

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 600 MHz; Type: D600V3; Serial: D600V3 - SN:1002

Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 42.217$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: ET3DV6R - SN1703; ConvF(7.1, 7.1, 7.1); Calibrated: 7/31/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-22; Ambient Temp: 21.9; Tissue Temp: 21.8

600 MHz System Verification(250mW)

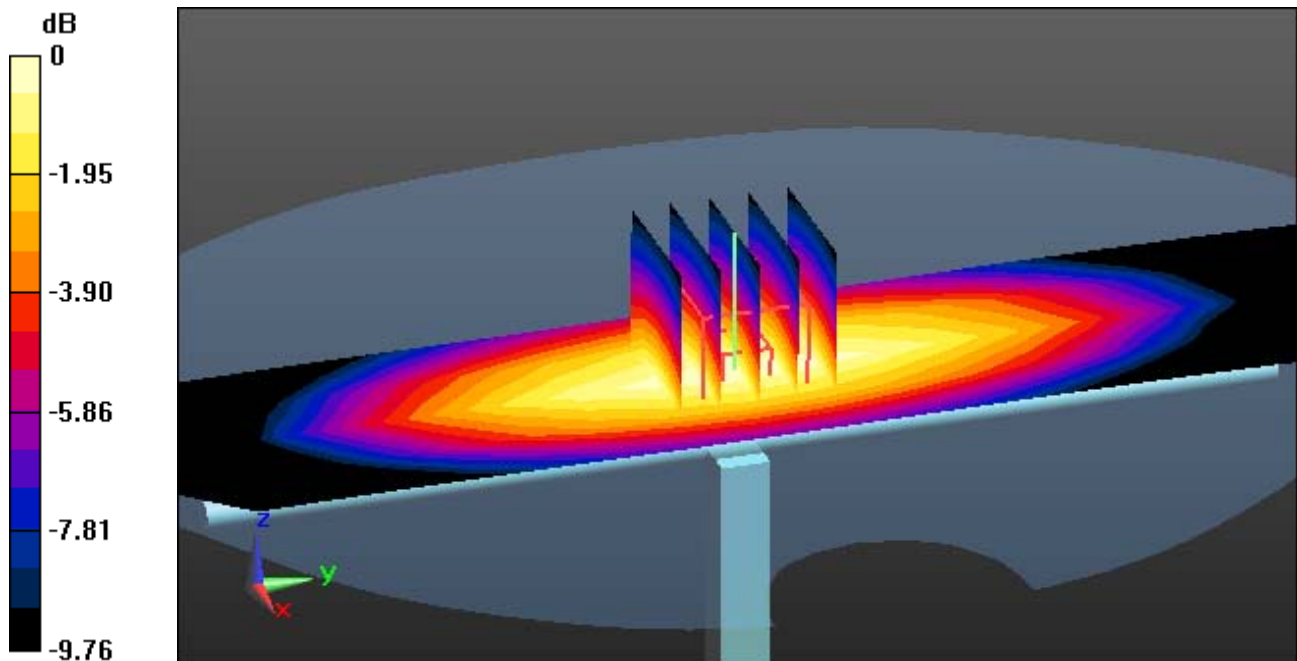
Area Scan (5x19x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 1.56 W/kg; SAR(10 g) = 1.03 W/kg



DT&C Co., Ltd.

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1049

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.896 \text{ S/m}$; $\epsilon_r = 40.773$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-15; Ambient Temp: 21.2; Tissue Temp: 20.9

750 MHz System Verification(250mW)

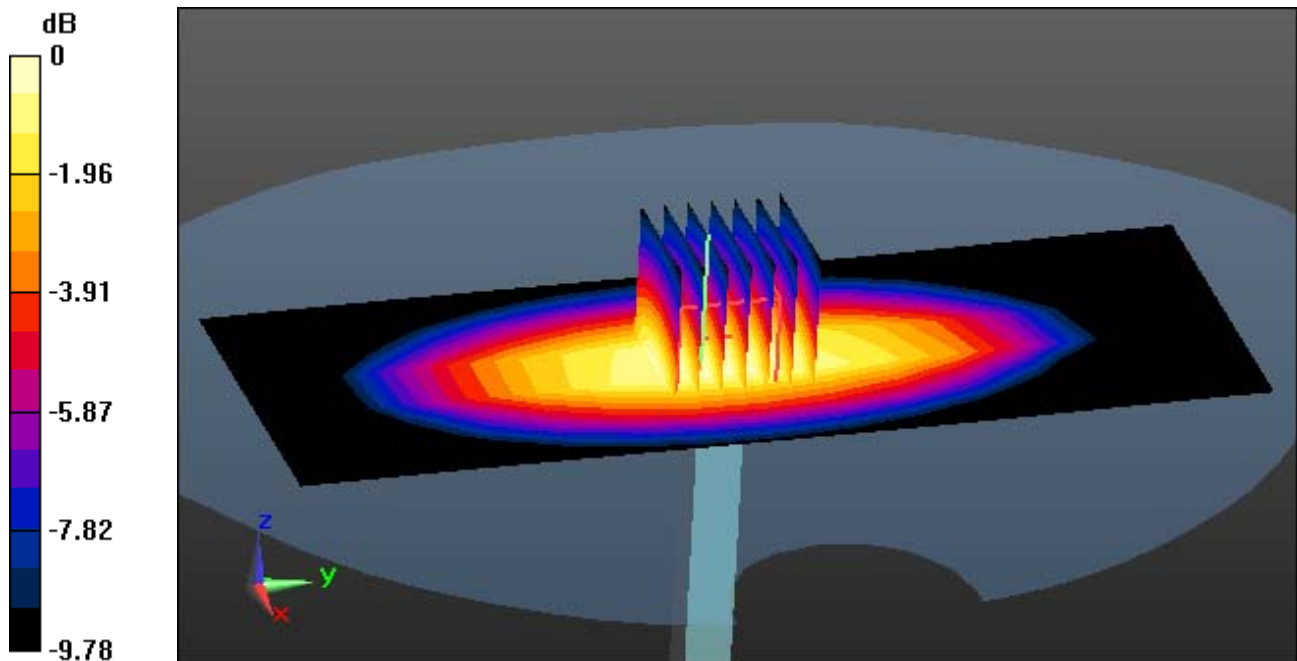
Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg



DT&C Co., Ltd.

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d159

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 40.465$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396
Sensor-Surface: 3mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-13; Ambient Temp: 21.6; Tissue Temp: 21.5

835 MHz System Verification(250mW)

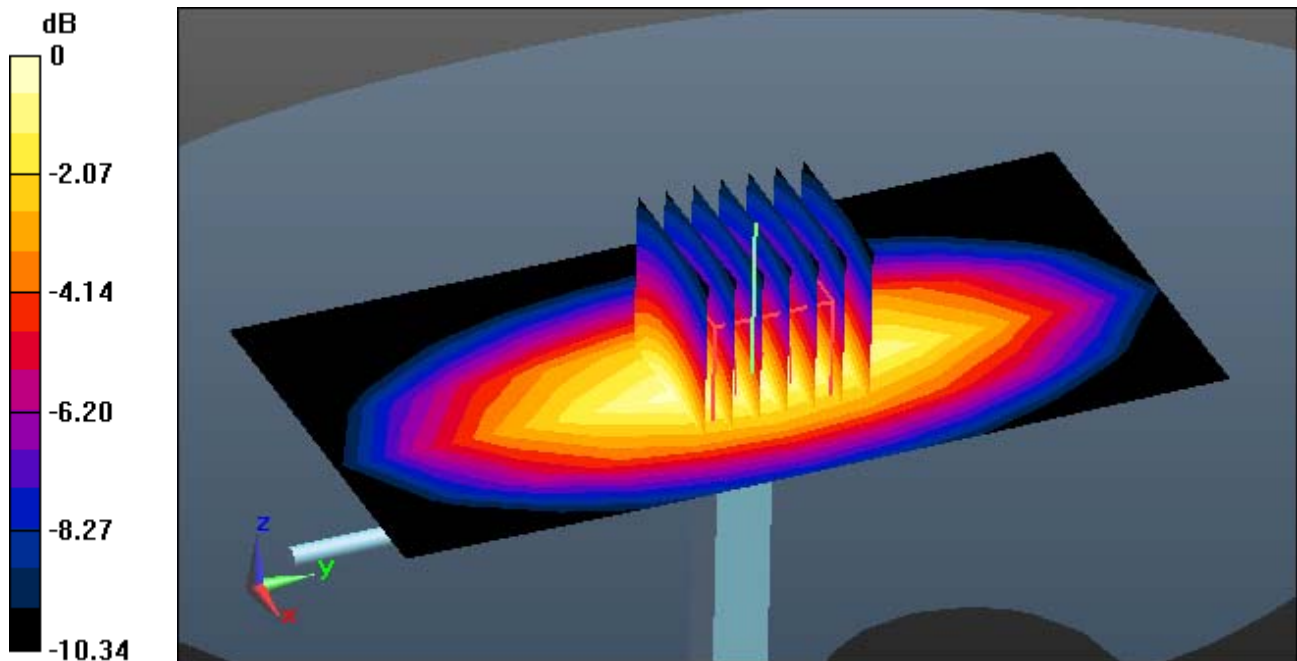
Area Scan (6x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg



0 dB = 2.78 W/kg

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d202

Communication System: UID 0, CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 40.503$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-28; Ambient Temp: 22.0.; Tissue Temp: 21.8

1800 MHz System Verification (100 mW)

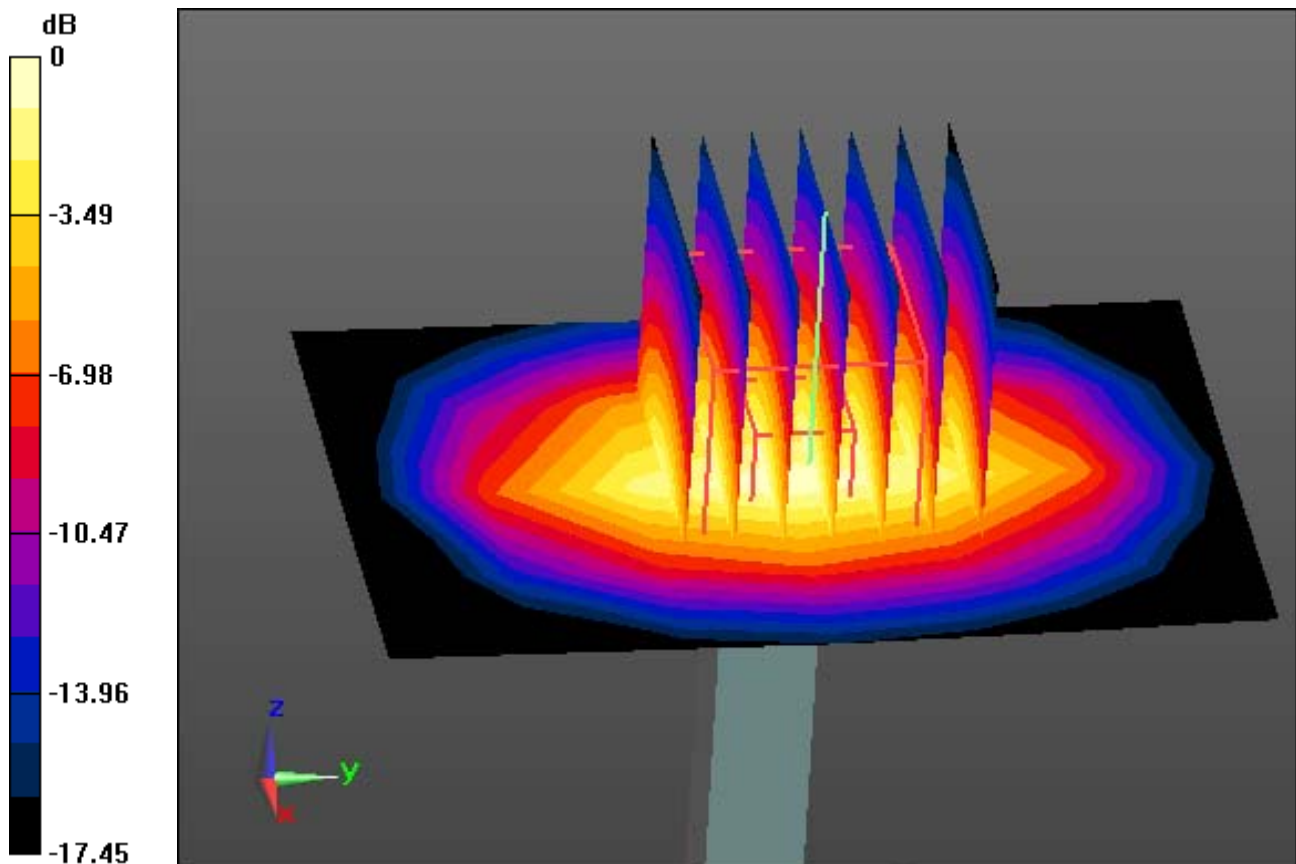
Area Scan (5x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.21 W/kg

SAR(1 g) = 3.92 W/kg; SAR(10 g) = 2.06 W/kg



0 dB = 5.27 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d176

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 40.657$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.8, 7.8, 7.8); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.8.; Tissue Temp: 21.9

1900 MHz System Verification (100 mW)

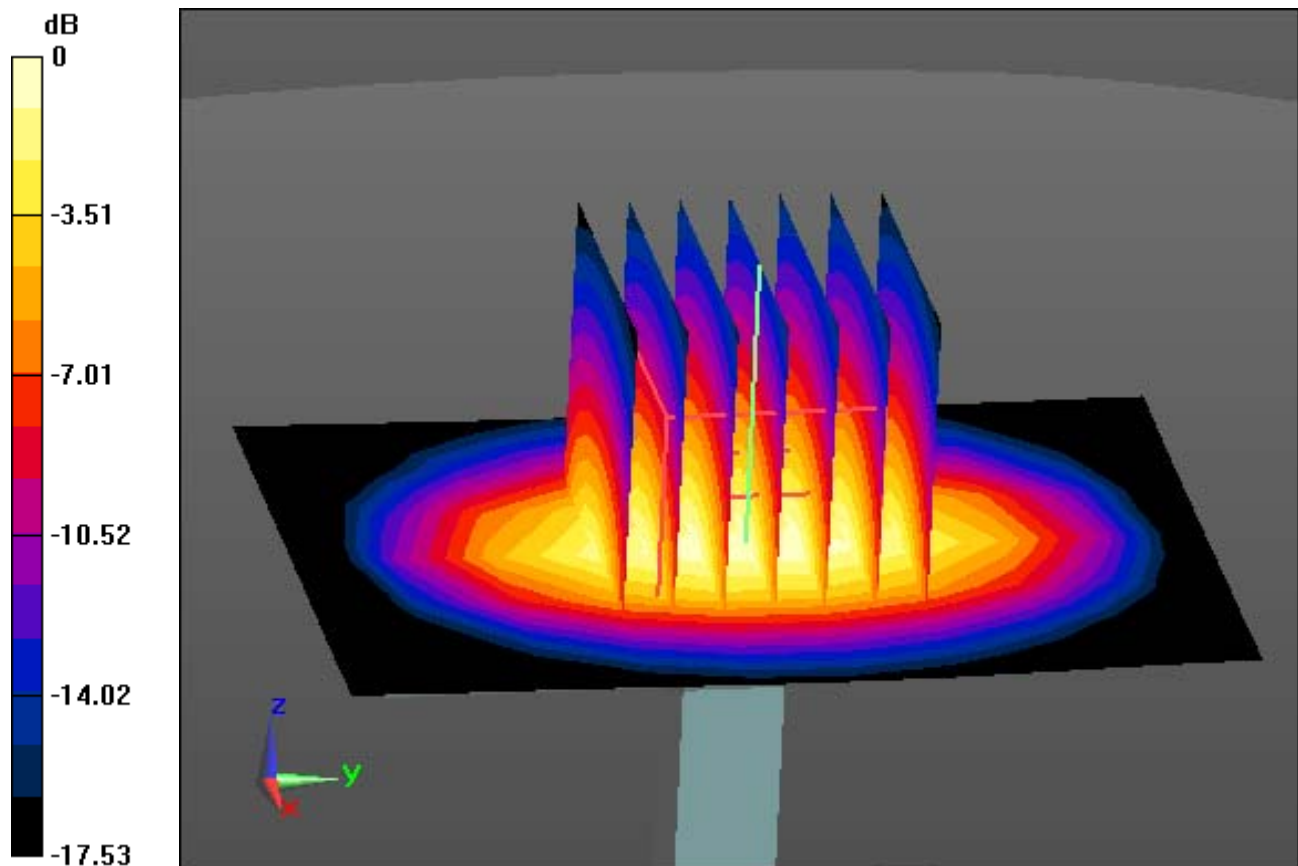
Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.44 W/kg

SAR(1 g) = 4.01 W/kg; SAR(10 g) = 2.09 W/kg



0 dB = 5.45 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 40.455$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3.; Tissue Temp: 22.4

2450 MHz System Verification (100 mW)

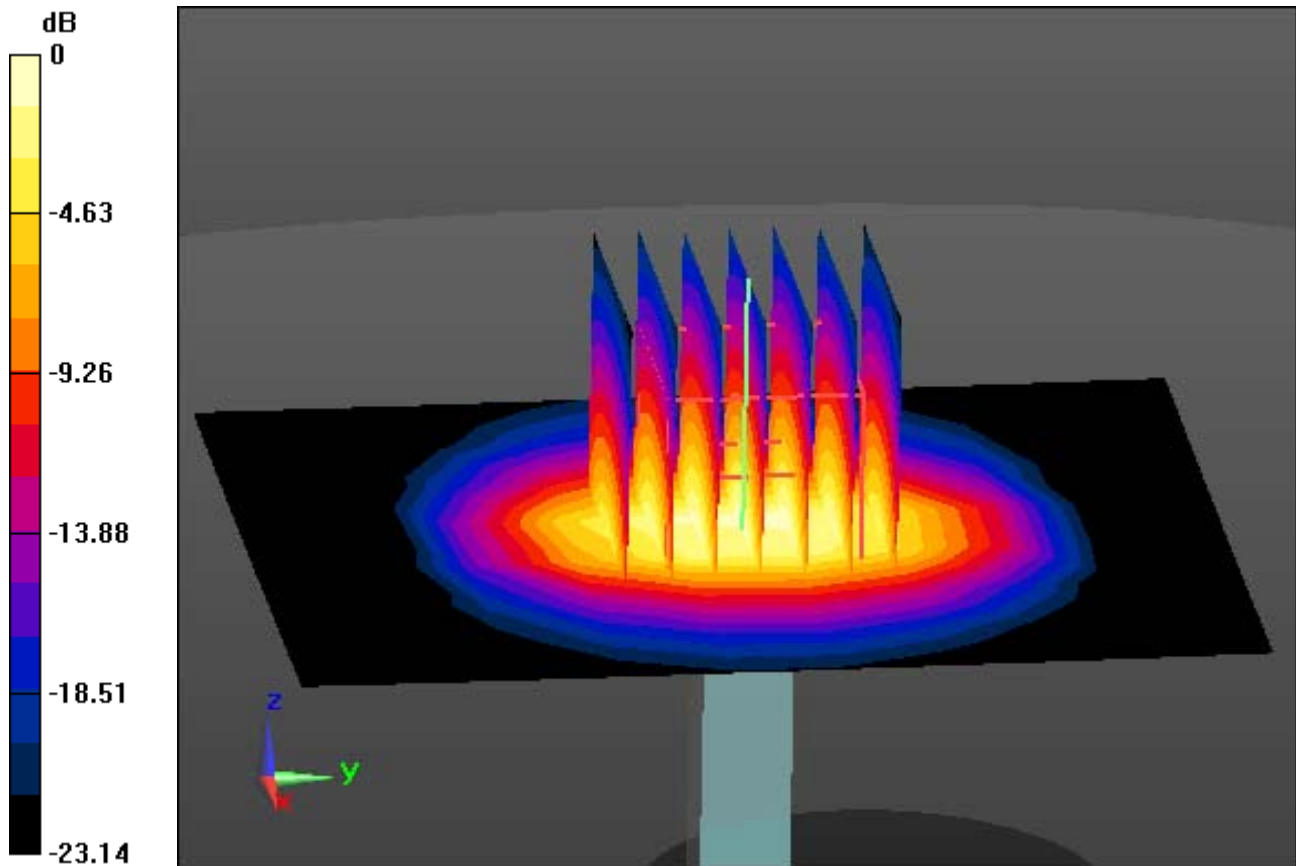
Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.12 W/kg; SAR(10 g) = 2.34 W/kg



0 dB = 7.92 W/kg

DT&C Co., Ltd.

DUT: Dipole 2450 Mhz; Type: D2450V2; Serial: D2450V2 - SN:920

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 40.455$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3.; Tissue Temp: 22.4

2450 MHz System Verification (100 mW)

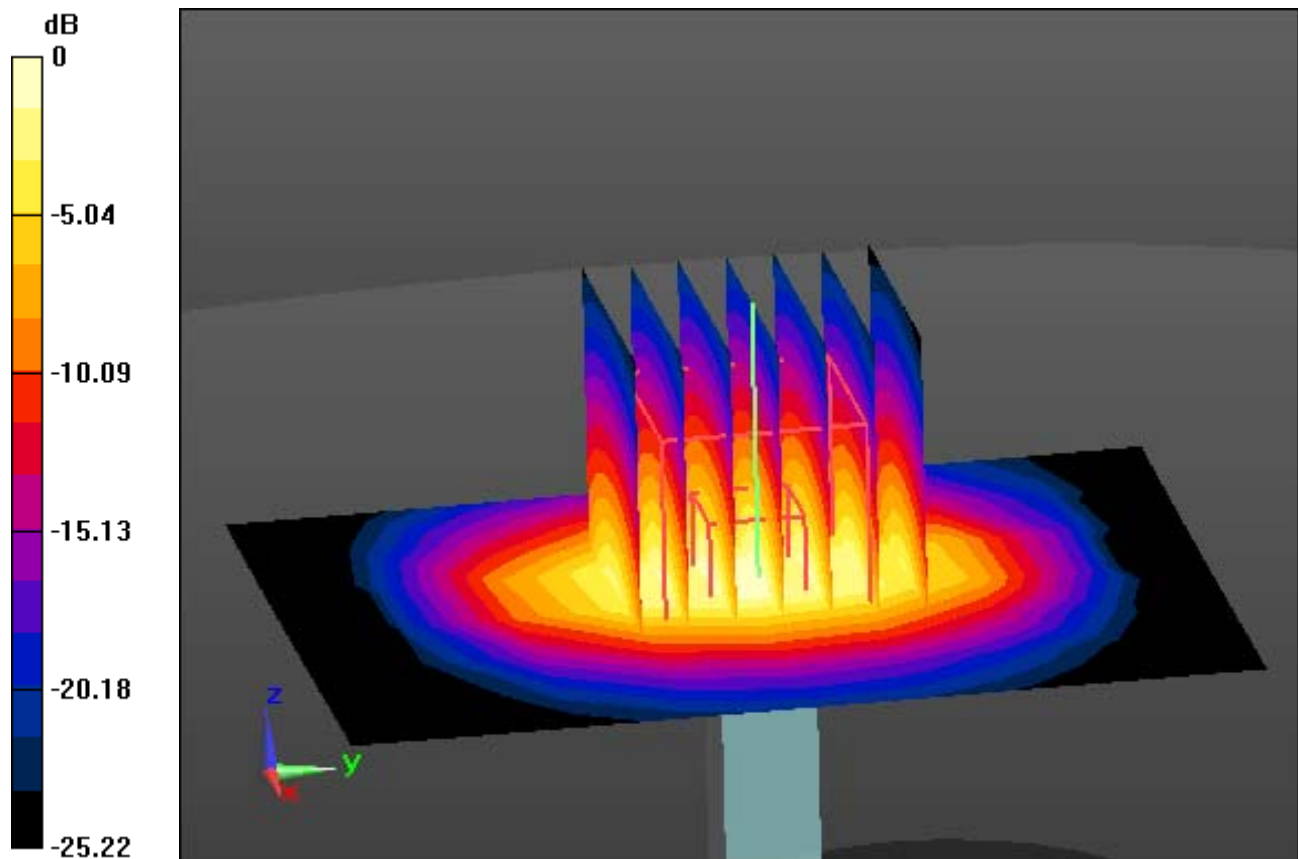
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.36 W/kg

SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.27 W/kg



0 dB = 8.07 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.758 \text{ S/m}$; $\epsilon_r = 36.617$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

5200 MHz System Verification(100mW)

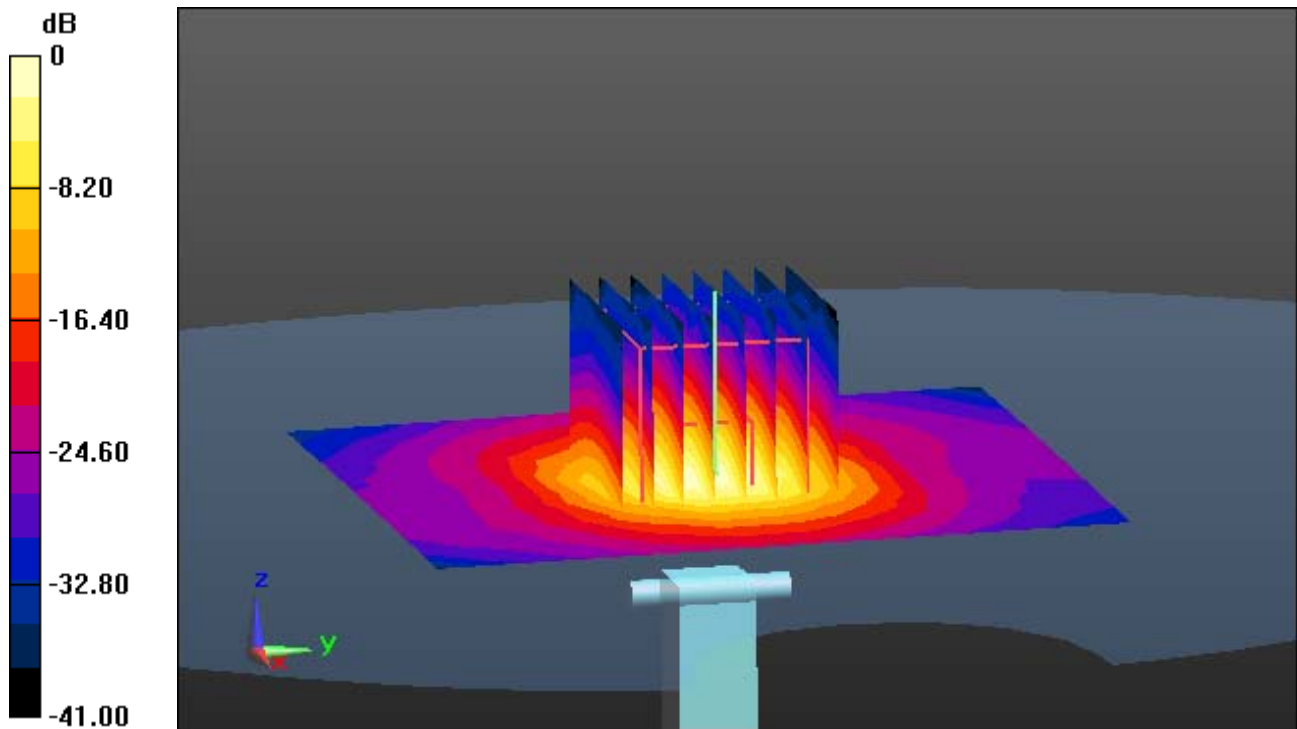
Area Scan (9x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 35.9 W/kg

