DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

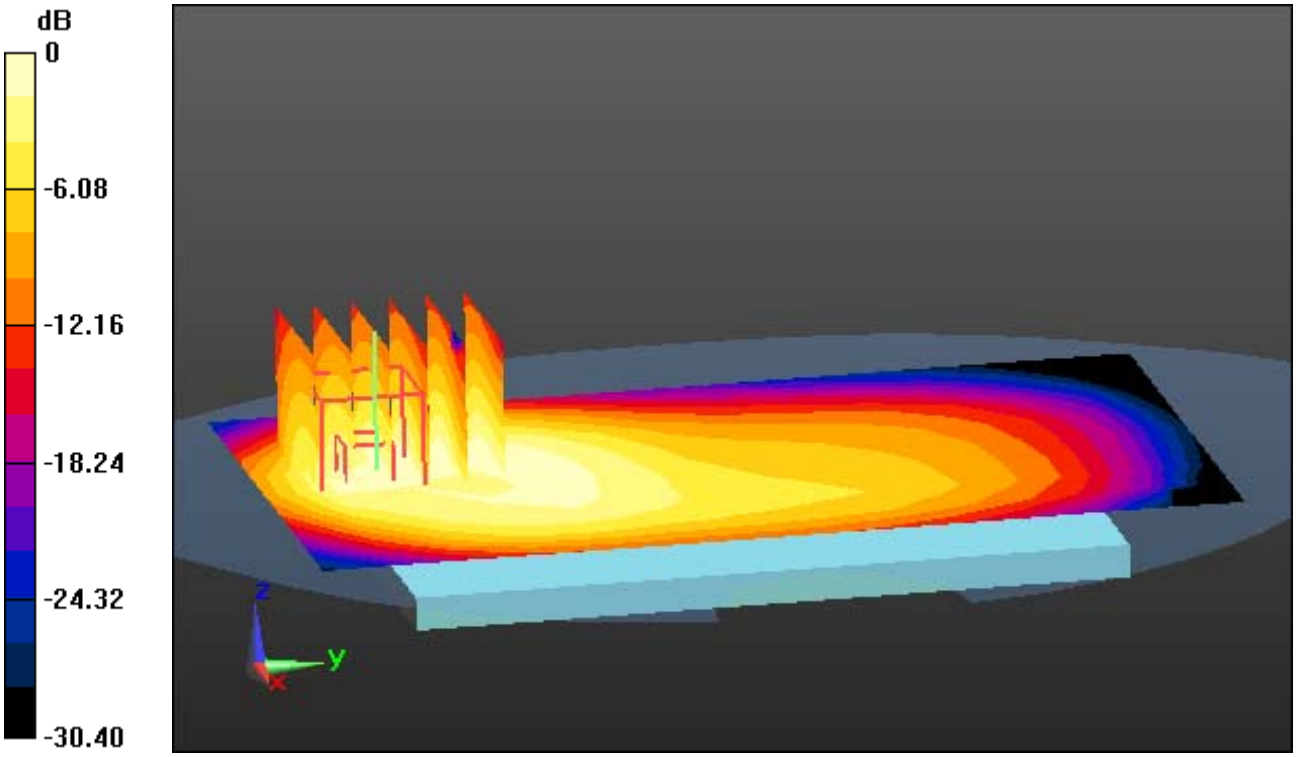
Communication System: UID 0, GSM 850_2 Tx (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: f = 836.6 MHz; σ = 0.981 S/m; ε_r = 55.05; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.6, 10.6, 10.6); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

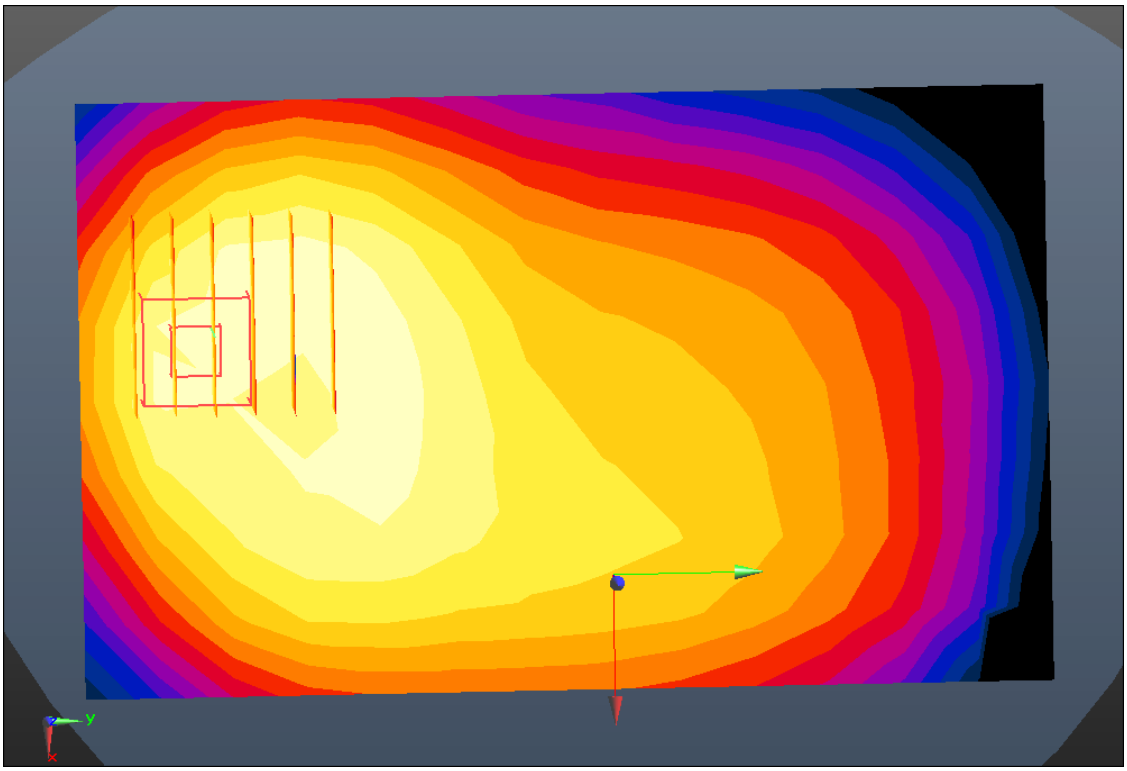
Test Date: 2018-04-03; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Rear, GSM850 GPRS 2 Tx Ch. 190, Ant Internal

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.299 W/kg



0 dB = 0.694 W/kg



Enlarged Plot for A28

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

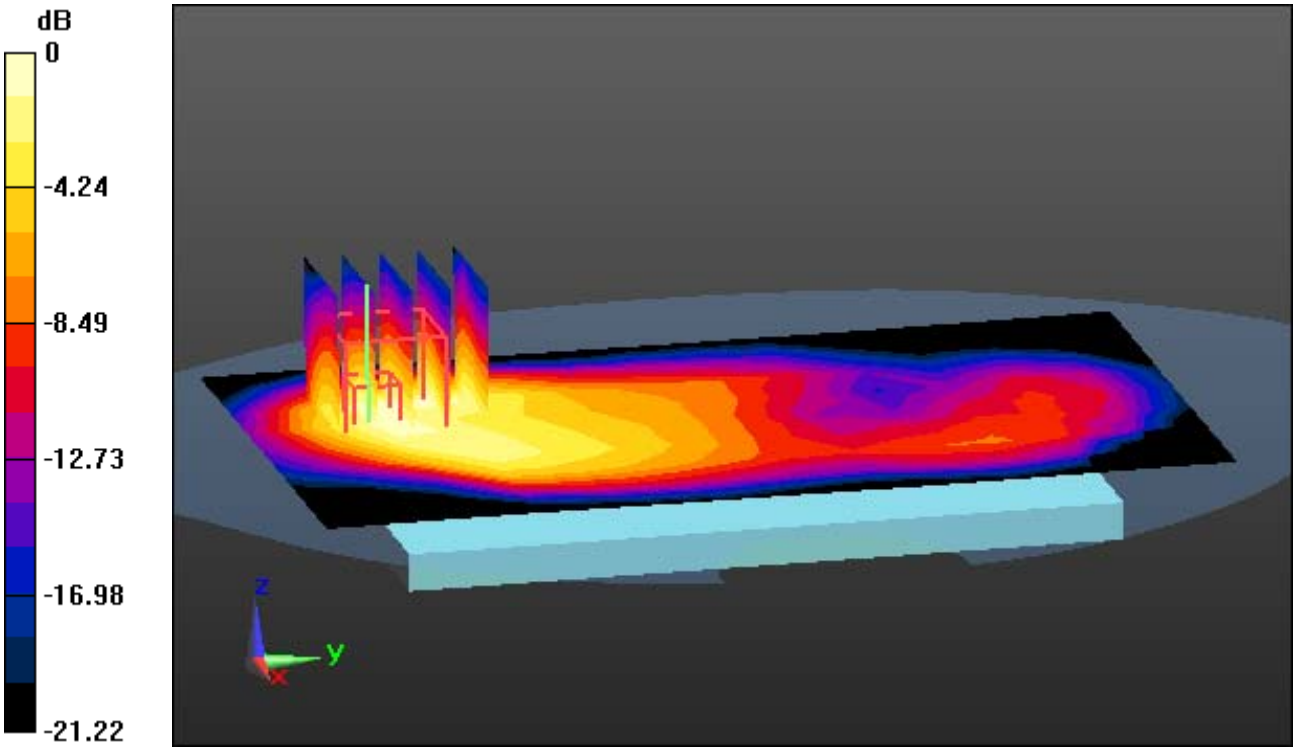
Communication System: UID 0, PCS 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.497 S/m; ε_r = 54.176; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.5, 8.5, 8.5); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

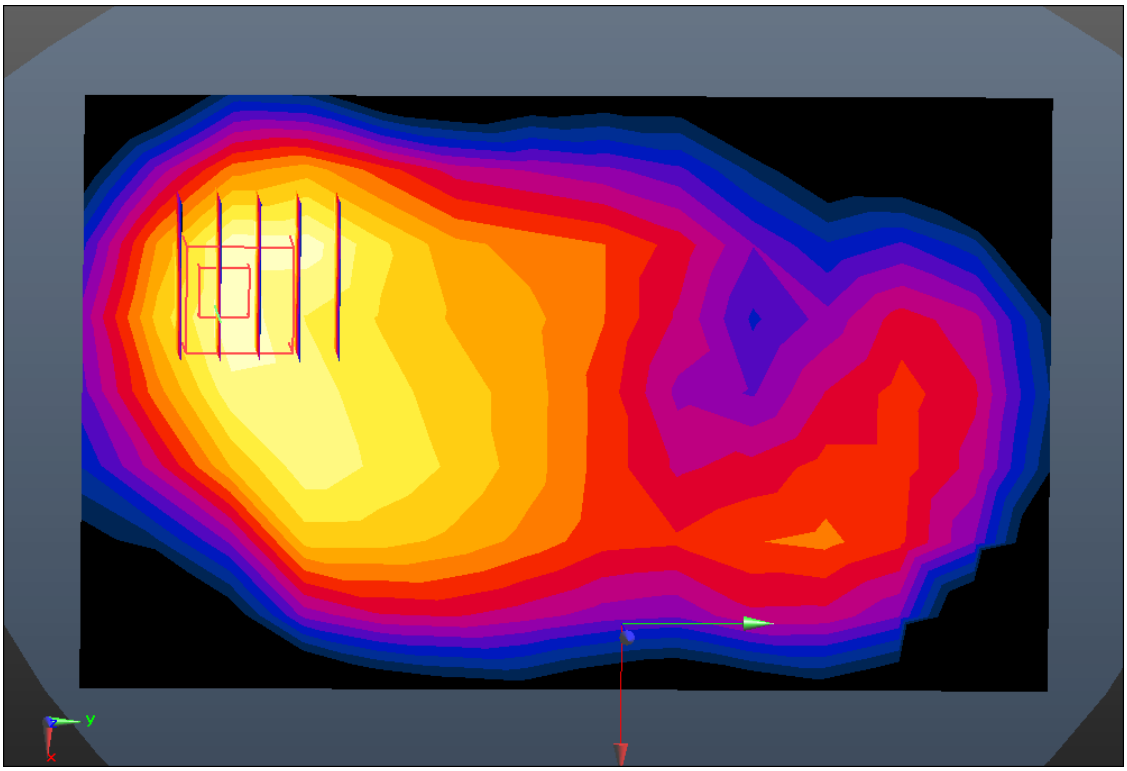
Test Date: 2018-04-09; Ambient Temp: 20.3; Tissue Temp: 20.2

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

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) = 0.451 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.128 W/kg



0 dB = 0.349 W/kg



Enlarged Plot for A29

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

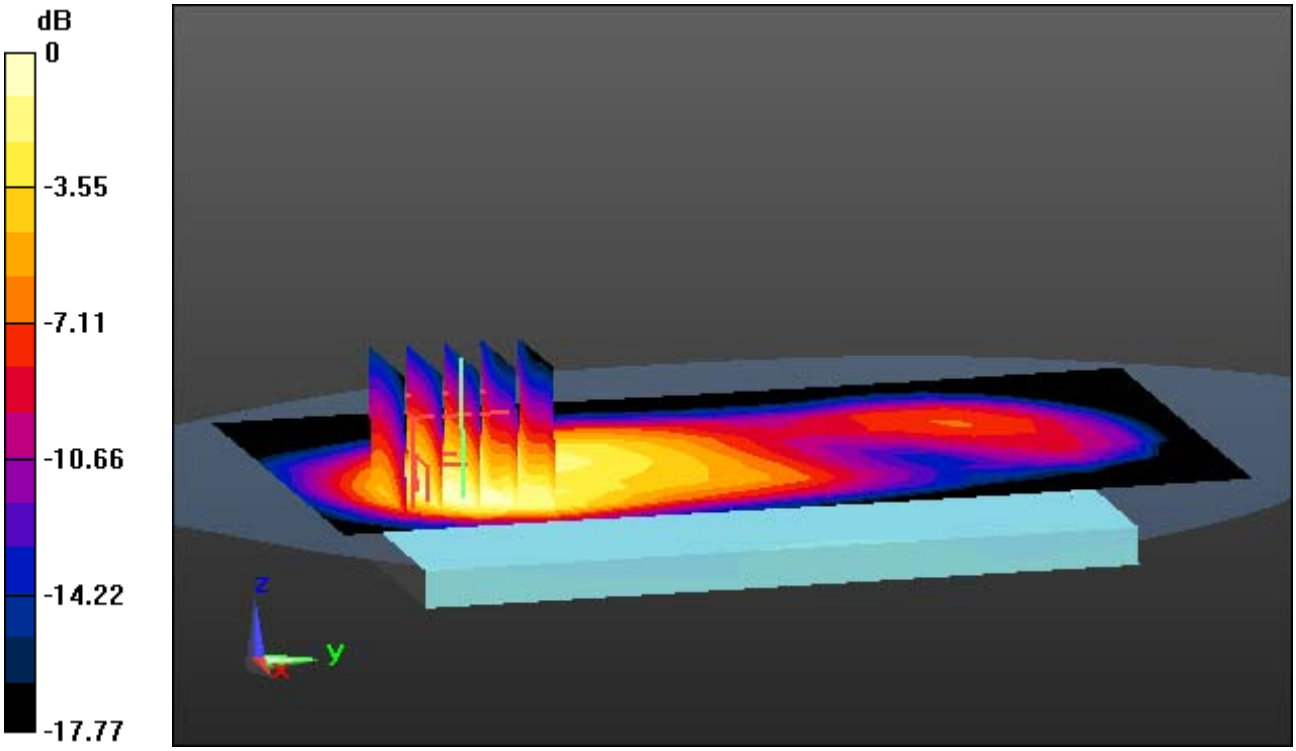
Communication System: UID 0, PCS1900_2 Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: f = 1880 MHz; σ = 1.497 S/m; ε_r = 54.176; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.5, 8.5, 8.5); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

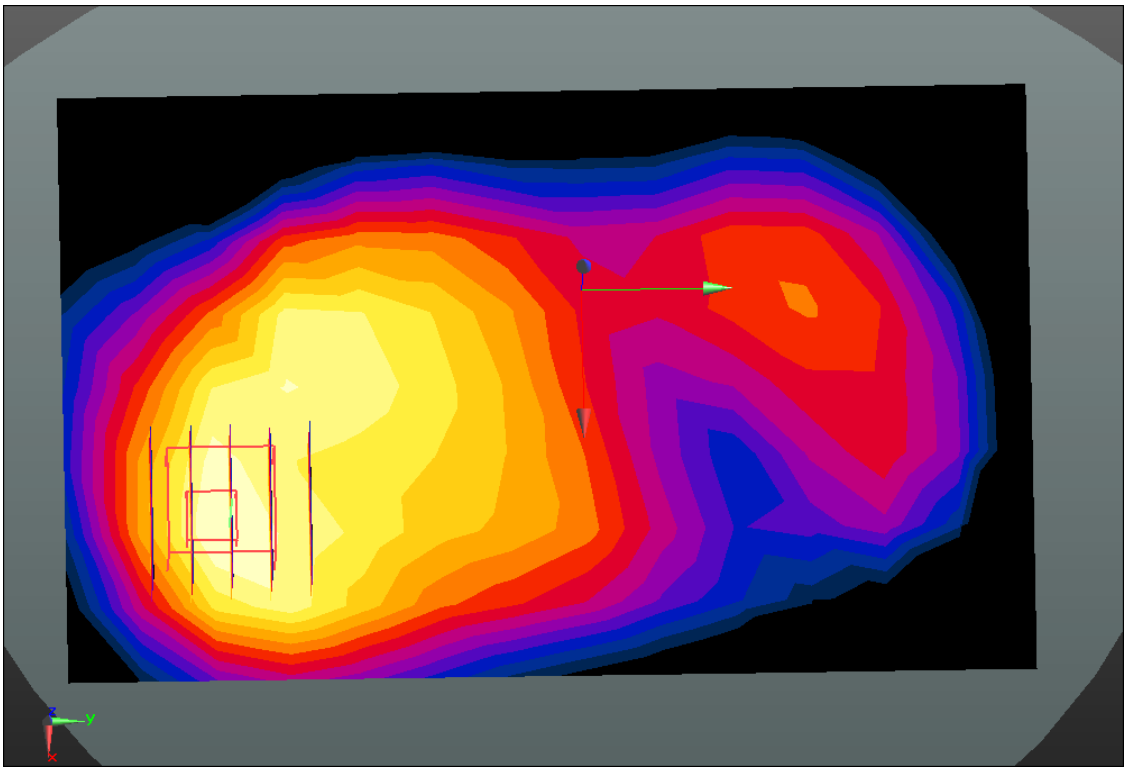
Test Date: 2018-04-09; Ambient Temp: 20.3; Tissue Temp: 20.2

1 cm space from Body, Rear, PCS1900 GPRS 2 Tx Ch. 661, Ant Internal

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) = 0.491 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.153 W/kg



0 dB = 0.370 W/kg



Enlarged Plot for A30

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

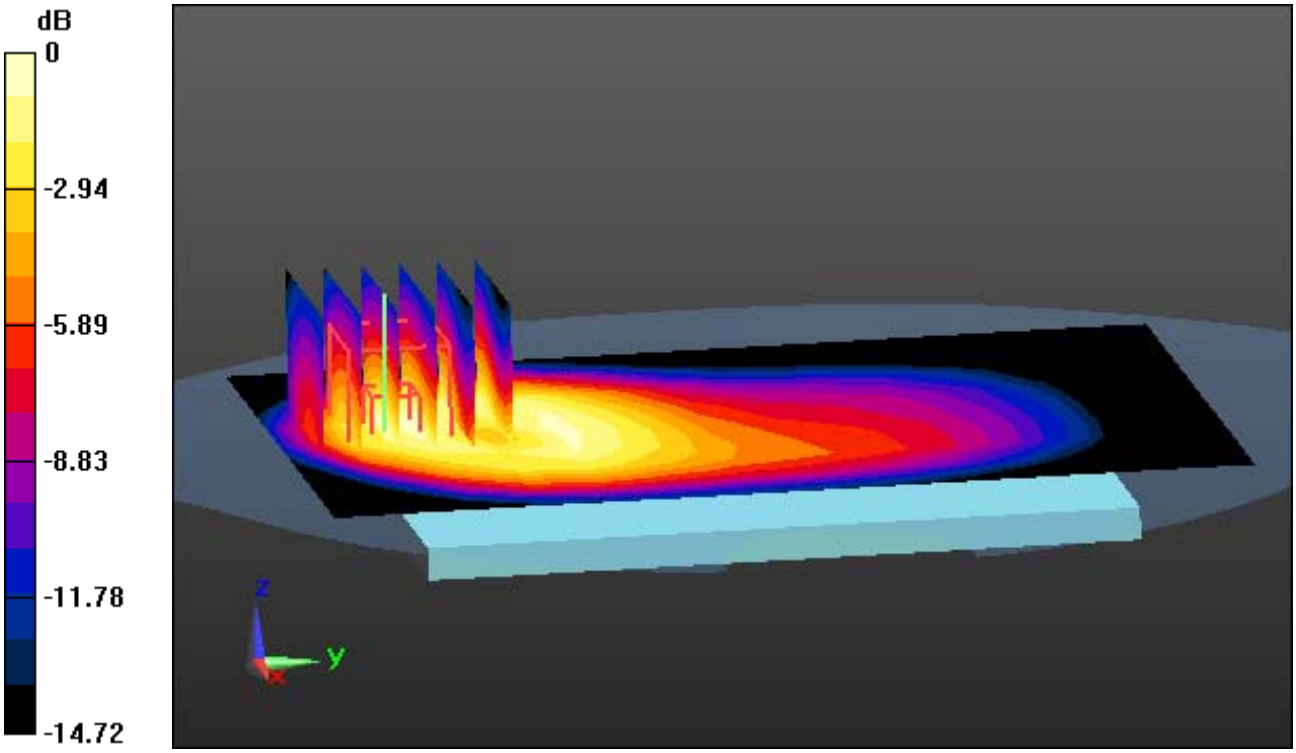
Communication System: UID 0, WCDMA 850 (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 846.6 MHz; σ = 0.991 S/m; ε_r = 54.954; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.6, 10.6, 10.6); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

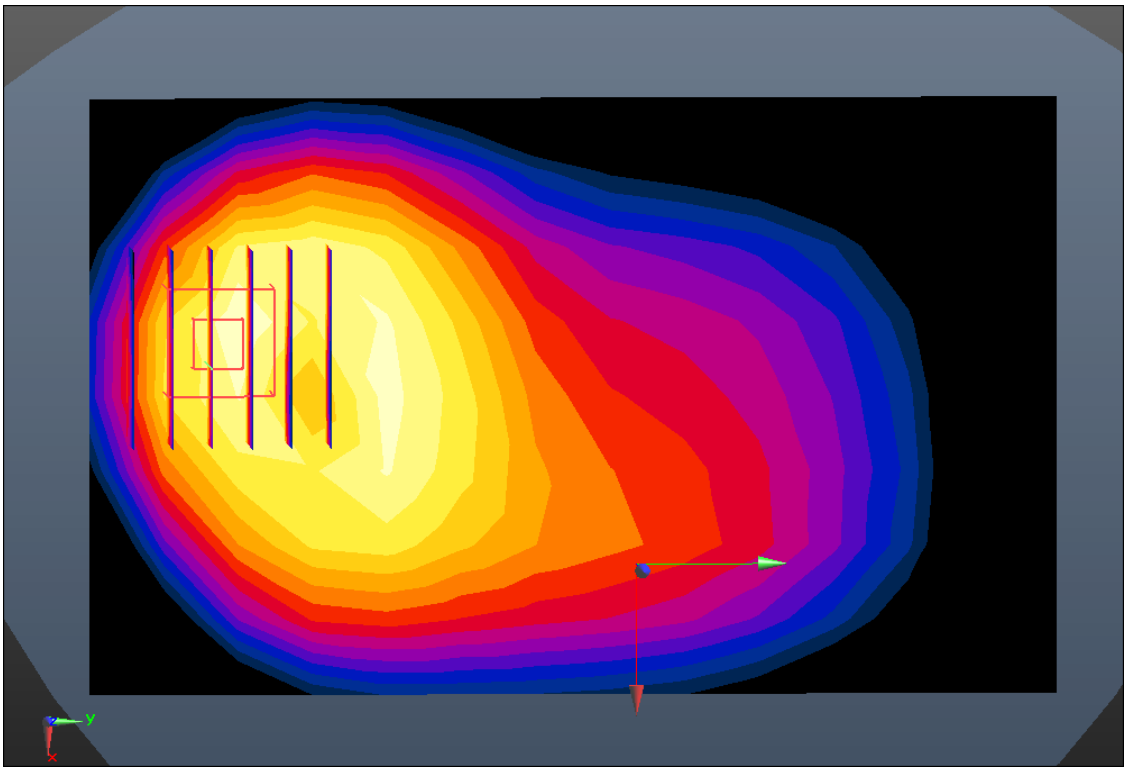
Test Date: 2018-04-03; Ambient Temp: 21.0; Tissue Temp: 20.9

1 cm space from Body, Rear, WCDMA Band 5 Ch. 4233, Ant Internal

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.449 W/kg



0 dB = 1.02 W/kg



Enlarged Plot for A31

DUT: LM-V350EM; Type: Bar

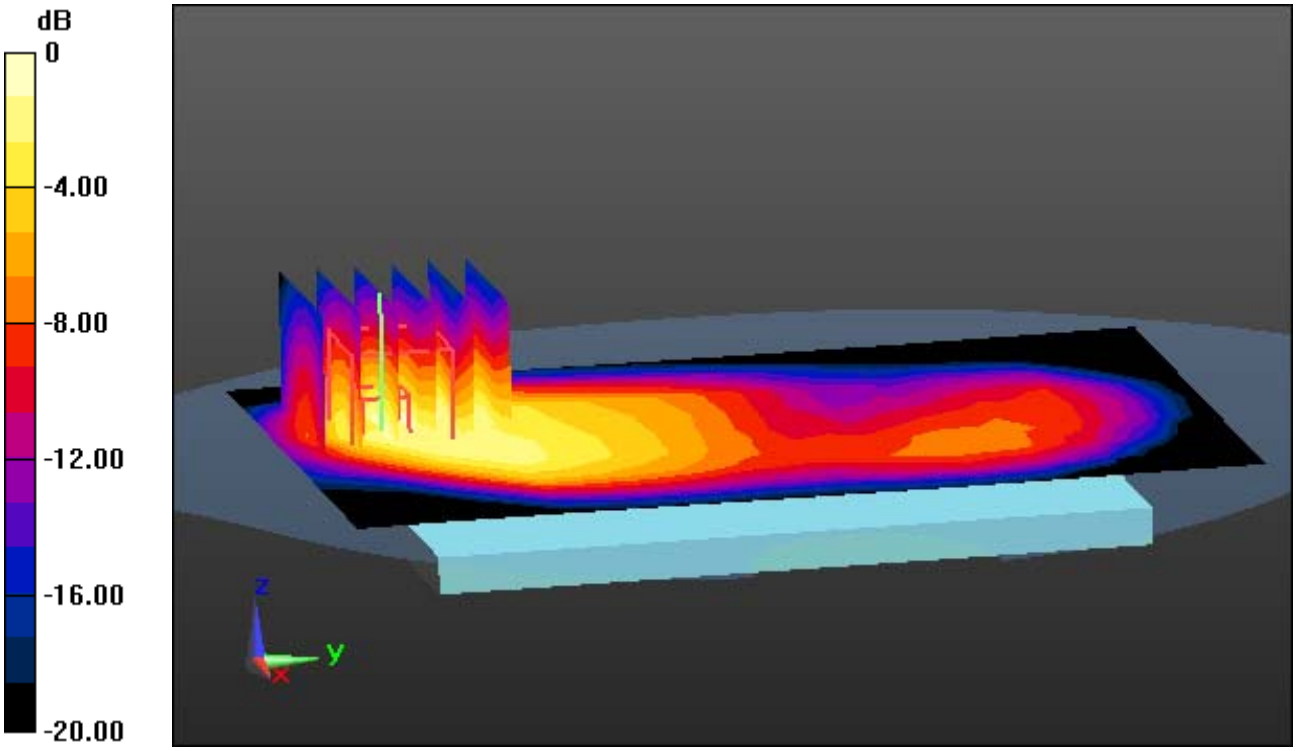
Communication System: UID 0, WCDMA Band 4 (FCC) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.432 S/m; ε_r = 52.137; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.87, 8.87, 8.87); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

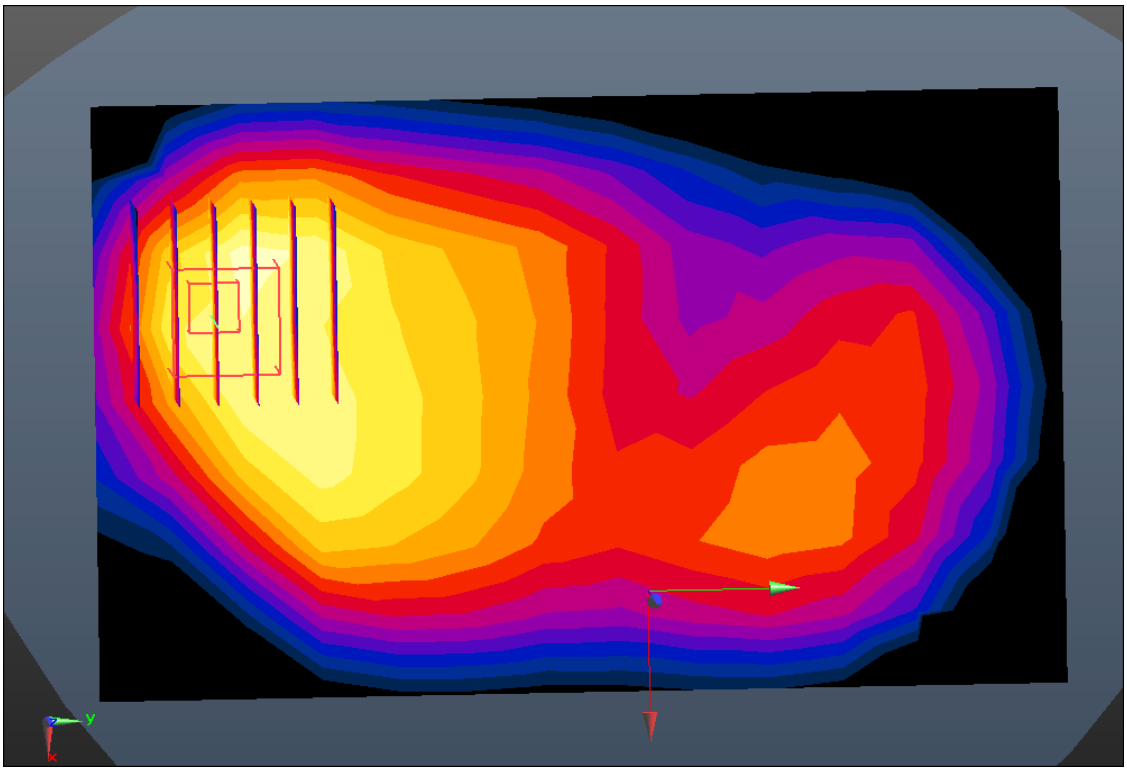
Test Date: 2018-04-05; Ambient Temp: 21.6; Tissue Temp: 21.4

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.429 W/kg



0 dB = 1.15 W/kg



Enlarged Plot for A32

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

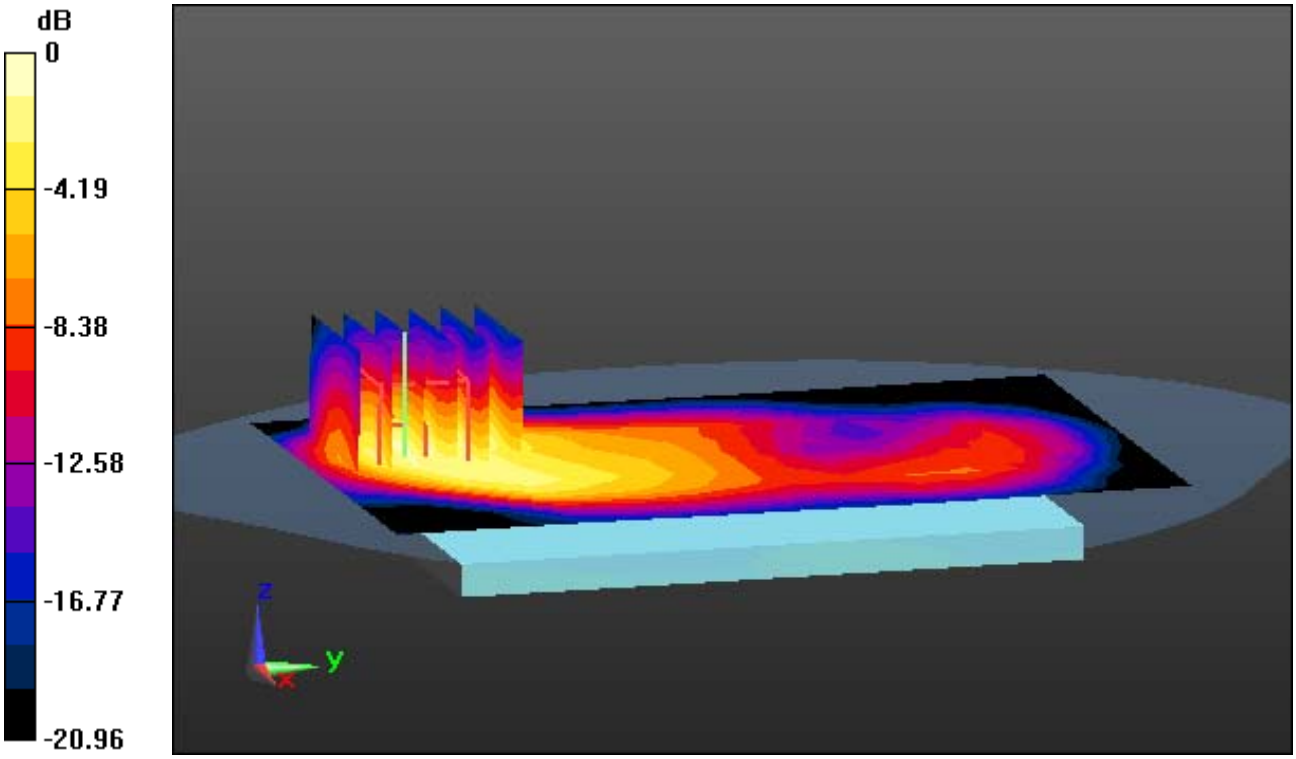
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.497 S/m; ε_r = 54.176; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.5, 8.5, 8.5); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

