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; σ = 0.931 S/m; ε_r = 56.28; ρ = 1000 kg/m^3
Phantom section: Flat Section

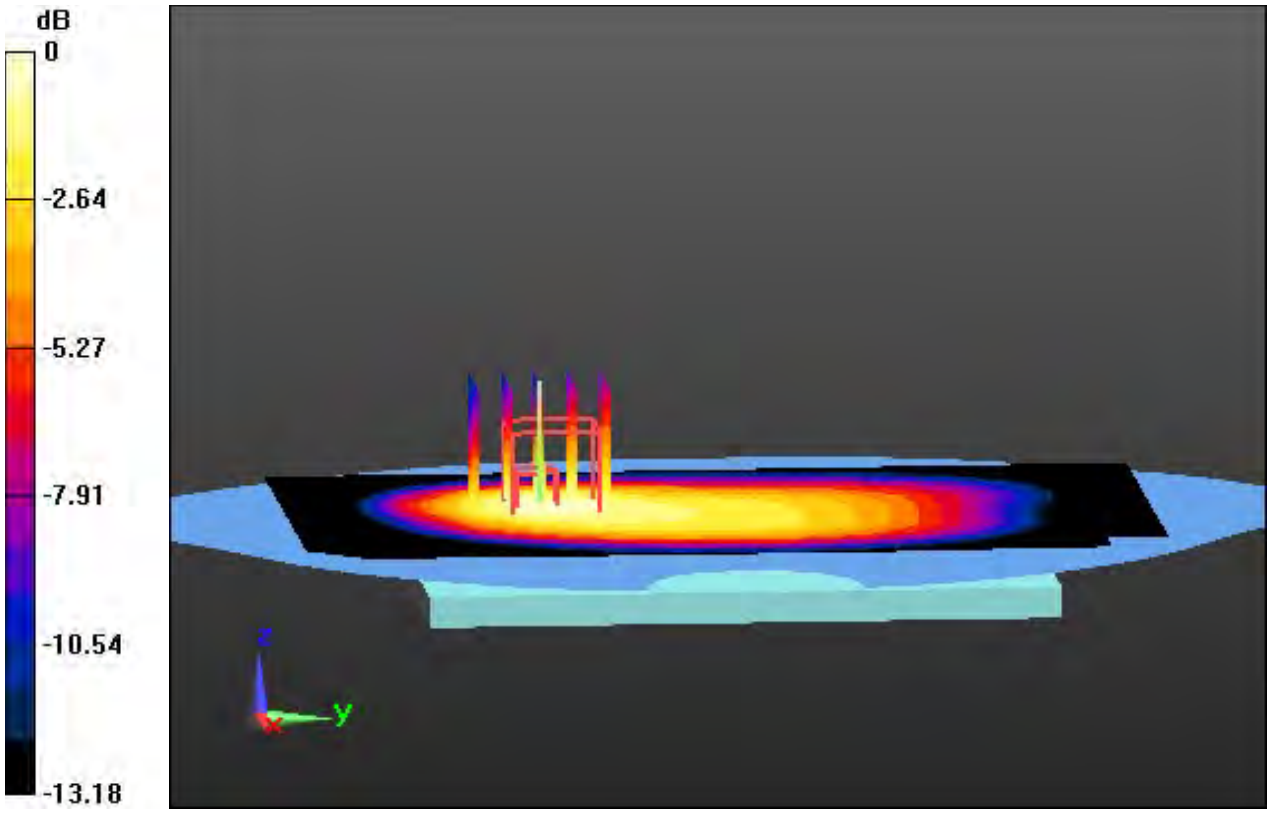
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.43, 10.43, 10.43) @ 707.5 MHz; Calibrated: 2018-09-25
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-04-03; Ambient Temp: 22.1; Tissue Temp: 21.9

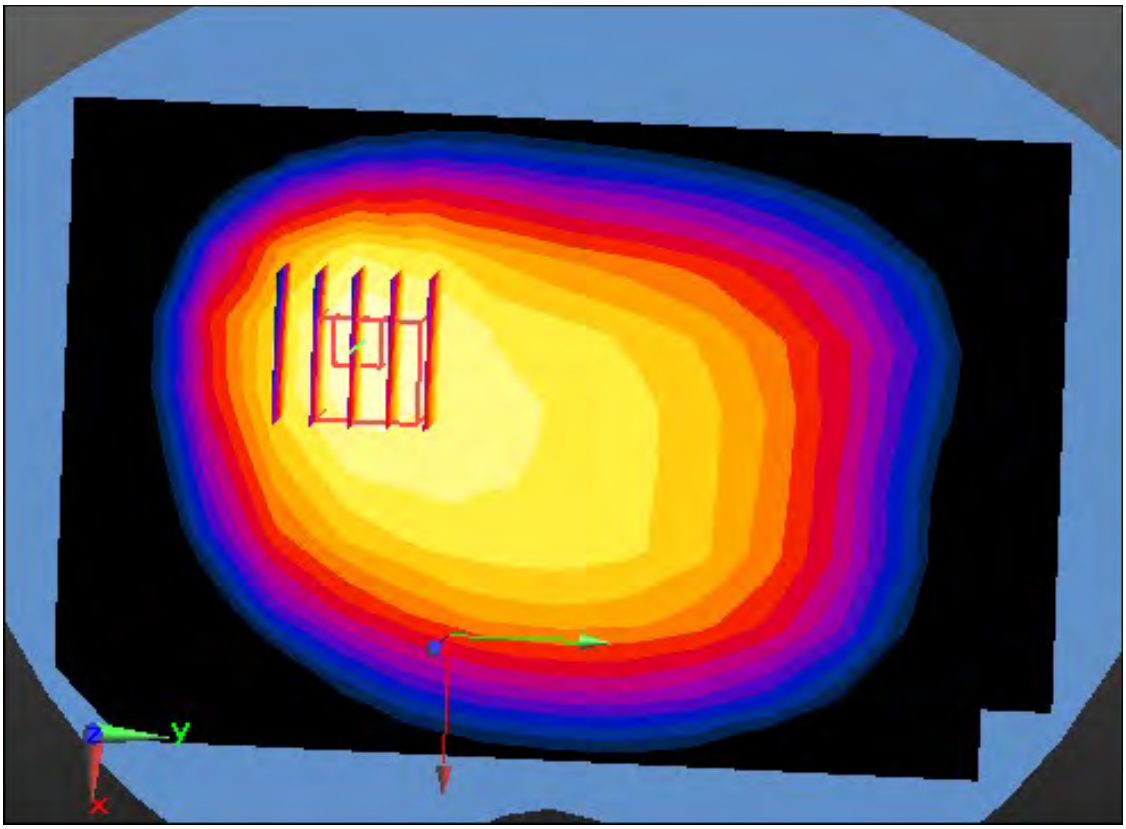
1 cm space from Body, Rear, LTE Band 12 Ch. 23095, Ant Internal

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

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.266 W/kg



0 dB = 0.463 W/kg



Enlarged Plot for A40

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 MHz; σ = 0.996 S/m; ε_r = 55.654; ρ = 1000 kg/m^3
Phantom section: Flat Section

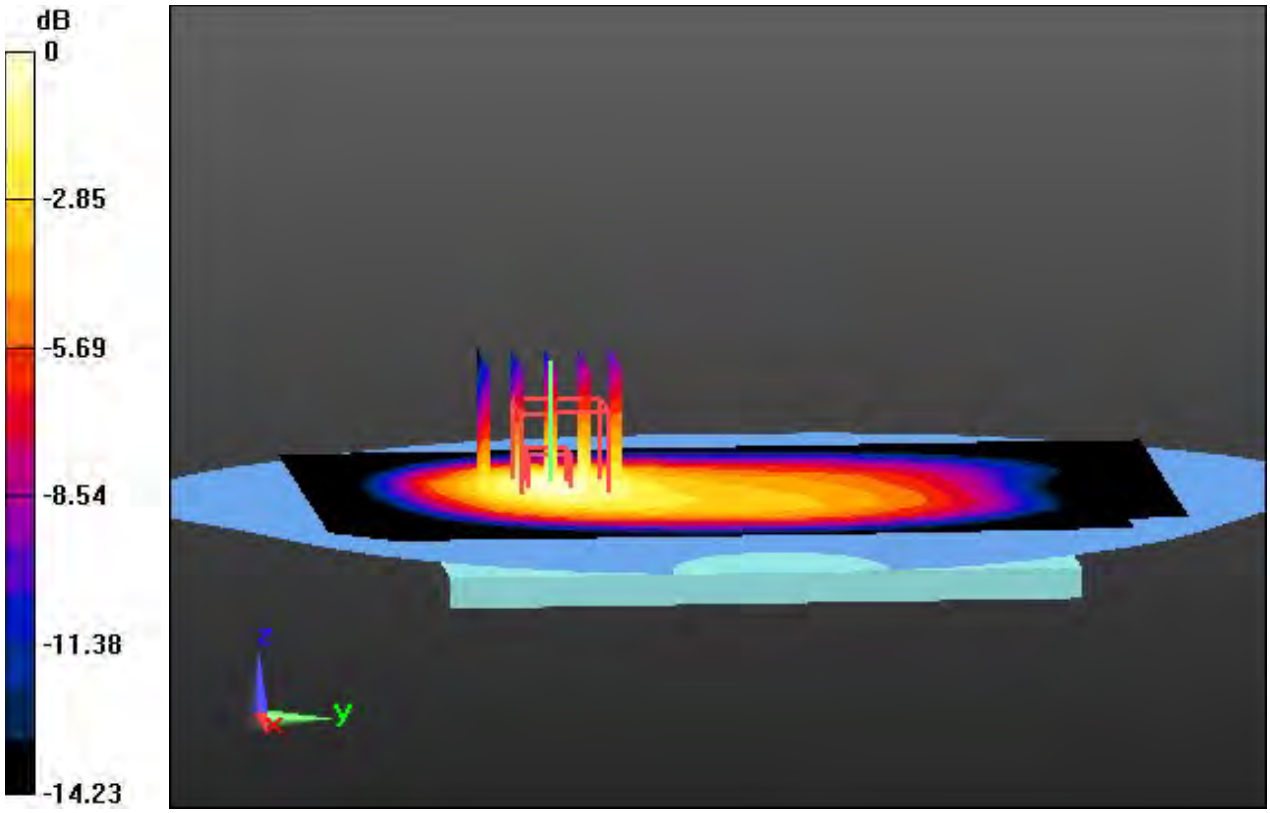
DASY5 Configuration:
Probe: EX3DV4 - SN3933; ConvF(10.43, 10.43, 10.43) @ 782 MHz; Calibrated: 2018-09-25
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-04-04; Ambient Temp: 22.1; Tissue Temp: 21.8

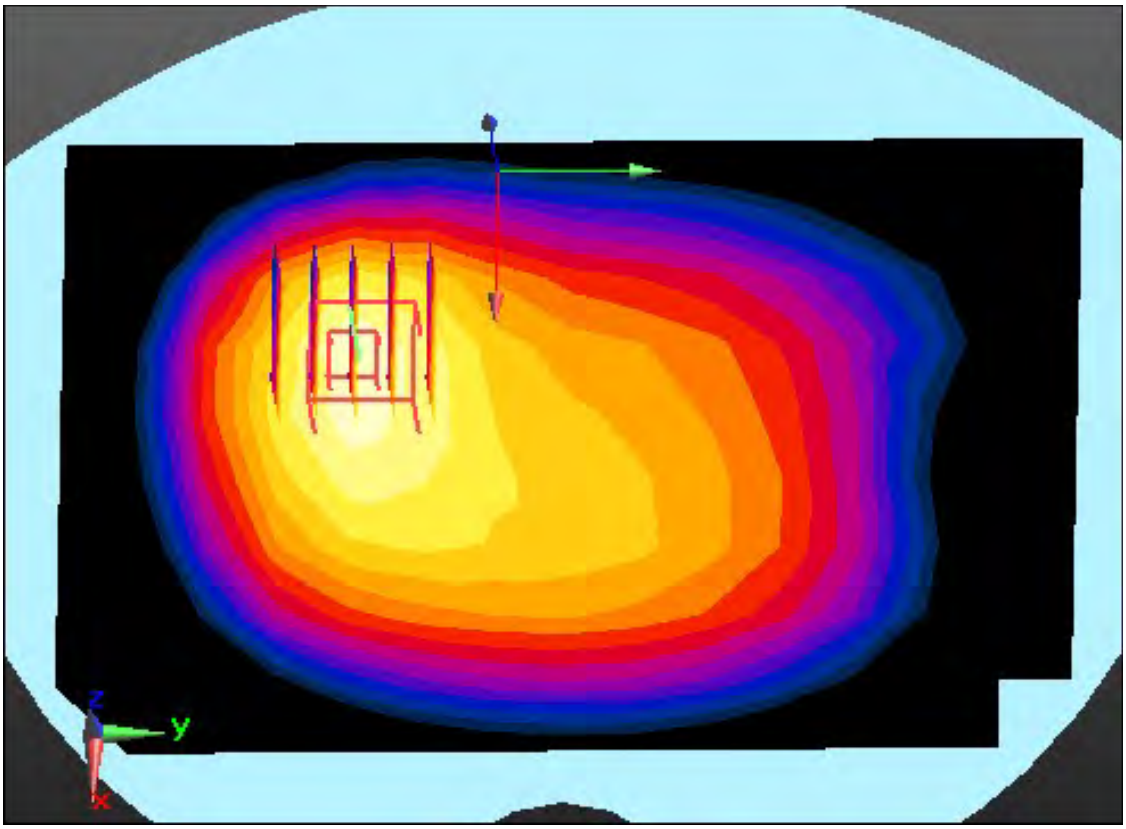
1 cm space from Body, Rear, LTE Band 13 Ch. 23230, Ant Internal

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

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.583 W/kg
SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.265 W/kg



0 dB = 0.487 W/kg



Enlarged Plot for A41

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; σ = 0.974 S/m; ε_r = 54.137; ρ = 1000 kg/m^3
Phantom section: Flat Section

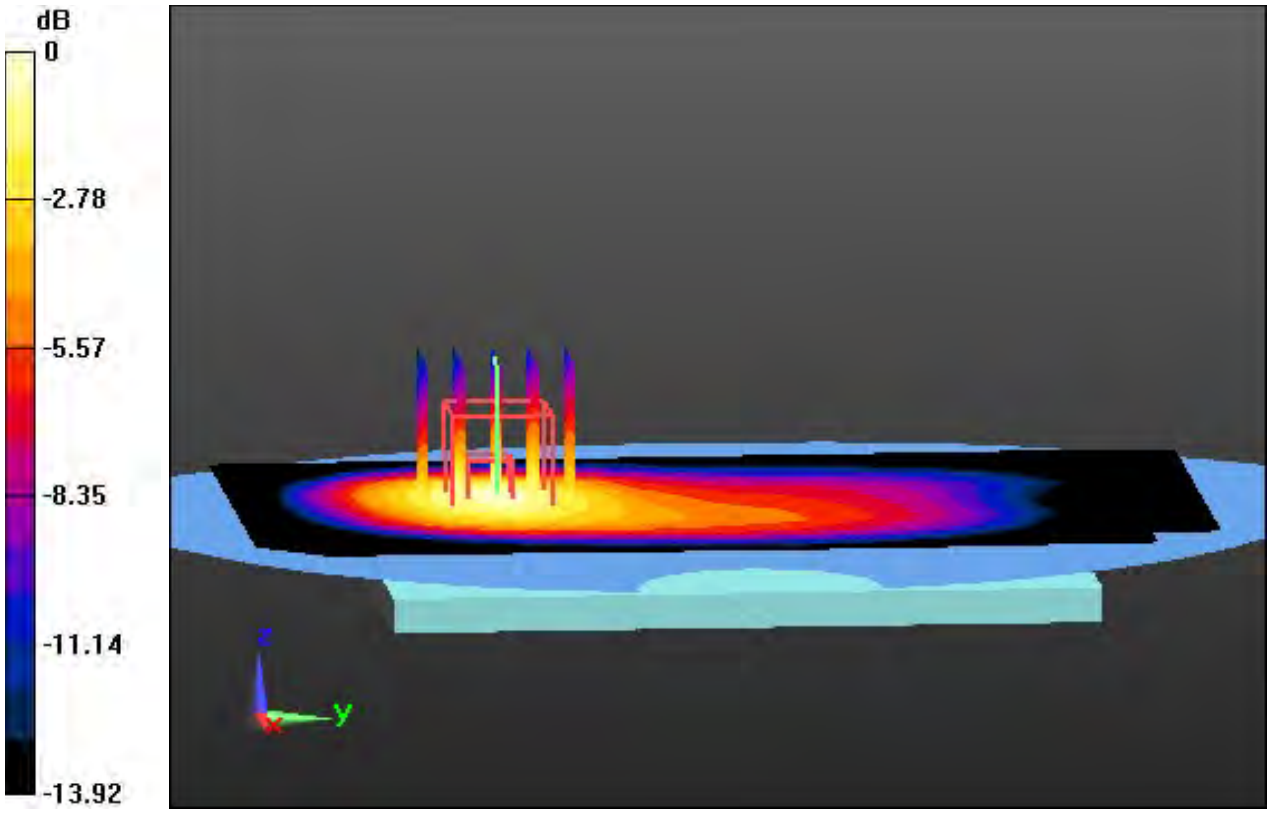
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 831.5 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-04-02; Ambient Temp: 22.3; Tissue Temp: 22.1

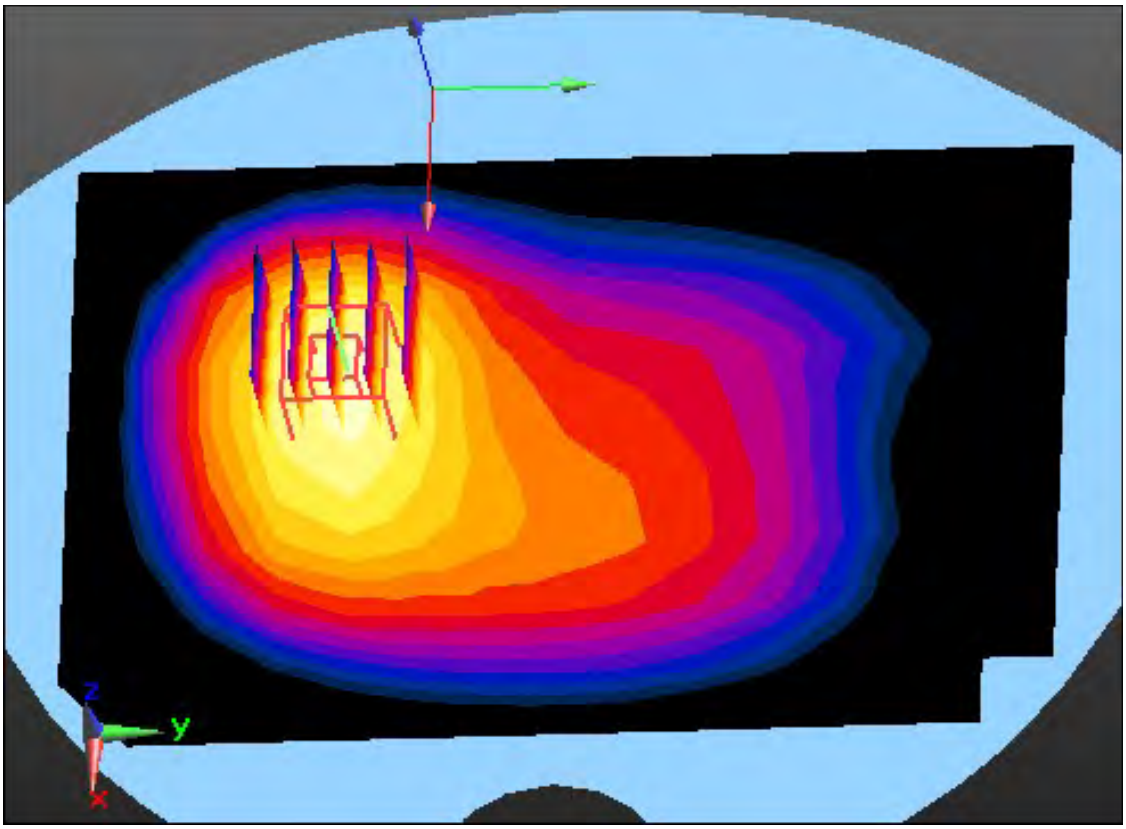
1 cm space from Body, Rear, LTE Band 26 Ch. 26865, Ant Internal

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

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.266 W/kg



0 dB = 0.512 W/kg



Enlarged Plot for A42

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; σ = 0.98 S/m; ε_r = 54.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

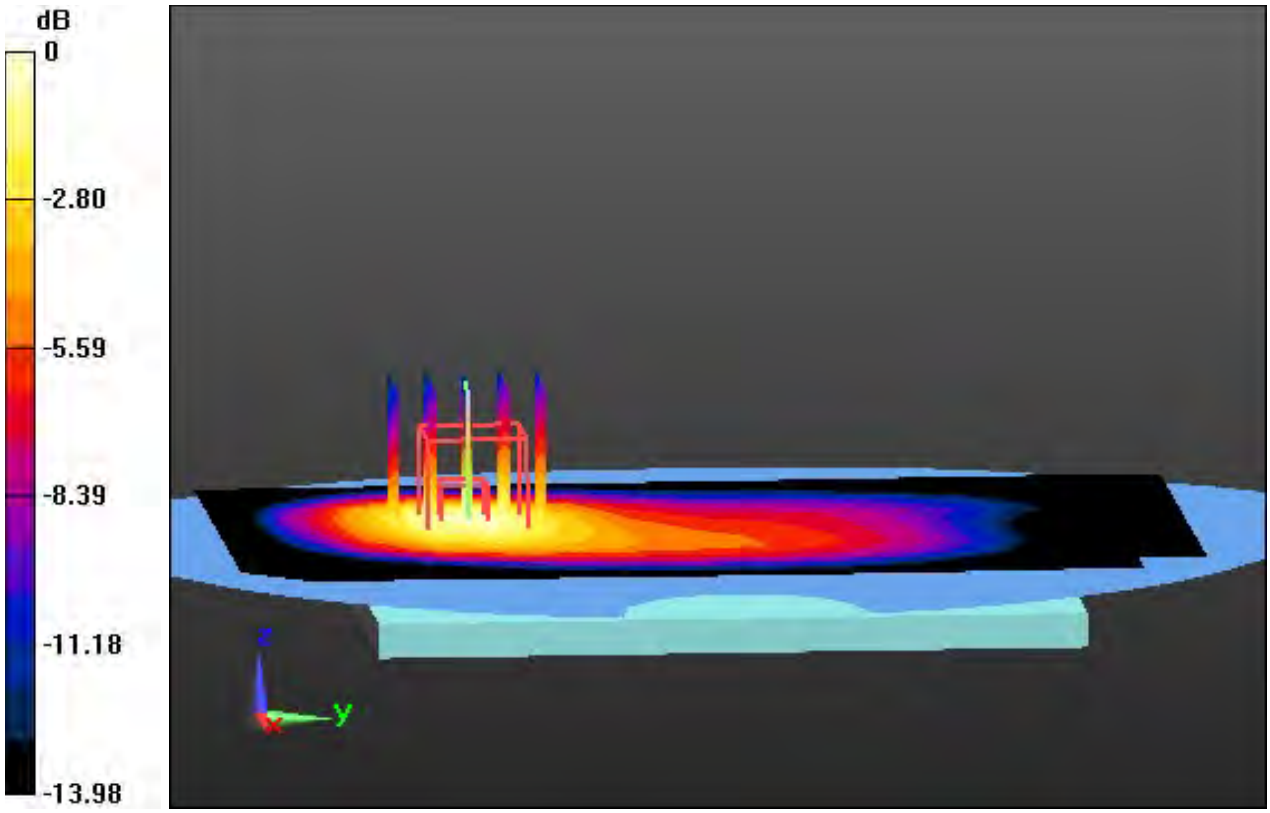
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(10.23, 10.23, 10.23) @ 836.5 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Test Date: 2019-04-02; Ambient Temp: 22.3; Tissue Temp: 22.1

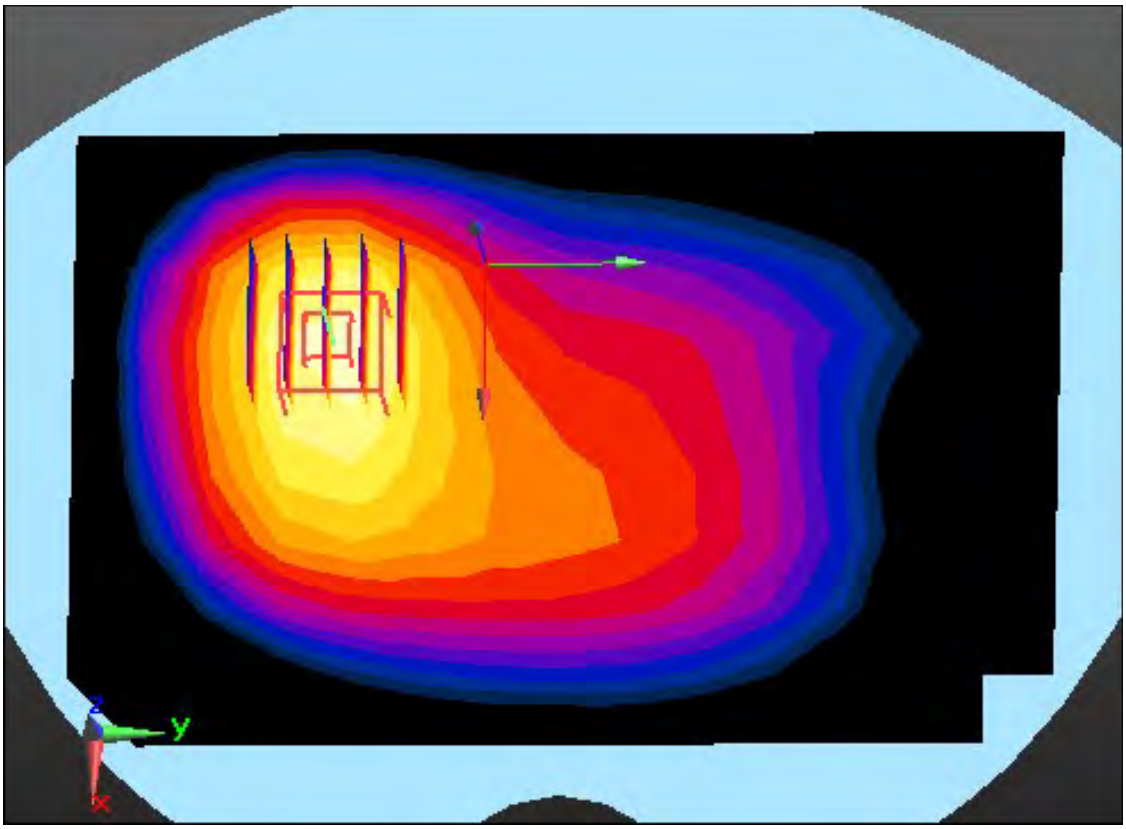
1 cm space from Body, Rear, LTE Band 5 Ch. 20525, Ant Internal

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

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.258 W/kg



0 dB = 0.505 W/kg



Enlarged Plot for A43

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; σ = 1.502 S/m; ε_r = 55.252; ρ = 1000 kg/m^3
Phantom section: Flat Section

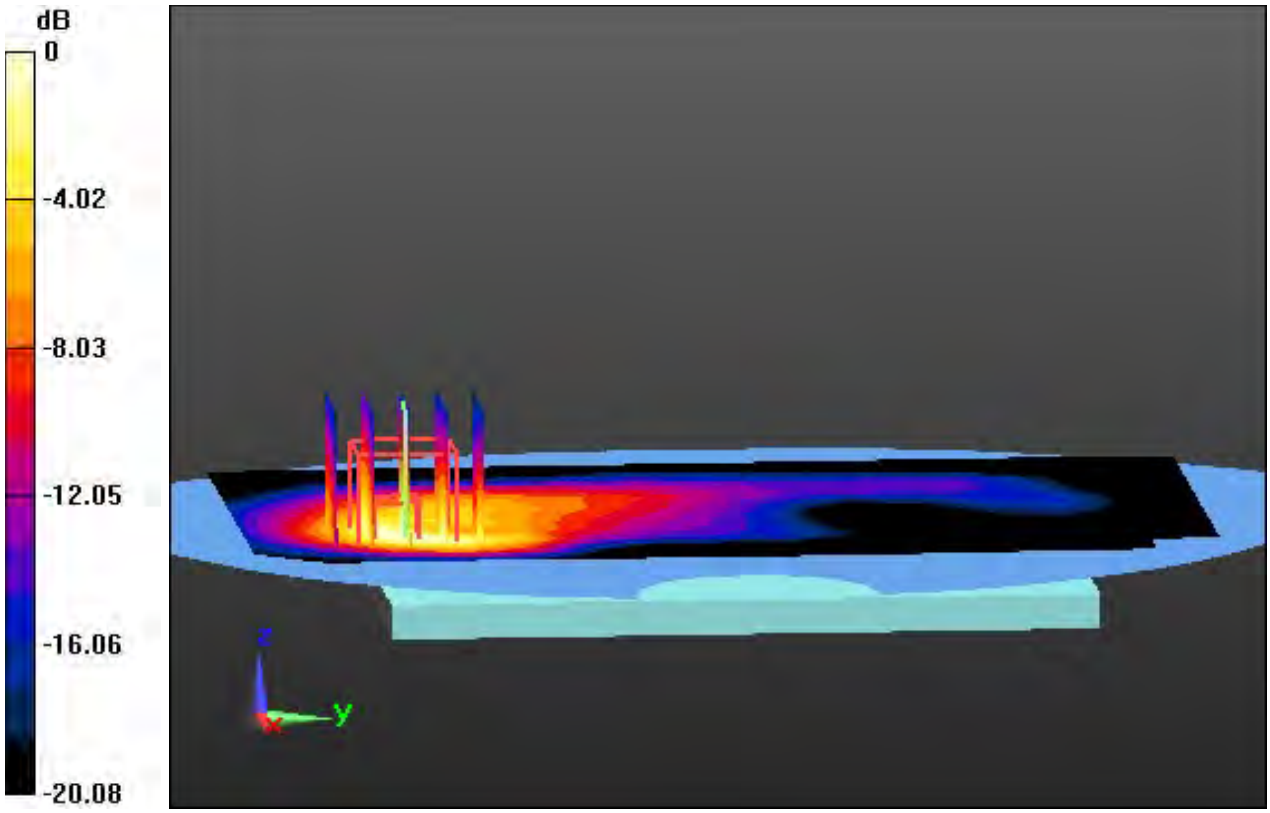
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.42, 8.42, 8.42) @ 1770 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

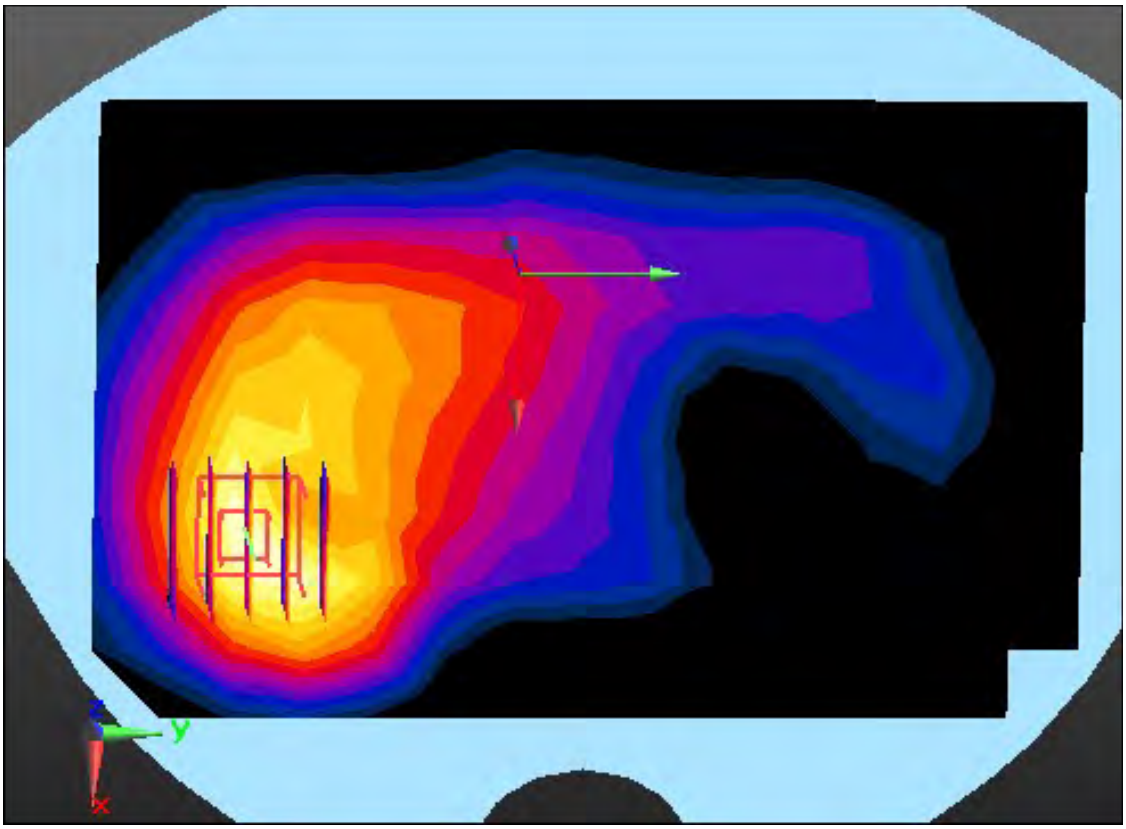
1 cm space from Body, Rear, LTE Band 66 Ch. 132572, Ant Internal

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

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.911 W/kg
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.266 W/kg



0 dB = 0.727 W/kg



Enlarged Plot for A44

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; σ = 1.498 S/m; ε_r = 55.342; ρ = 1000 kg/m^3
Phantom section: Flat Section

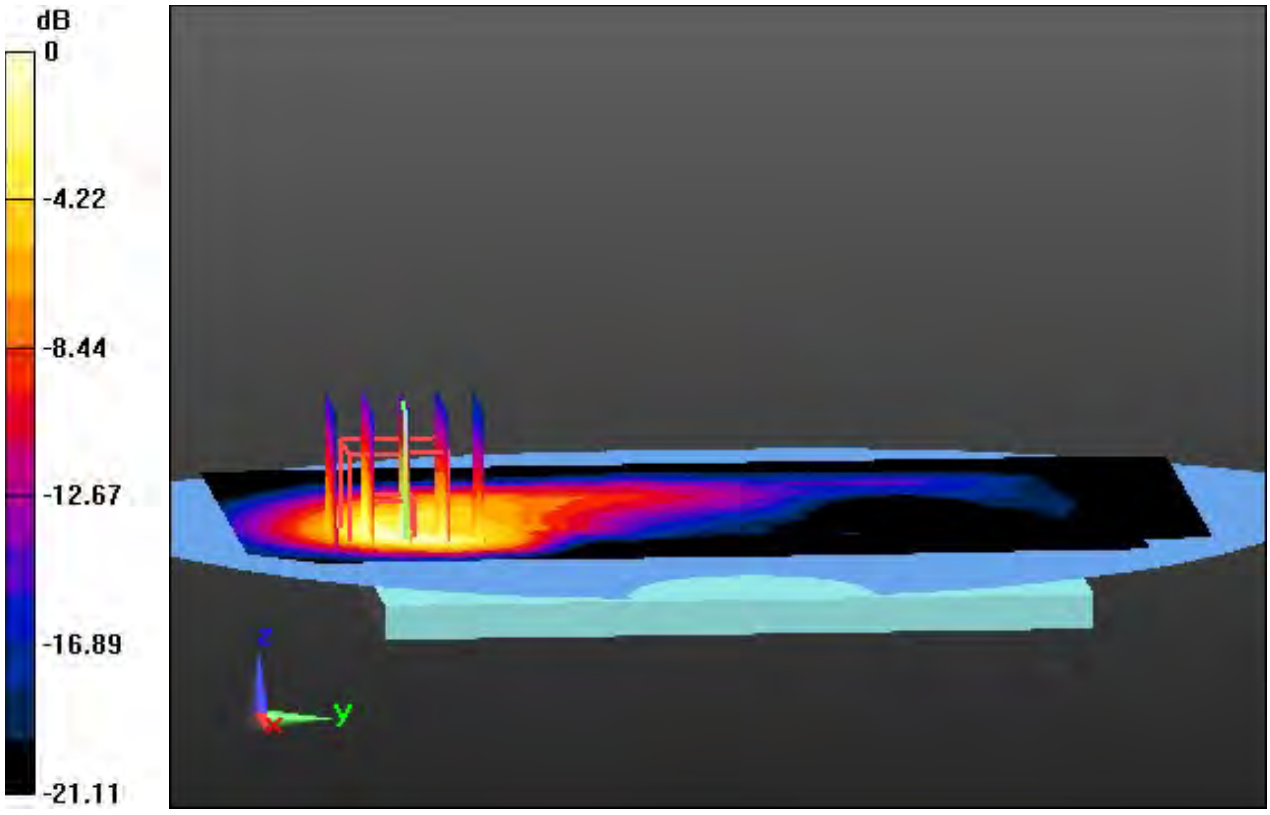
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.03, 8.03, 8.03) @ 1860 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

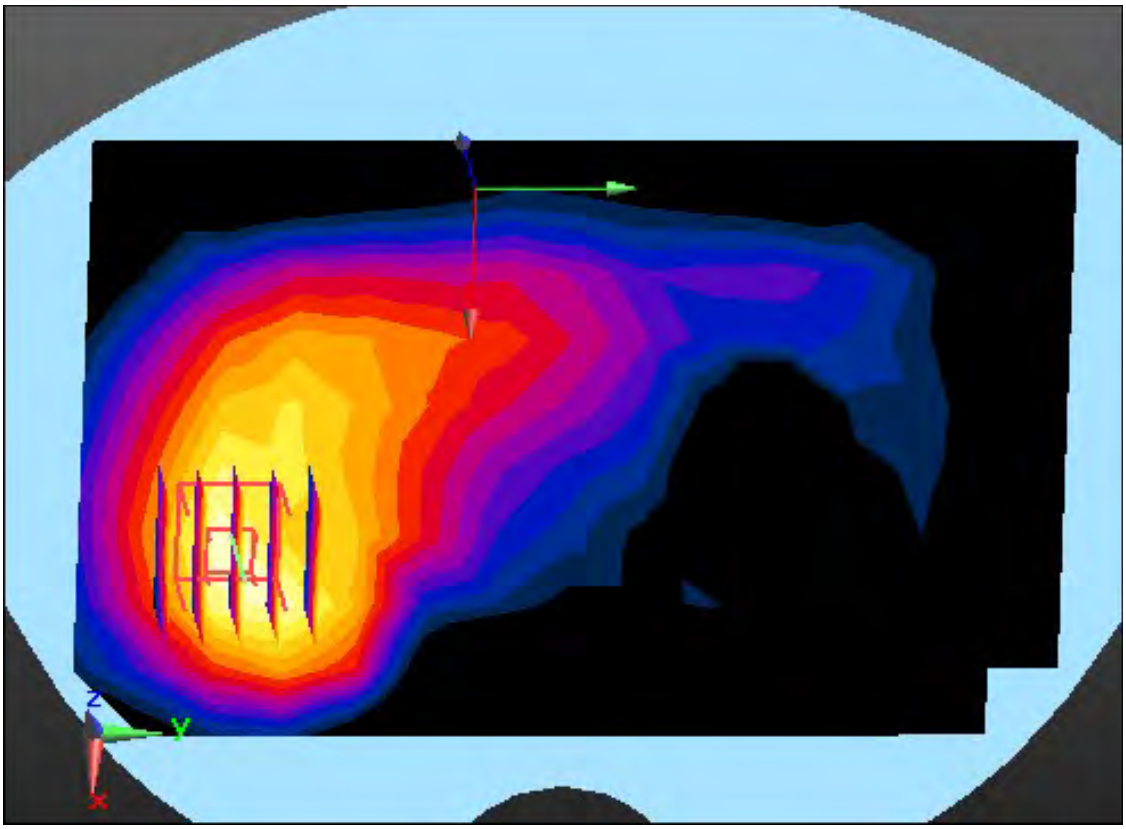
1 cm space from Body, Rear, LTE Band 2 Ch. 18700, Ant Internal