SAR(1 g) = 8.43 W/kg; SAR(10 g) = 2.42 W/kg



0 dB = 20.0 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.87$ S/m; $\epsilon_r = 36.451$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.95, 4.95, 4.95); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

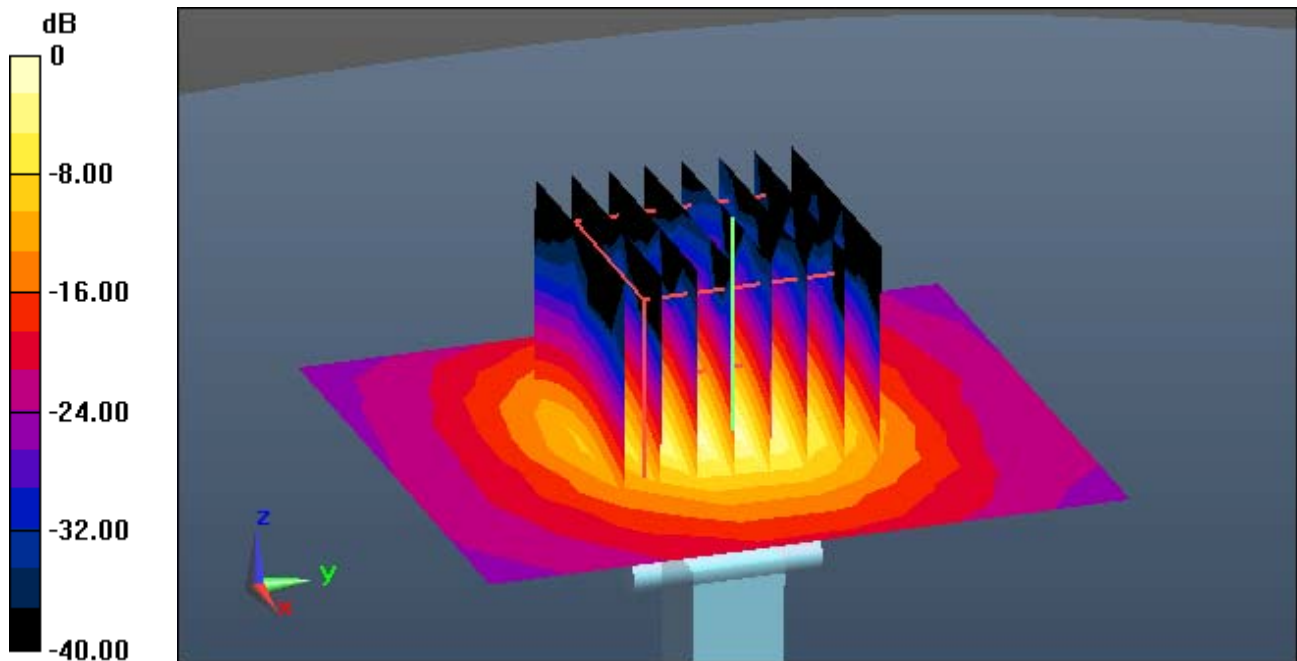
5300 MHz System Verification(100mW)

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

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio:1.4
Power Drift = 0.09 dB

Peak SAR (extrapolated) = 36.4 W/kg

SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.23 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 35.779$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

5500 MHz System Verification(100mW)

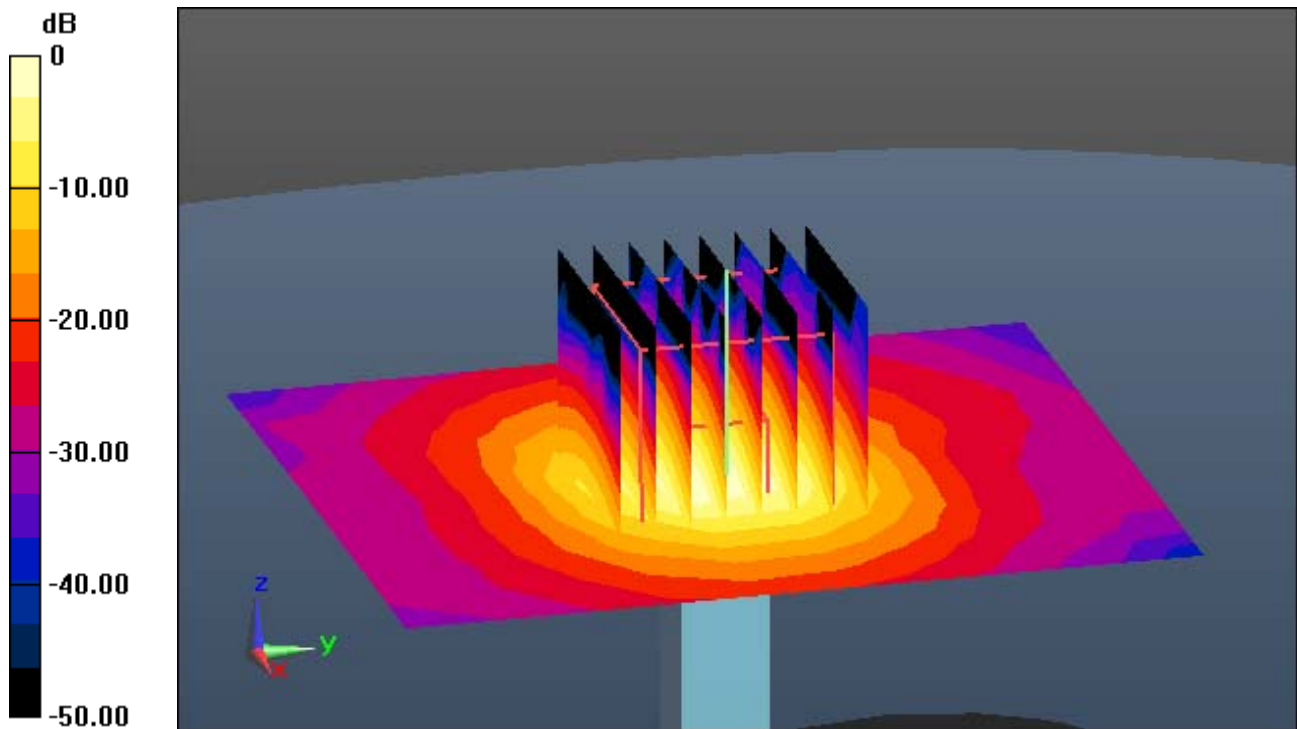
Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

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) = 35.3 W/kg

SAR(1 g) = 8.45 W/kg; SAR(10 g) = 2.41 W/kg



0 dB = 20.3 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.118$ S/m; $\epsilon_r = 35.616$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.7, 4.7, 4.7); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

5600 MHz System Verification(100mW)

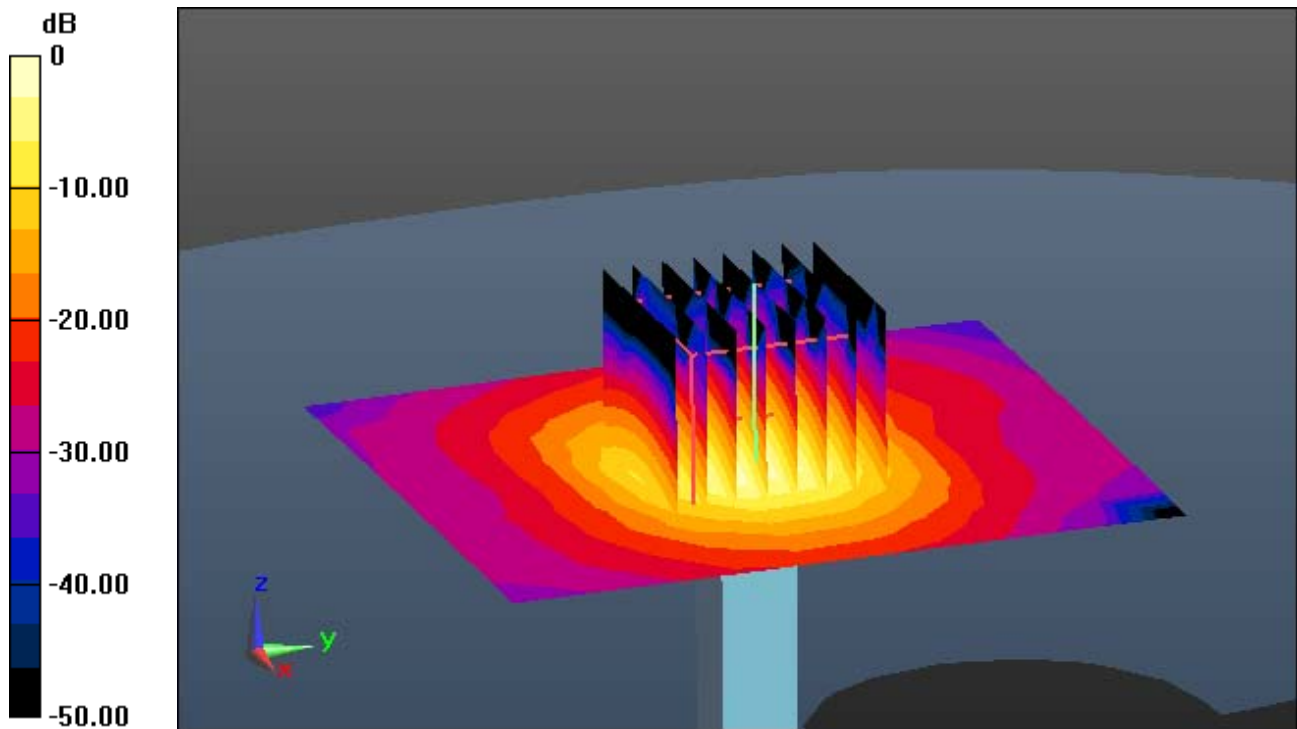
Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.9 W/kg; SAR(10 g) = 2.25 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.346$ S/m; $\epsilon_r = 35.265$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

5800 MHz System Verification(100mW)

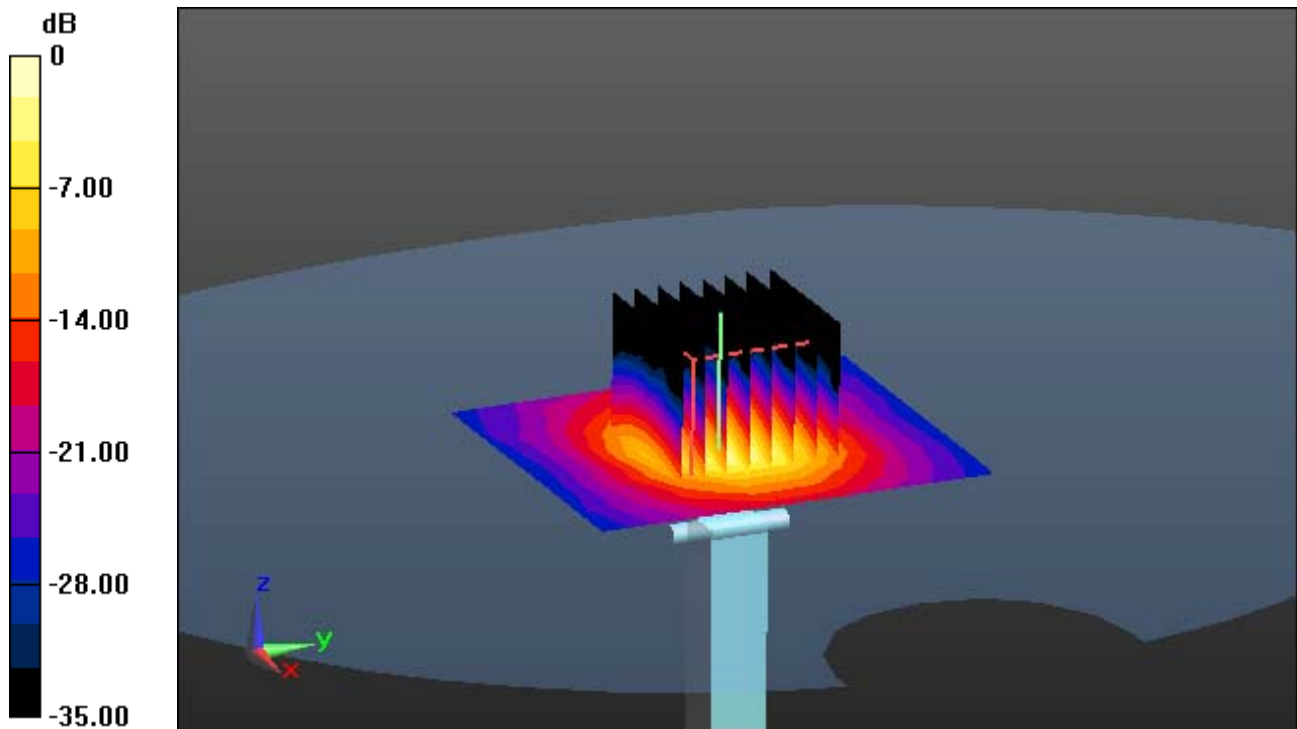
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 34.4 W/kg

SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.26 W/kg



0 dB = 19.2 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.387$ S/m; $\epsilon_r = 35.571$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

5800 MHz System Verification(100mW)

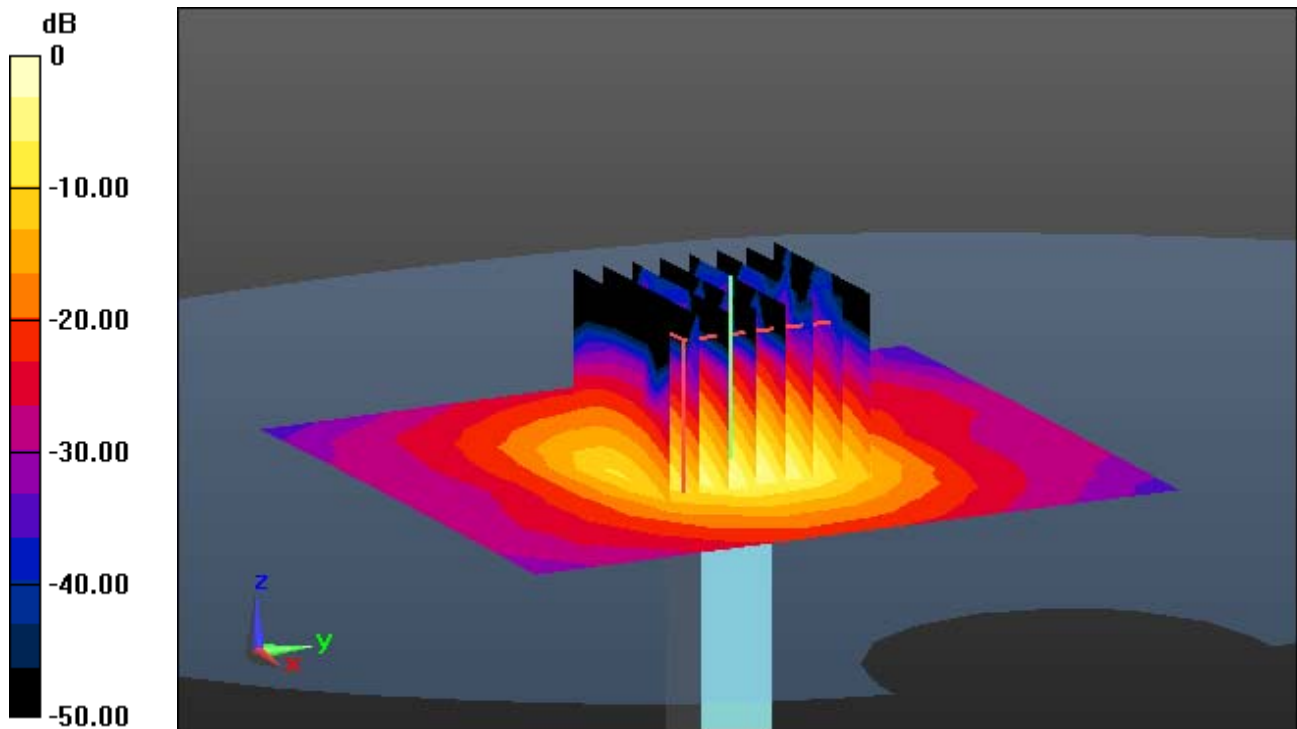
Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

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) = 33.7 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.32 W/kg



0 dB = 19.3 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar;

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.446$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-13; Ambient Temp: 21.6; Tissue Temp: 21.5

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

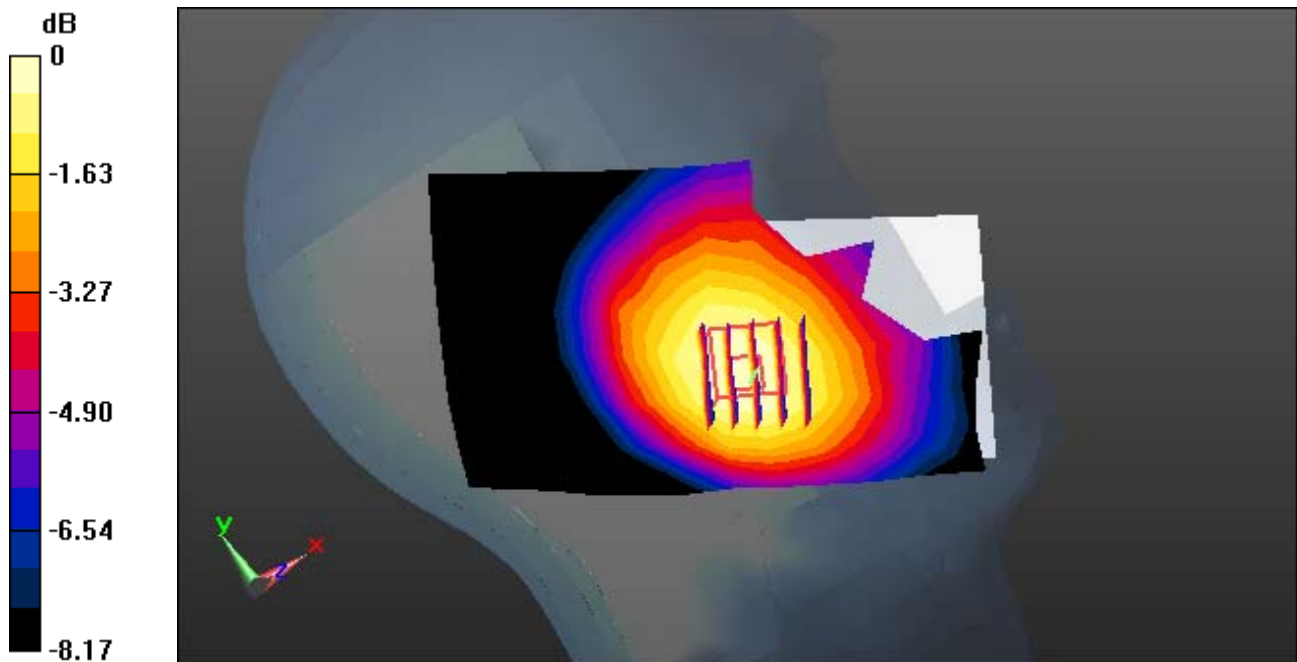
Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.036 W/kg



0 dB = 0.0514 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar;

Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 40.843$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-28; Ambient Temp: 22.0; Tissue Temp: 21.8

Right Touch, WCDMA Band 4 Ch. 1412, Ant Internal, Standard Battery

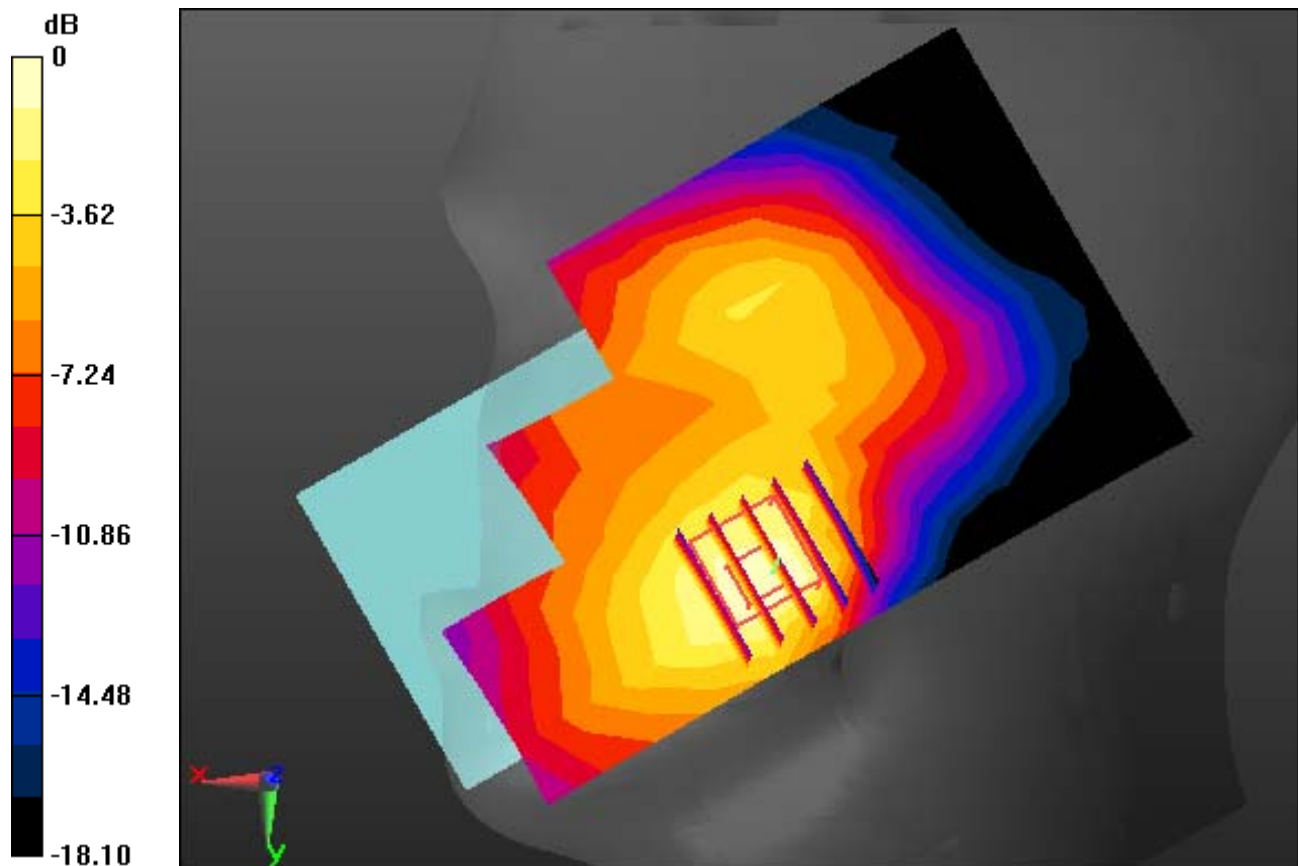
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.111 W/kg



0 dB = 0.231 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar;

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 40.697$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.8, 7.8, 7.8); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.9

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

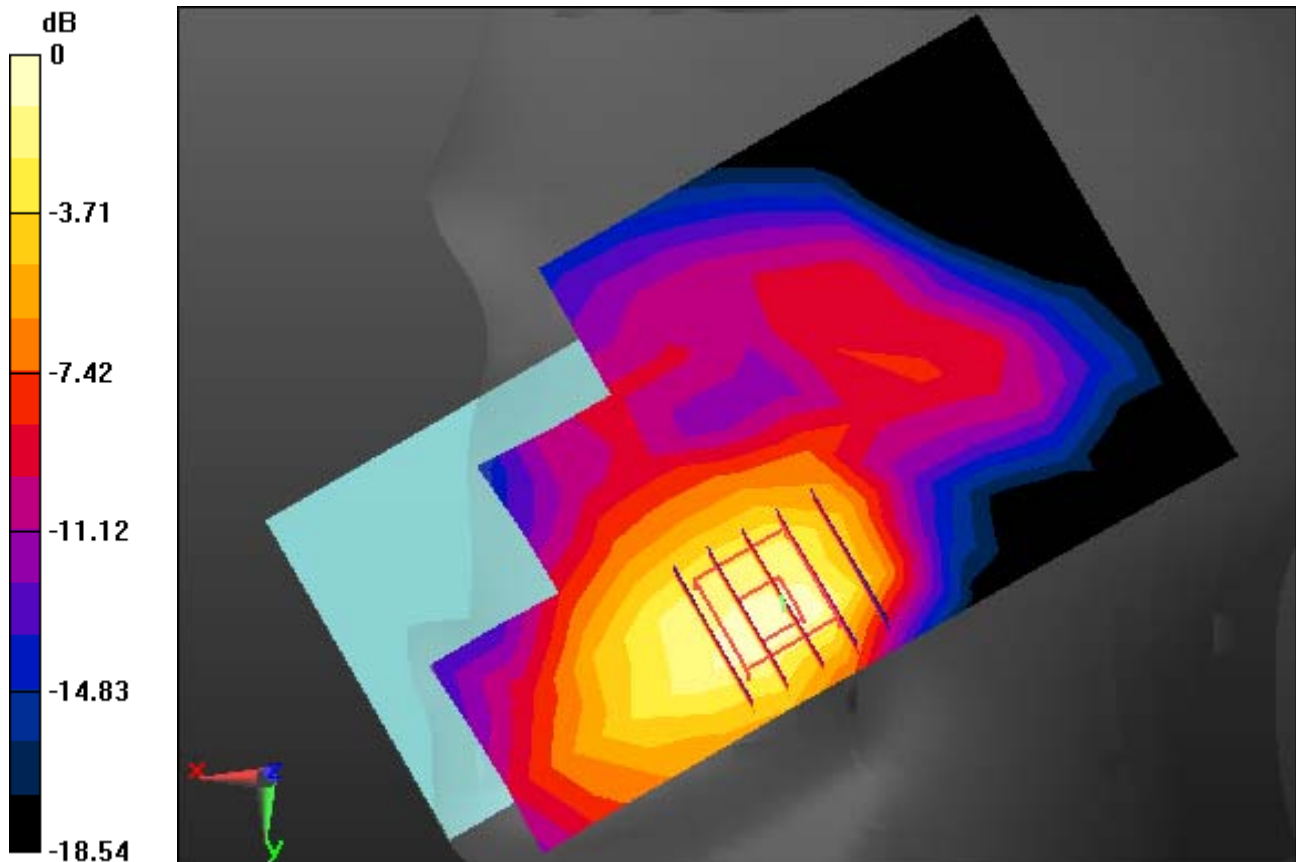
Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.082 W/kg



0 dB = 0.191 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar;

Communication System: UID 0, LTE Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 680.5 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 41.494$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: ET3DV6R - SN1703; ConvF(7.1, 7.1, 7.1); Calibrated: 7/31/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-22; Ambient Temp: 21.9 Tissue Temp: 21.8