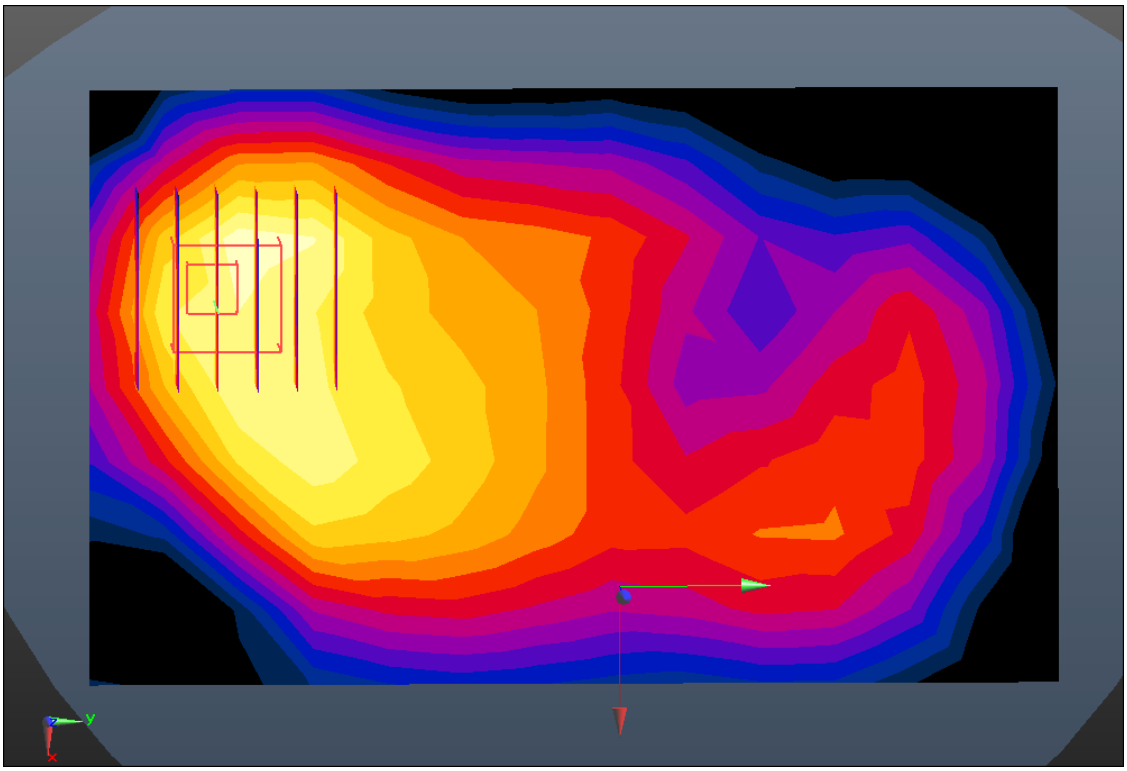
Test Date: 2018-04-09; Ambient Temp: 20.3; Tissue Temp: 20.2

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.298 W/kg



0 dB = 0.813 W/kg



Enlarged Plot for A33

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

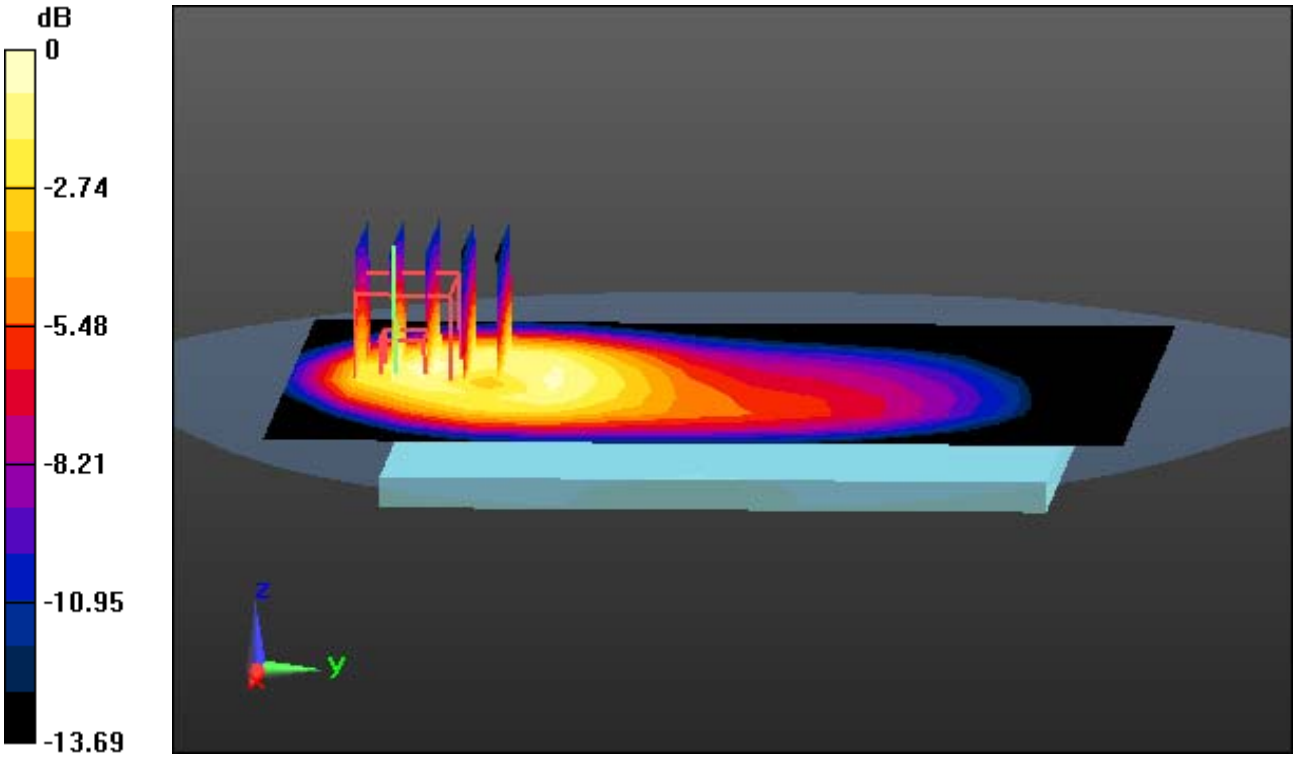
Communication System: UID 0, LTE Band 12 (FCC) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.942 S/m; ε_r = 54.203; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.86, 10.86, 10.86); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

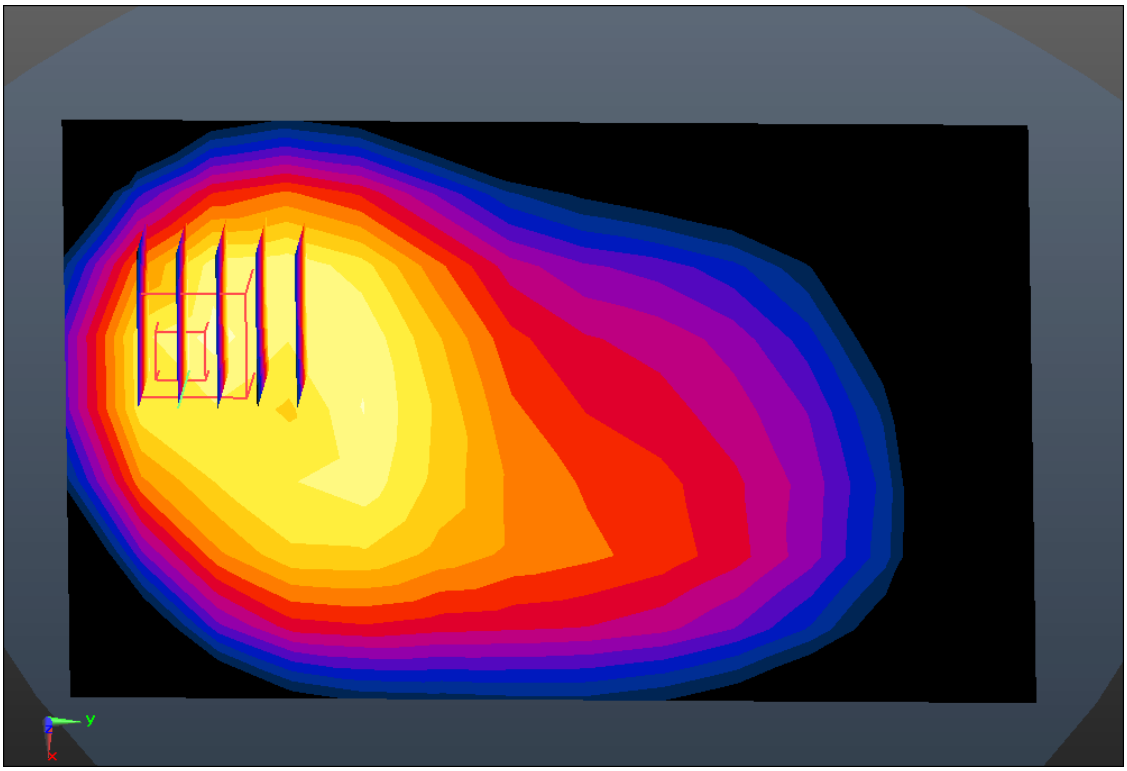
Test Date: 2018-04-16; Ambient Temp: 20.2; Tissue Temp: 20.5

1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal
Mode : BandWidth 10 MHz, QPSK, RB Size: 1

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.346 W/kg



0 dB = 0.667 W/kg



Enlarged Plot for A34

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 5 (FCC) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.98 S/m; ε_r = 55.053; ρ = 1000 kg/m^3
Phantom section: Flat Section

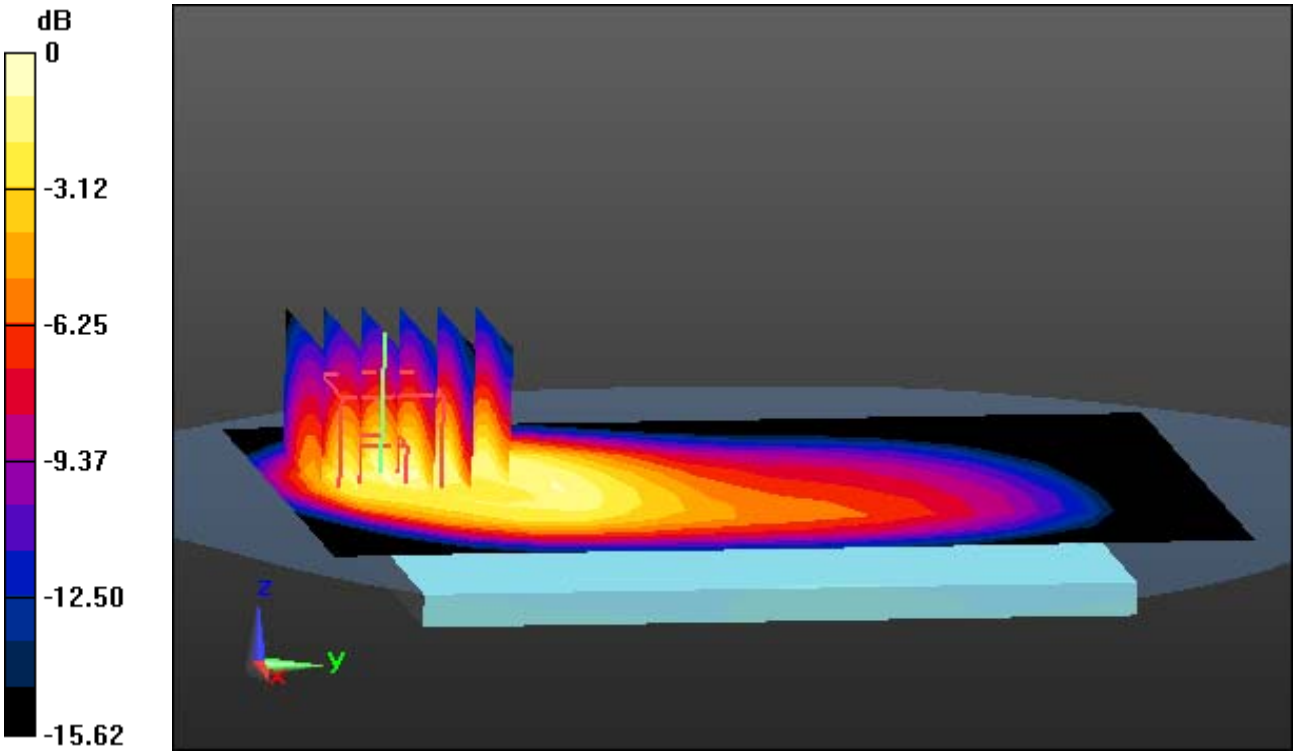
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.6, 10.6, 10.6); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2013_09_24; Type: QD000P40CD; Serial: TP:1783
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

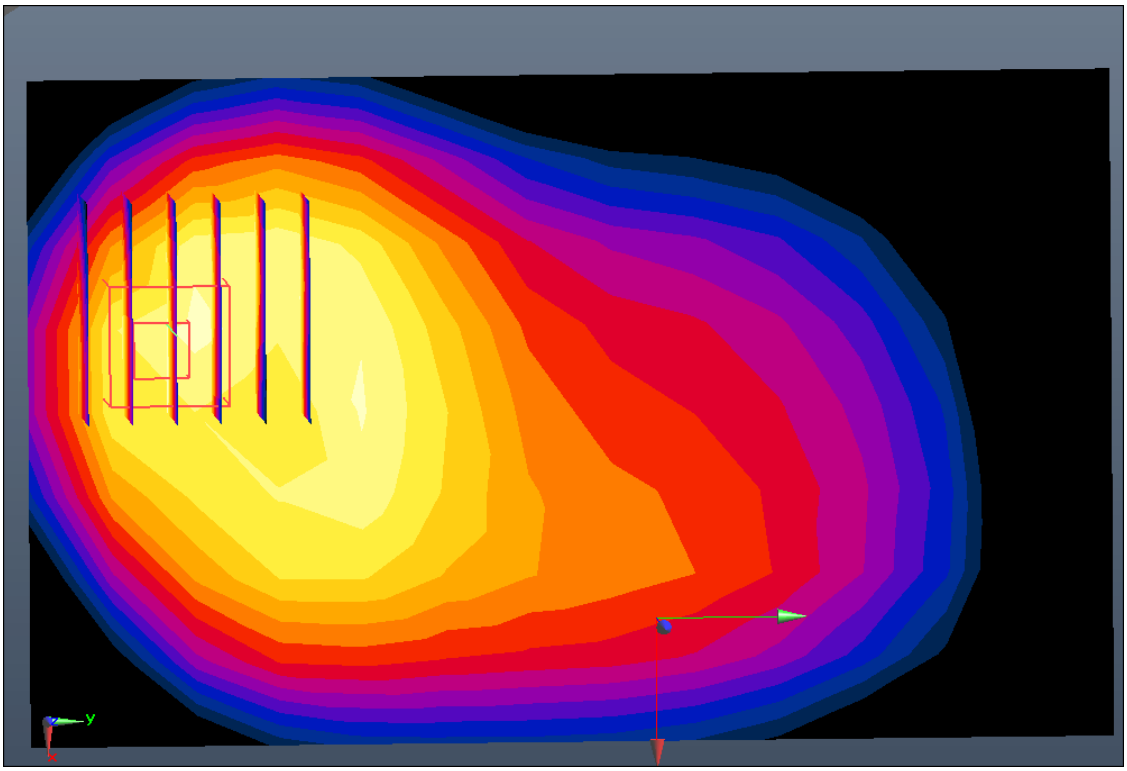
1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.404 W/kg



0 dB = 0.953 W/kg



Enlarged Plot for A35

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.432 S/m; ε_r = 52.136; ρ = 1000 kg/m^3
Phantom section: Flat Section

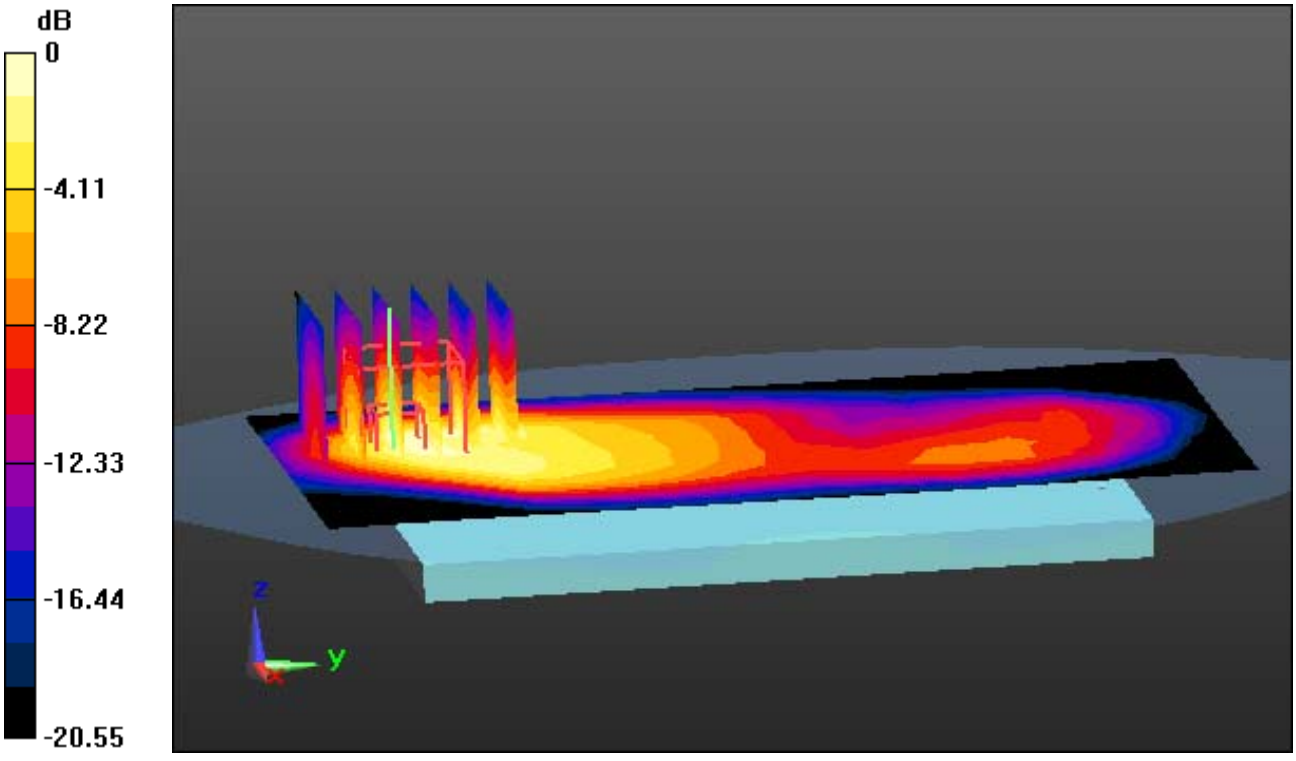
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.87, 8.87, 8.87); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

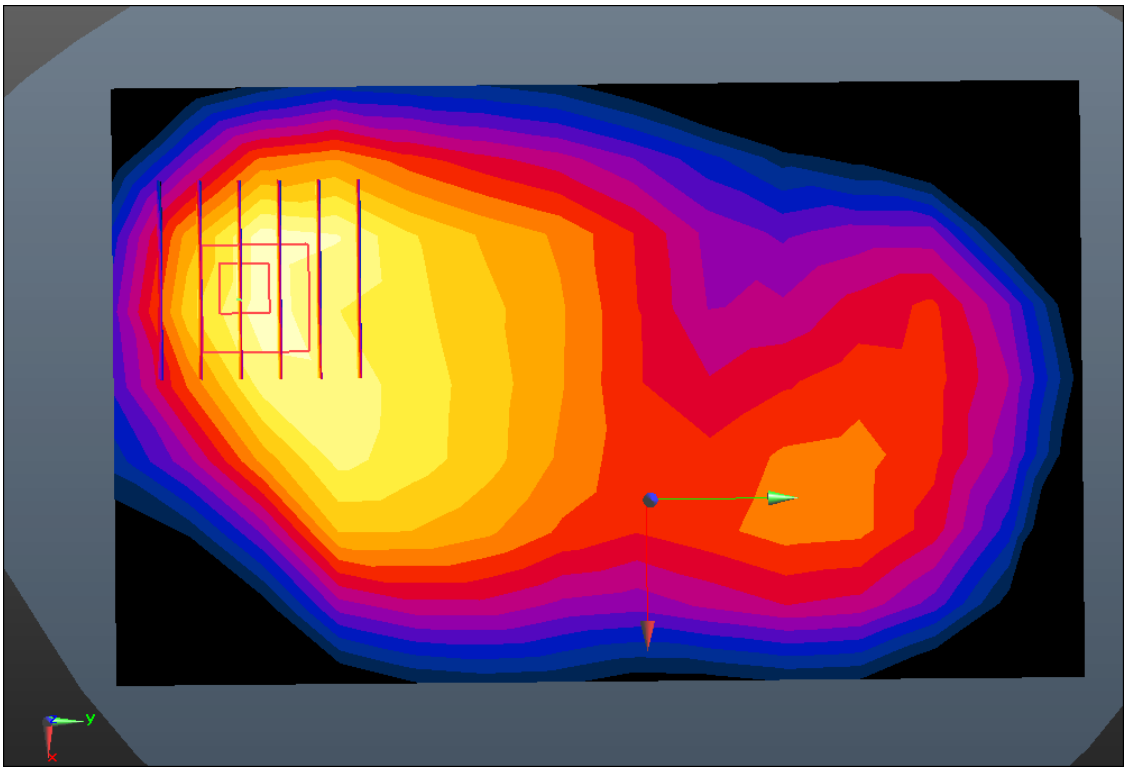
1 cm space from Body, Front, LTE Band 4 Ch. 20175, Ant Internal

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.455 W/kg



0 dB = 1.22 W/kg



Enlarged Plot for A36

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.516 S/m; ε_r = 54.115; ρ = 1000 kg/m^3
Phantom section: Flat Section

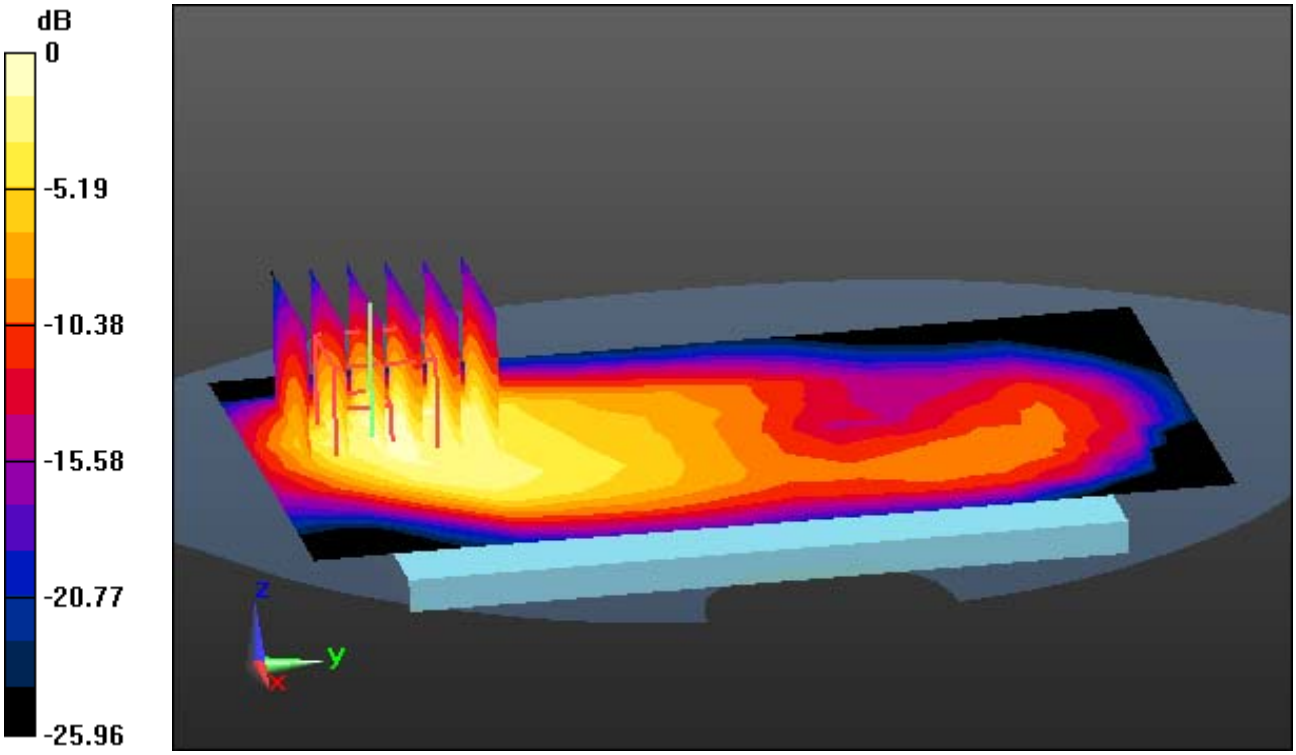
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(8.5, 8.5, 8.5); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

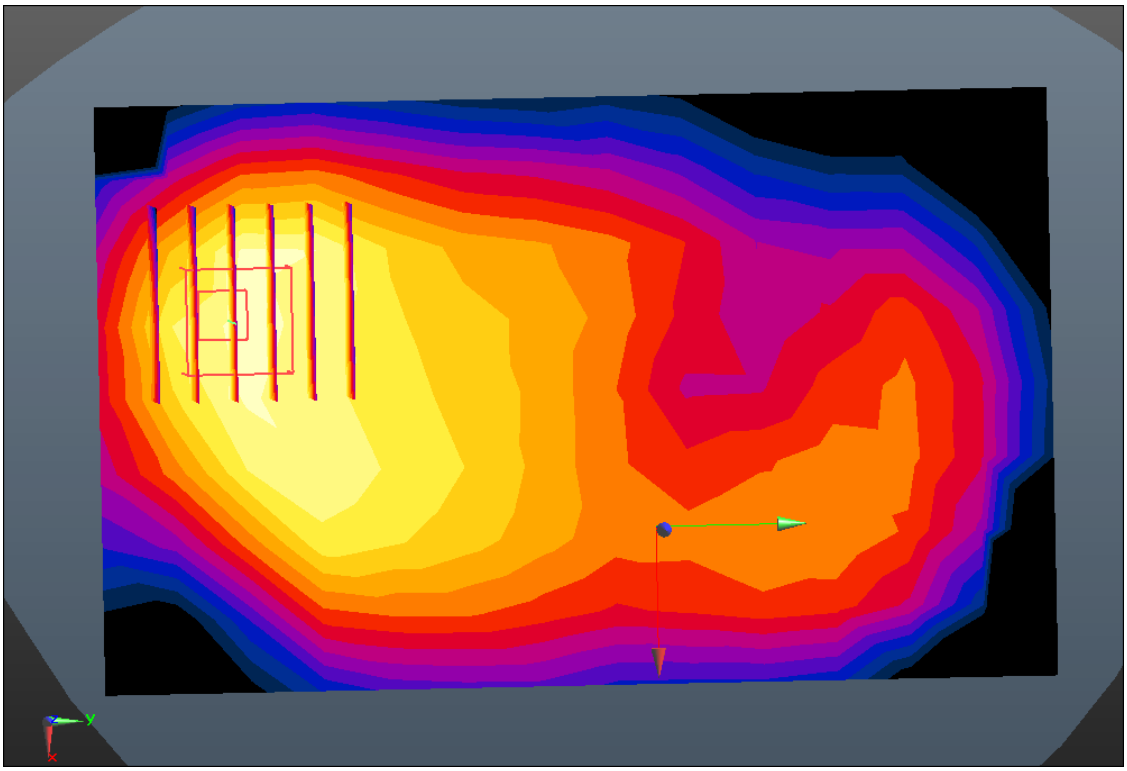
1 cm space from Body, Front, LTE Band 2 Ch. 19100, Ant Internal

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.258 W/kg



0 dB = 0.732 W/kg



Enlarged Plot for A37

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 7 (FCC) (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.004 S/m; ε_r = 52.335; ρ = 1000 kg/m^3
Phantom section: Flat Section

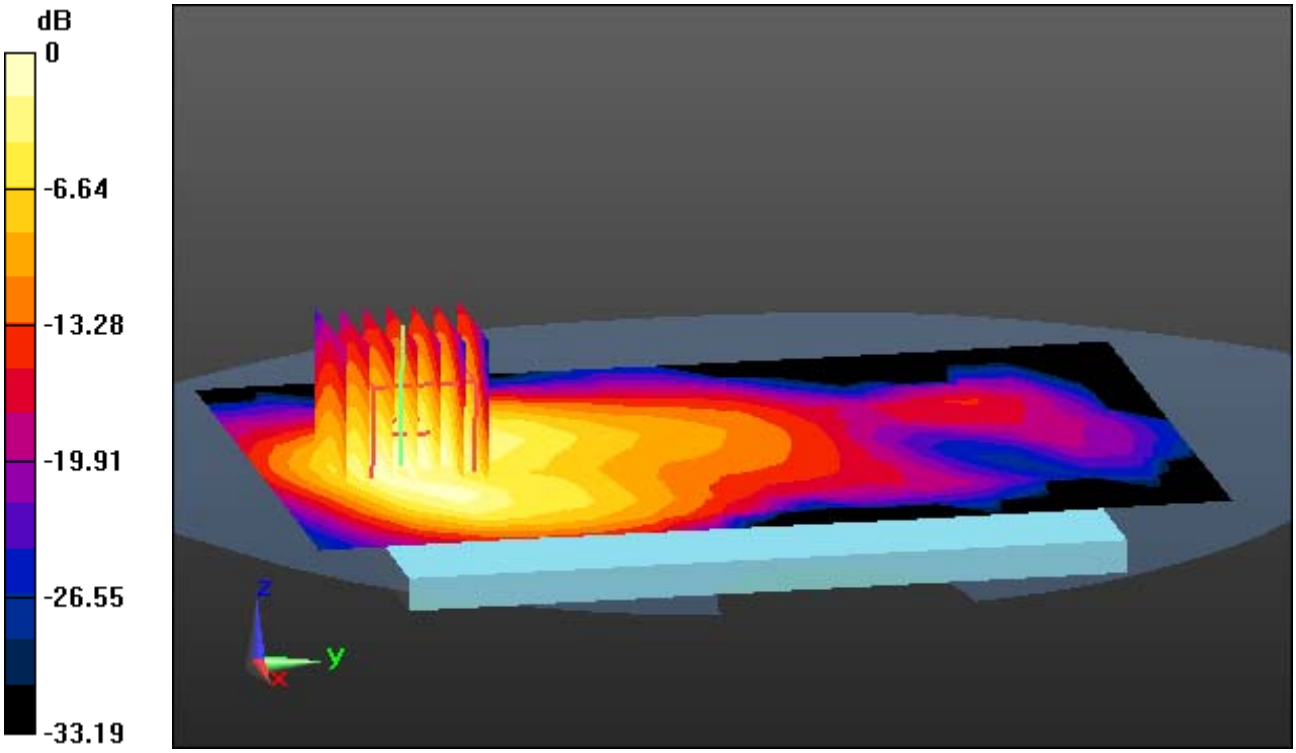
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

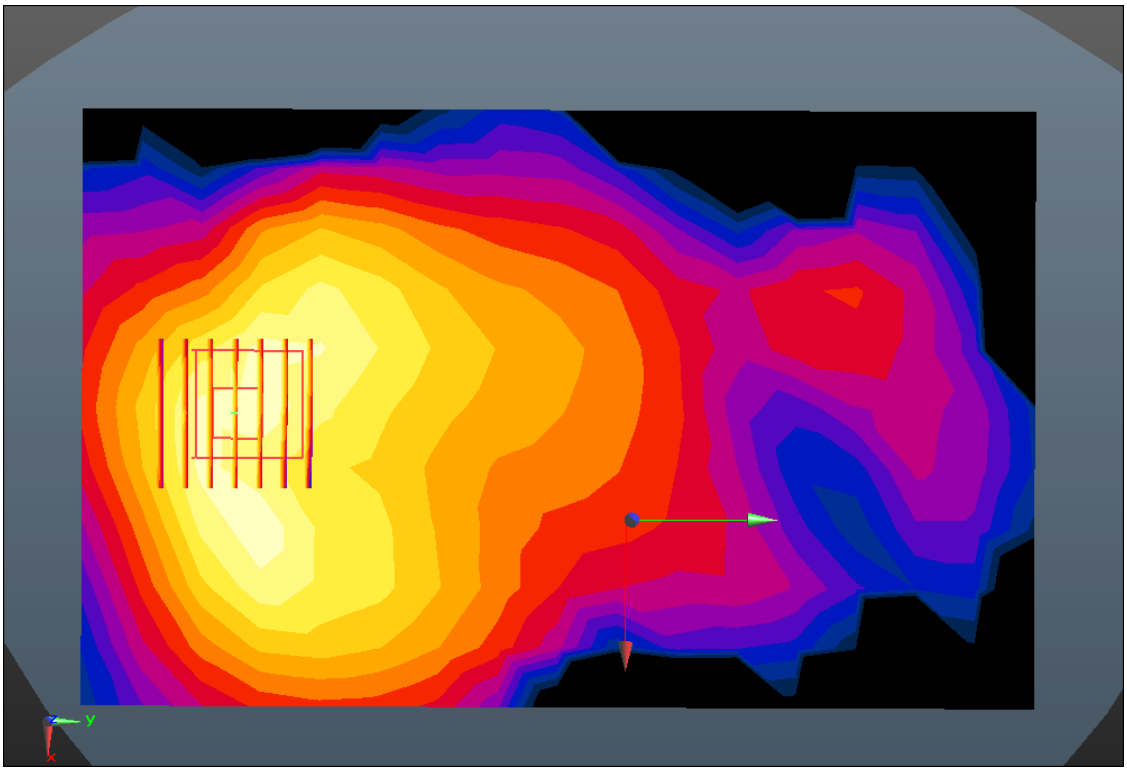
1 cm space from Body, Rear, LTE Band 7 Ch. 20850, Ant Internal

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 = -0.16 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.347 W/kg



0 dB = 0.984 W/kg



Enlarged Plot for A38

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 41(TDD) (0); Frequency: 2506 MHz;Duty Cycle: 1:1.58
Medium parameters used: f = 2506 MHz; σ = 1.999 S/m; ε_r = 52.343; ρ = 1000 kg/m^3
Phantom section: Flat Section

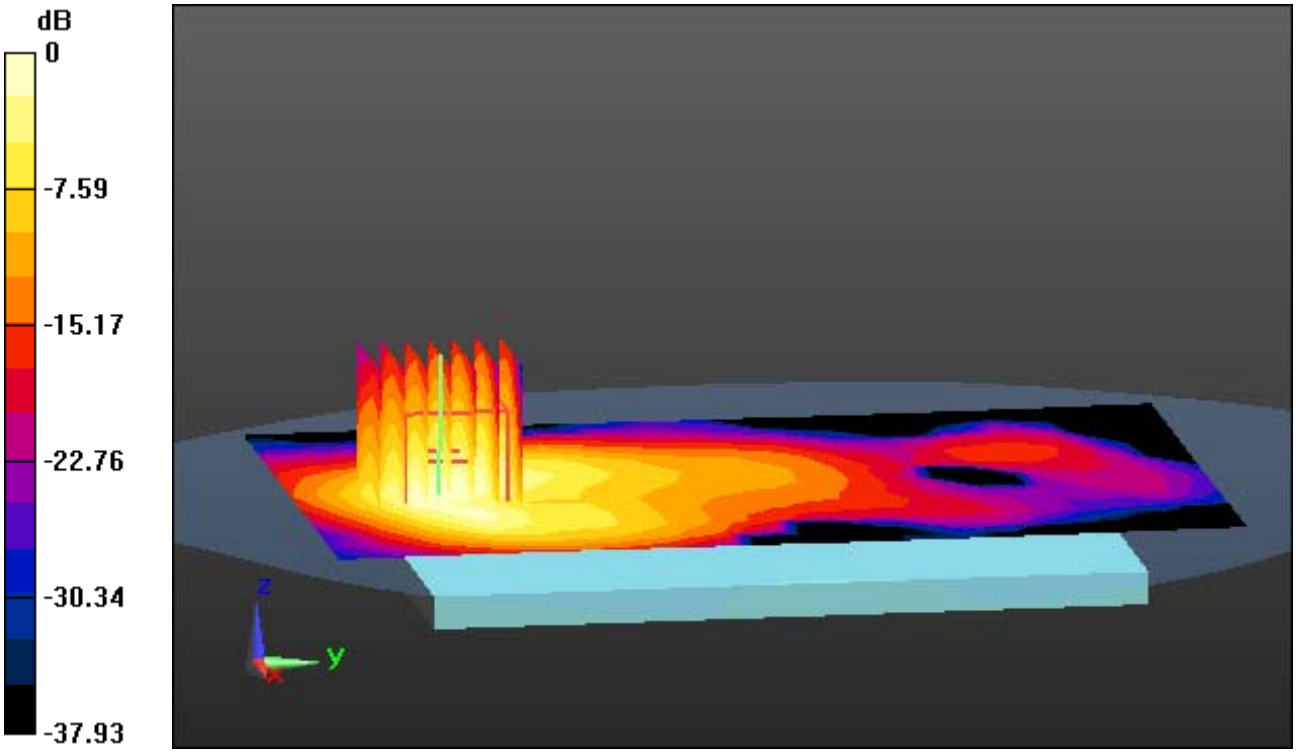
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(7.79, 7.79, 7.79); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