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

Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.265 W/kg



0 dB = 0.709 W/kg



Enlarged Plot for A45

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

Communication System: UID 0, LTE Band 7(FCC) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.018 S/m; ε_r = 51.668; ρ = 1000 kg/m^3
Phantom section: Flat Section

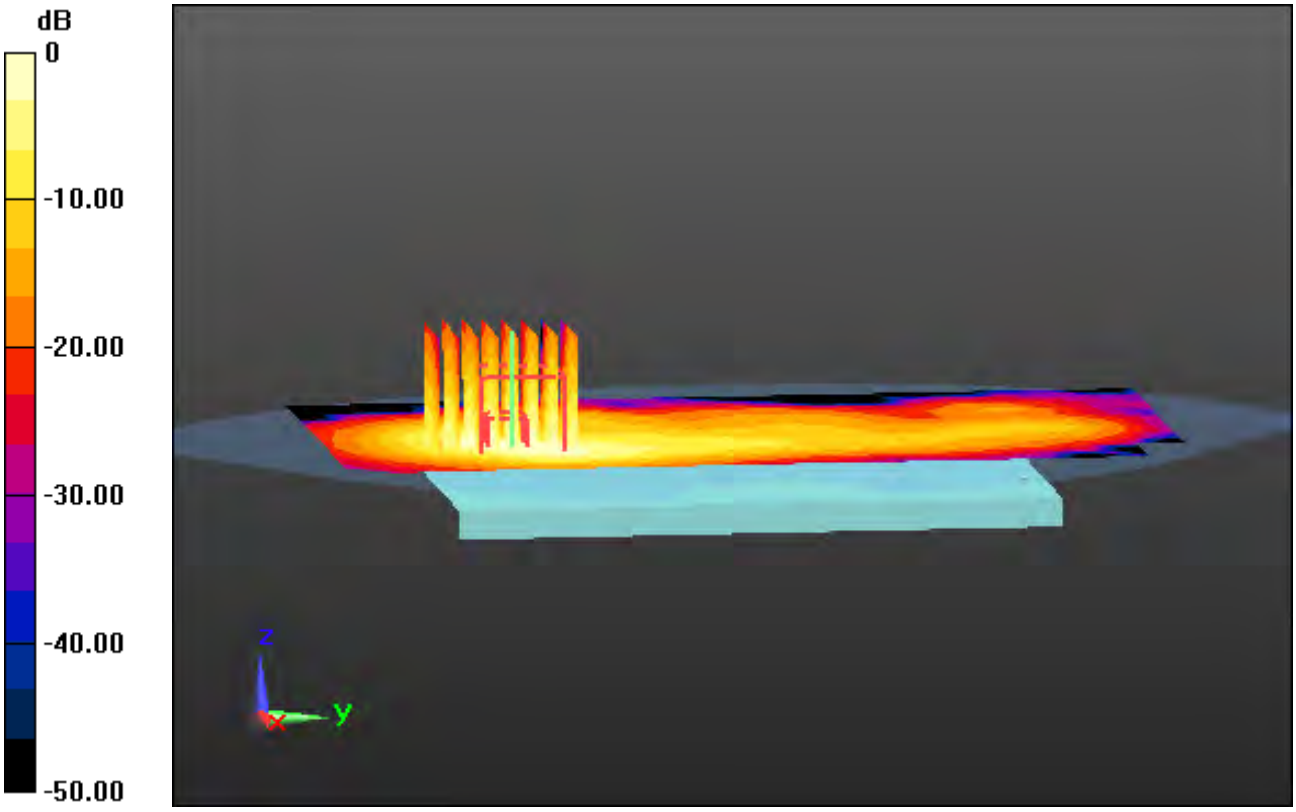
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-04-08; Ambient Temp: 20.8; Tissue Temp: 20.7

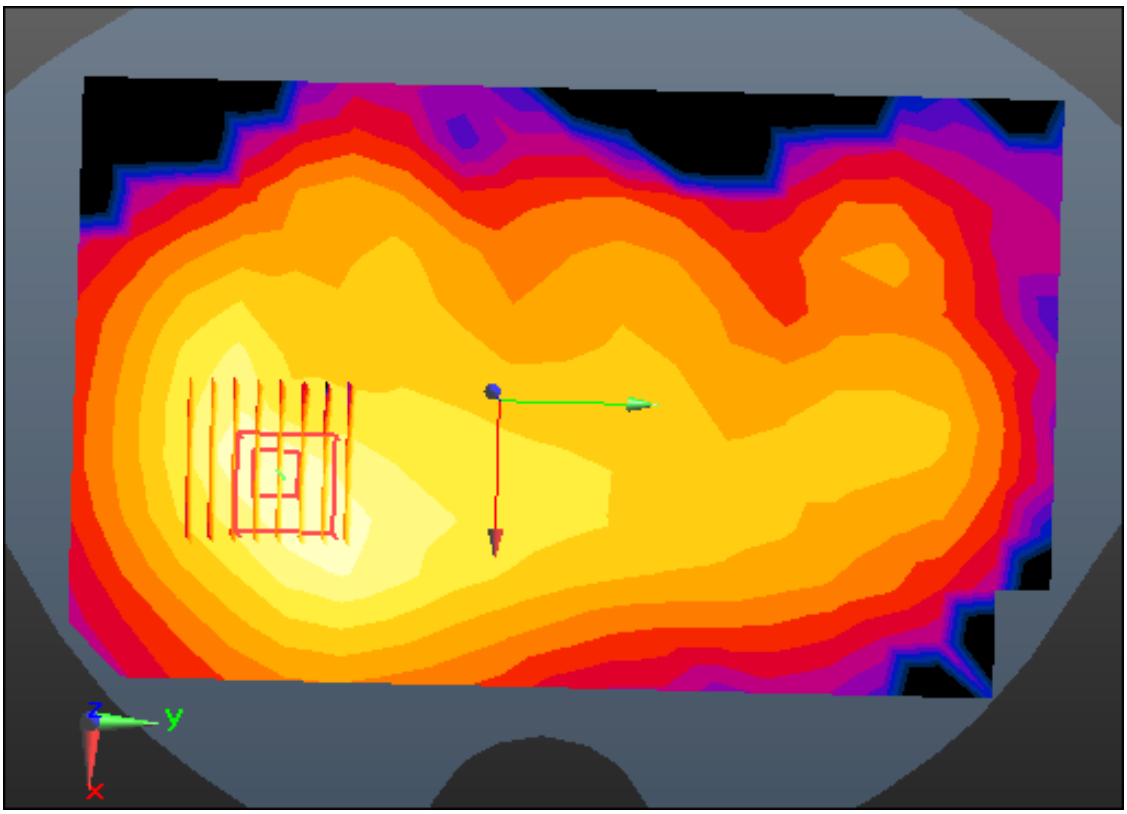
1 cm space from Body, Rear, LTE Band 7 Ch. 21100, Ant Internal

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

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.363 W/kg



0 dB = 1.10 W/kg



Enlarged Plot for A46

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; σ = 2.193 S/m; ε_r = 51.347; ρ = 1000 kg/m^3
Phantom section: Flat Section

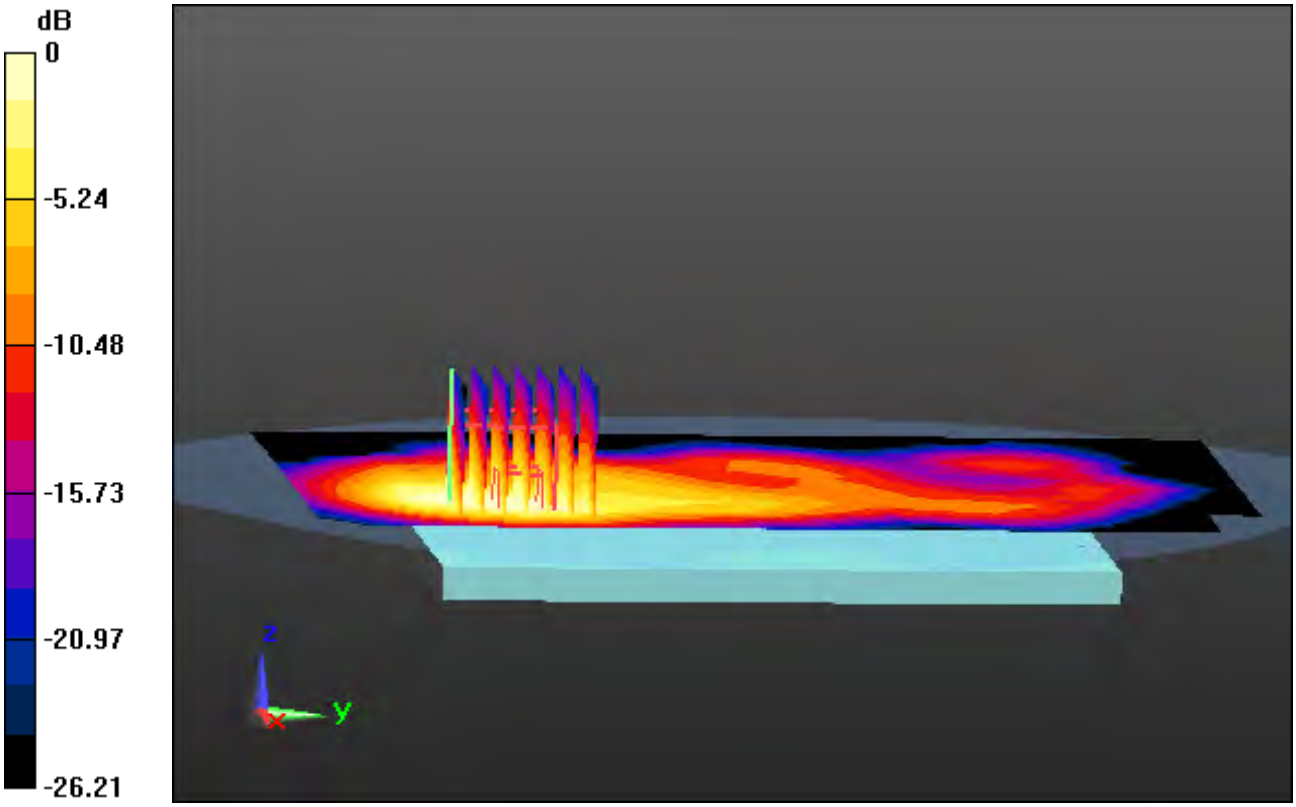
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-04-04; Ambient Temp: 21.0; Tissue Temp: 20.8

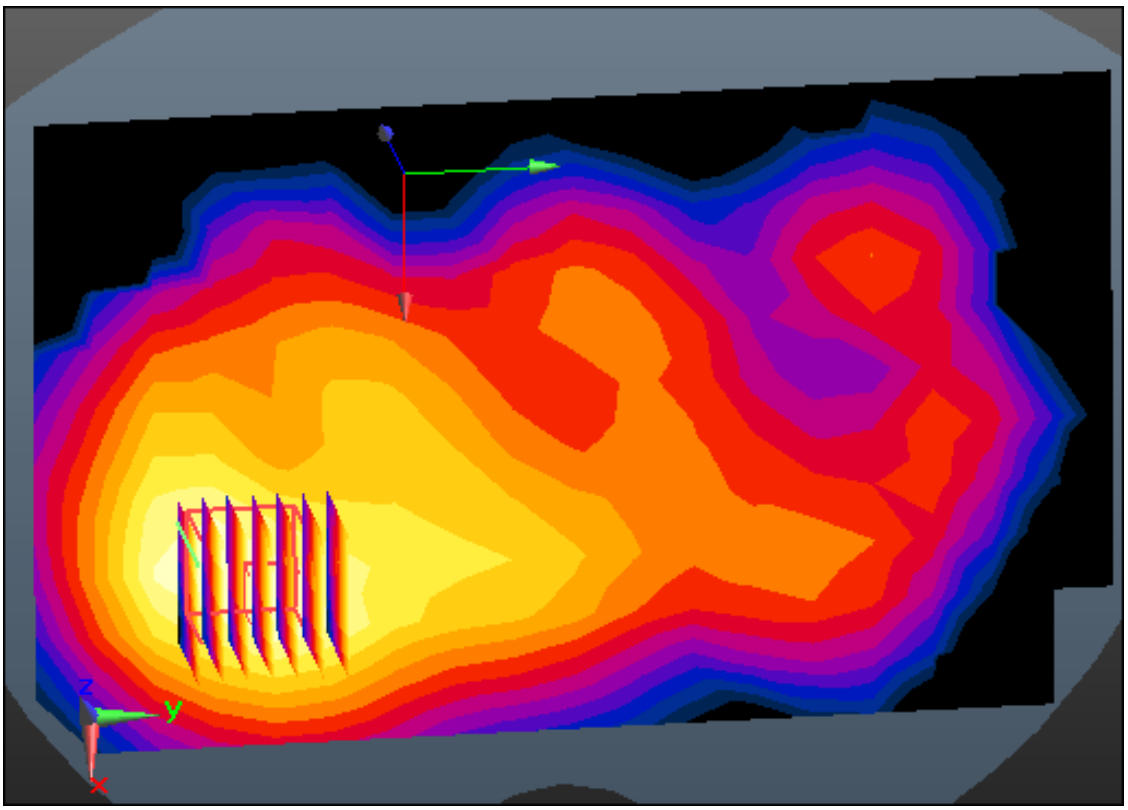
1 cm space from Body, Rear, LTE Band 41 Ch. 41490, Ant Internal

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

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.164 W/kg



0 dB = 0.462 W/kg



Enlarged Plot for A47

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

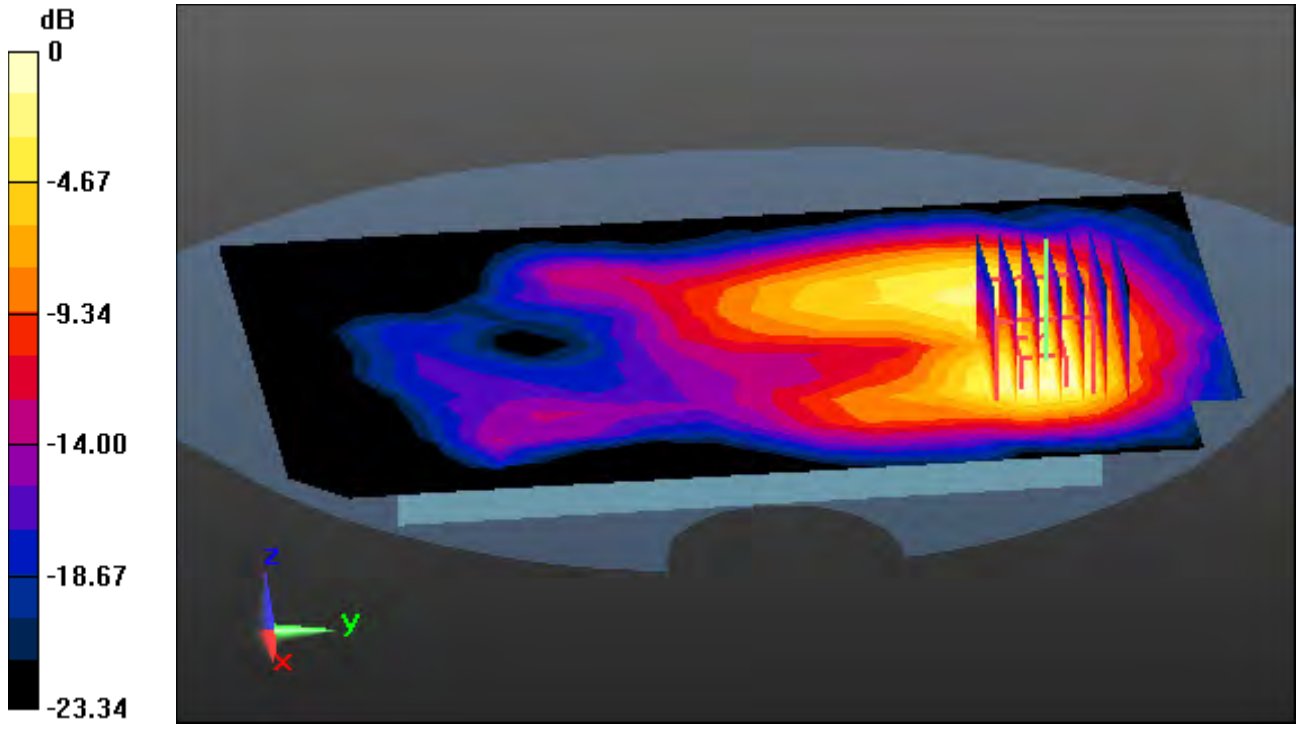
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.924 S/m; ε_r = 53.592; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/25/2018; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

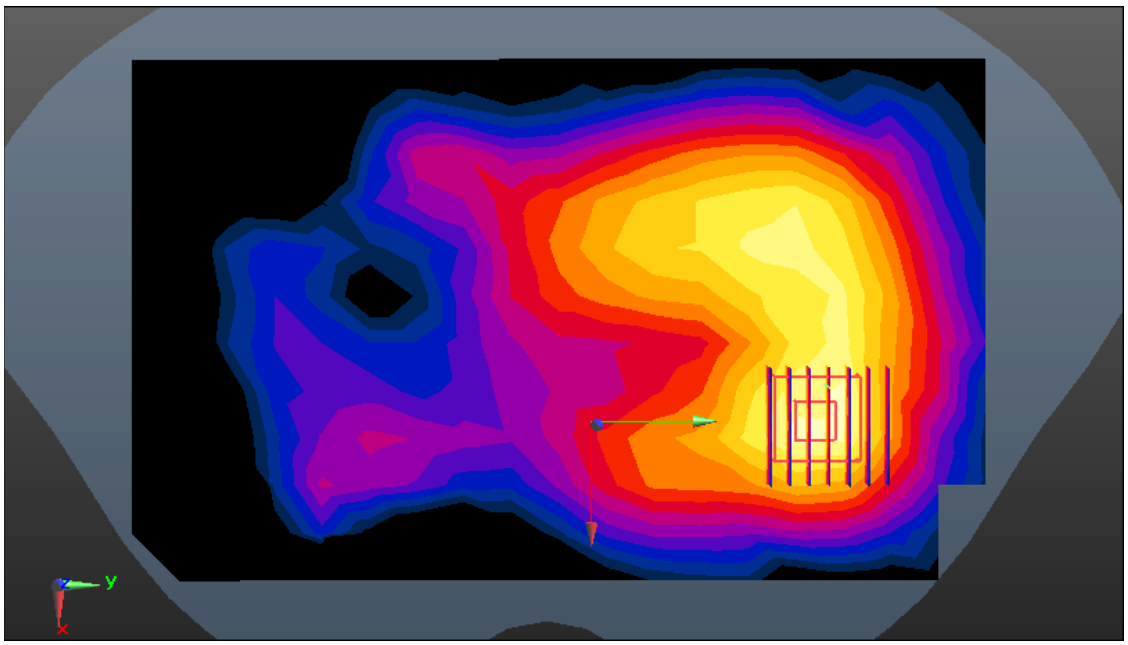
Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 21.0

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

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.367 W/kg



Enlarged Plot for A48

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

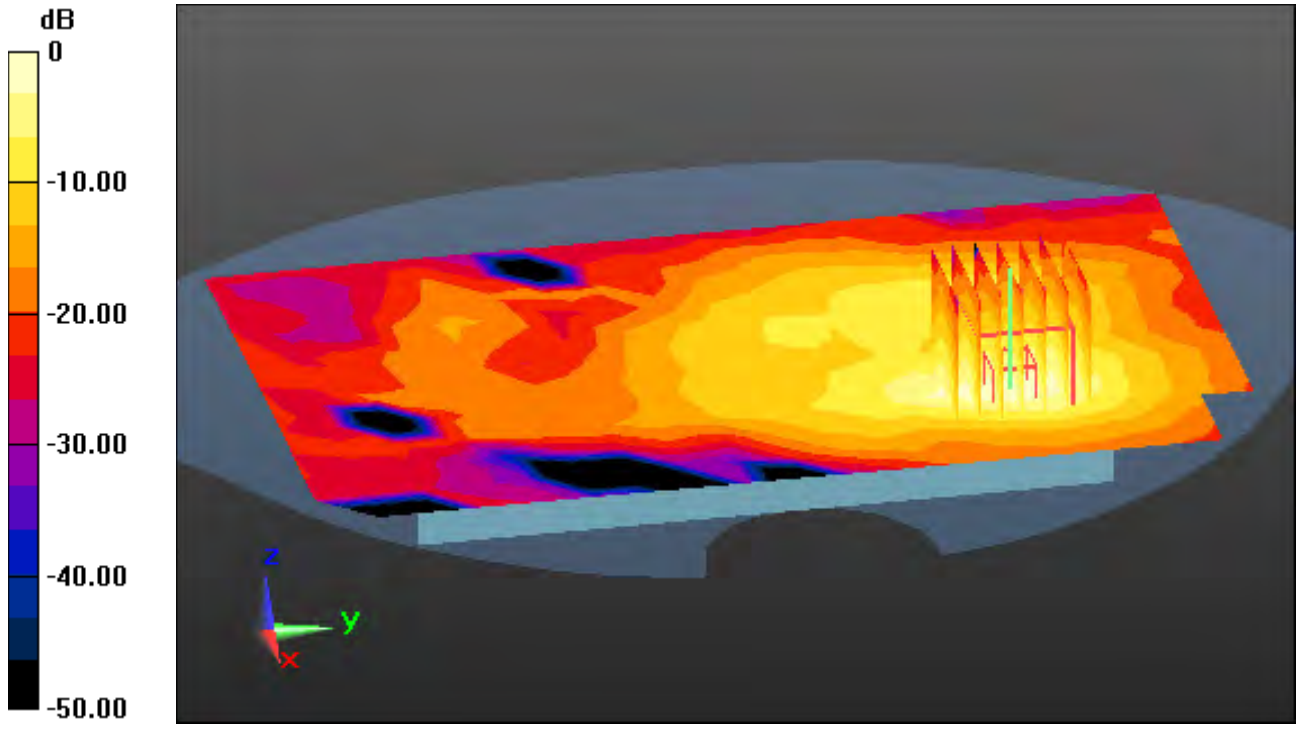
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.987 S/m; ε_r = 53.537; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/25/2018; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

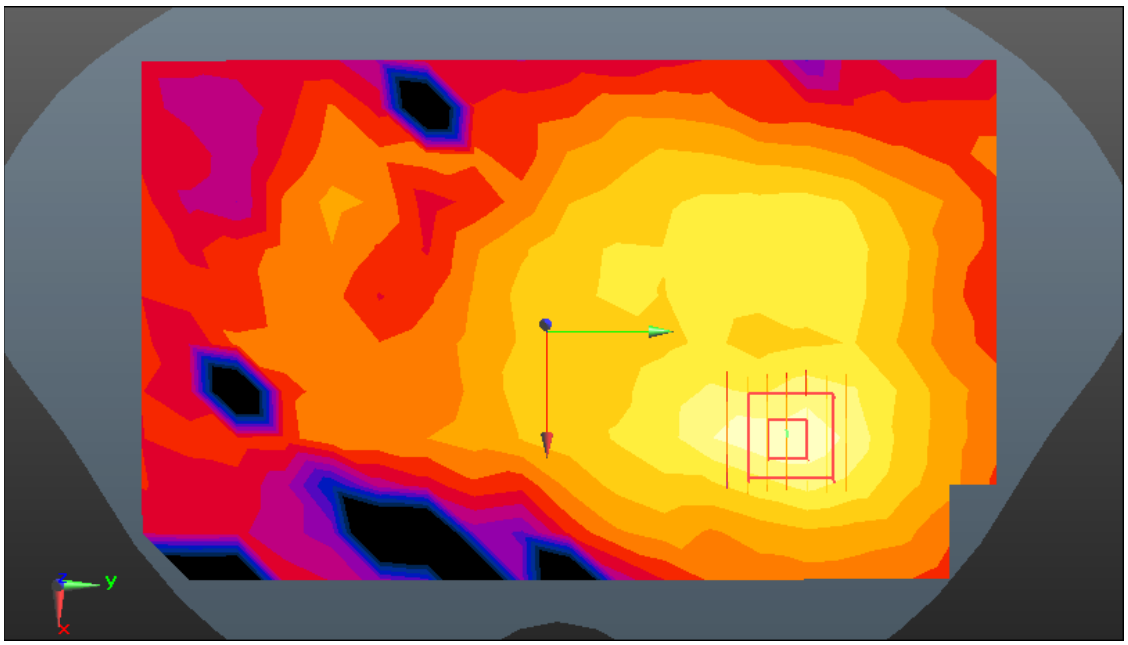
Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 21.0

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

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.044 W/kg



0 dB = 0.168 W/kg



Enlarged Plot for A49

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

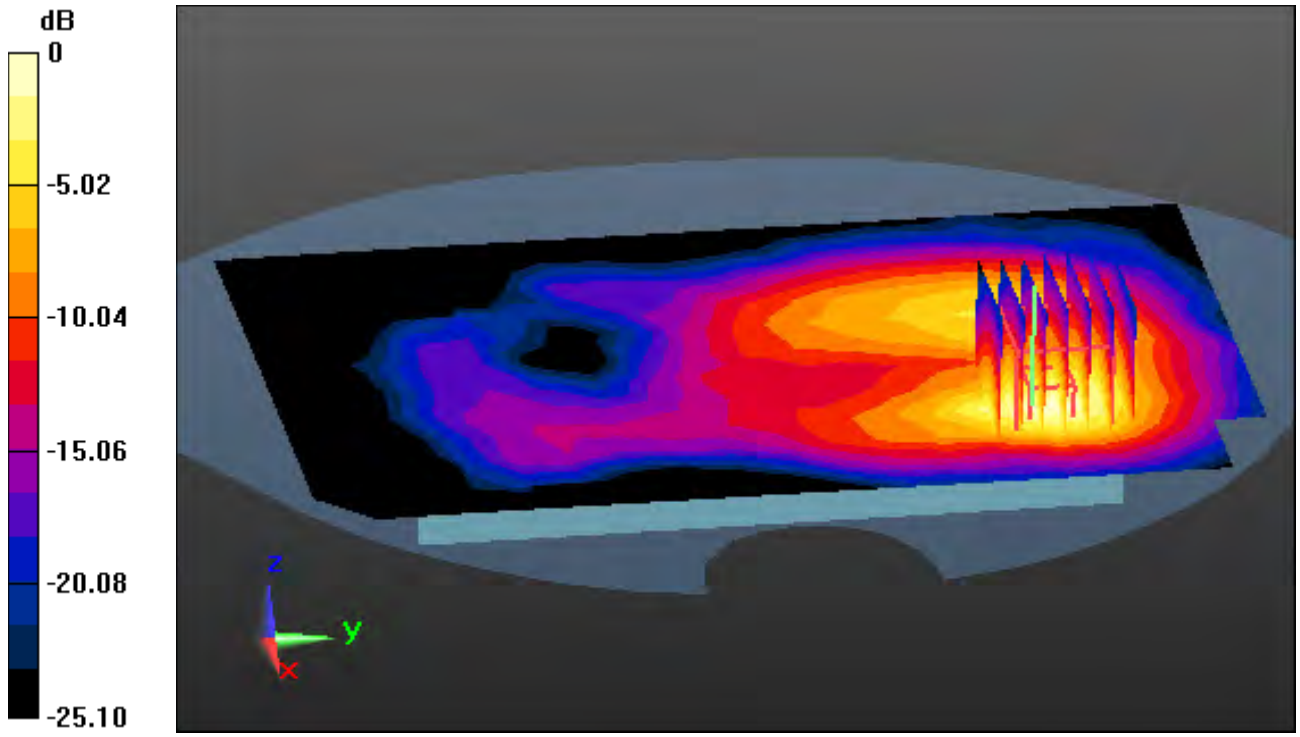
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.987 S/m; ε_r = 53.537; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/25/2018; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

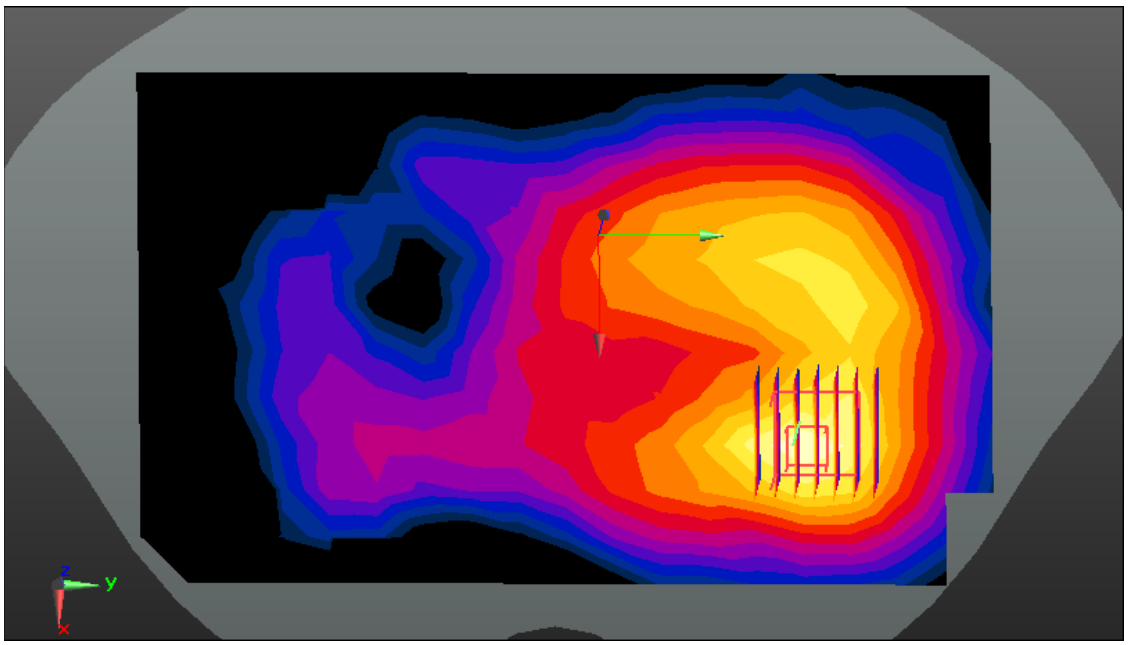
Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 21.0

1 cm space from Body, Rear, WLAN(802.11g) Ch. 11, Ant. Internal, MIMO

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.142 W/kg



0 dB = 0.458 W/kg



Enlarged Plot for A50

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

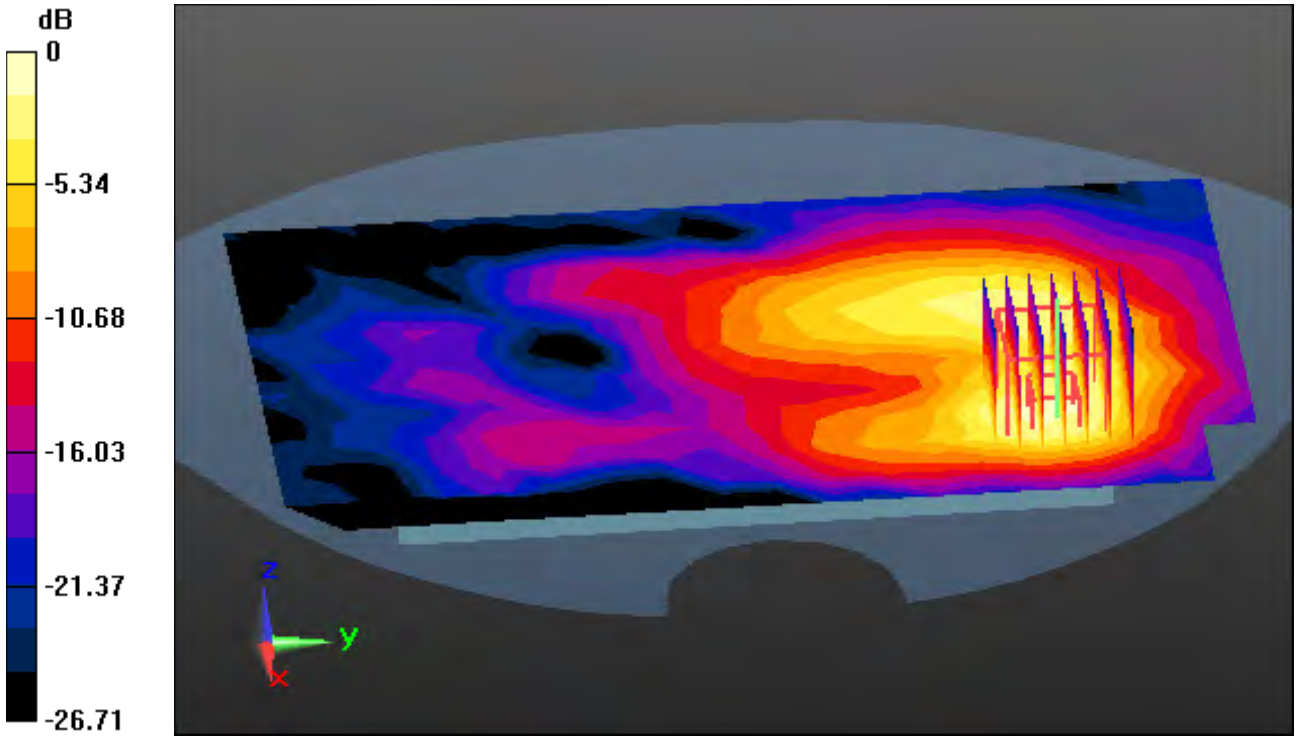
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.924 S/m; ε_r = 53.592; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/25/2018; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

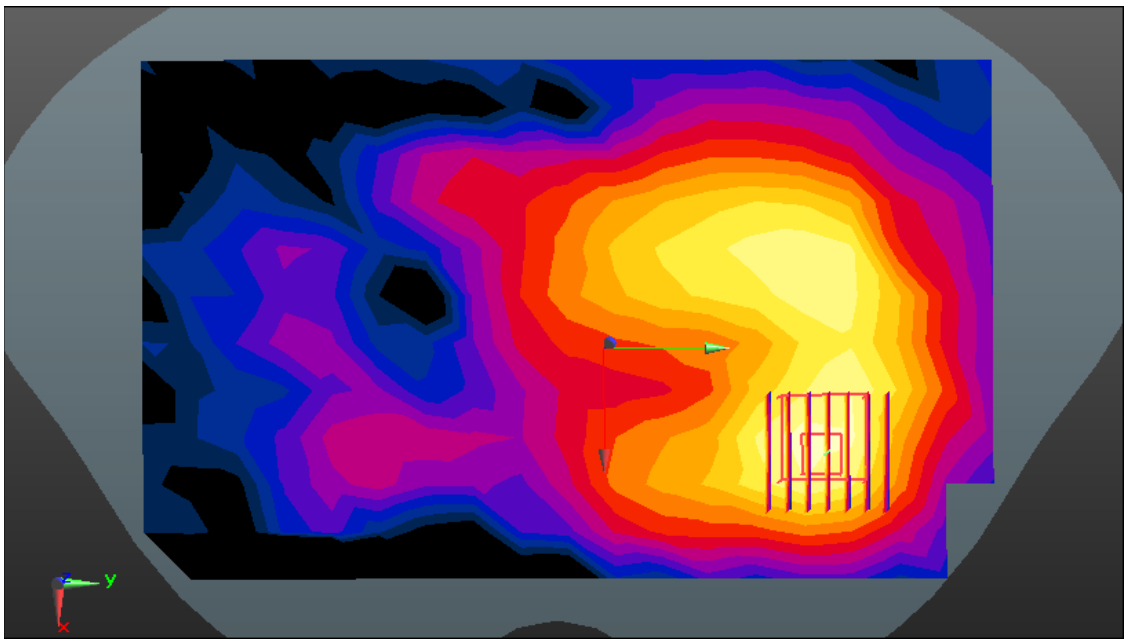
Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 21.0

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

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.170 W/kg



Enlarged Plot for A51

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

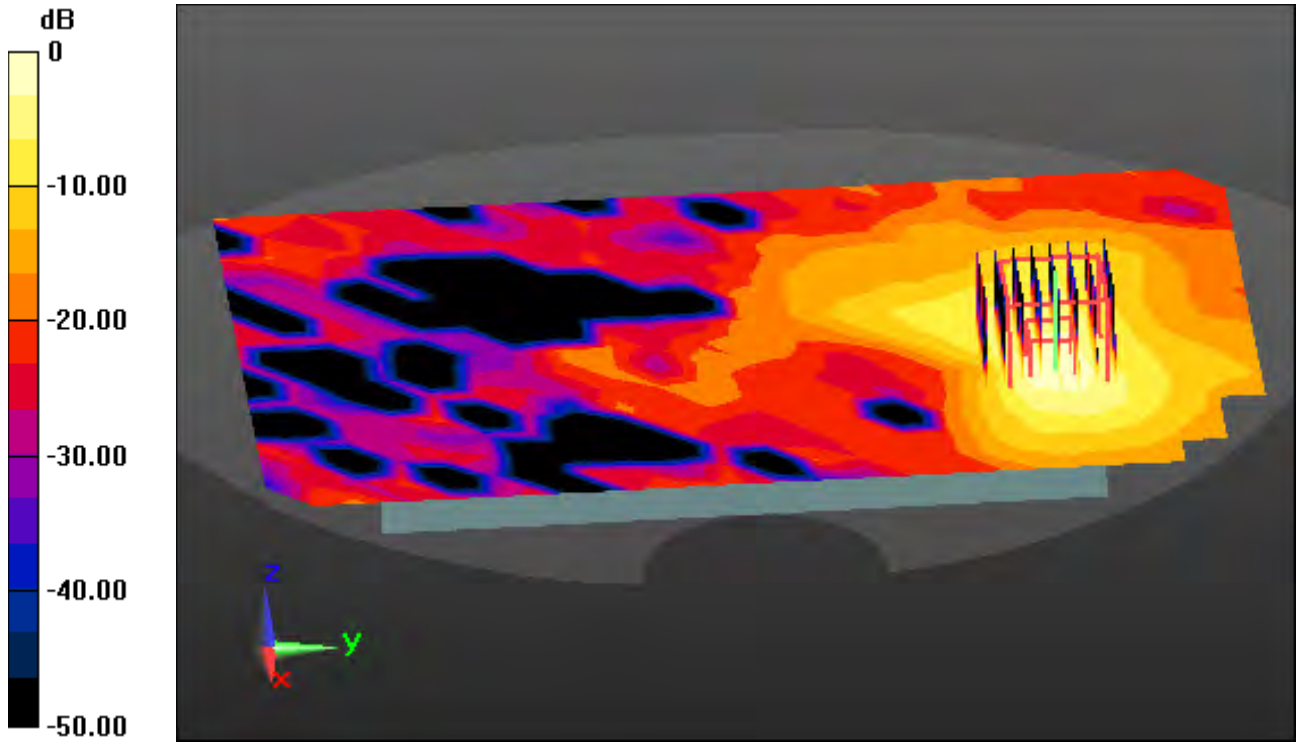
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.494 S/m; ε_r = 48.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