Right Touch, LTE Band 71 Ch. 133297, Ant Internal, Standard Battery

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

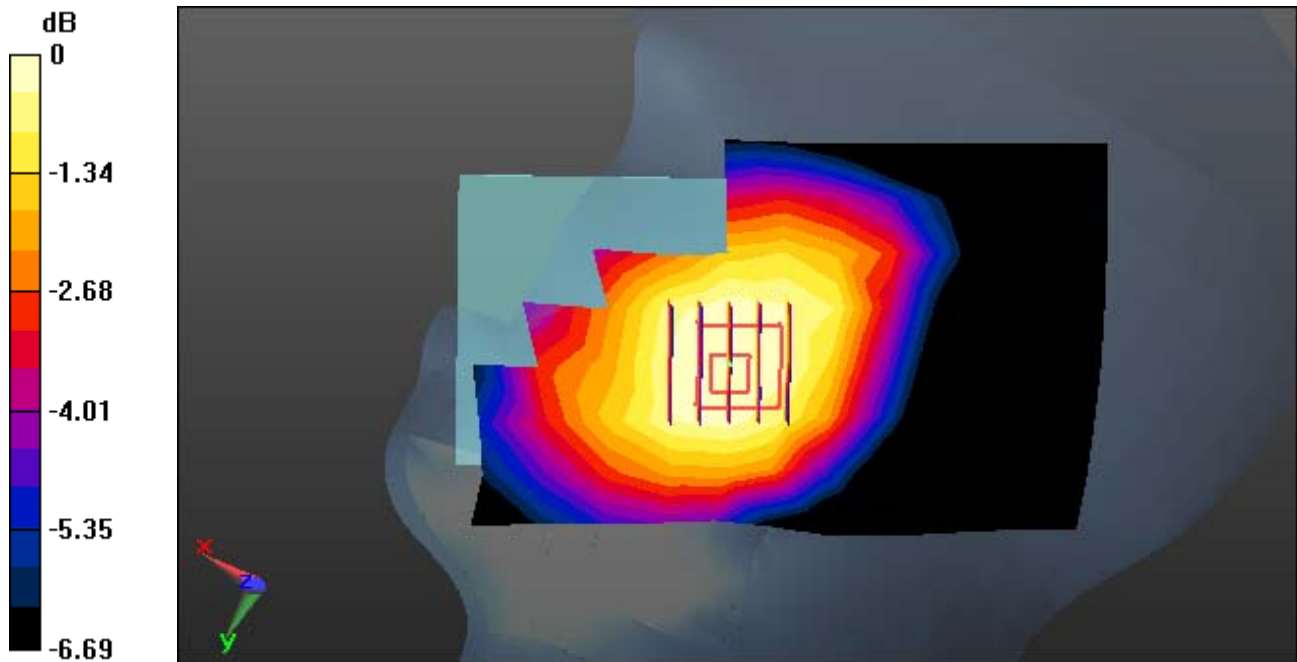
Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00857 W/kg



0 dB = 0.0112 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar;

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 41.361$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-15; Ambient Temp: 21.2 Tissue Temp: 20.9

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

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

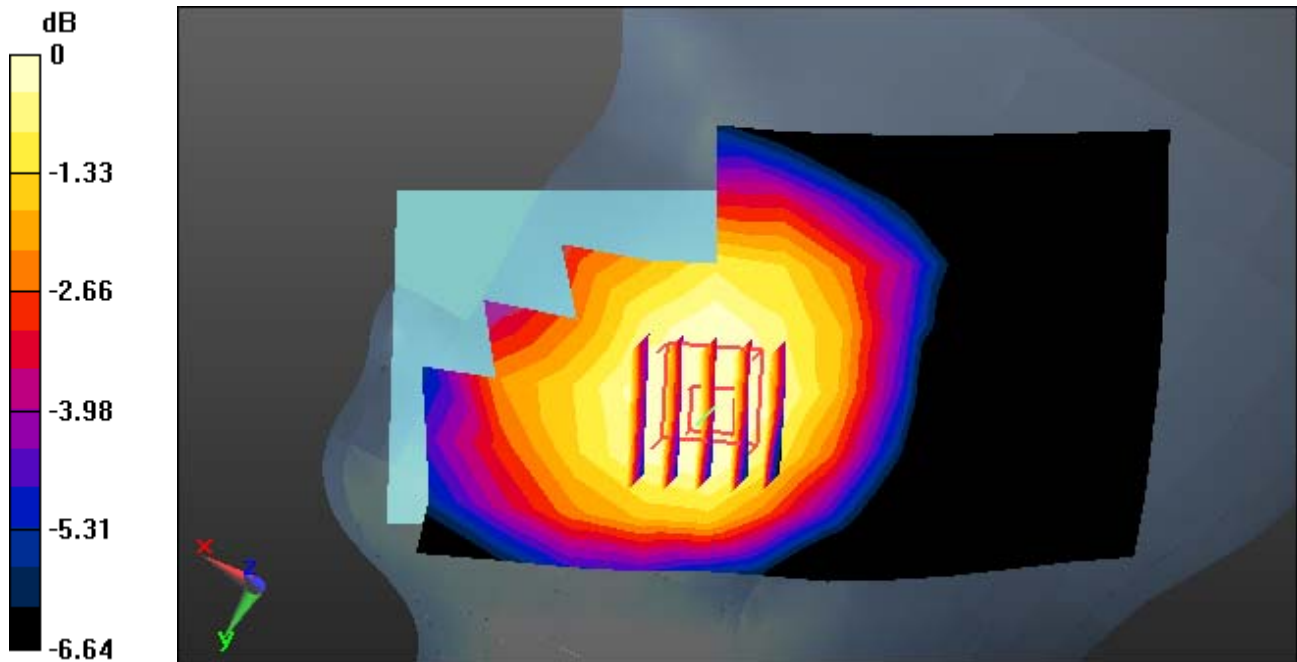
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.012 W/kg



0 dB = 0.0156 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar;

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

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 40.343$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-15; Ambient Temp: 21.2 Tissue Temp: 20.9

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

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

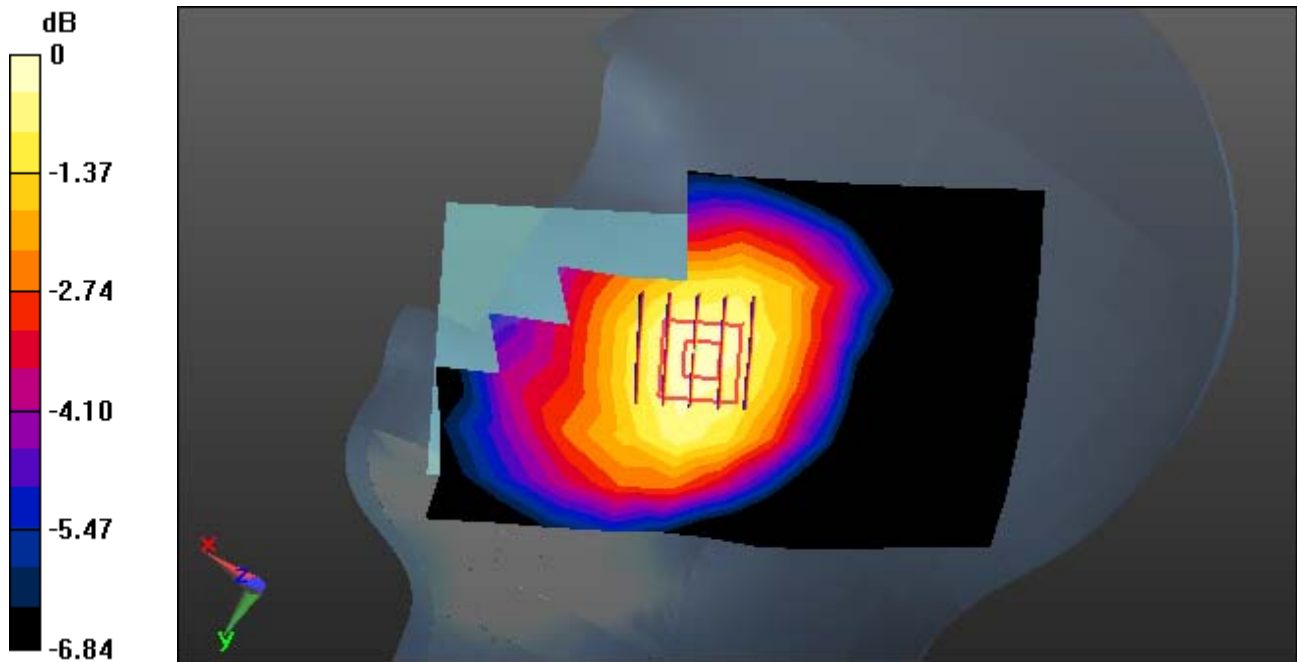
Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.028 W/kg



0 dB = 0.0375 W/kg

DT&C Co., Ltd.

DUT: EF550; 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; $\sigma = 0.91$ S/m; $\epsilon_r = 40.448$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-13; Ambient Temp: 21.6 Tissue Temp: 21.5

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

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

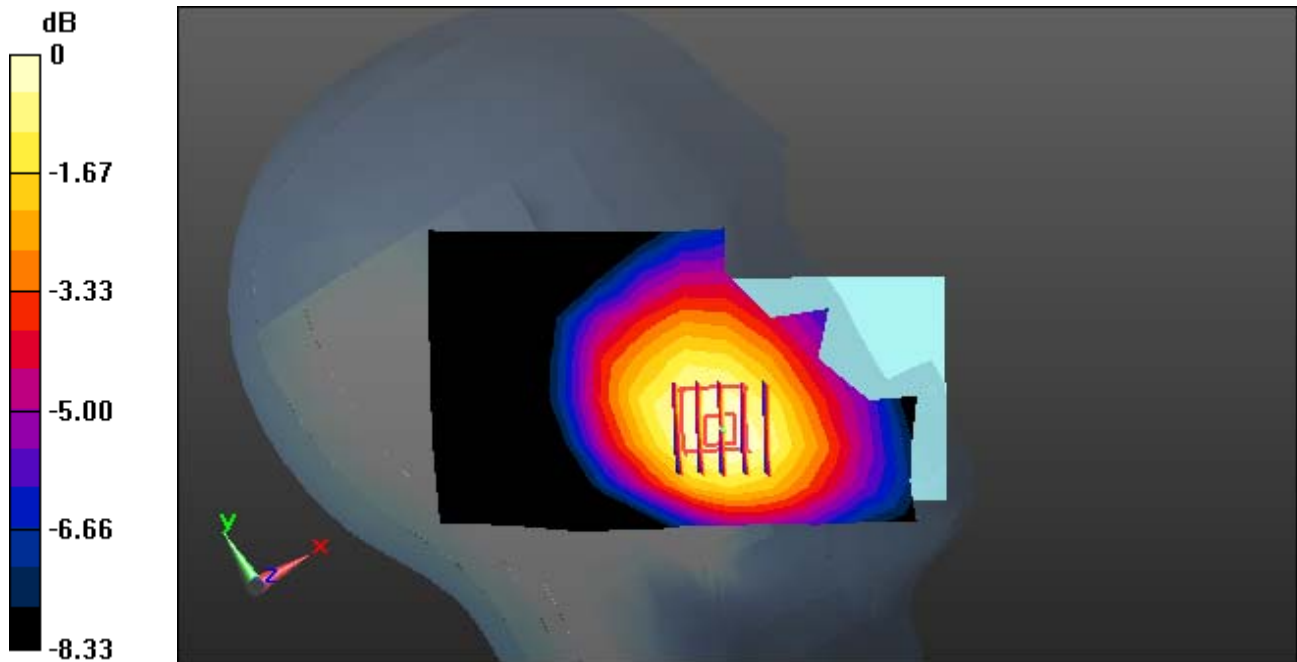
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.041 W/kg



0 dB = 0.0575 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, LTE Band 66(FCC) (0); Frequency: 1770 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.637$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-11-05; Ambient Temp: 22.0; Tissue Temp: 21.8

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

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

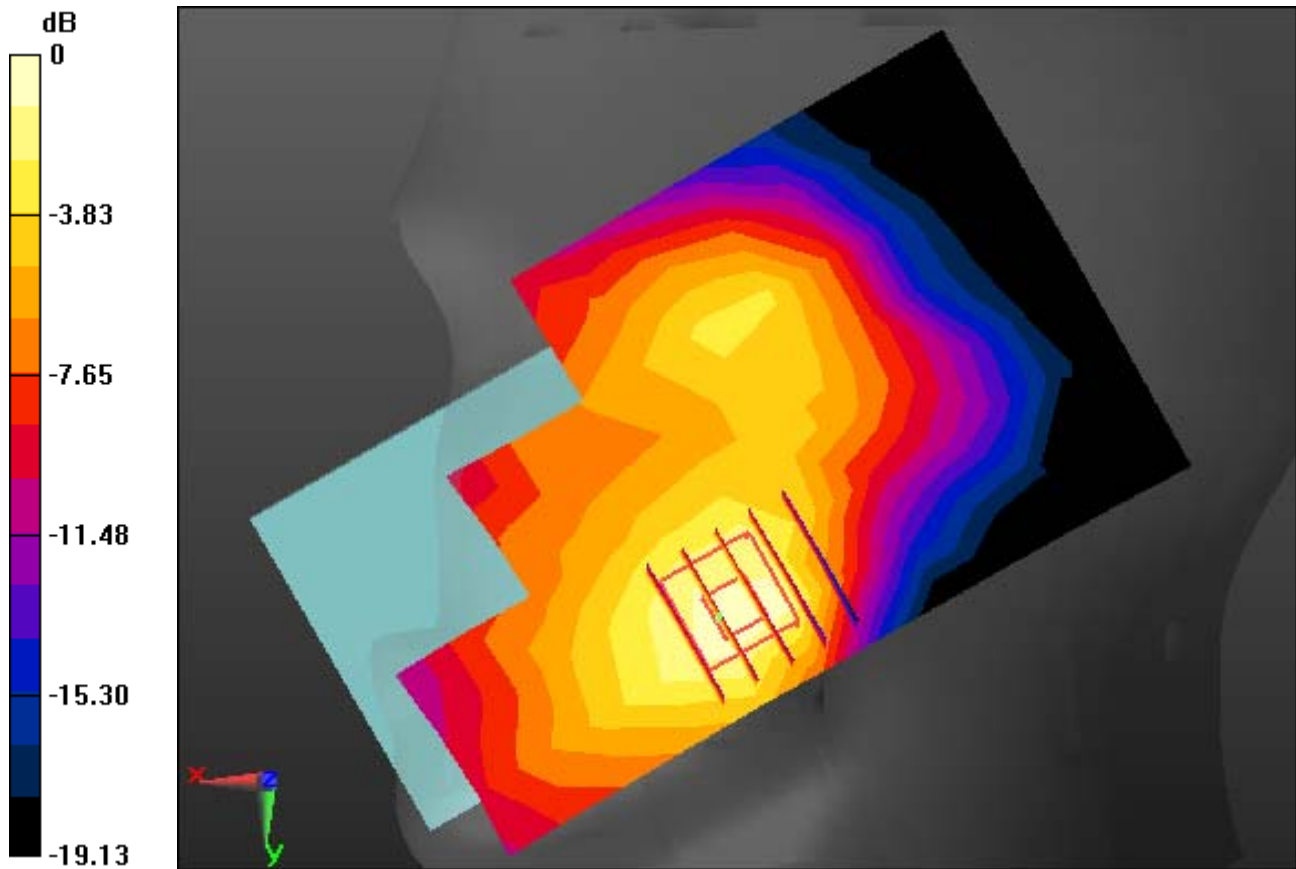
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.135 W/kg



0 dB = 0.269 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.697$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.8, 7.8, 7.8); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.9

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

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

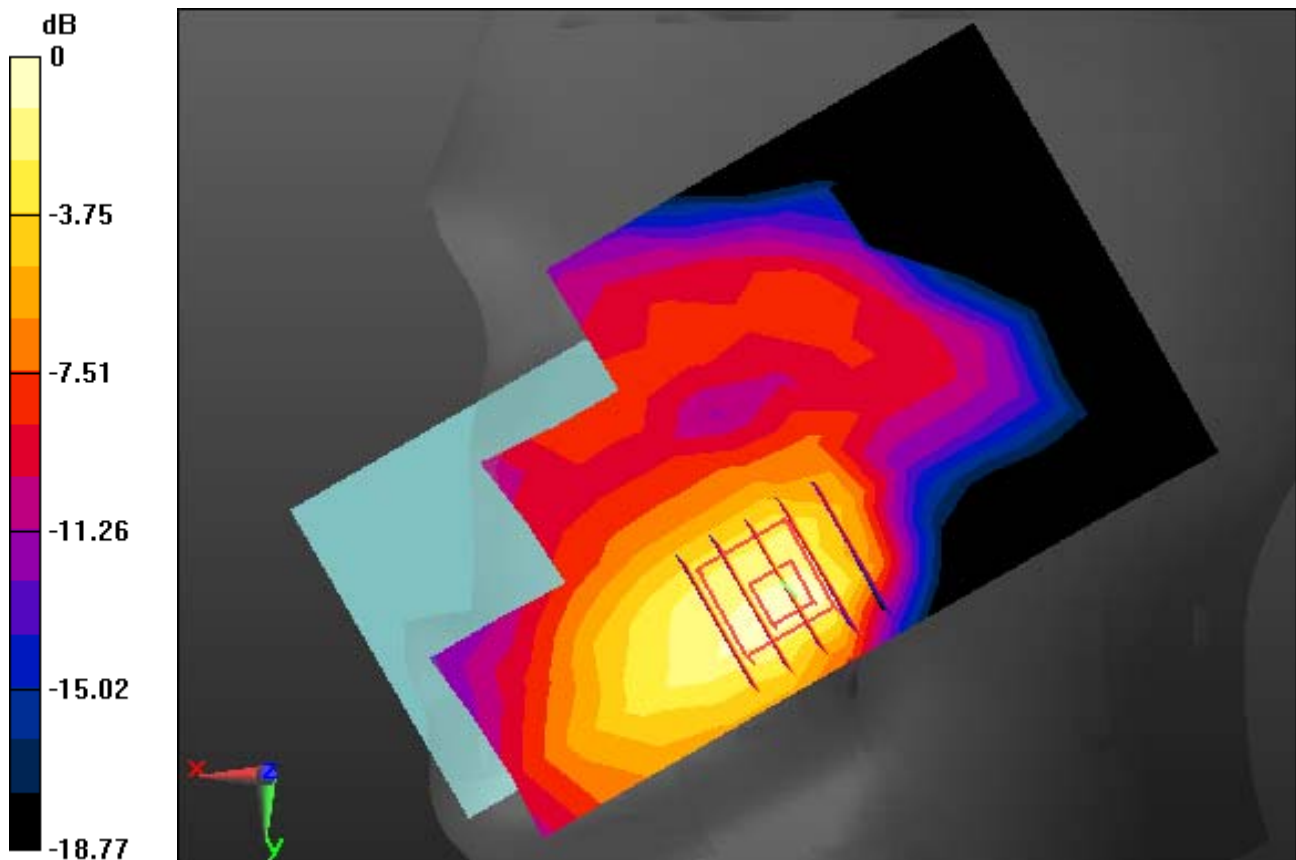
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.078 W/kg



0 dB = 0.177 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.799 \text{ S/m}$; $\epsilon_r = 40.498$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

Right Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery, Ant.1

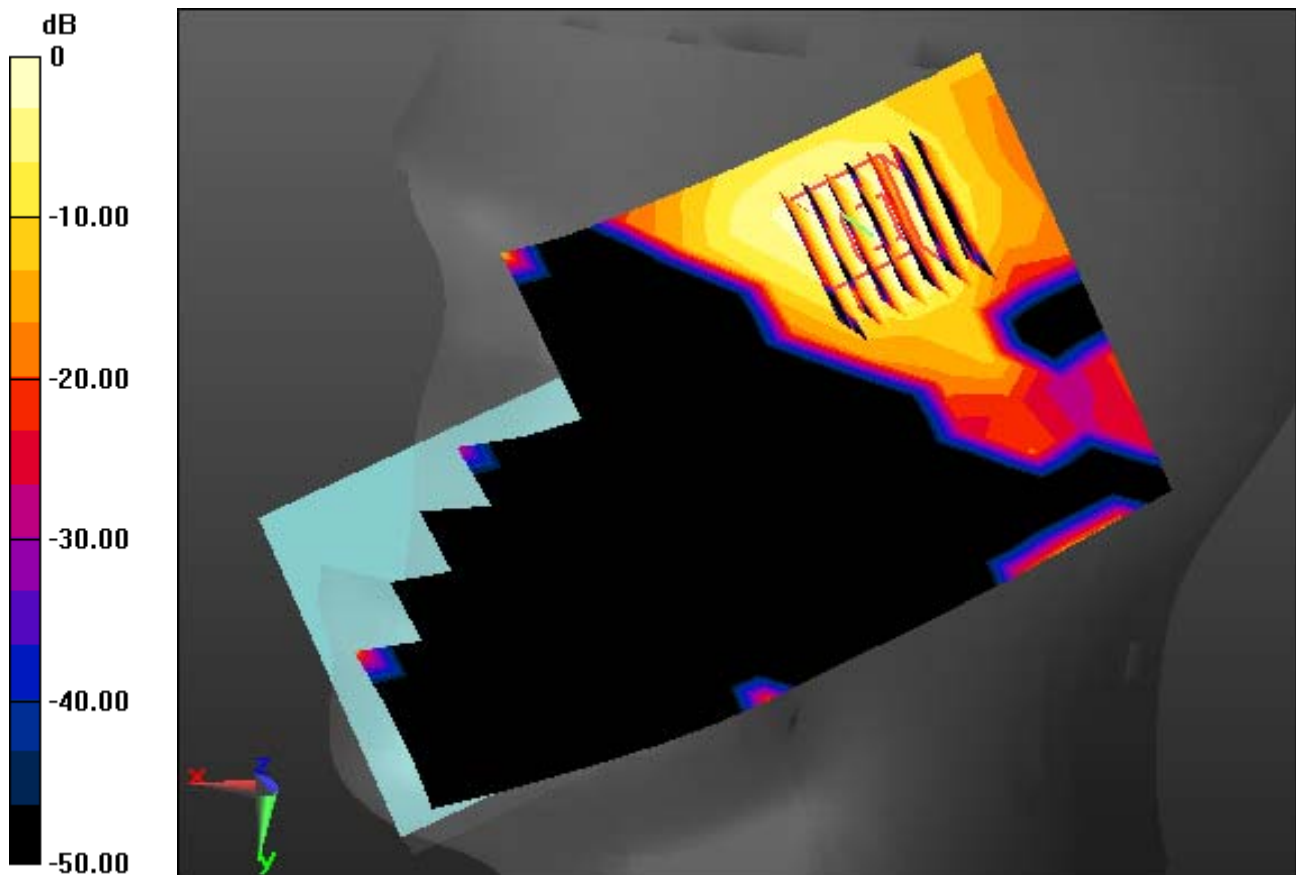
Area Scan (10x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.017 W/kg



0 dB = 0.0570 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.771 \text{ S/m}$; $\epsilon_r = 40.581$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

Right Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery, Ant.2

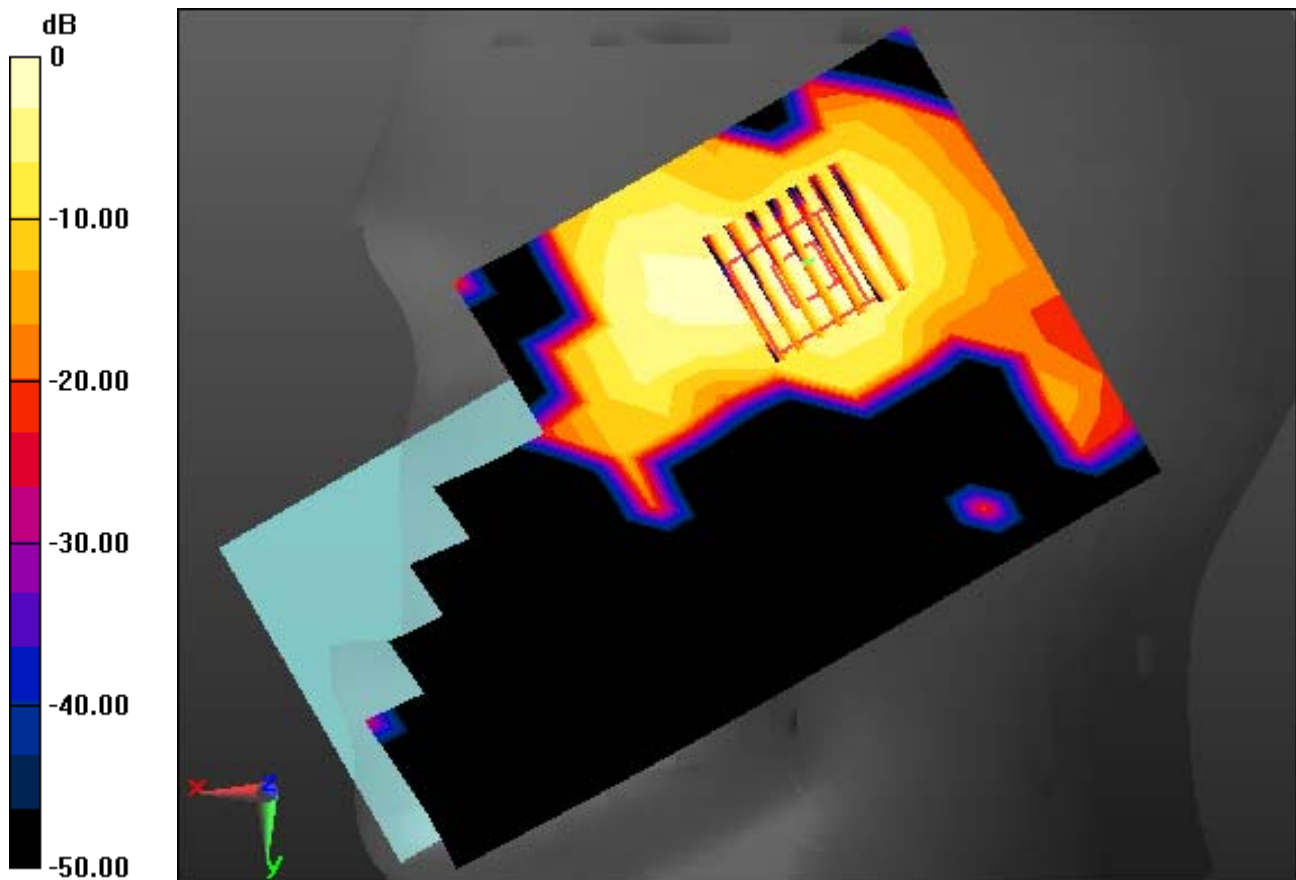
Area Scan (10x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.018 W/kg



DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.771 \text{ S/m}$; $\epsilon_r = 40.581$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