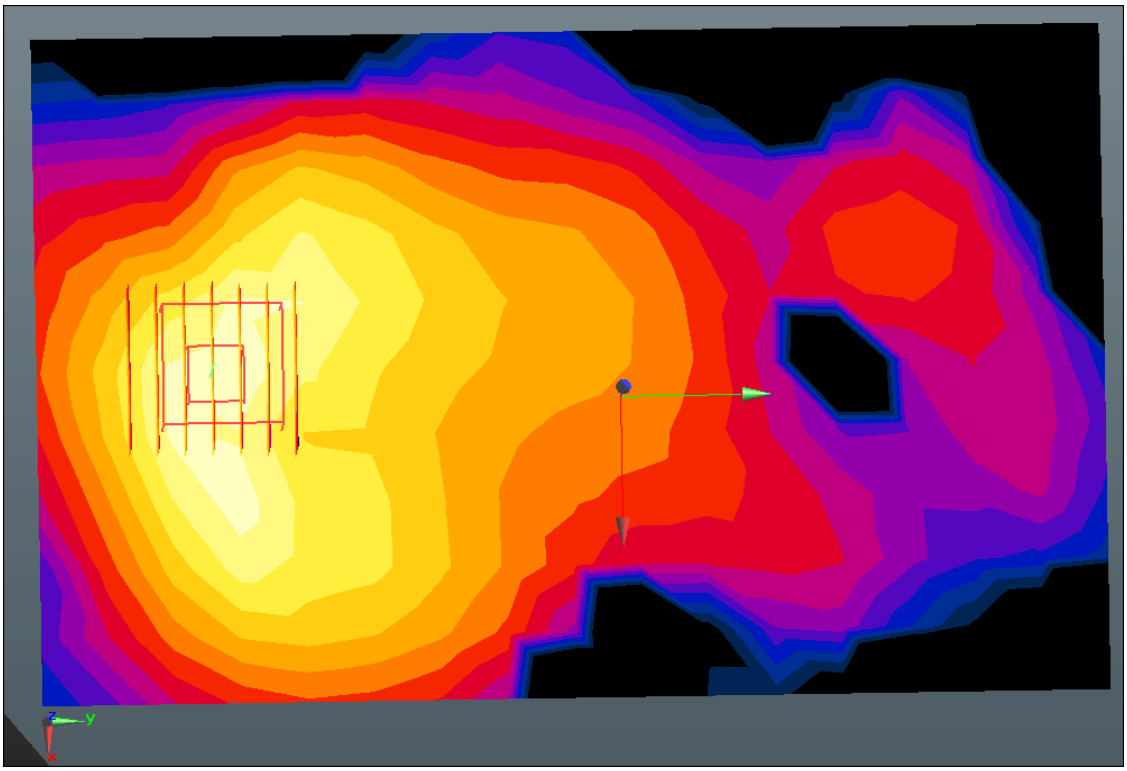
1 cm space from Body, Rear, LTE Band 41 Ch. 39750, Ant Internal

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 = -0.07 dB
Peak SAR (extrapolated) = 0.86 W/kg
SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.228 W/kg



0 dB = 0.671 W/kg



Enlarged Plot for A39

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

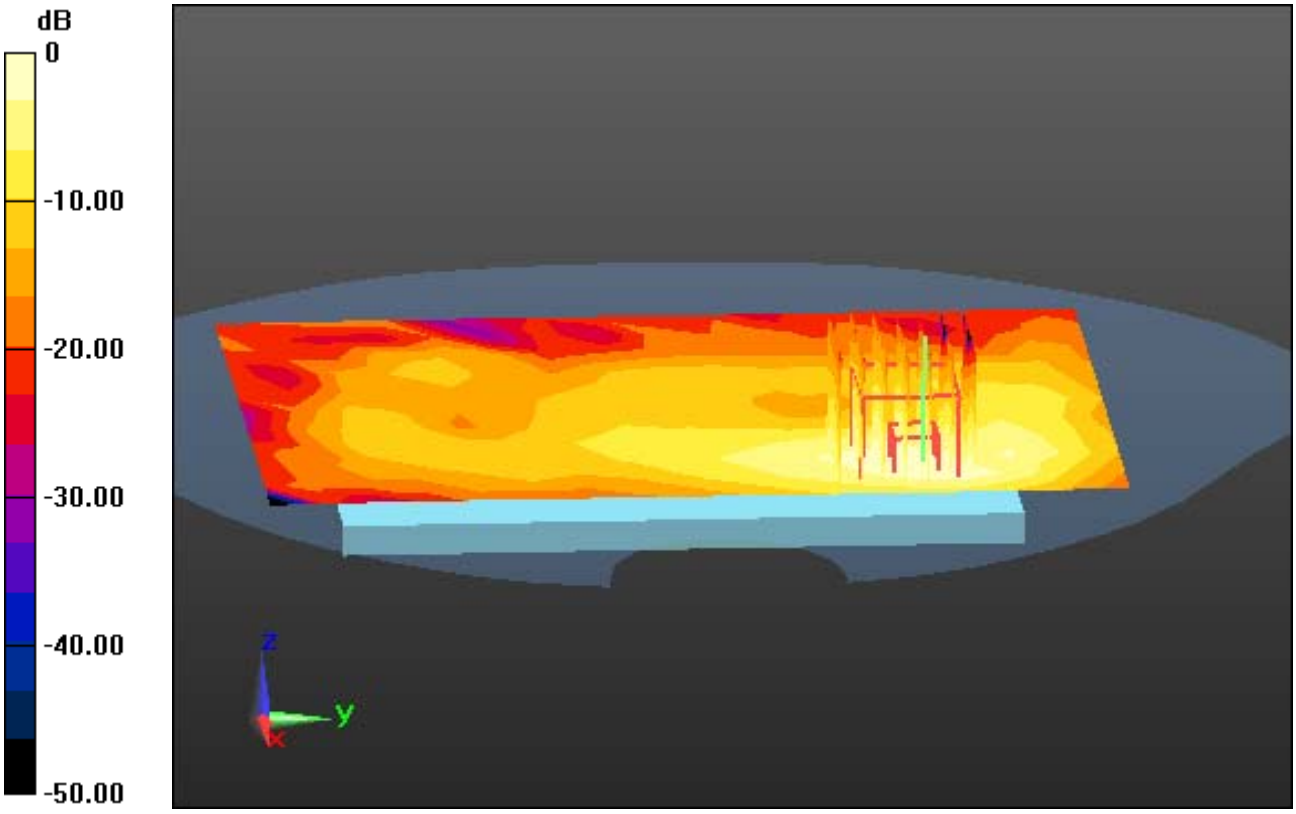
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.929 S/m; ε_r = 50.651; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

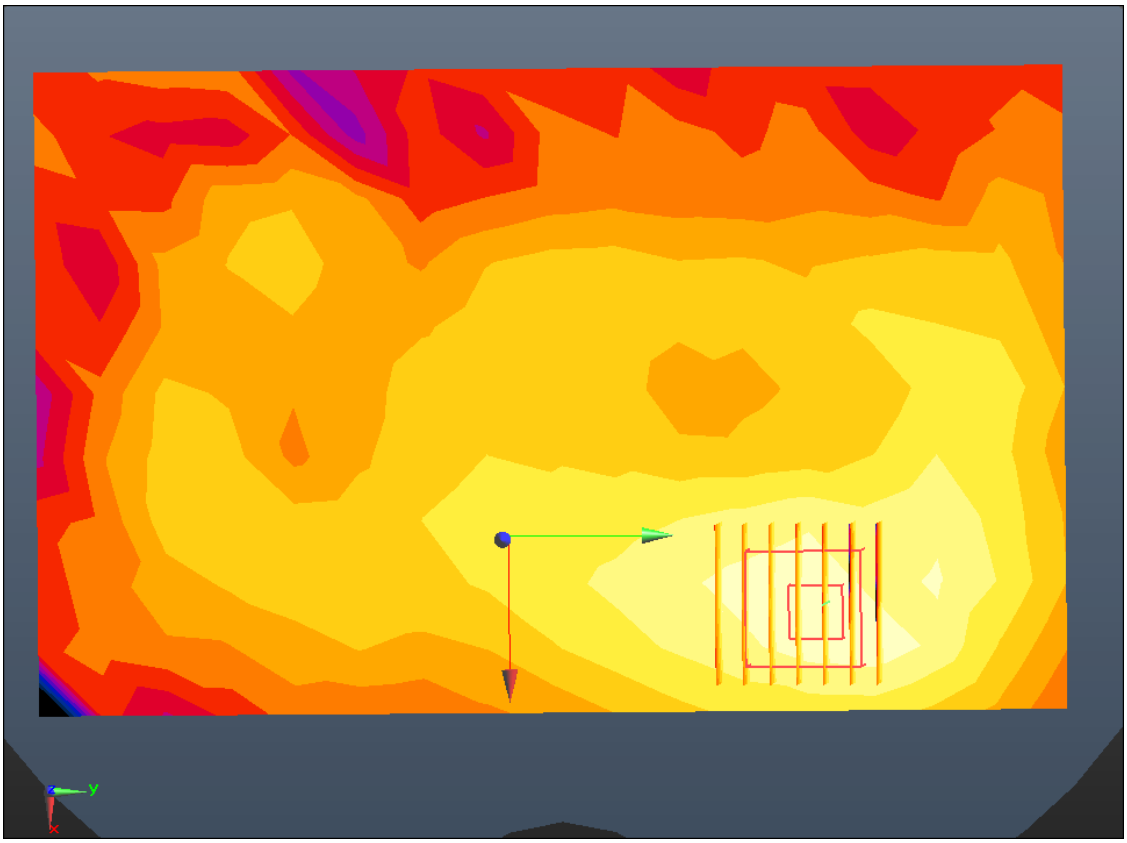
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

1 cm space from Body, Rear, WLAN(802.11b) Ch. 11, Ant Internal, Ant.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 = -0.08 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.177 W/kg



Enlarged Plot for A40

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

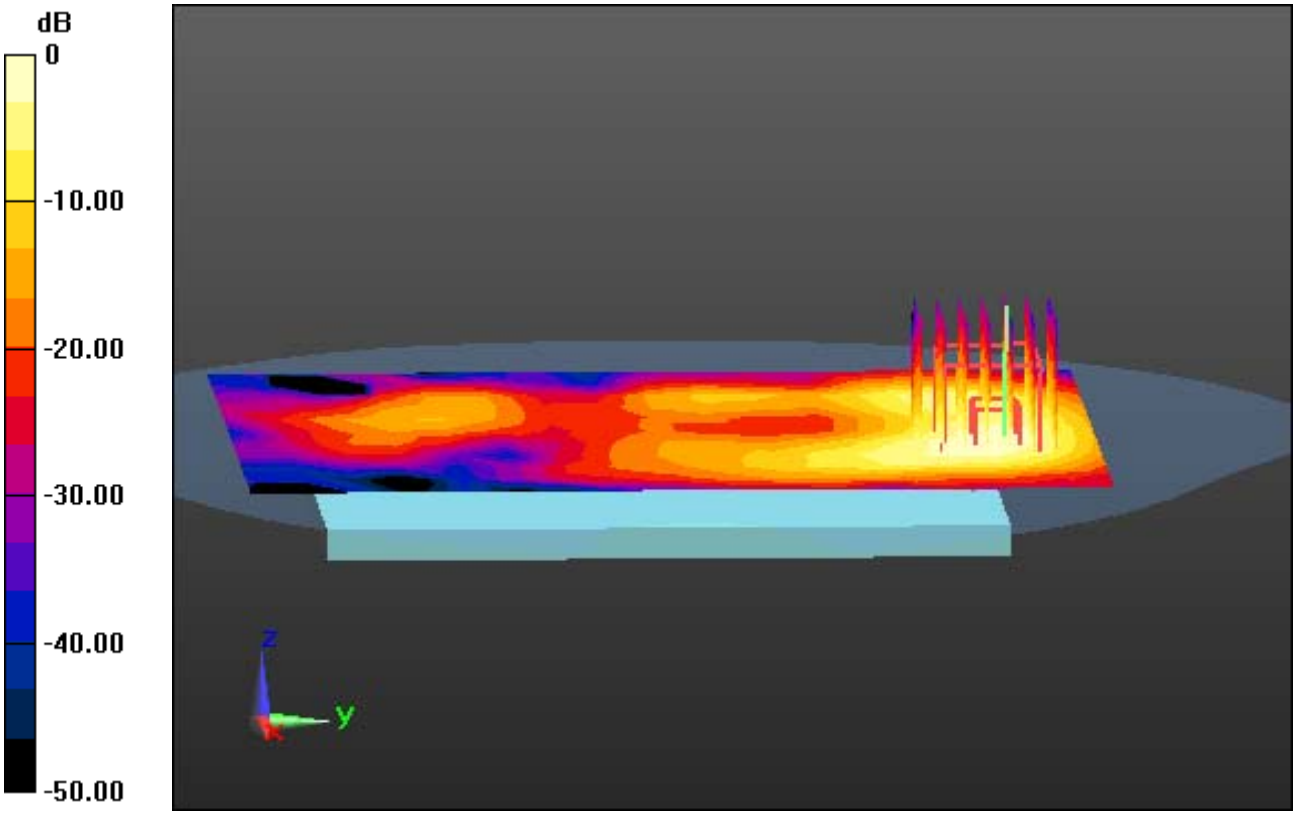
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.903 S/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

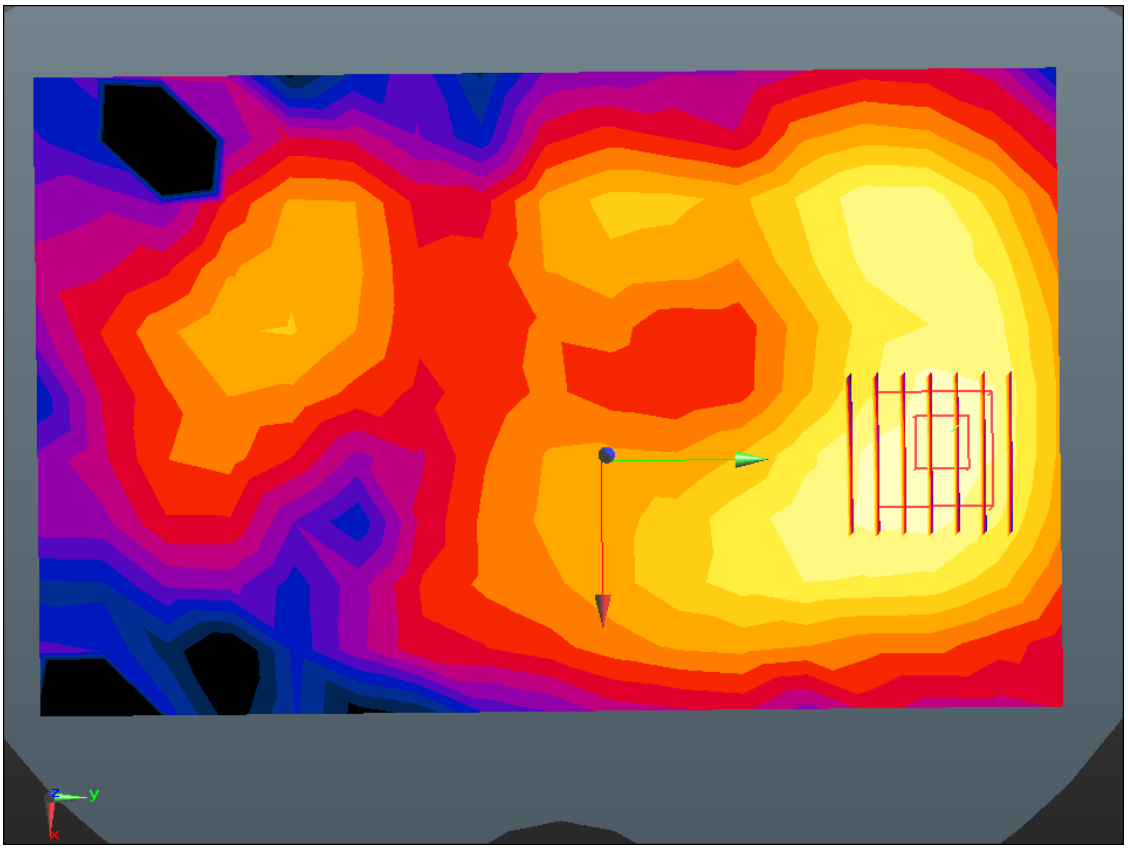
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (11x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.136 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.030 W/kg



0 dB = 0.0967 W/kg



Enlarged Plot for A41

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

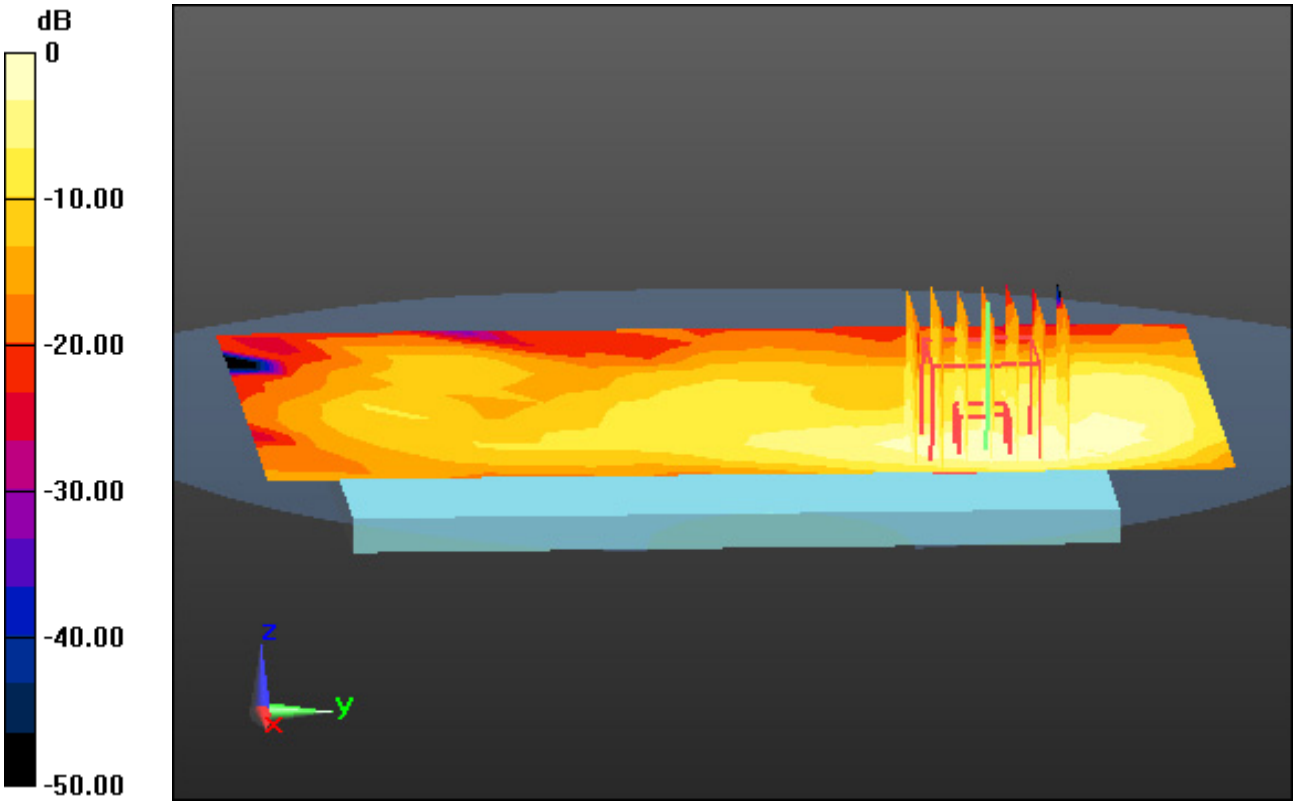
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.868 S/m; ε_r = 50.733; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

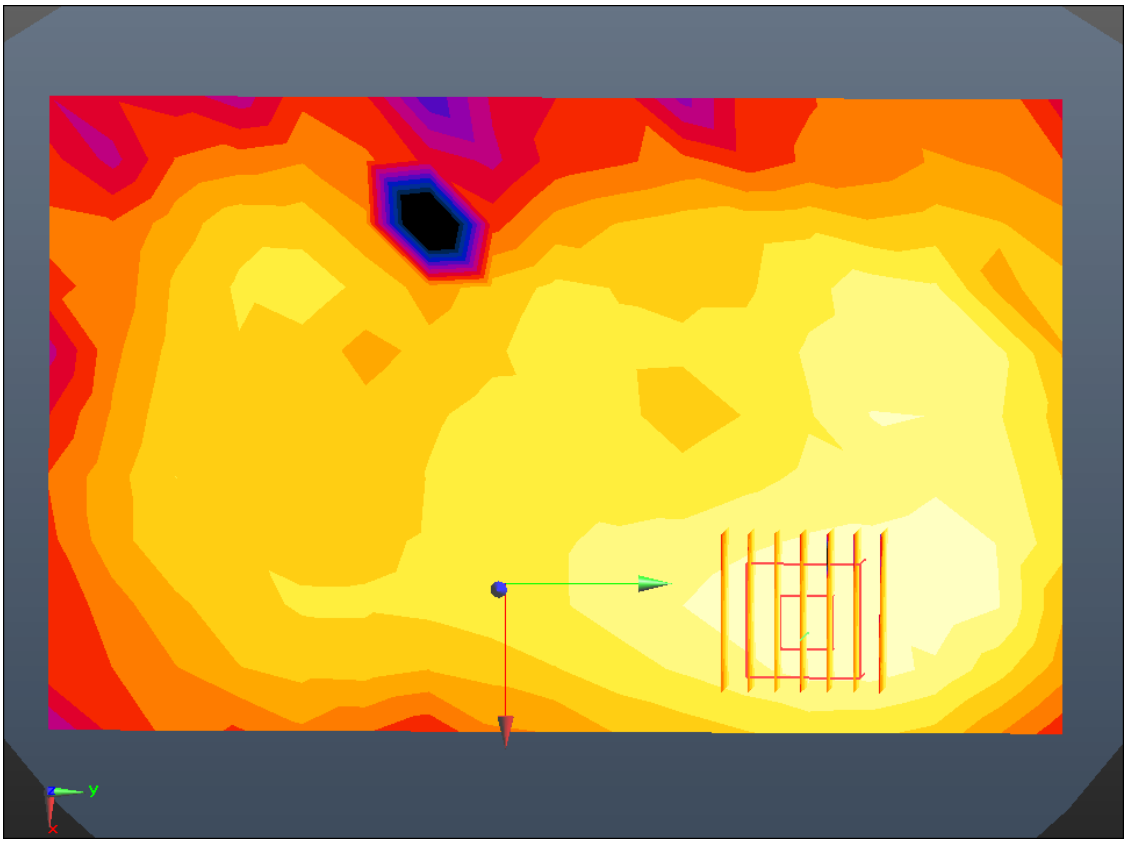
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.163 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.124 W/kg



Enlarged Plot for A42

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

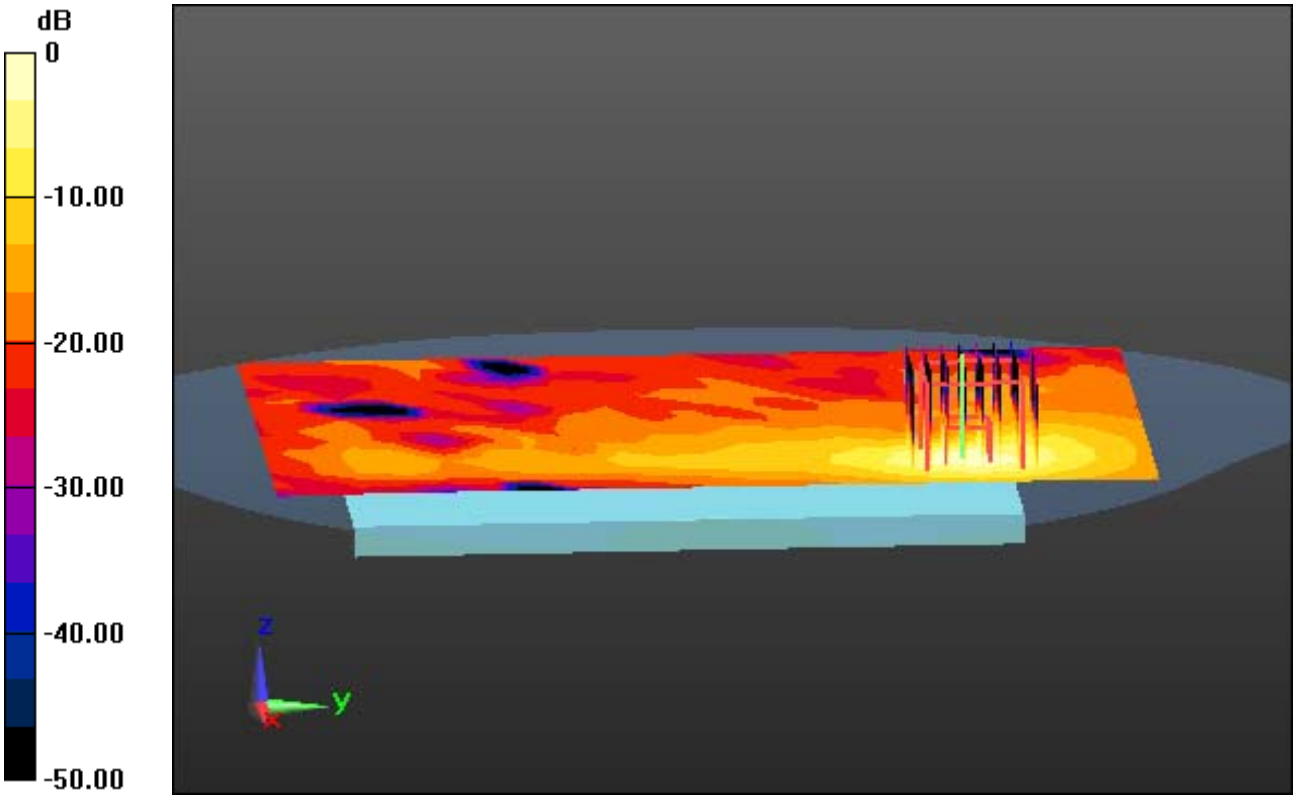
Communication System: UID 0, W-LAN 5G (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.36 S/m; ε_r = 47.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

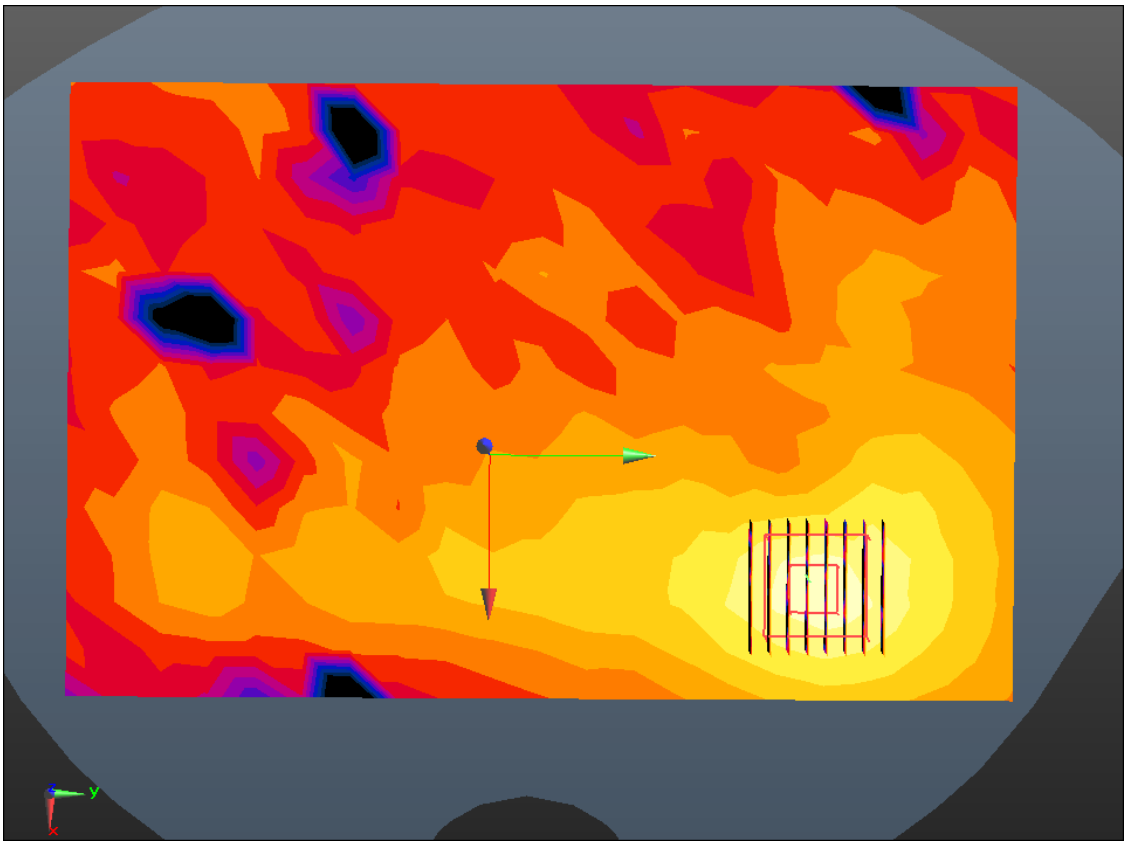
Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.115 W/kg



0 dB = 0.896 W/kg



Enlarged Plot for A43

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

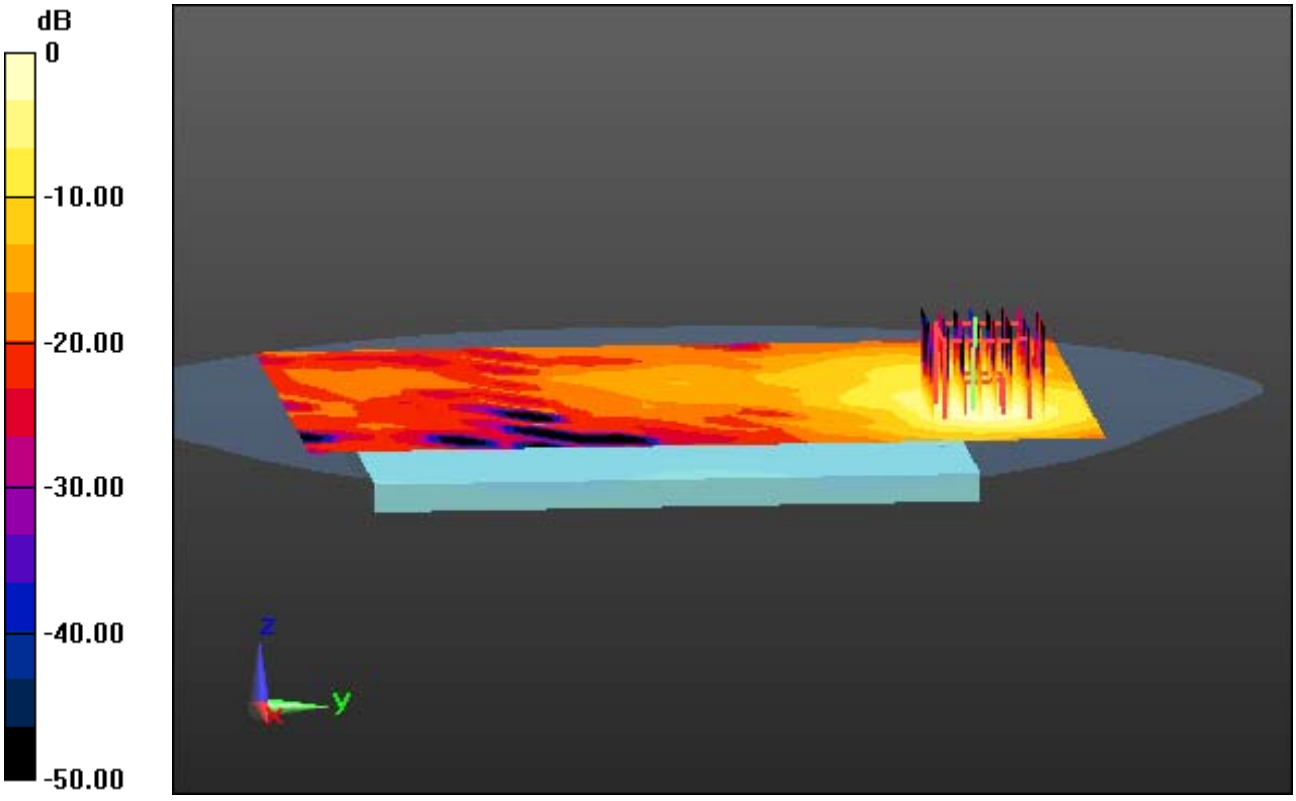
Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.315 S/m; ε_r = 47.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