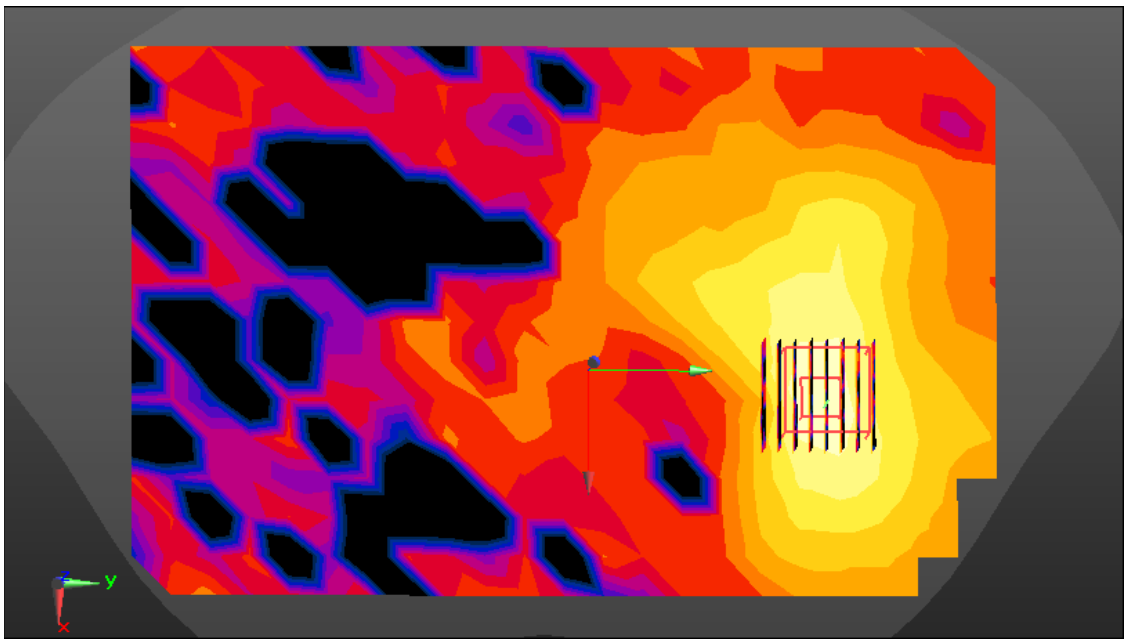
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.090 W/kg



0 dB = 0.710 W/kg



Enlarged Plot for A52

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

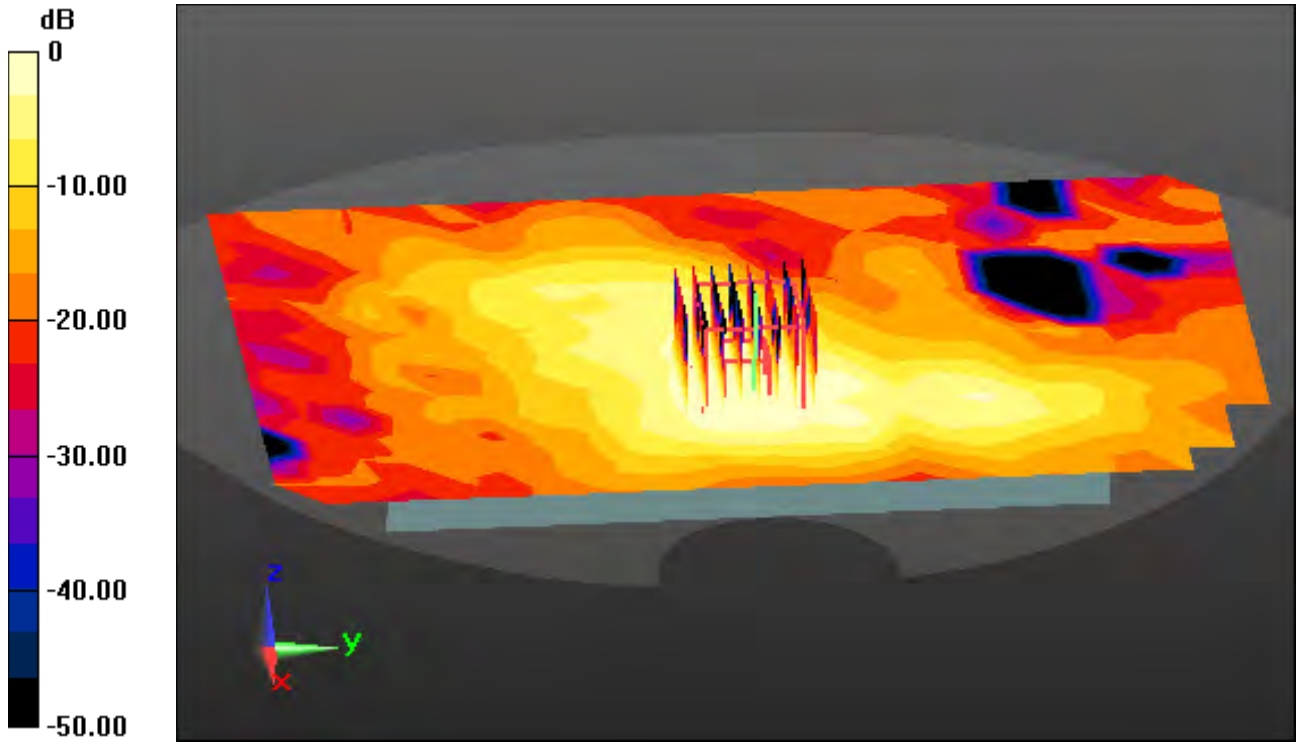
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.494 S/m; ε_r = 48.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

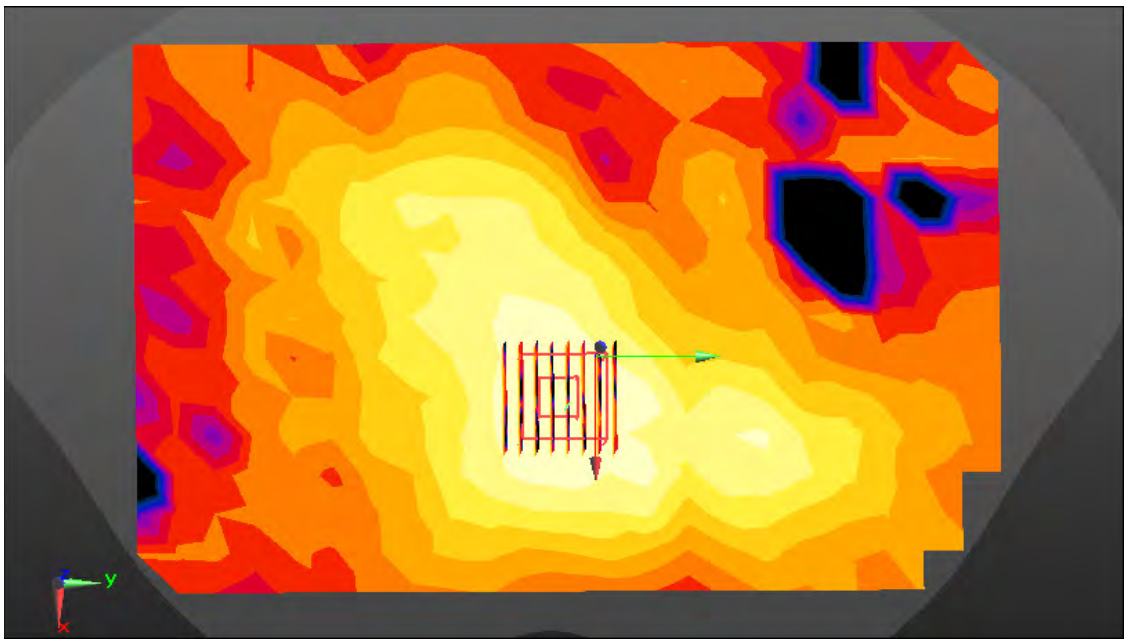
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.808 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.094 W/kg



0 dB = 0.495 W/kg



Enlarged Plot for A53

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

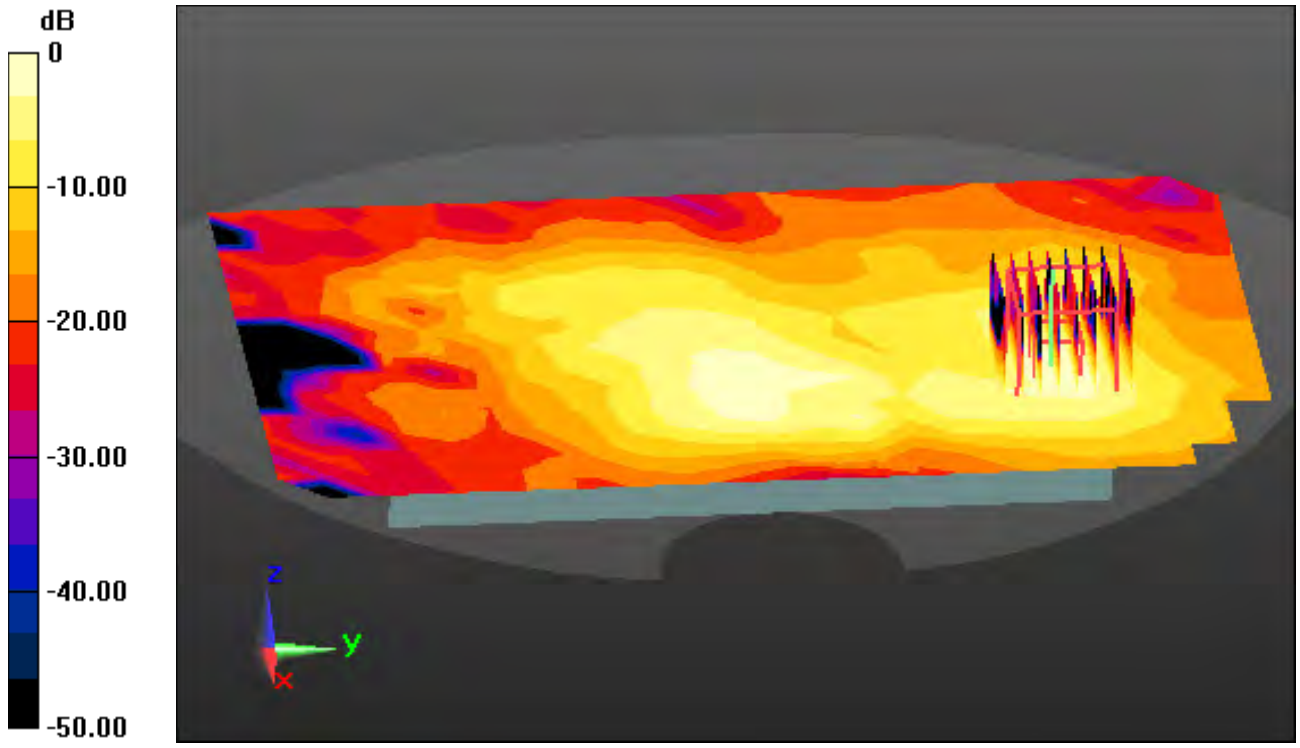
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.494 S/m; ε_r = 48.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

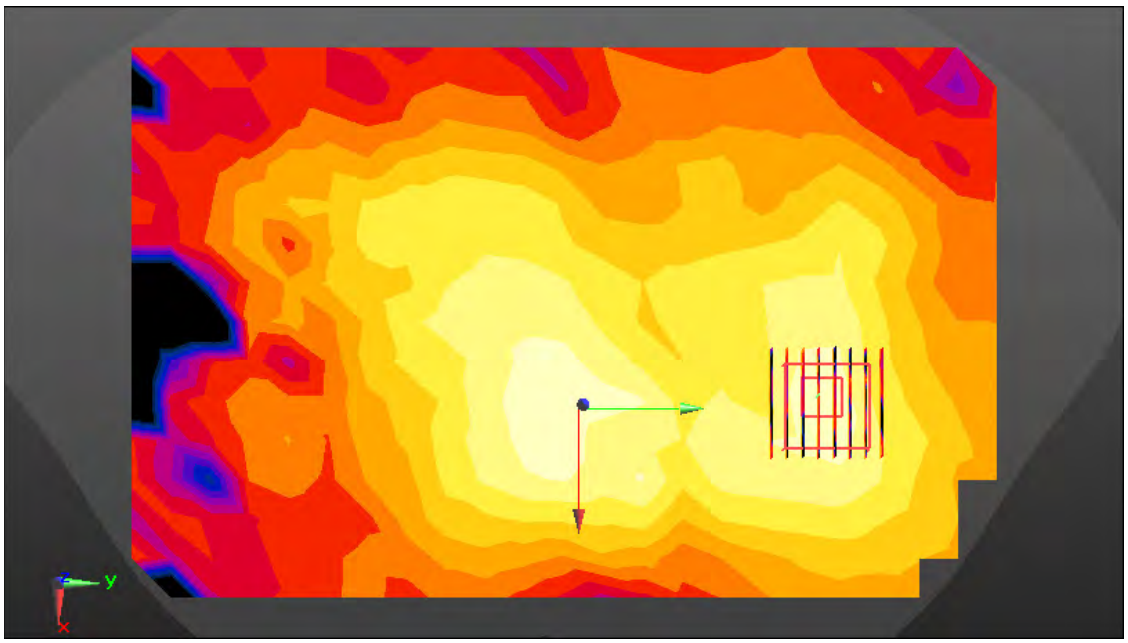
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.087 W/kg



0 dB = 0.702 W/kg



Enlarged Plot for A54

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

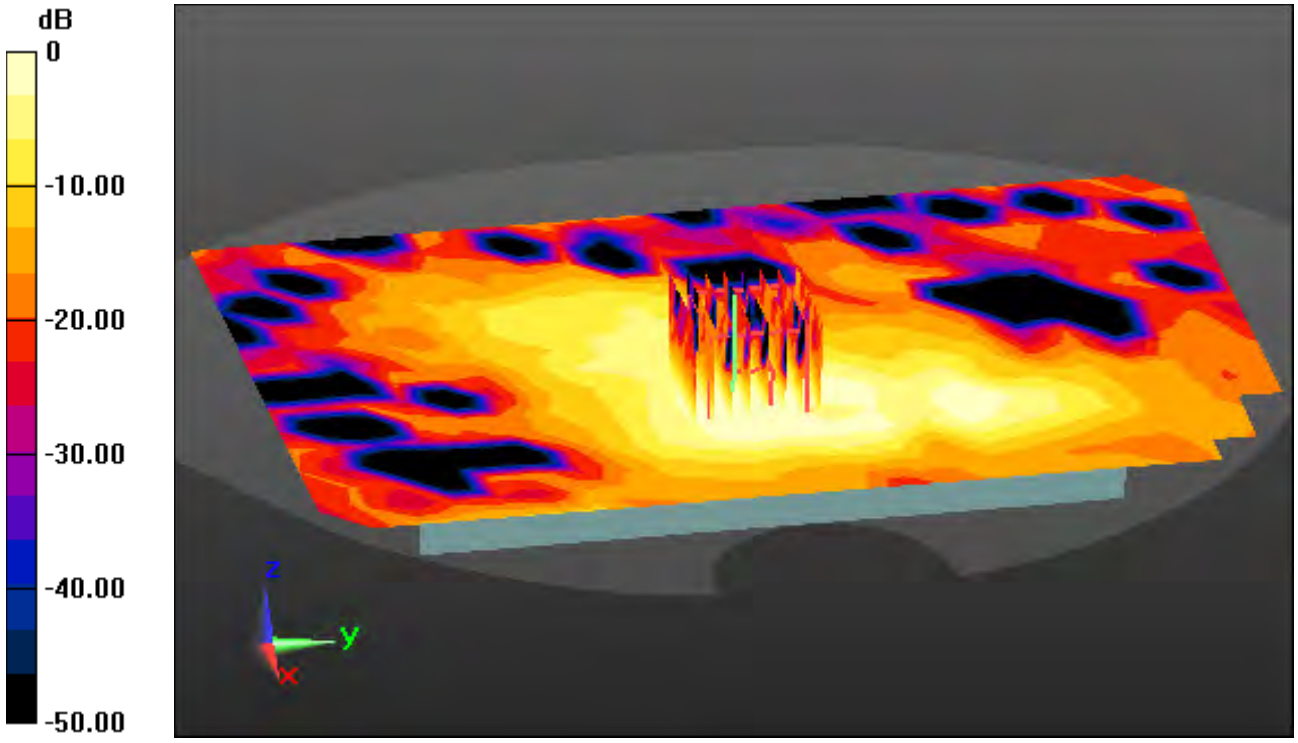
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; σ = 5.508 S/m; ε_r = 48.506; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

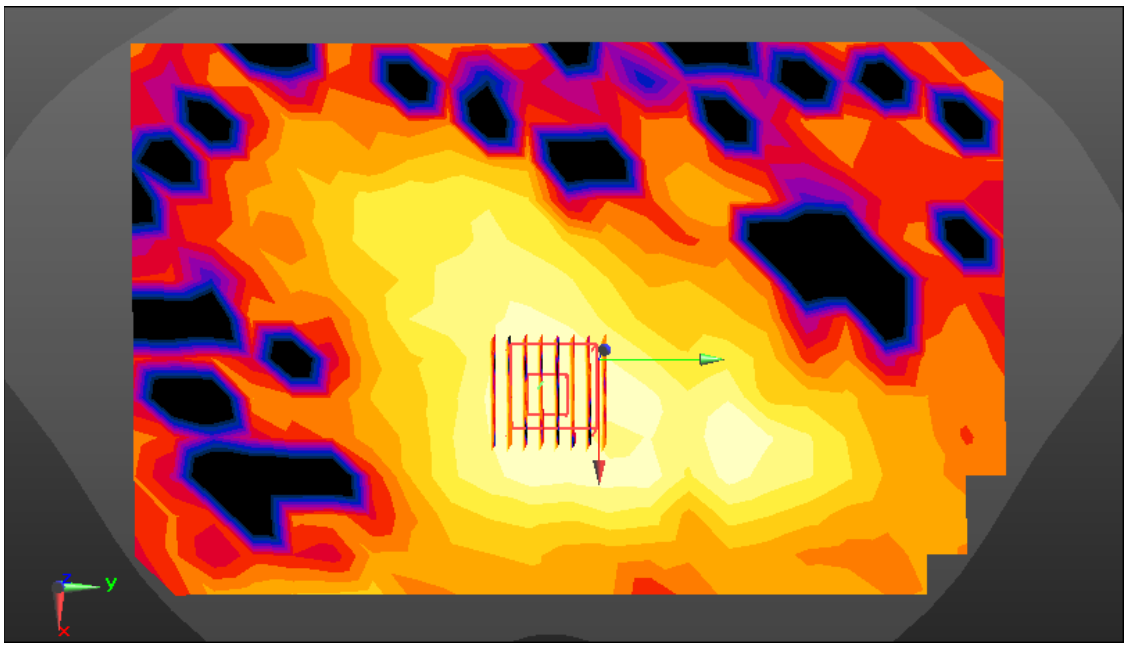
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

1 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 54, Ant. Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.061 W/kg



0 dB = 0.327 W/kg



Enlarged Plot for A55

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

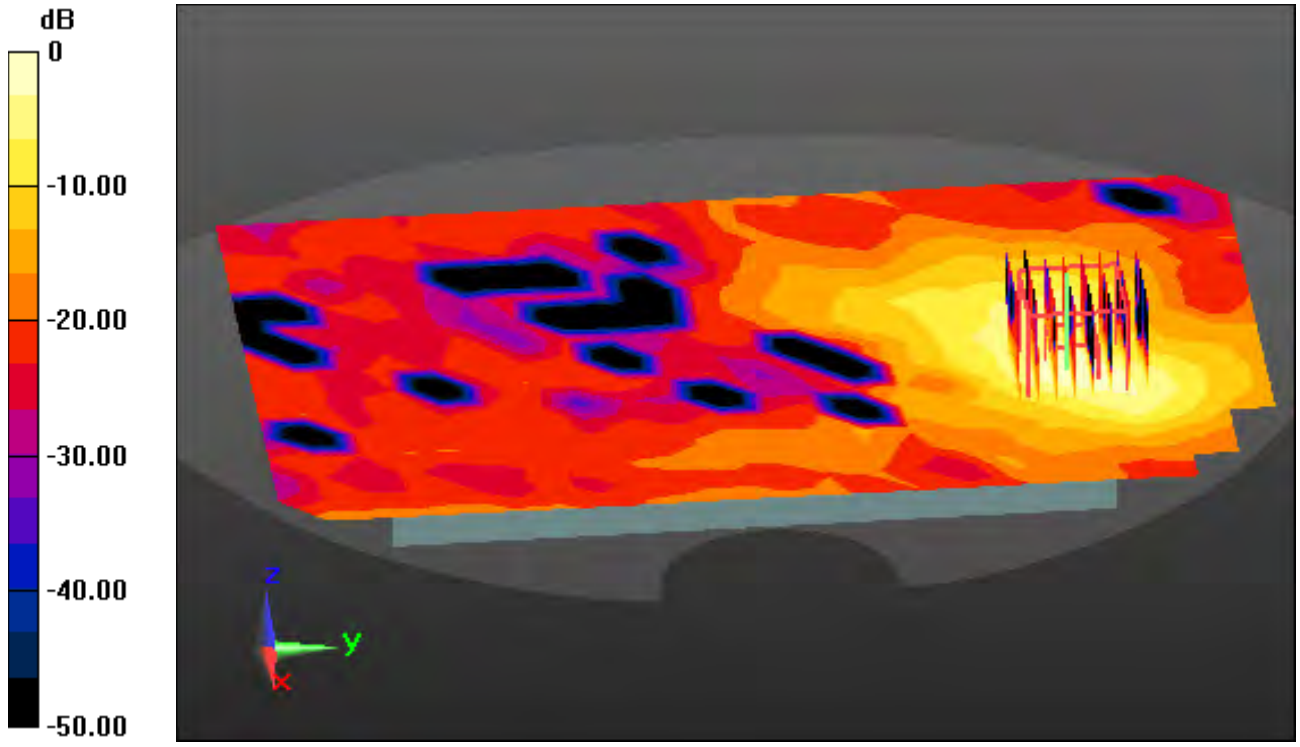
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.693 S/m; ε_r = 48.272; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

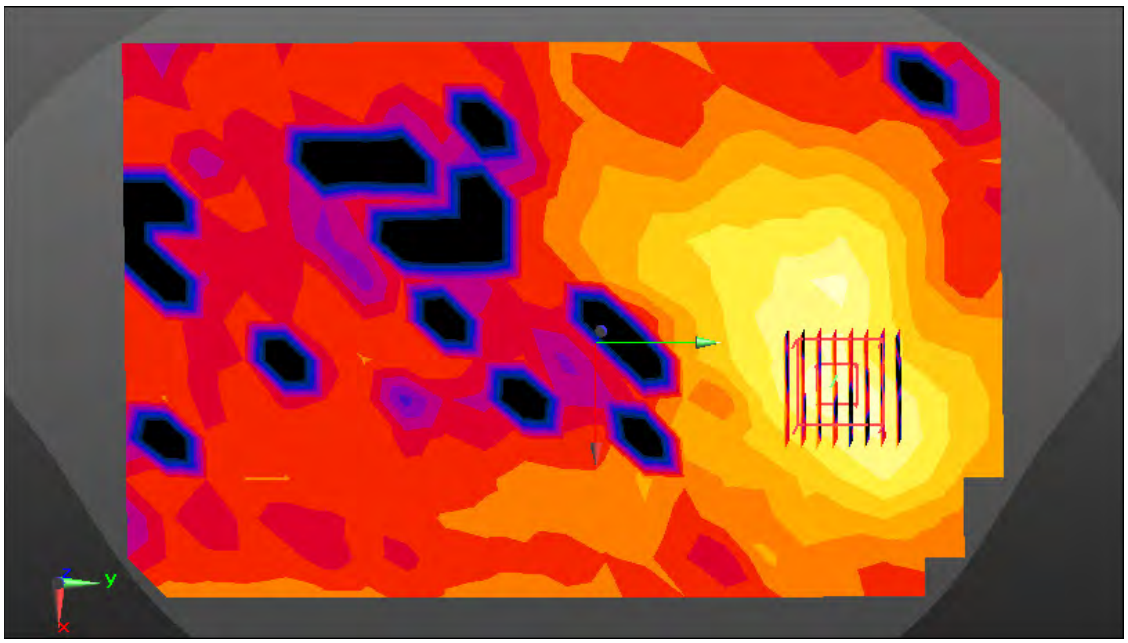
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.097 W/kg



0 dB = 0.869 W/kg



Enlarged Plot for A56

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

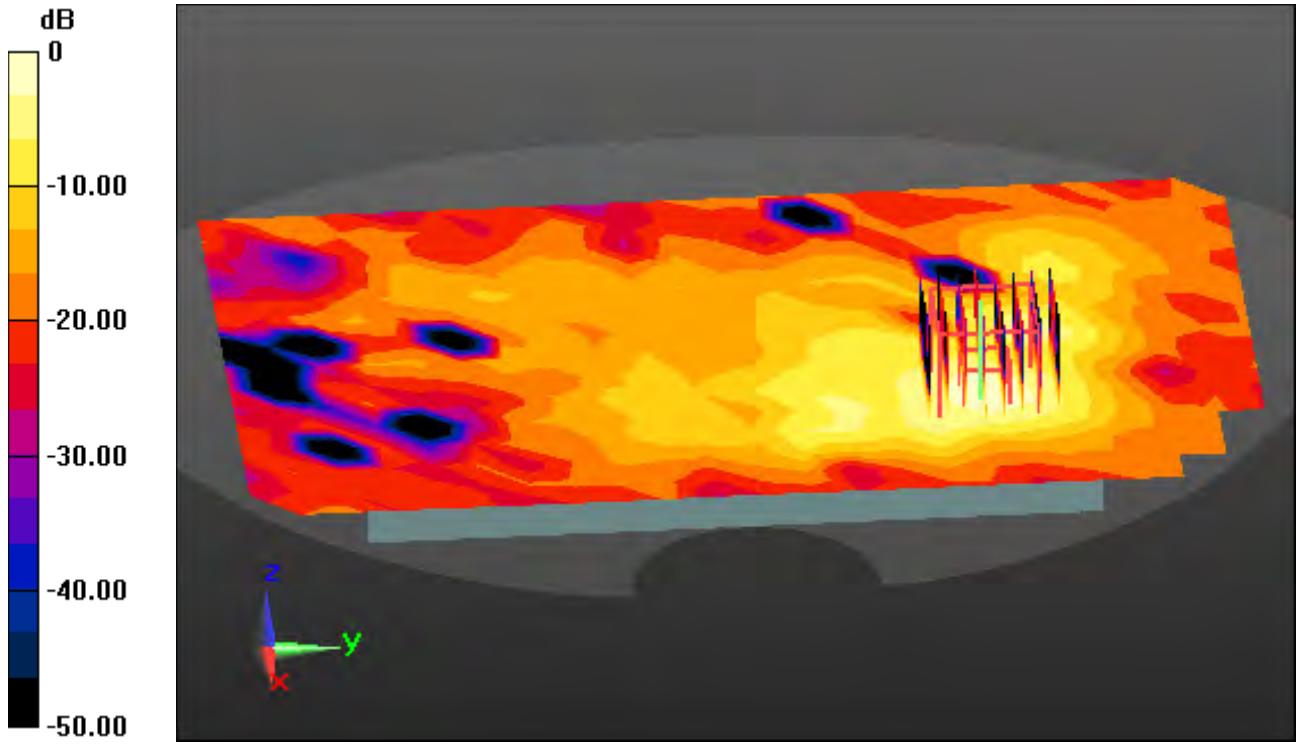
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.693 S/m; ε_r = 48.272; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

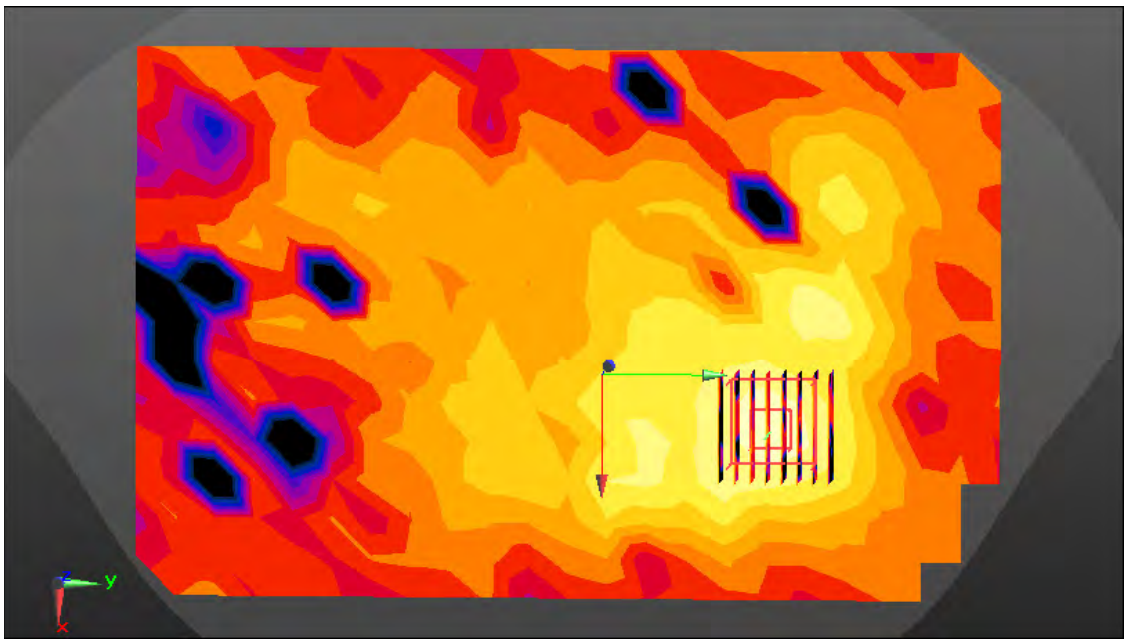
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.095 W/kg



0 dB = 0.736 W/kg



Enlarged Plot for A57

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

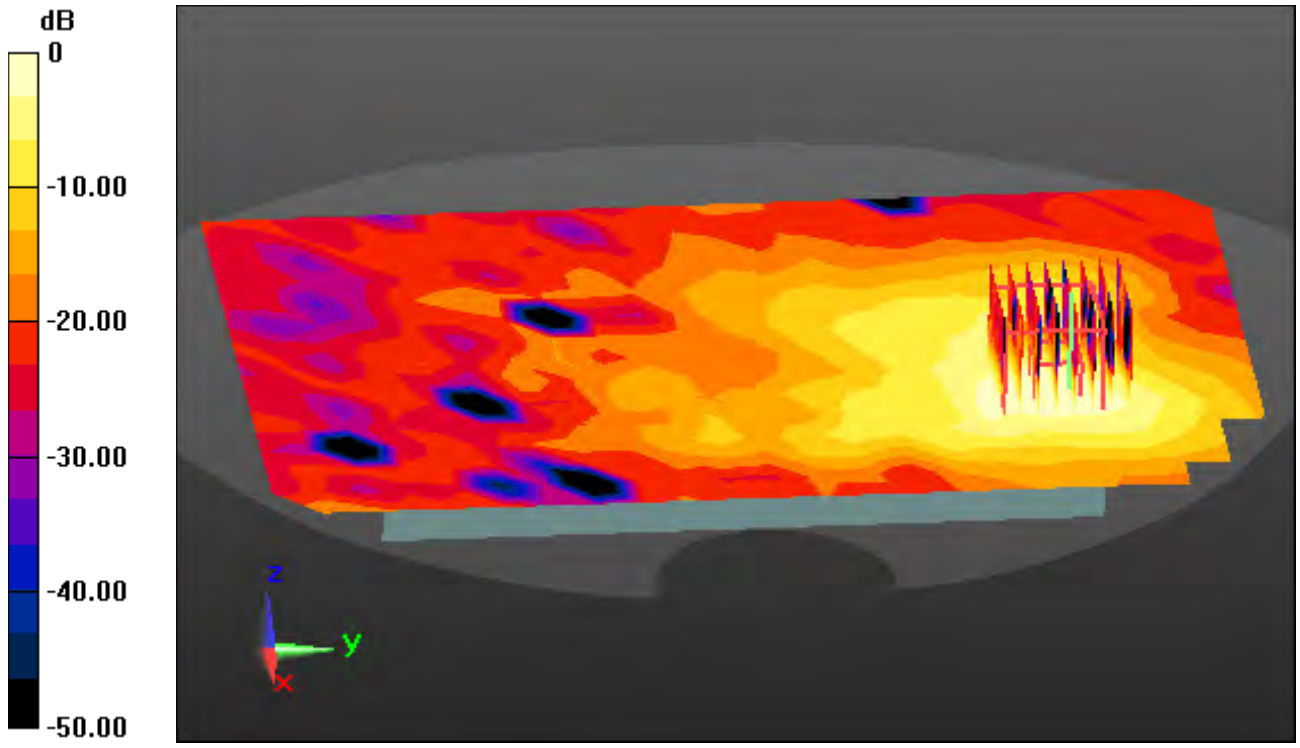
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.693 S/m; ε_r = 48.272; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

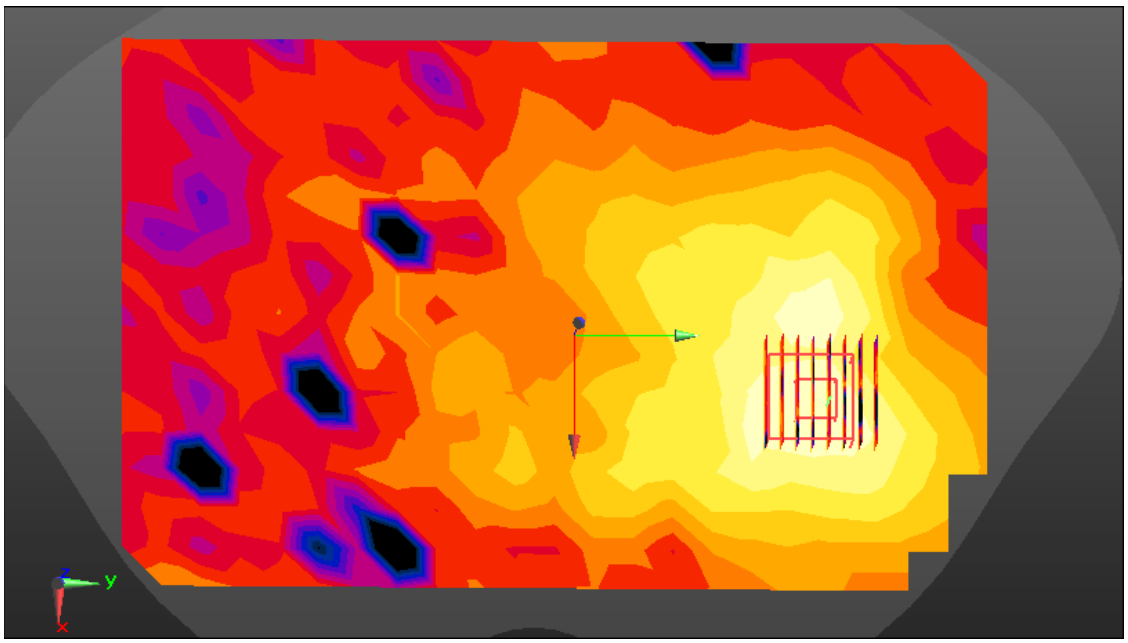
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.131 W/kg



0 dB = 0.987 W/kg



Enlarged Plot for A58

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

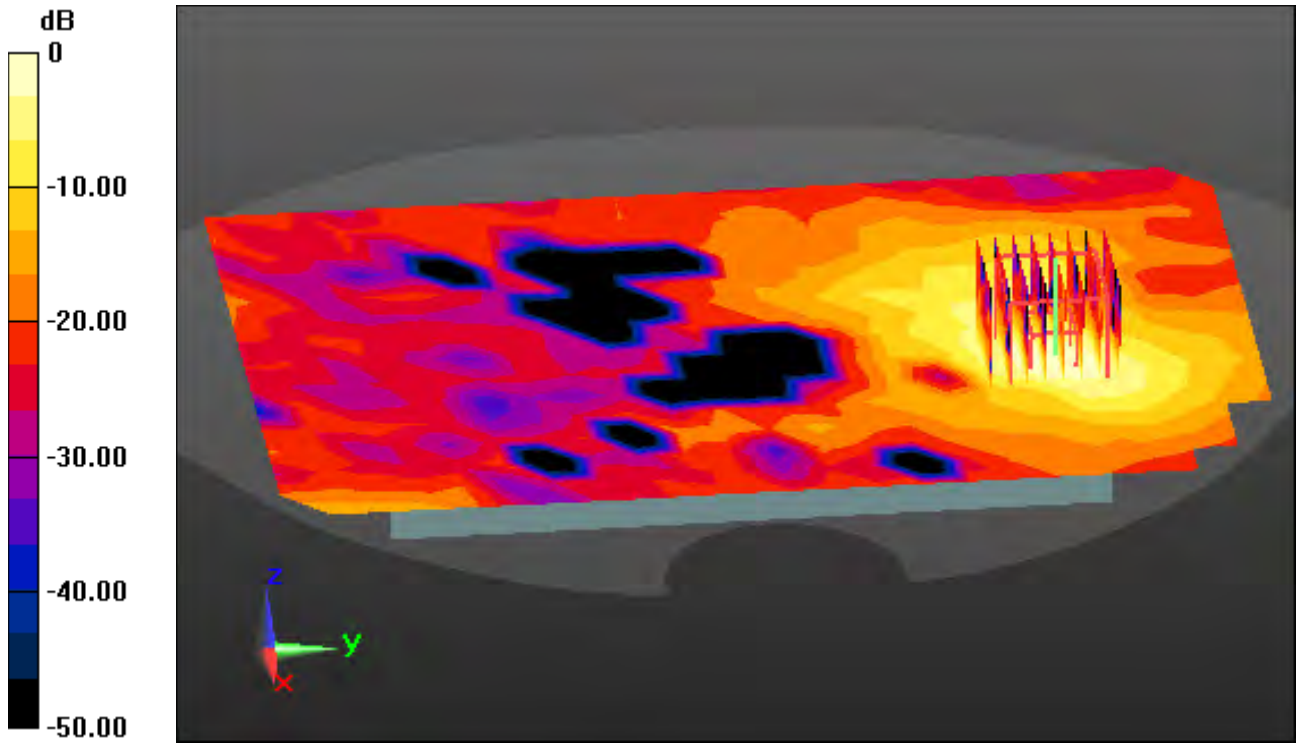
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.823 S/m; ε_r = 47.824; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

