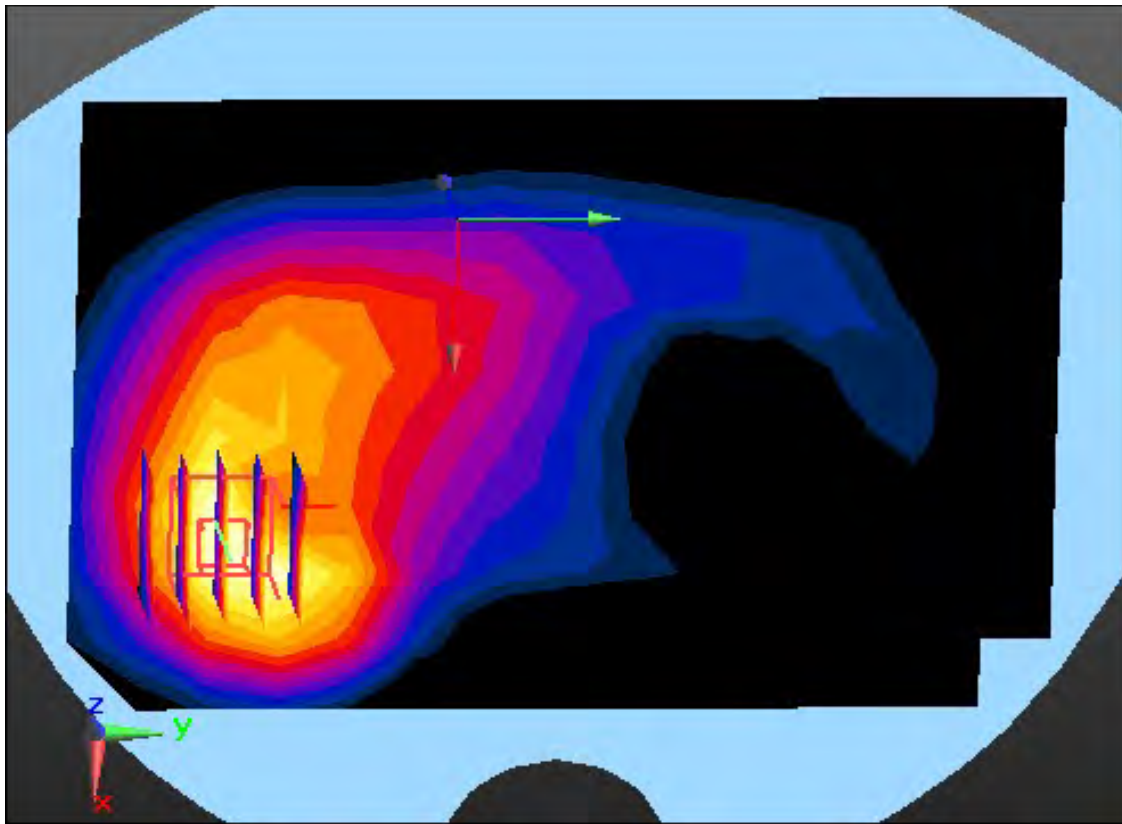
Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.947 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.281 W/kg



0 dB = 0.758 W/kg



Enlarged Plot for A38

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 55.251$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.03, 8.03, 8.03) @ 1880 MHz; Calibrated: 2018-11-22;
Electronics: DAE4 Sn1392

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2019-03-19; Ambient Temp: 22.2; Tissue Temp: 21.9