Right Touch, W-LAN(802.11g) Ch. 1, Ant Internal, Standard Battery, MIMO

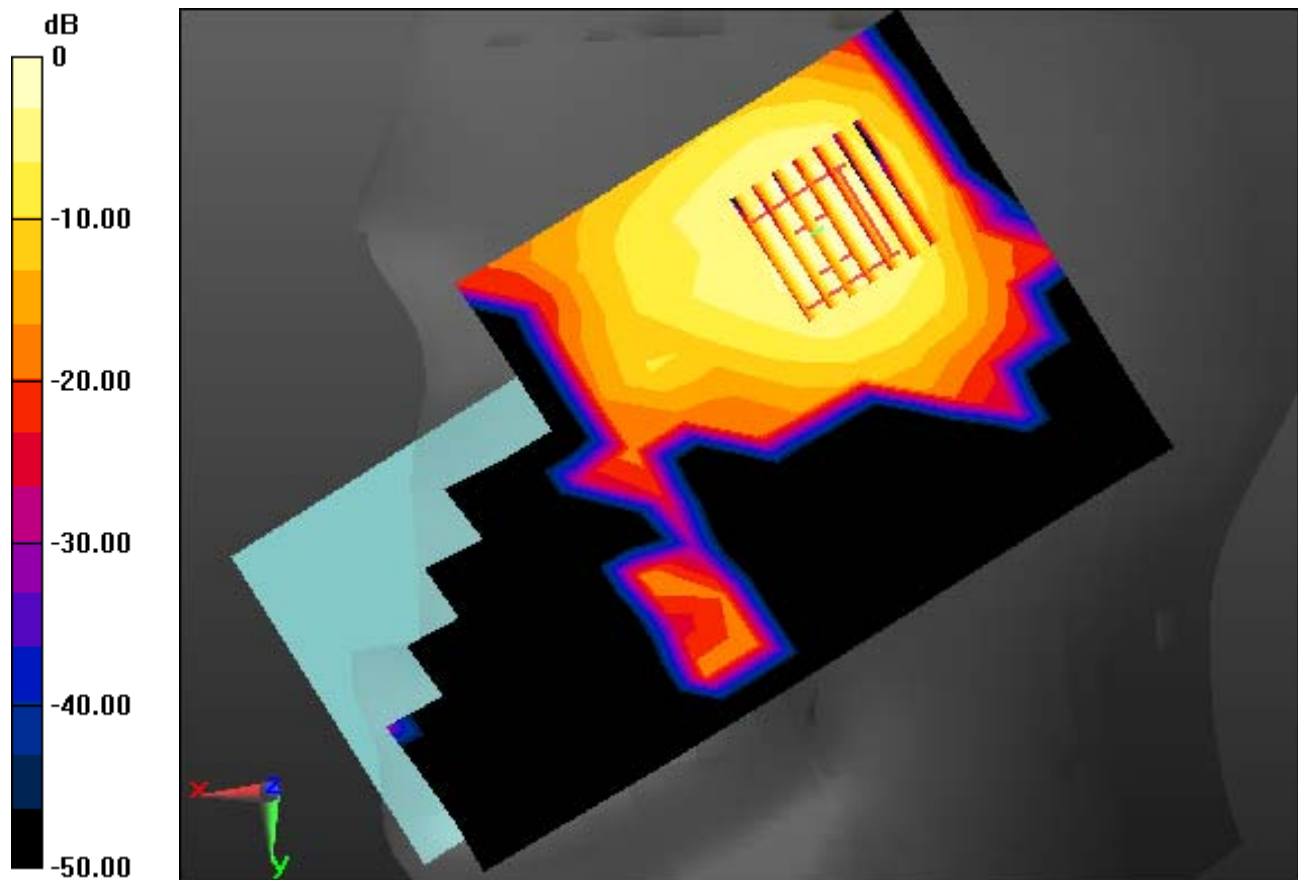
Area Scan (10x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.060 W/kg



0 dB = 0.188 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.897 \text{ S/m}$; $\epsilon_r = 36.413$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.95, 4.95, 4.95); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a) Ch.64, Ant Internal, Standard Battery, Ant. 1

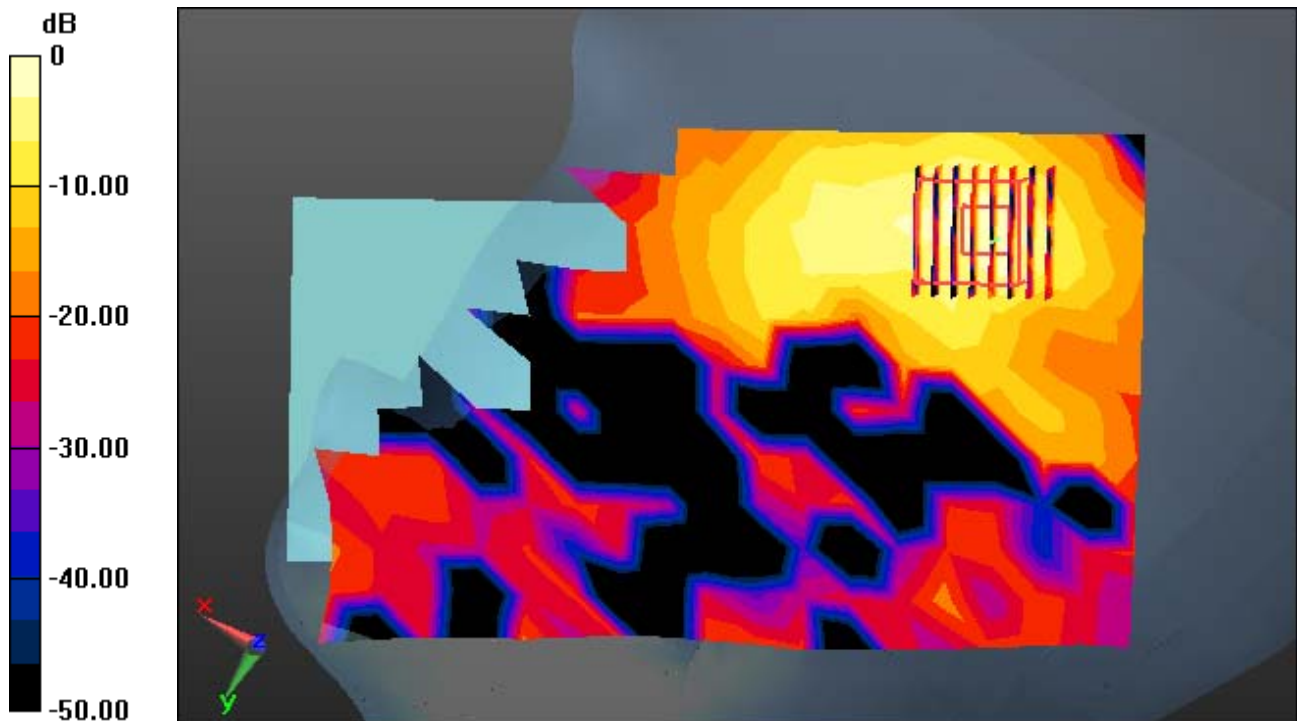
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.325 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.733 \text{ S/m}$; $\epsilon_r = 36.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

Left Touch, W-LAN(802.11a) Ch.36, Ant Internal, Standard Battery, Ant.2

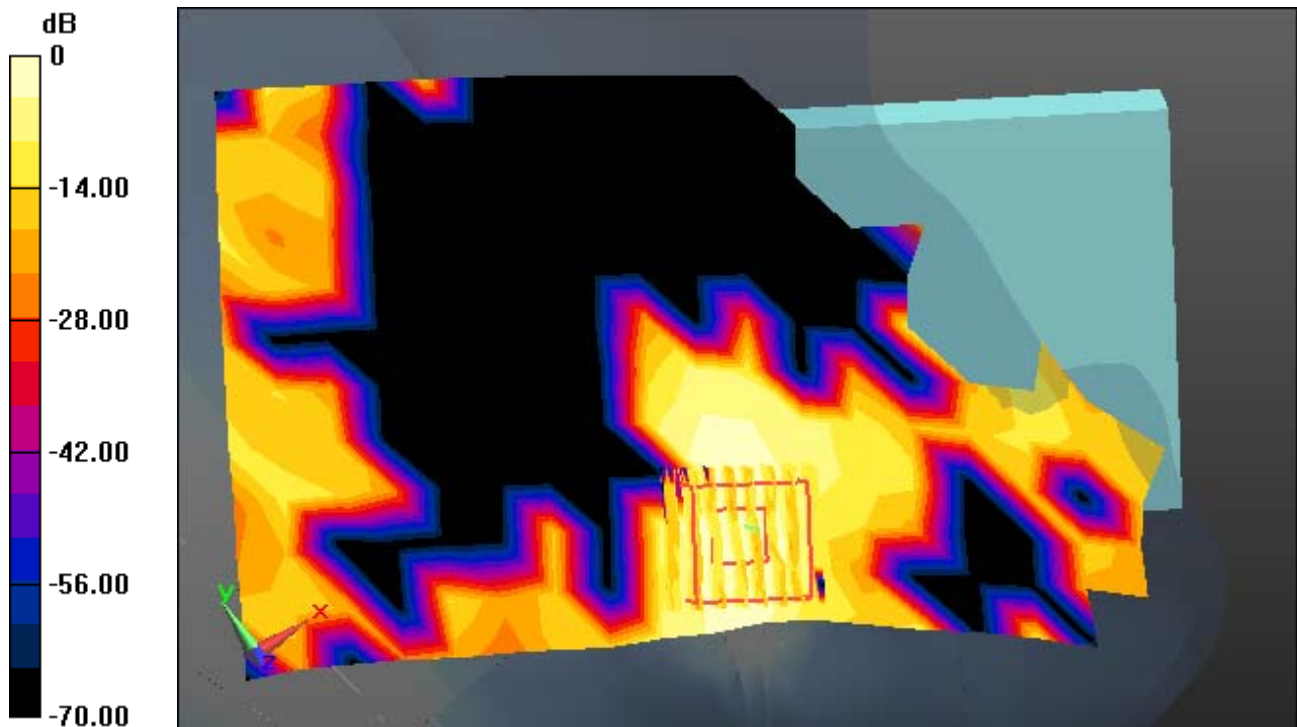
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00843 W/kg



0 dB = 0.0608 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.733 \text{ S/m}$; $\epsilon_r = 36.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

Right Touch, W-LAN(802.11a) Ch.36, Ant Internal, Standard Battery, MIMO

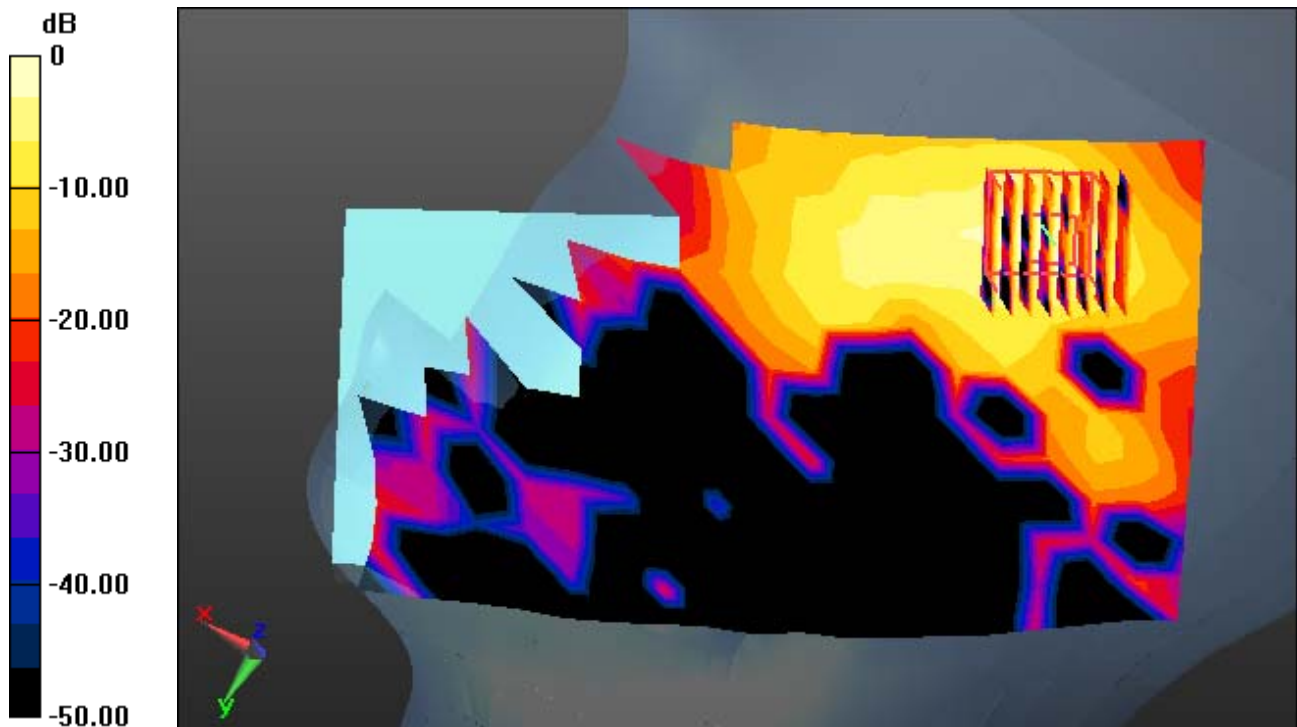
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.043 W/kg



0 dB = 0.364 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.095 \text{ S/m}$; $\epsilon_r = 35.632$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.7, 4.7, 4.7); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

Left Tilt, W-LAN(802.11a) Ch.116, Ant Internal, Standard Battery, Ant.1

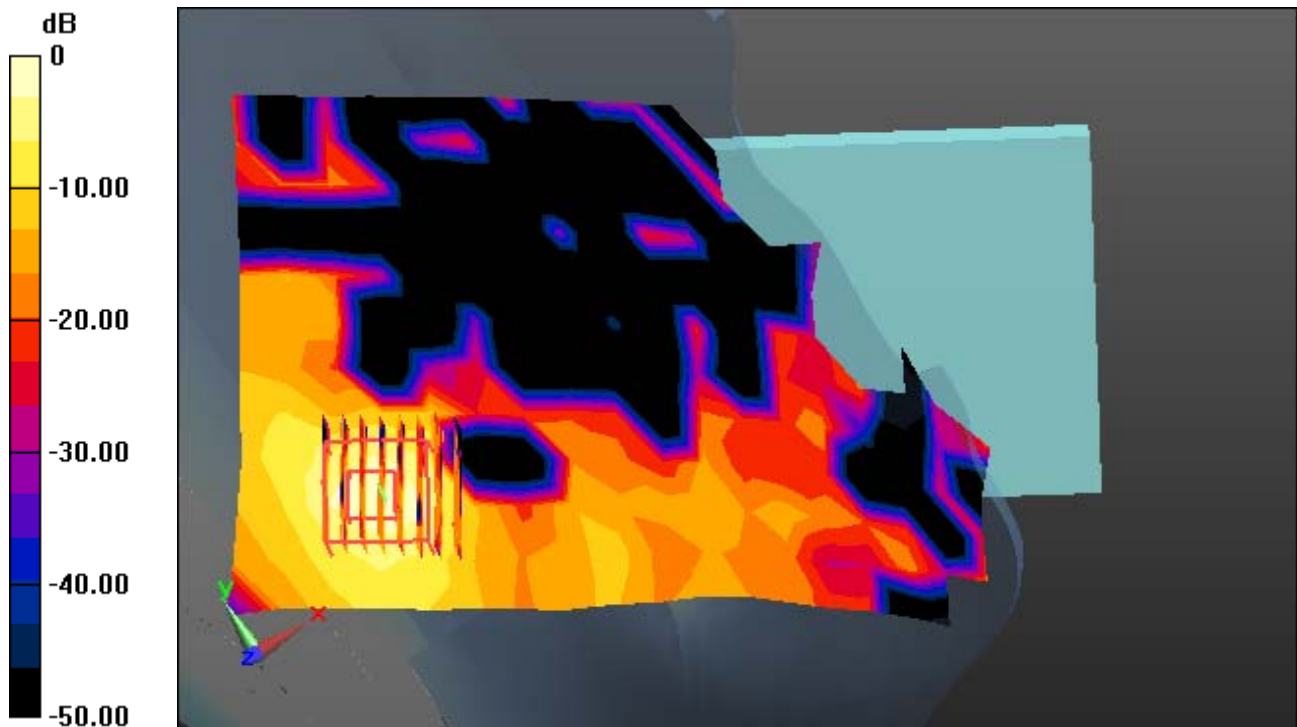
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.186 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 35.779$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

Left Touch, W-LAN(802.11a) Ch.100, Ant Internal, Standard Battery, Ant.2

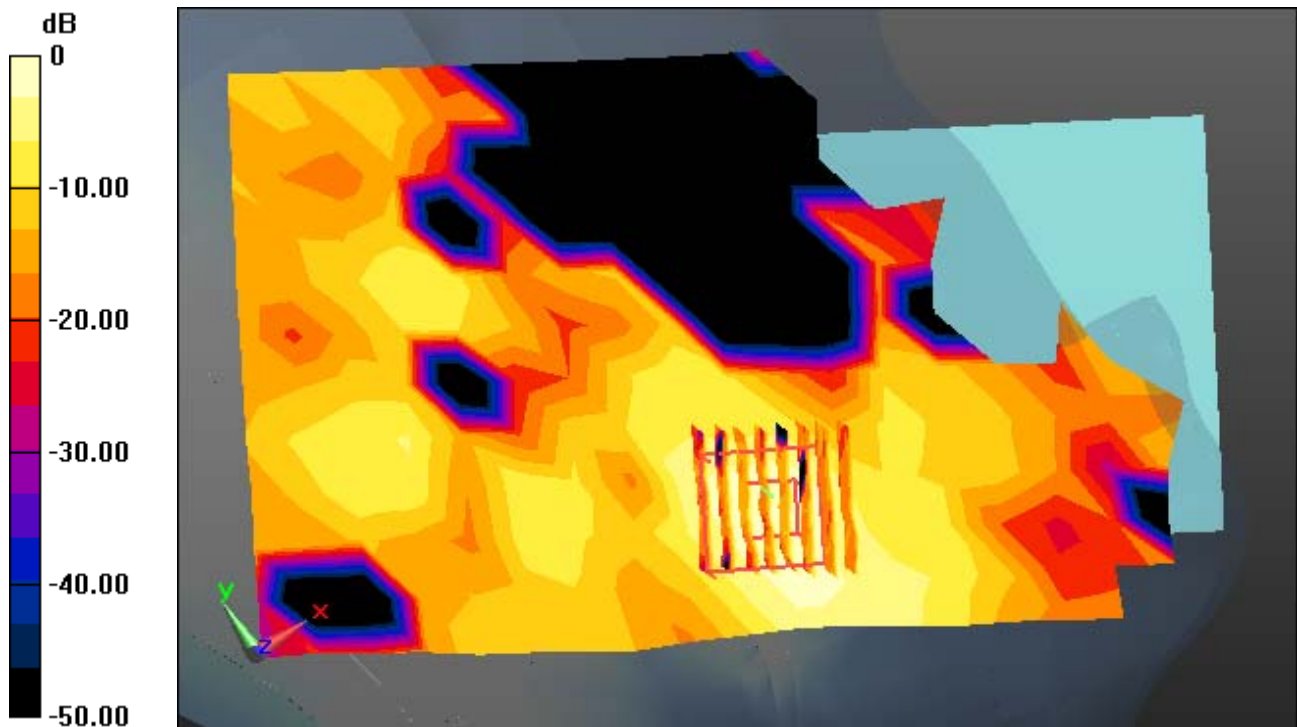
Area Scan (12x21x1): Measurement grid: dx=10mm, dy=10mm

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) = 0.223 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.142 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.001 \text{ S/m}$; $\epsilon_r = 35.779$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

Left Touch, W-LAN(802.11a) Ch.100, Ant Internal, Standard Battery, MIMO

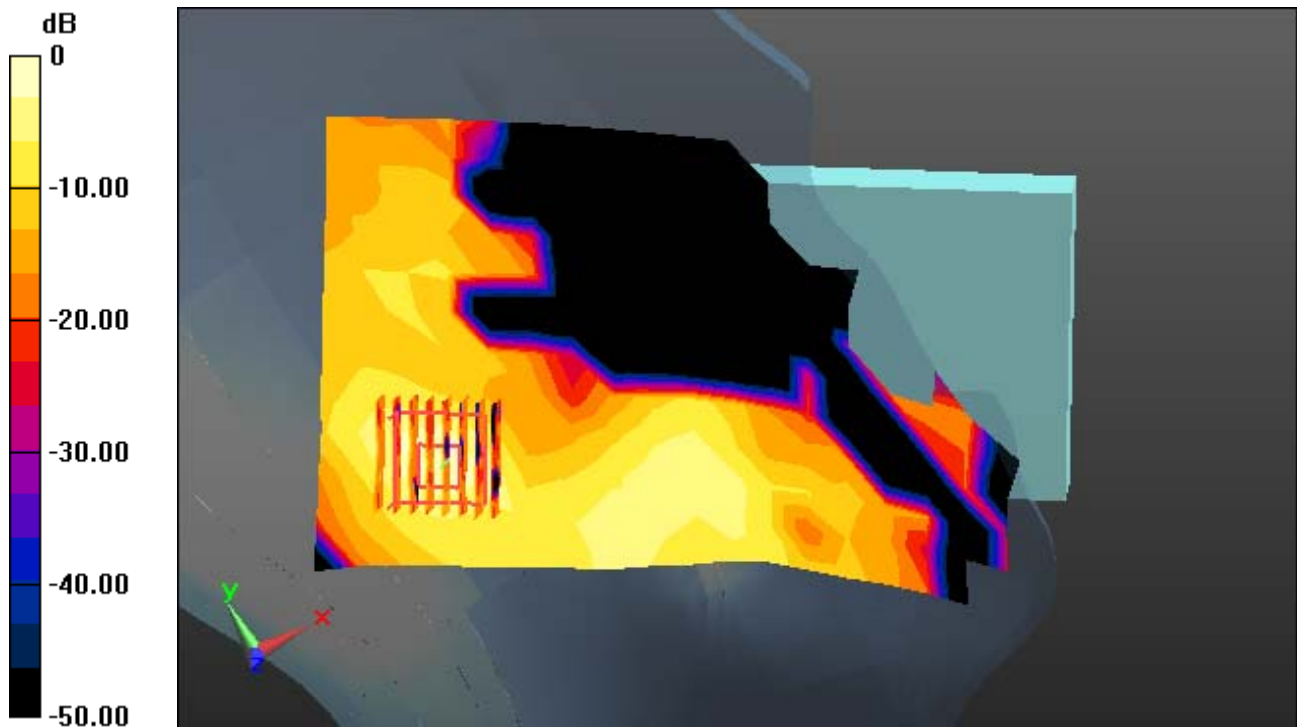
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.206 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

Left Touch, W-LAN(802.11a) Ch.165, Ant Internal, Standard Battery, Ant.1

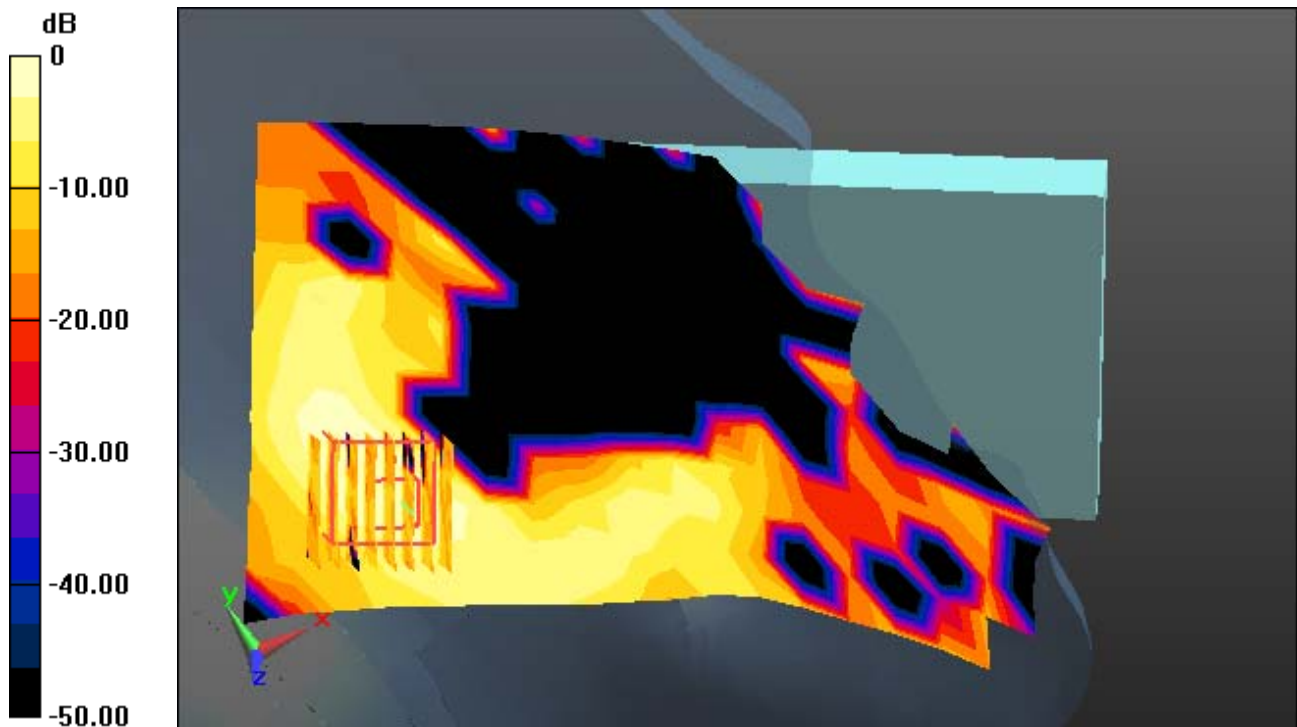
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.011 W/kg



0 dB = 0.111 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

Left Touch, W-LAN(802.11a) Ch.165, Ant Internal, Standard Battery, Ant.2

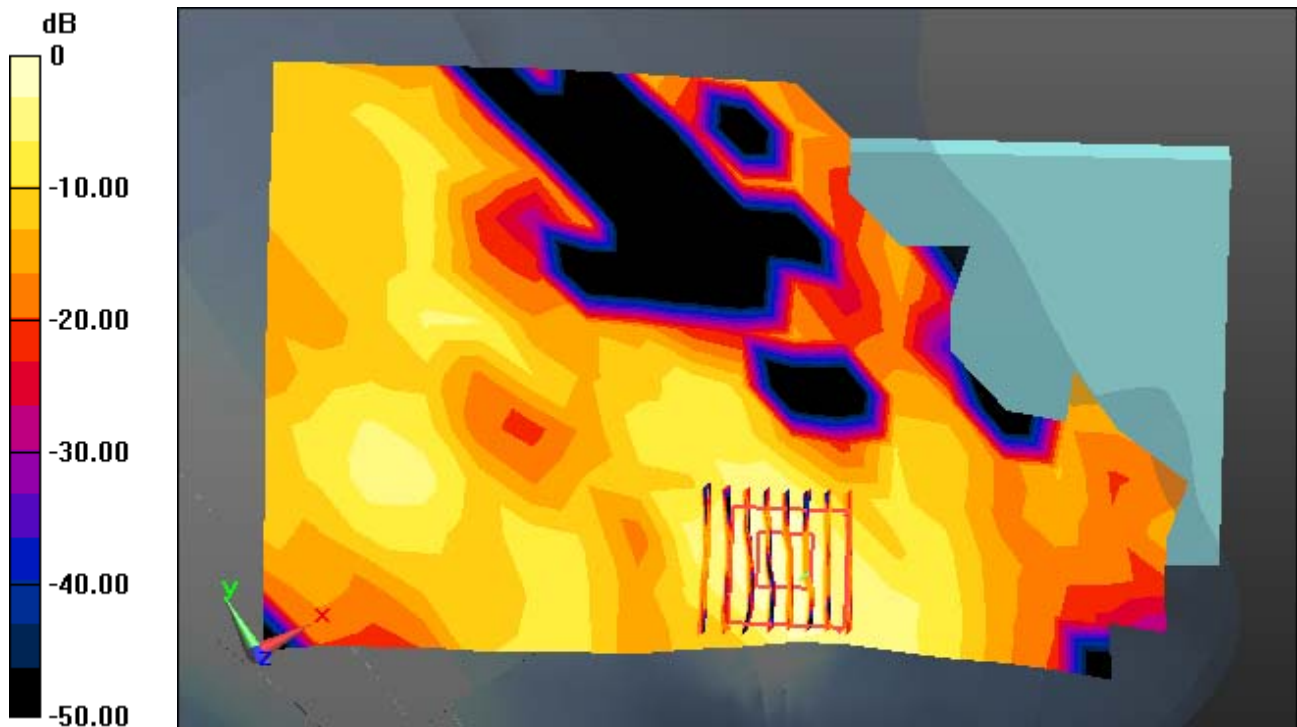
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.022 W/kg