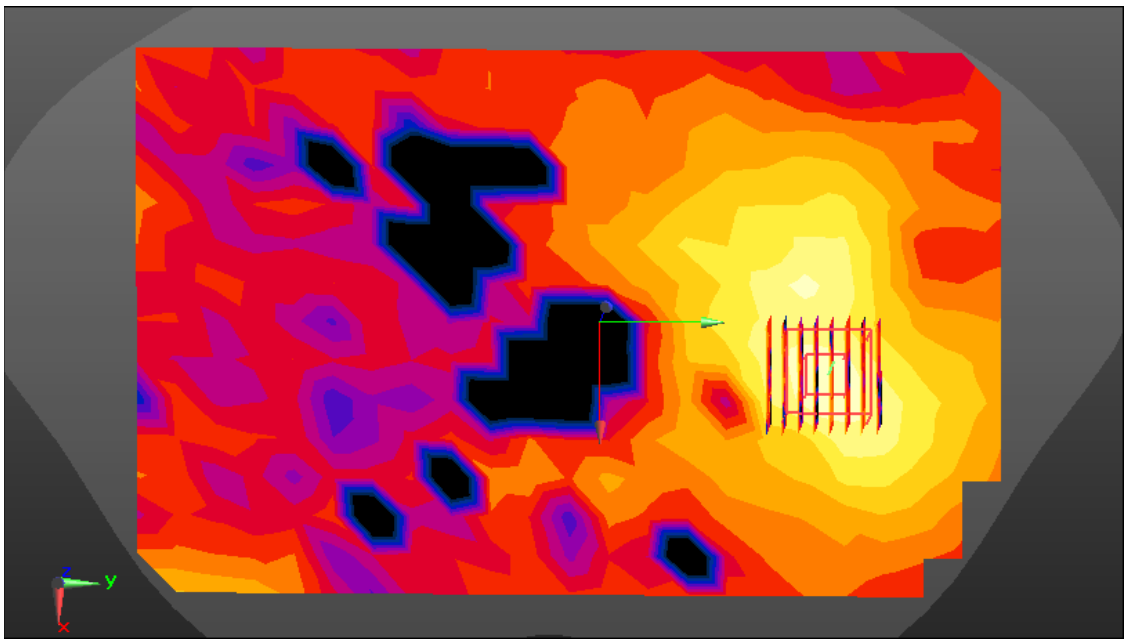
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.097 W/kg



0 dB = 0.841 W/kg



Enlarged Plot for A59

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

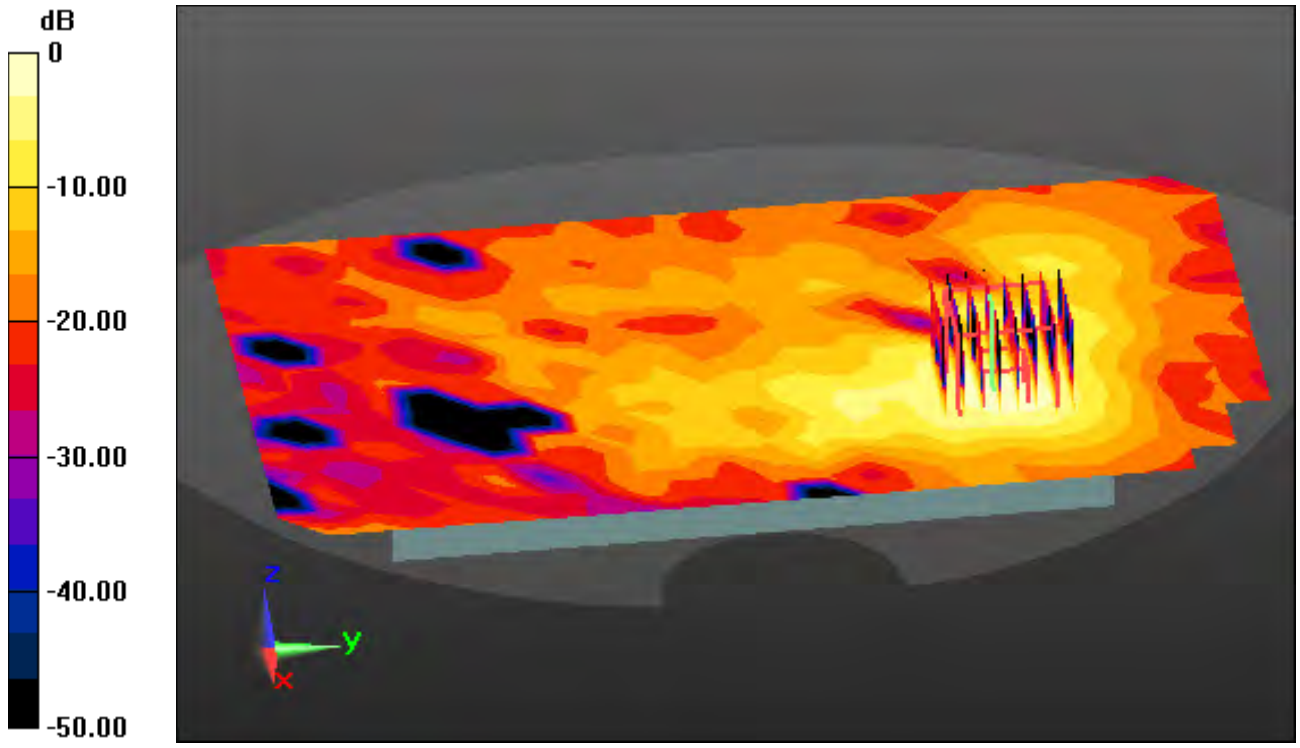
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.823 S/m; ε_r = 47.824; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

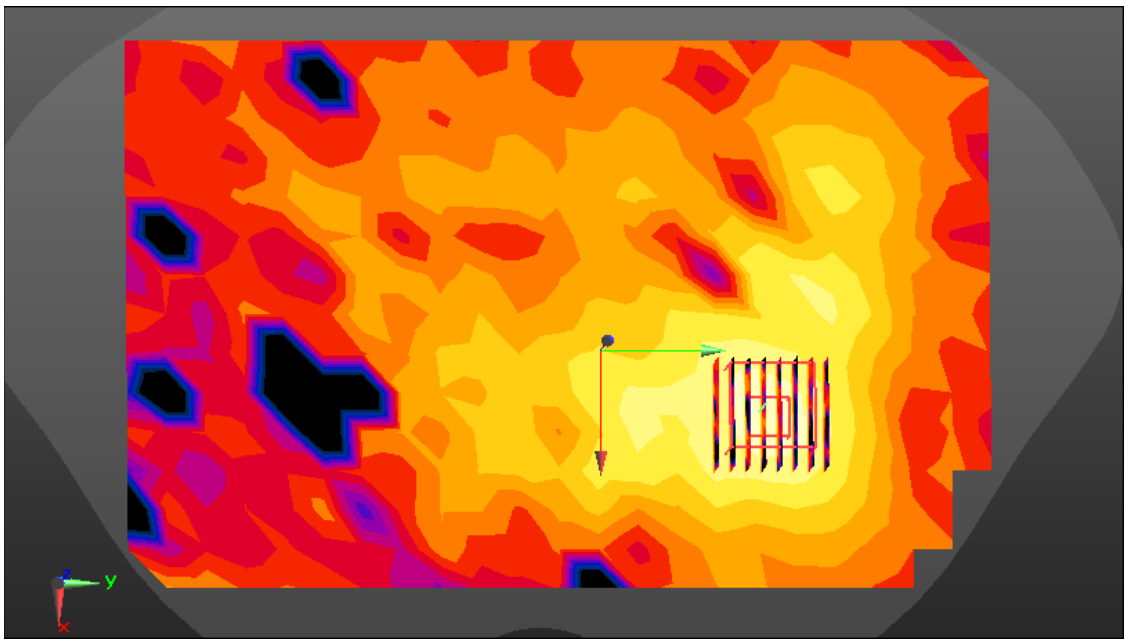
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.088 W/kg



0 dB = 0.649 W/kg



Enlarged Plot for A60

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

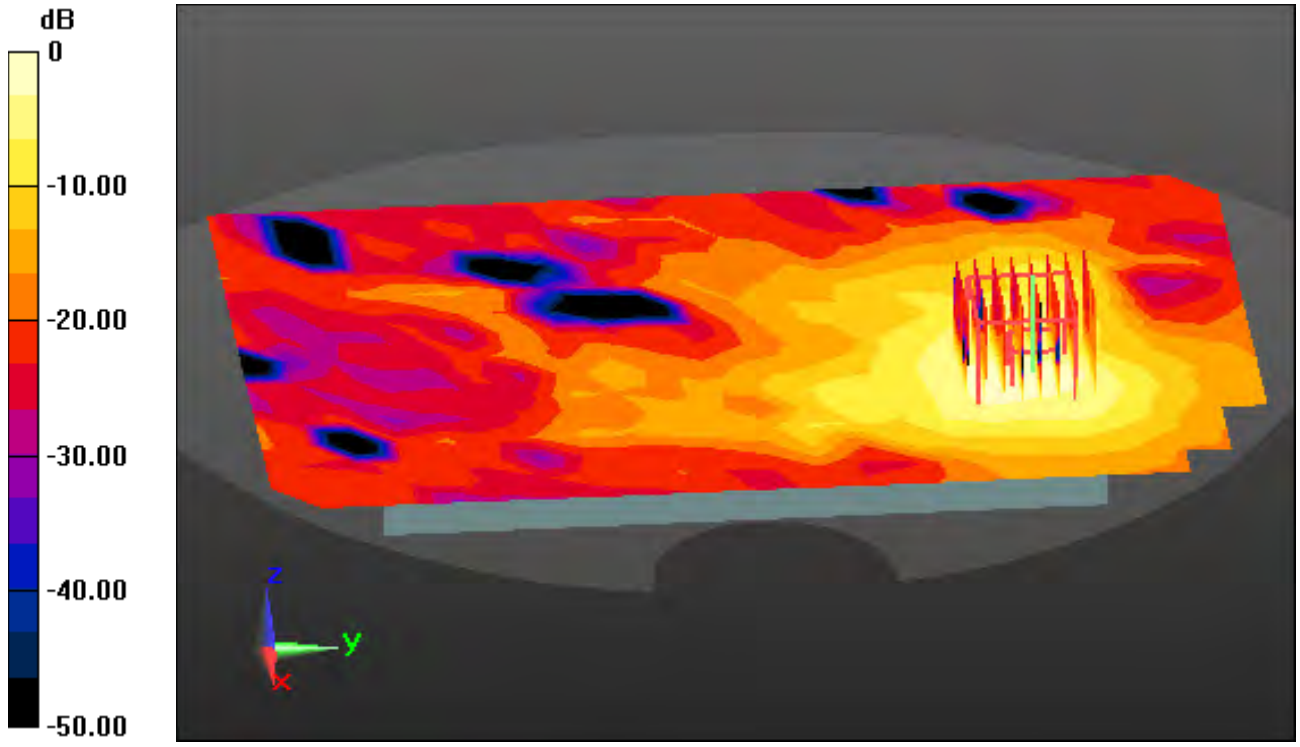
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 5.823 S/m; ε_r = 47.824; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

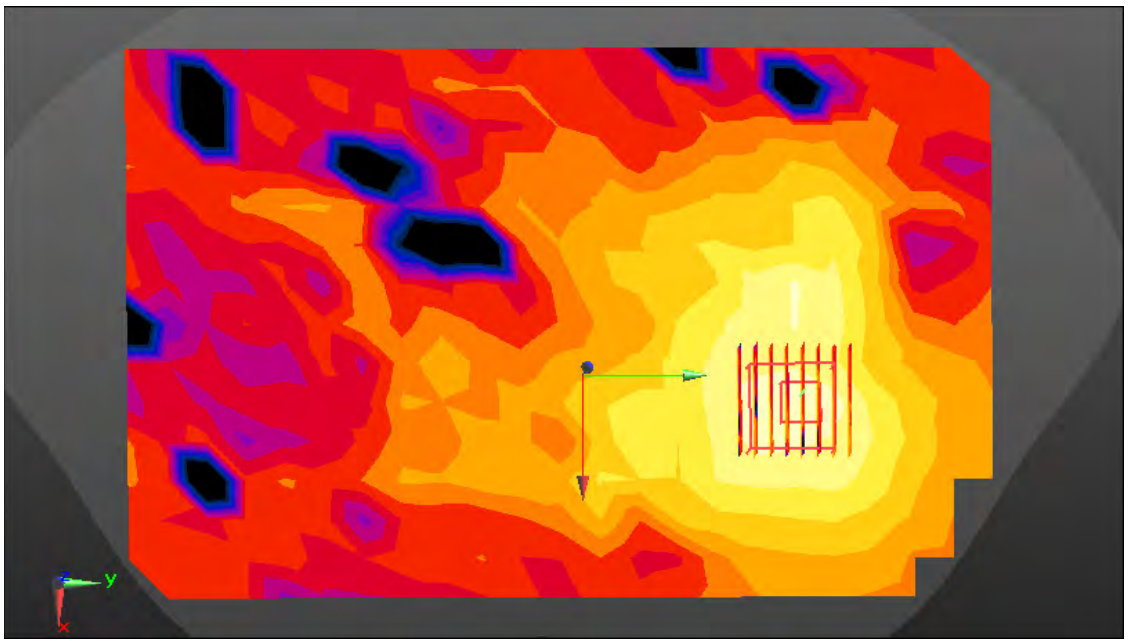
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.116 W/kg



0 dB = 0.842 W/kg



Enlarged Plot for A61

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

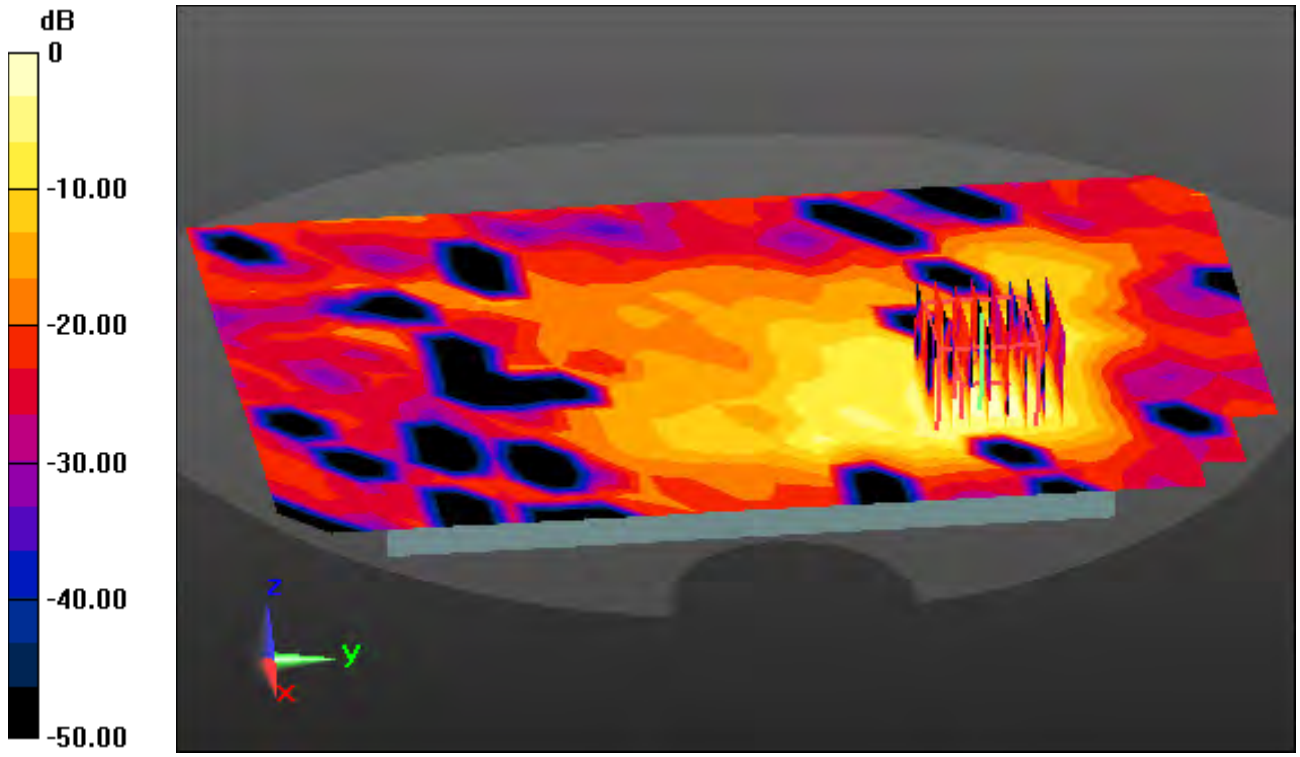
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5710 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5710 MHz; σ = 5.751 S/m; ε_r = 48.194; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

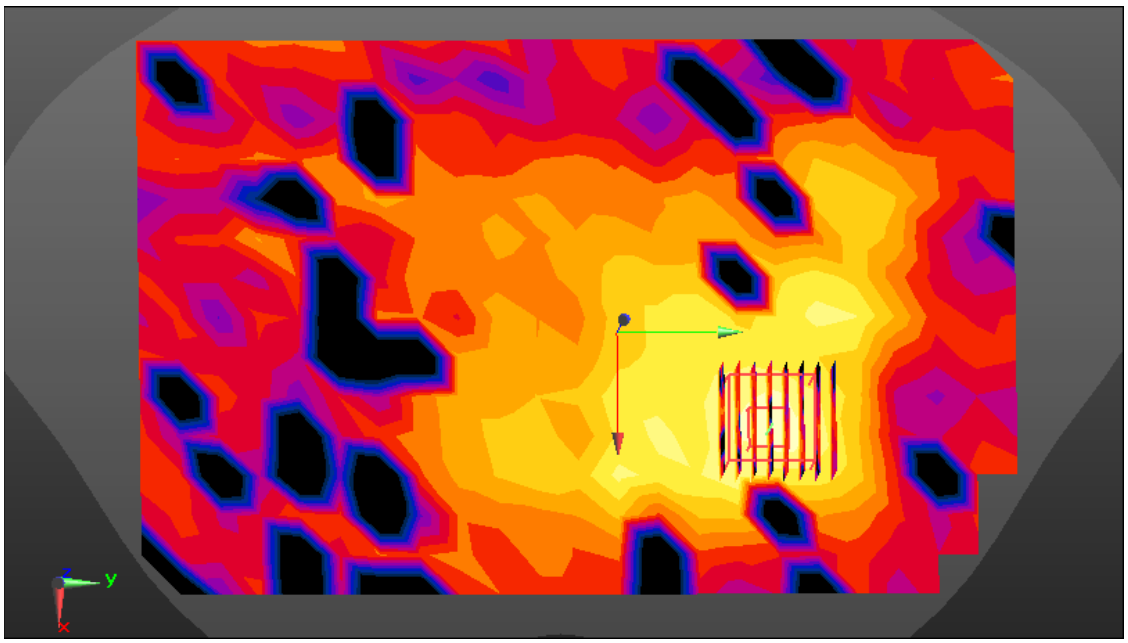
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

1 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 142, Ant. Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.080 W/kg



0 dB = 0.700 W/kg



Enlarged Plot for A62

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

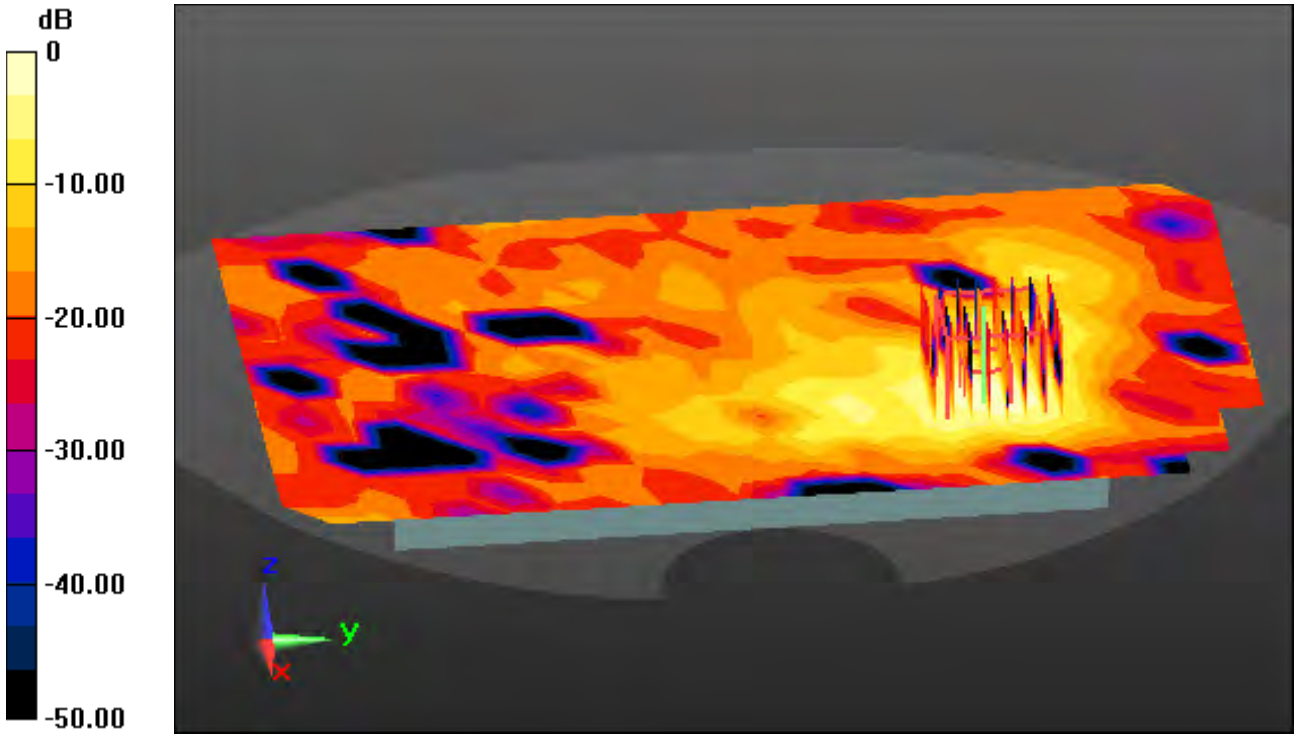
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5795 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5795 MHz; σ = 5.835 S/m; ε_r = 47.814; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

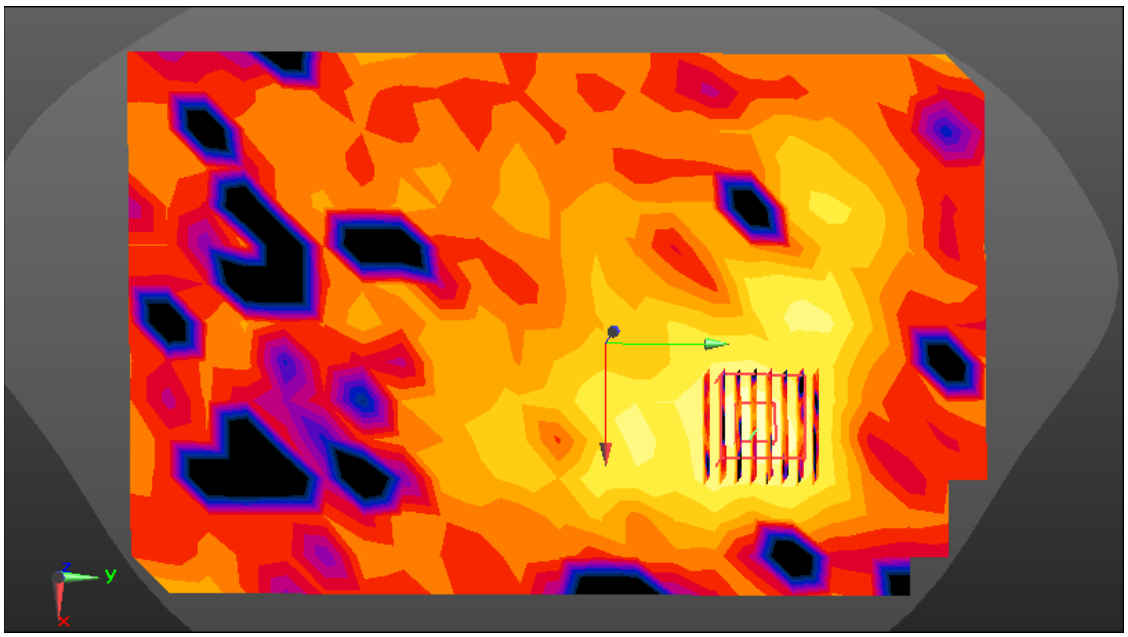
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

1 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 159, Ant. Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.727 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.052 W/kg



0 dB = 0.428 W/kg



Enlarged Plot for A63

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

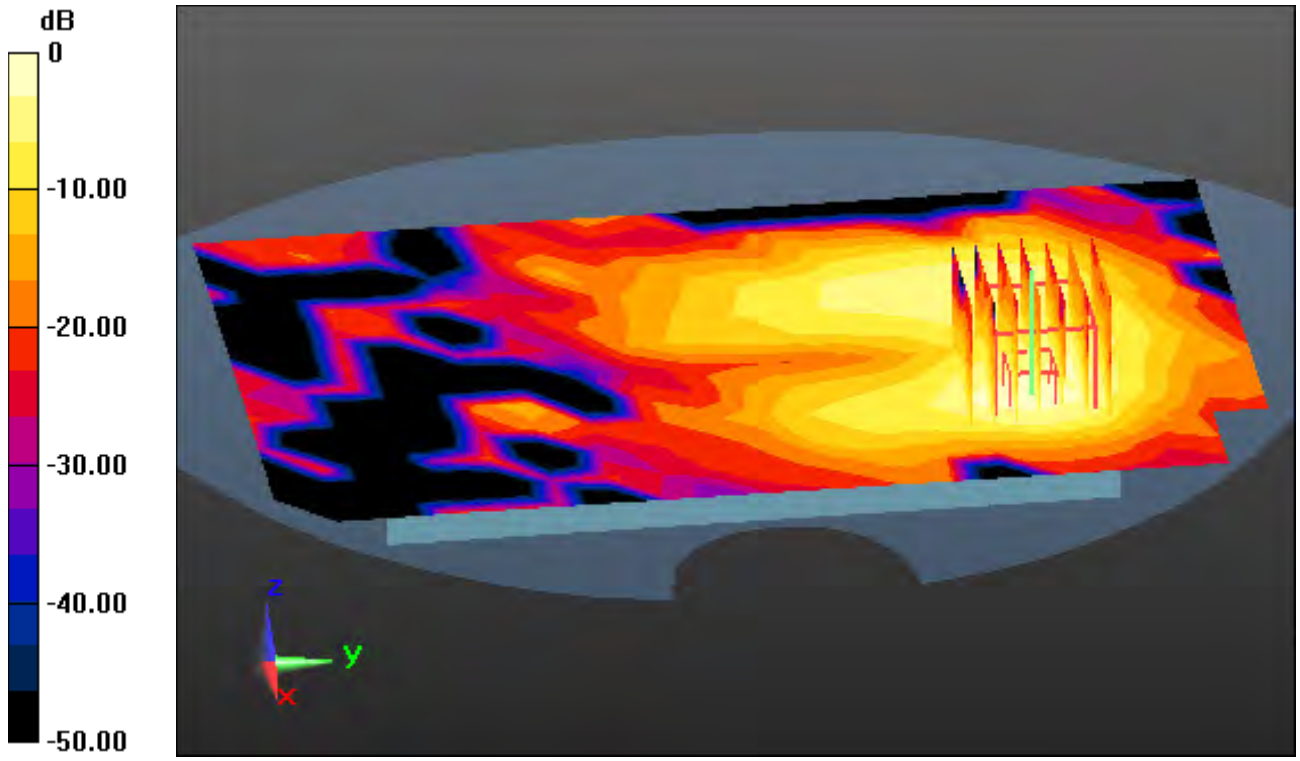
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.967 S/m; ε_r = 53.567; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.69, 7.69, 7.69); Calibrated: 4/25/2018; Electronics: DAE4 Sn1391
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

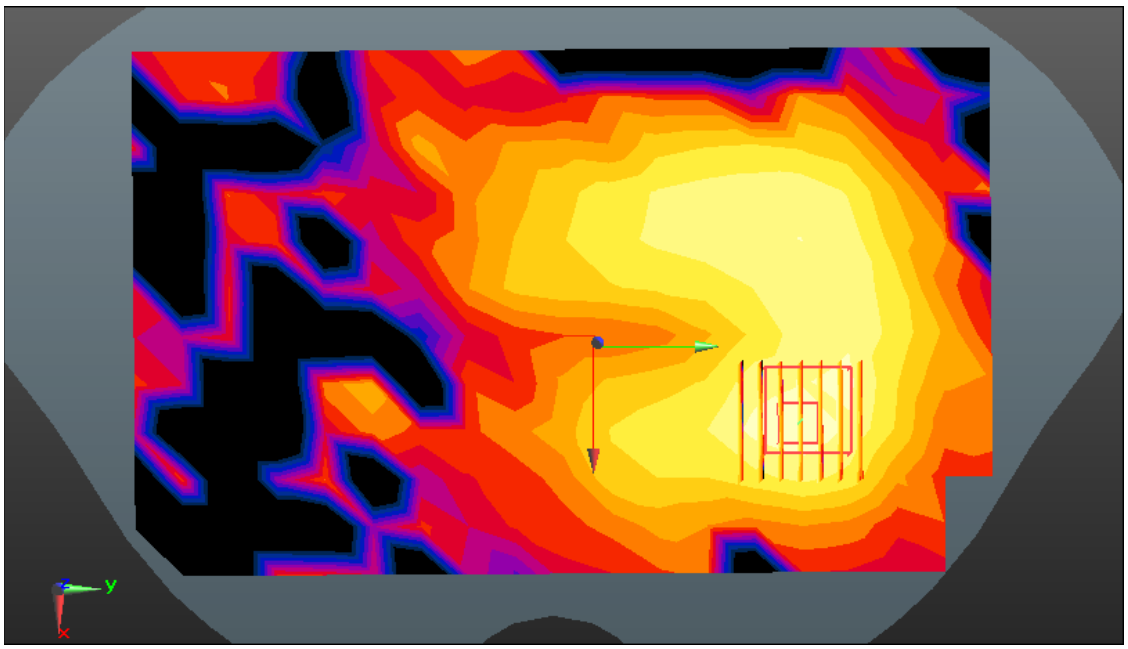
Test Date: 2019-03-19; Ambient Temp: 20.6; Tissue Temp: 21.0

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

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.017 W/kg



0 dB = 0.0613 W/kg



Enlarged Plot for A64

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

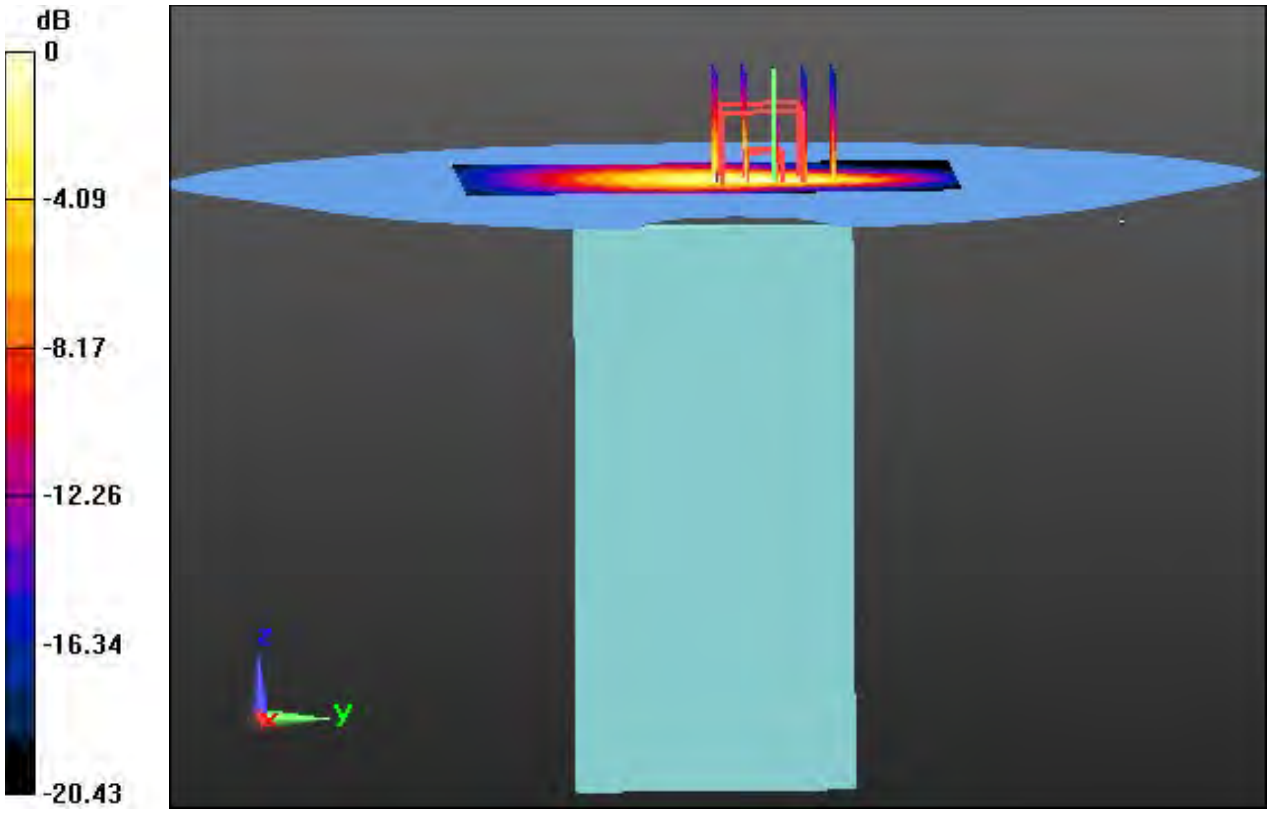
Communication System: UID 0, PCS 1900 3 Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium parameters used: f = 1880 MHz; σ = 1.514 S/m; ε_r = 55.251; ρ = 1000 kg/m^3
Phantom section: Flat Section

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)

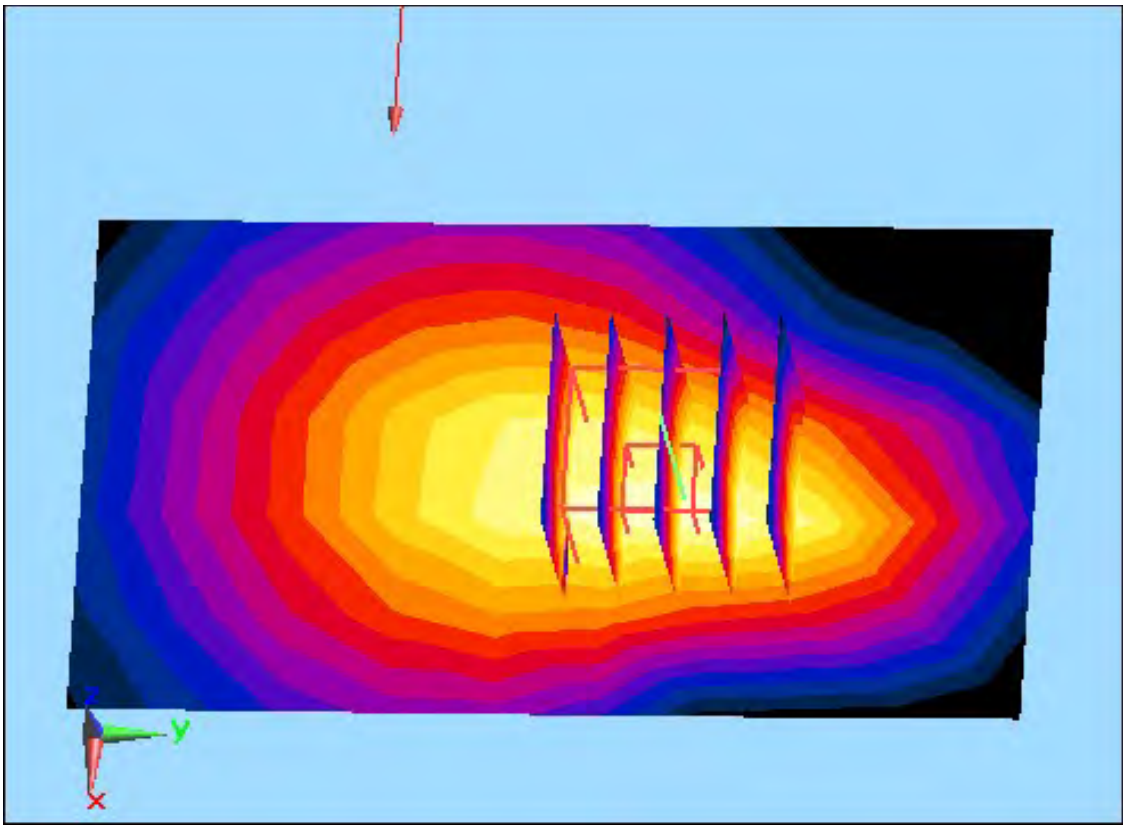
Test Date: 2019-03-19; Ambient Temp: 22.2; Tissue Temp: 21.9