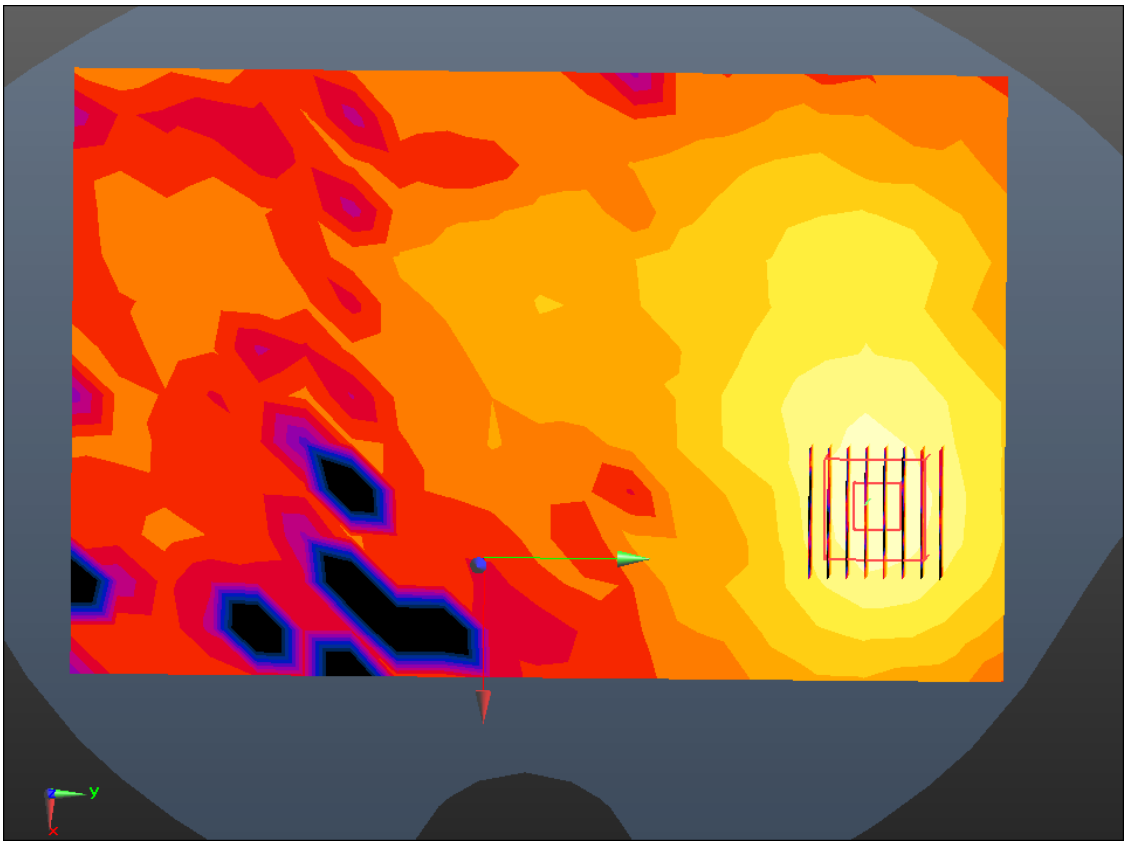
Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

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

Area Scan (14x21x1): 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) = 0.994 W/kg
SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.093 W/kg



0 dB = 0.578 W/kg



Enlarged Plot for A44

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

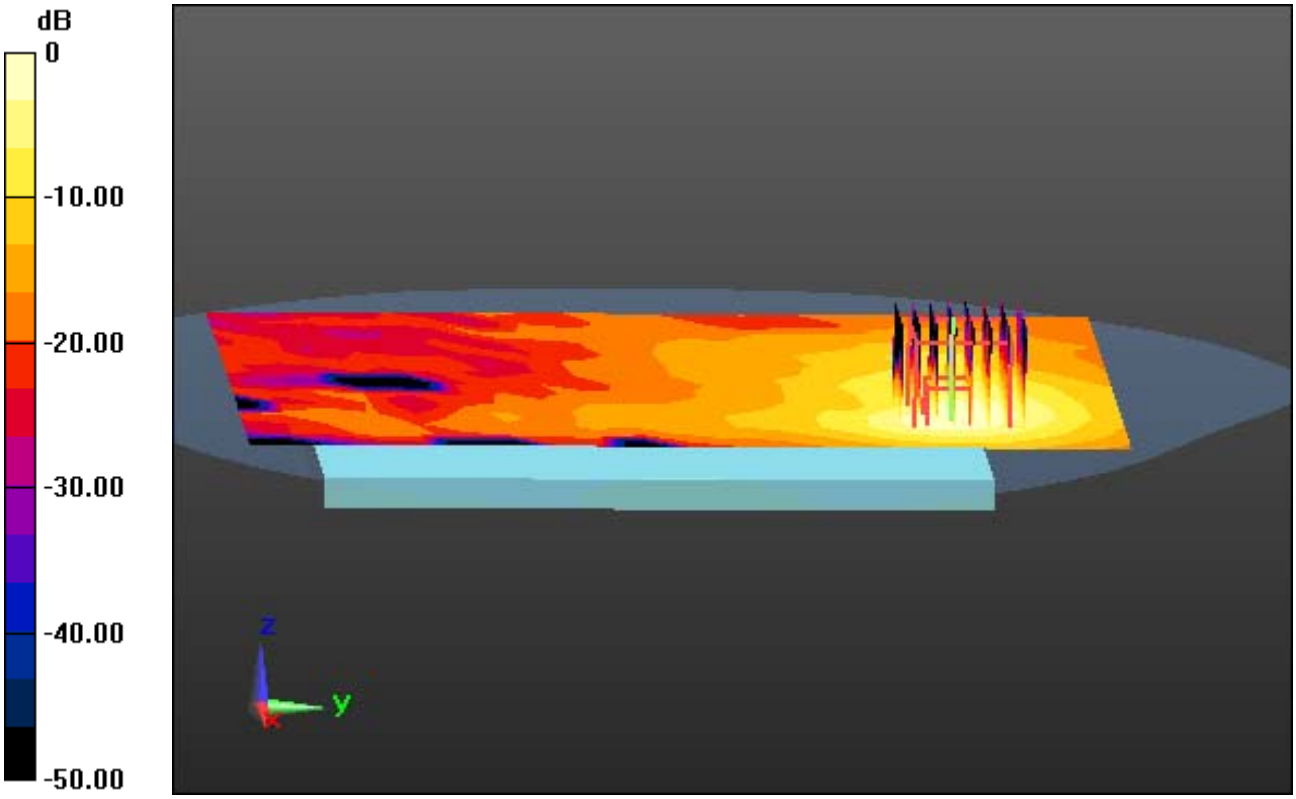
Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.315 S/m; ε_r = 47.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

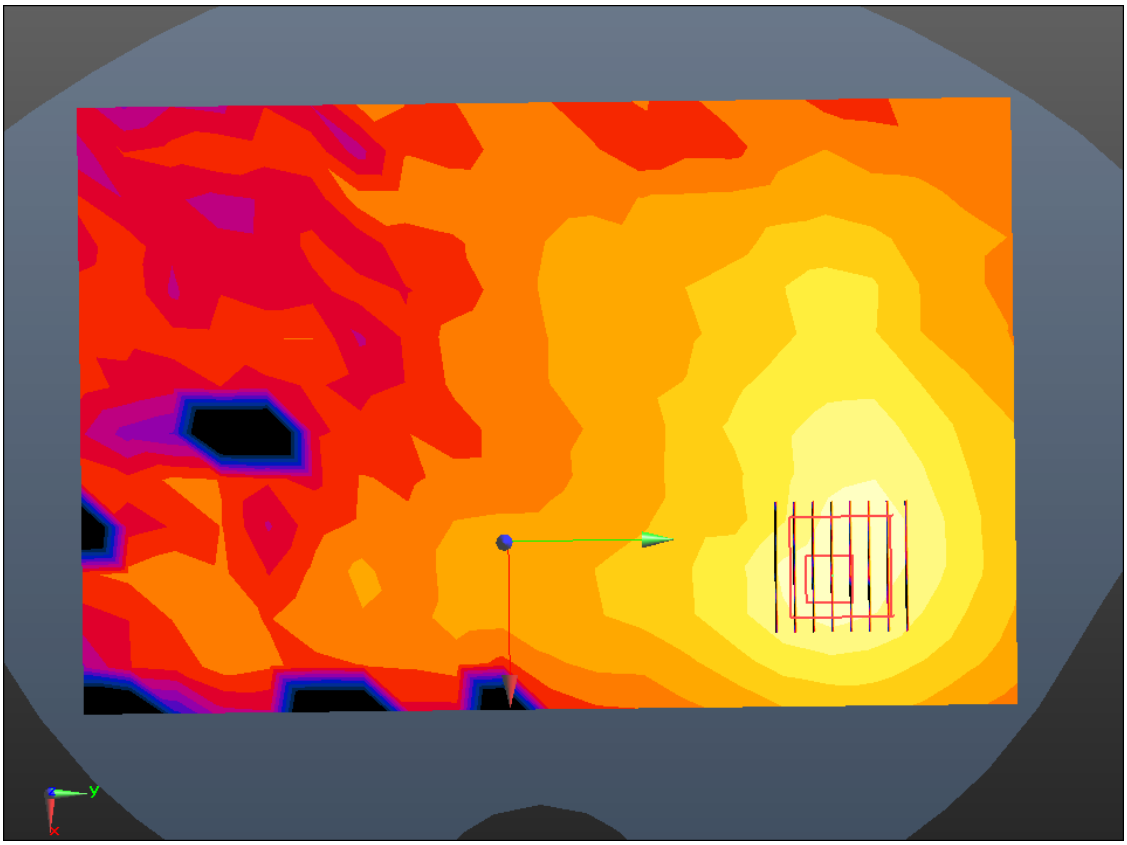
Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.145 W/kg



0 dB = 0.930 W/kg



Enlarged Plot for A45

DUT: LM-V350EM; Type: Bar

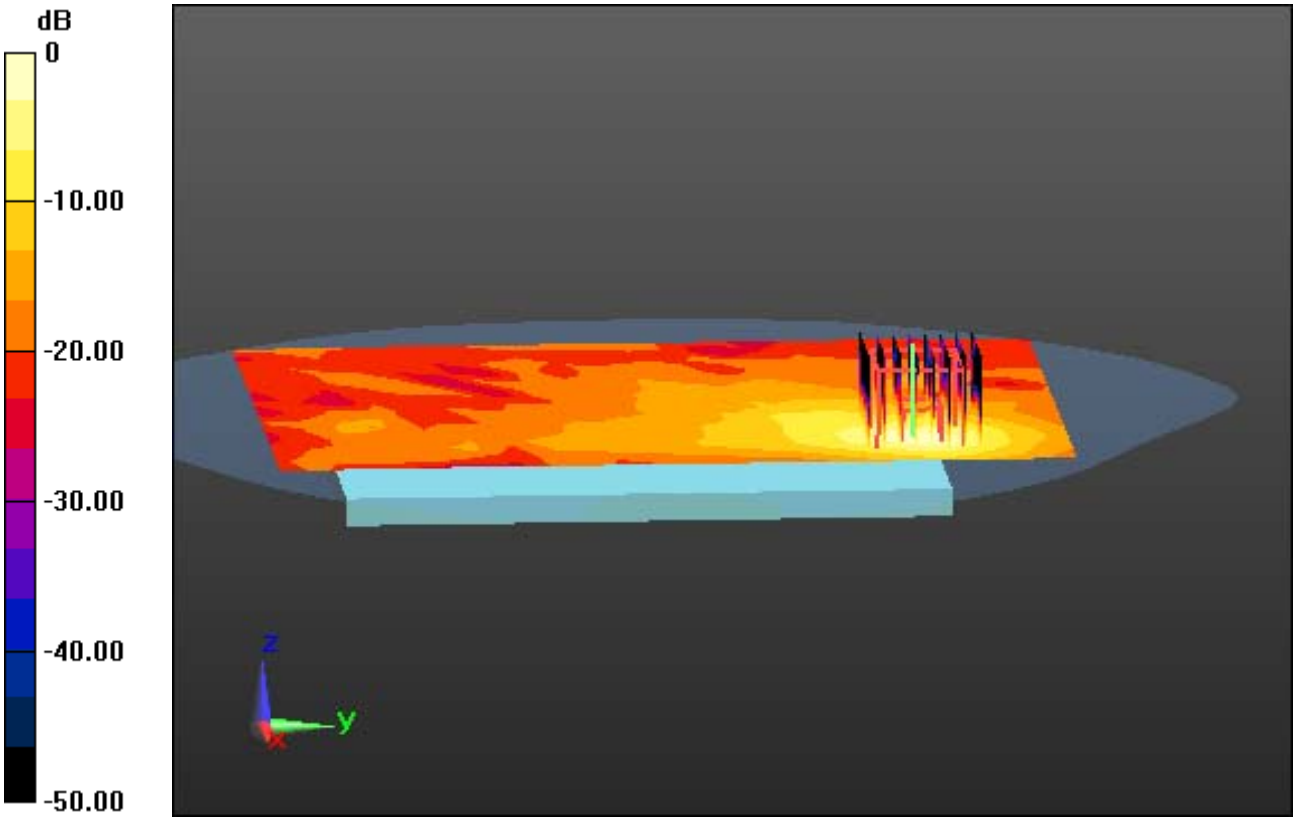
Communication System: UID 0, W-LAN 5G (0); Frequency: 5720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5720 MHz; σ = 6.077 S/m; ε_r = 47.812; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

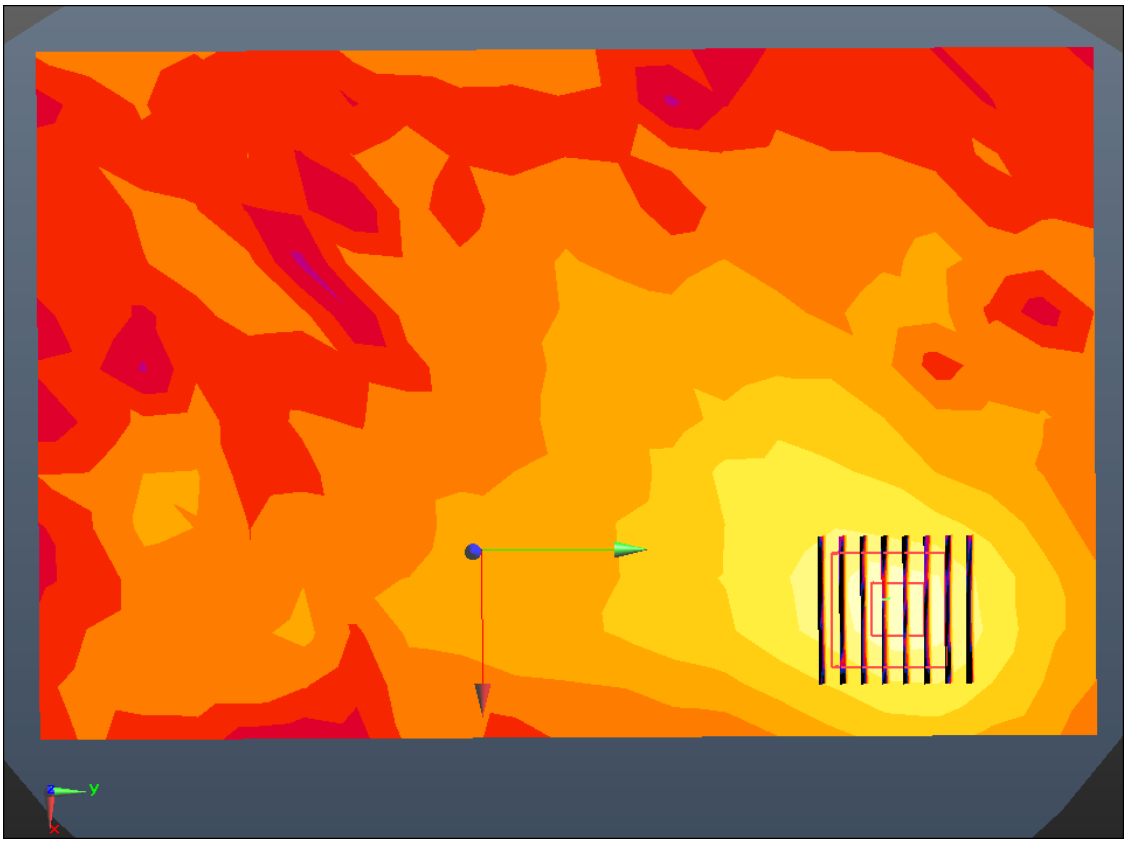
Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.123 W/kg



0 dB = 0.992 W/kg



Enlarged Plot for A46

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

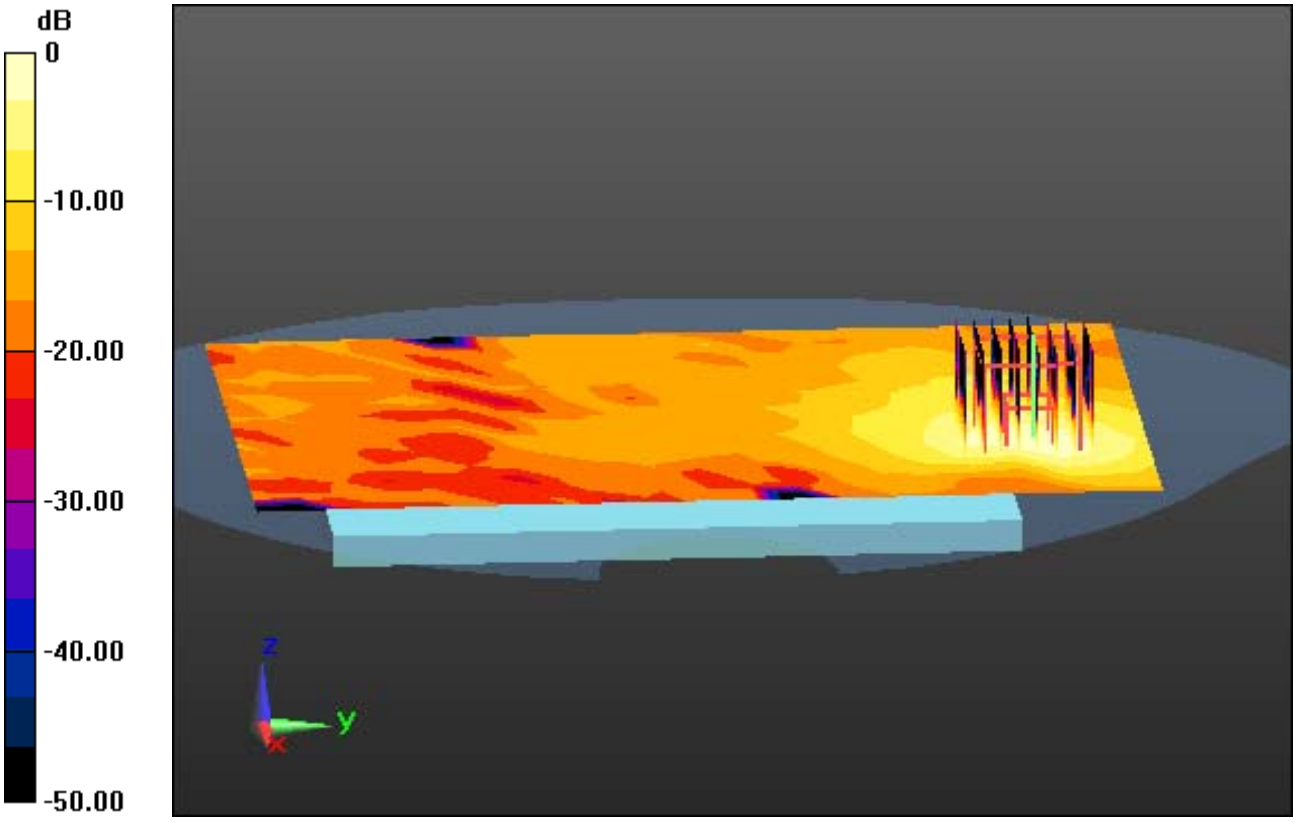
Communication System: UID 0, W-LAN 5G (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.994 S/m; ε_r = 47.917; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

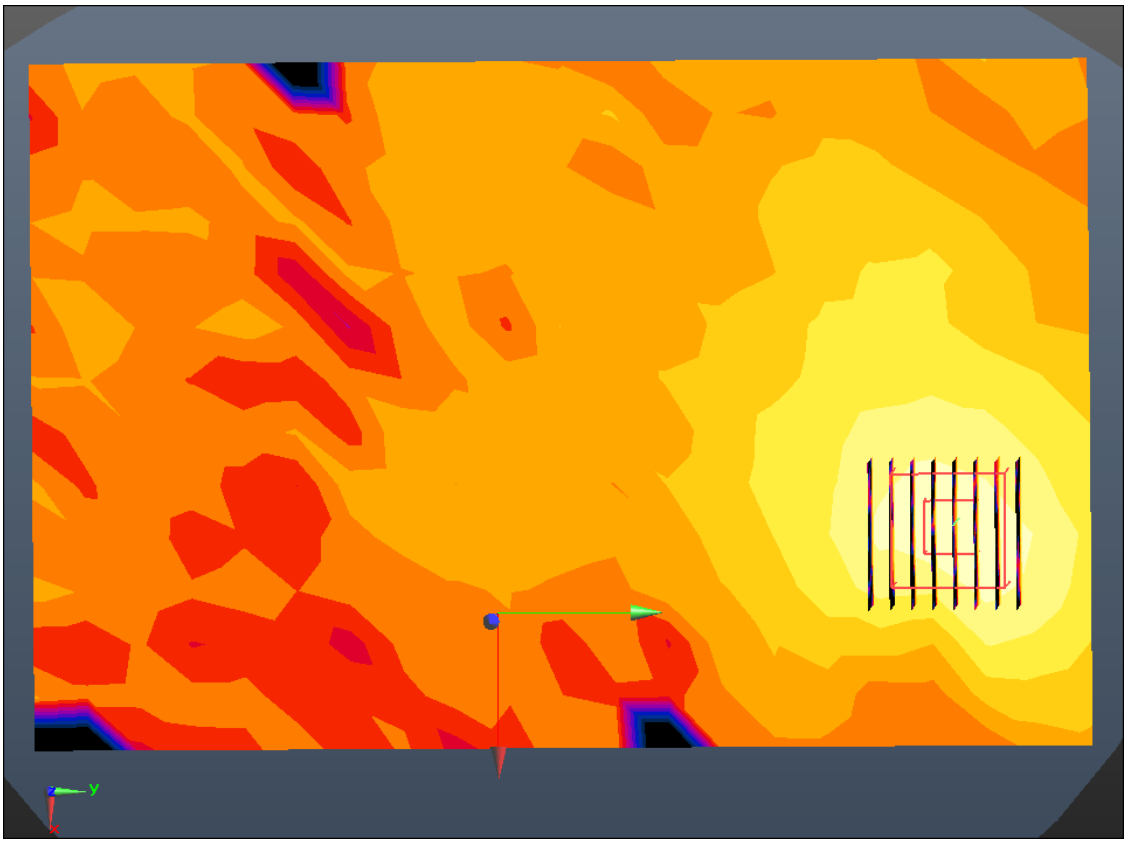
Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

1 cm space from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, Ant.2

Area Scan (14x21x1): 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 = -0.13 dB
Peak SAR (extrapolated) = 0.848 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.479 W/kg



Enlarged Plot for A47

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

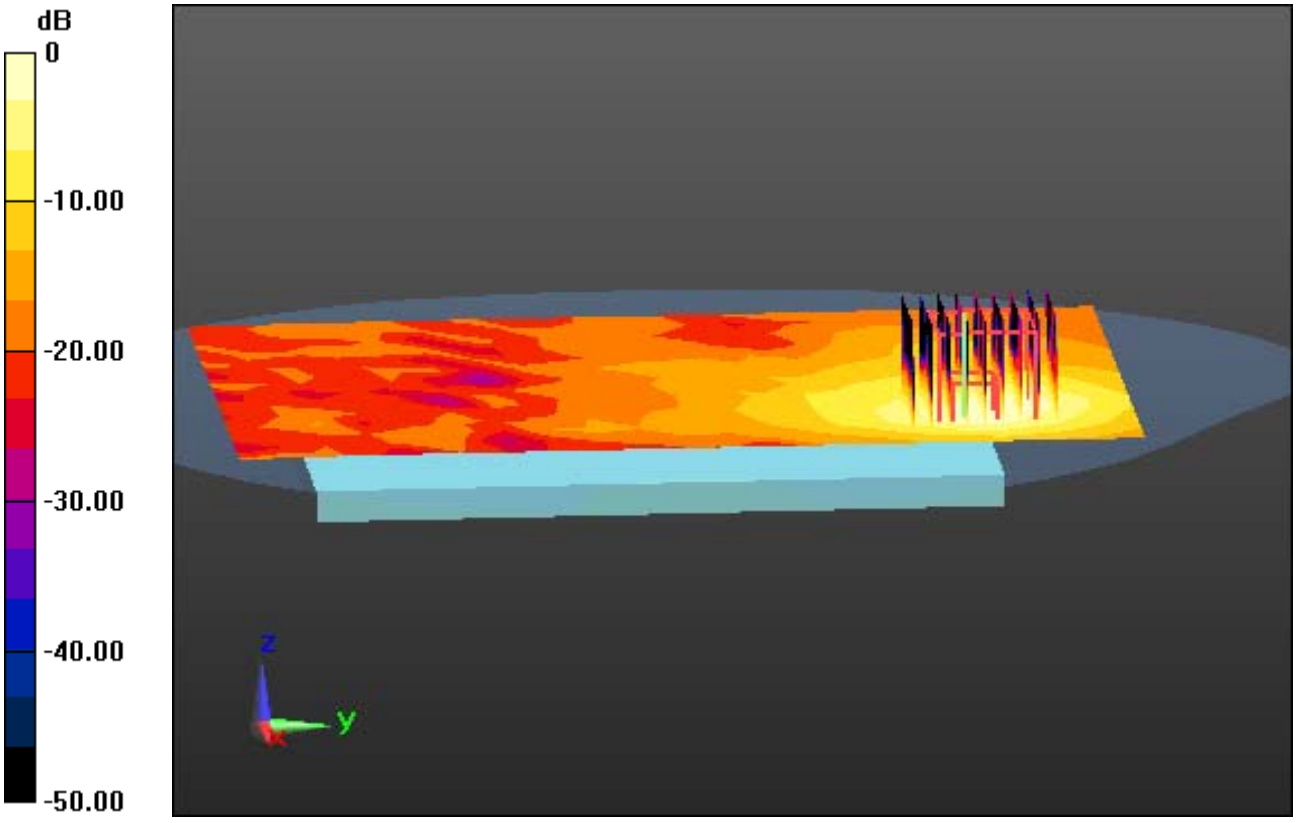
Communication System: UID 0, W-LAN 5G (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.994 S/m; ε_r = 47.917; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

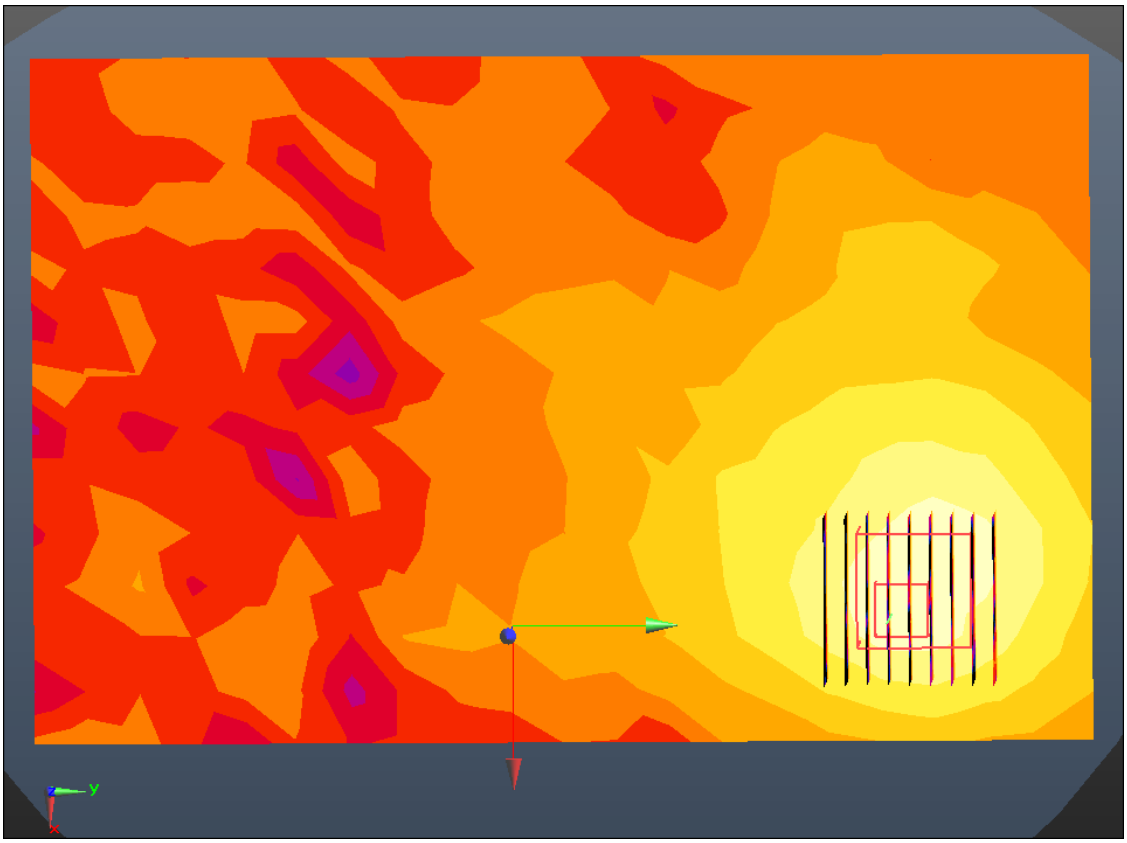
Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (14x21x1): 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 = -0.19 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.129 W/kg



0 dB = 0.887 W/kg



Enlarged Plot for A48

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

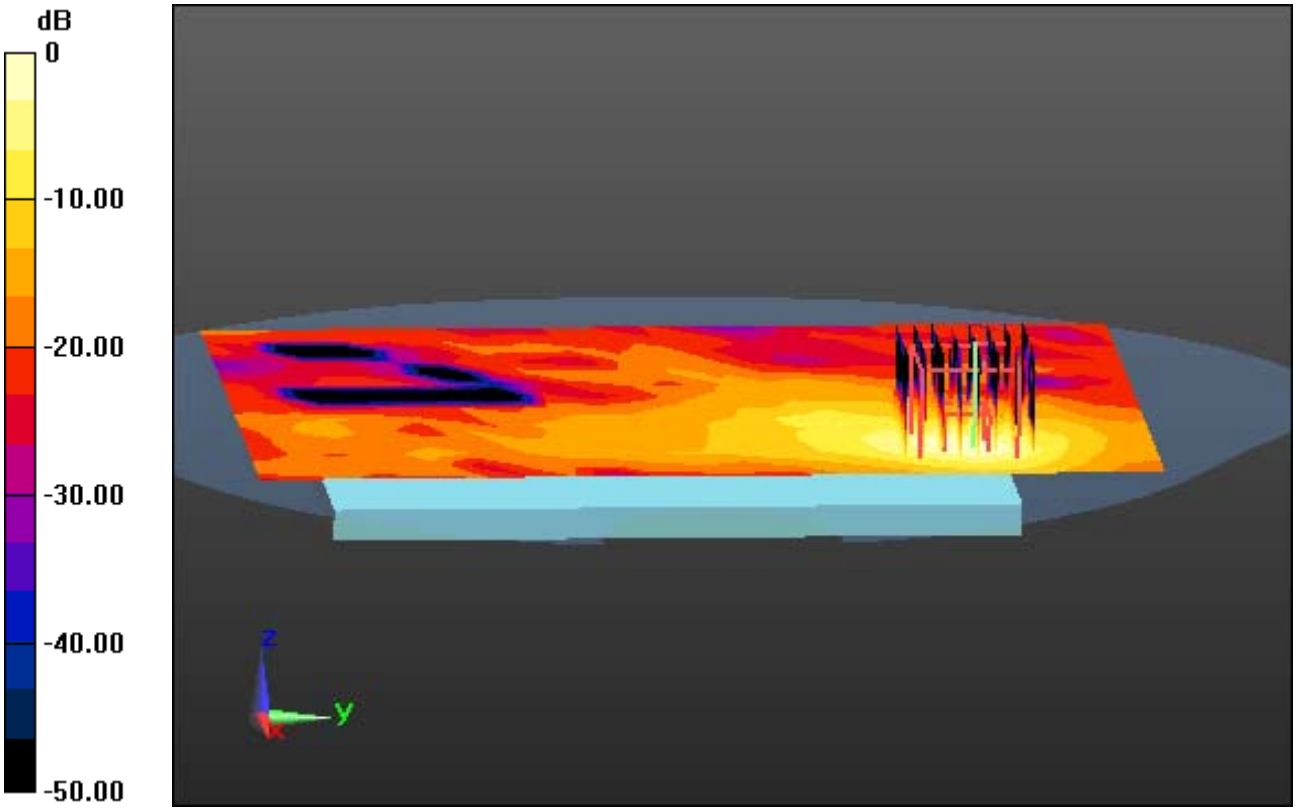
Communication System: UID 0, W-LAN 5G (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.158 S/m; ε_r = 48.071; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

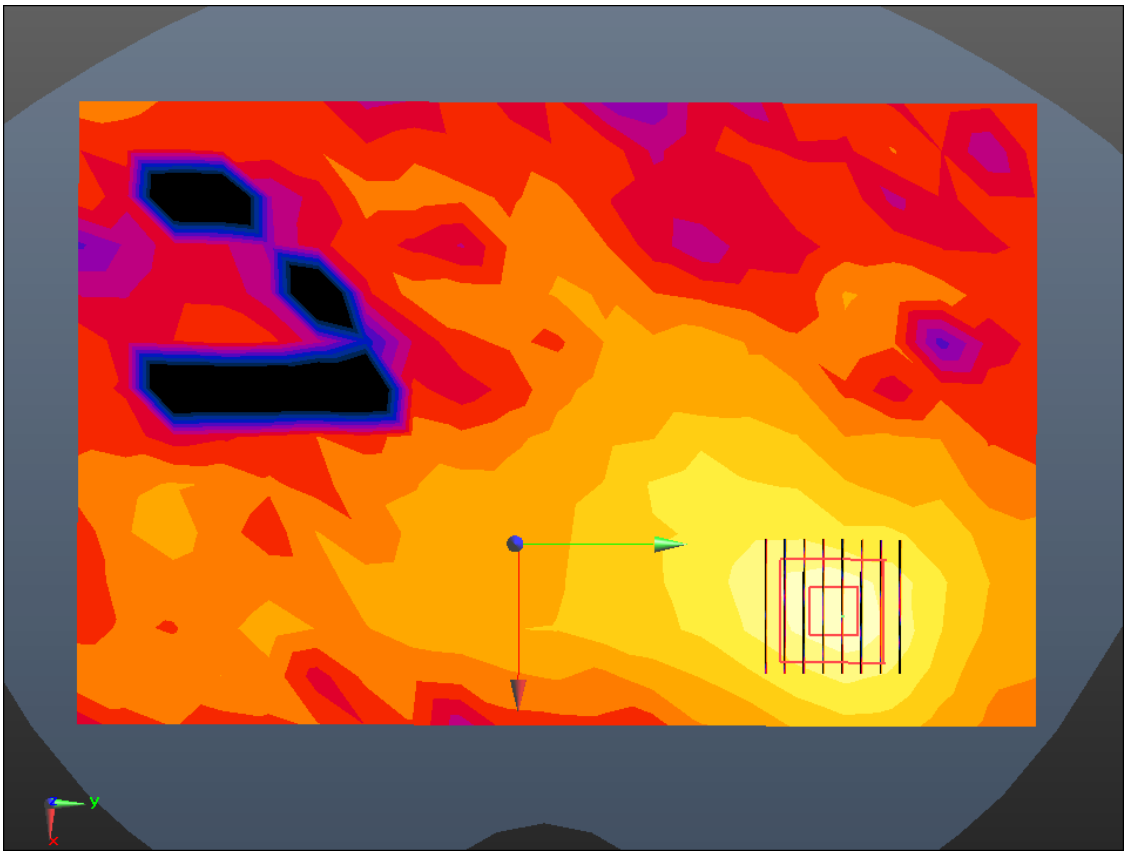
Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.109 W/kg