0 dB = 0.157 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

Left Touch, W-LAN(802.11a) Ch.165, Ant Internal, Standard Battery, MIMO

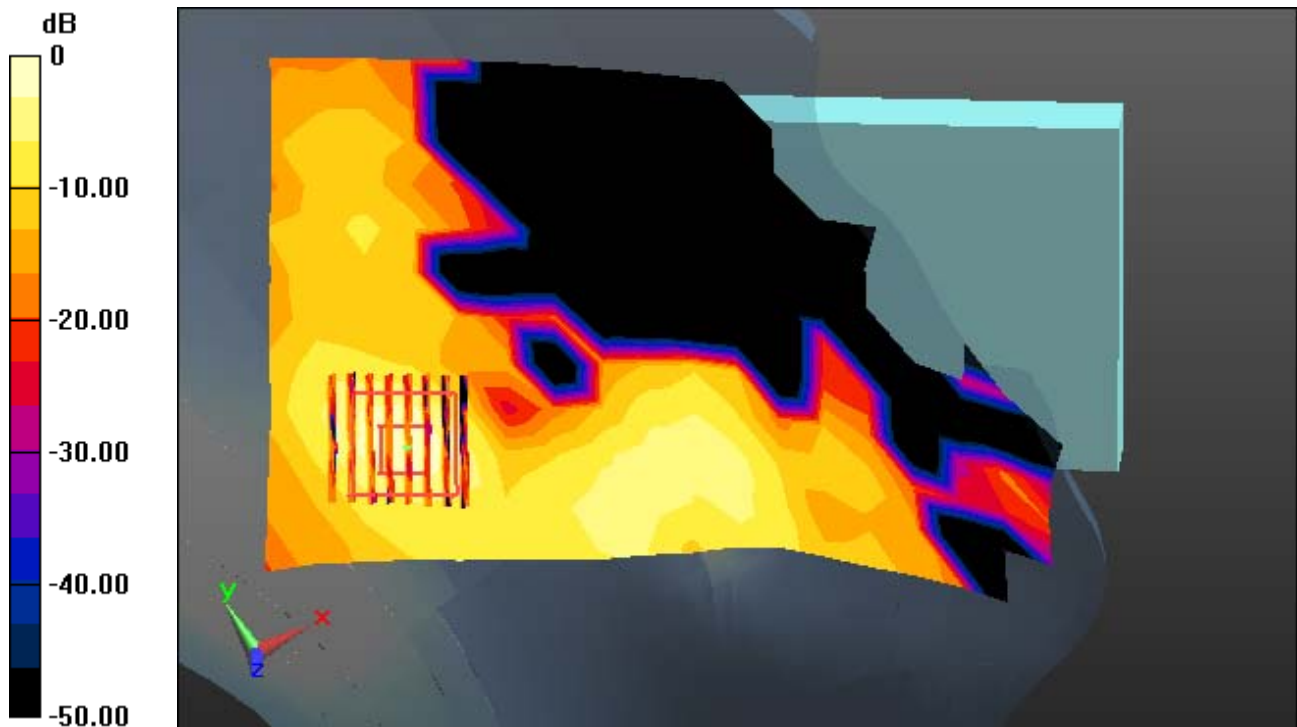
Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.220 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 40.484$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.2, 7.2, 7.2); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

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

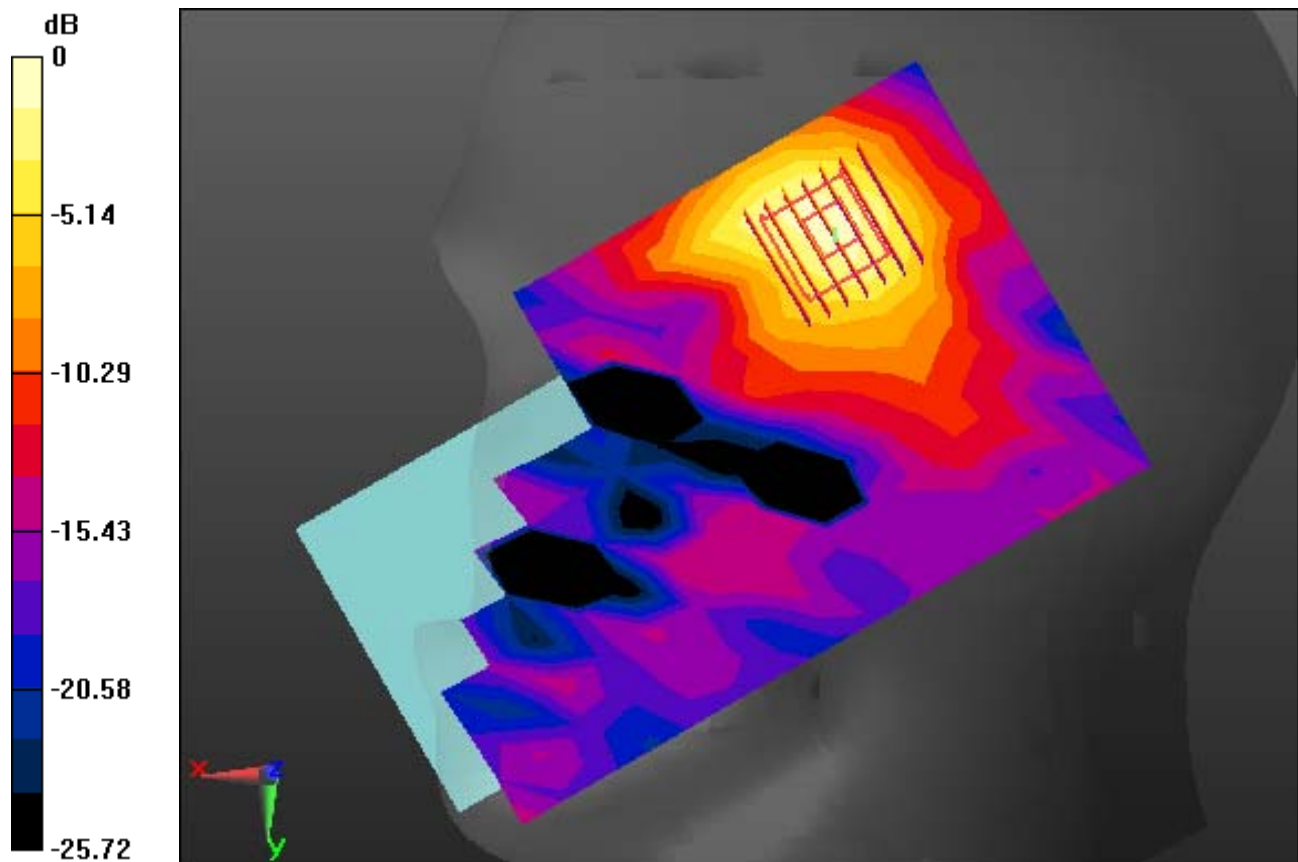
Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.025 W/kg



0 dB = 0.0771 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.169

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 40.487$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

Right Touch, Bluetooth LE 1Mbps Ch. 19, Ant Internal, Standard Battery

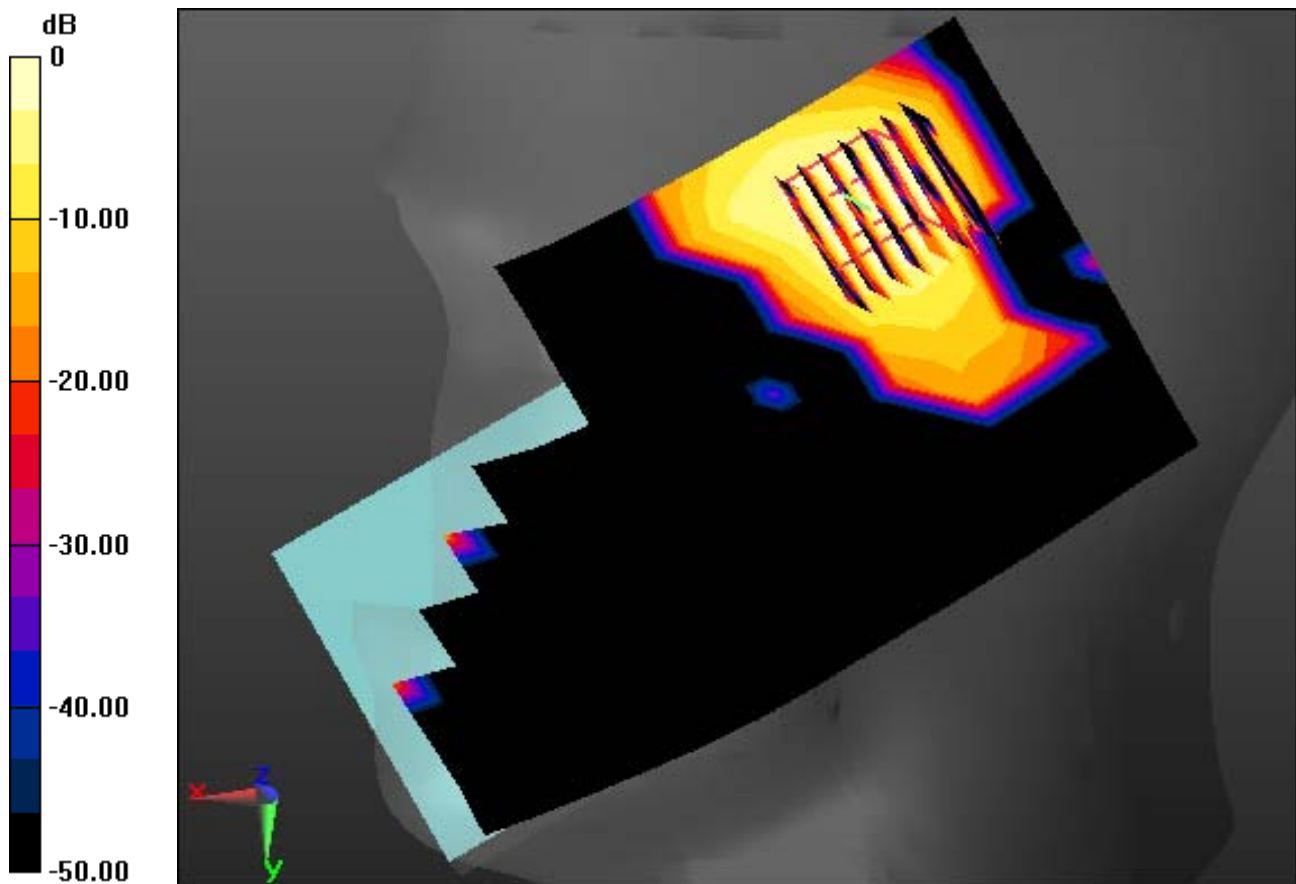
Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00959 W/kg



0 dB = 0.0382 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 40.446$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-13; Ambient Temp: 21.6; Tissue Temp: 21.5

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

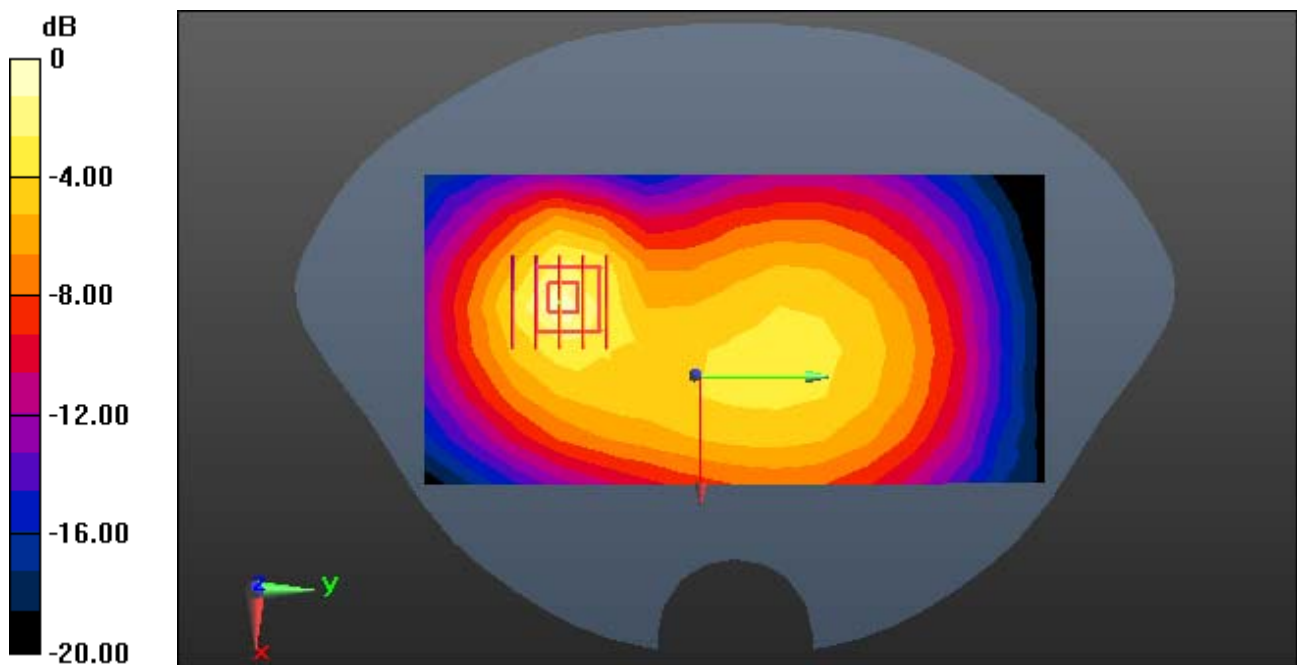
Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.131 W/kg



0 dB = 0.313 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, WCDMA Band 4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.4$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 40.843$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01; Calibrated: 2020-05-27 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-28; Ambient Temp: 22.0; Tissue Temp: 21.8

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

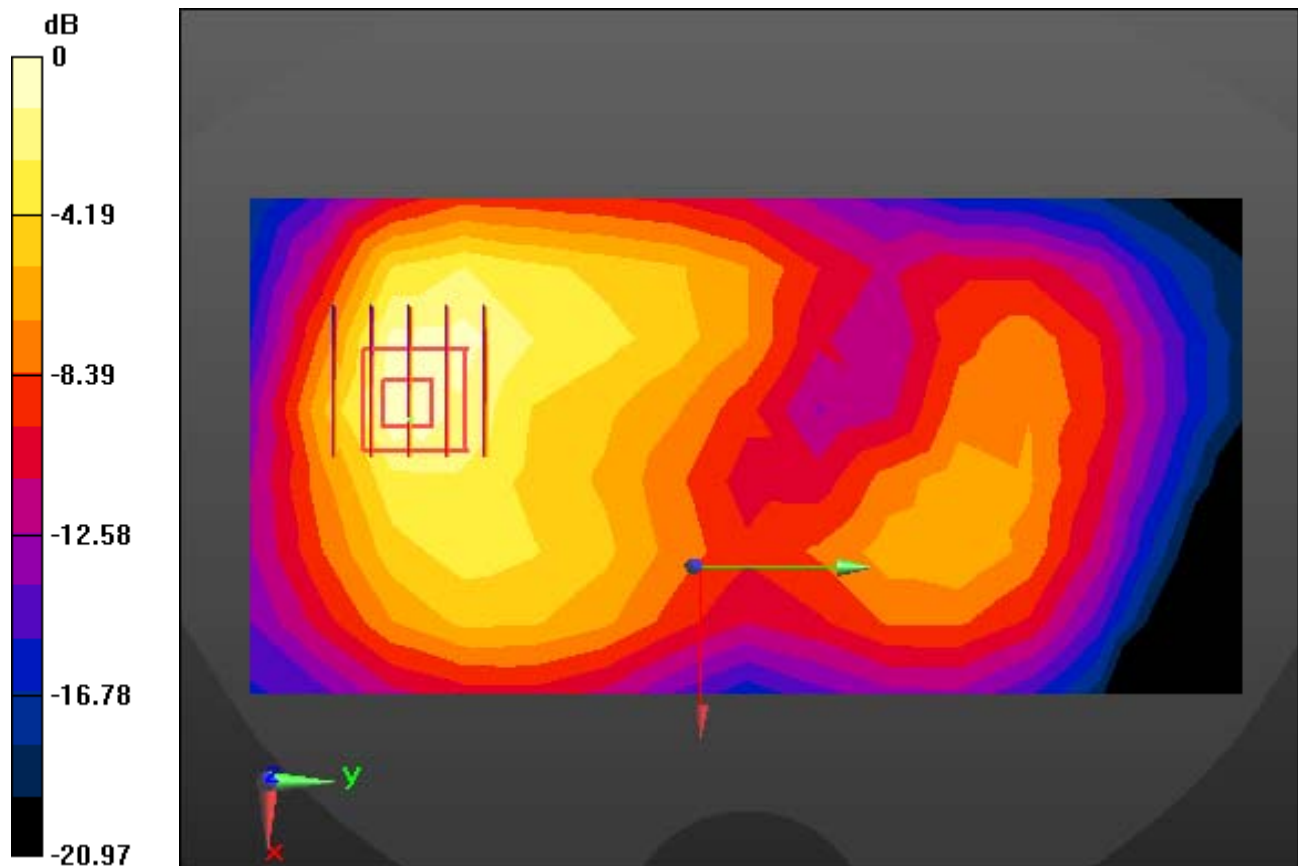
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.150 W/kg



0 dB = 0.366 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.8, 7.8, 7.8); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.9

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

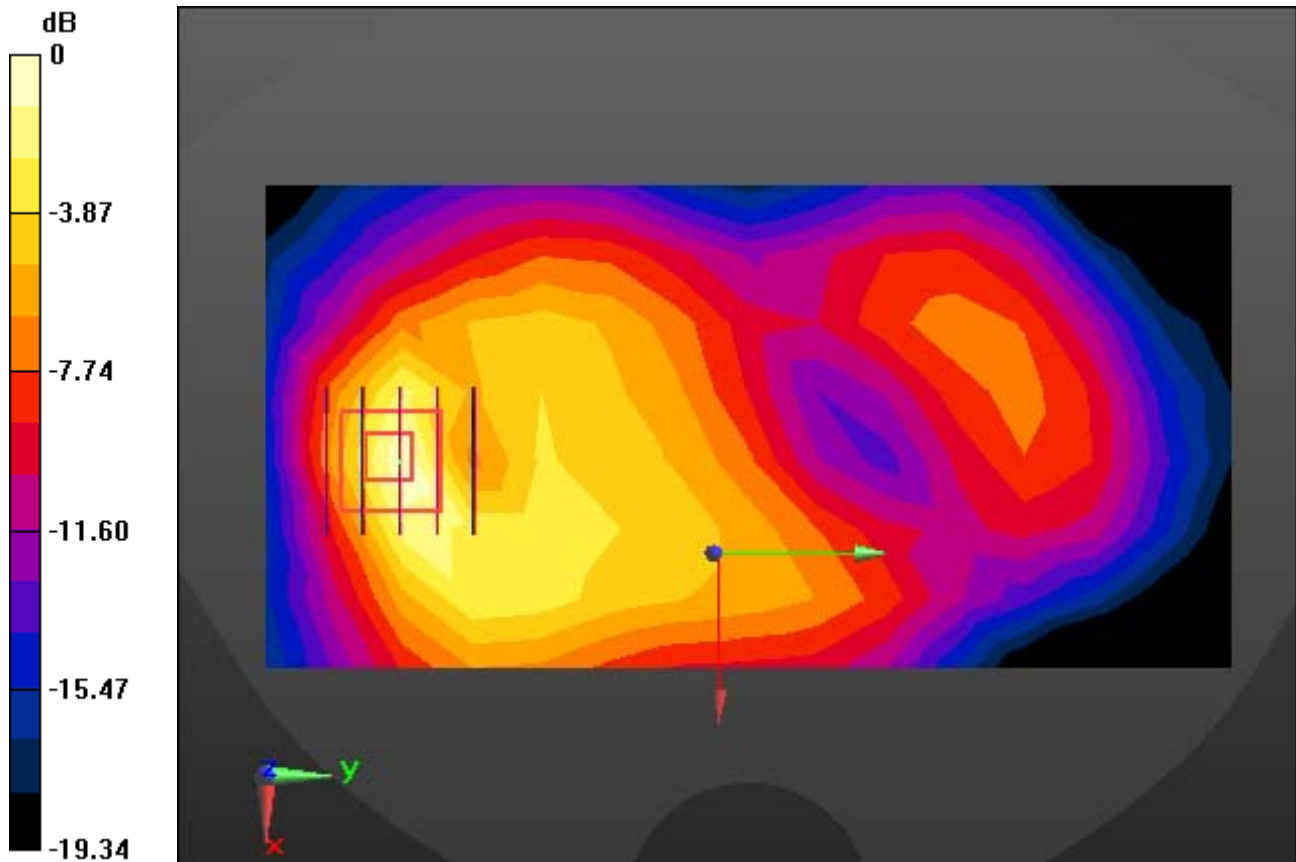
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.104 W/kg



0 dB = 0.332 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, LTE Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.494$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ET3DV6R - SN1703; ConvF(7.1, 7.1, 7.1); Calibrated: 7/31/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-22; Ambient Temp: 21.9; Tissue Temp: 21.8

1 cm space from Body, Rear, LTE Band 71 Ch. 133297, Ant. Internal

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

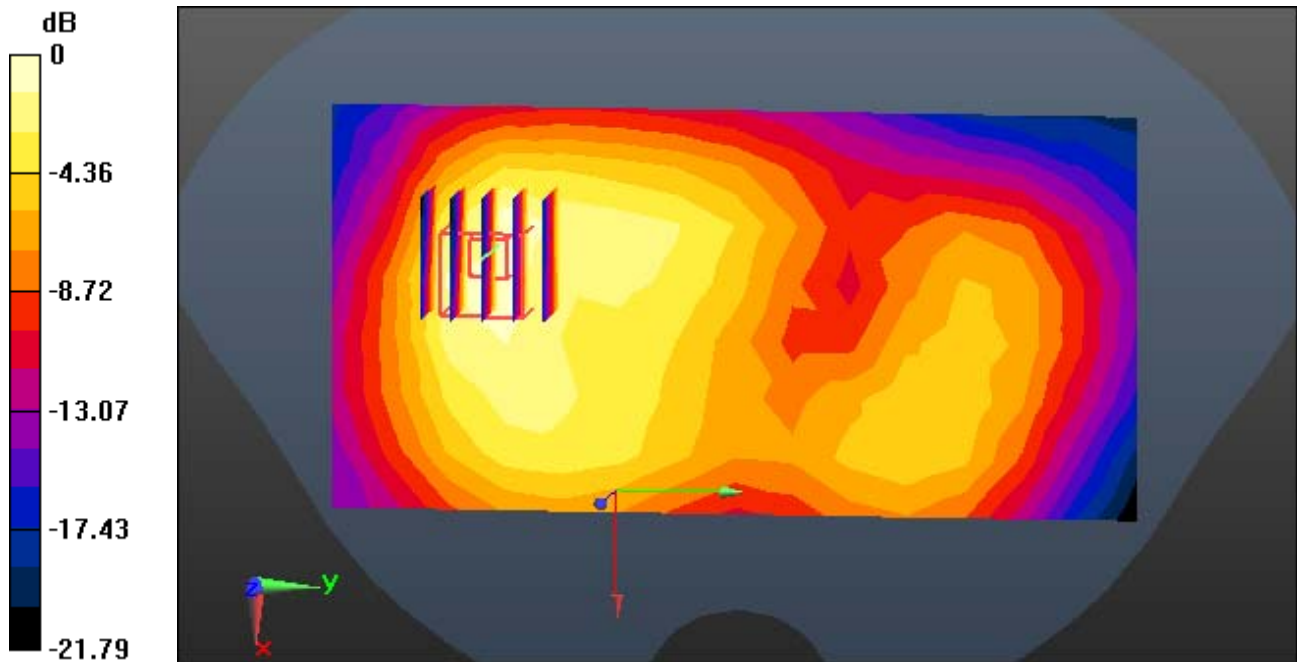
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.076 W/kg



0 dB = 0.157 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 41.361$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-15; Ambient Temp: 21.2; Tissue Temp: 20.9

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

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

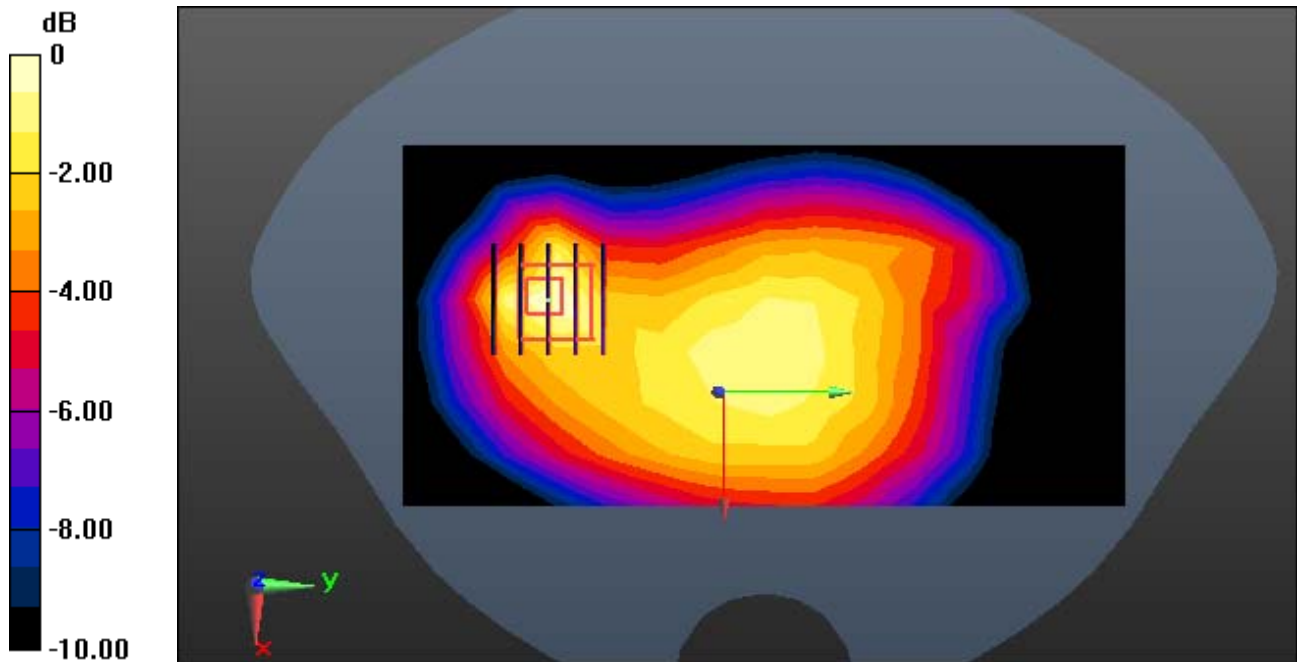
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.027 W/kg



0 dB = 0.0576 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 40.343$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.34, 6.34, 6.34); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-15; Ambient Temp: 21.2; Tissue Temp: 20.9

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

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

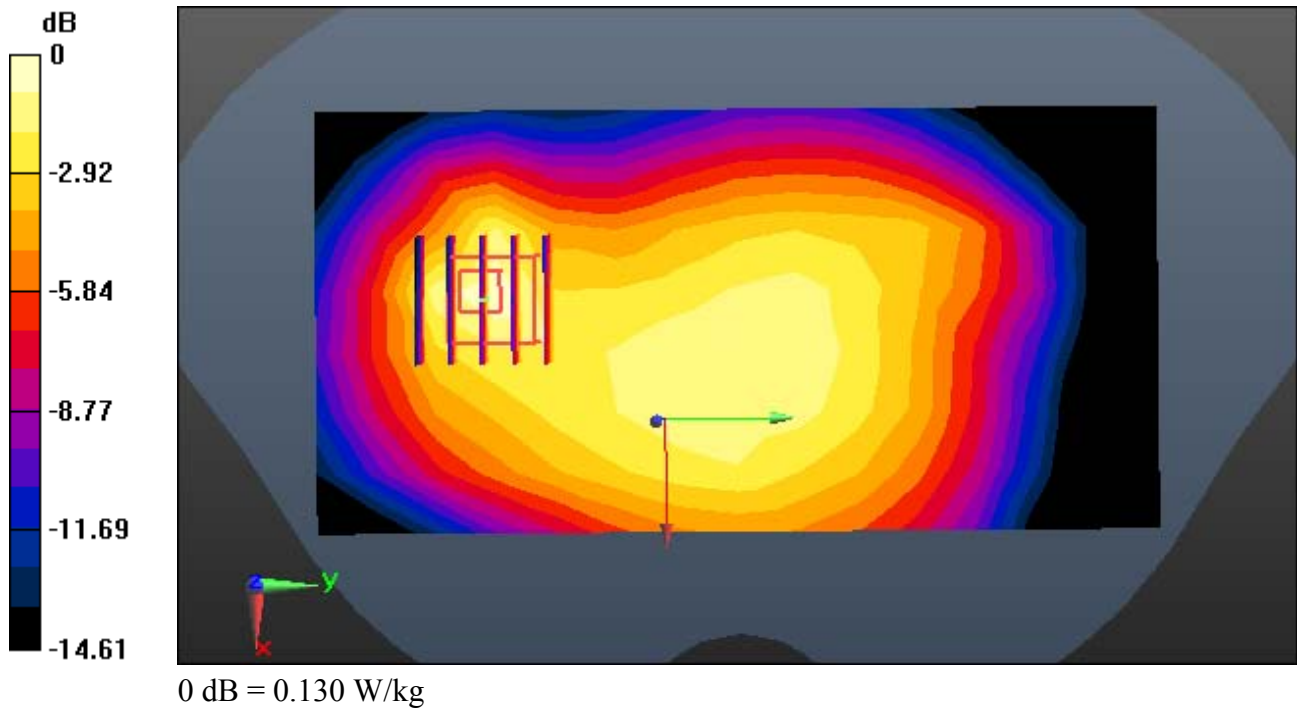
Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.060 W/kg



DT&C Co., Ltd.