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

Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.160 W/kg



0 dB = 0.434 W/kg



Enlarged Plot for A65

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

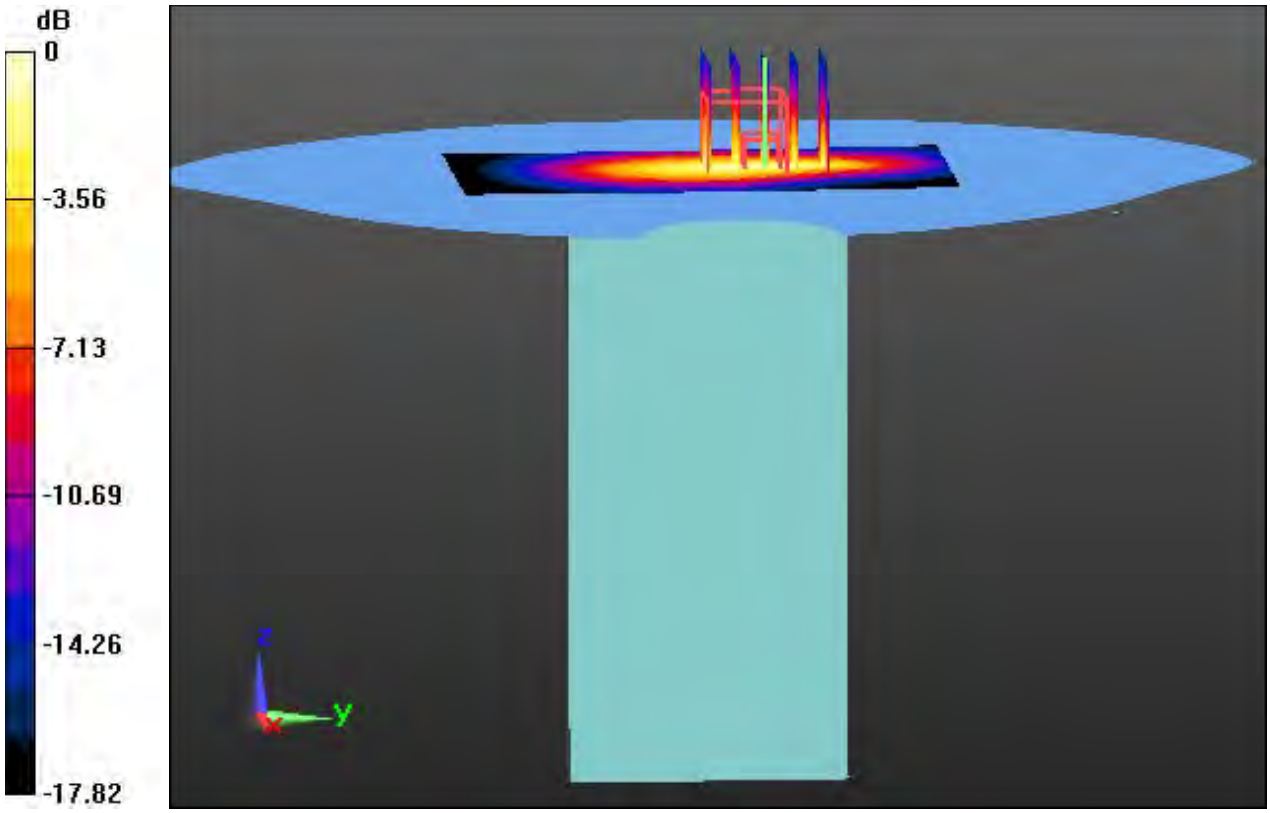
Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.471 S/m; ε_r = 55.395; ρ = 1000 kg/m^3
Phantom section: Flat Section

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)

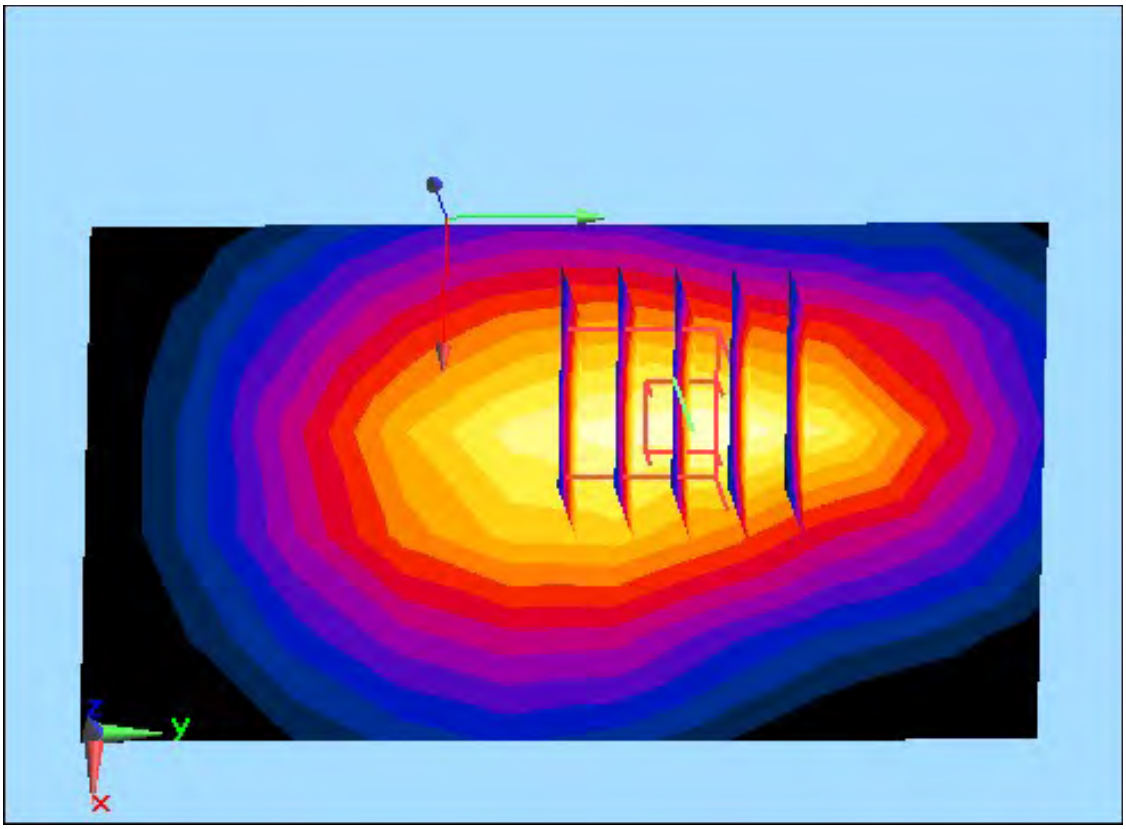
Test Date: 2019-03-21; Ambient Temp: 21.6; Tissue Temp: 21.4

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

Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.364 W/kg



0 dB = 0.933 W/kg



Enlarged Plot for A66

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

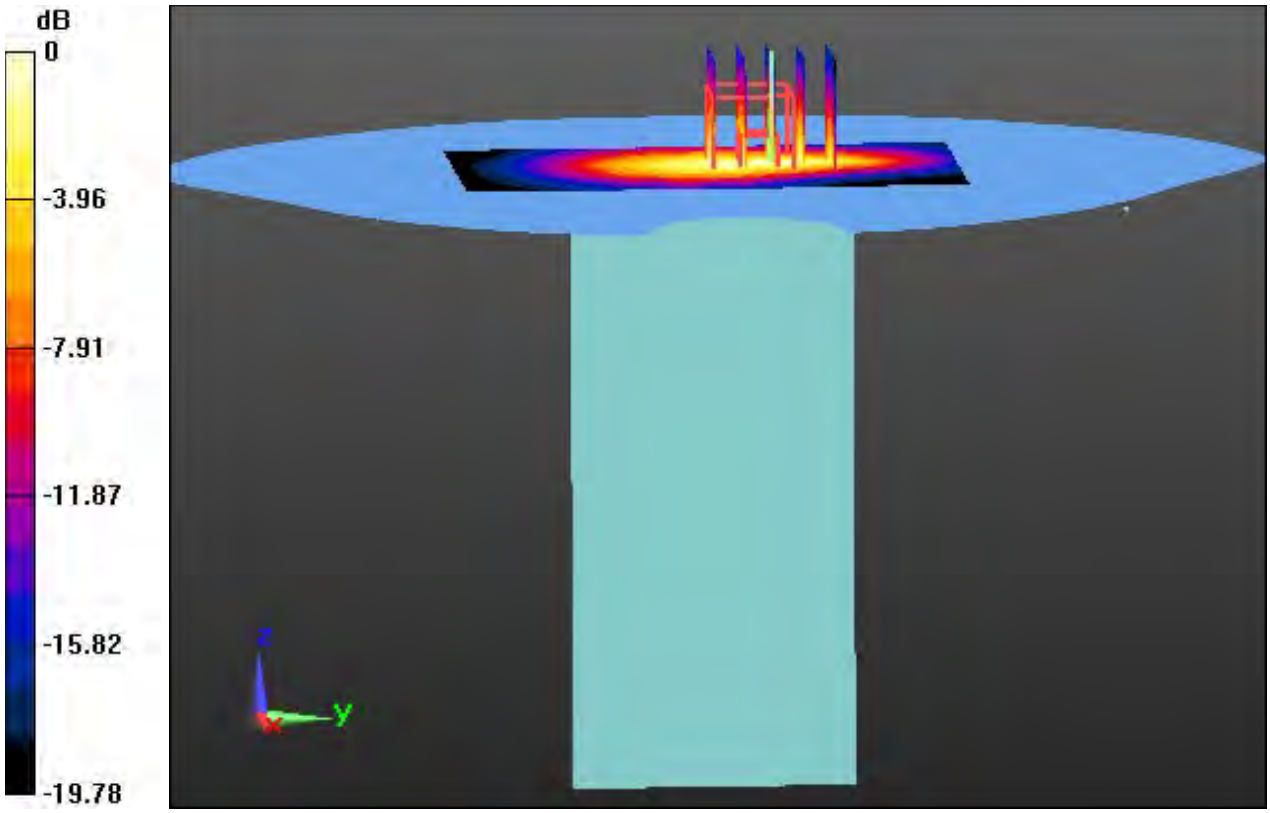
Communication System: UID 0, WCDMA 1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.514 S/m; ε_r = 55.251; ρ = 1000 kg/m^3
Phantom section: Flat Section

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)

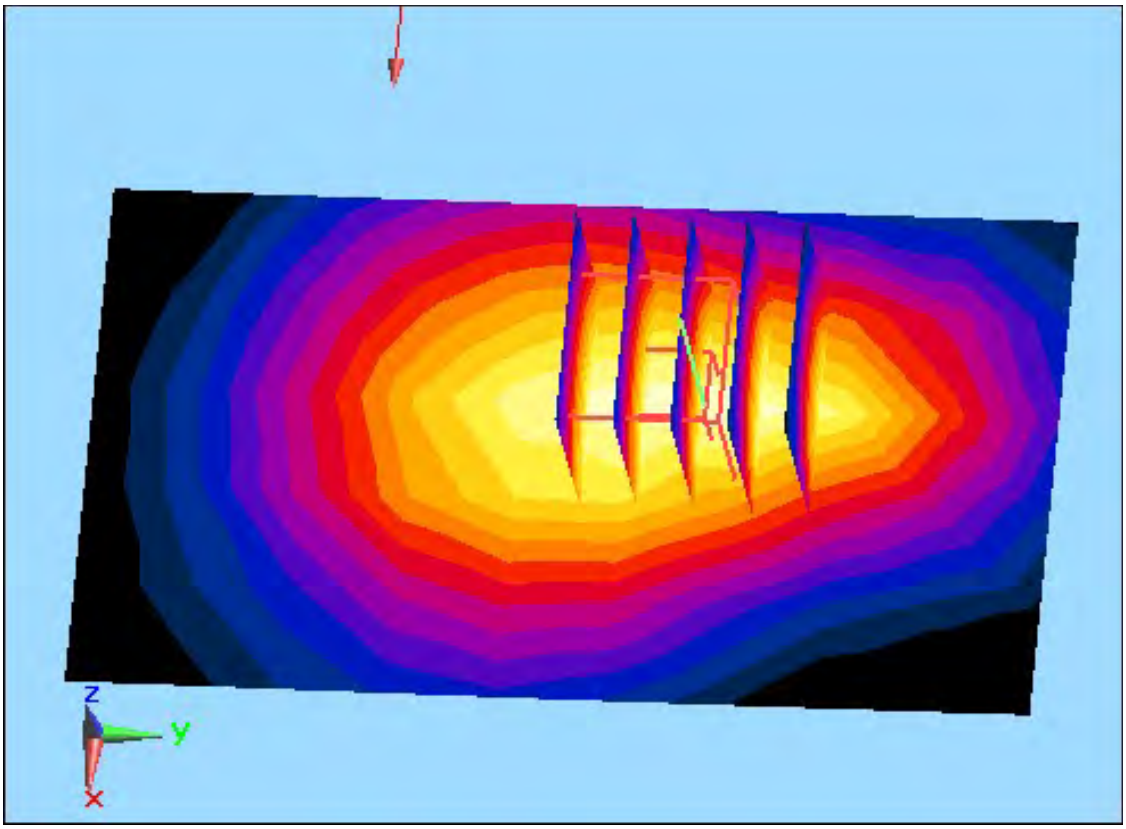
Test Date: 2019-03-19; Ambient Temp: 22.2; Tissue Temp: 21.9

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

Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.328 W/kg



0 dB = 0.869 W/kg



Enlarged Plot for A67

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; σ = 1.502 S/m; ε_r = 55.252; ρ = 1000 kg/m^3
Phantom section: Flat Section

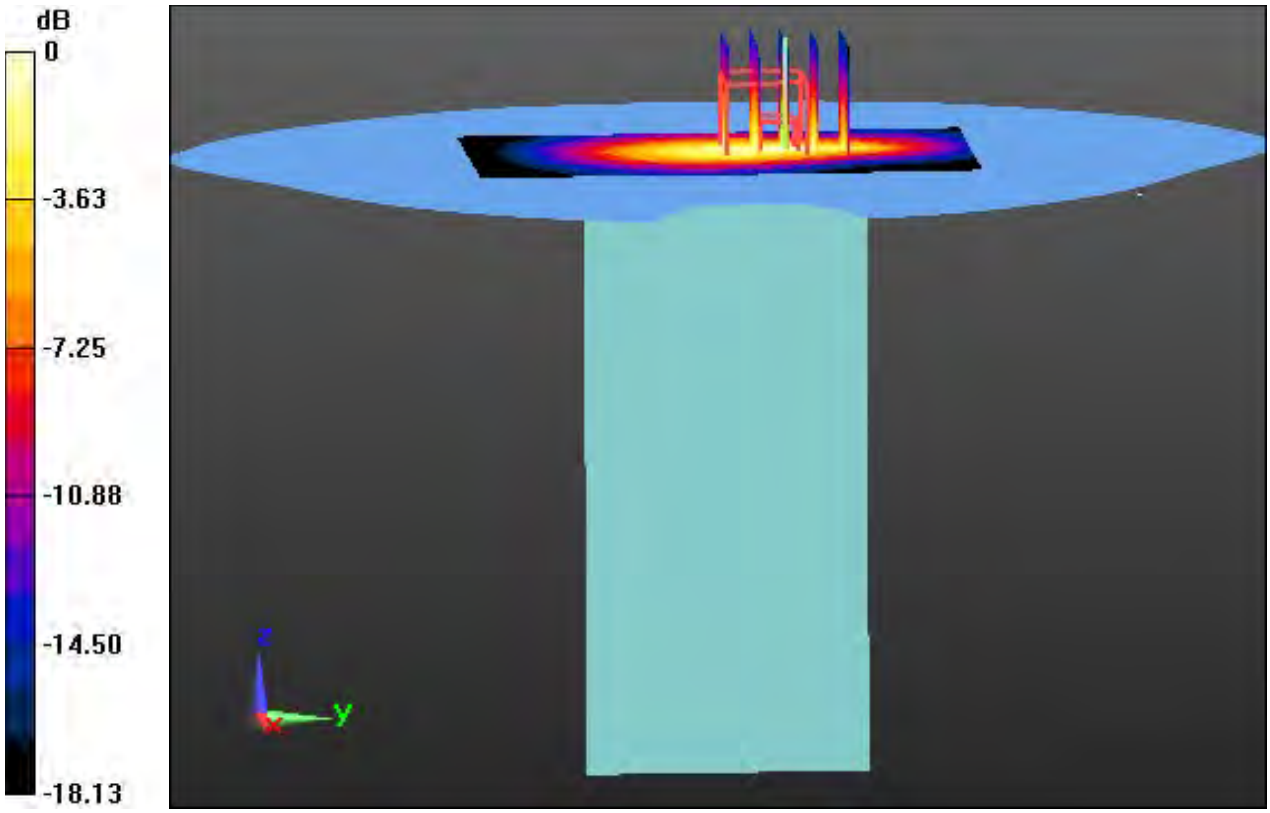
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.42, 8.42, 8.42) @ 1770 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

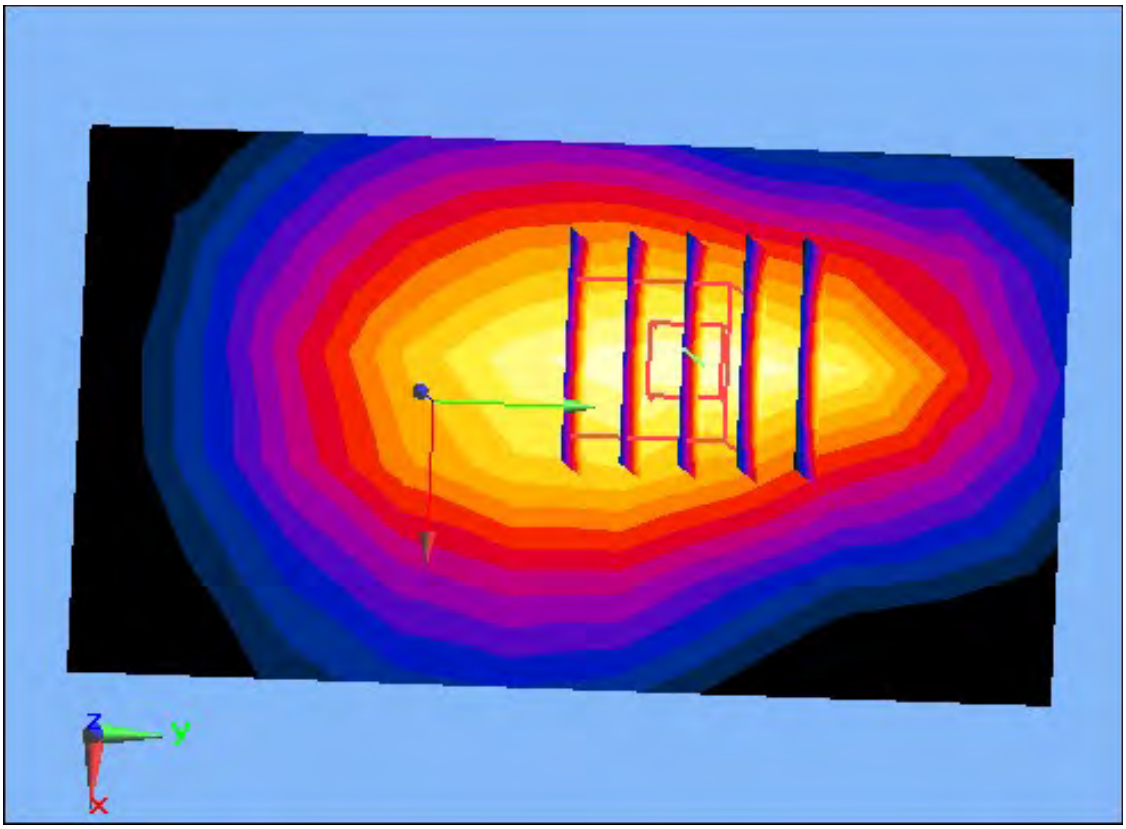
1 cm space from Body, Bottom, LTE Band 66 Ch. 132572, Ant Internal

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

Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.365 W/kg



0 dB = 0.931 W/kg



Enlarged Plot for A68

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; σ = 1.498 S/m; ε_r = 55.342; ρ = 1000 kg/m^3
Phantom section: Flat Section

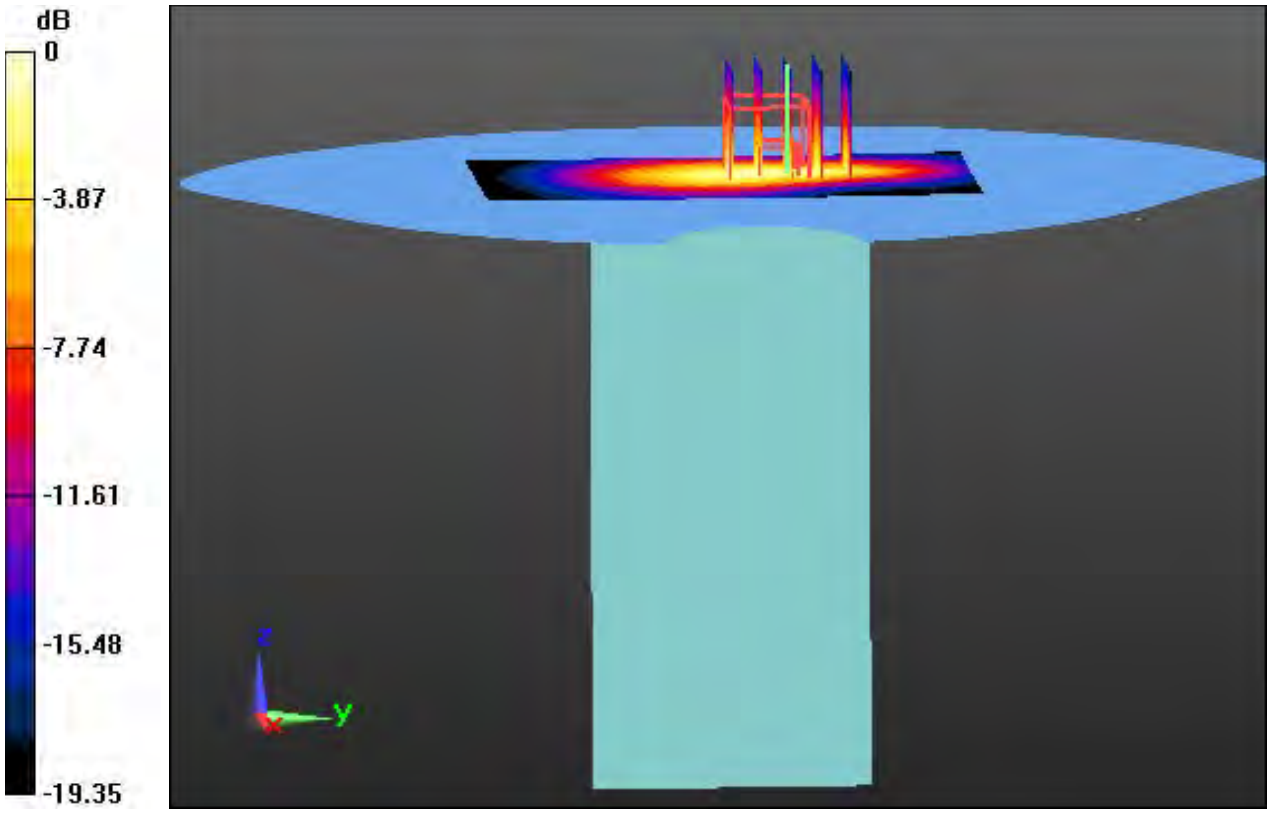
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(8.03, 8.03, 8.03) @ 1860 MHz; Calibrated: 2018-11-22
Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

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

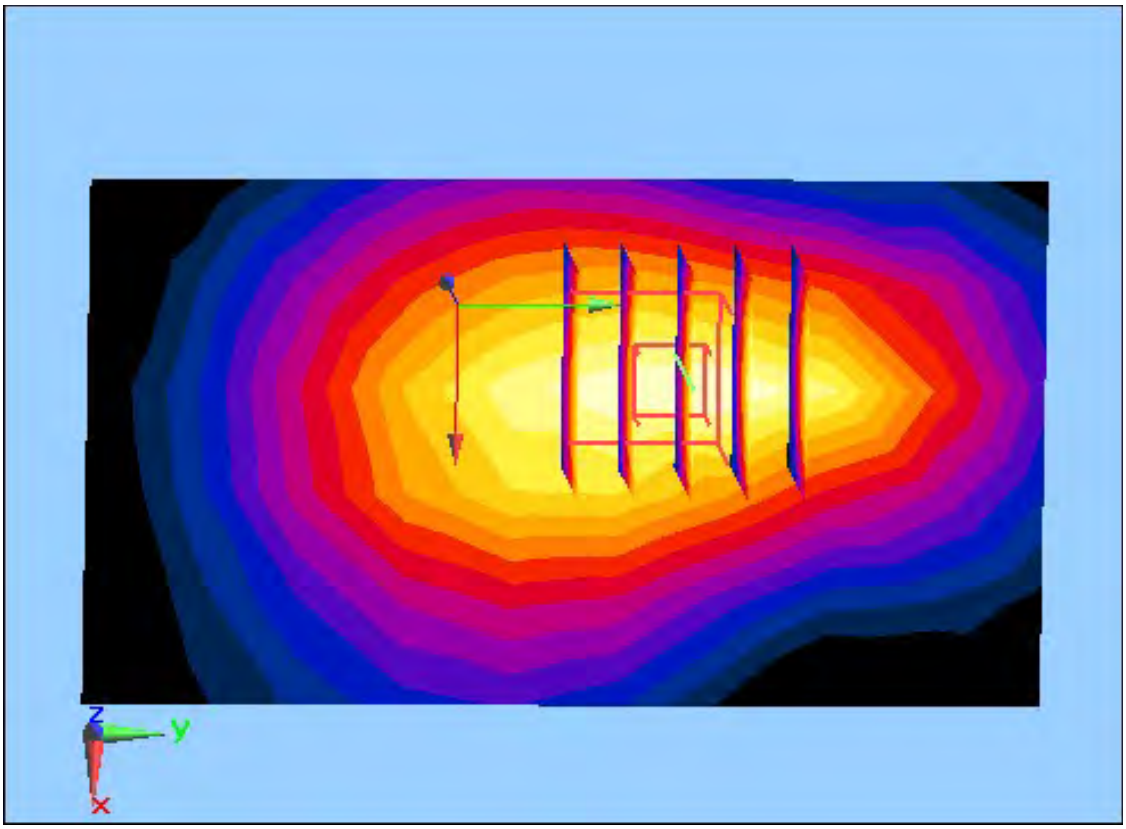
1 cm space from Body, Bottom, LTE Band 2 Ch. 18700, Ant Internal

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

Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.326 W/kg



0 dB = 0.854 W/kg



Enlarged Plot for A69

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; σ = 2.053 S/m; ε_r = 51.642; ρ = 1000 kg/m^3
Phantom section: Flat Section

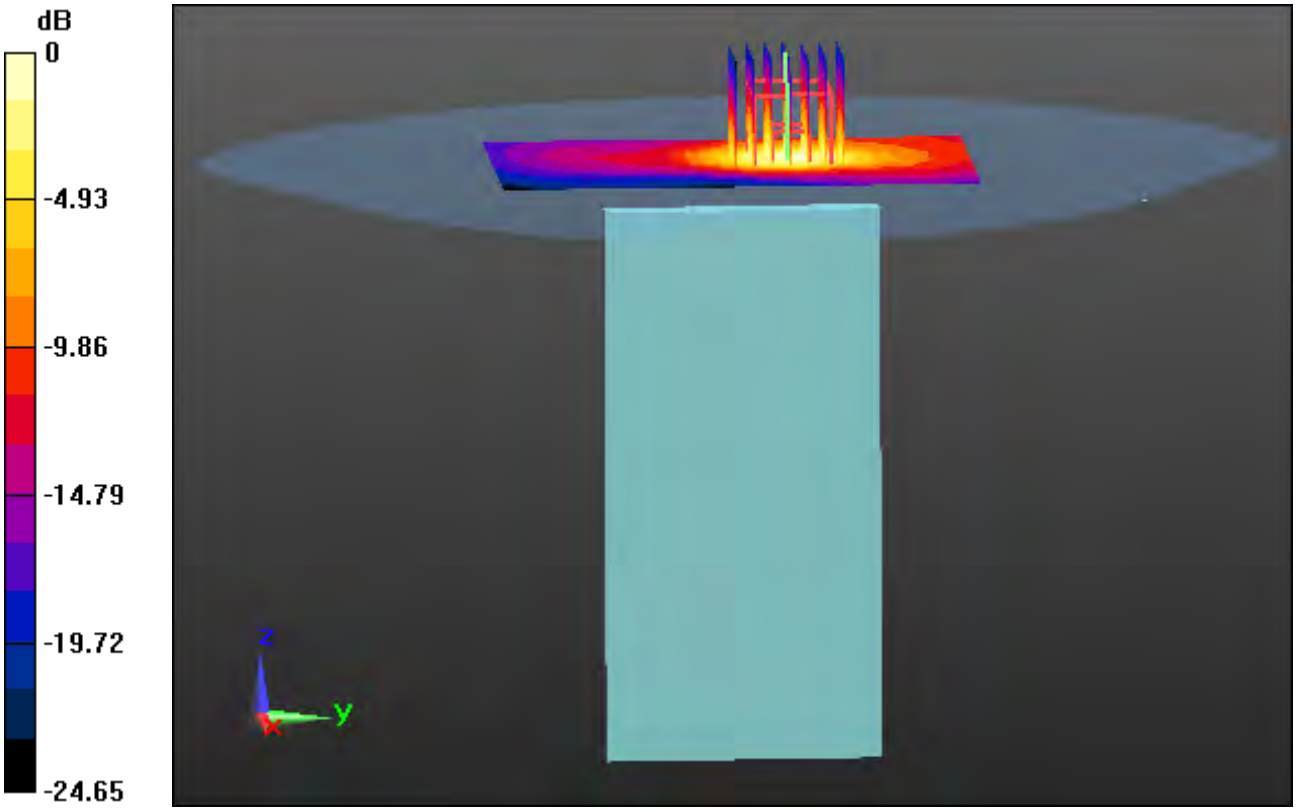
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-04-08; Ambient Temp: 20.8; Tissue Temp: 20.7

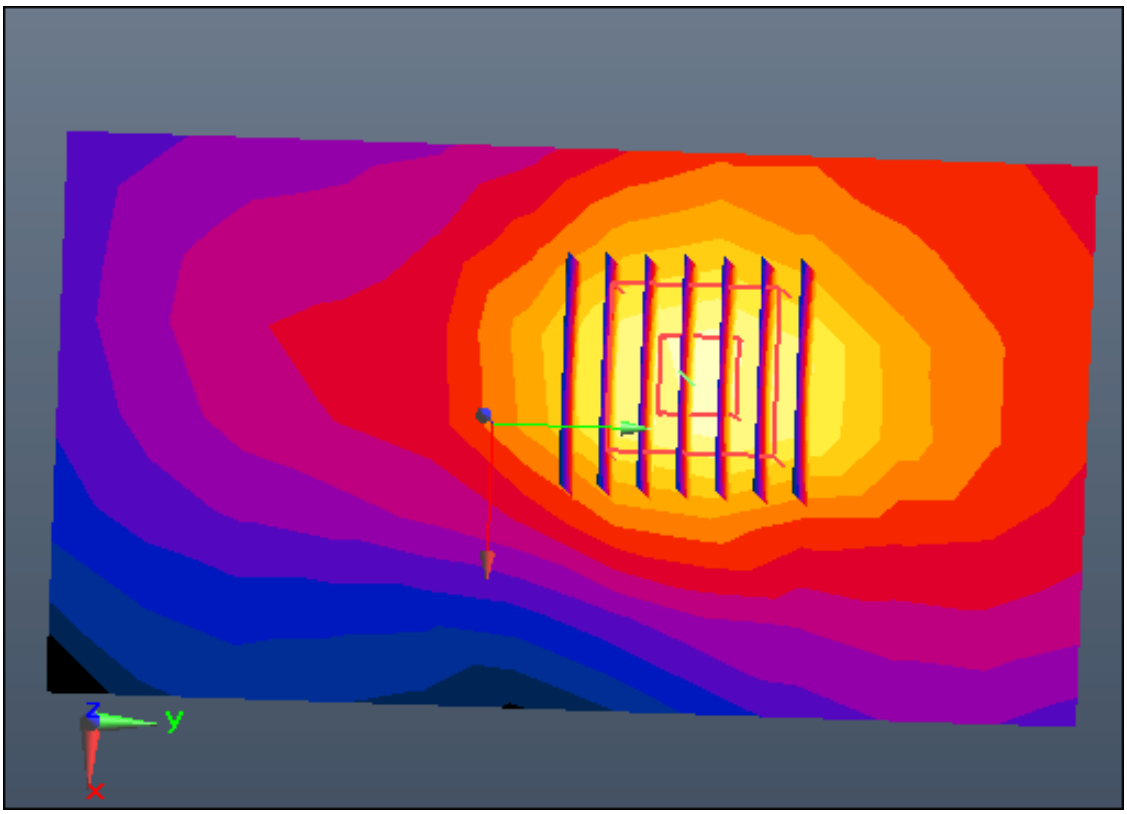
1 cm space from Body, Bottom, LTE Band 7 Ch. 21350, Ant Internal

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

Area Scan (7x12x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.370 W/kg



0 dB = 1.22 W/kg



Enlarged Plot fot A70

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; σ = 2.193 S/m; ε_r = 51.347; ρ = 1000 kg/m^3
Phantom section: Flat Section

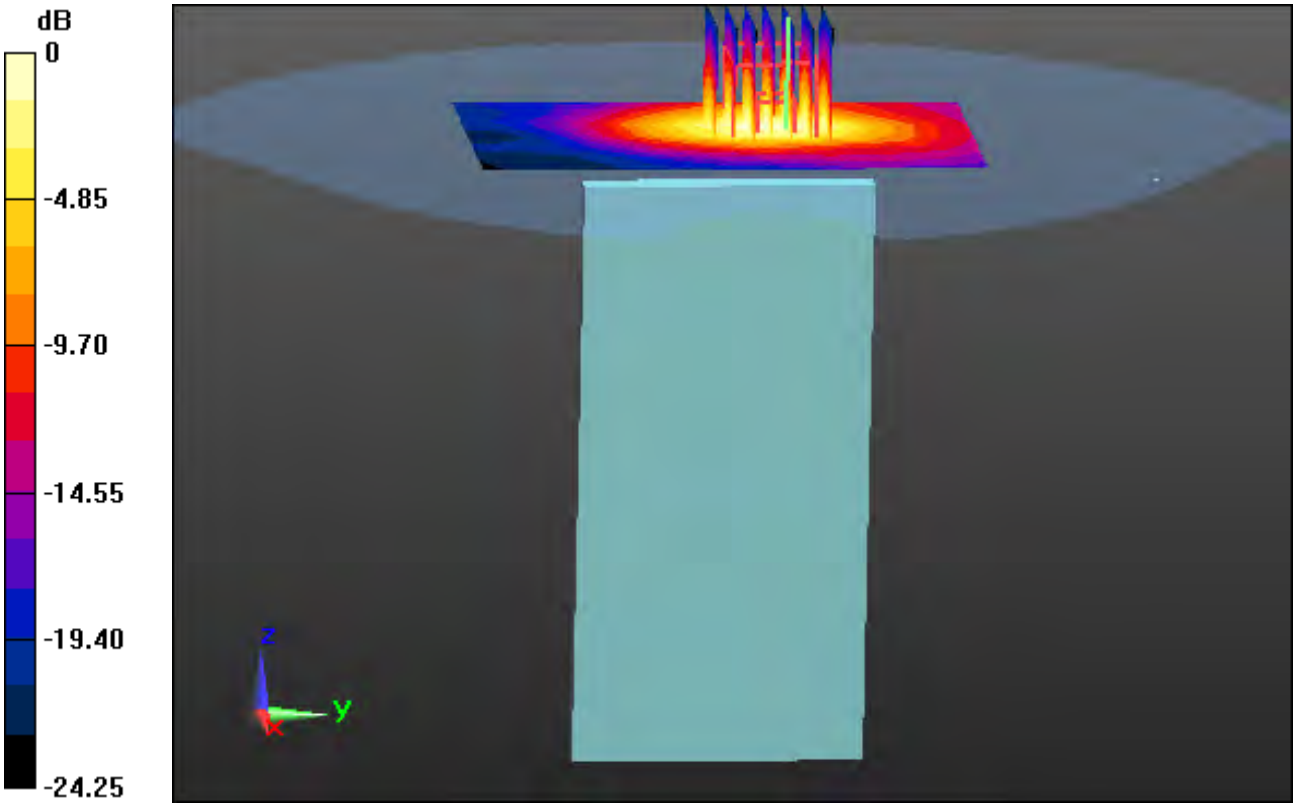
DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-04-04; Ambient Temp: 21.0; Tissue Temp: 20.8

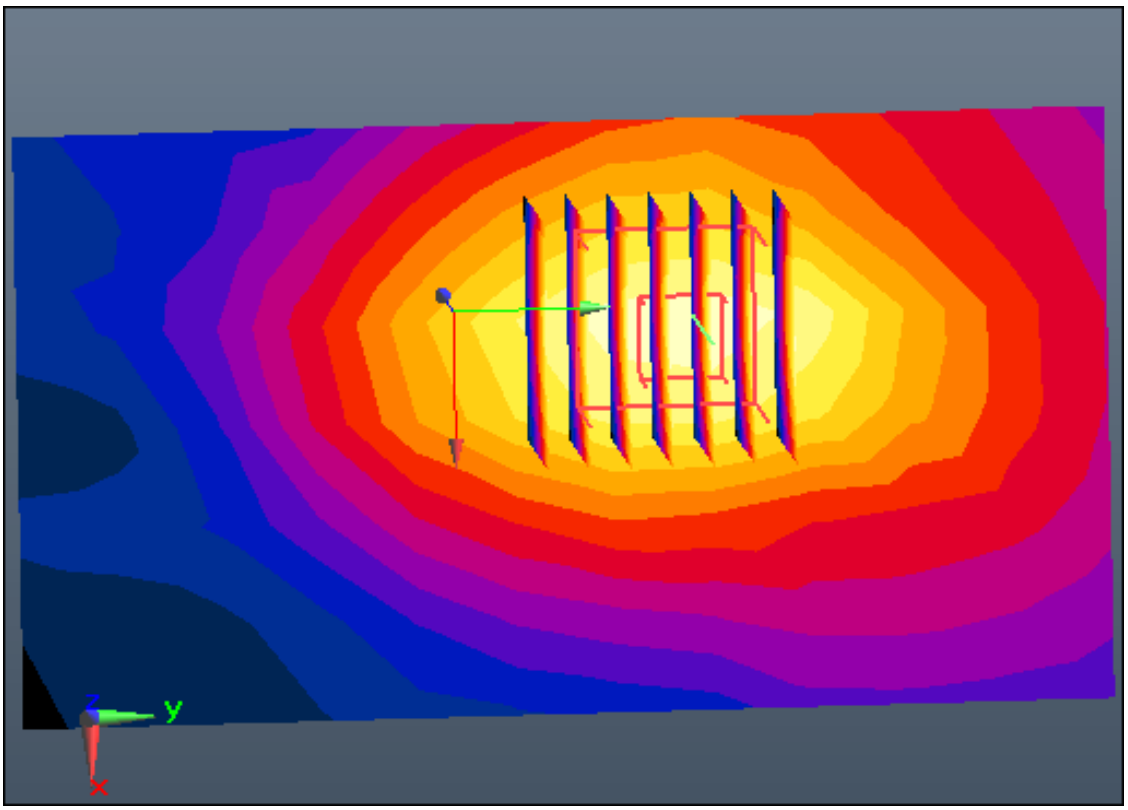
1 cm space from Body, Bottom, LTE Band 41 Ch. 41490, Ant Internal