0 dB = 0.866 W/kg



Enlarged Plot for A49

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

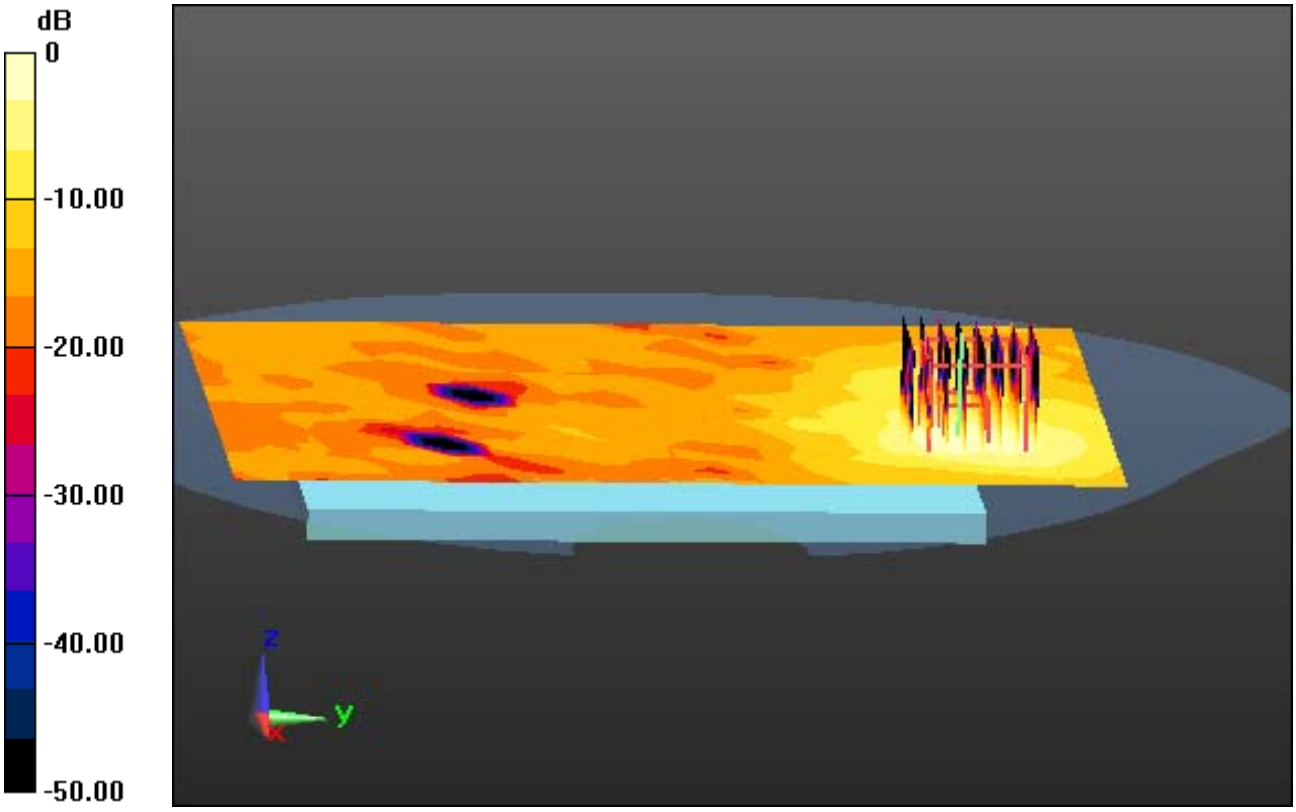
Communication System: UID 0, W-LAN 5G (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.158 S/m; ε_r = 48.071; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

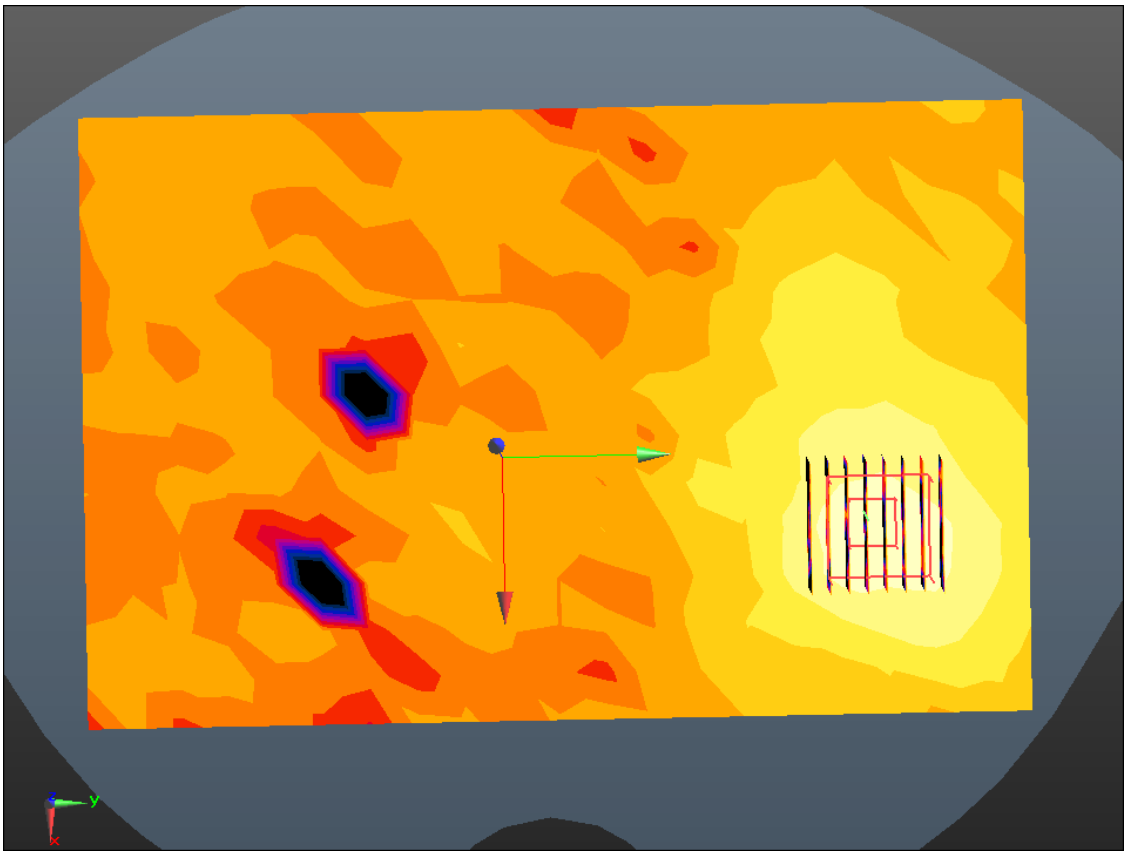
Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

1 cm space from Body, Rear, WLAN(802.11a) Ch. 157, Ant Internal, Ant.2

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.421 W/kg



Enlarged Plot for A50

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

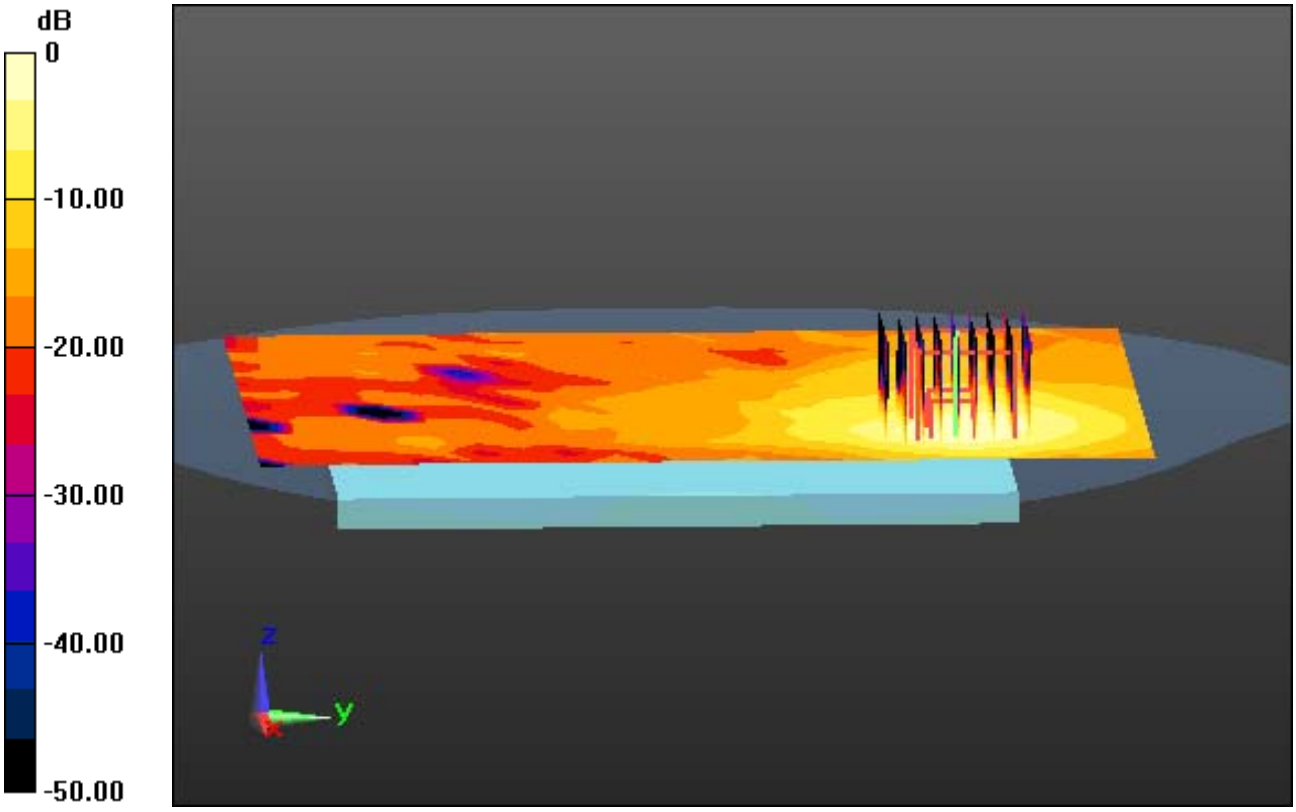
Communication System: UID 0, W-LAN 5G (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.158 S/m; ε_r = 48.071; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

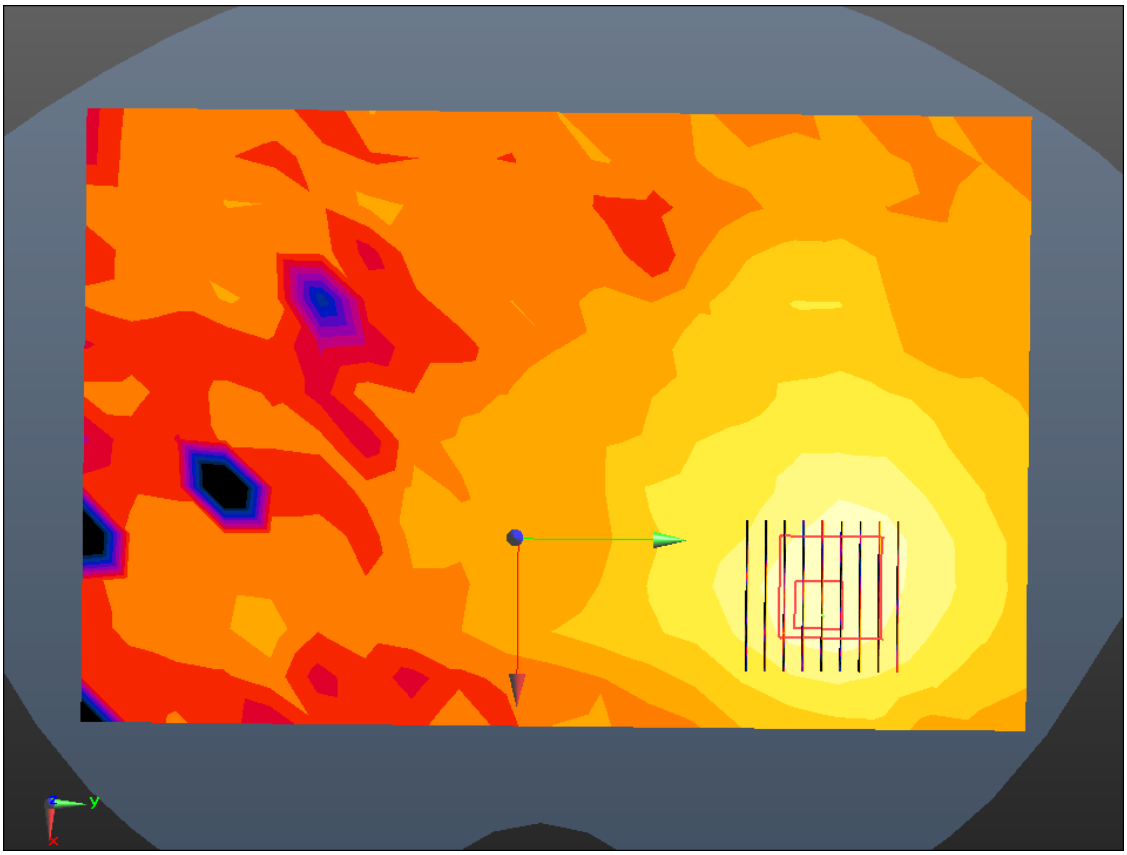
Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.731 W/kg



Enlarged Plot for A51

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

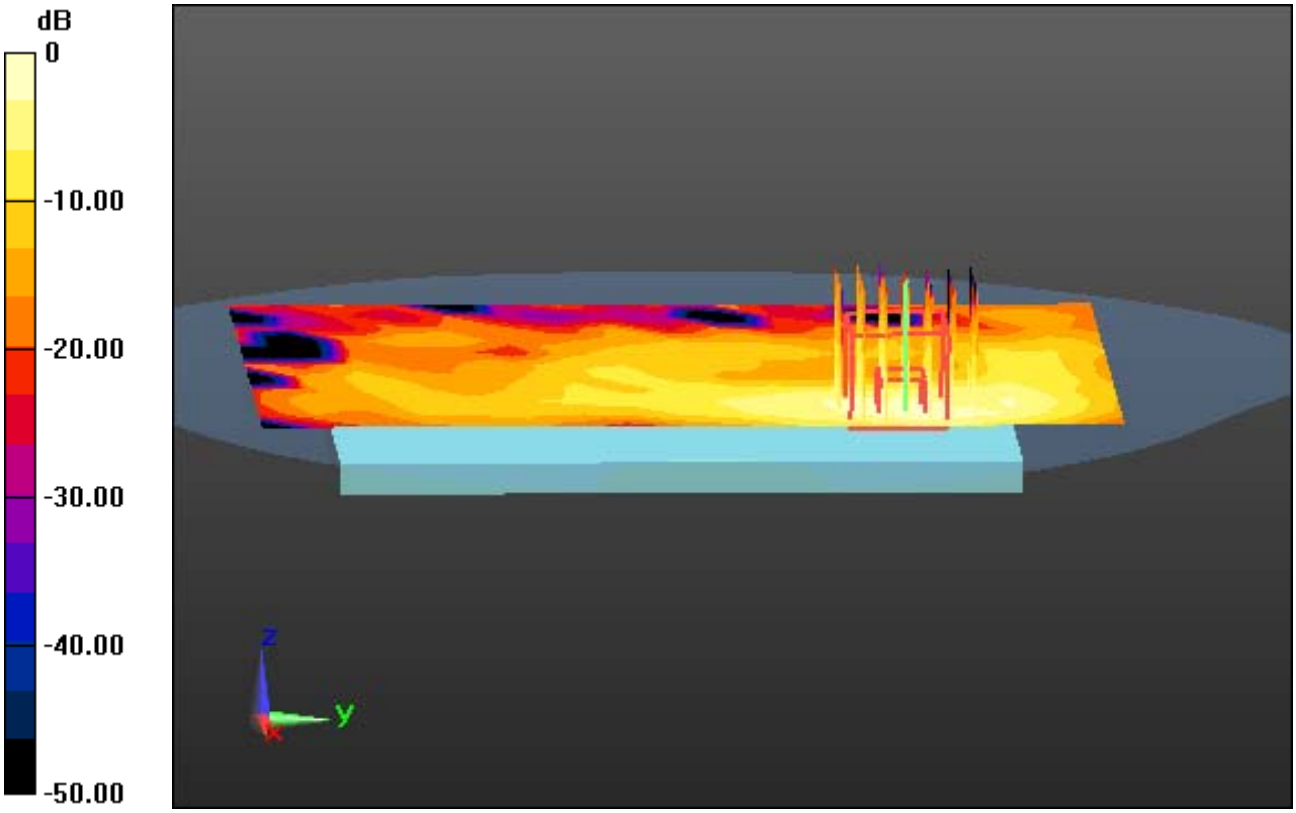
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.3
Medium parameters used: f = 2441 MHz; σ = 1.907 S/m; ε_r = 50.692; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

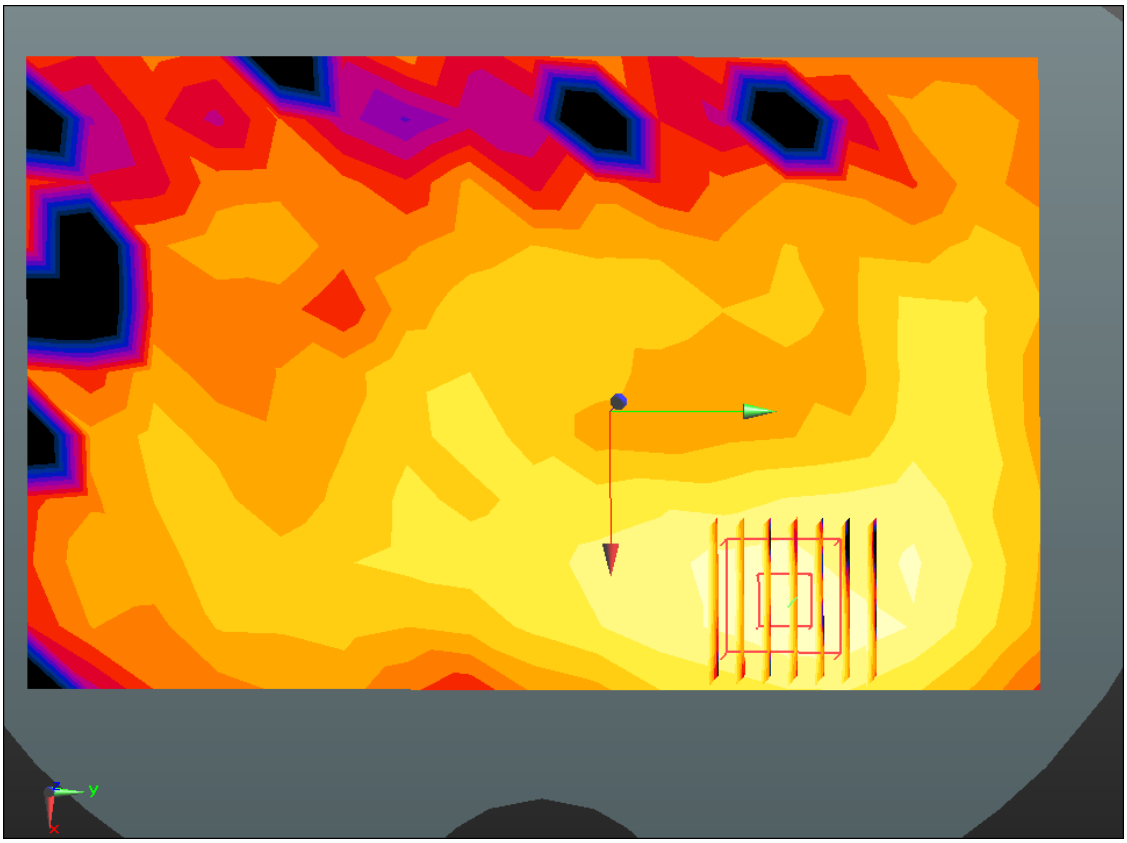
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (11x17x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.0682 W/kg



Enlarged Plot for A52

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

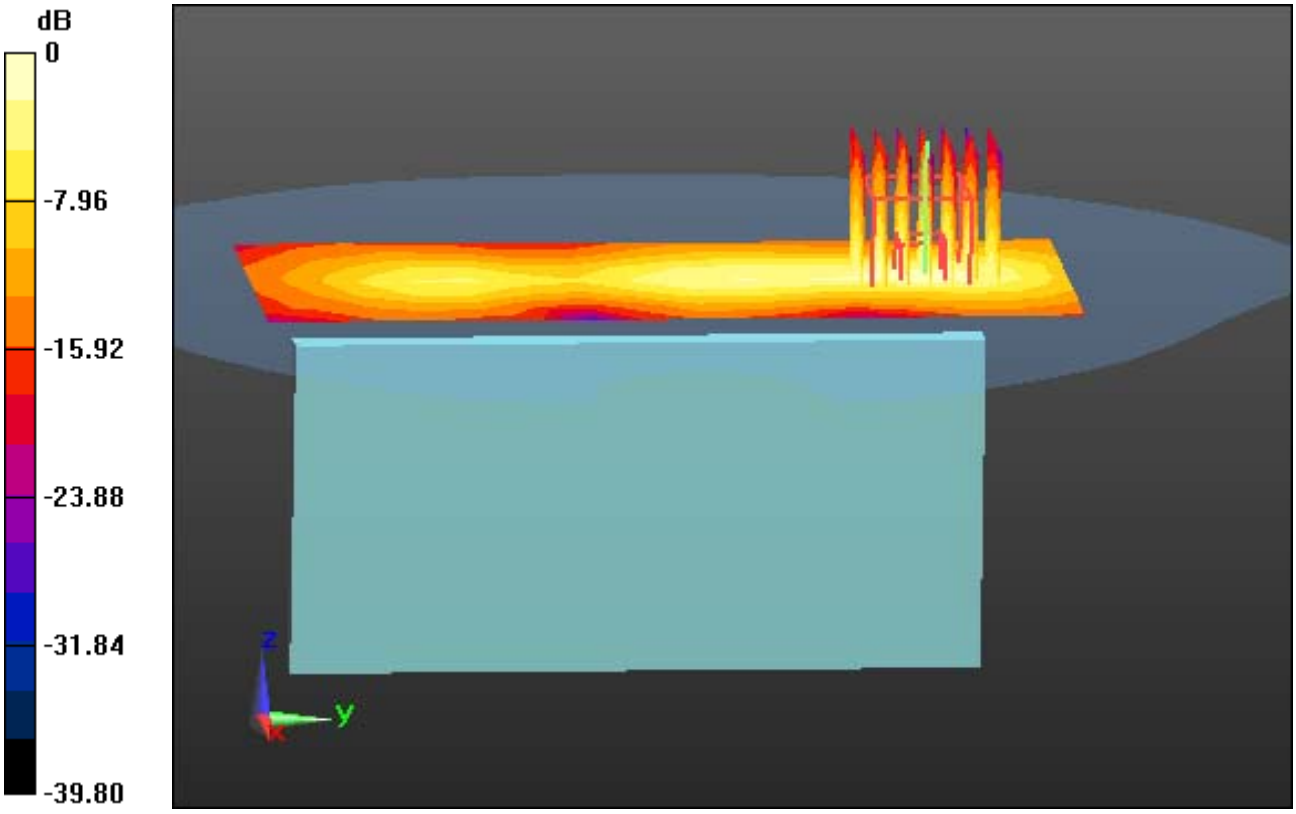
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.929 S/m; ε_r = 50.651; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

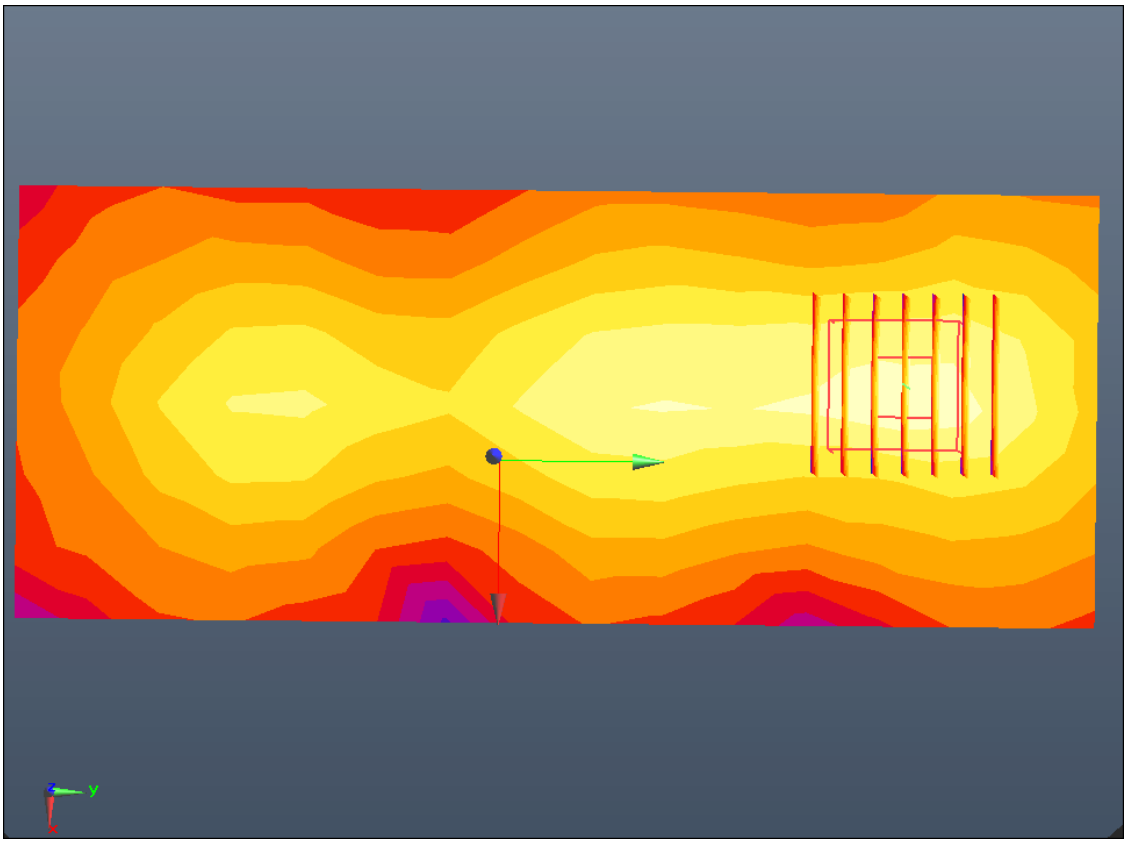
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.244 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.055 W/kg



0 dB = 0.187 W/kg



Enlarged Plot for A53

DUT: LM-V350EM; Type: Bar

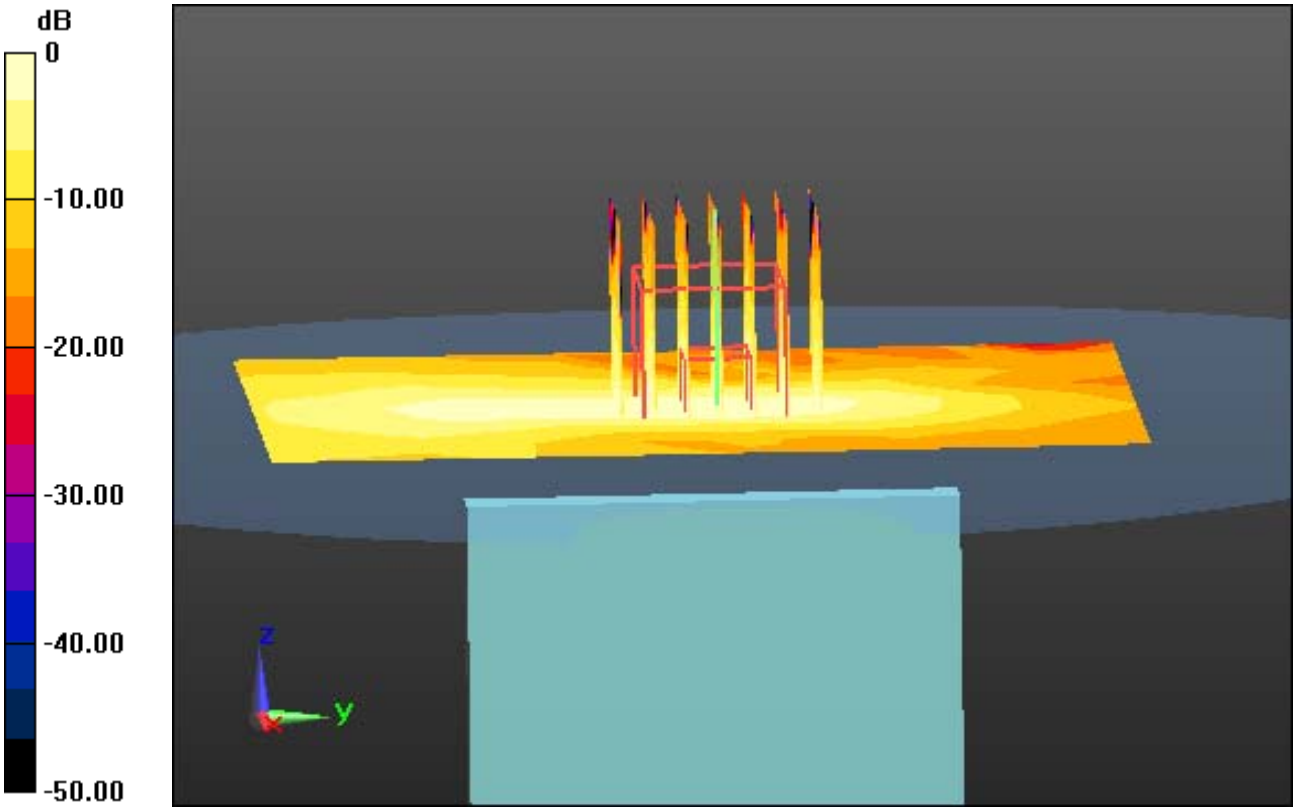
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.903 S/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

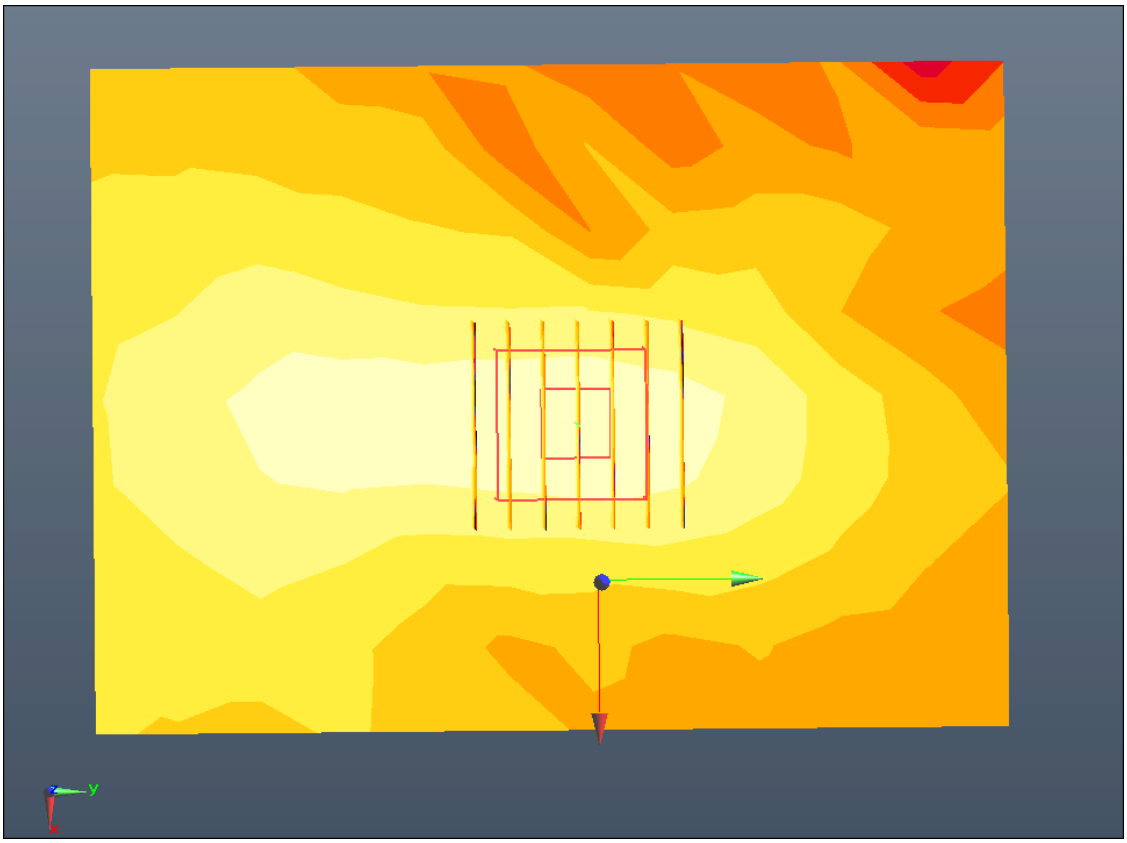
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (9x12x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.179 W/kg



Enlarged Plot for A54

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

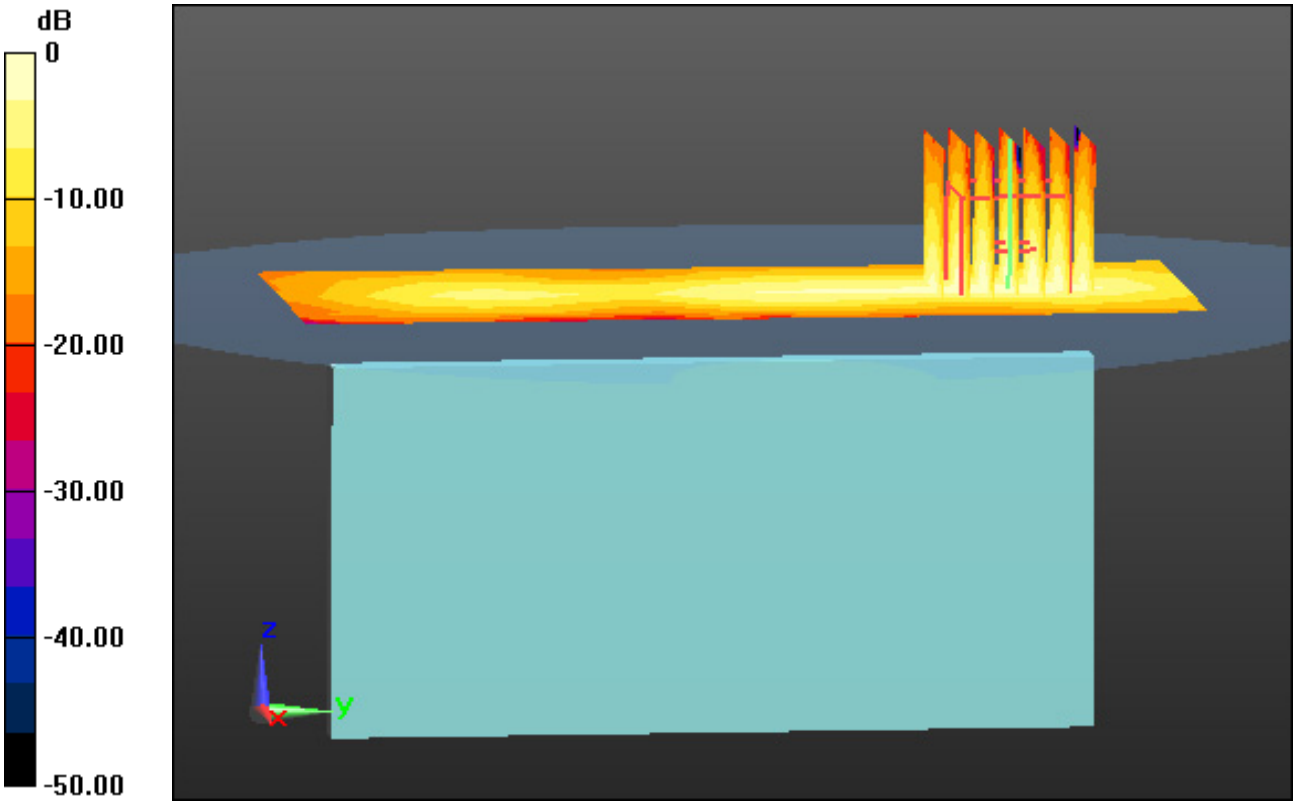
Communication System: UID 0, 2.4 GHz W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.868 S/m; ε_r = 50.733; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