DUT: EF550; 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; $\sigma = 0.91$ S/m; $\epsilon_r = 40.448$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3328; ConvF(6.19, 6.19, 6.19); Calibrated: 3/25/2020 Electronics: DAE4 Sn1396

Sensor-Surface: 3mm (Mechanical Surface Detection)

Phantom: SAMwith CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-13; Ambient Temp: 21.6; Tissue Temp: 21.5

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

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

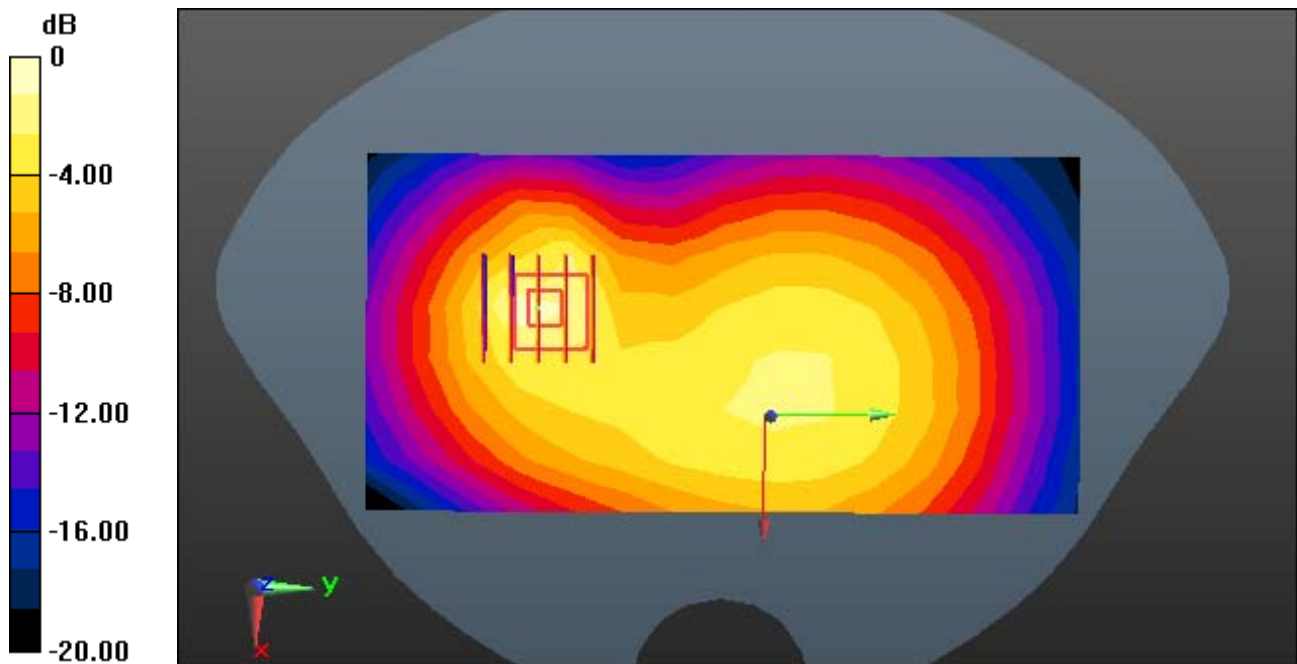
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.105 W/kg



0 dB = 0.244 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, LTE Band 66 (FCC) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.637$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-28; Ambient Temp: 22.0; Tissue Temp: 21.8

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

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

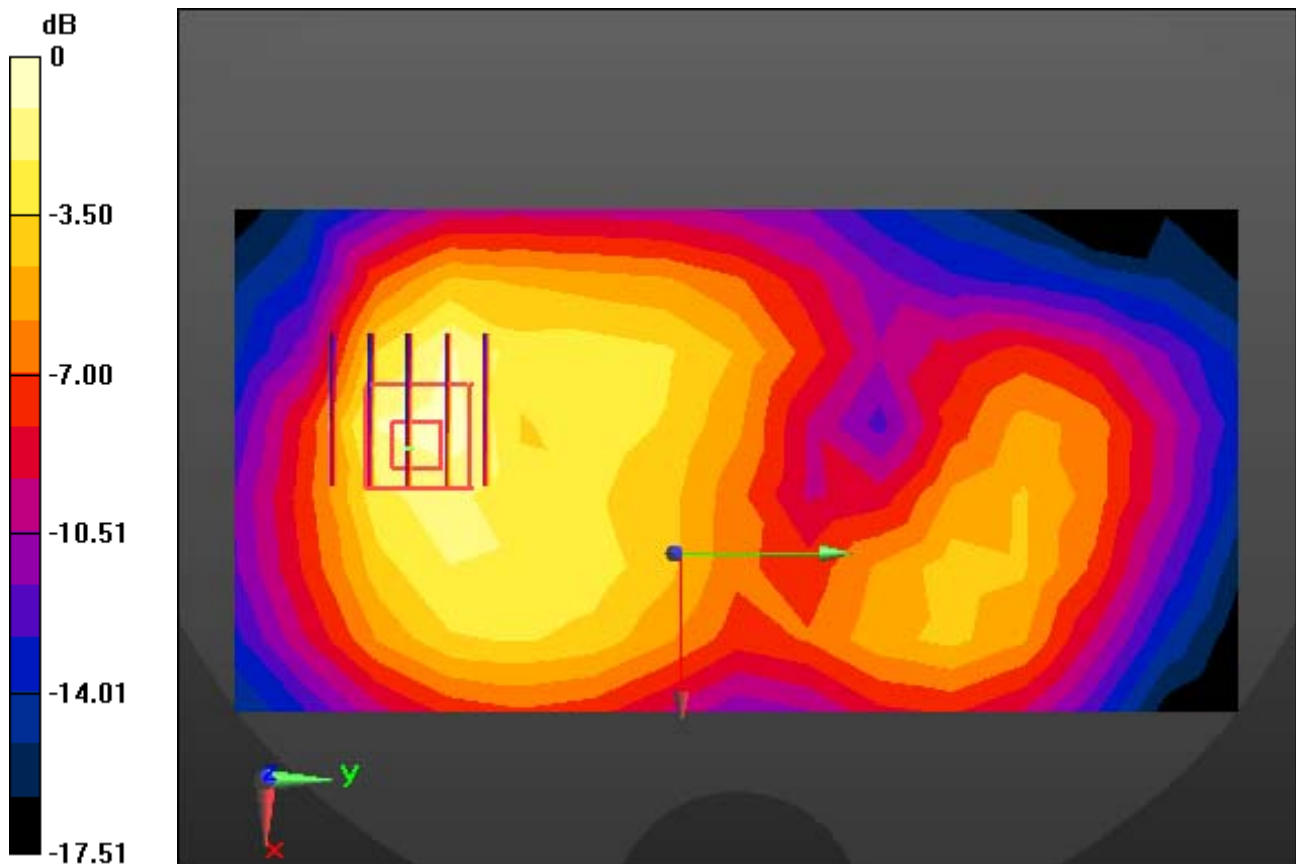
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.120 W/kg



0 dB = 0.279 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 40.697$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.8, 7.8, 7.8); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-29; Ambient Temp: 21.8; Tissue Temp: 21.9

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

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

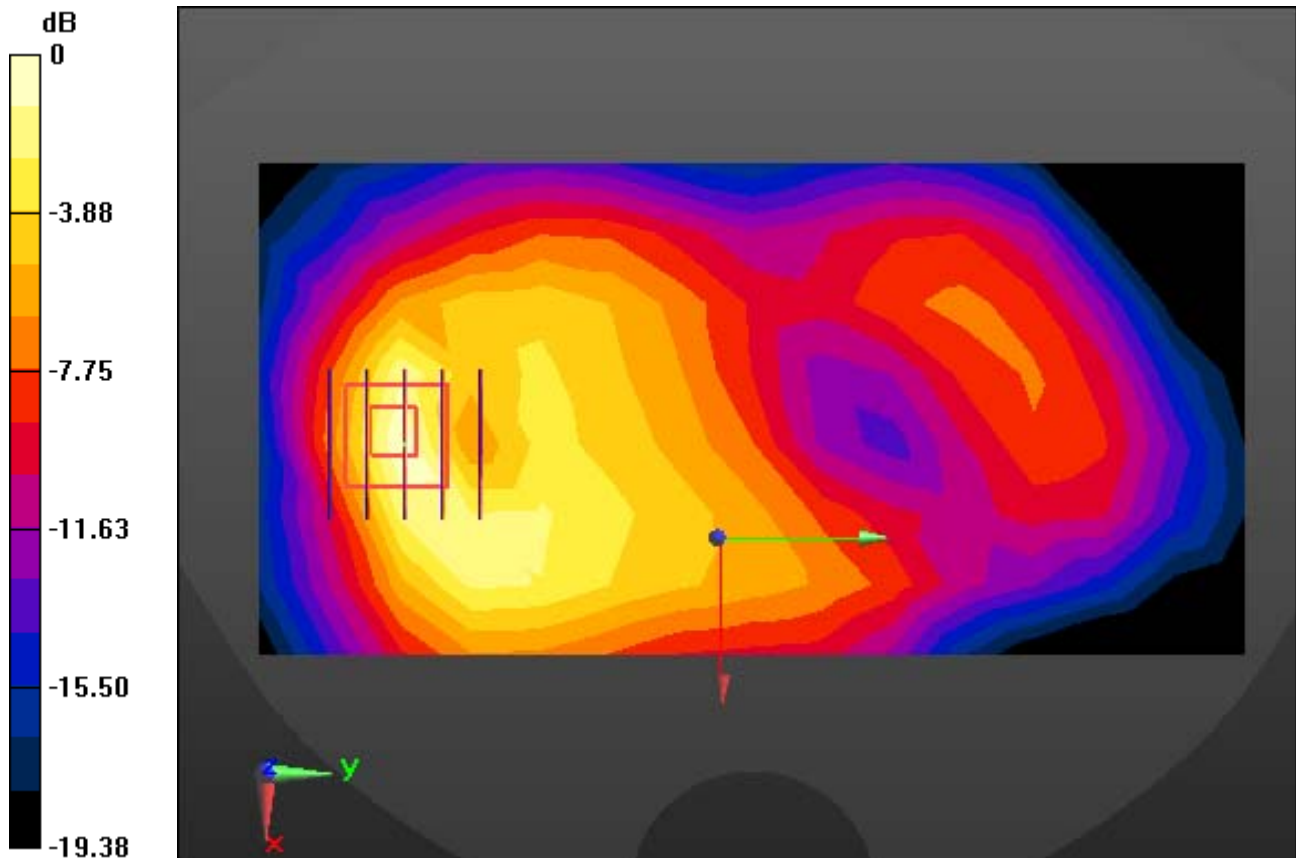
Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.110 W/kg



0 dB = 0.335 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.799 \text{ S/m}$; $\epsilon_r = 40.498$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 6, Ant Internal, Ant.1

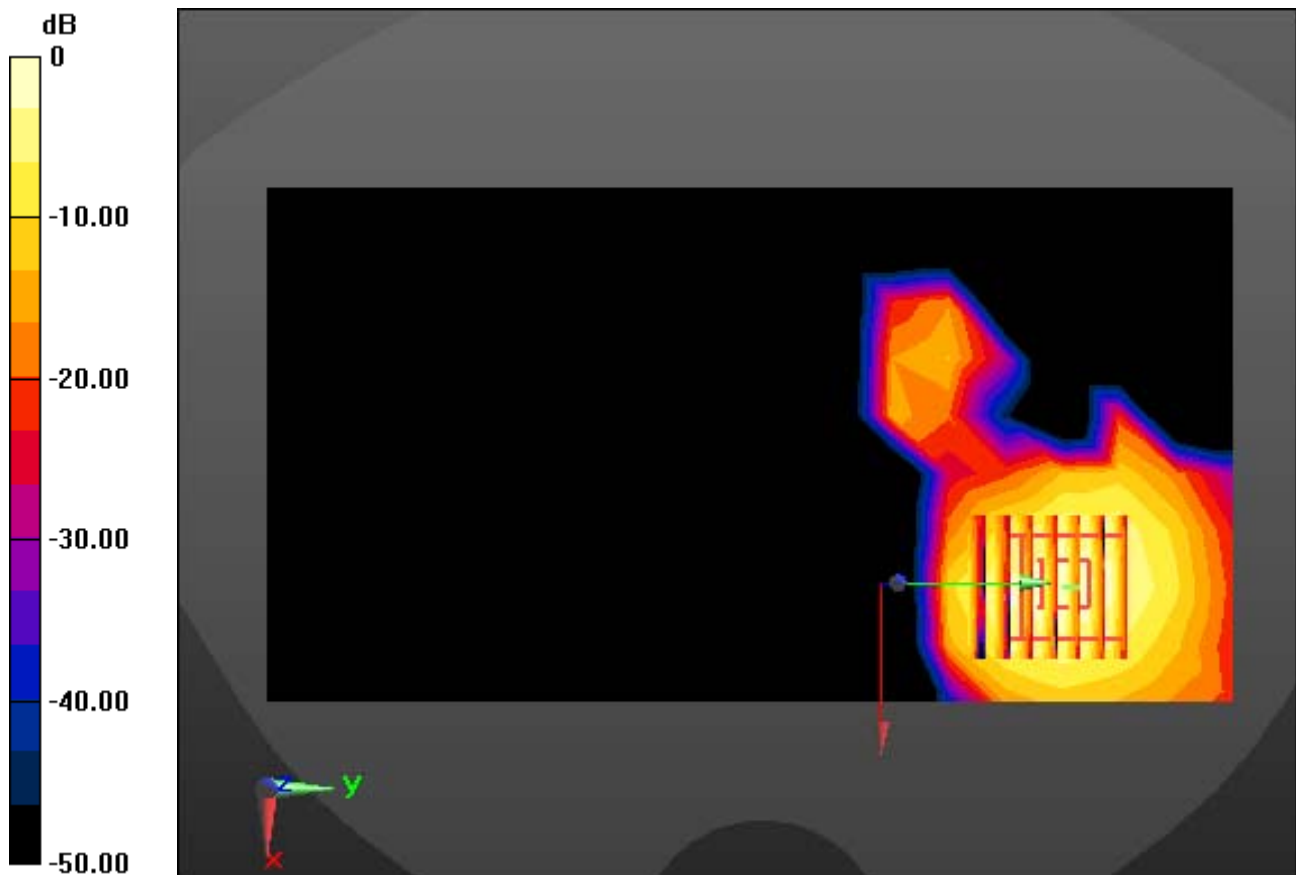
Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.046 W/kg



0 dB = 0.160 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.771 \text{ S/m}$; $\epsilon_r = 40.581$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

1 cm space from Body, Rear, W-LAN(802.11b) Ch. 1, Ant Internal, Ant.2

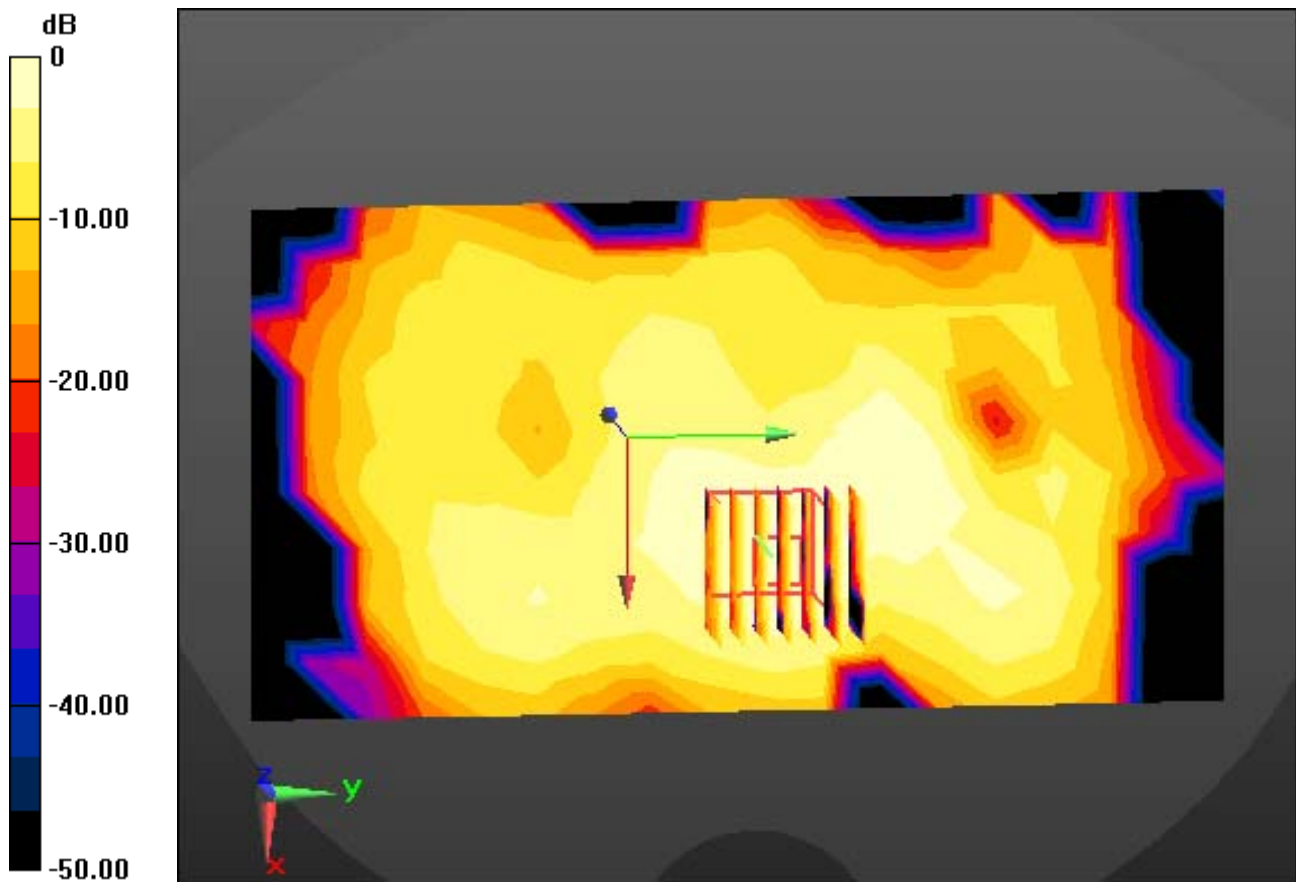
Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.024 W/kg



0 dB = 0.0669 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.771 \text{ S/m}$; $\epsilon_r = 40.581$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

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

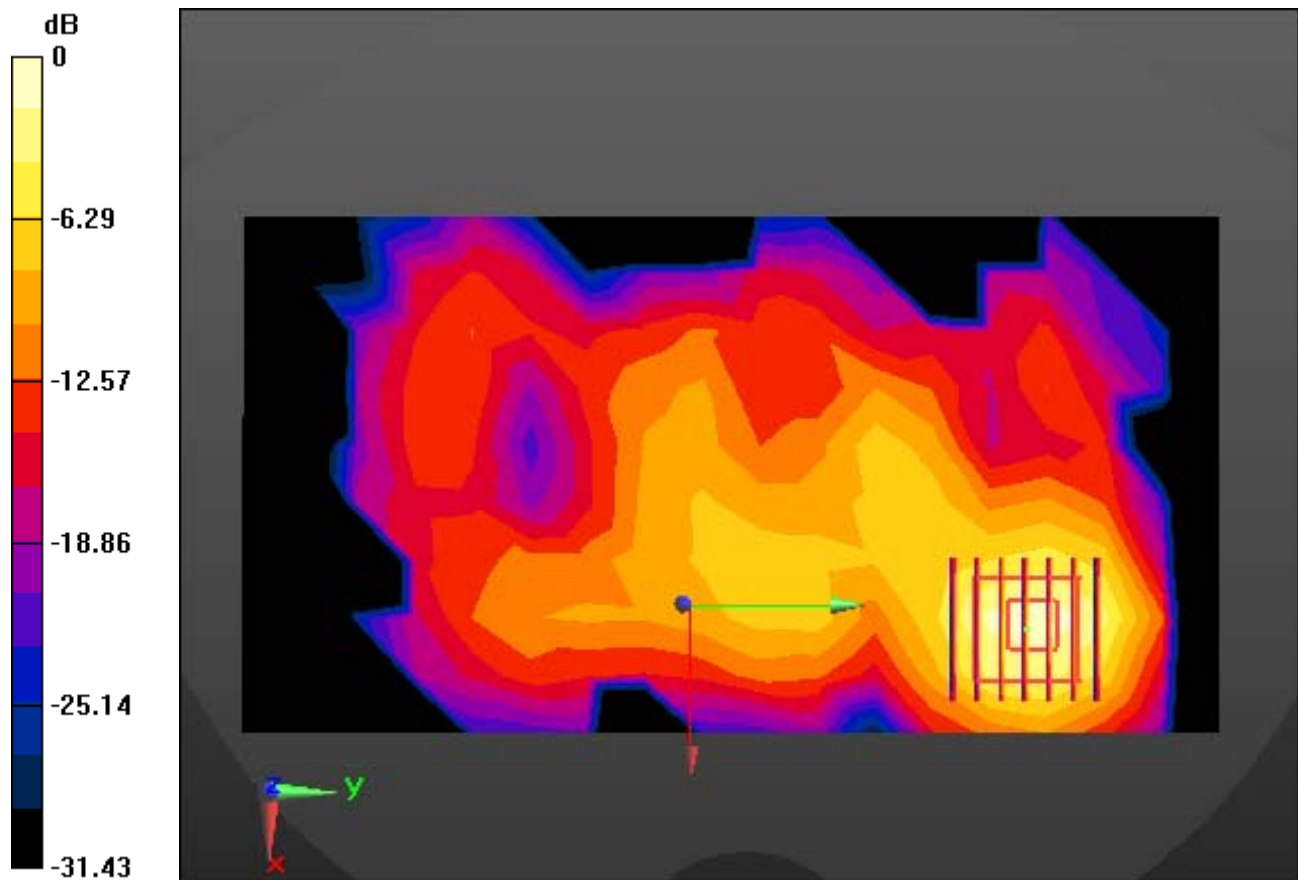
Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.085 W/kg



DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.897 \text{ S/m}$; $\epsilon_r = 36.413$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.95, 4.95, 4.95); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

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

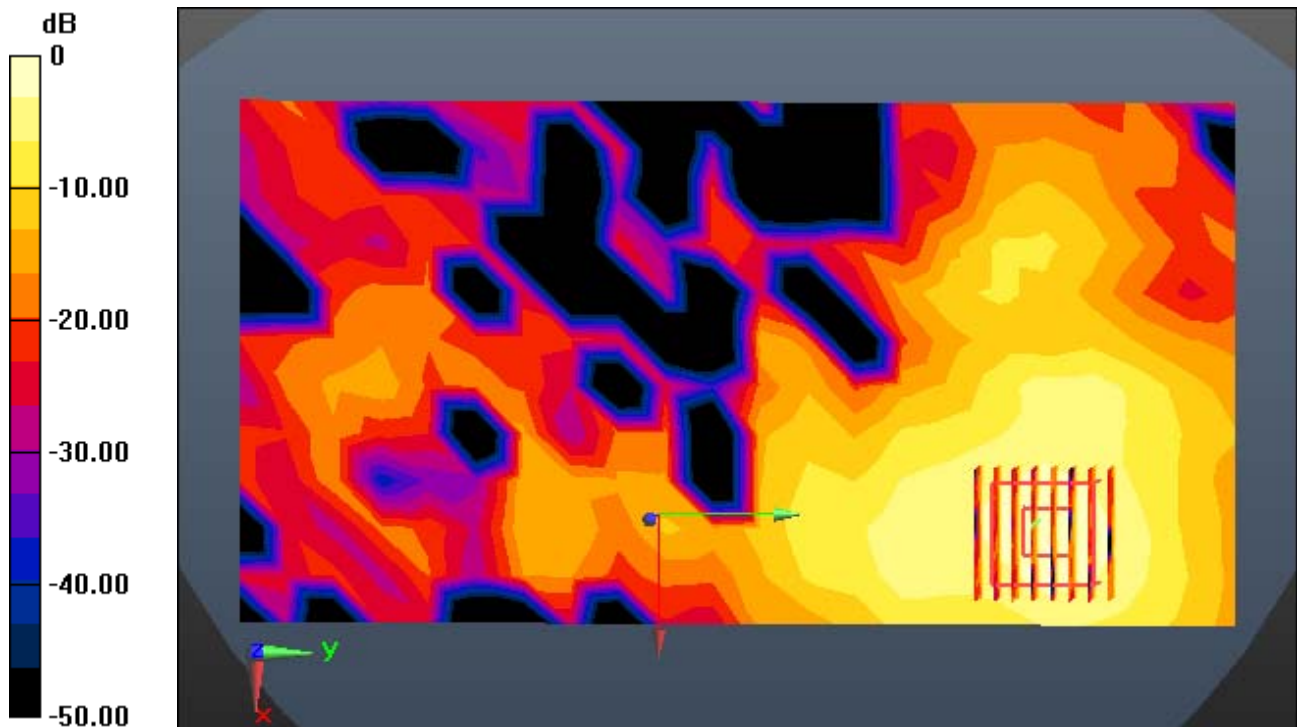
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.325 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.733 \text{ S/m}$; $\epsilon_r = 36.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