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

Area Scan (7x12x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.188 W/kg



0 dB = 0.599 W/kg



Enlarged Plot fot A71

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

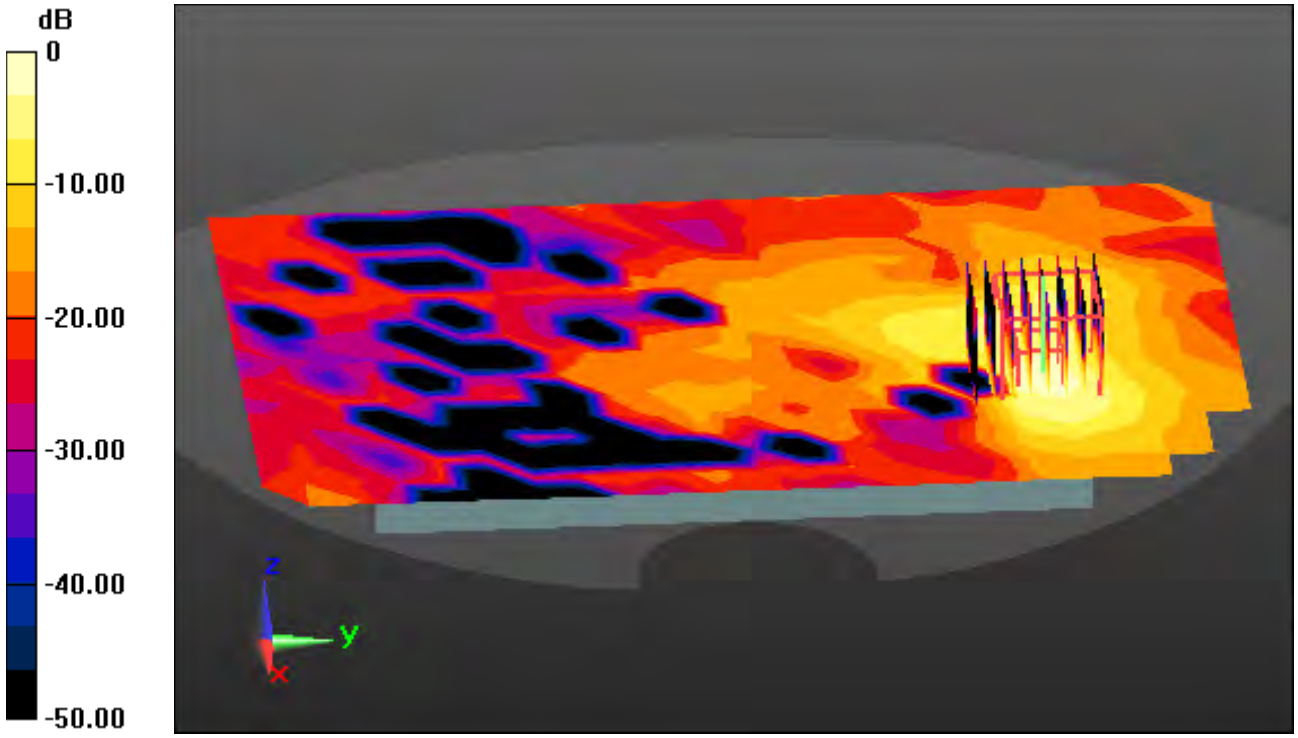
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5220 MHz; σ = 5.228 S/m; ε_r = 49.159; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

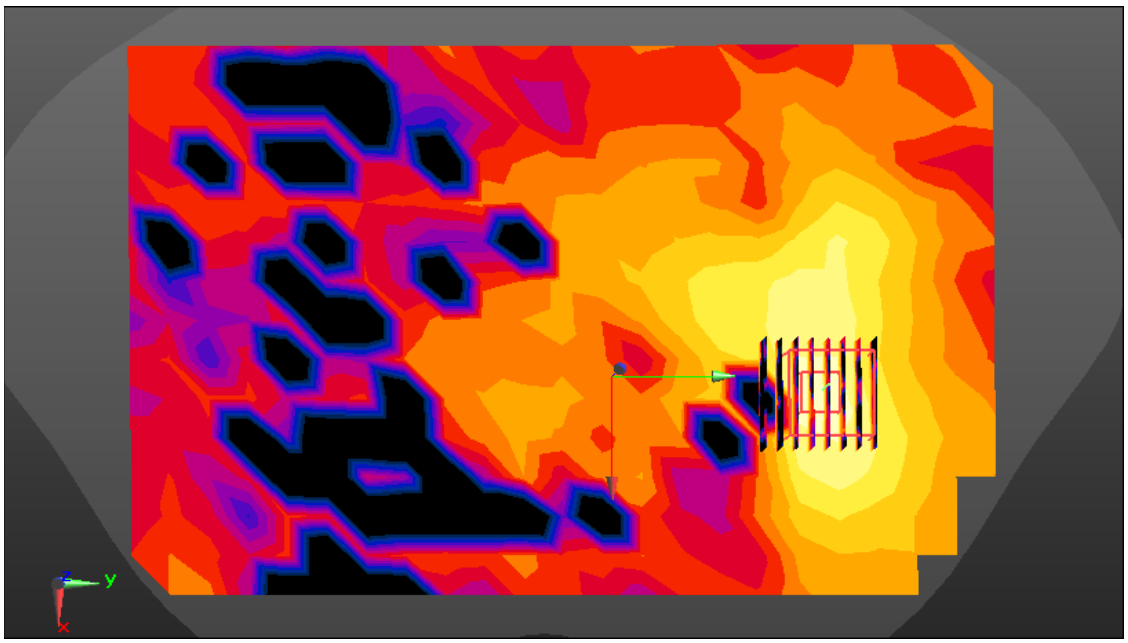
Test Date: 2019-04-01; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.075 W/kg



0 dB = 0.641 W/kg



Enlarged Plot for A72

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

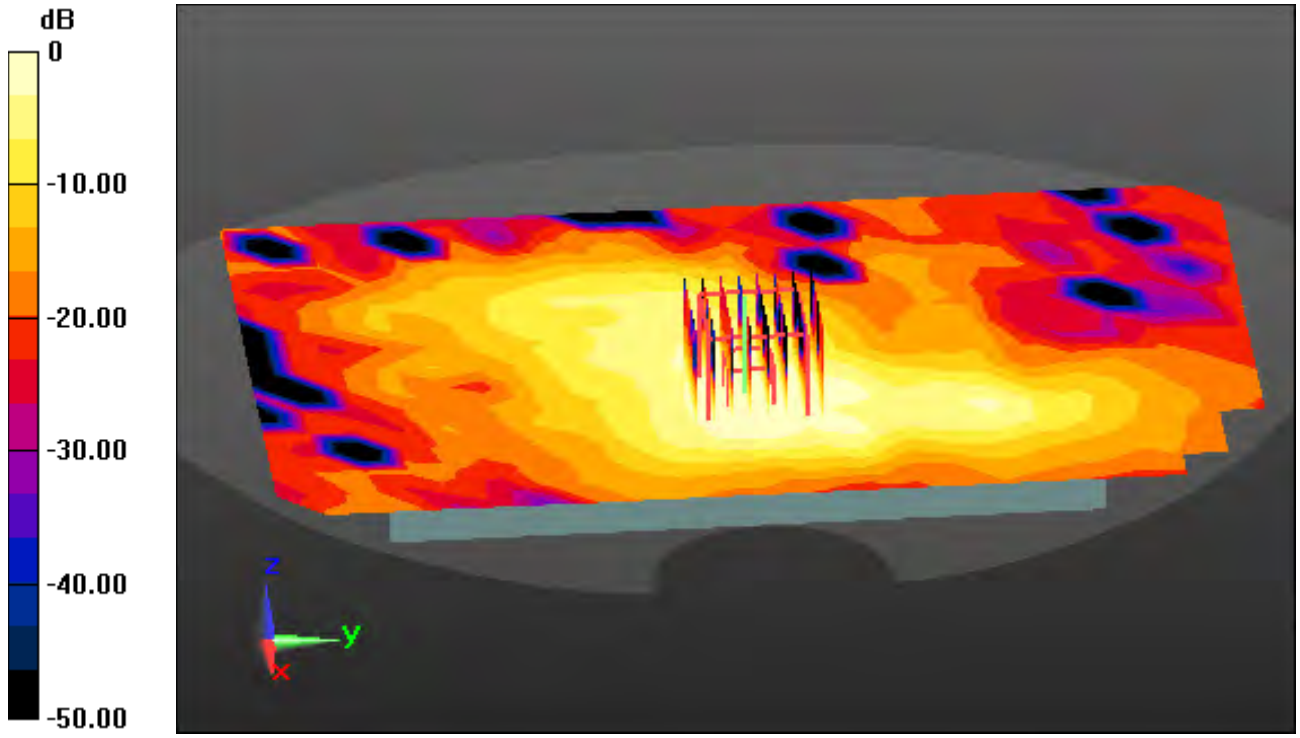
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5220 MHz; σ = 5.228 S/m; ε_r = 49.159; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

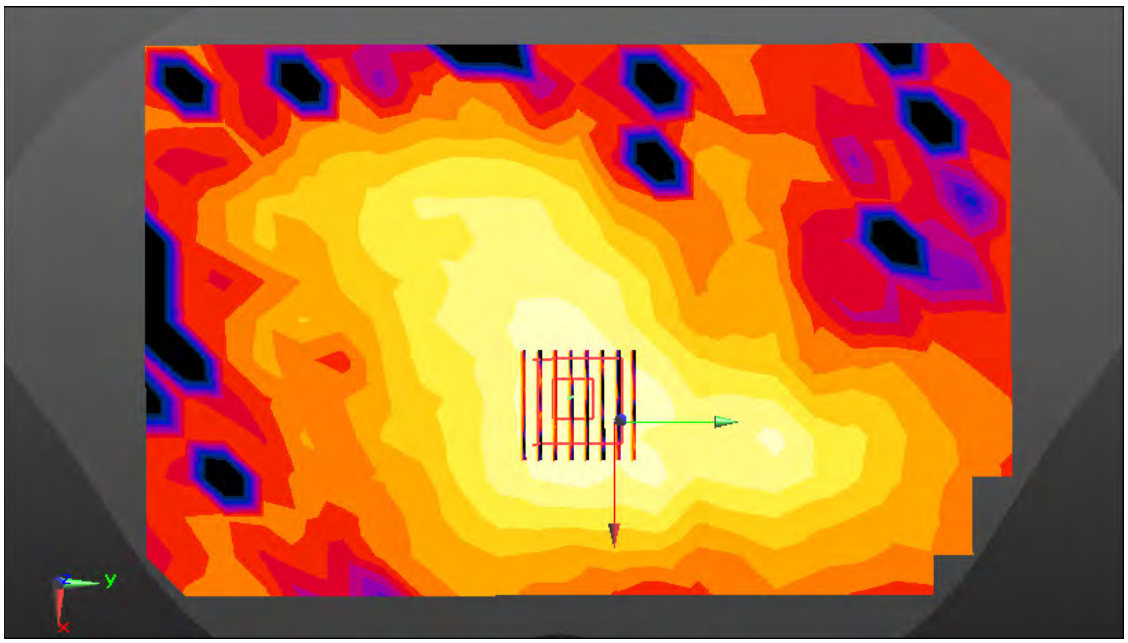
Test Date: 2019-04-01; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.796 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.093 W/kg



0 dB = 0.498 W/kg



Enlarged Plot for A73

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

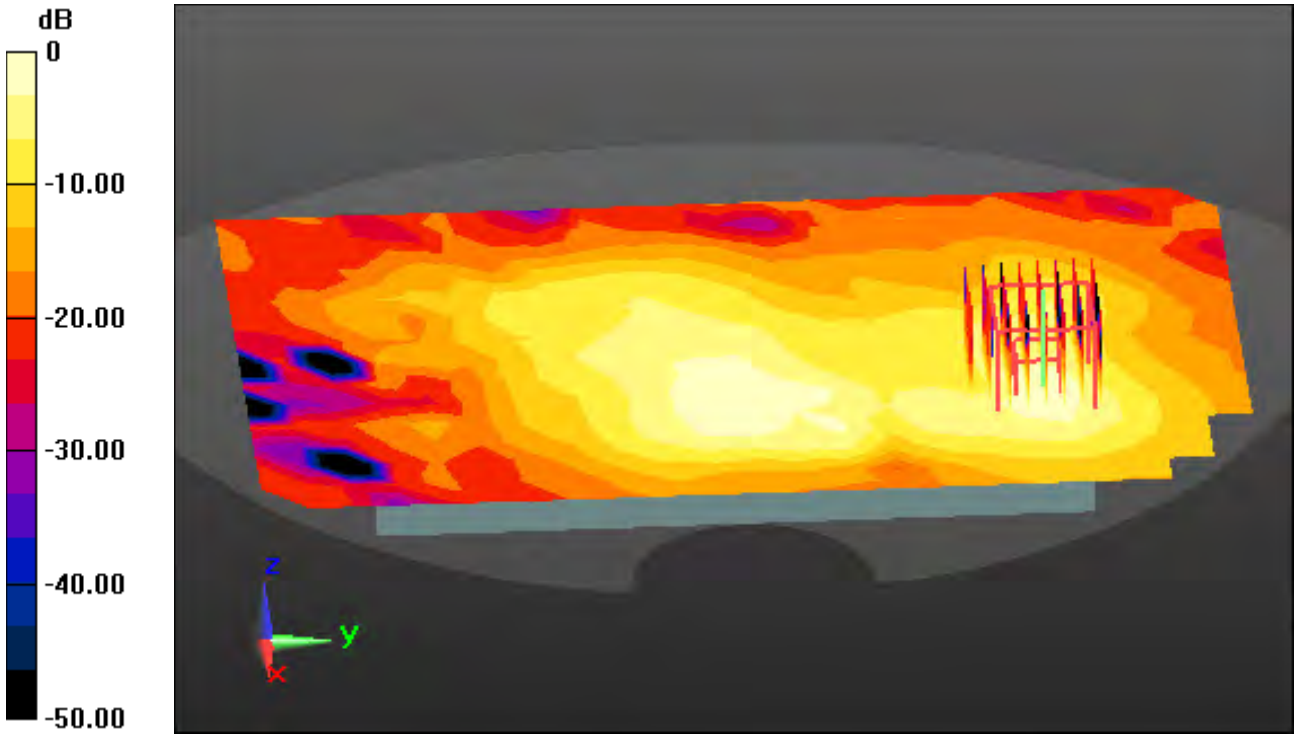
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5220 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5220 MHz; σ = 5.228 S/m; ε_r = 49.159; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

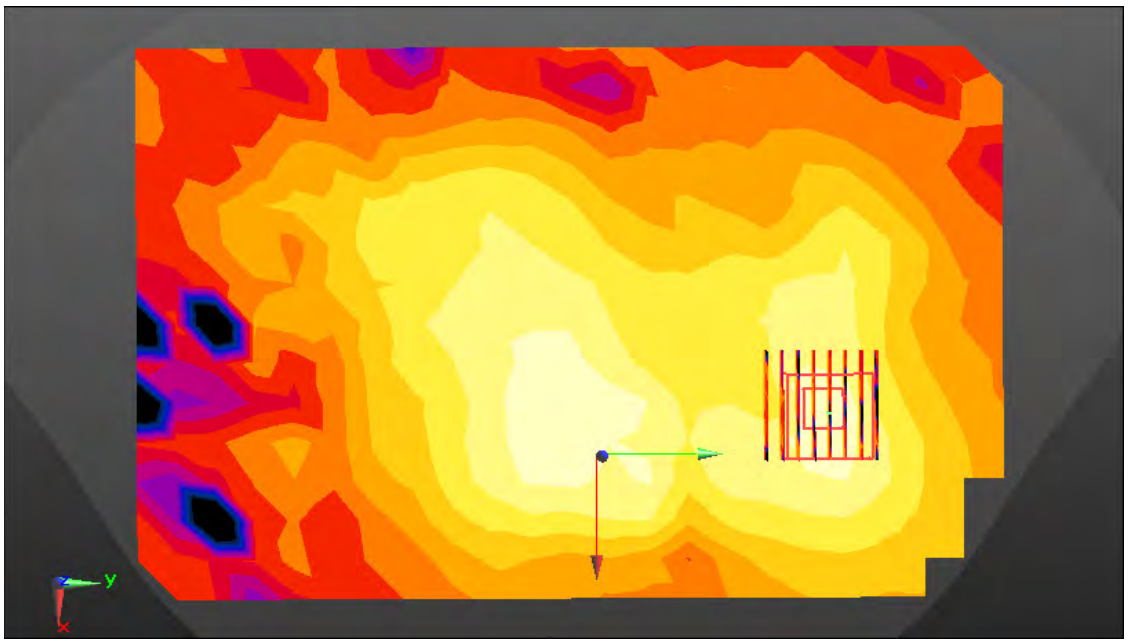
Test Date: 2019-04-01; Ambient Temp: 20.3; Tissue Temp: 20.5

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

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.081 W/kg



0 dB = 0.637 W/kg



Enlarged Plot for A74

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

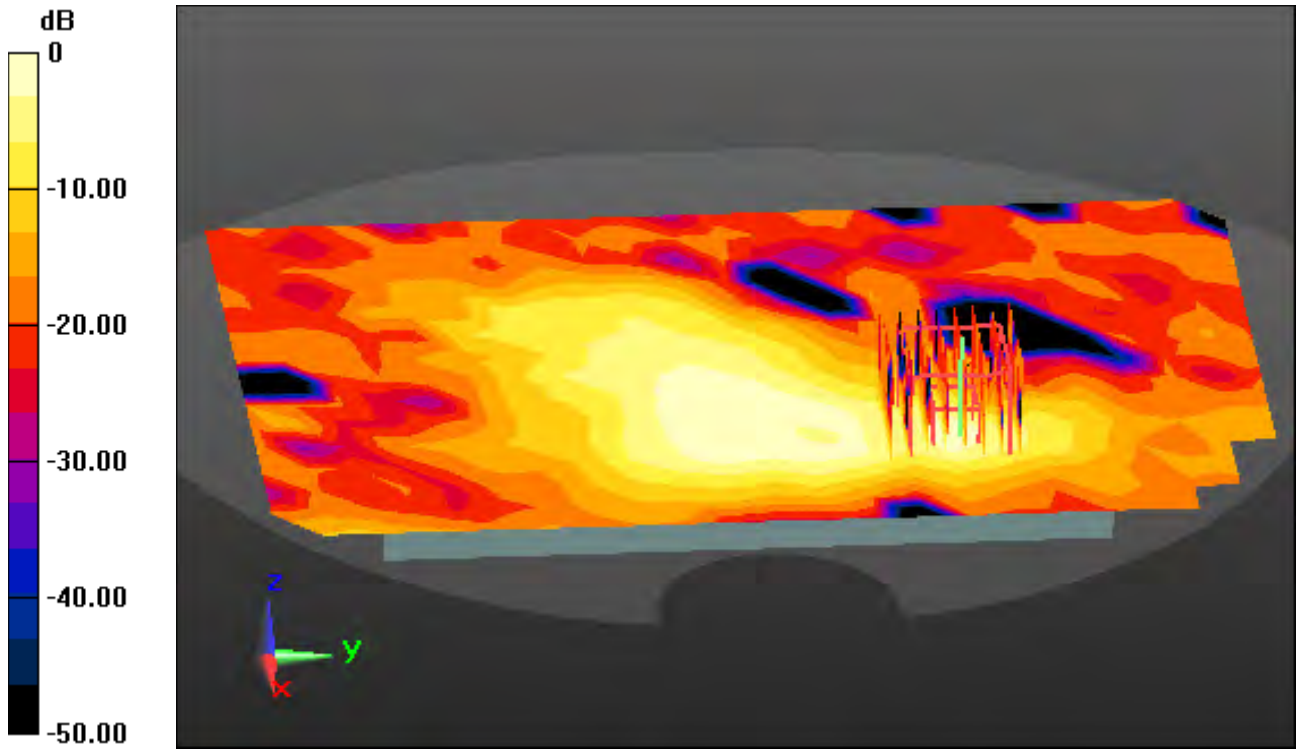
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 5.24 S/m; ε_r = 49.128; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

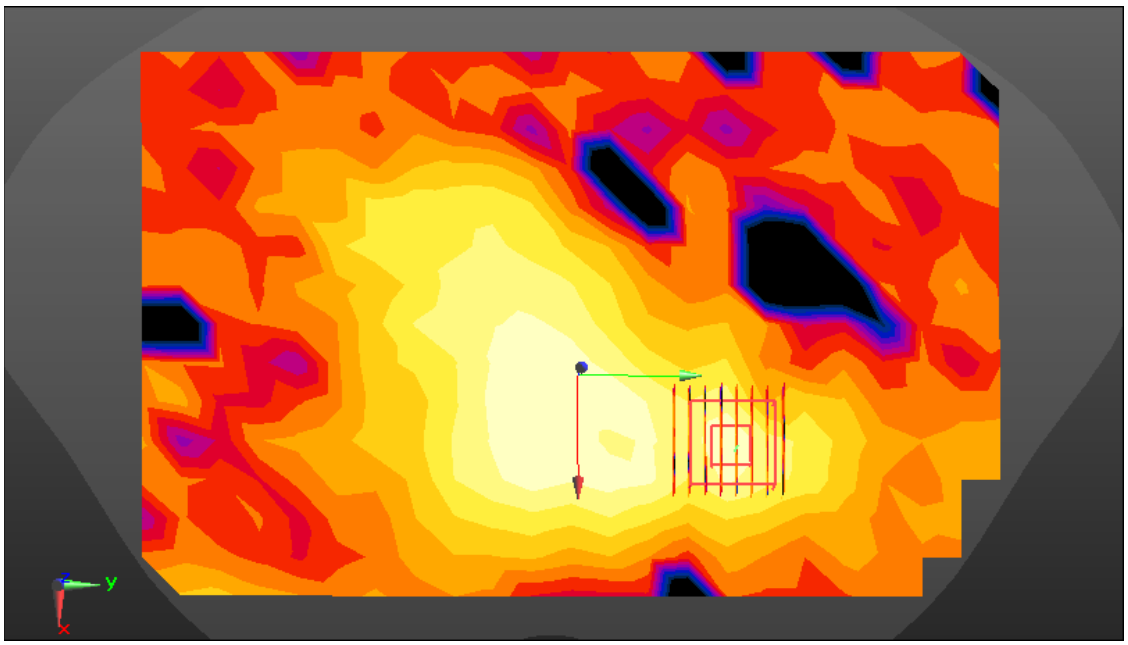
Test Date: 2019-04-01; Ambient Temp: 20.3; Tissue Temp: 20.5

1 cm space from Body, Rear, WLAN(802.11n HT40) Ch. 46, Ant. Internal, Ant.2

Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.036 W/kg



0 dB = 0.356 W/kg



Enlarged Plot for A75

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

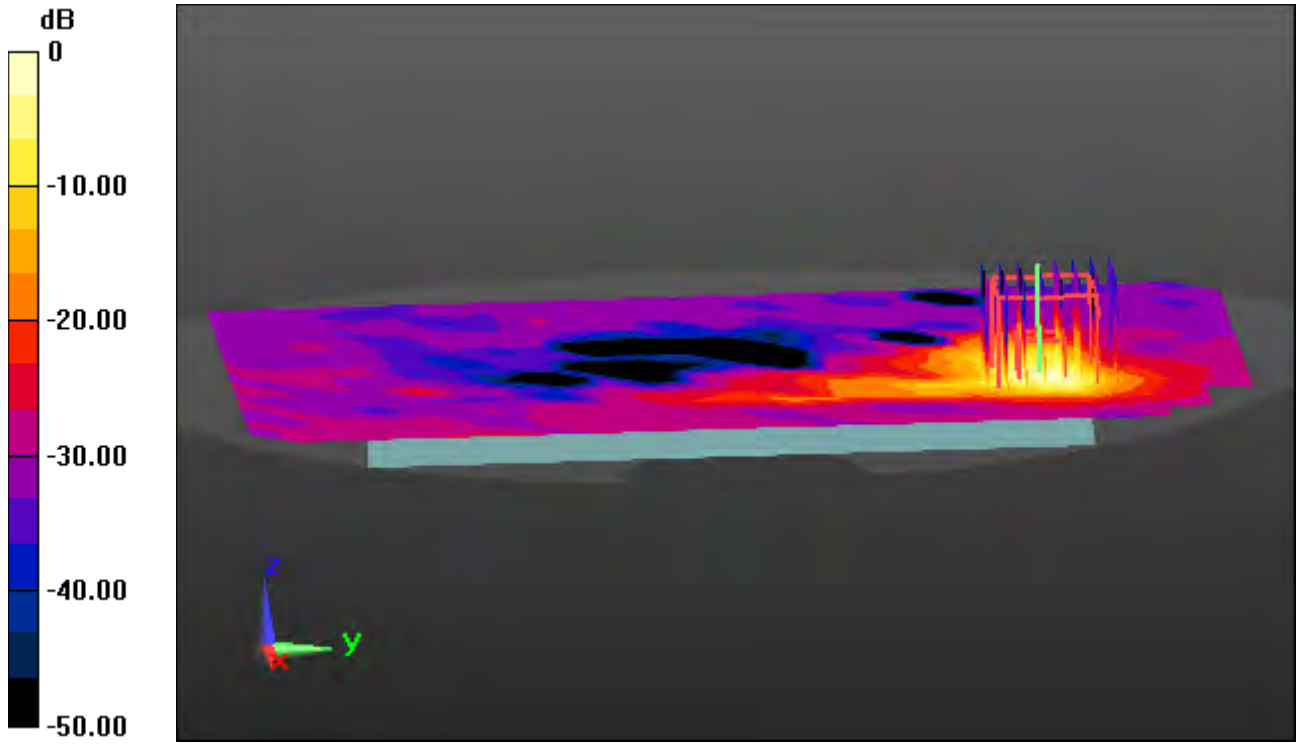
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.494 S/m; ε_r = 48.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

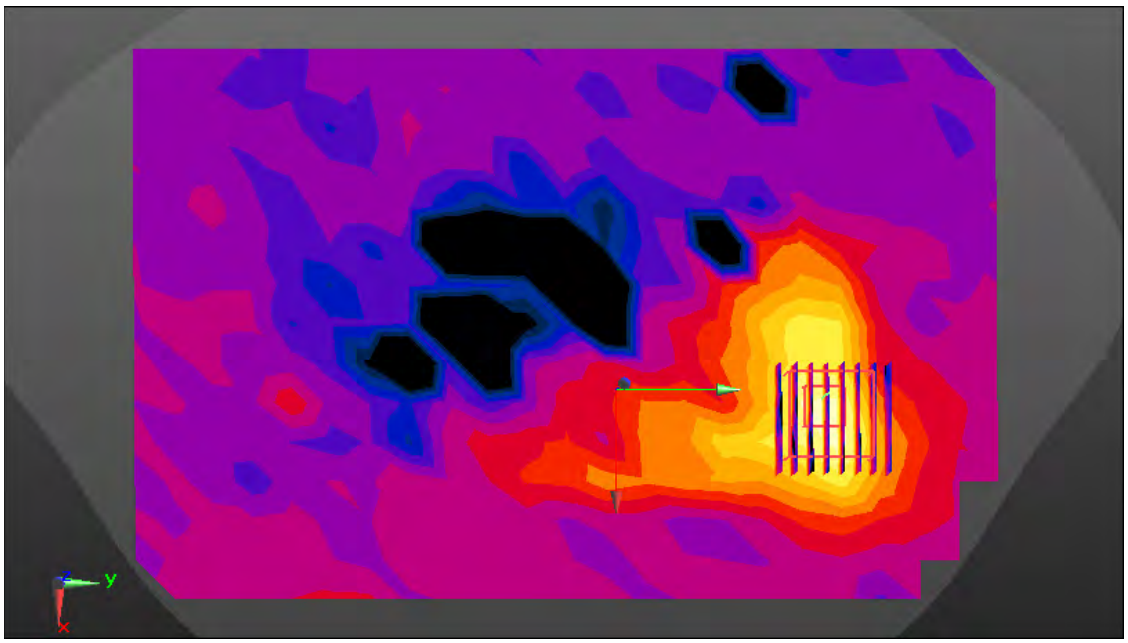
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11a) Ch. 52, Ant. Internal, Ant.1

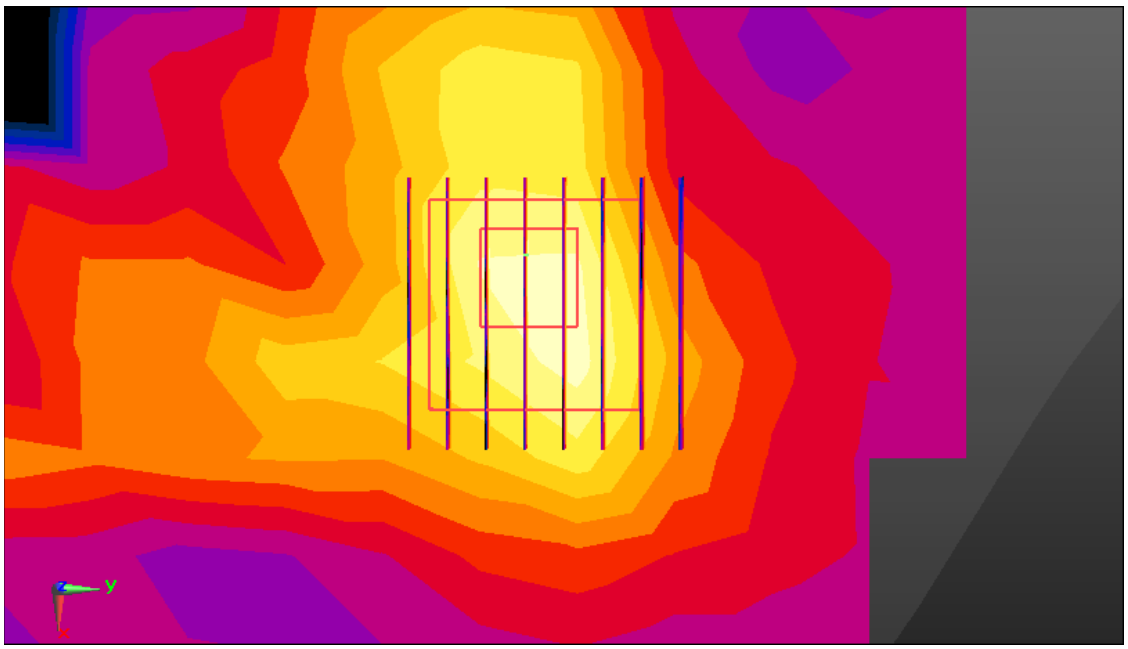
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 0.926 W/kg



0 dB = 10.3 W/kg



Enlarged Plot for A76



Enlarged Plot for A76

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

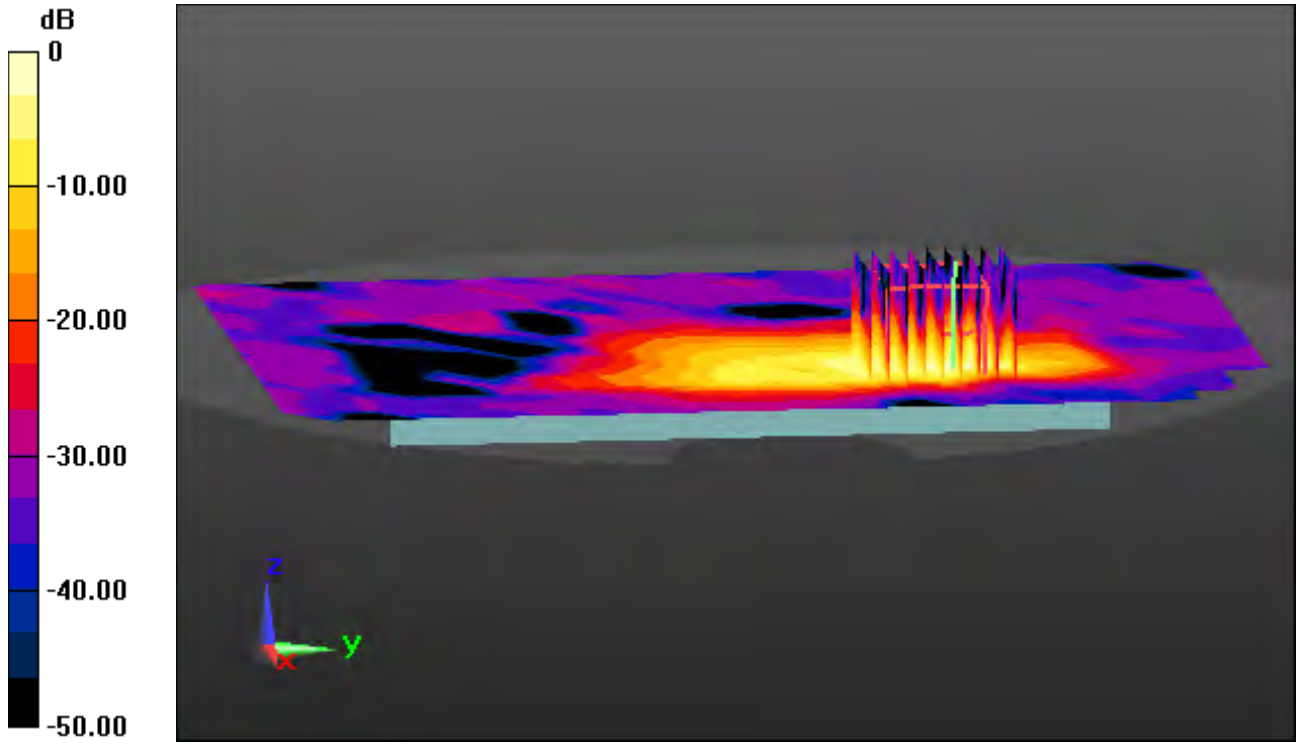
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.494 S/m; ε_r = 48.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

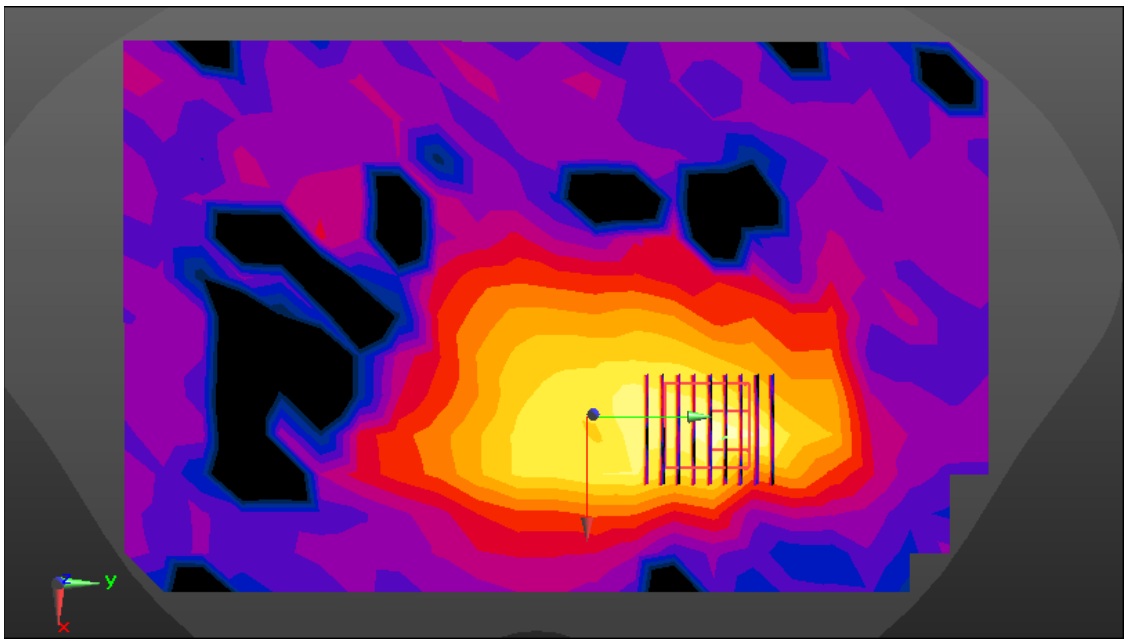
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

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

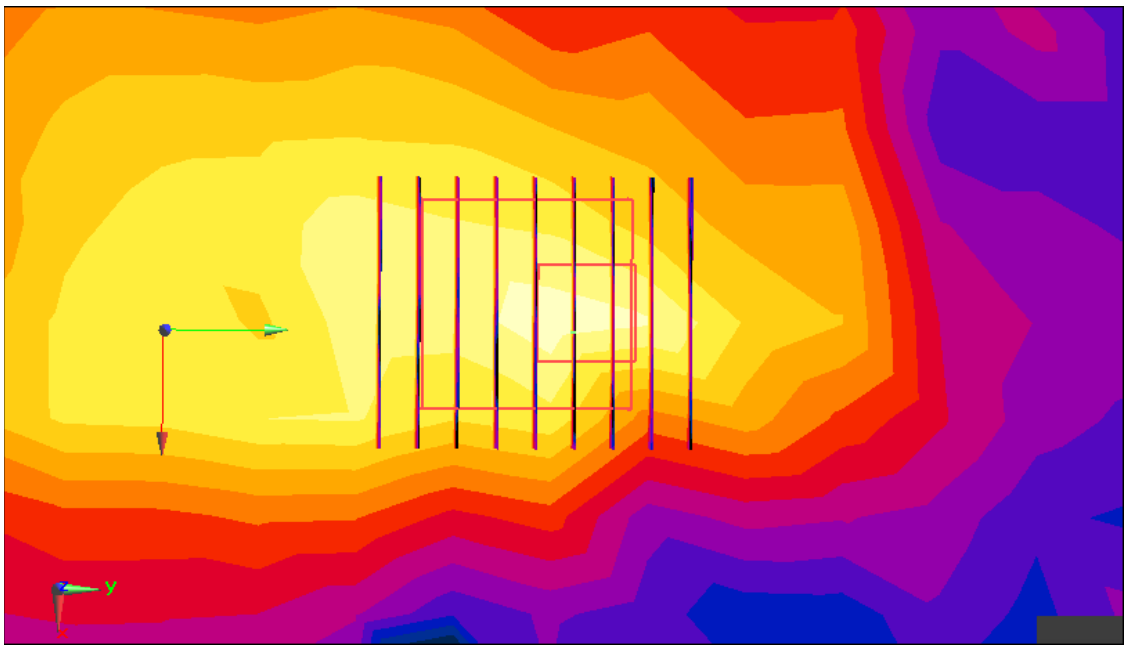
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.15 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 2.31 W/kg; SAR(10 g) = 0.579 W/kg