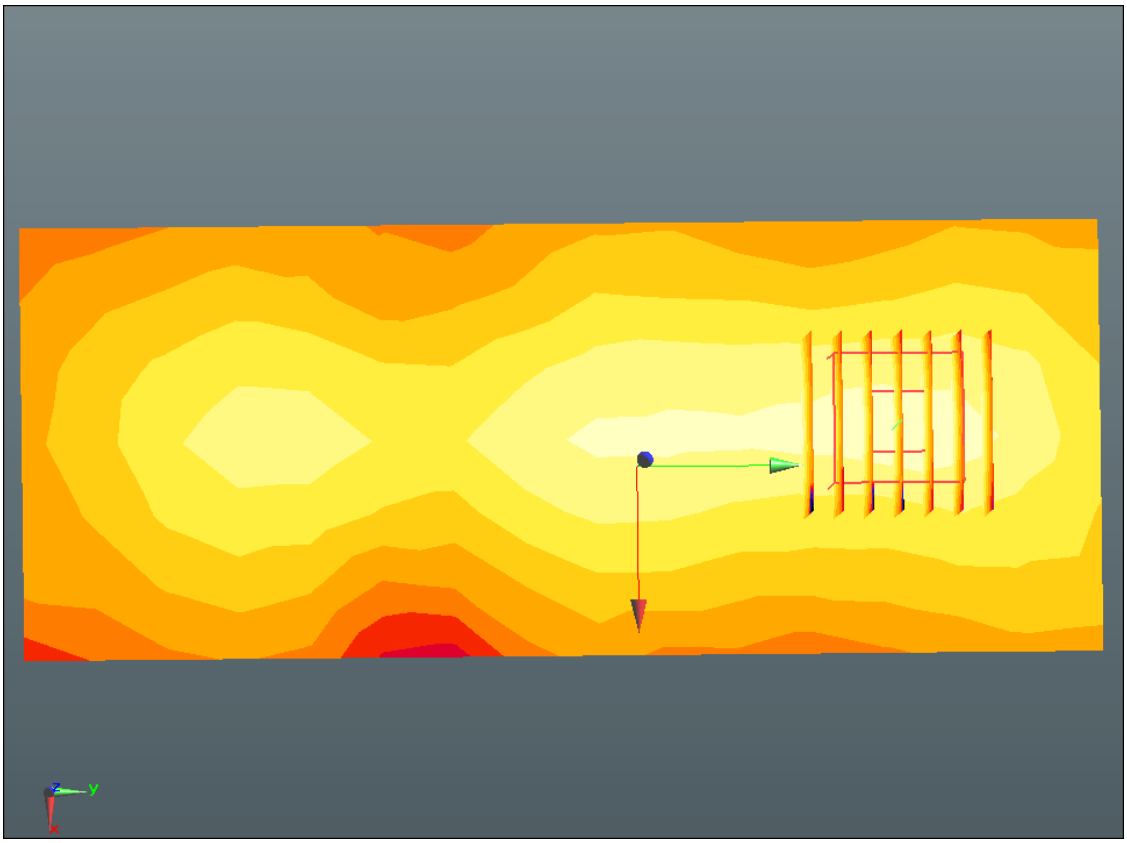
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.127 W/kg



Enlarged Plot for A55

DUT: LM-V350EM; Type: Bar

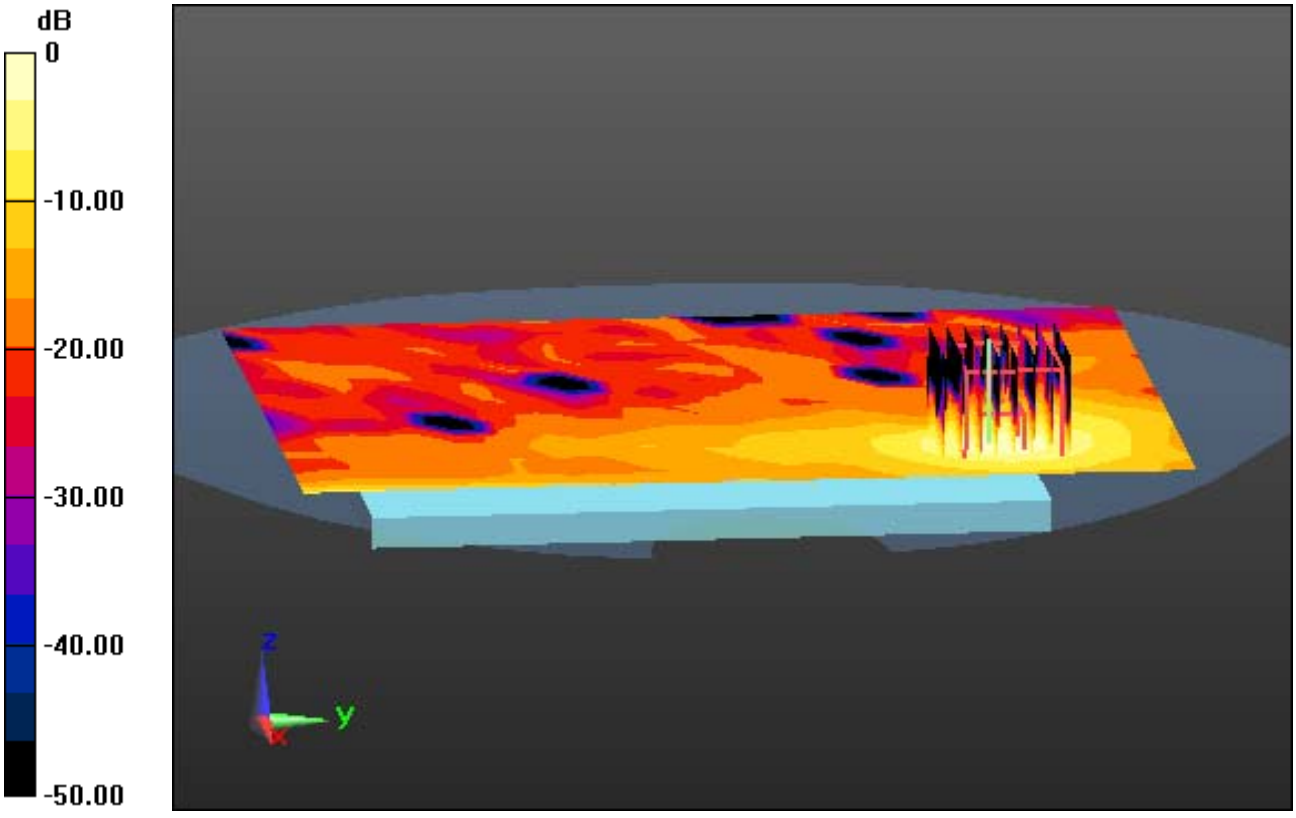
Communication System: UID 0, W-LAN 5G (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.201 S/m; ε_r = 47.221; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.87, 4.87, 4.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

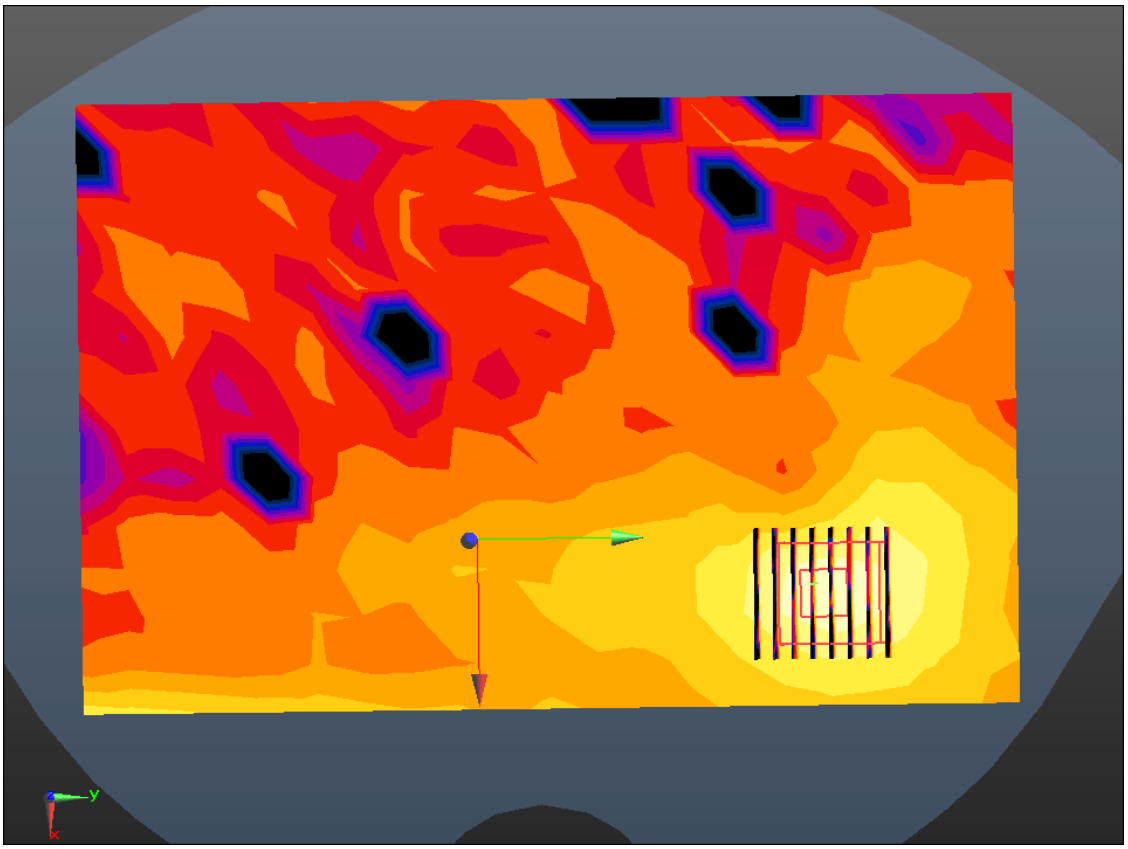
Test Date: 2018-03-27; Ambient Temp: 20.6; Tissue Temp: 21.5

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

Area Scan (14x21x1): 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 = 0.17 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.071 W/kg



0 dB = 0.543 W/kg



Enlarged Plot for A56

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

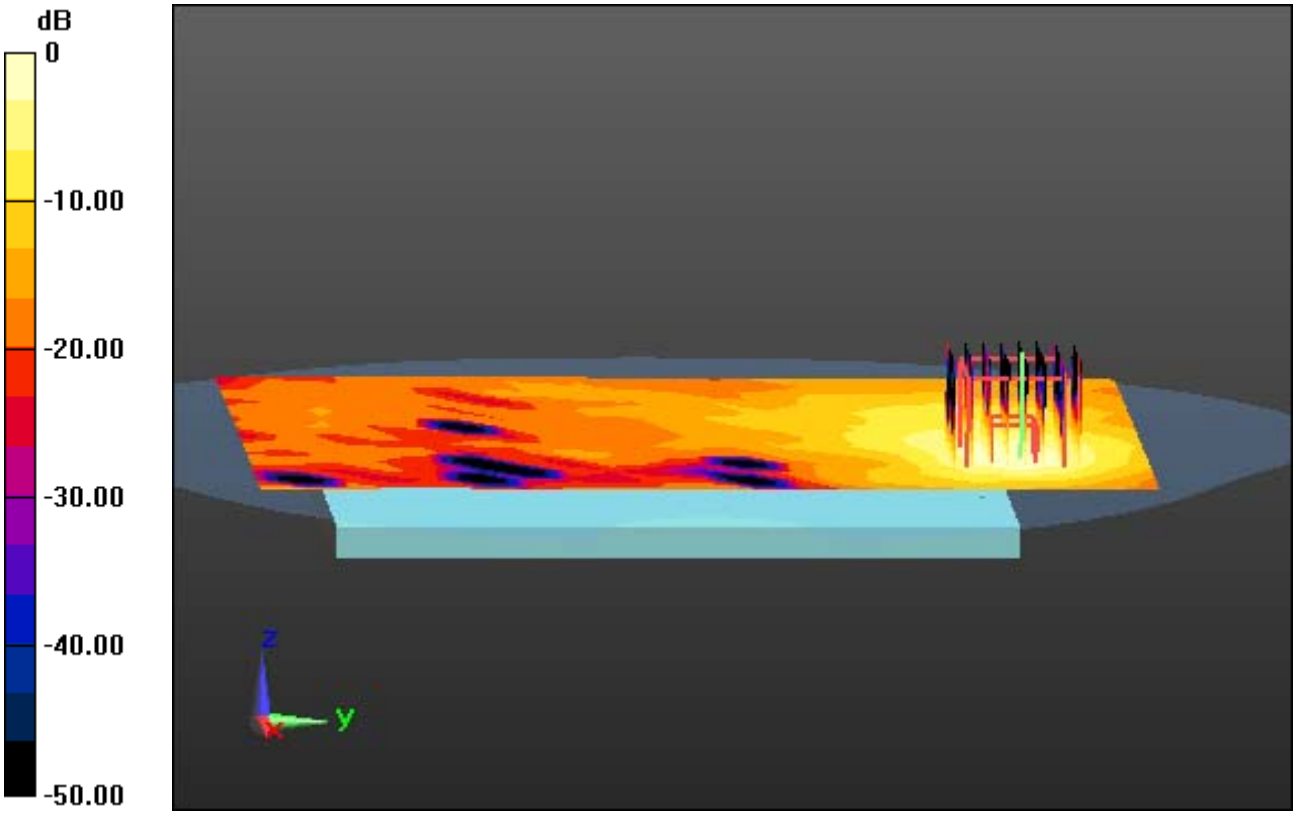
Communication System: UID 0, W-LAN 5G (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.201 S/m; ε_r = 47.221; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.87, 4.87, 4.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

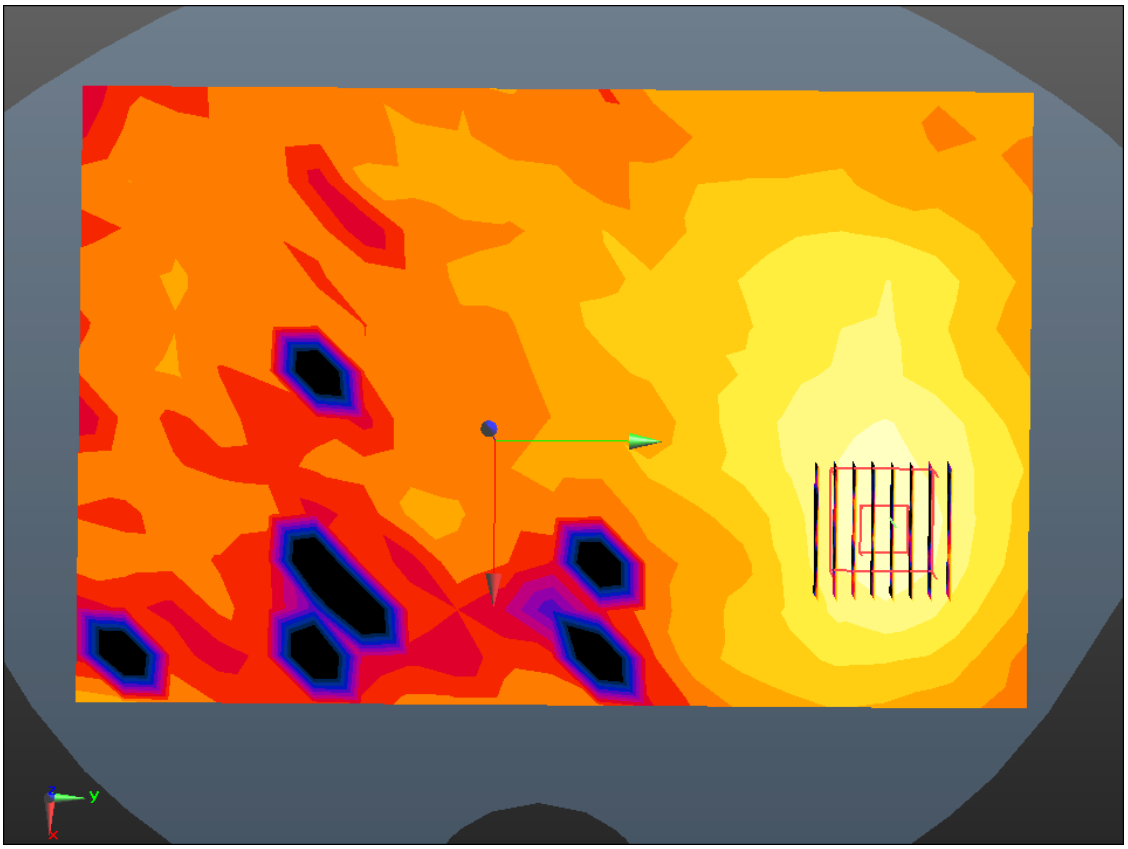
Test Date: 2018-03-27; Ambient Temp: 20.6; Tissue Temp: 21.5

1 cm space from Body, Rear, WLAN(802.11a) Ch. 36, Ant Internal, Ant.2

Area Scan (14x21x1): 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 = -0.13 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.067 W/kg



0 dB = 0.424 W/kg



Enlarged Plot for A57

DUT: LM-V350EM; Type: Bar

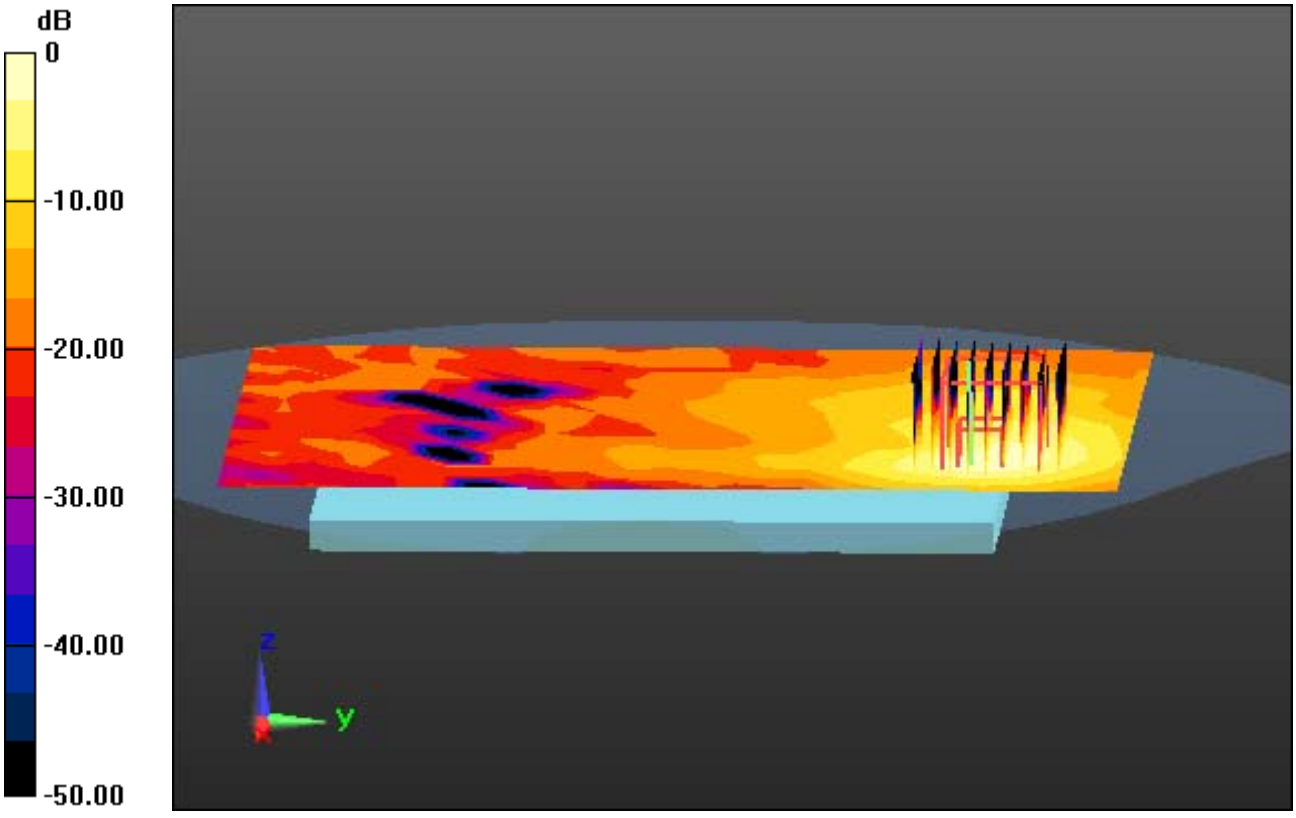
Communication System: UID 0, W-LAN 5G (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.201 S/m; ε_r = 47.221; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.87, 4.87, 4.87); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

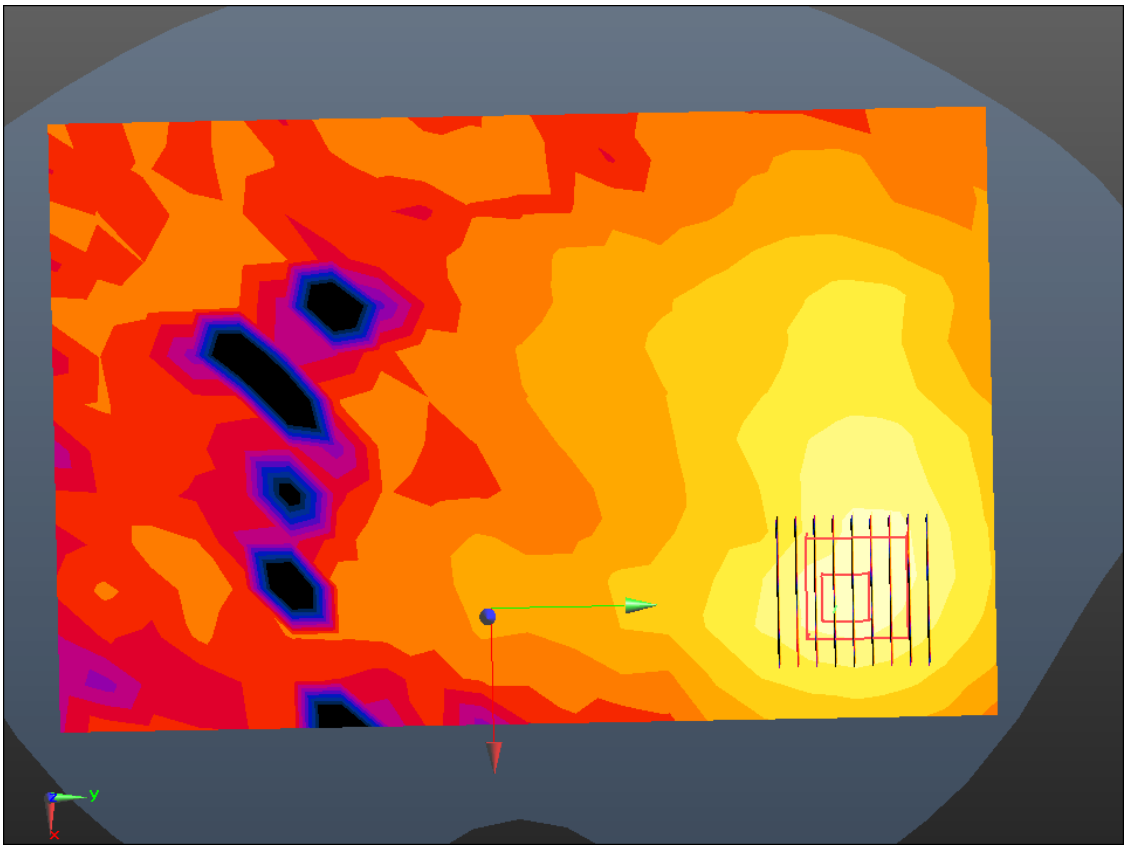
Test Date: 2018-03-27; Ambient Temp: 20.6; Tissue Temp: 21.5

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

Area Scan (14x21x1): 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 = -0.16 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.111 W/kg



0 dB = 0.717 W/kg



Enlarged Plot for A58

DUT: LM-V350EM; Type: Bar

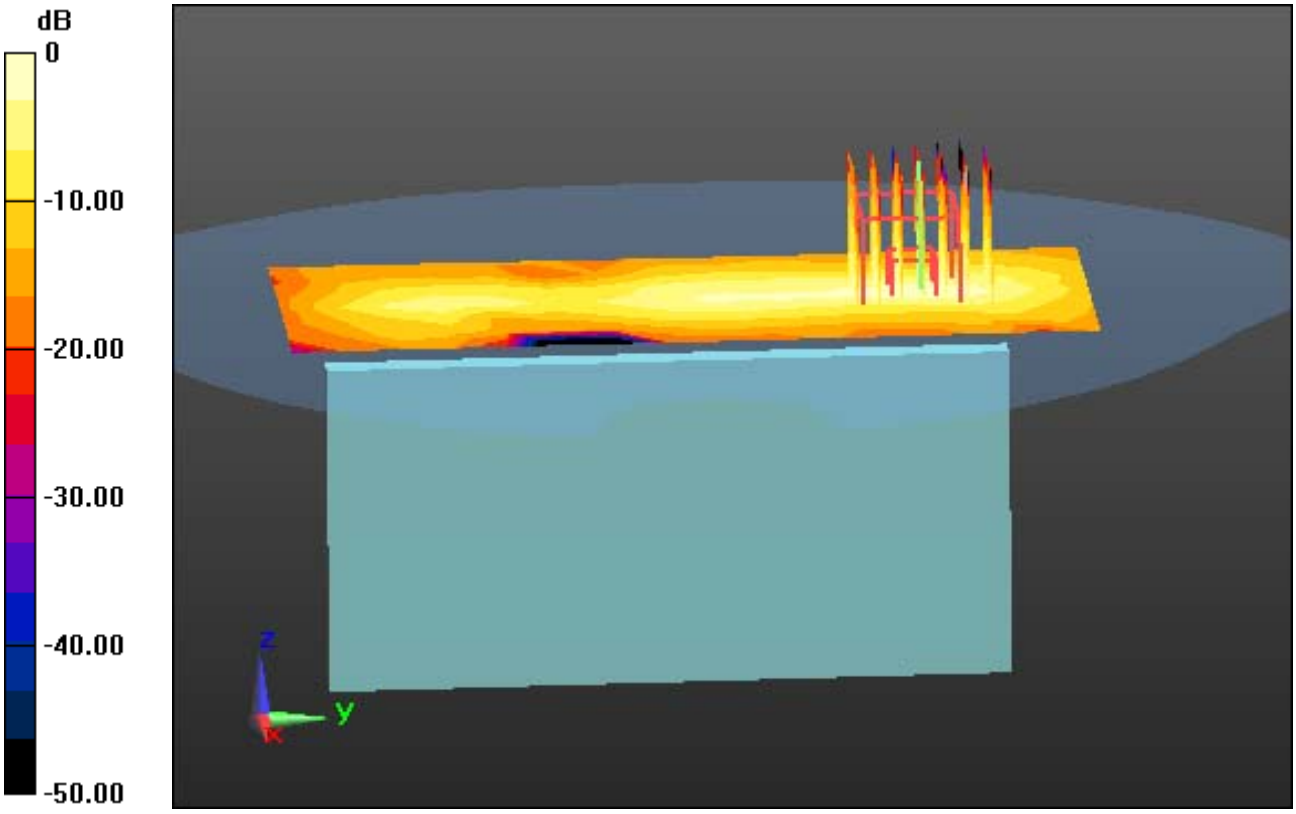
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.3
Medium parameters used: f = 2441 MHz; σ = 1.907 S/m; ε_r = 50.692; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.9, 7.9, 7.9); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

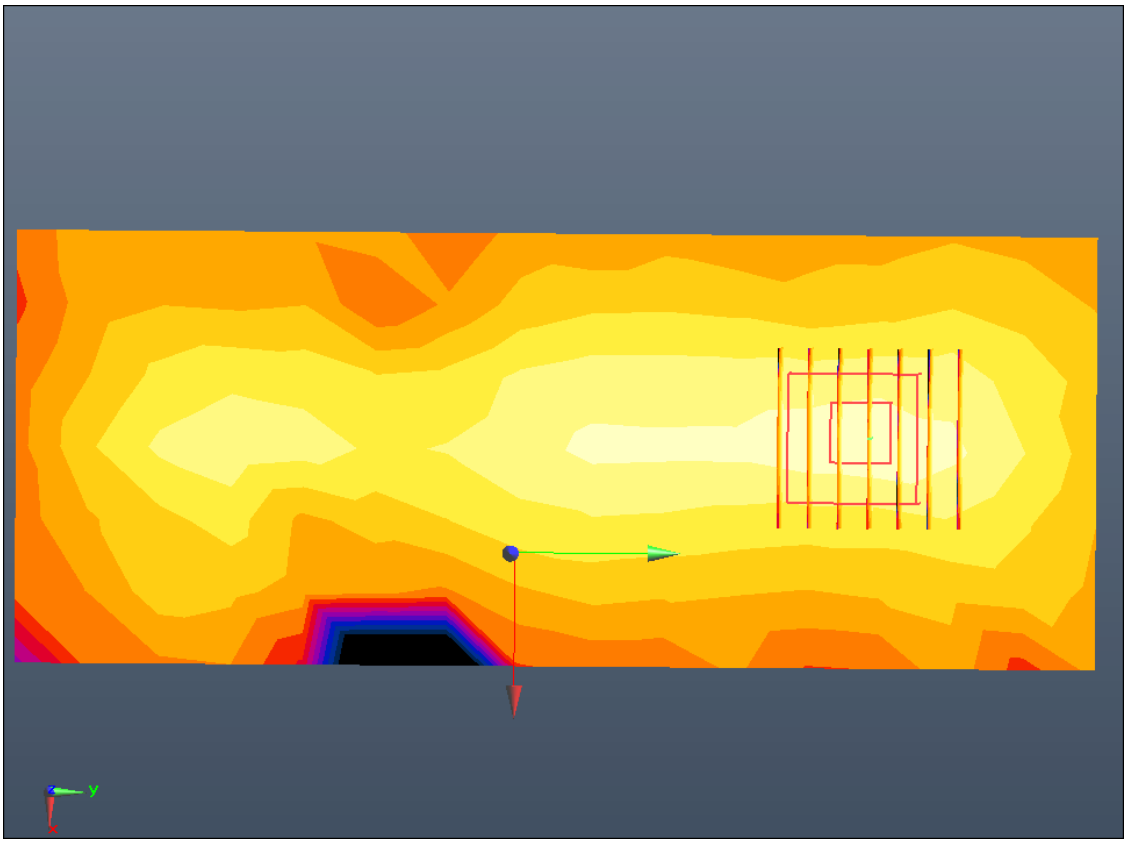
Test Date: 2018-03-26; Ambient Temp: 20.5; Tissue Temp: 21.6

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

Area Scan (7x16x1): 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) = 0.117 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.0868 W/kg



Enlarged Plot for A59

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

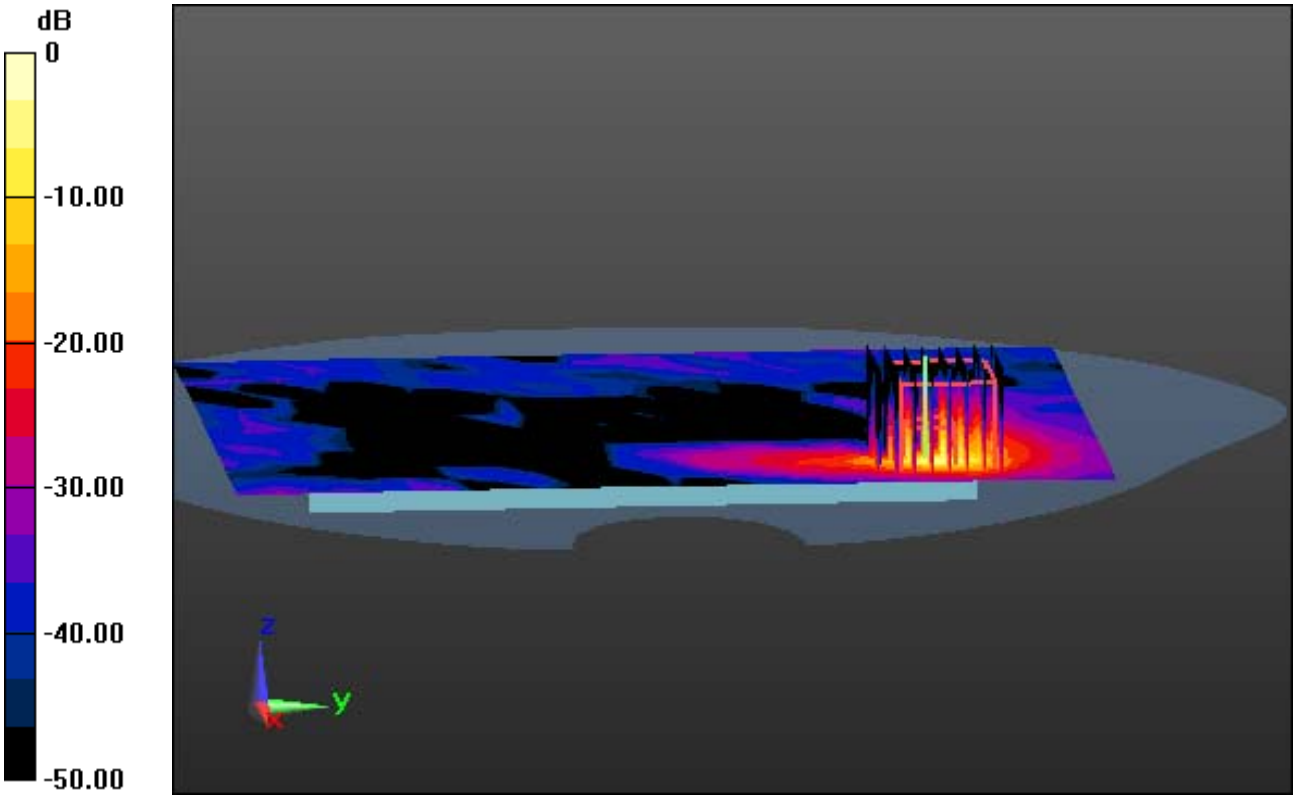
Communication System: UID 0, W-LAN 5G (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.36 S/m; ε_r = 47.373; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