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

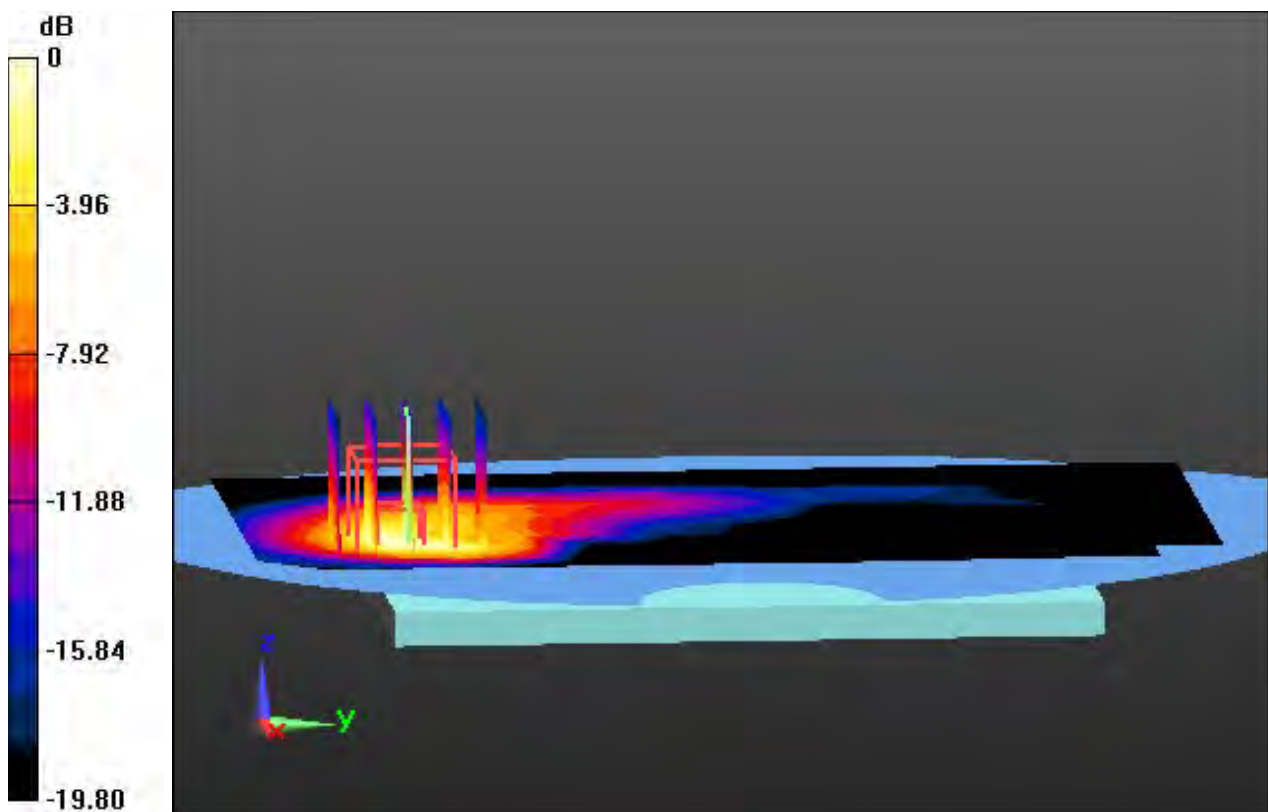
Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

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

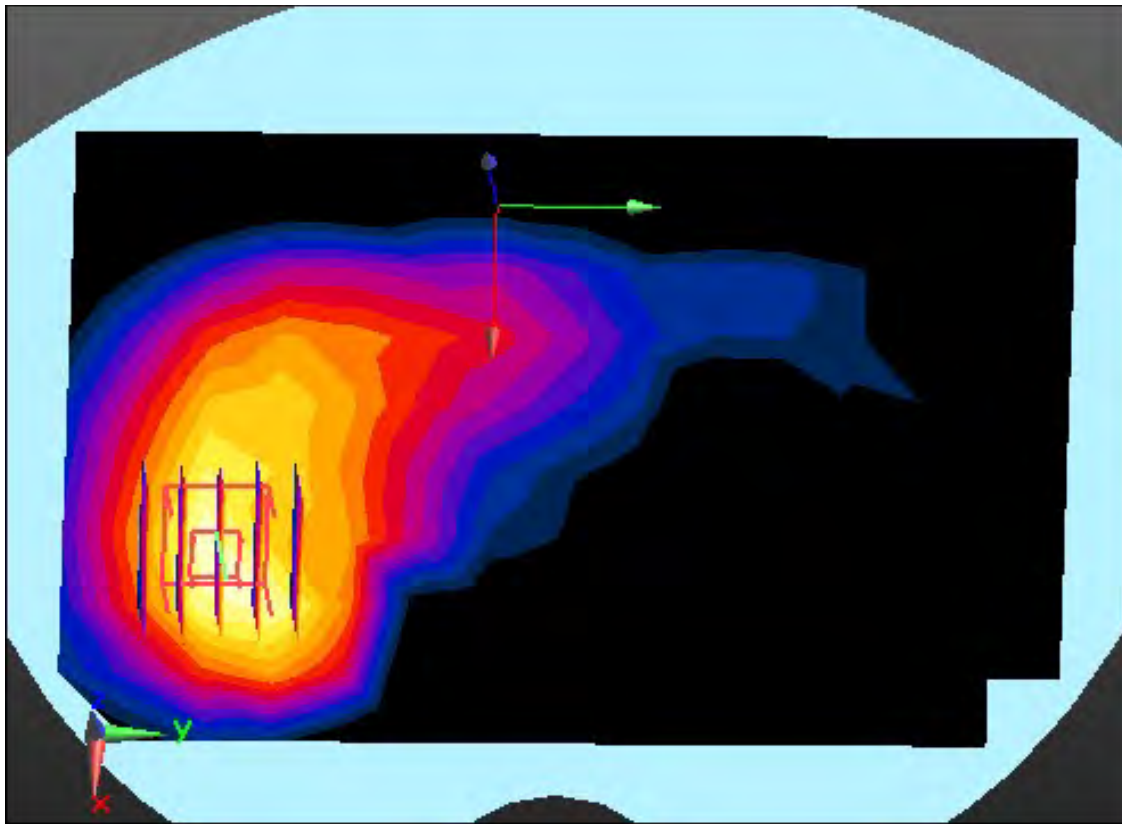
Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.252 W/kg



0 dB = 0.680 W/kg



Enlarged Plot for A39