0 dB = 7.20 W/kg



Enlarged Plot for A77



Enlarged Plot for A77

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

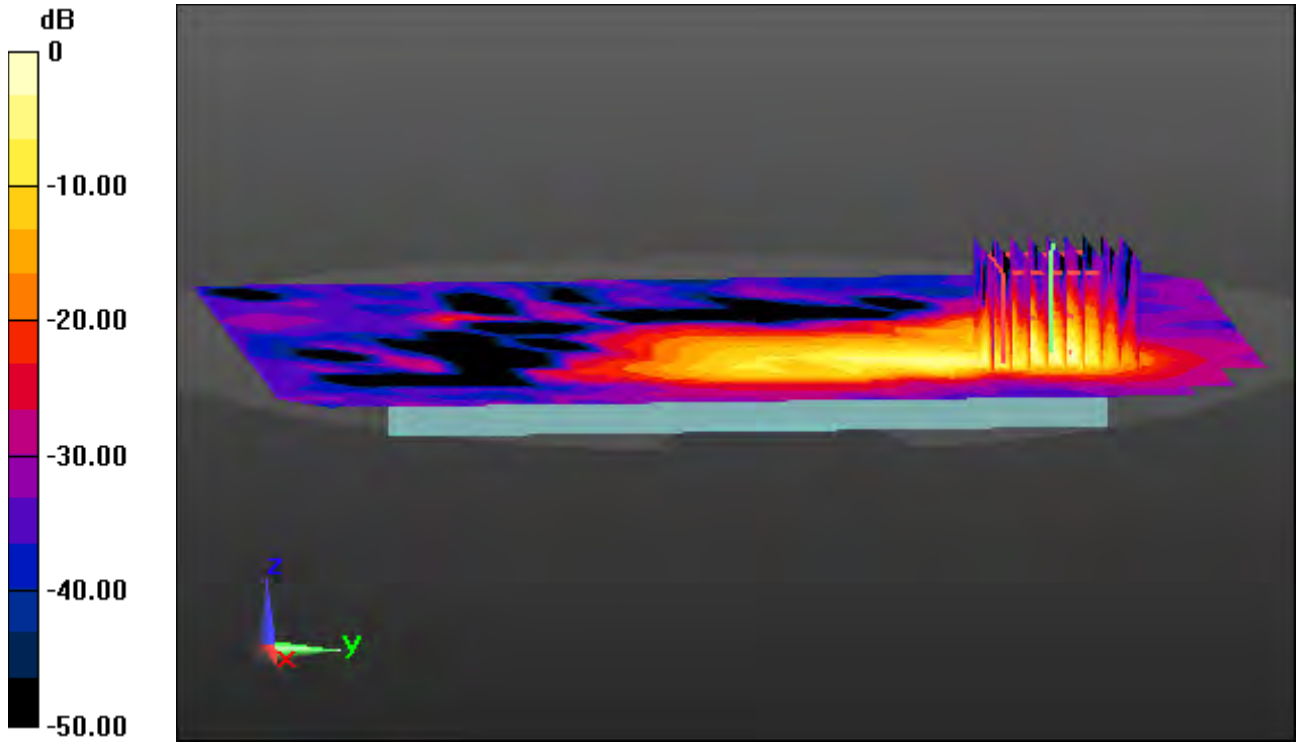
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5260 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5260 MHz; σ = 5.494 S/m; ε_r = 48.538; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

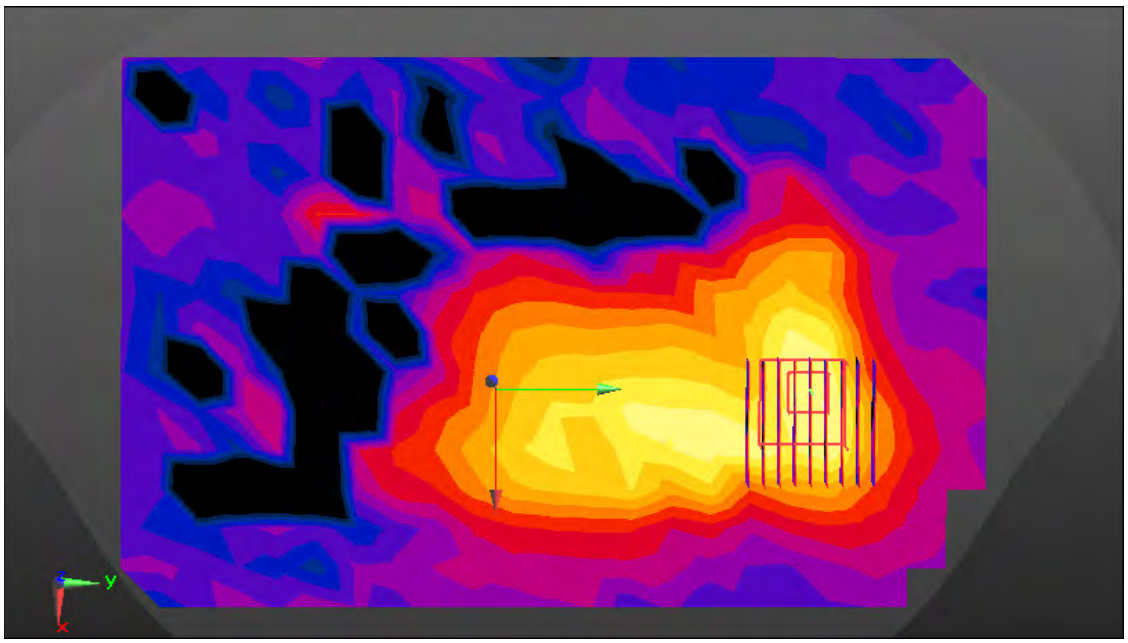
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

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

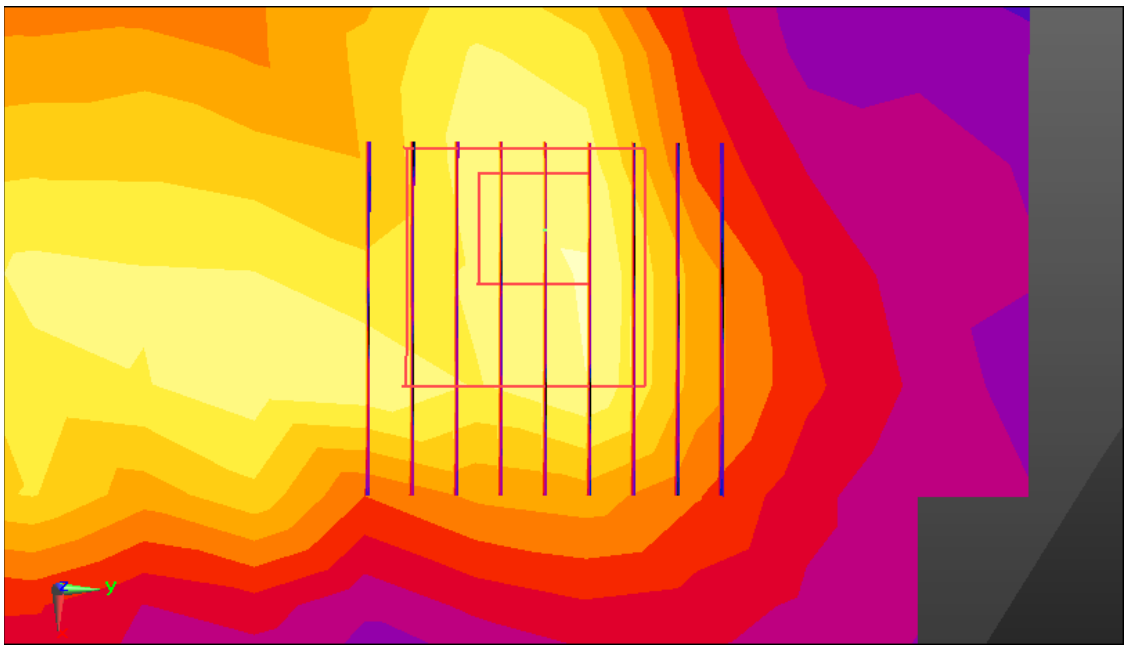
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.05 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 3.39 W/kg; SAR(10 g) = 0.928 W/kg



0 dB = 9.65 W/kg



Enlarged Plot for A78



Enlarged Plot for A78

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

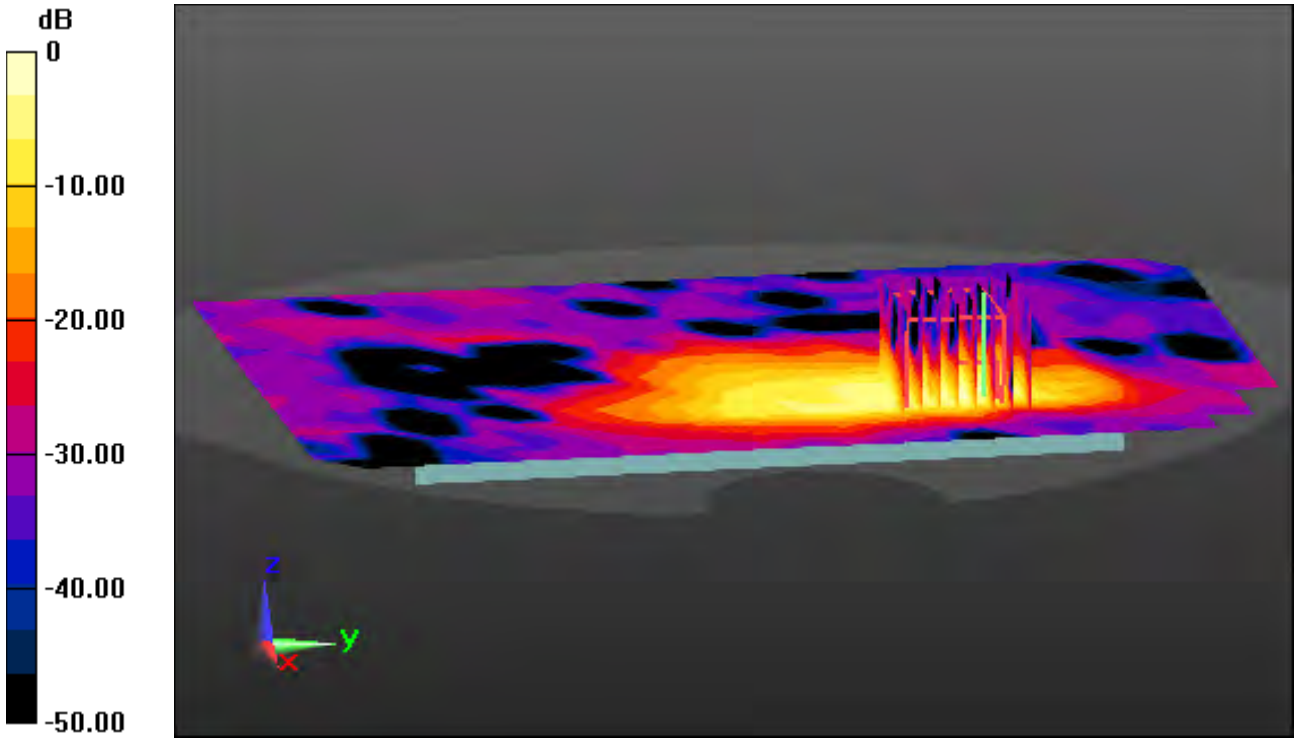
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; σ = 5.508 S/m; ε_r = 48.506; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

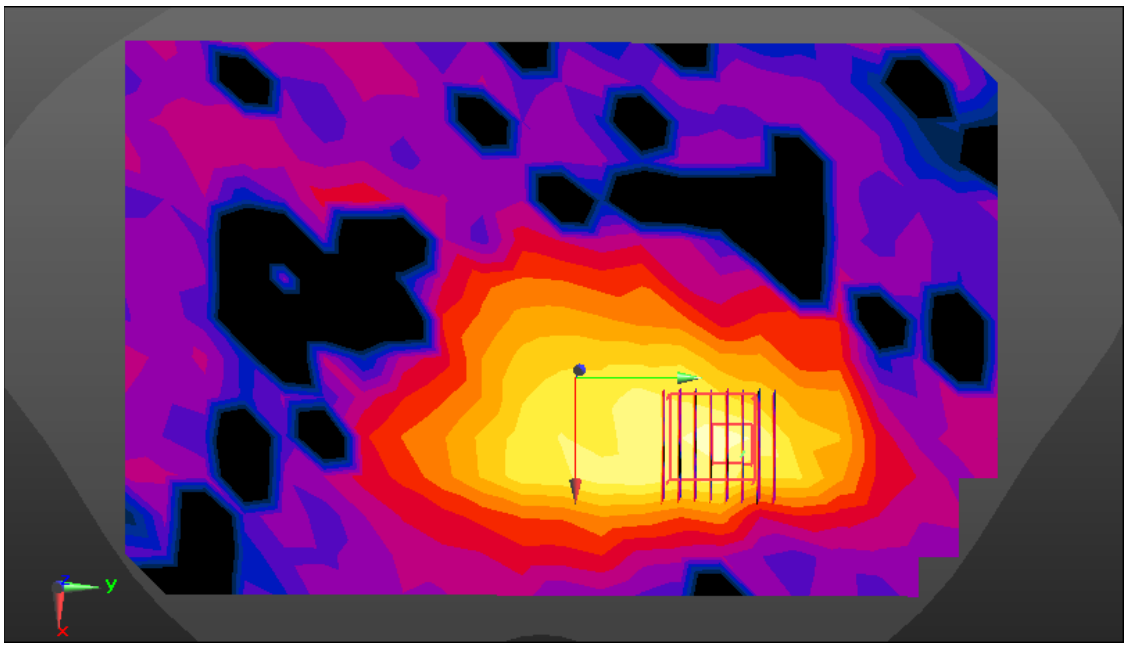
Test Date: 2019-04-02; Ambient Temp: 20.4; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11n HT40) Ch. 54, Ant. Internal, Ant.2

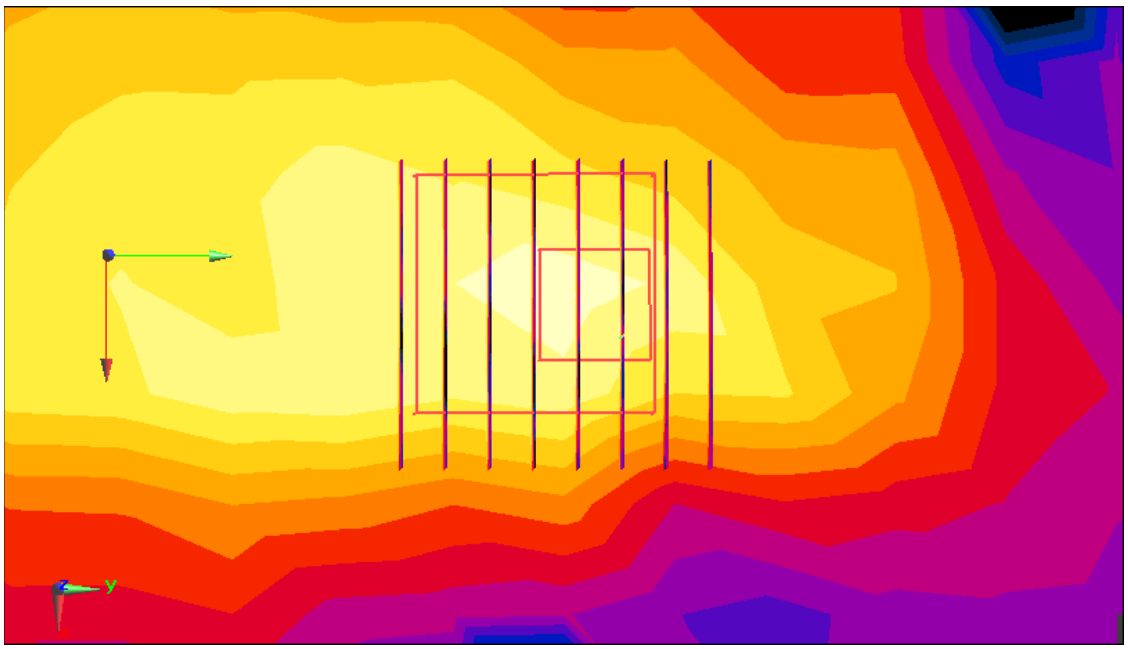
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.07 dB
Peak SAR (extrapolated) = 10.8 W/kg
SAR(1 g) = 1.65 W/kg; SAR(10 g) = 0.423 W/kg



0 dB = 4.90 W/kg



Enlarged Plot for A79



Enlarged Plot for A79

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

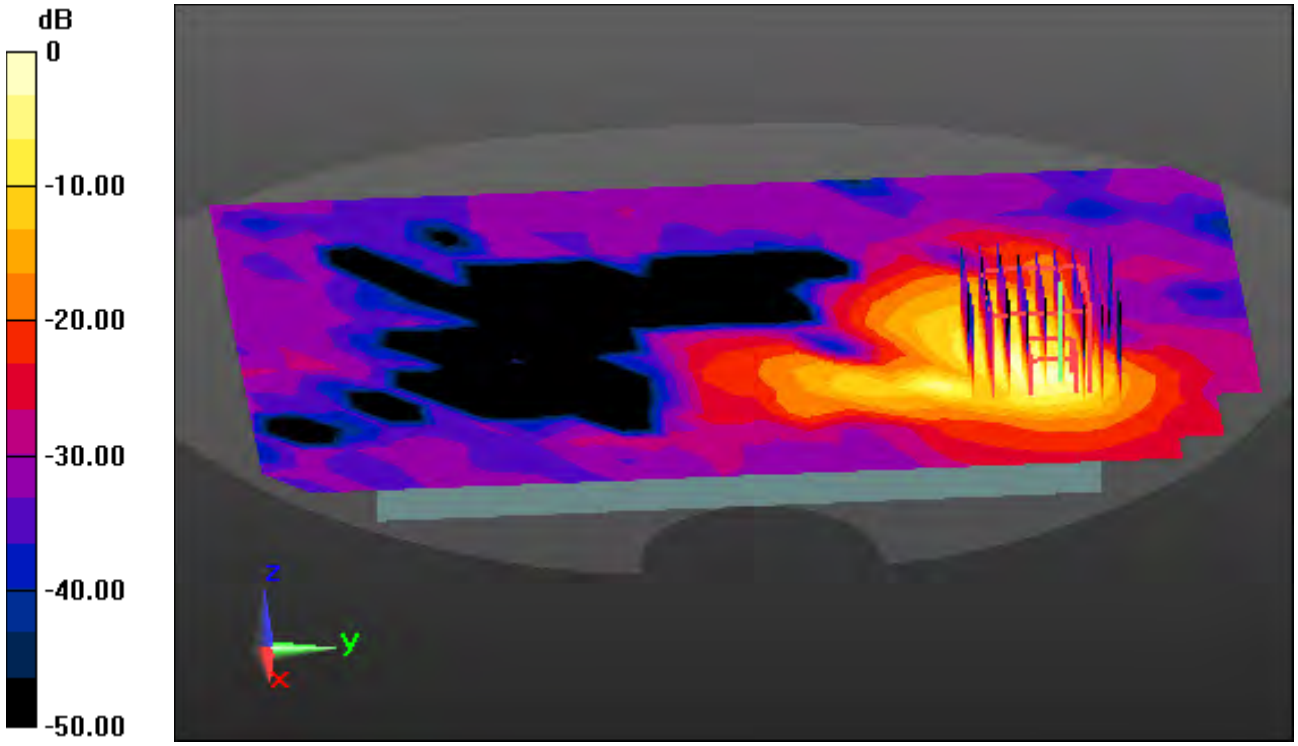
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.693 S/m; ε_r = 48.272; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

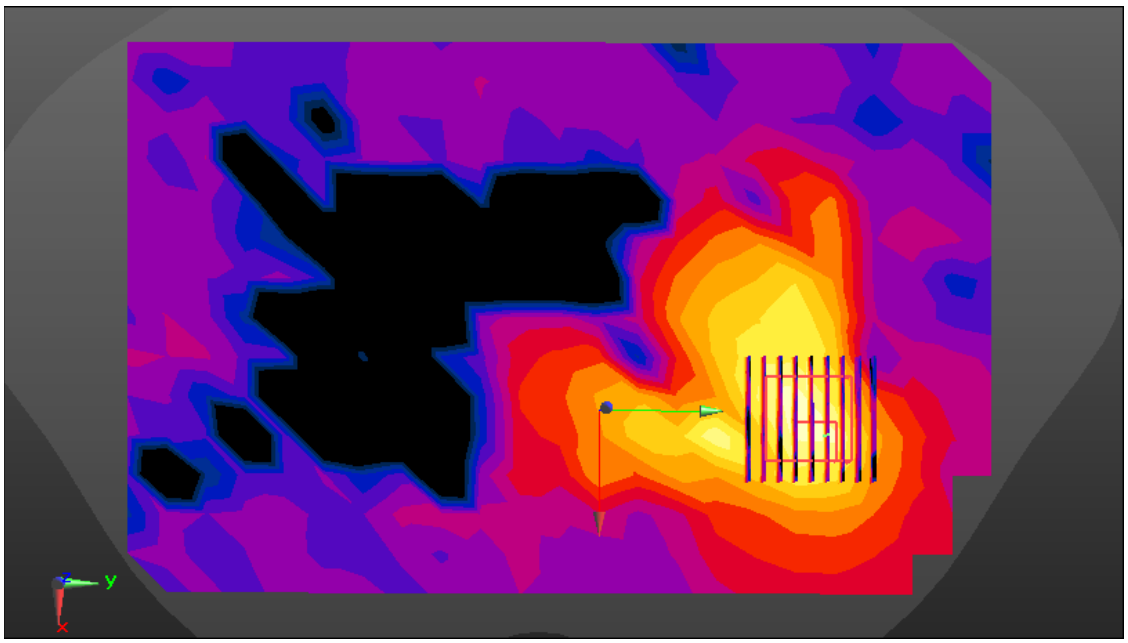
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

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

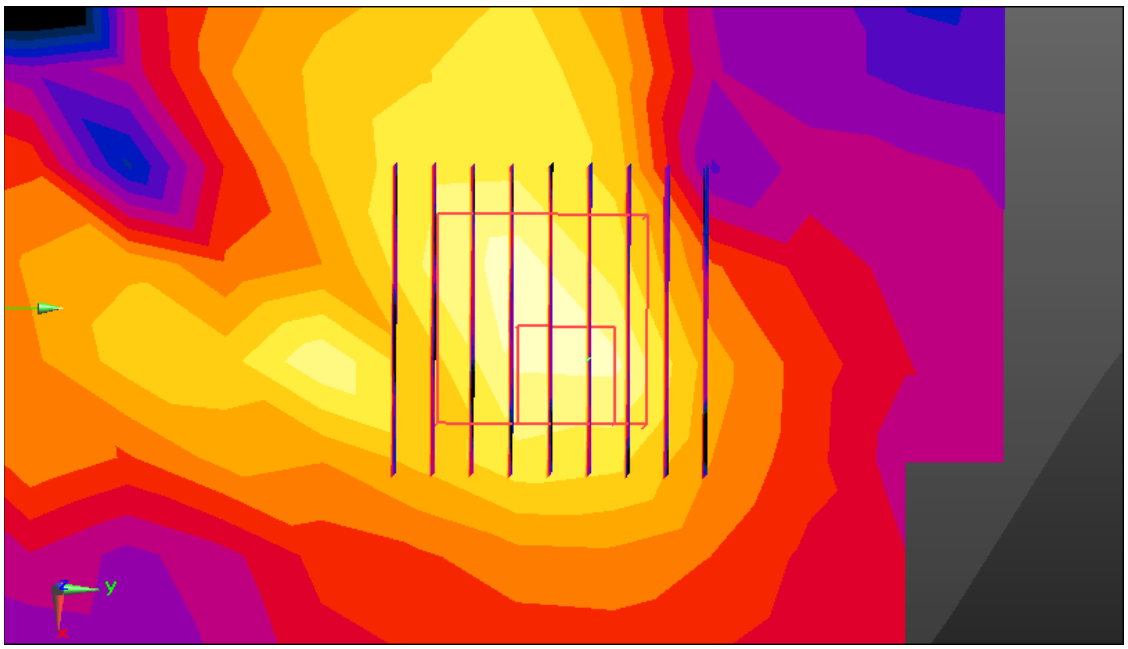
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.09 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 3.05 W/kg; SAR(10 g) = 0.854 W/kg



0 dB = 9.35 W/kg



Enlarged Plot for A80



Enlarged Plot for A80

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

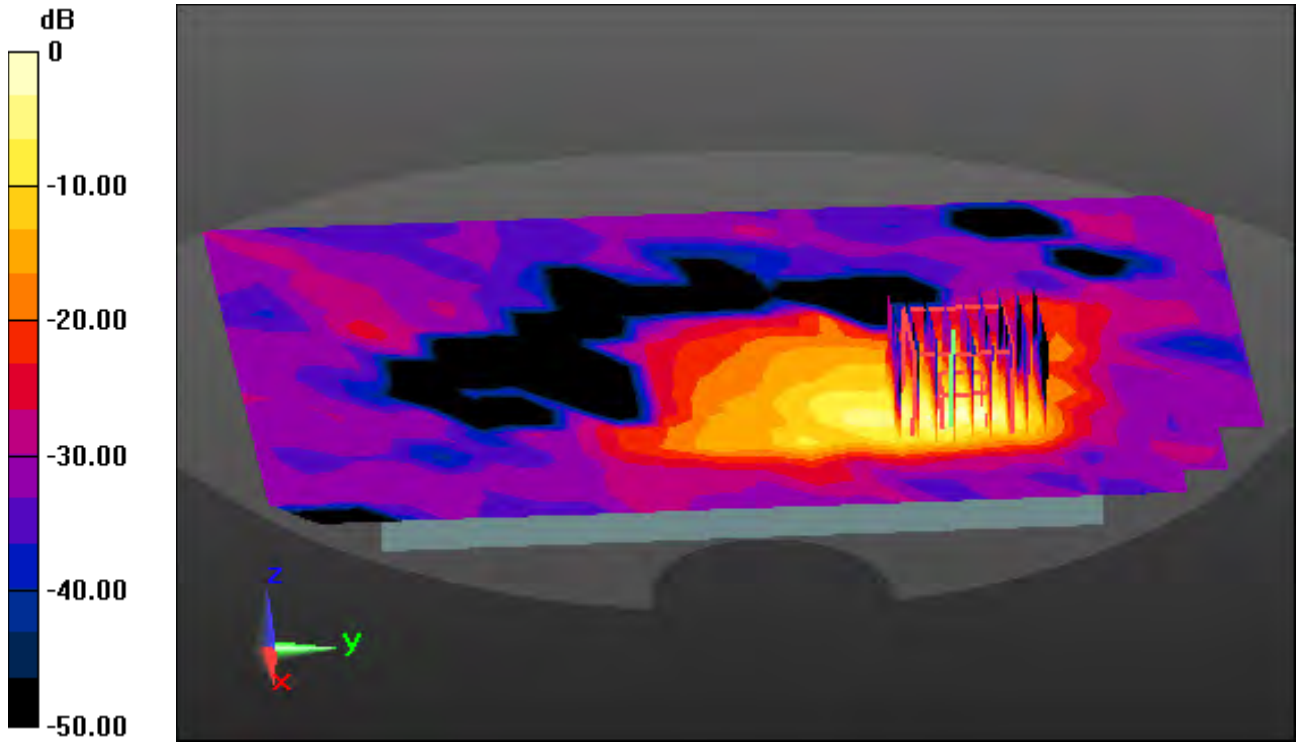
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.693 S/m; ε_r = 48.272; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

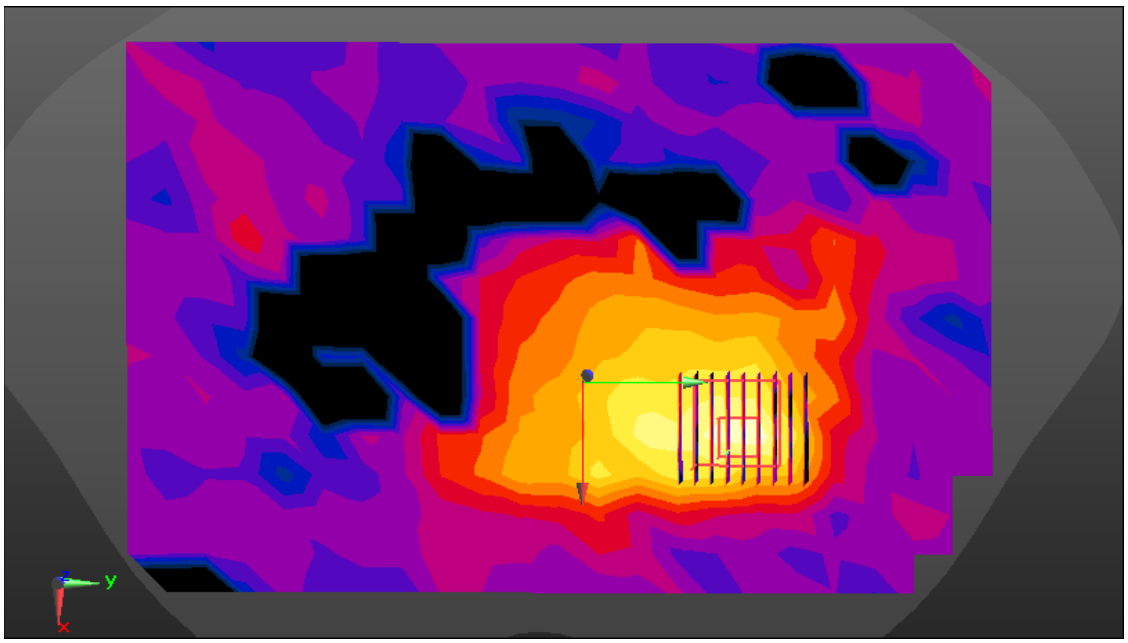
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

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

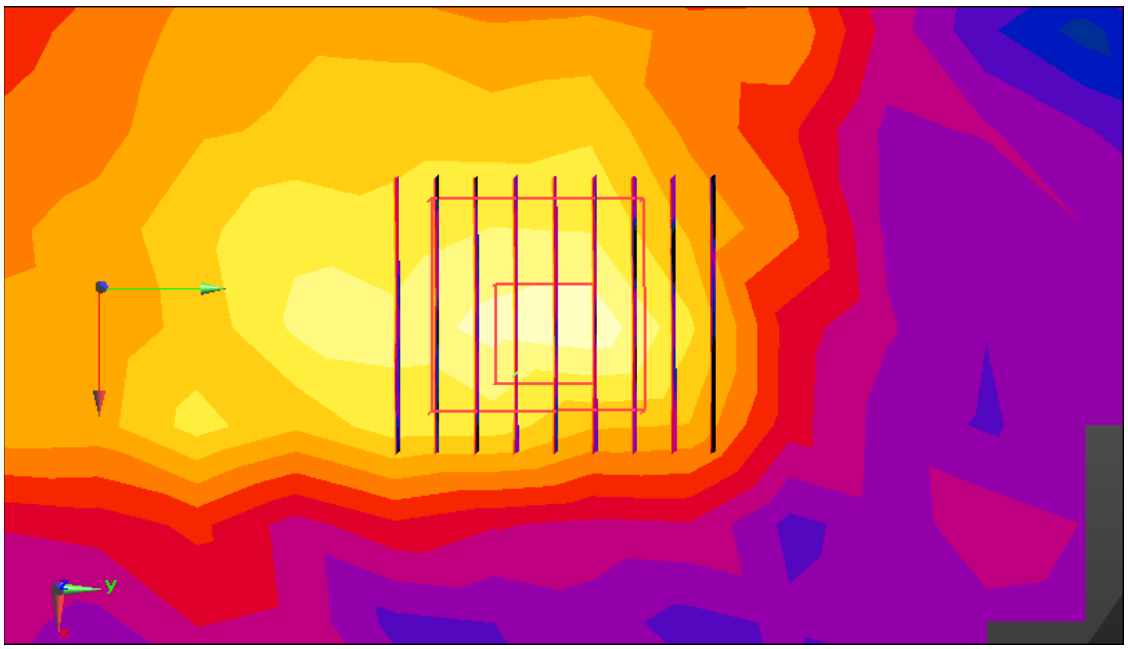
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 19.7 W/kg
SAR(1 g) = 2.72 W/kg; SAR(10 g) = 0.697 W/kg



0 dB = 7.96 W/kg



Enlarged Plot for A81



Enlarged Plot for A81

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

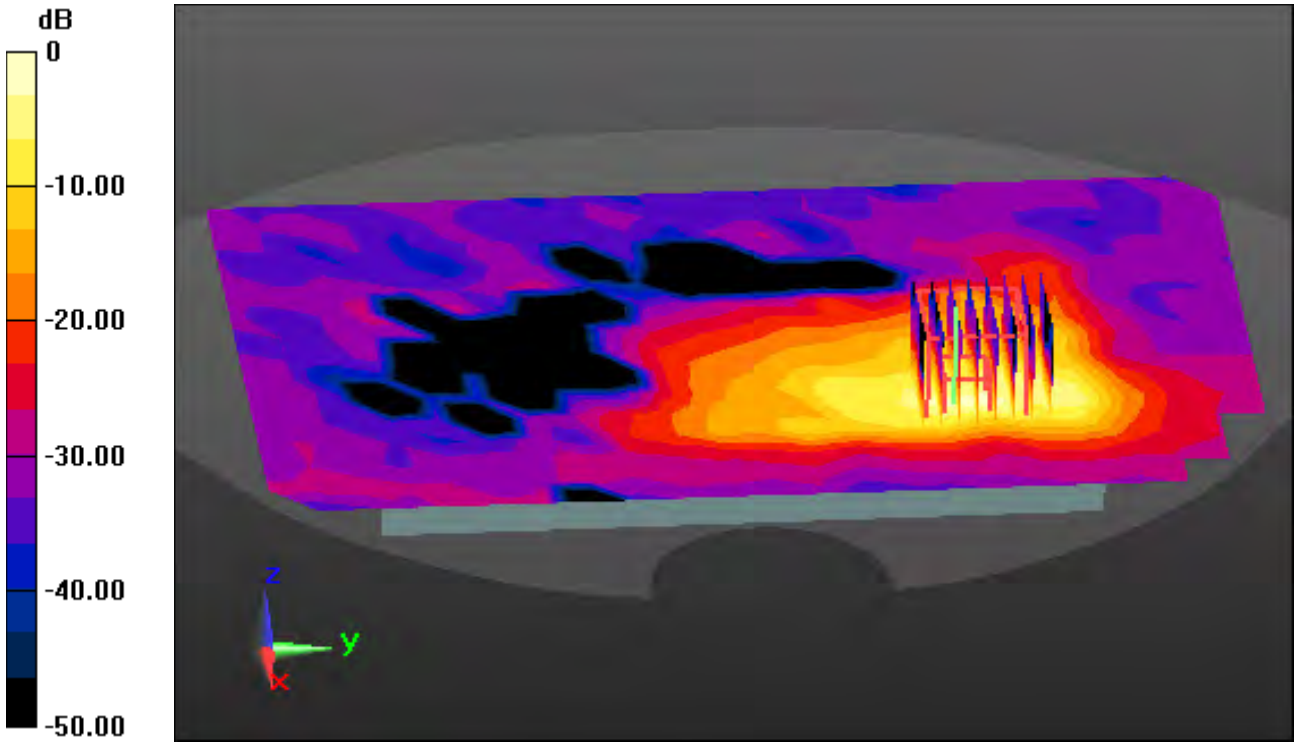
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5660 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5660 MHz; σ = 5.693 S/m; ε_r = 48.272; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

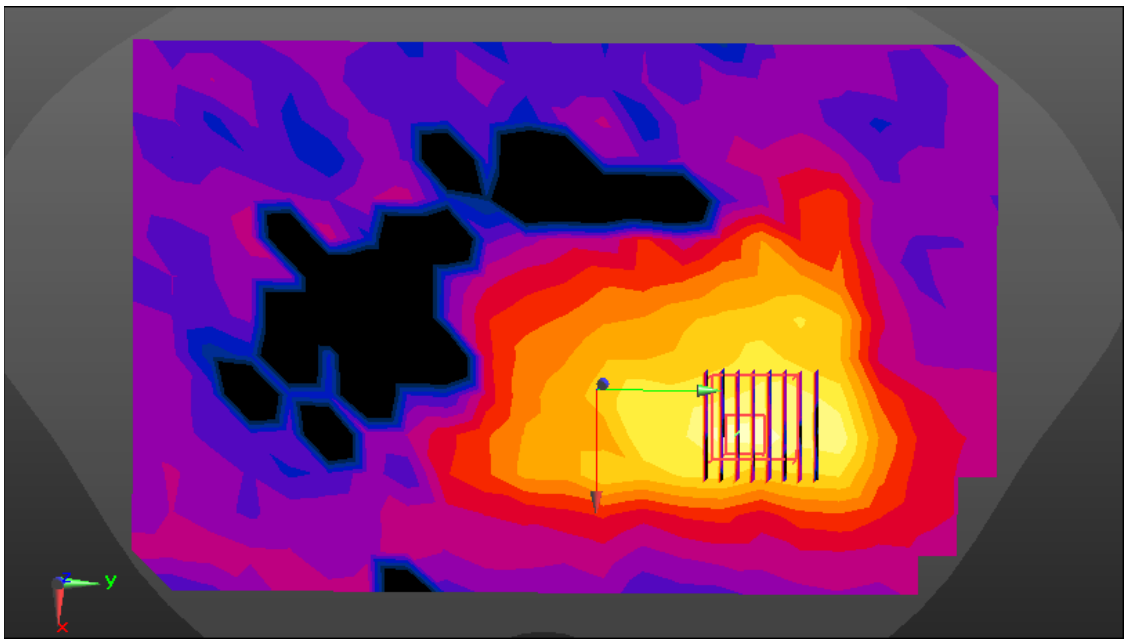
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

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

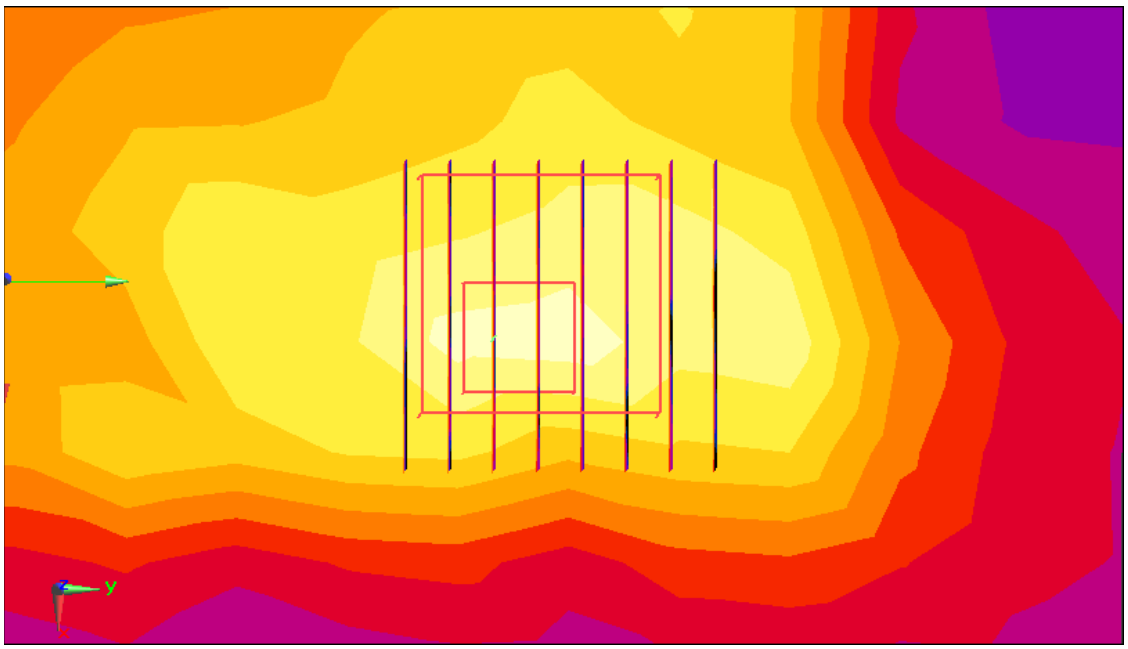
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.02 dB
Peak SAR (extrapolated) = 31.5 W/kg
SAR(1 g) = 4.11 W/kg; SAR(10 g) = 1.05 W/kg