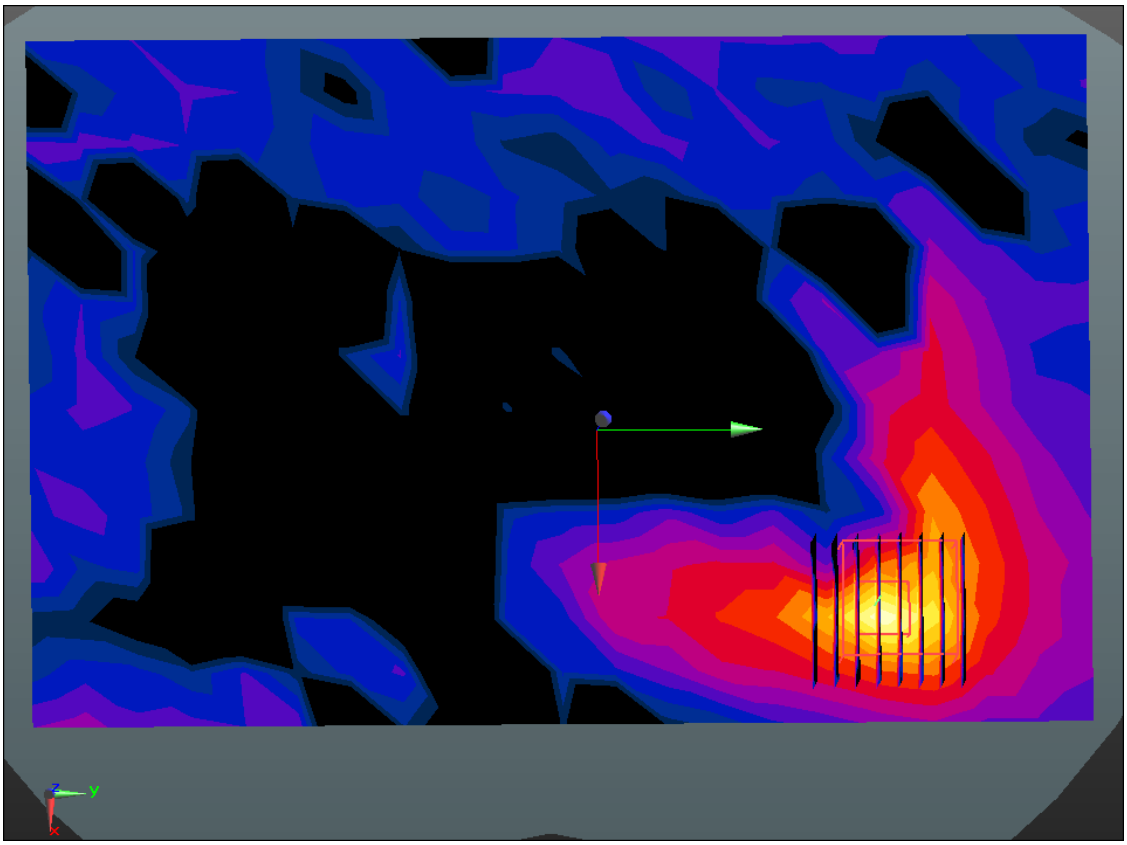
Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 55.3 W/kg
SAR(1 g) = 5.76 W/kg; SAR(10 g) = 0.967 W/kg



0 dB = 24.7 W/kg



Enlarged Plot for A60

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

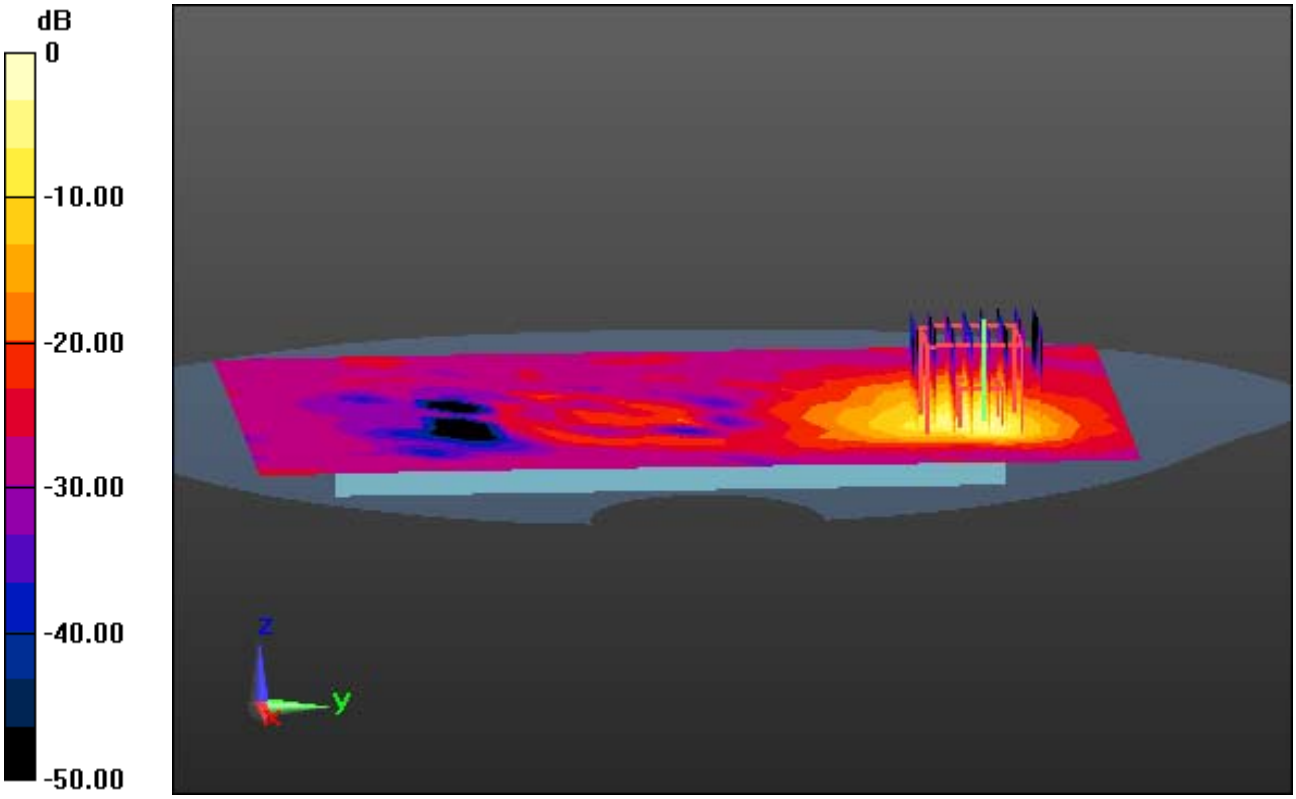
Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.315 S/m; ε_r = 47.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

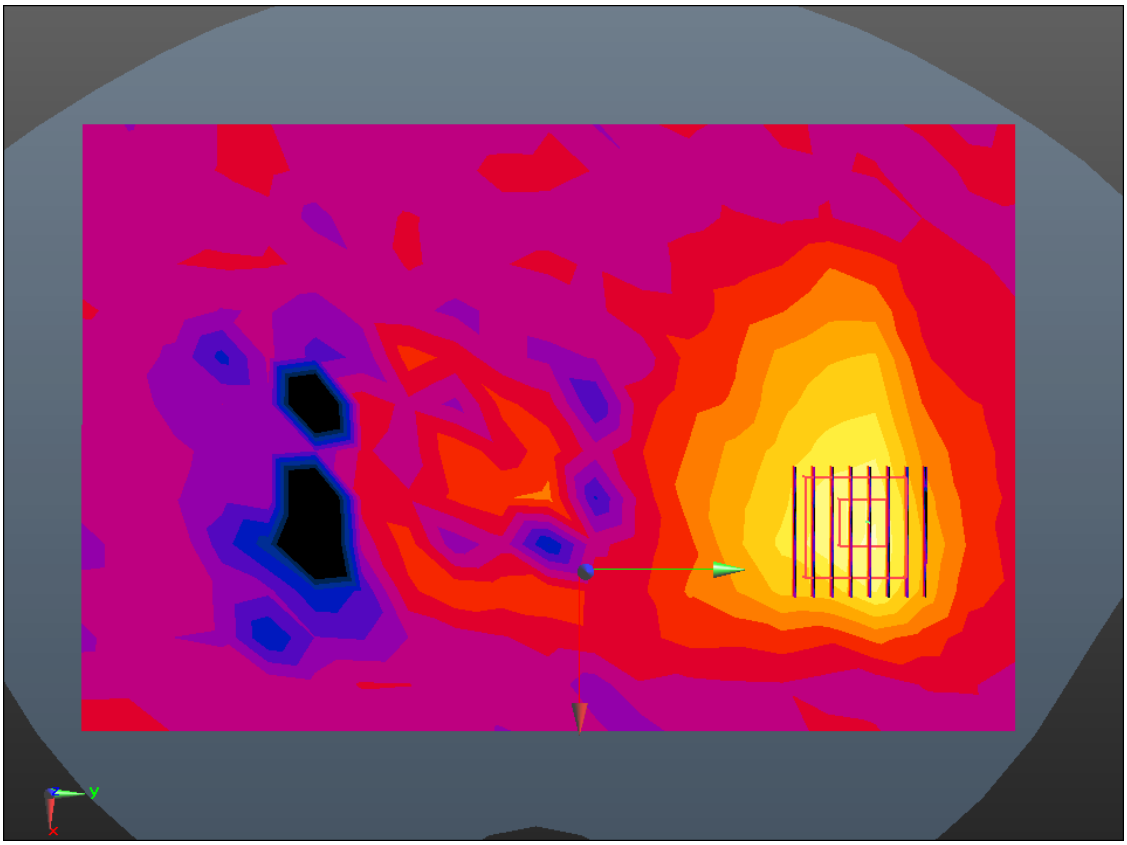
Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

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

Area Scan (14x21x1): 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) = 11.8 W/kg
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 0.523 W/kg



0 dB = 6.17 W/kg



Enlarged Plot for A61

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

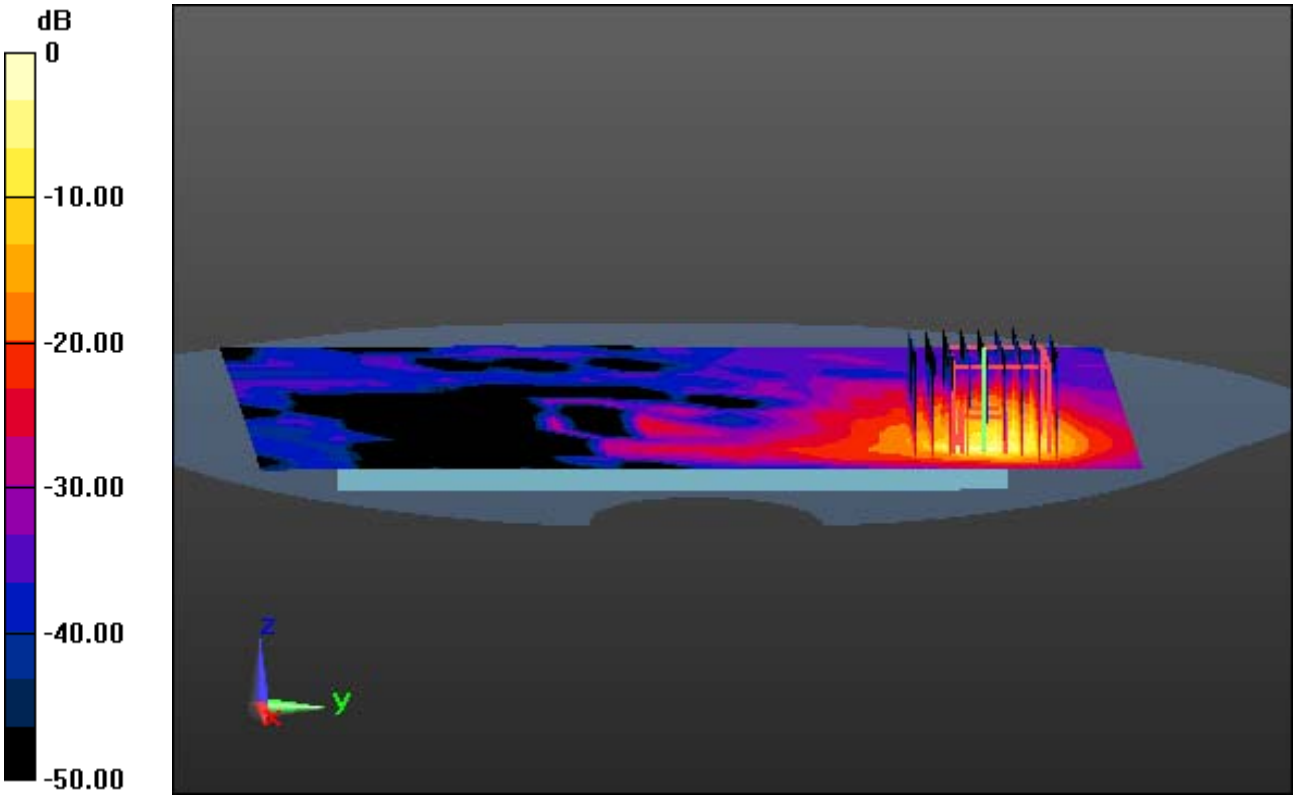
Communication System: UID 0, W-LAN 5G (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.315 S/m; ε_r = 47.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.7, 4.7, 4.7); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

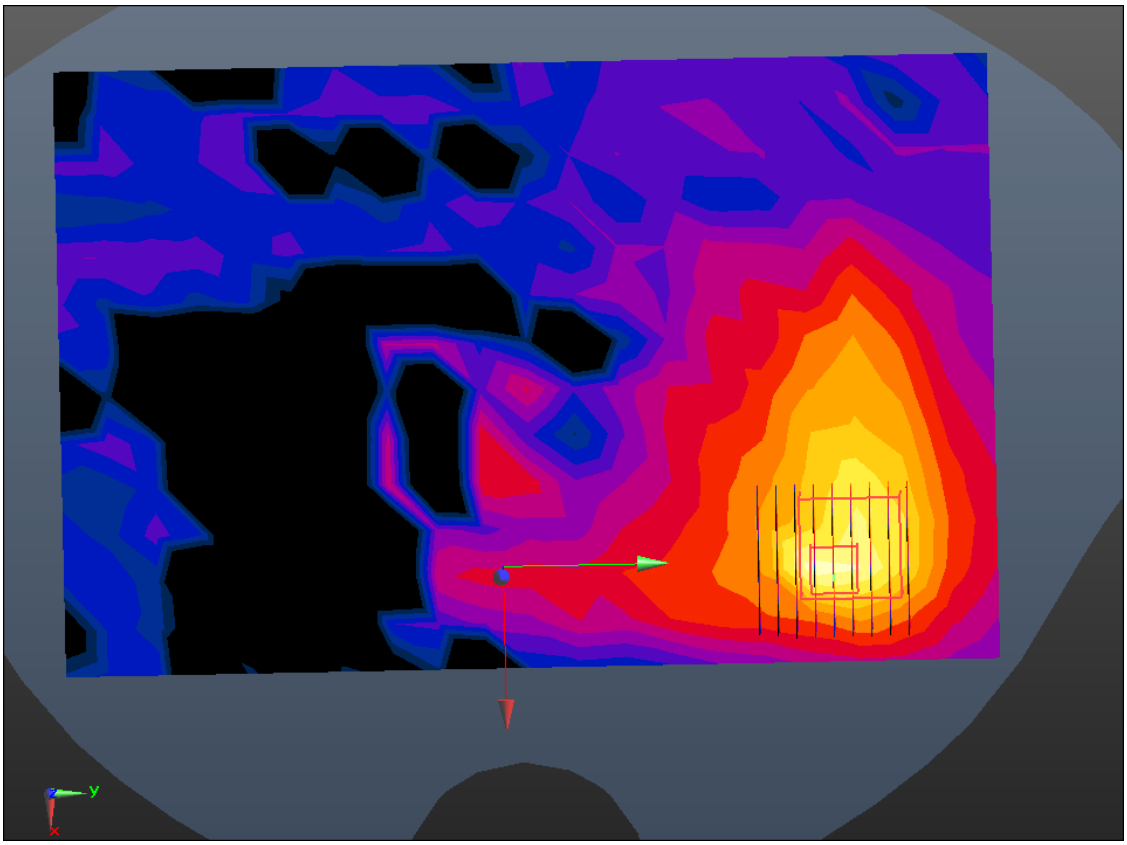
Test Date: 2018-03-29; Ambient Temp: 20.8; Tissue Temp: 21.7

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

Area Scan (14x21x1): 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 = -0.15 dB
Peak SAR (extrapolated) = 38.4 W/kg
SAR(1 g) = 4.72 W/kg; SAR(10 g) = 1.13 W/kg



0 dB = 17.6 W/kg



Enlarged Plot for A62

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

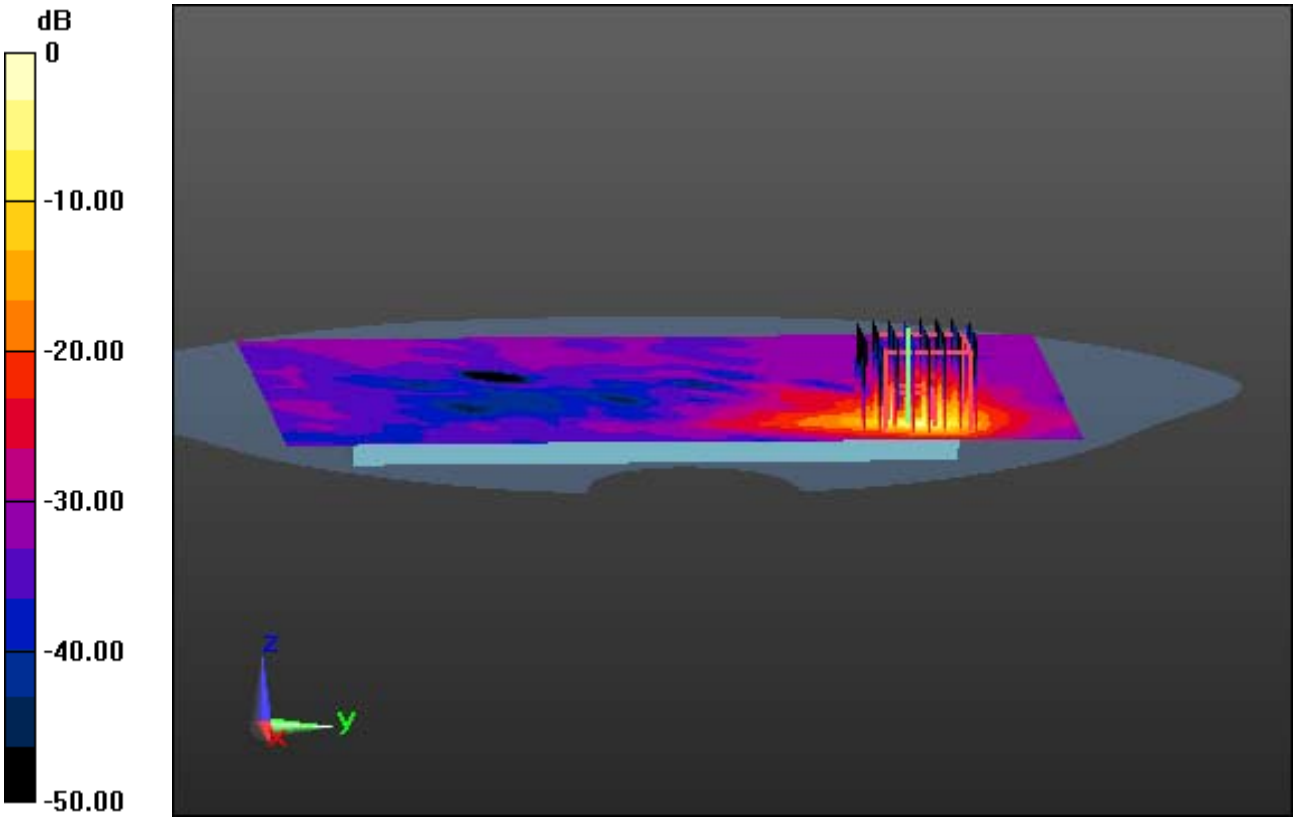
Communication System: UID 0, W-LAN 5G (0); Frequency: 5720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5720 MHz; σ = 6.077 S/m; ε_r = 47.812; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

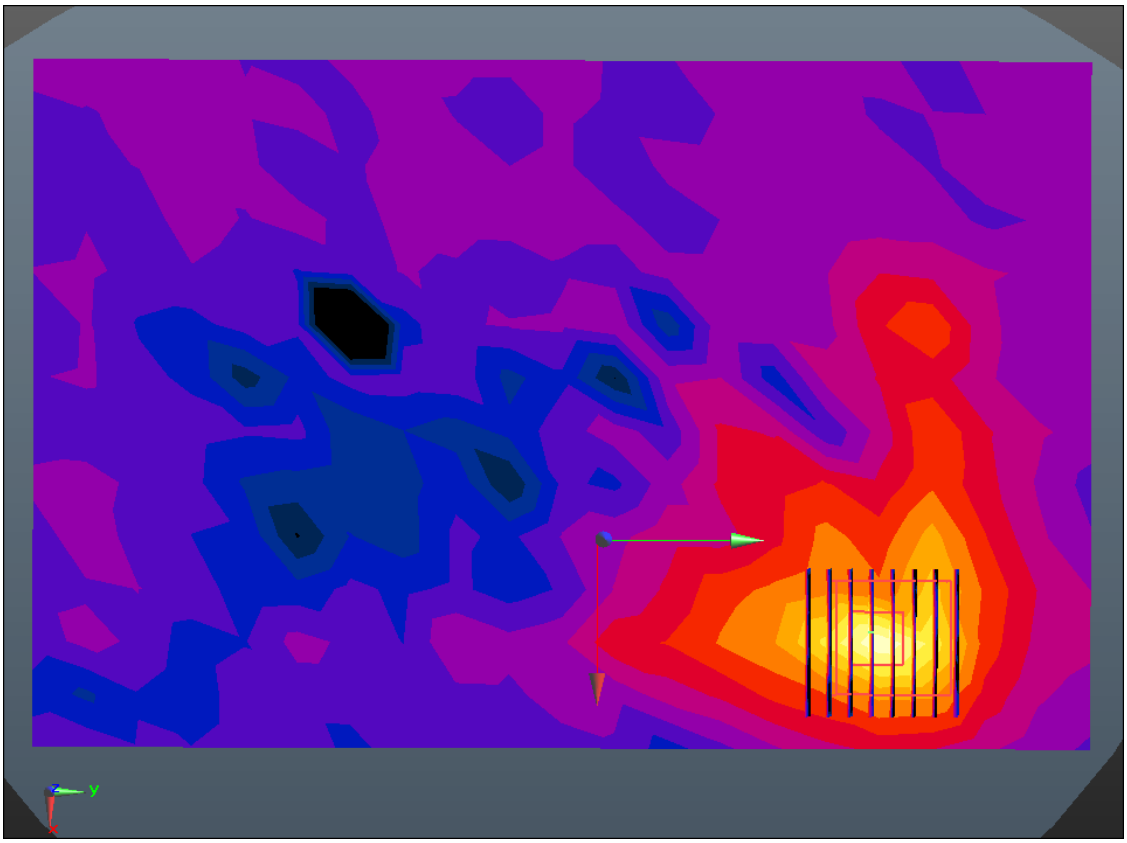
Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 55.0 W/kg
SAR(1 g) = 5.7 W/kg; SAR(10 g) = 1.06 W/kg



0 dB = 22.9 W/kg



Enlarged Plot for A63

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

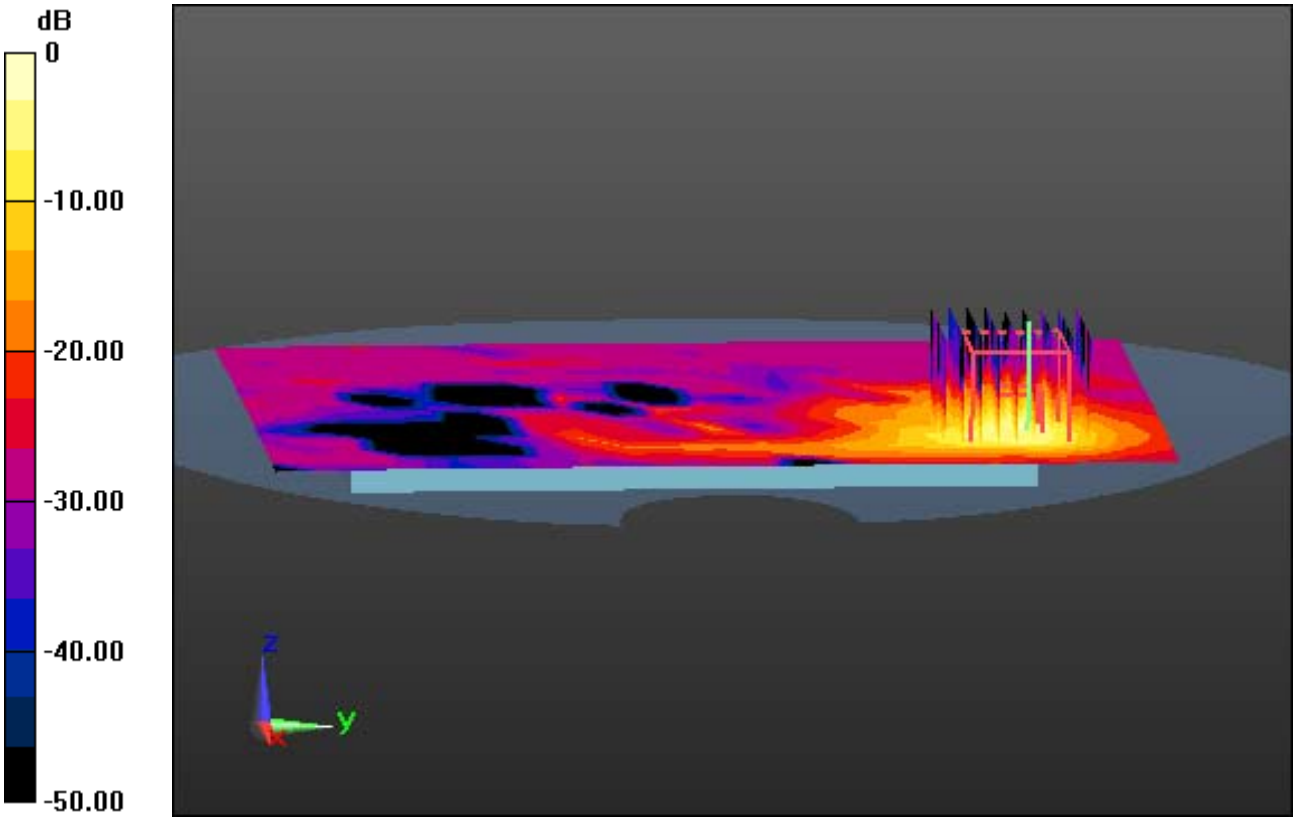
Communication System: UID 0, W-LAN 5G (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.994 S/m; ε_r = 47.917; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

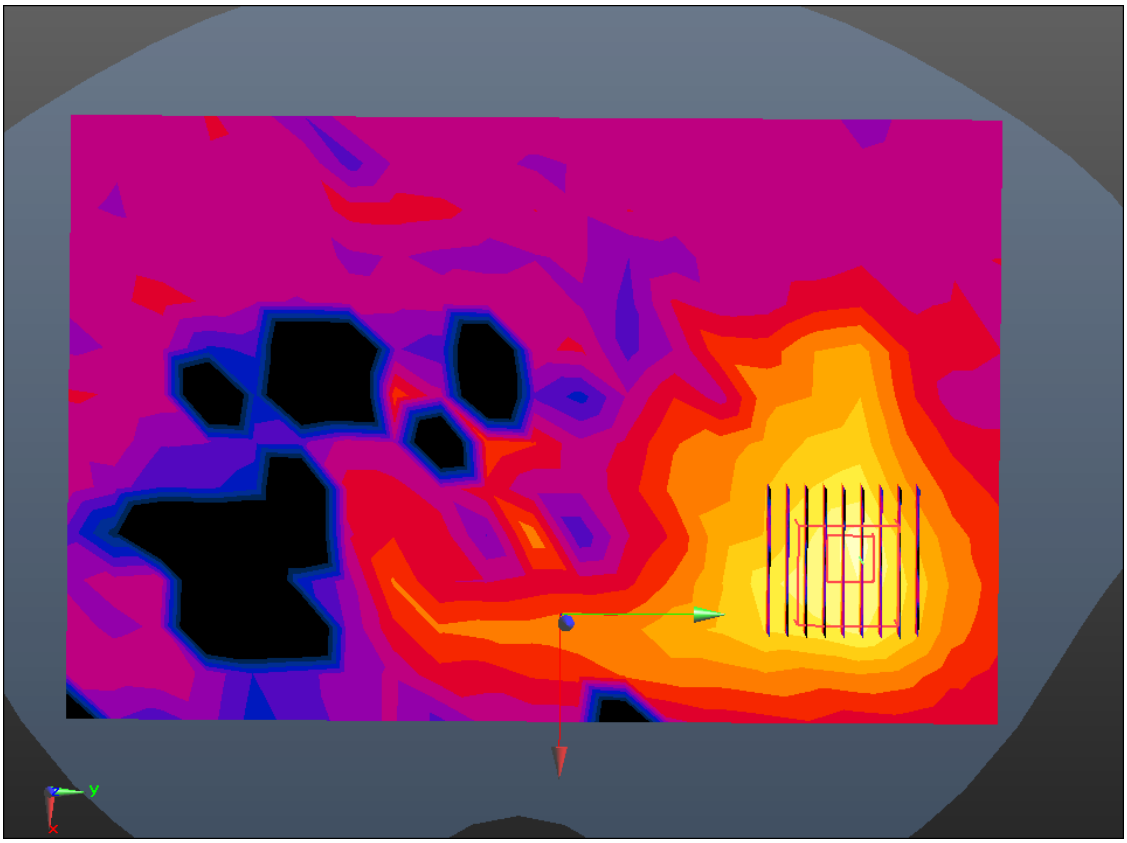
Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

Touch from Body, Rear, WLAN(802.11a) Ch. 132, Ant Internal, Ant.2

Area Scan (14x21x1): 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 = -0.06 dB
Peak SAR (extrapolated) = 13.8 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 0.560 W/kg



0 dB = 6.68 W/kg



Enlarged Plot for A64

DUT: LM-V350EM; Type: Bar

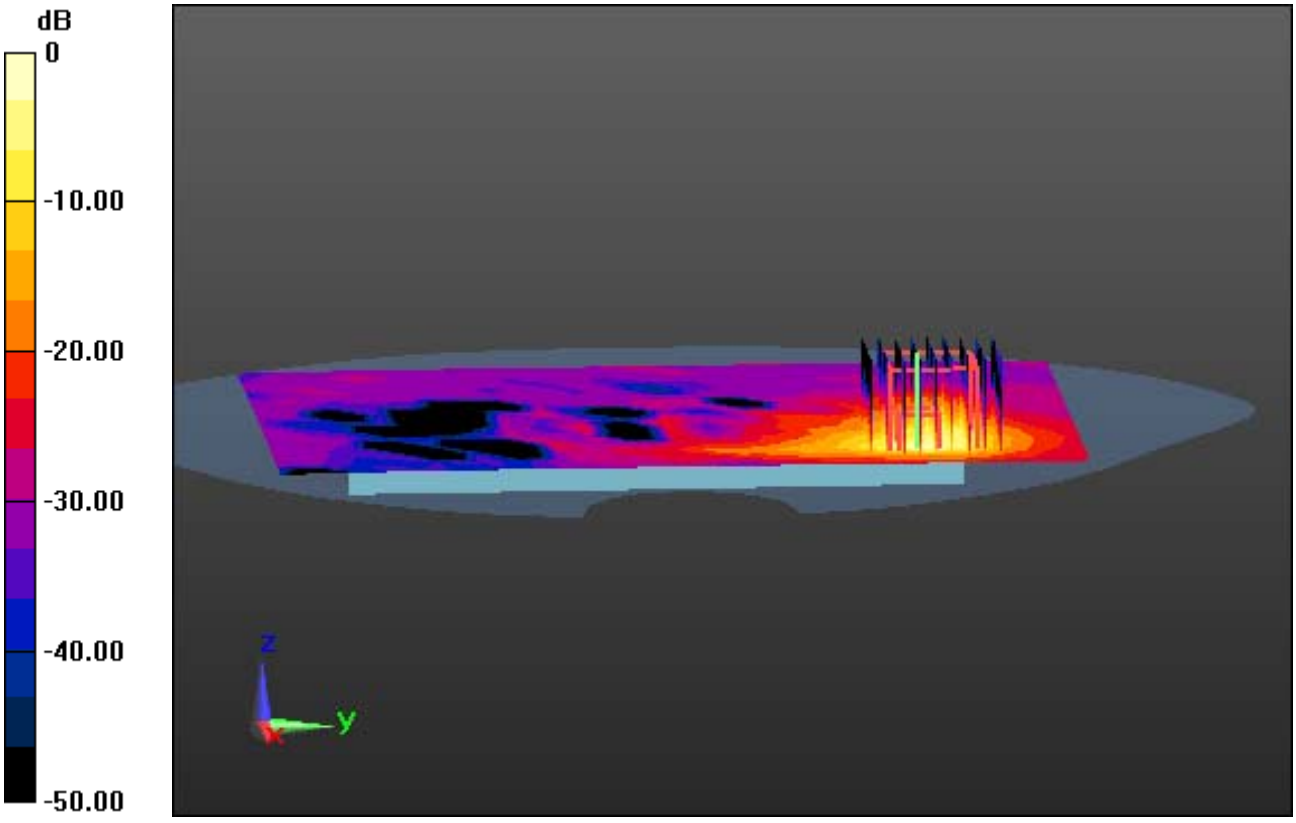
Communication System: UID 0, W-LAN 5G (0); Frequency: 5660 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.994 S/m; ε_r = 47.917; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.22, 4.22, 4.22); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

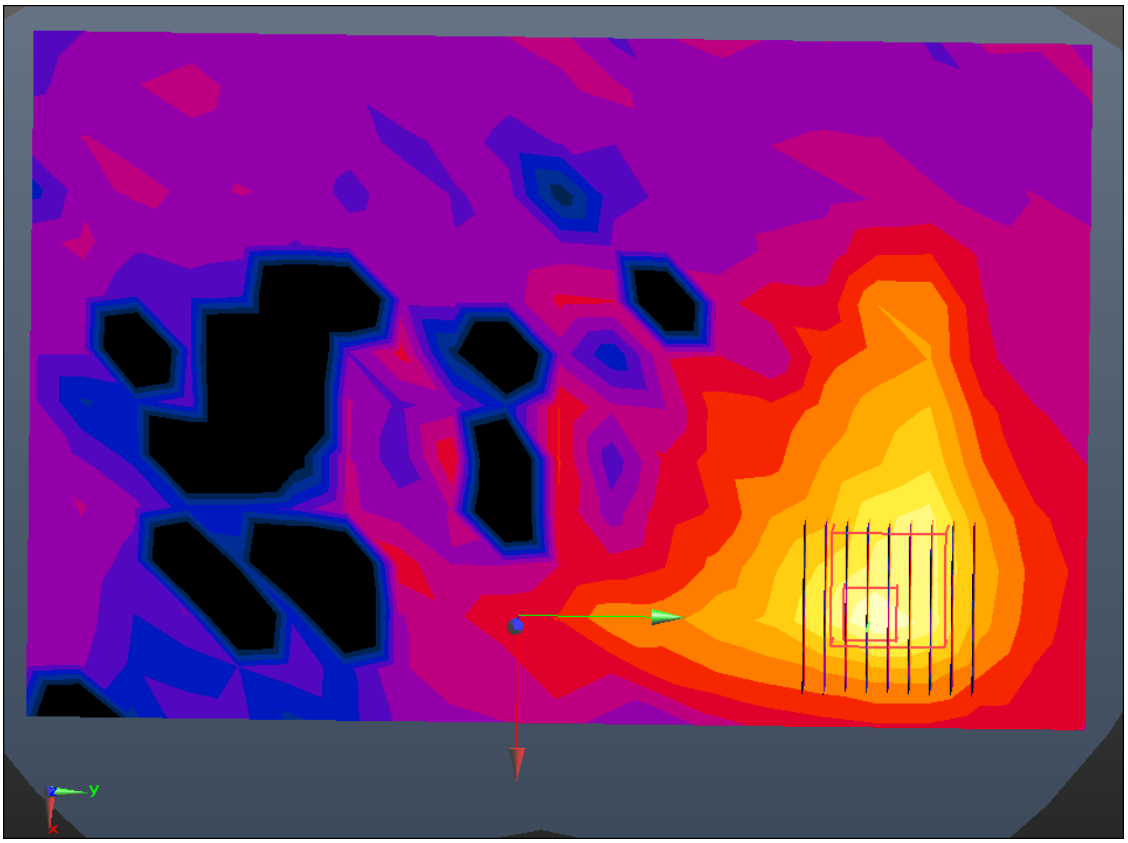
Test Date: 2018-04-02; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (14x21x1): 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 = -0.00 dB
Peak SAR (extrapolated) = 37.7 W/kg
SAR(1 g) = 4.86 W/kg; SAR(10 g) = 1.32 W/kg