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

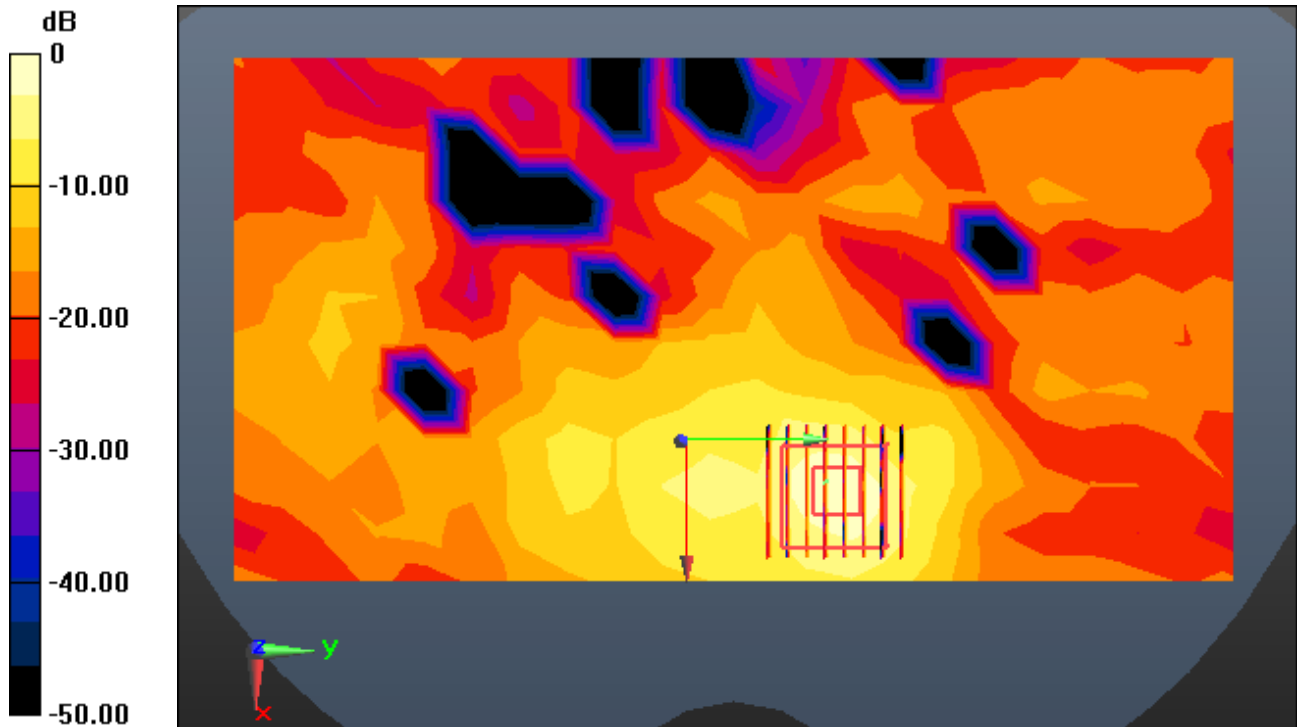
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.054 W/kg



0 dB = 0.381 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.733 \text{ S/m}$; $\epsilon_r = 36.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

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

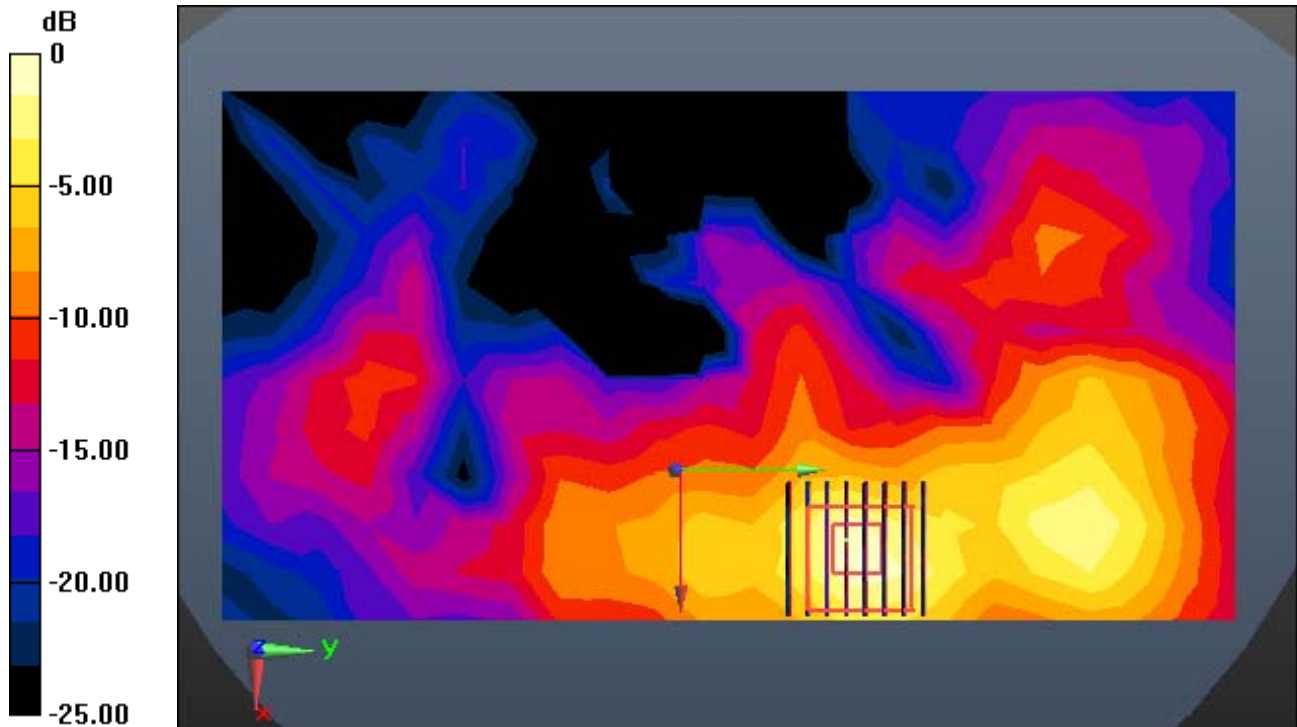
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.064 W/kg



0 dB = 0.450 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.095 \text{ S/m}$; $\epsilon_r = 35.632$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.7, 4.7, 4.7); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

1 cm space from Body, Rear, W-LAN(802.11a) Ch. 116, Ant Internal, Ant.1

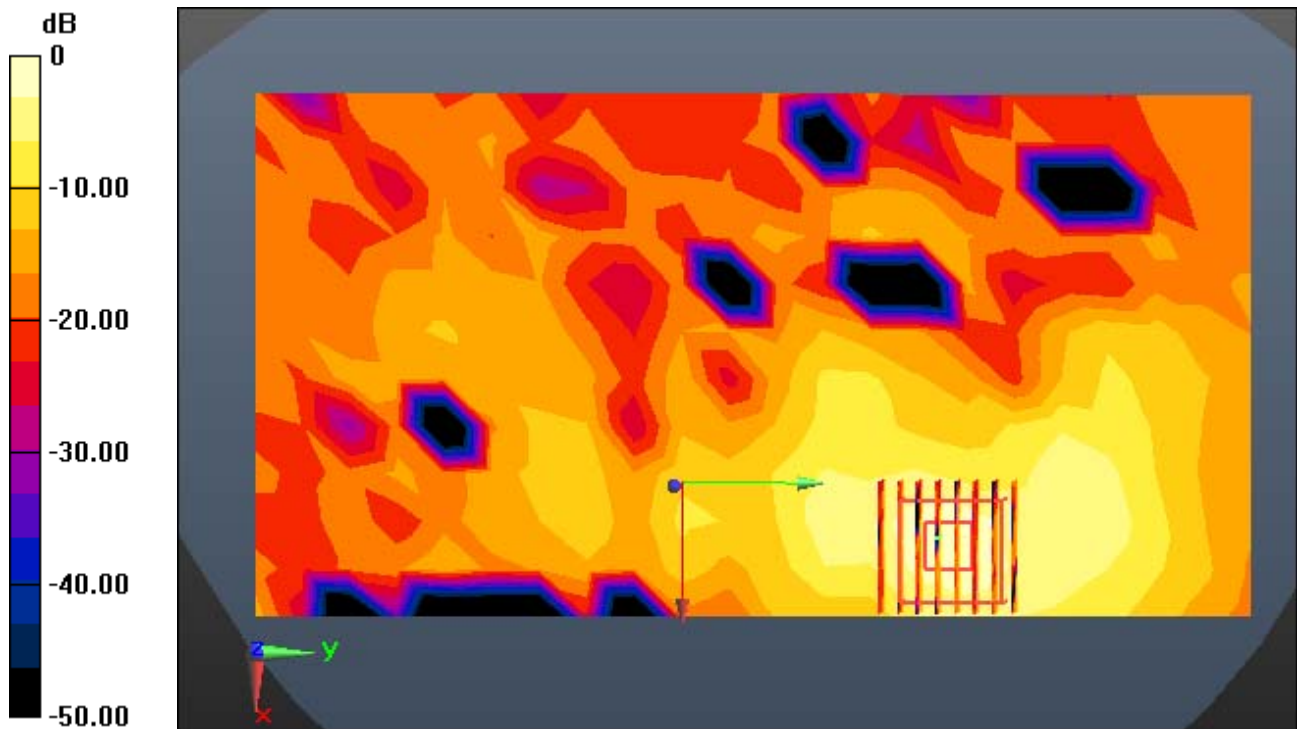
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.283 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 35.779$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

1 cm space from Body, Rear, W-LAN(802.11a) Ch. 100, Ant Internal, Ant.2

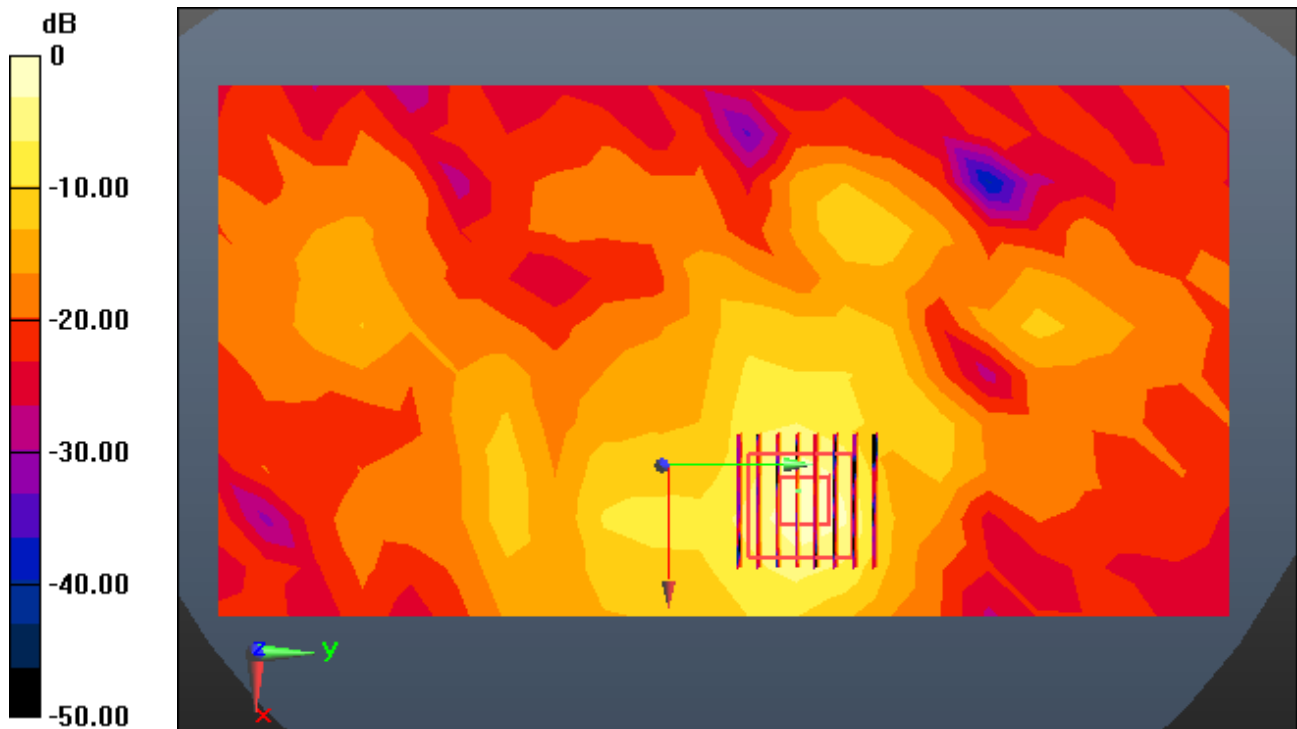
Area Scan (12x22x1): Measurement grid: dx=10mm, dy=10mm

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) = 1.69 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.106 W/kg



0 dB = 0.880 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.001 \text{ S/m}$; $\epsilon_r = 35.779$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

1cm space from Body, Rear, W-LAN(802.11a) Ch. 100, Ant Internal, MIMO

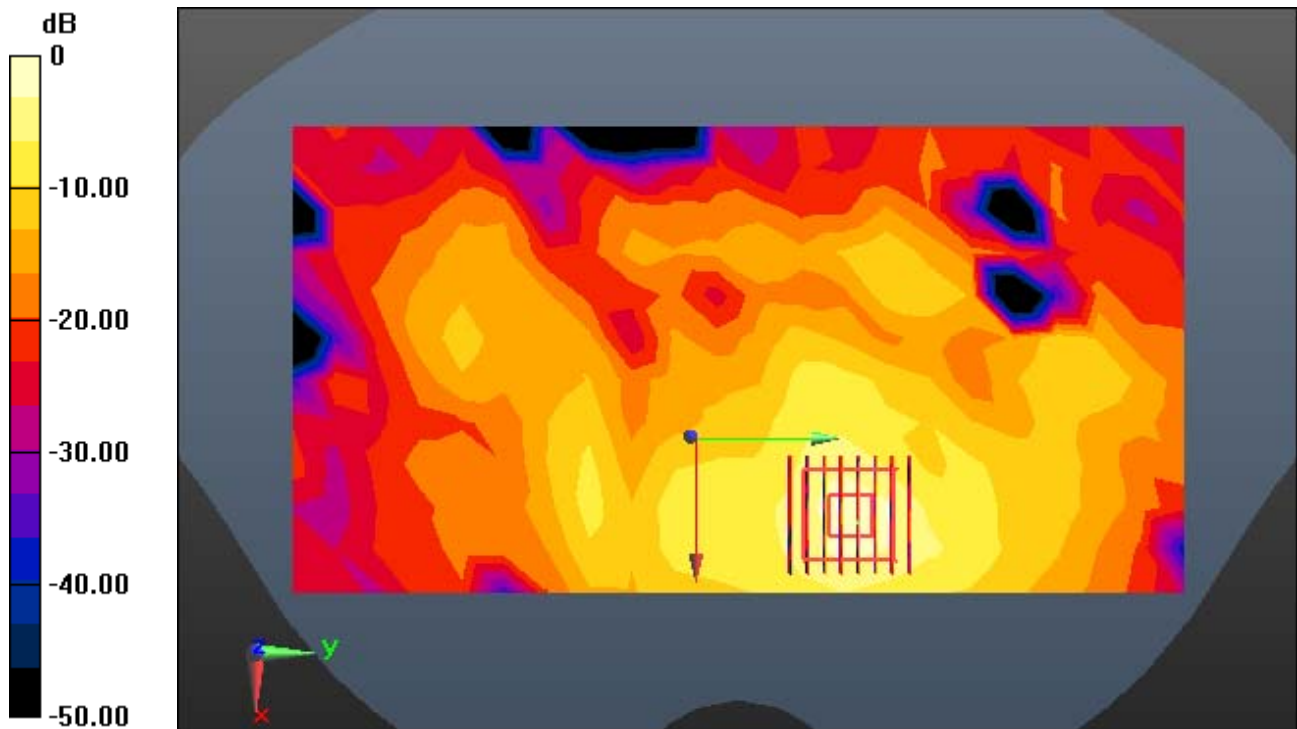
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.937 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

1cm space from Body, Rear, W-LAN(802.11a) Ch. 165, Ant Internal, Ant.1

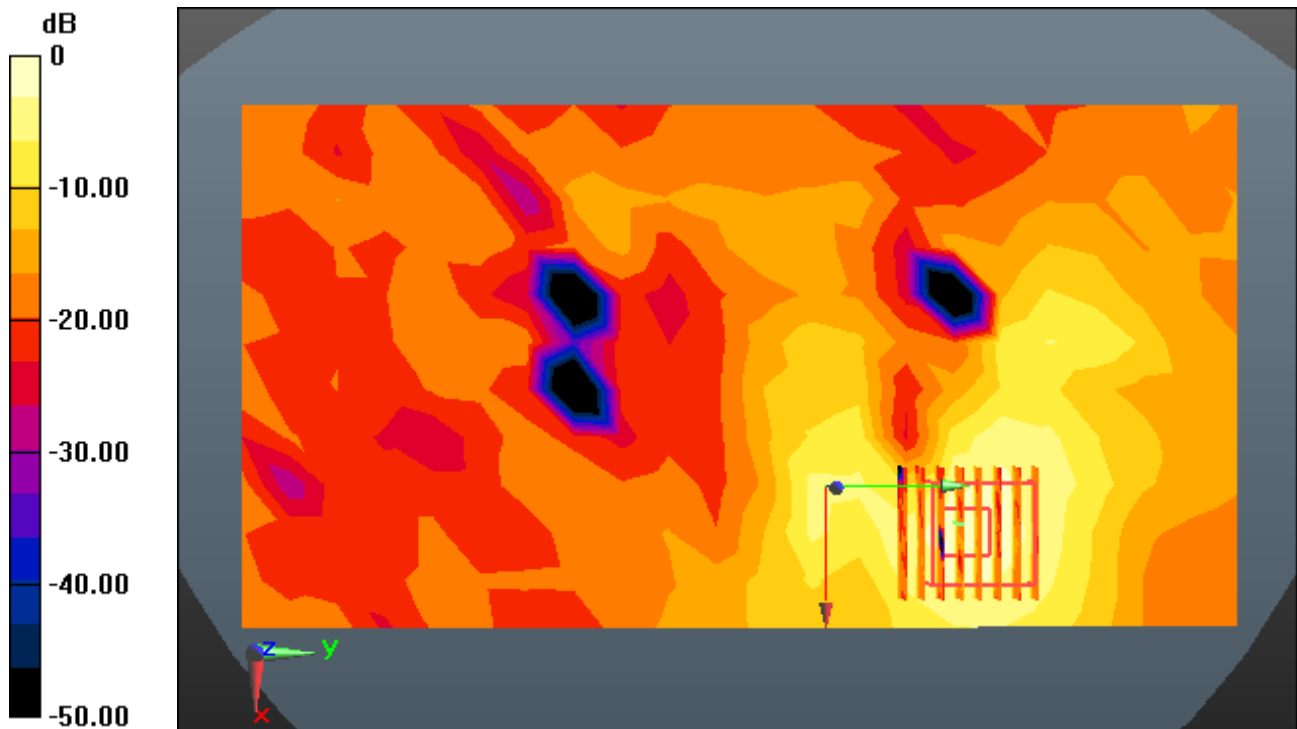
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.042 W/kg



0 dB = 0.296 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

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

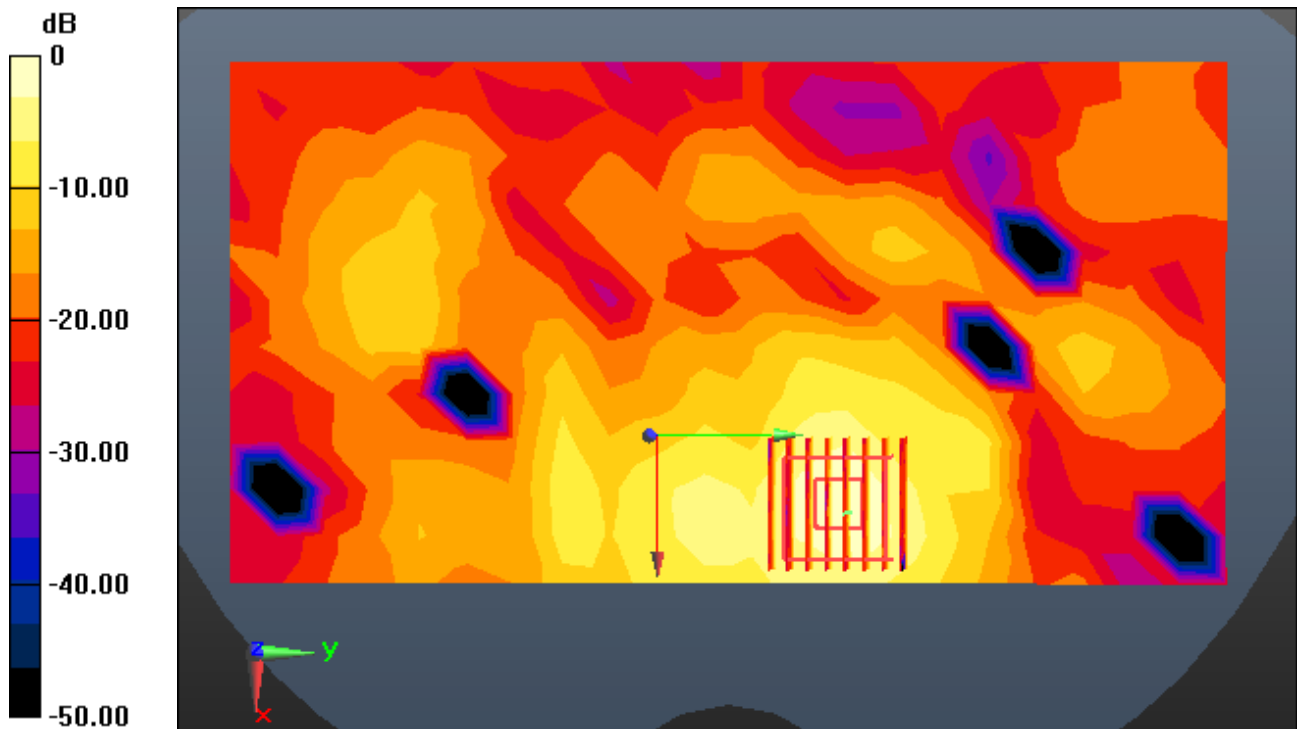
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.973 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

1 cm space from Body, Rear, W-LAN(802.11a) Ch. 165, Ant Internal, MIMO

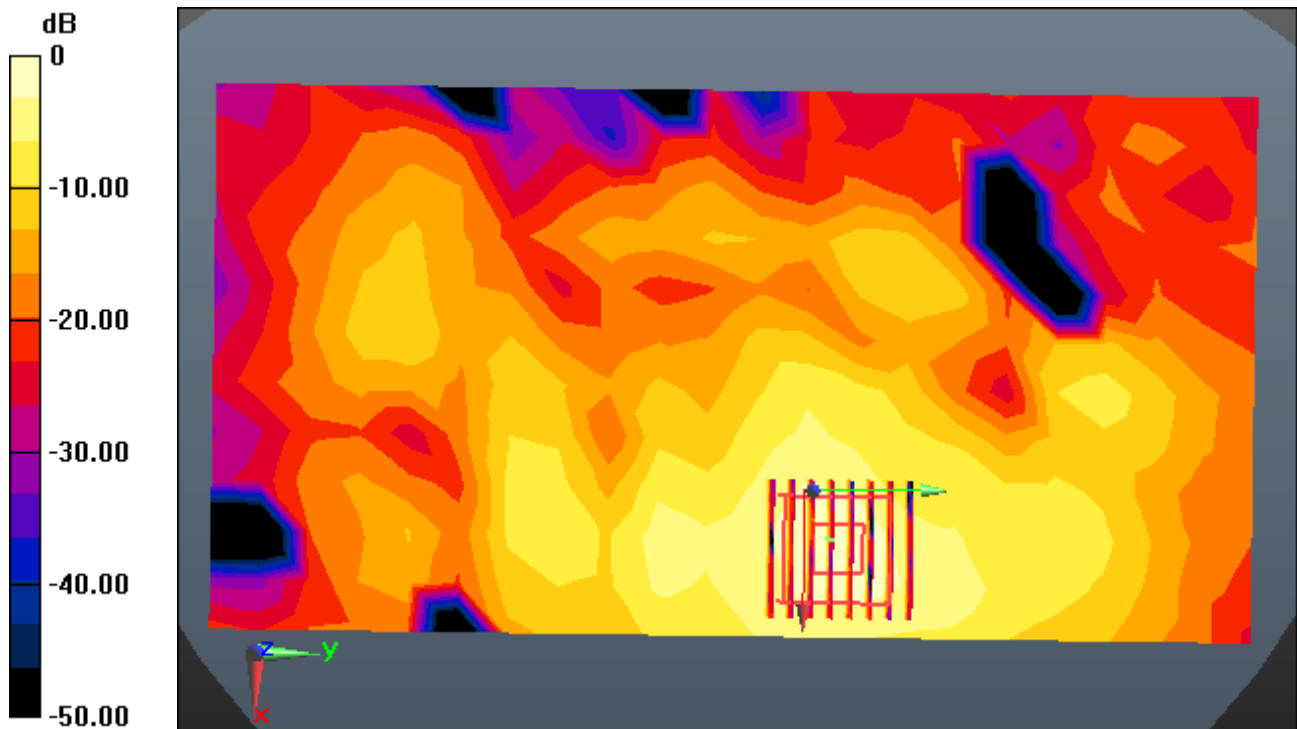
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 1.00 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.169

Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.802 \text{ S/m}$; $\epsilon_r = 40.487$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.64, 7.64, 7.64); Calibrated: 2020-07-31 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-11-13; Ambient Temp: 22.3; Tissue Temp: 22.4