0 dB = 13.7 W/kg



Enlarged Plot for A82



Enlarged Plot for A82

DUT: LM-G810EAW; Type: Bar

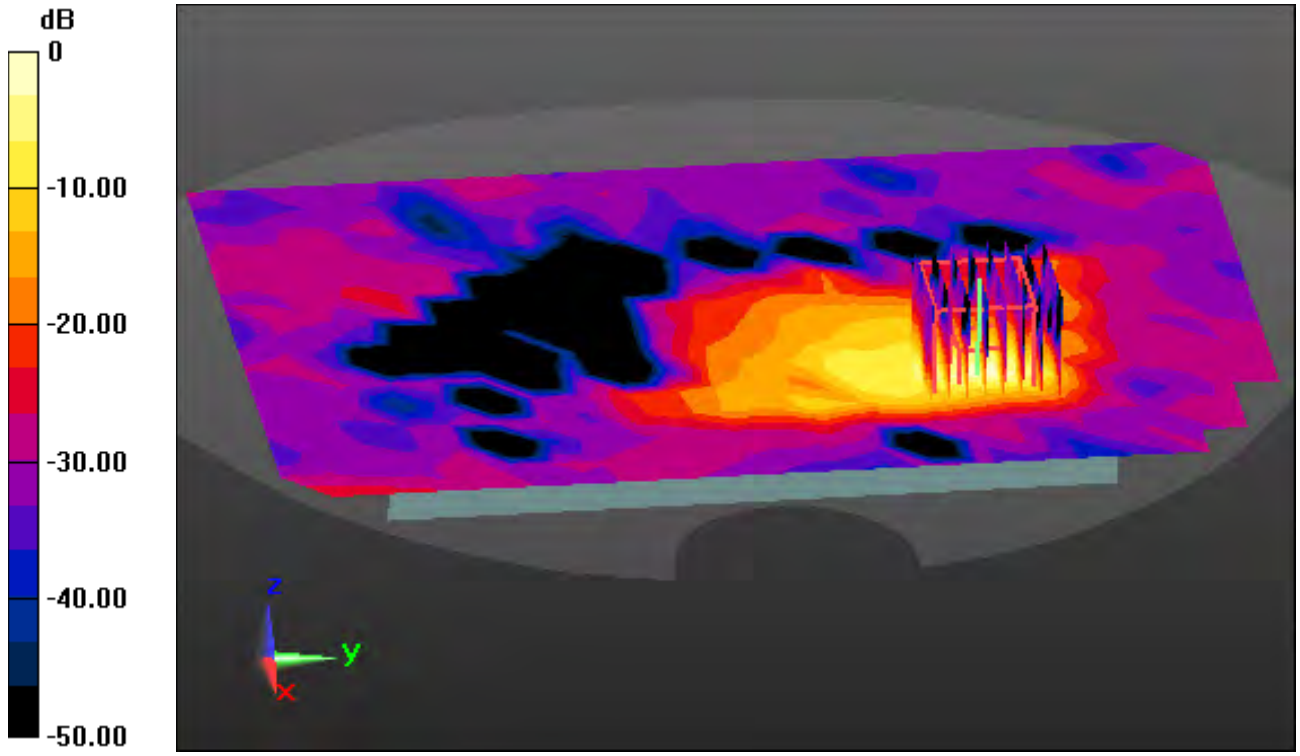
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5710 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5710 MHz; σ = 5.751 S/m; ε_r = 48.194; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

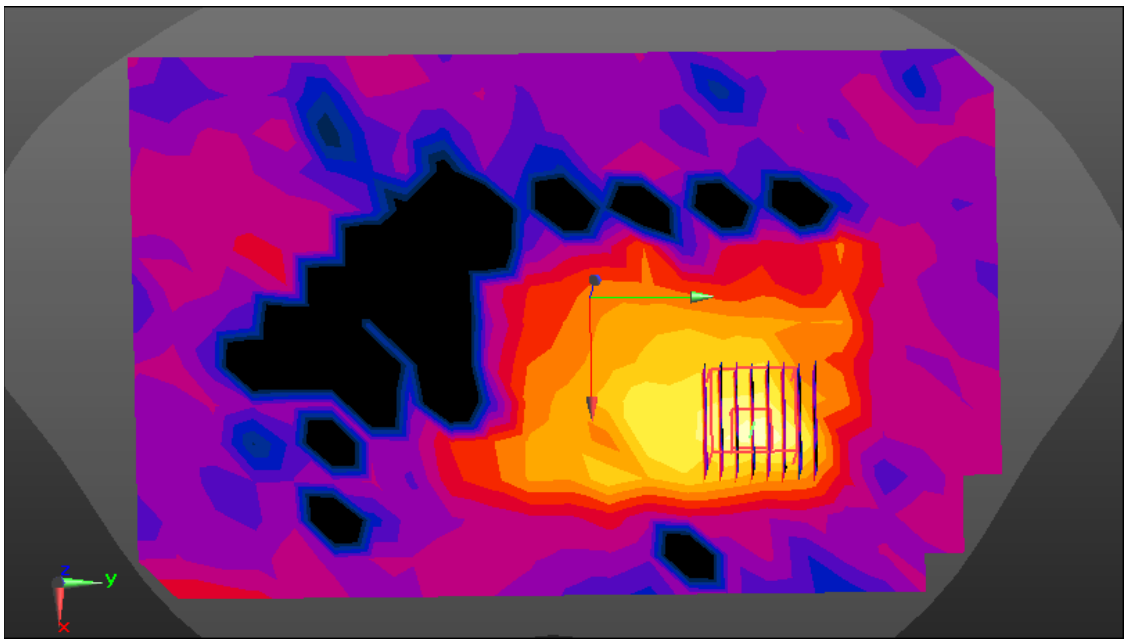
Test Date: 2019-04-03; Ambient Temp: 20.2; Tissue Temp: 20.6

Touch from Body, Rear, WLAN(802.11n HT40) Ch. 142, Ant. Internal, Ant.2

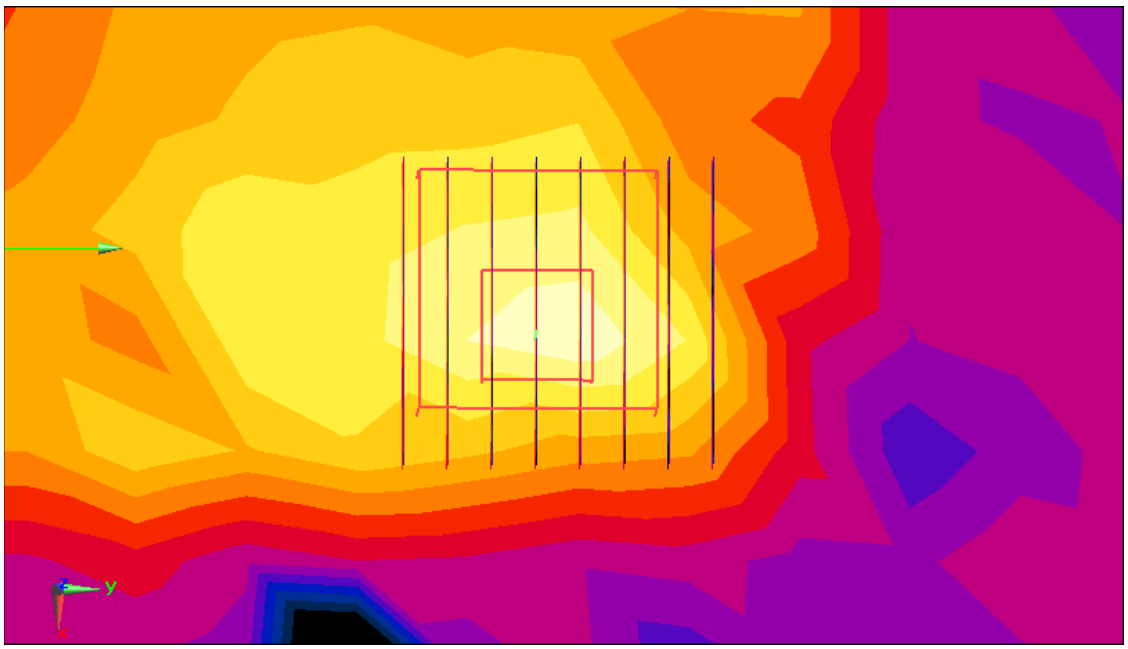
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 14.0 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 0.527 W/kg



0 dB = 6.50 W/kg



Enlarged Plot for A83



Enlarged Plot for A83

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

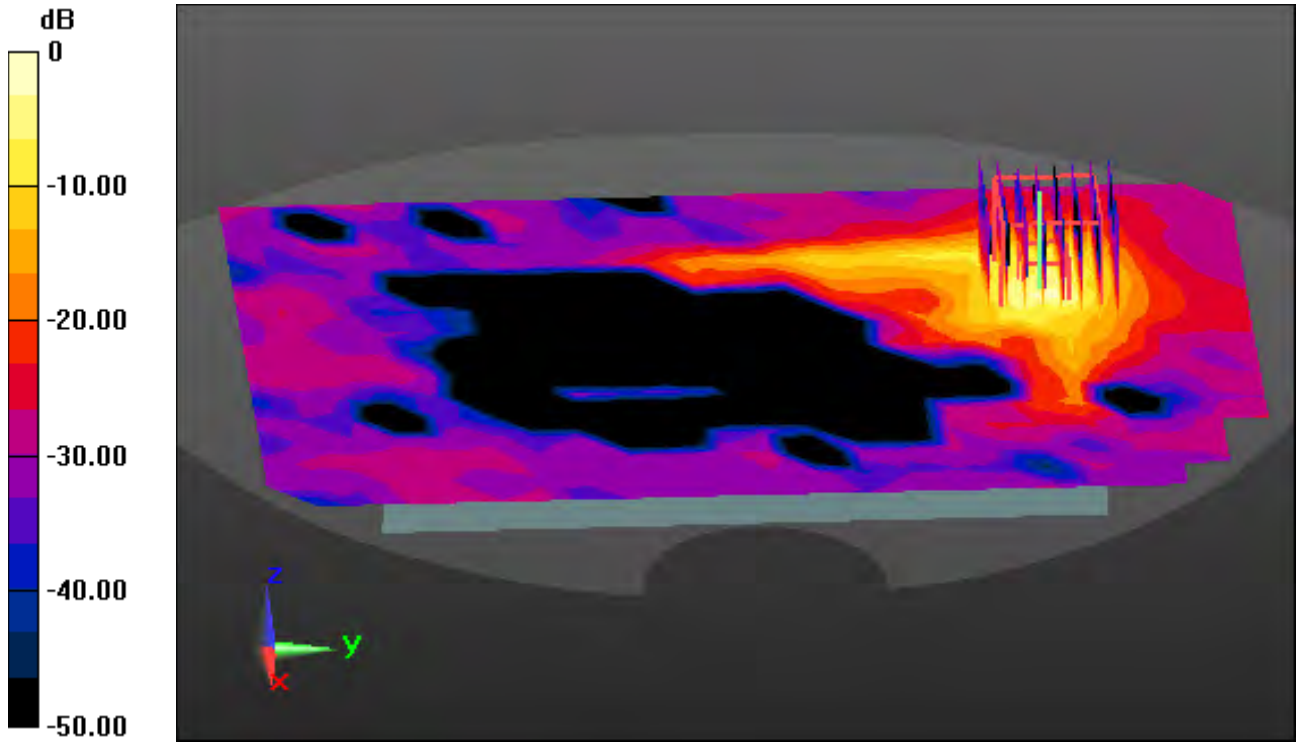
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 5.864 S/m; ε_r = 47.768; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

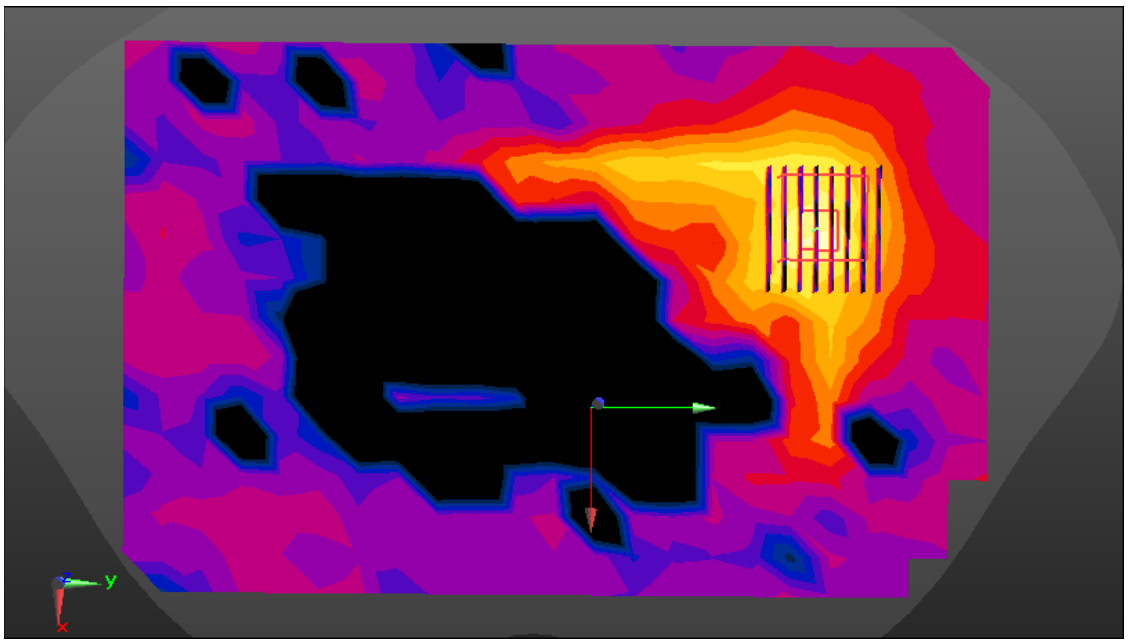
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

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

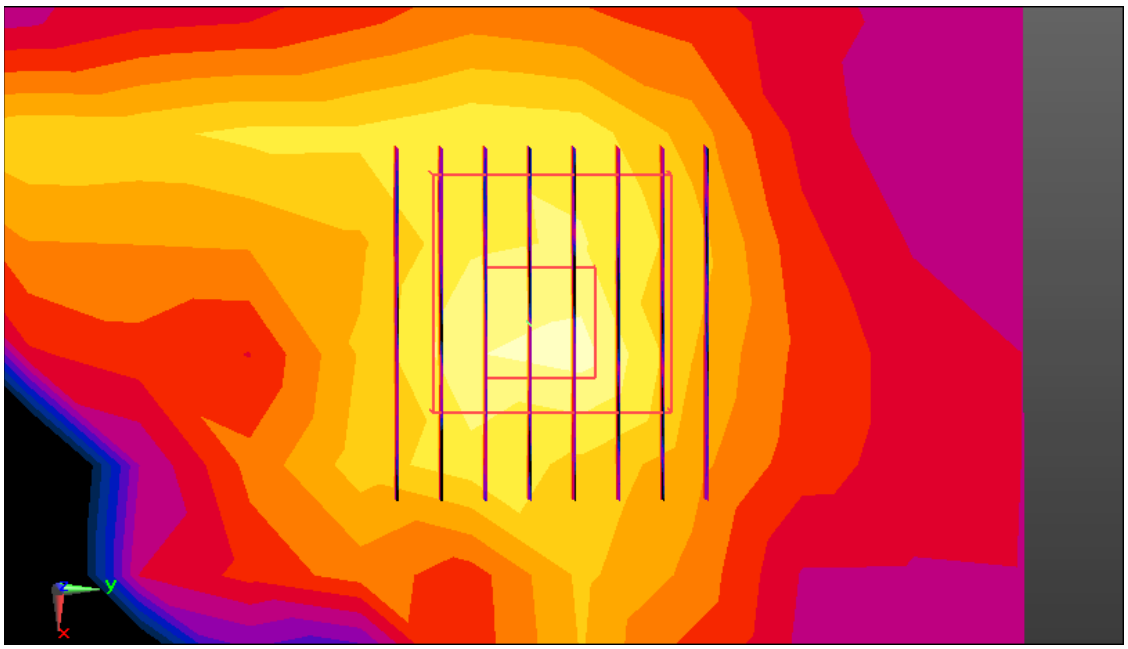
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.17 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 0.528 W/kg



0 dB = 6.38 W/kg



Enlarged Plot for A84



Enlarged Plot for A84

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

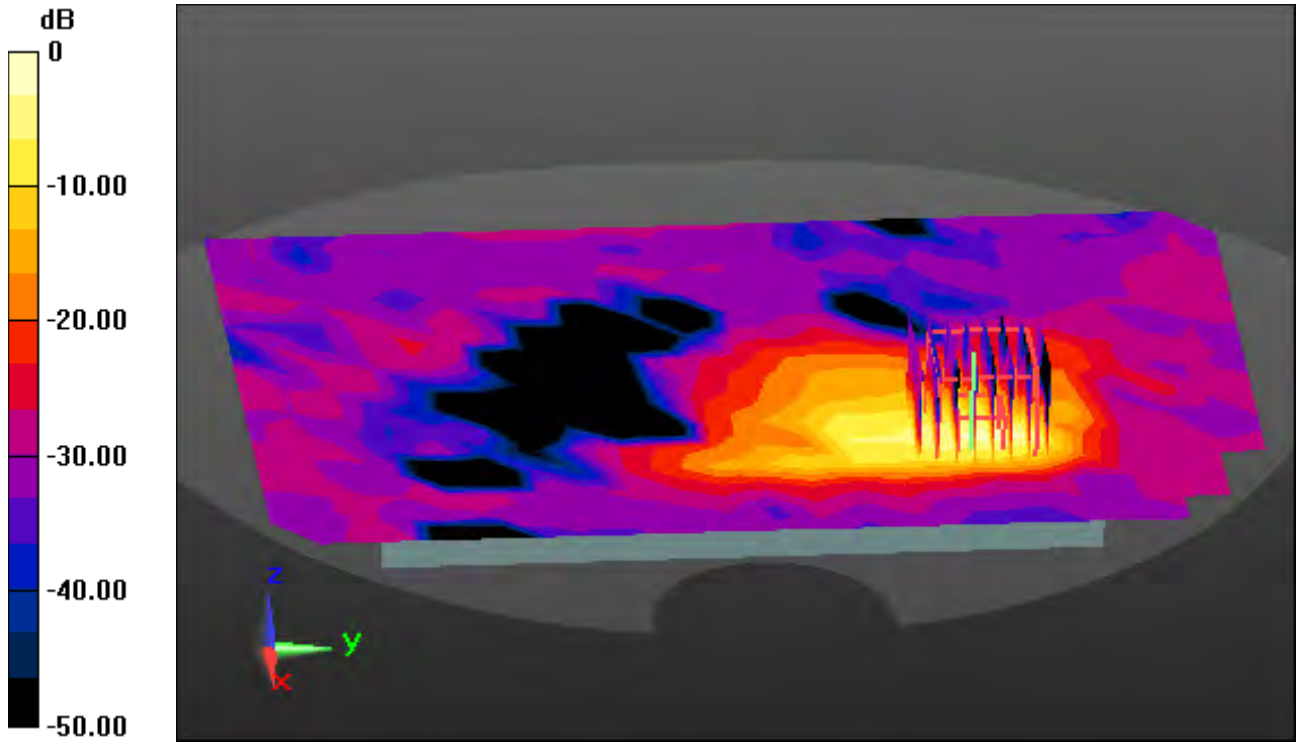
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 5.864 S/m; ε_r = 47.768; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

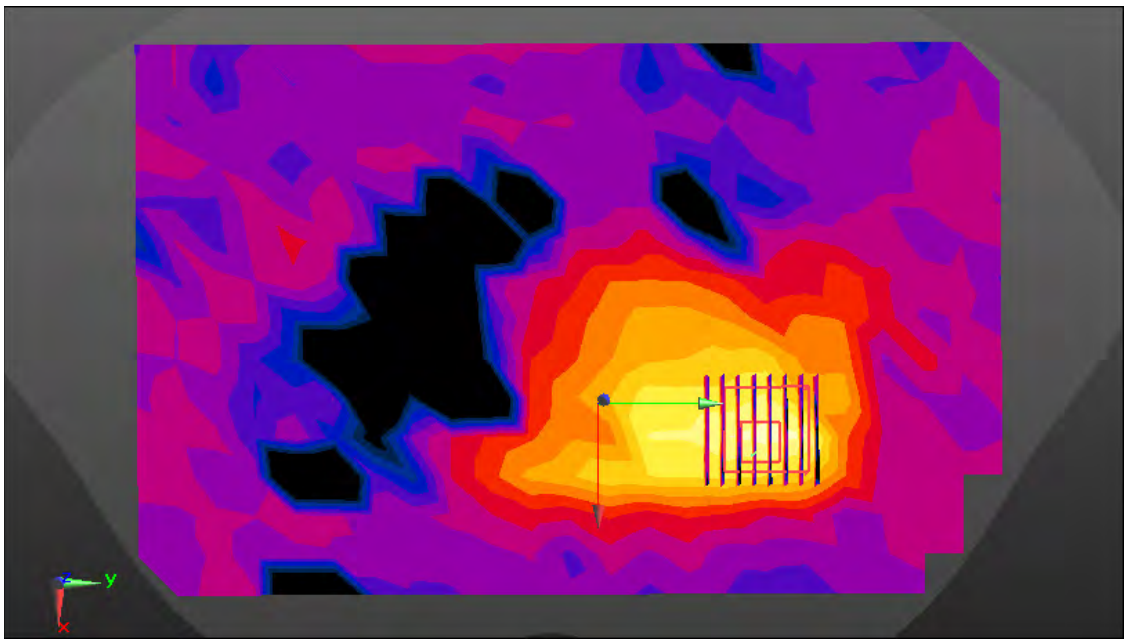
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

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

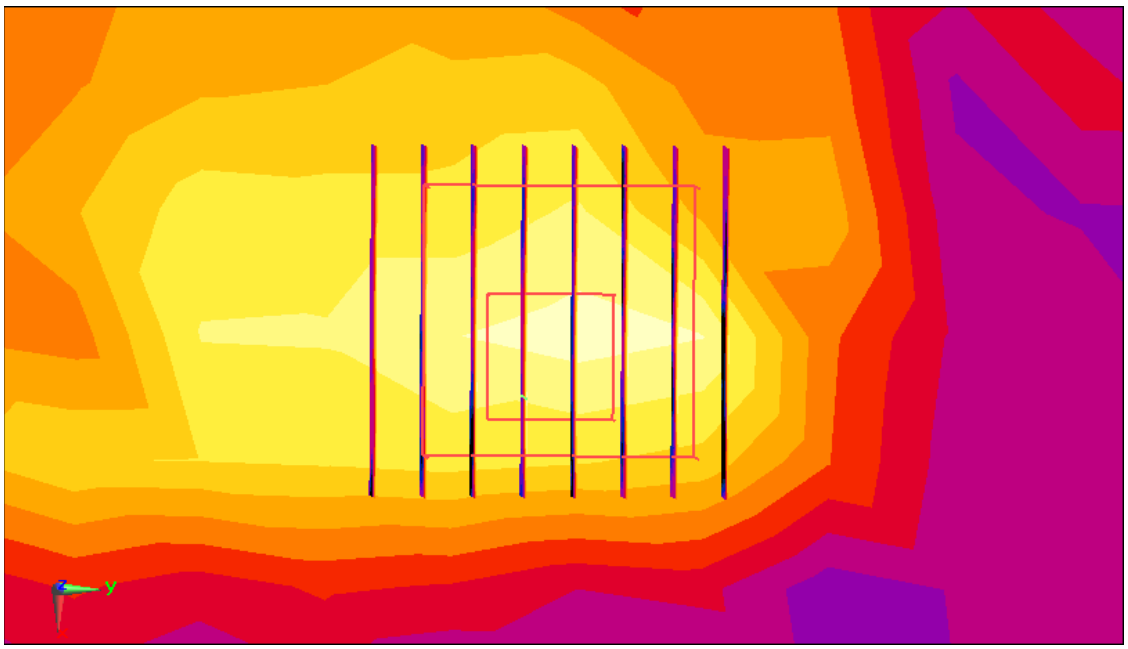
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 2.4 W/kg; SAR(10 g) = 0.646 W/kg



0 dB = 7.68 W/kg



Enlarged Plot for A85



Enlarged Plot for A85

DT&C Co., Ltd.

DUT: LM-G810EAW; Type: Bar

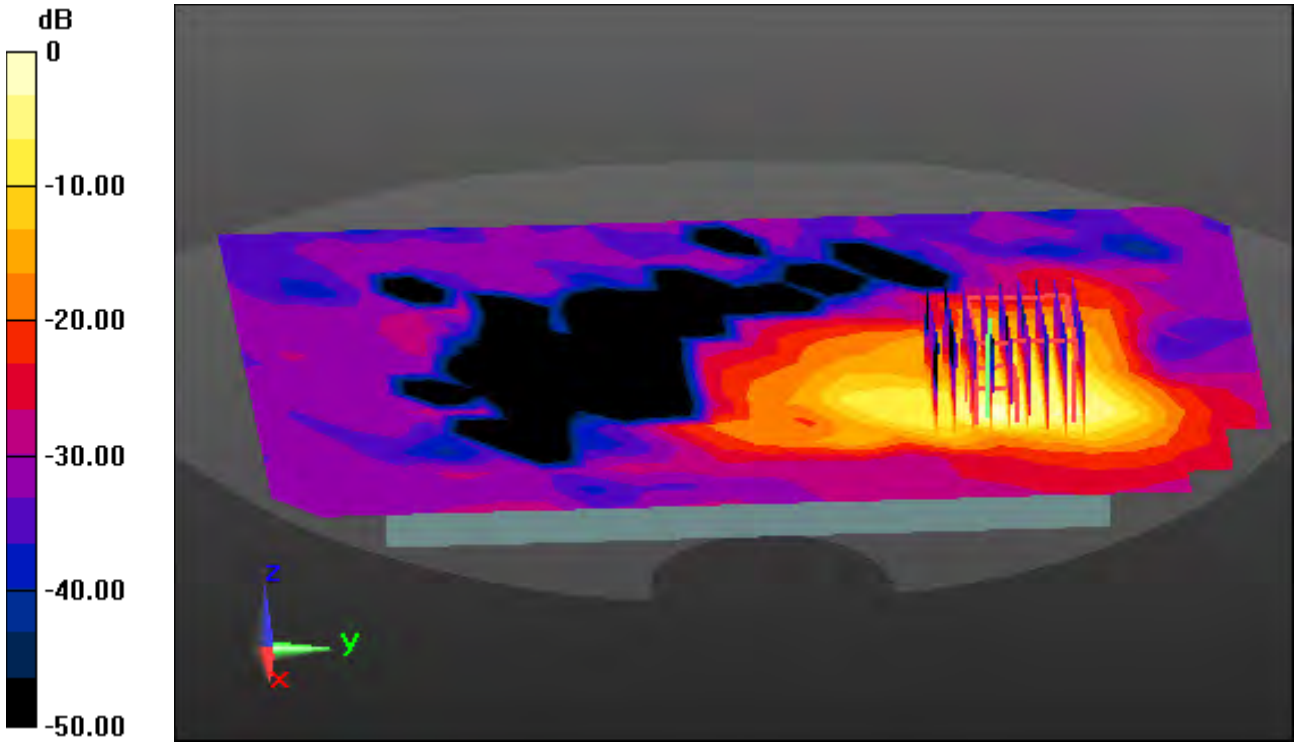
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5825 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5825 MHz; σ = 5.864 S/m; ε_r = 47.768; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.14, 4.14, 4.14); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

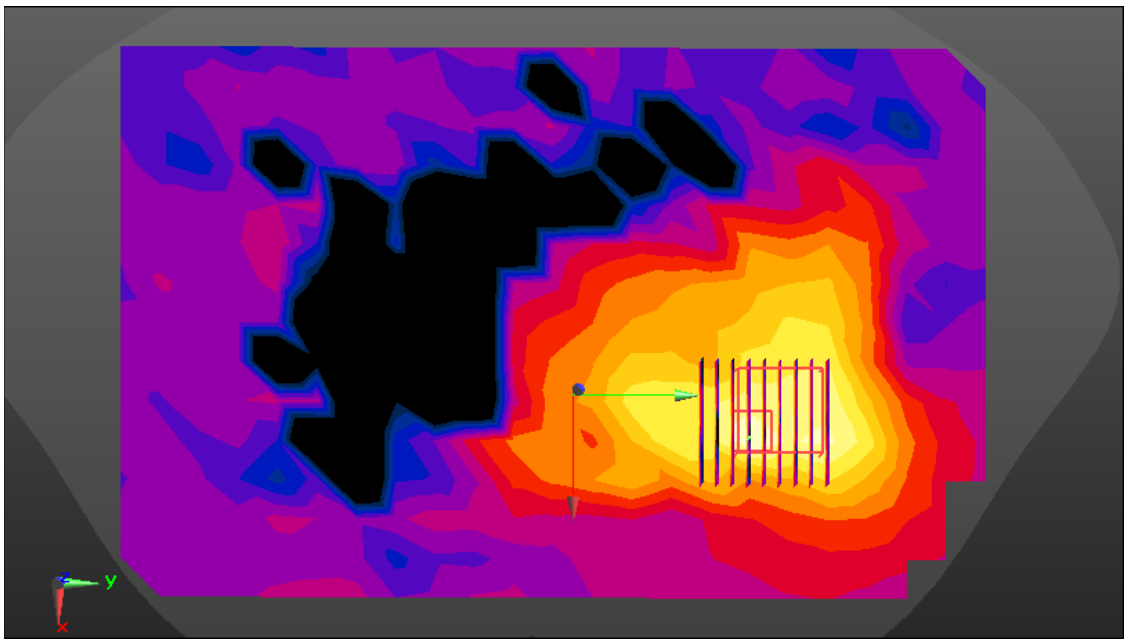
Test Date: 2019-04-04; Ambient Temp: 20.5; Tissue Temp: 20.6

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

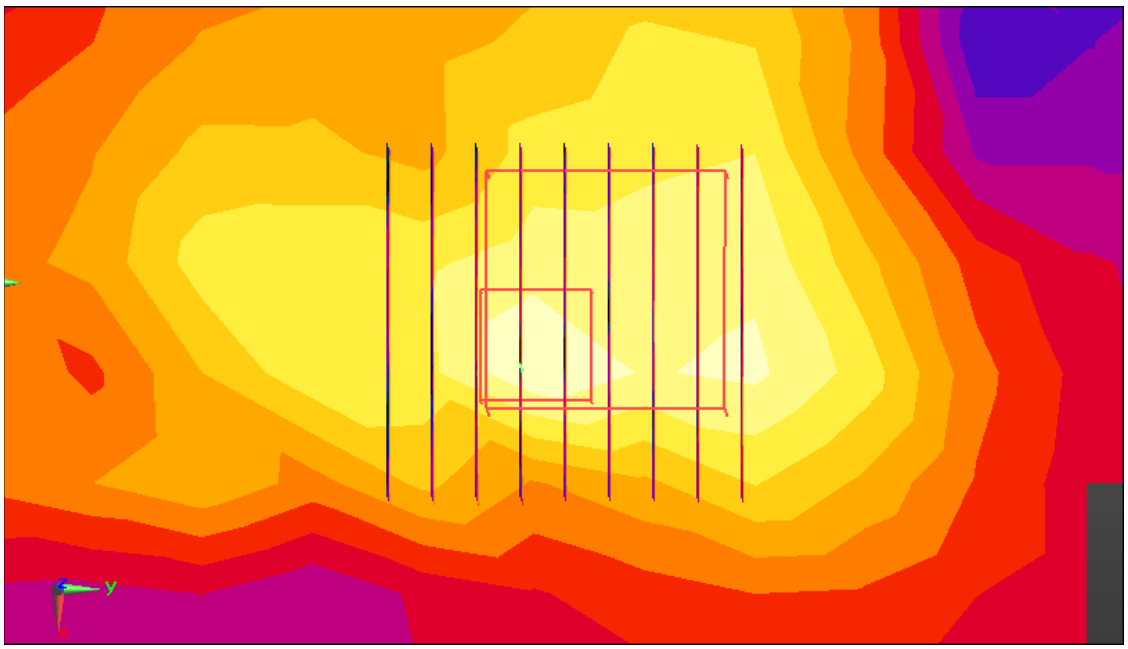
Area Scan (15x23x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.16 dB
Peak SAR (extrapolated) = 23.1 W/kg
SAR(1 g) = 3.06 W/kg; SAR(10 g) = 0.929 W/kg



0 dB = 10.5 W/kg



Enlarged Plot for A86



Enlarged Plot for A86

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; σ = 2.053 S/m; ε_r = 51.642; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN7337; ConvF(7.59, 7.59, 7.59); Calibrated: 11/22/2018; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

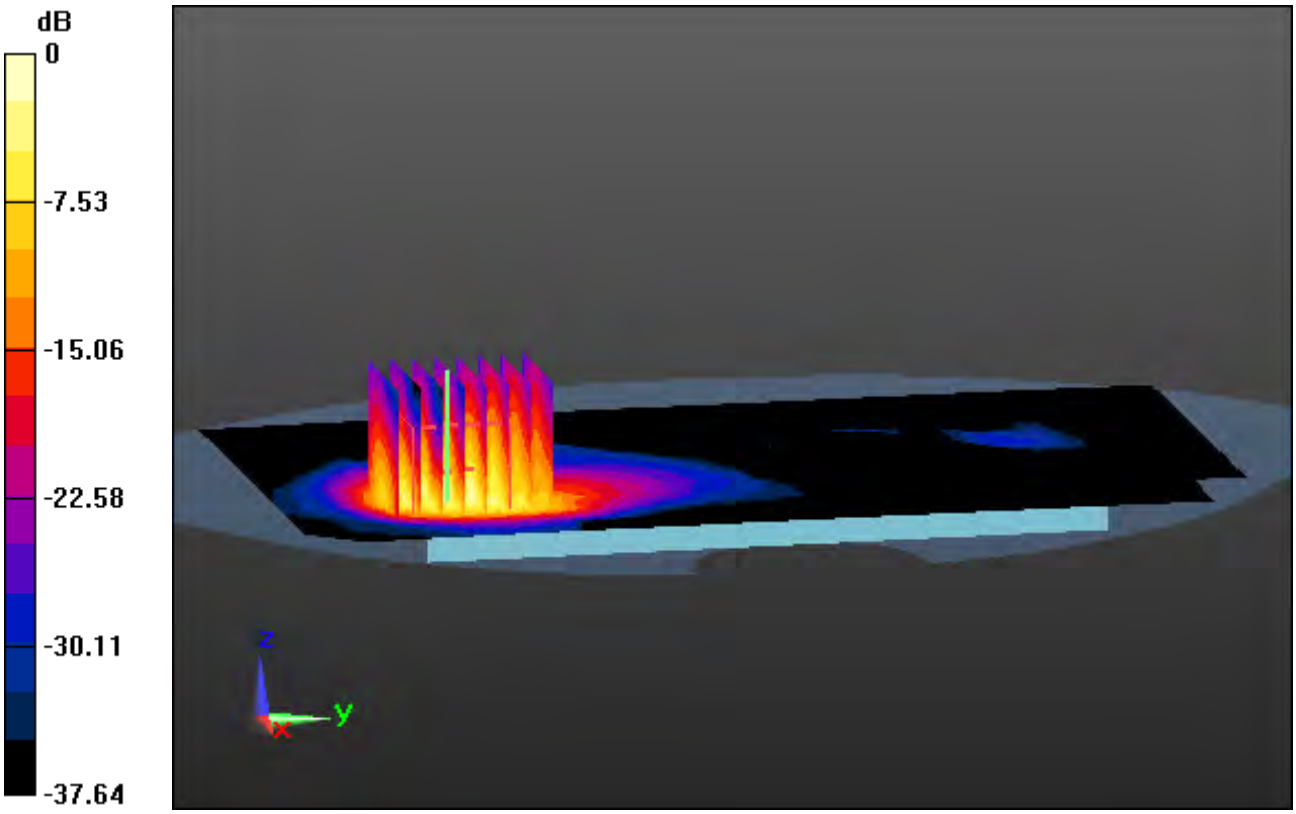
Test Date: 2019-04-08; Ambient Temp: 20.8; Tissue Temp: 20.7

Touch from Body, Rear, LTE Band 7 Ch. 21350, Ant Internal

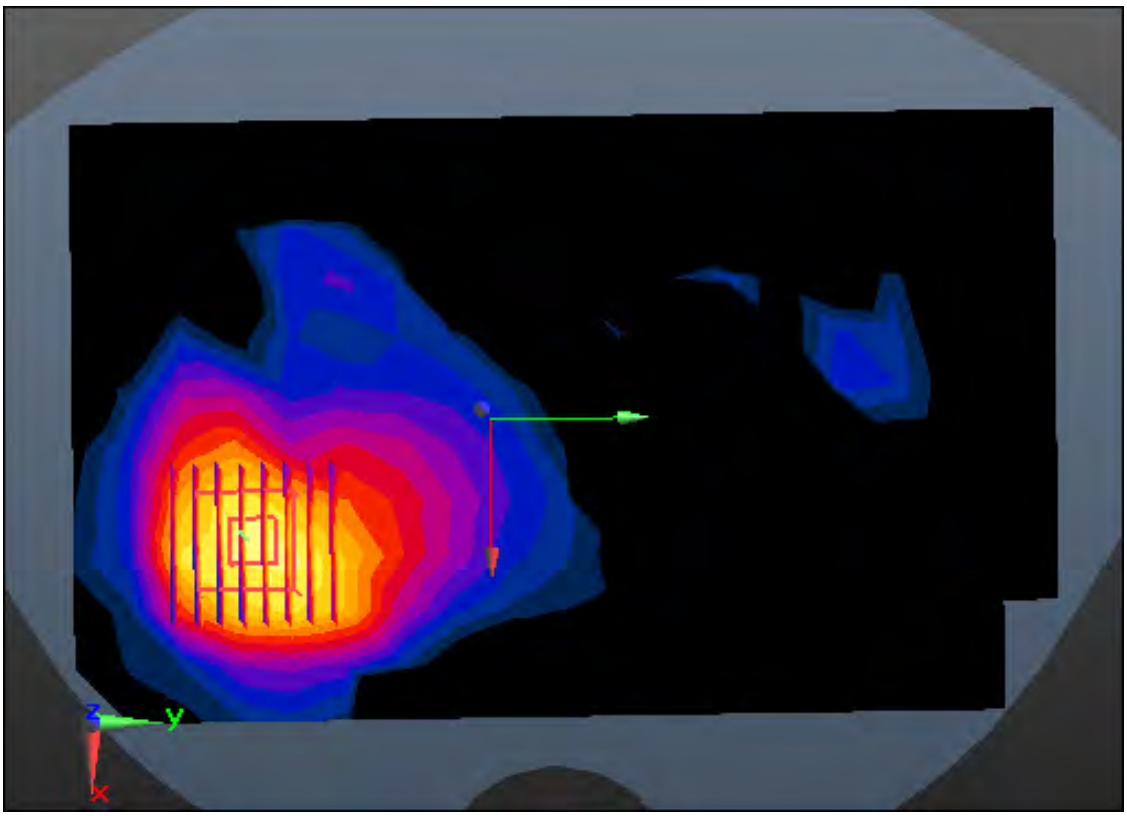
Mode : BandWidth 20 MHz, QPSK, RB Size: 1

Sensor On

Area Scan (12x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.04 dB
Peak SAR (extrapolated) = 20.6 W/kg
SAR(1 g) = 6.59 W/kg; SAR(10 g) = 2.44 W/kg



0 dB = 14.1 W/kg



Enlarged Plot for A87