0 dB = 14.9 W/kg



Enlarged Plot for A65

DUT: LM-V350EM; Type: Bar

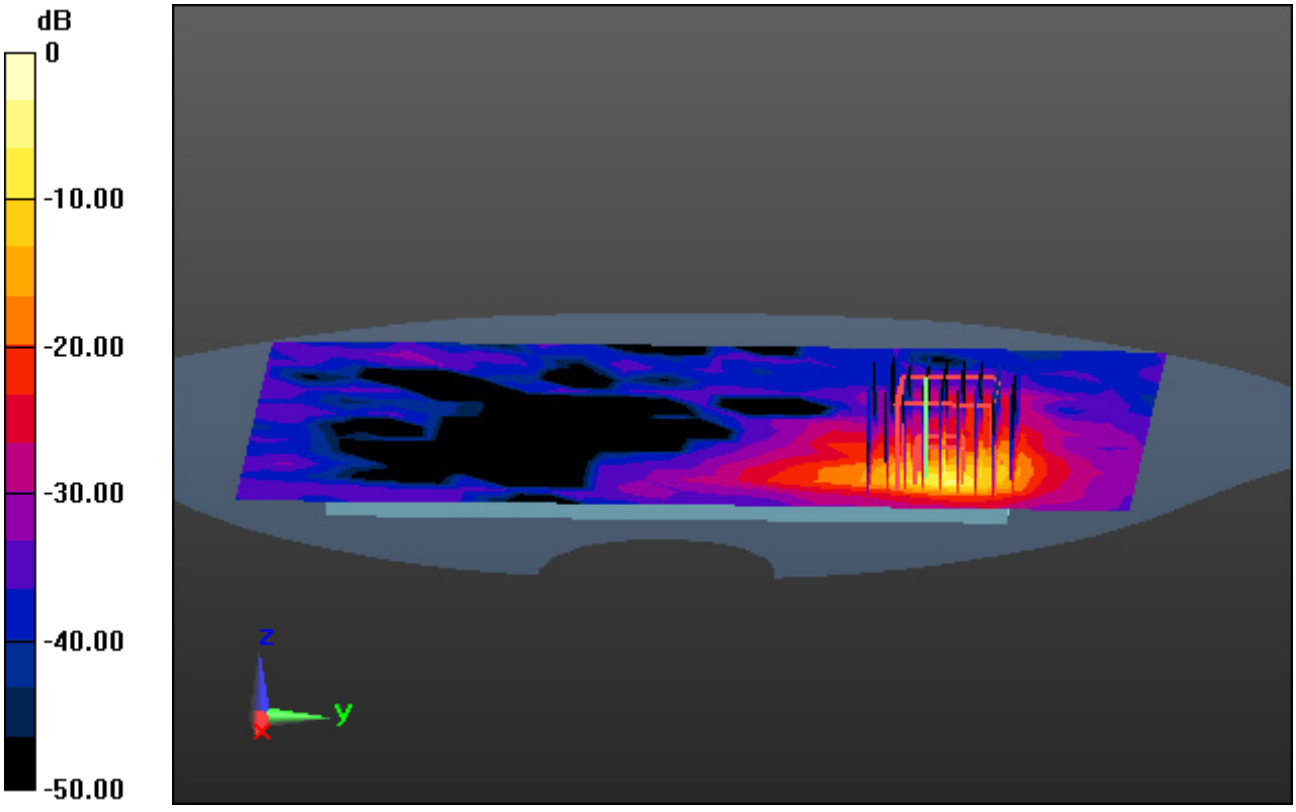
Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.218 S/m; ε_r = 47.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

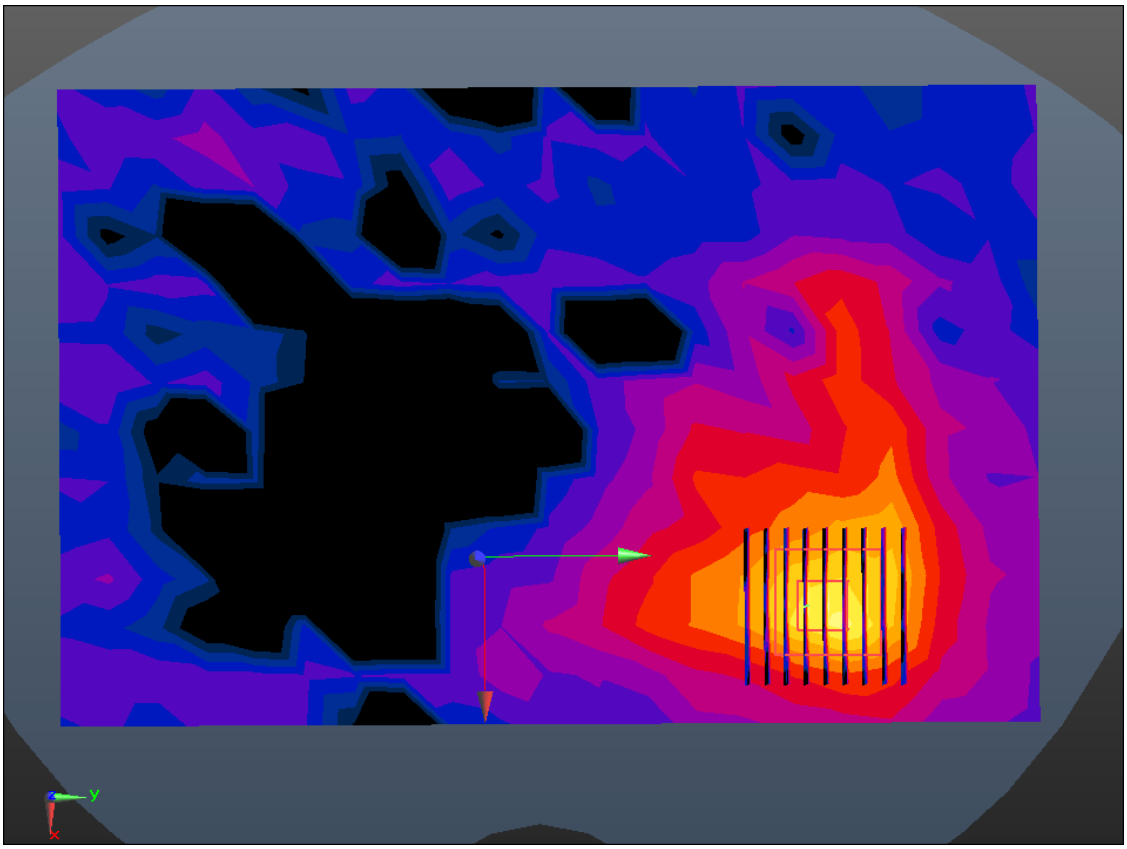
Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

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

Area Scan (14x21x1): 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 = -0.02 dB
Peak SAR (extrapolated) = 50.9 W/kg
SAR(1 g) = 5.17 W/kg; SAR(10 g) = 0.993 W/kg



0 dB = 22.6 W/kg



Enlarged Plot for A66

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

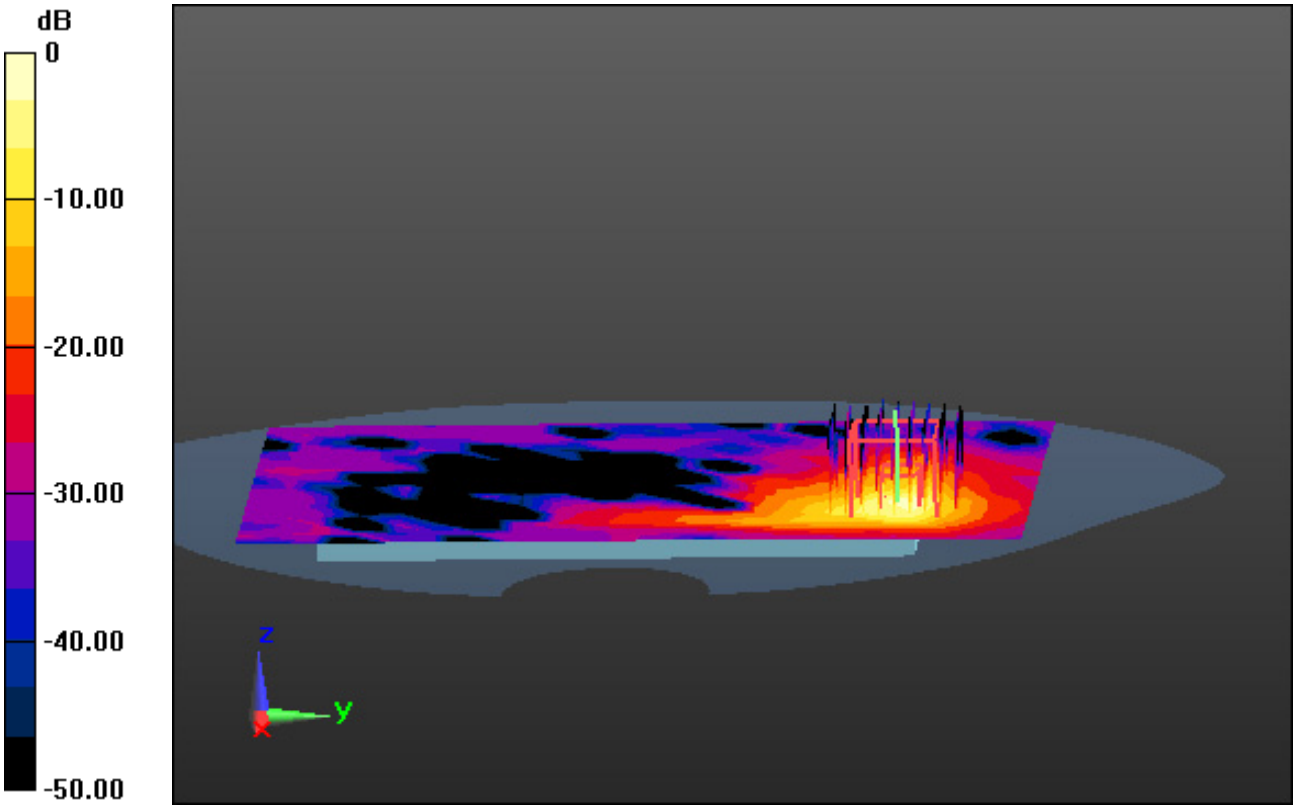
Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.218 S/m; ε_r = 47.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

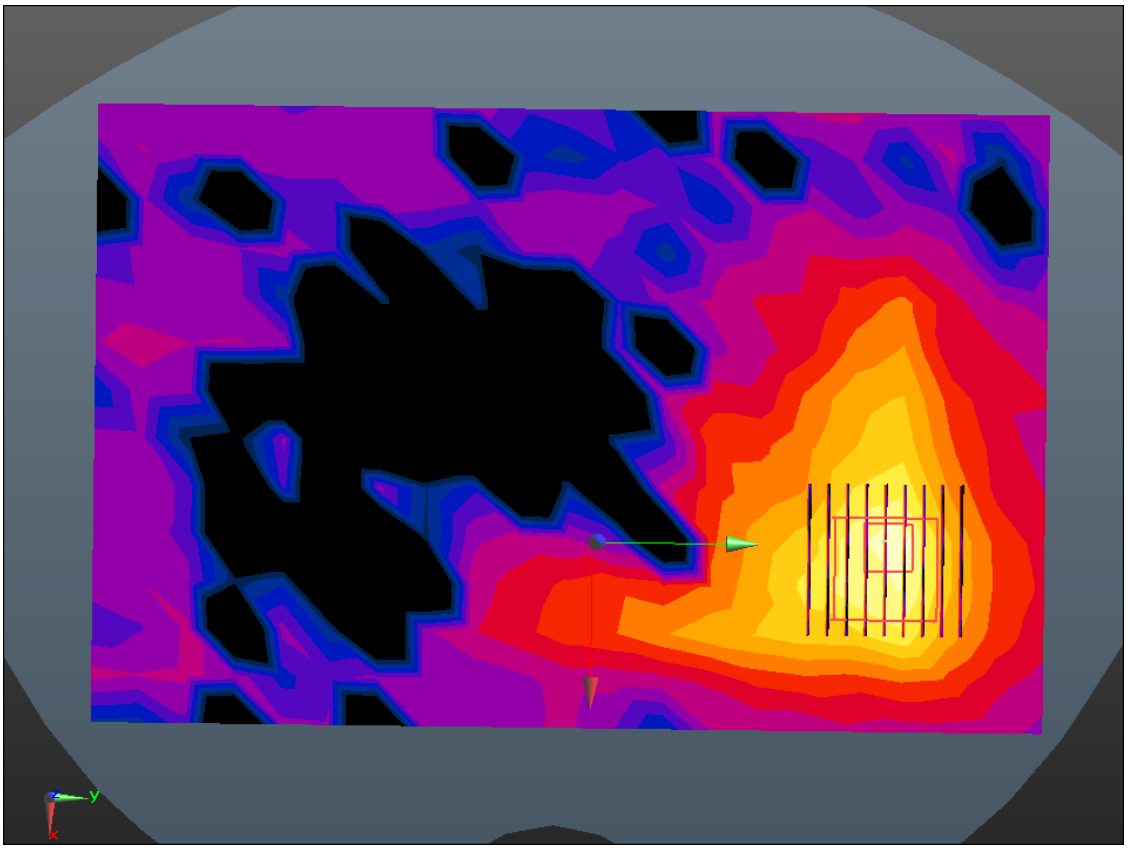
Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

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

Area Scan (14x21x1): 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 = 0.06 dB
Peak SAR (extrapolated) = 15.6 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 0.636 W/kg



0 dB = 7.32 W/kg



Enlarged Plot for A67

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

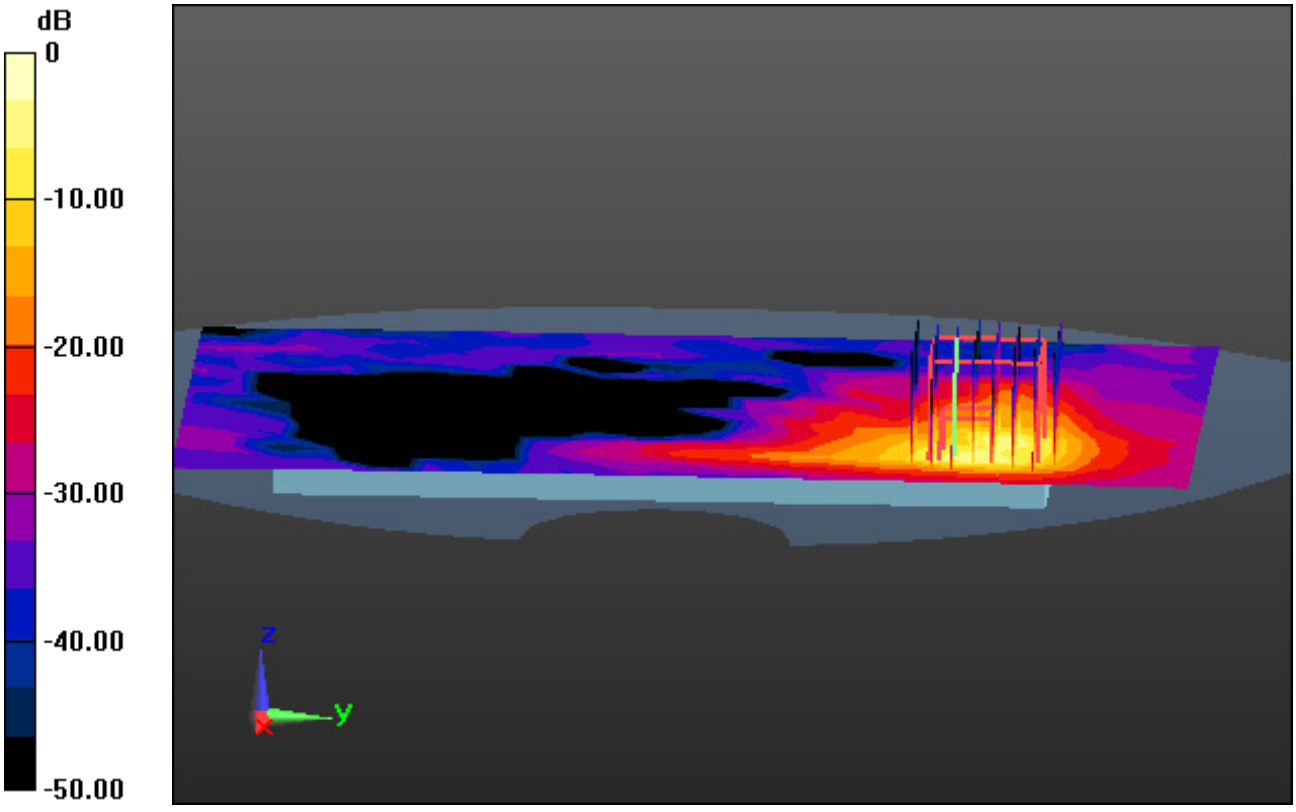
Communication System: UID 0, W-LAN 5G (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 6.218 S/m; ε_r = 47.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.33, 4.33, 4.33); Calibrated: 7/26/2017; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2016_07_22_middle; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

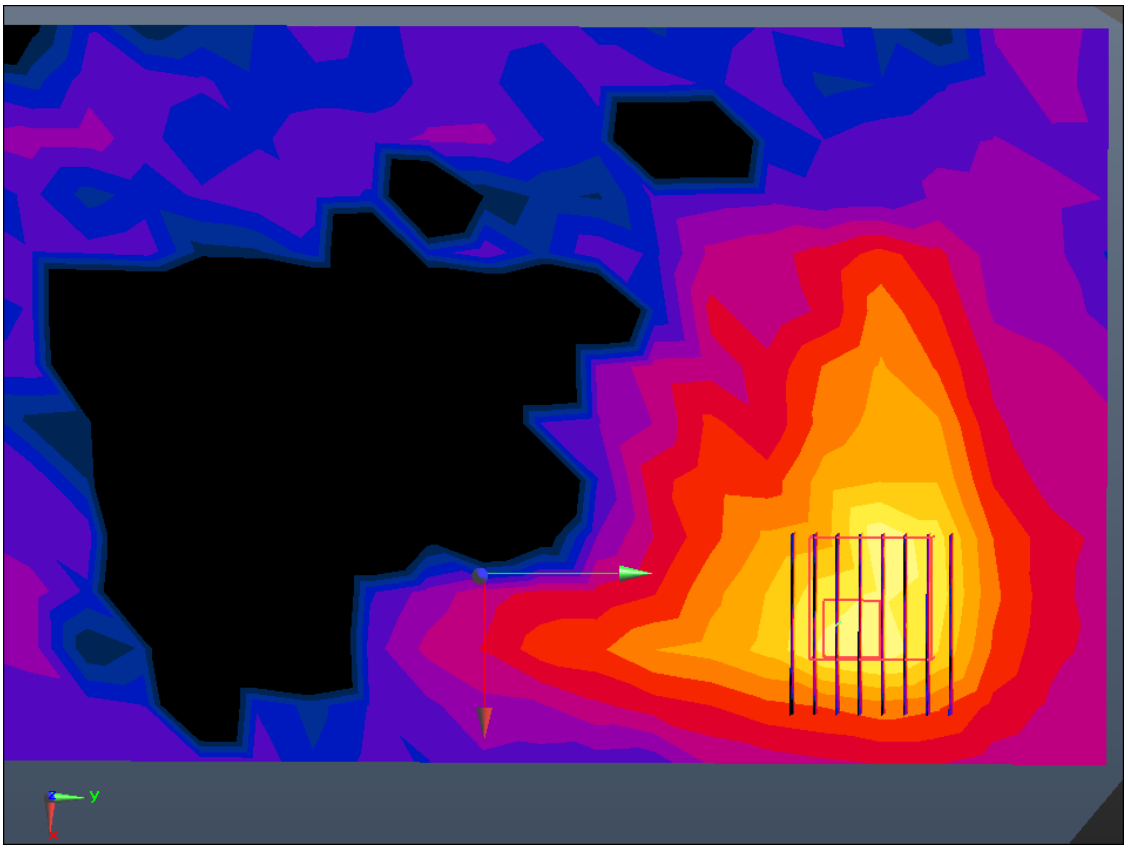
Test Date: 2018-04-04; Ambient Temp: 21.2; Tissue Temp: 21.7

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

Area Scan (14x21x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.09 dB
Peak SAR (extrapolated) = 37.9 W/kg
SAR(1 g) = 4.47 W/kg; SAR(10 g) = 1.29 W/kg



0 dB = 17.2 W/kg



Enlarged Plot for A68

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.898 S/m; ε_r = 40.412; ρ = 1000 kg/m^3
Phantom section: Right Section

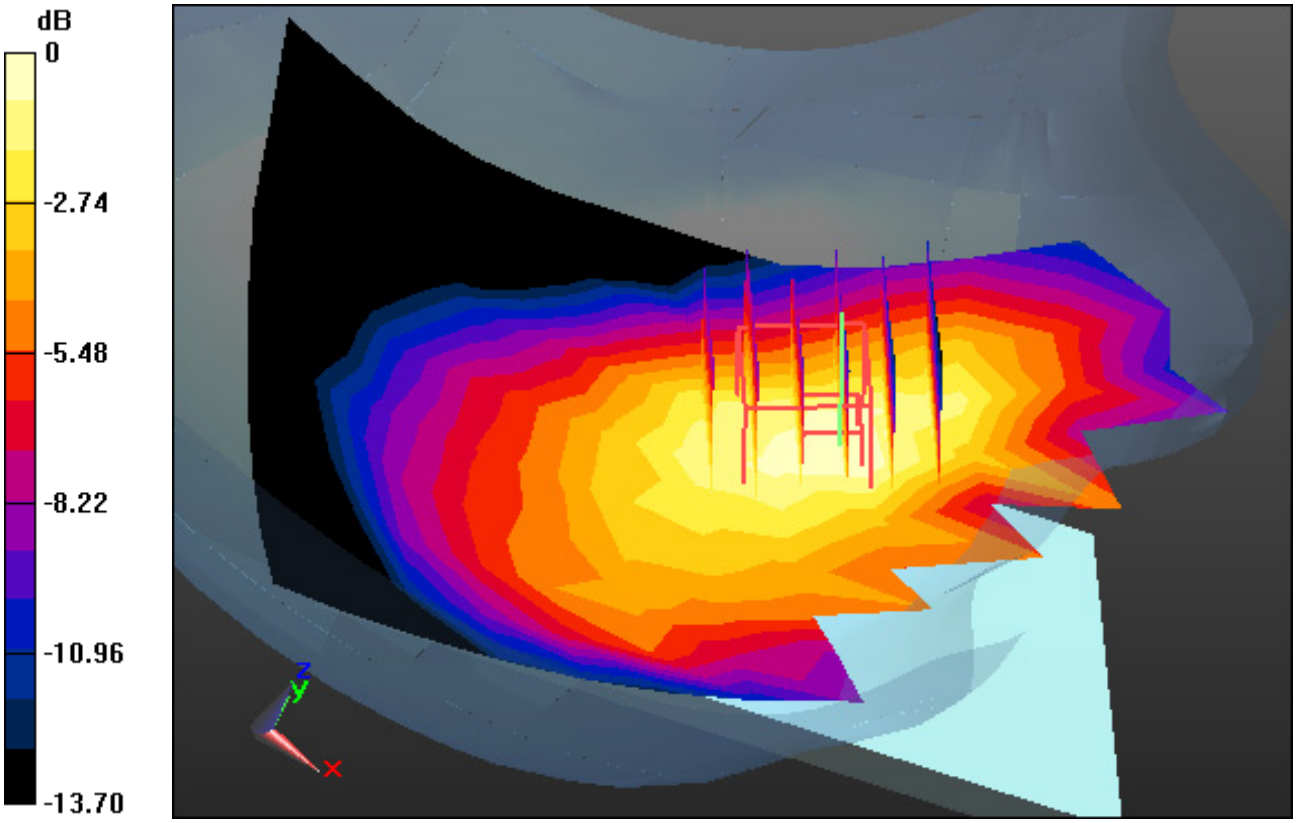
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(11.05, 11.05, 11.05); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

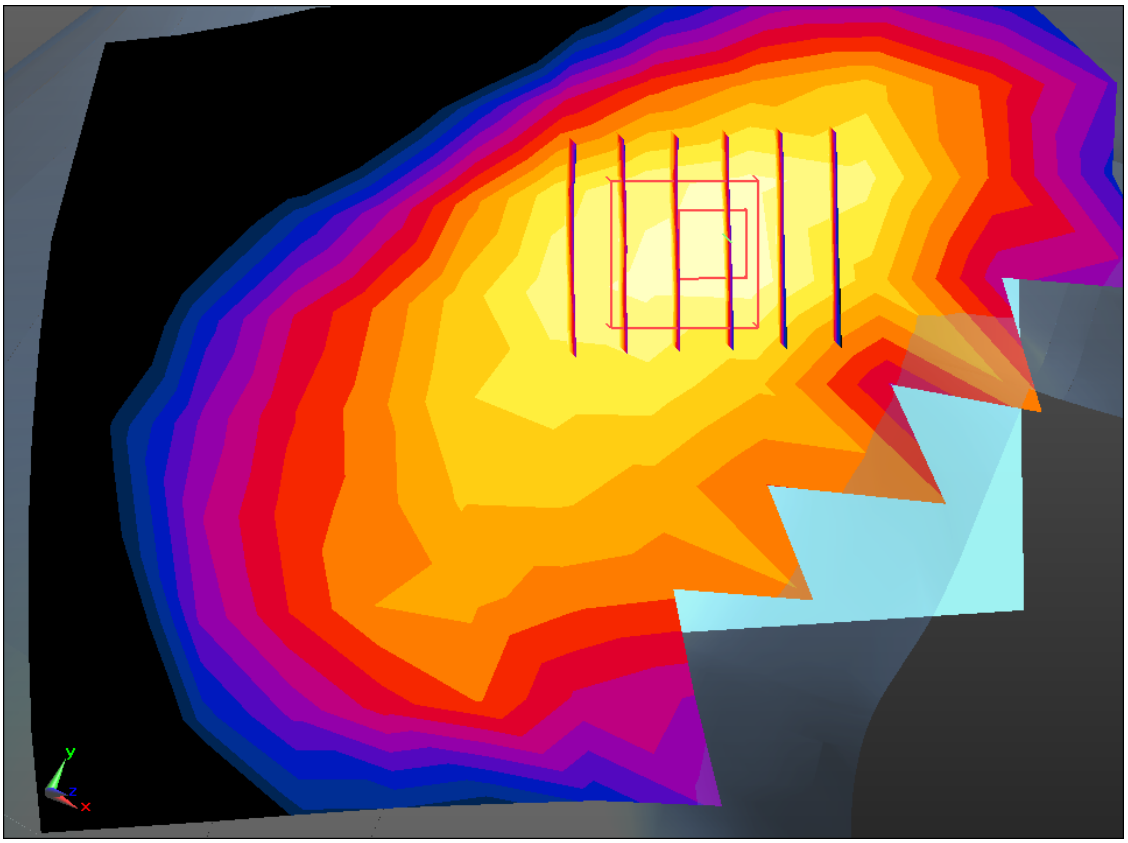
Right Touch, LTE Band 13 Ch. 23230, Ant Internal, Standard Battery

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

Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.098 W/kg



0 dB = 0.181 W/kg



Enlarged Plot for A69

DT&C Co., Ltd.

DUT: LM-V350EM; Type: Bar

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.96 S/m; ε_r = 53.721; ρ = 1000 kg/m^3
Phantom section: Flat Section

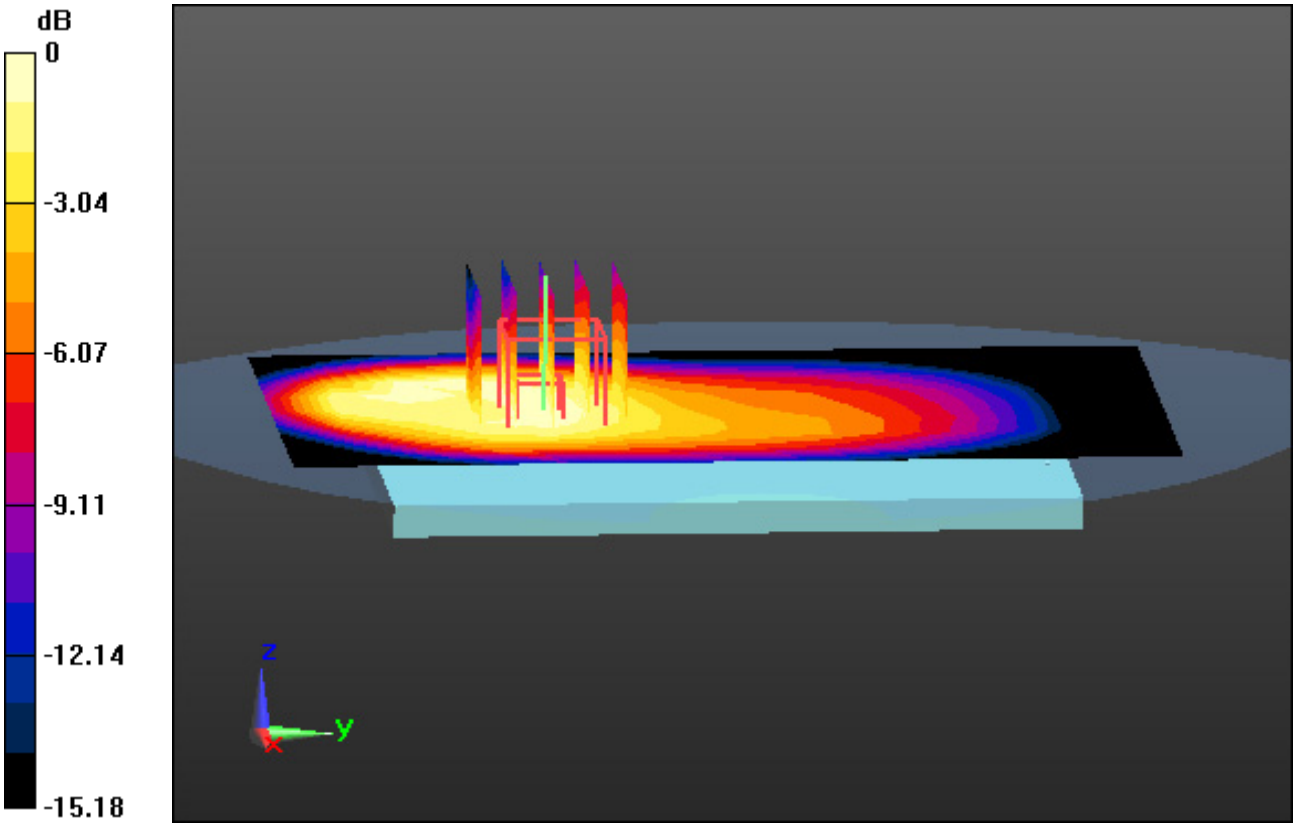
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.86, 10.86, 10.86); Calibrated: 9/28/2017; Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

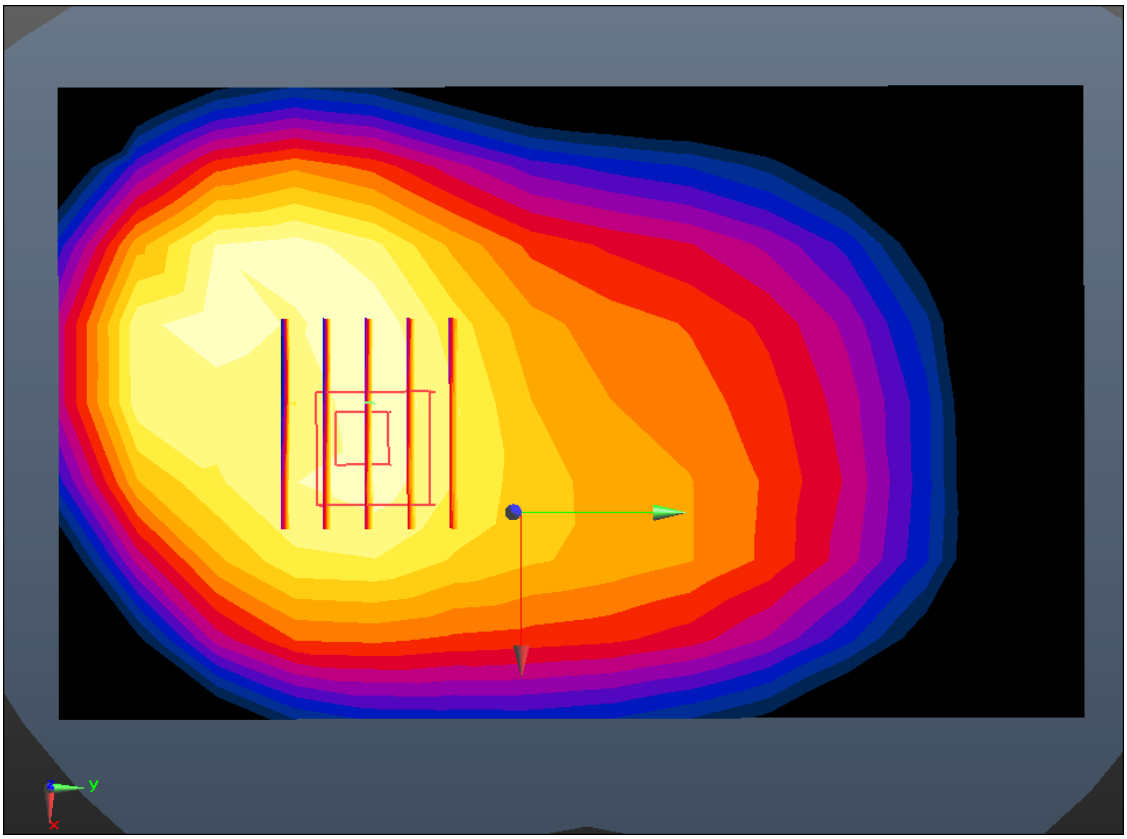
1 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal

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

Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.327 W/kg



0 dB = 0.620 W/kg



Enlarged Plot for A70