1 cm space from Body, Rear, Bluetooth LE 1 Mbps Ch. 19 Ant. Internal

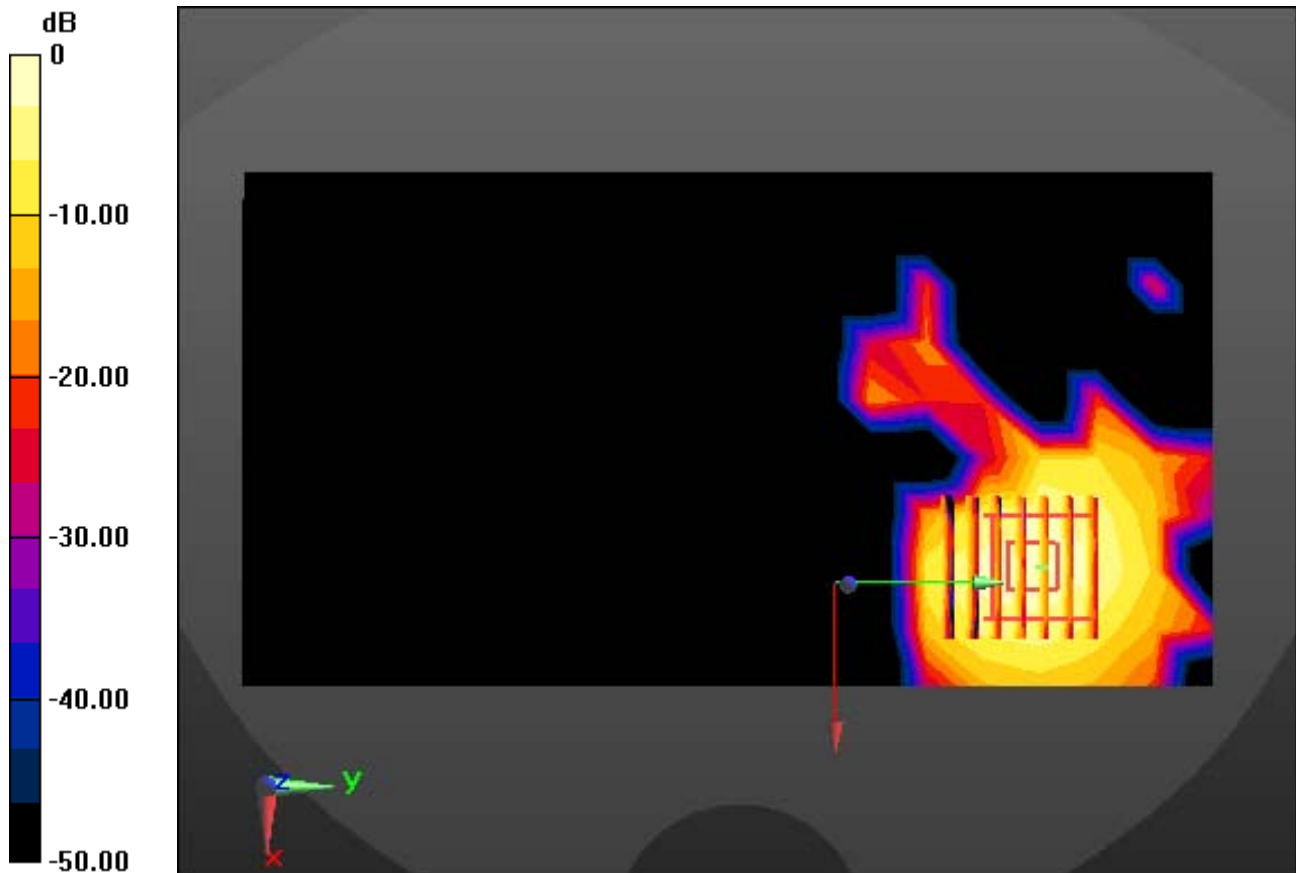
Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.028 W/kg



0 dB = 0.0990 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, LTE Band 66(FCC) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1770$ MHz; $\sigma = 1.359$ S/m; $\epsilon_r = 40.637$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 2020-05-27 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679

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

Test Date: 2020-10-28; Ambient Temp: 22.0; Tissue Temp: 21.8

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

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

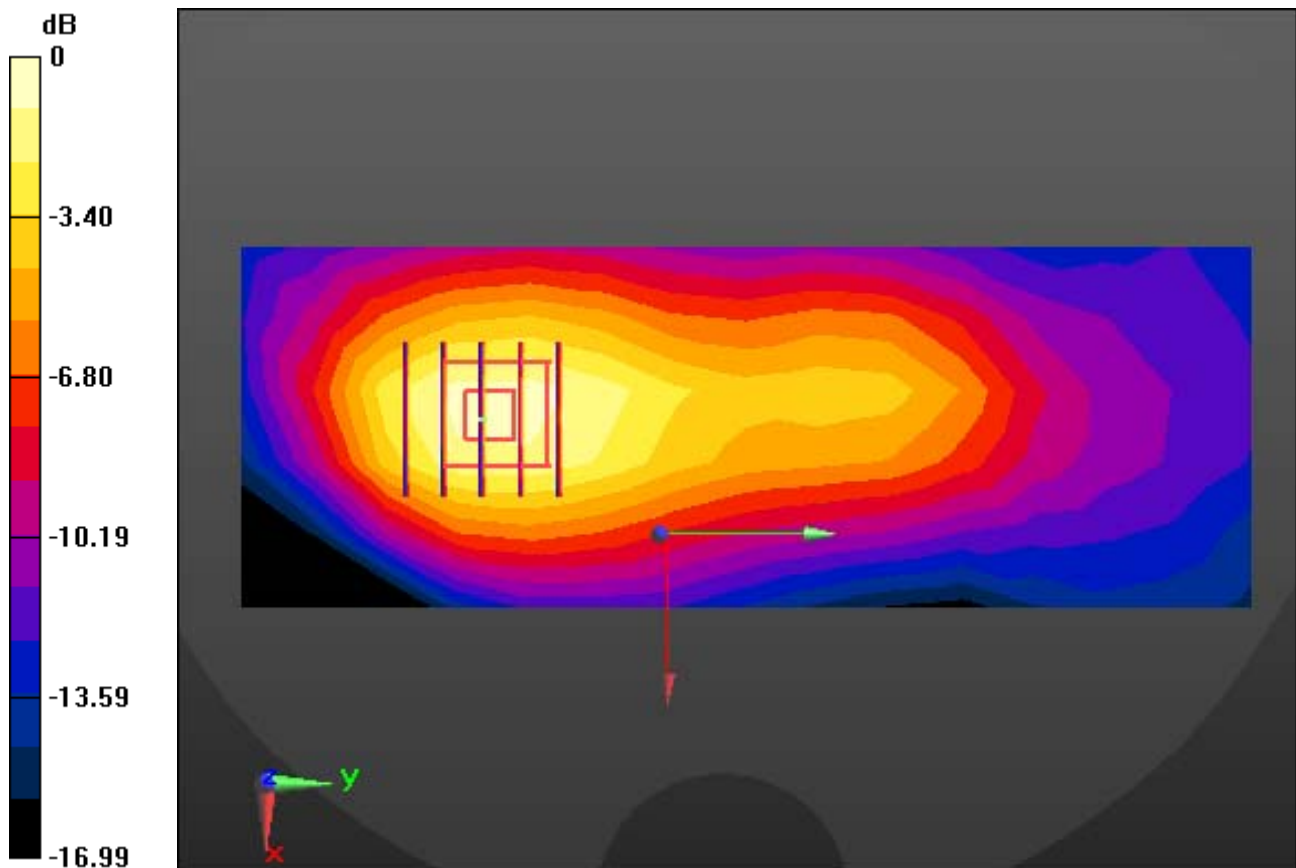
Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.145 W/kg



DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.897 \text{ S/m}$; $\epsilon_r = 36.413$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.95, 4.95, 4.95); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, Left, W-LAN(802.11a) Ch. 64, Ant Internal, Ant.1

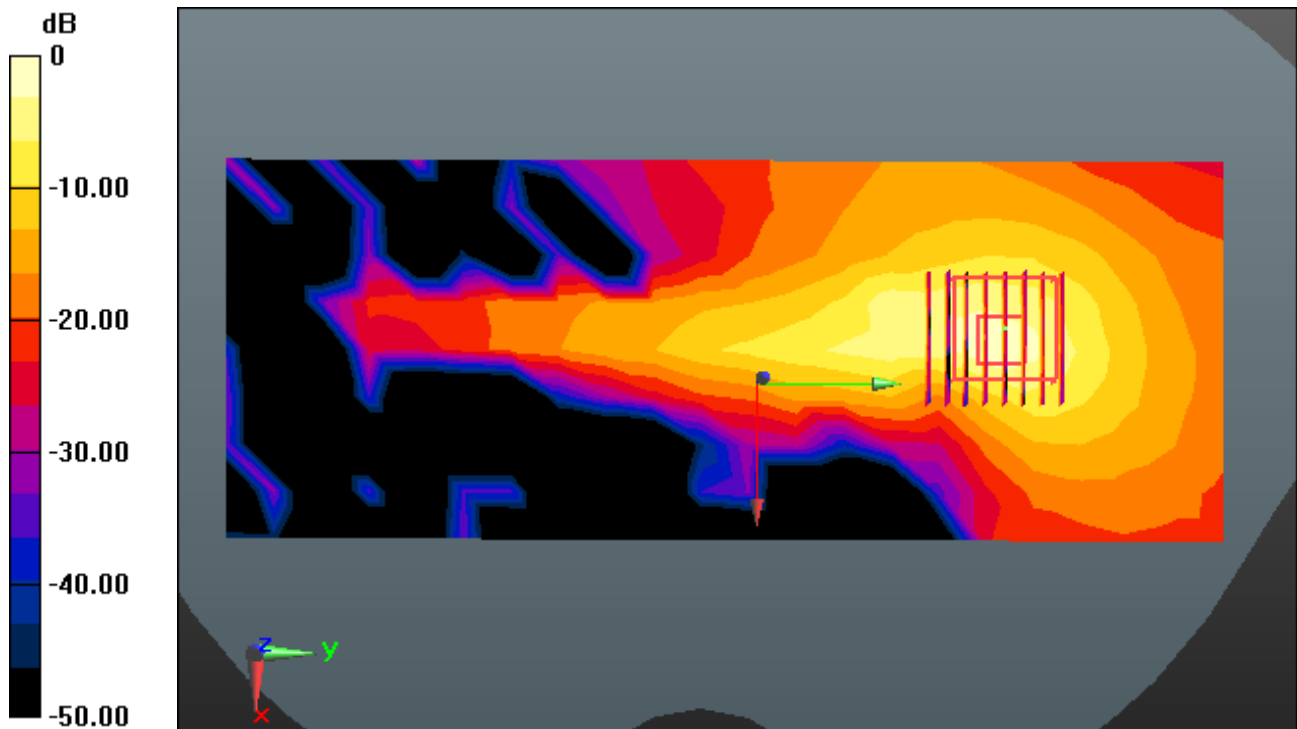
Area Scan (9x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 1.28 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.733 \text{ S/m}$; $\epsilon_r = 36.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, Rear, W-LAN(802.11a) Ch. 36, Ant Internal, Ant.2

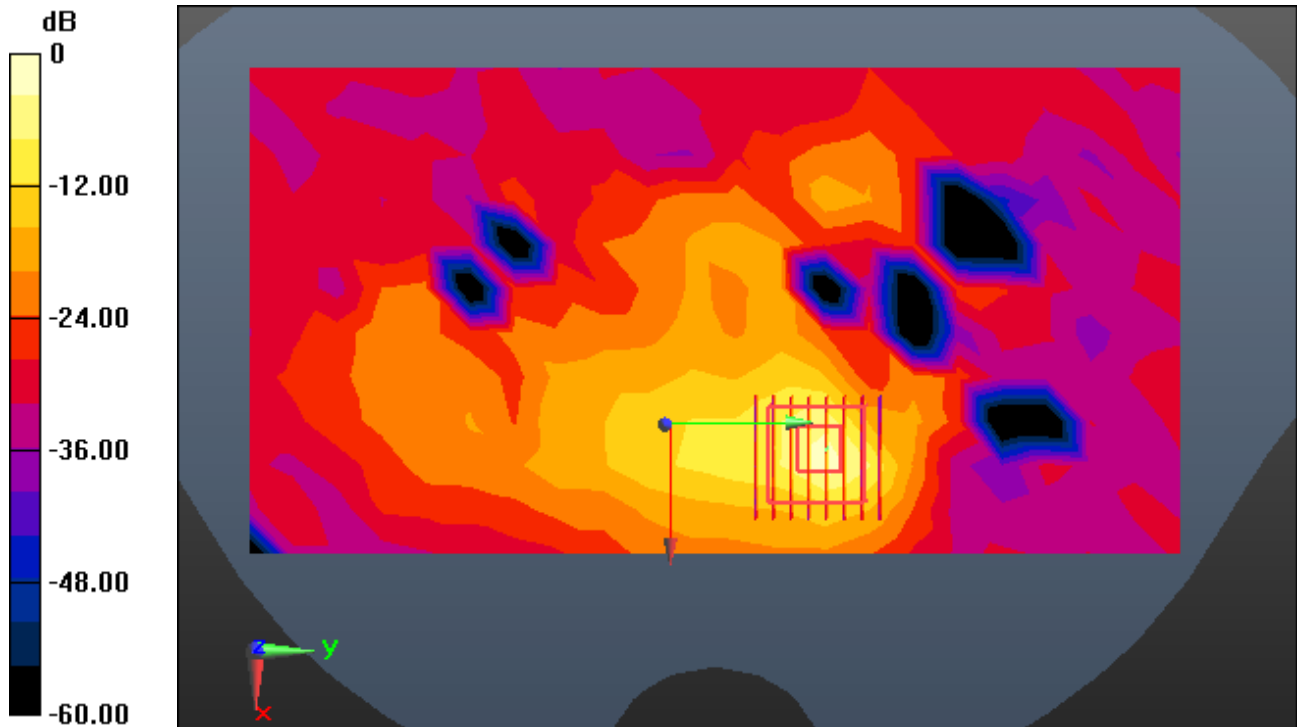
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 9.19 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.369 W/kg



0 dB = 4.70 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.2G(802.11a/n/ac) (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.733 \text{ S/m}$; $\epsilon_r = 36.659$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(5.09, 5.09, 5.09); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-10-29; Ambient Temp: 21.3; Tissue Temp: 21.1

Touch from Body, Rear, W-LAN(802.11a) Ch. 36, Ant Internal, MIMO

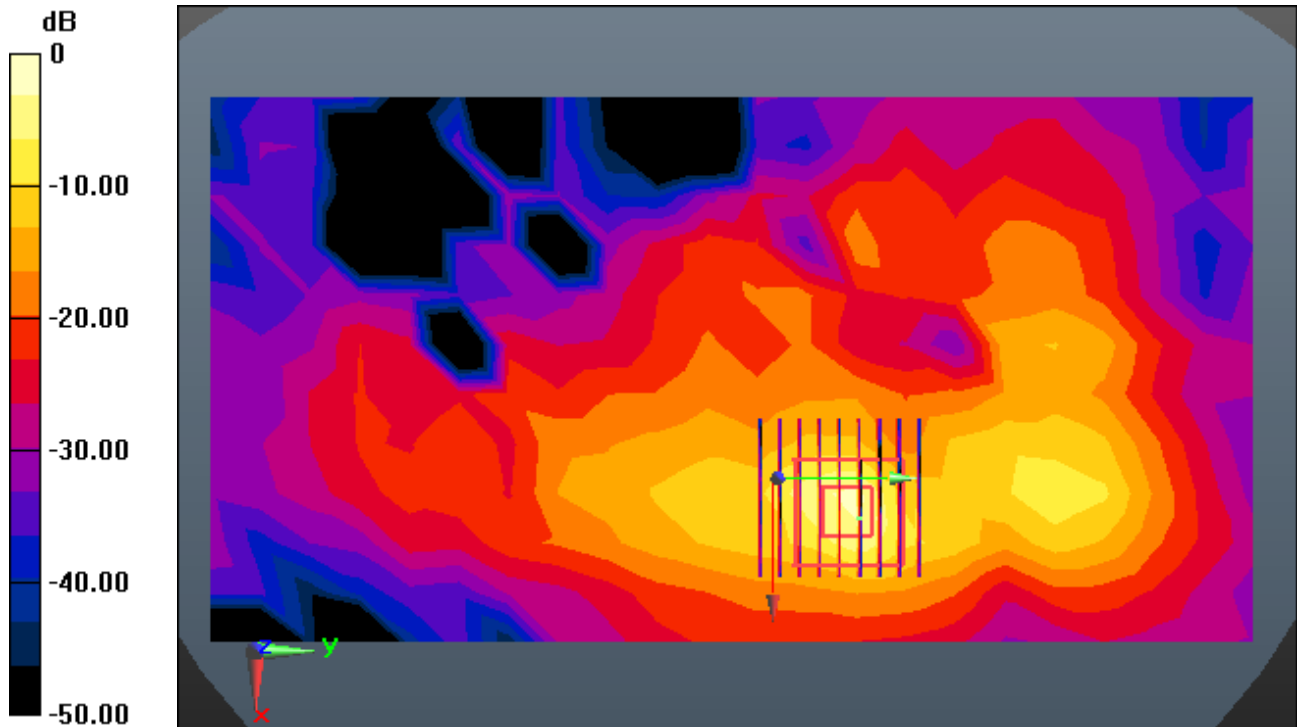
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.11 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 0.476 W/kg



0 dB = 5.94 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5580 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.095 \text{ S/m}$; $\epsilon_r = 35.632$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.7, 4.7, 4.7); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

Touch from Body, Left, W-LAN(802.11a) Ch. 116, Ant Internal, Ant.1

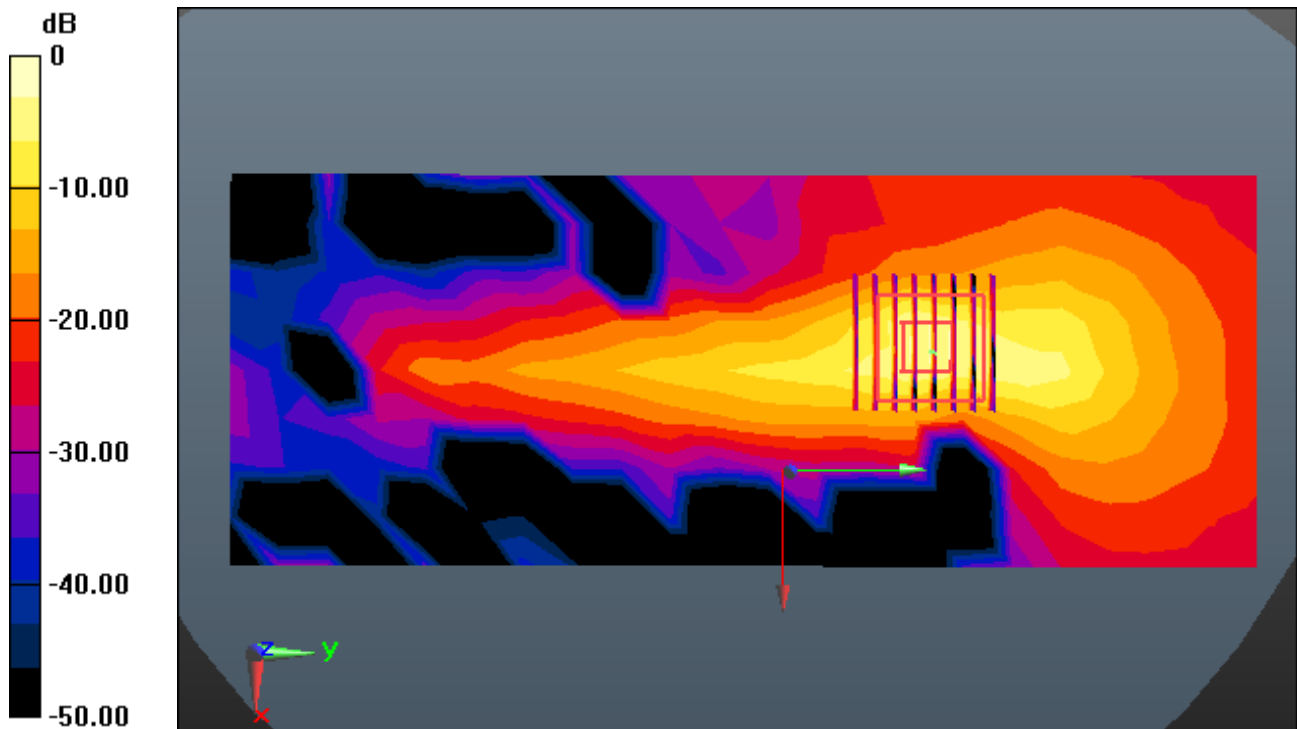
Area Scan (9x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 6.82 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.263 W/kg



0 dB = 3.10 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 35.779$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

Touch from Body, Rear, W-LAN(802.11a) Ch. 100, Ant Internal, Ant.2

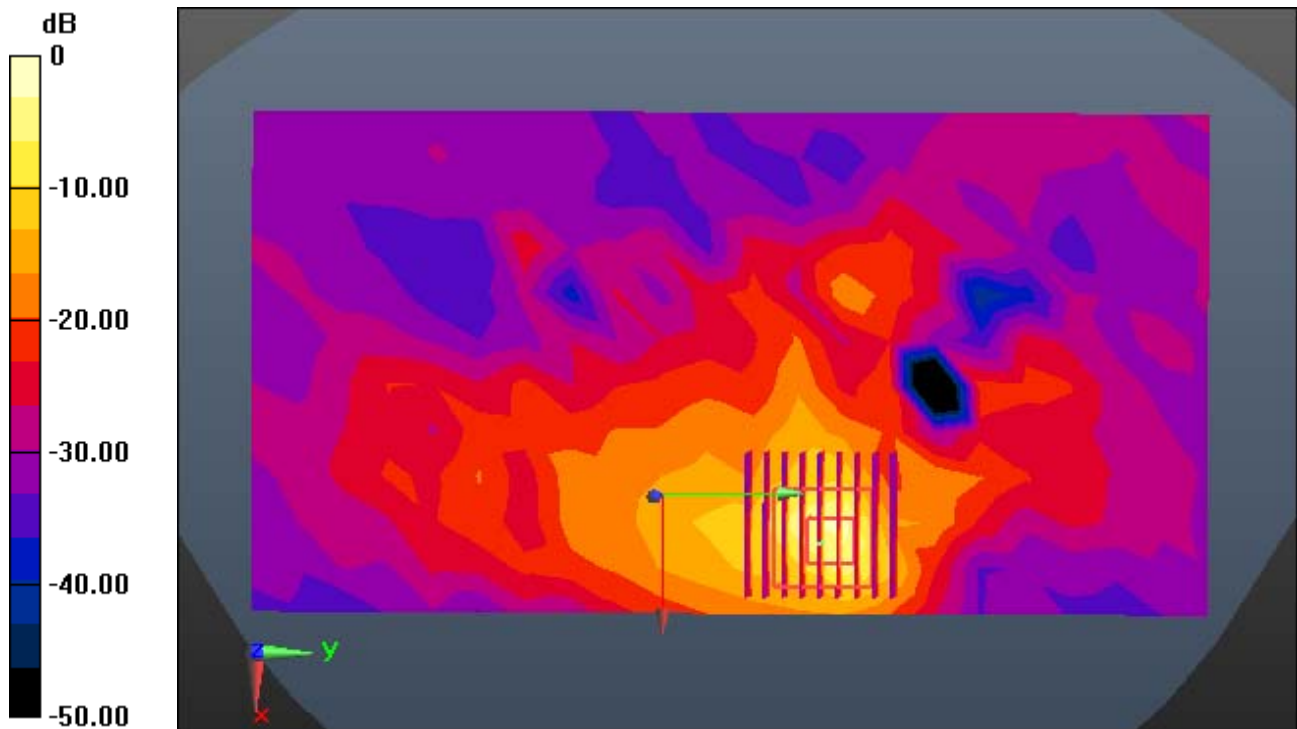
Area Scan (12x22x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 2.55 W/kg; SAR(10 g) = 0.544 W/kg



0 dB = 7.42 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.001$ S/m; $\epsilon_r = 35.779$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.8, 4.8, 4.8); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-09; Ambient Temp: 20.3; Tissue Temp: 20.0

Touch from Body, Rear, W-LAN(802.11a) Ch. 100, Ant Internal, MIMO

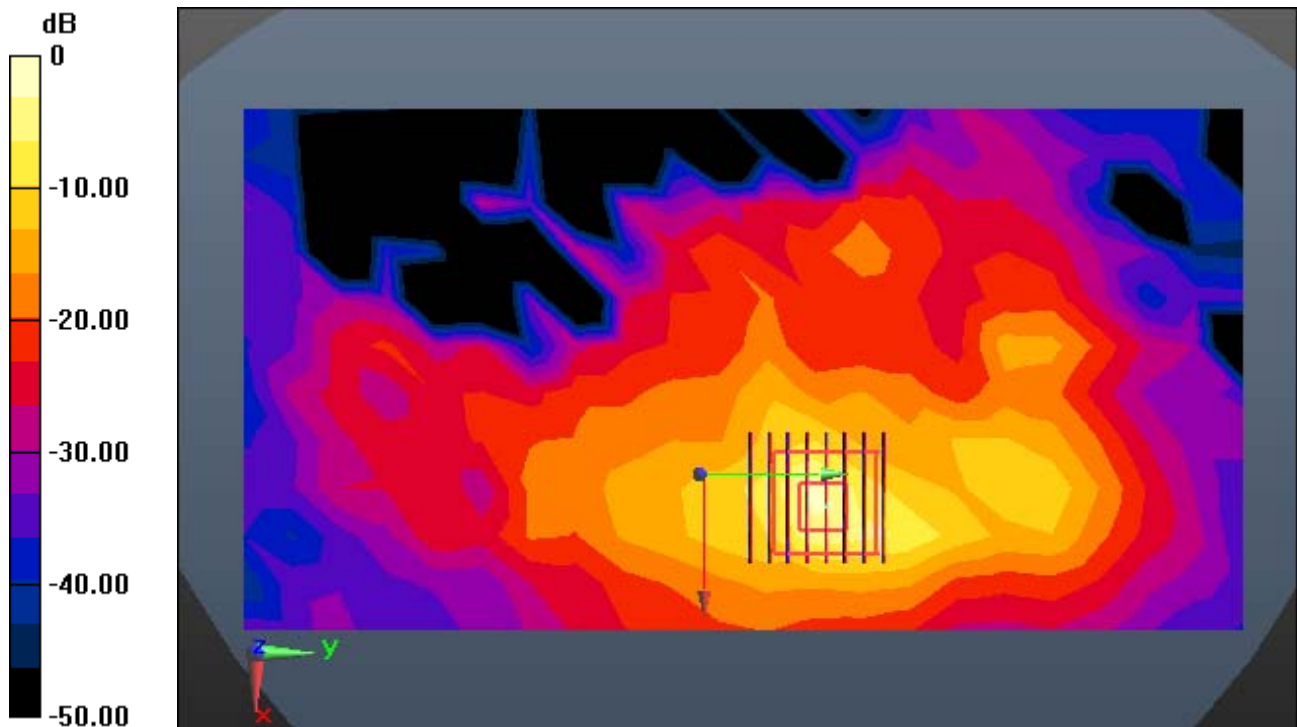
Area Scan (12x22x1): Measurement grid: dx=10mm, dy=10mm

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) = 16.9 W/kg

SAR(1 g) = 2.87 W/kg; SAR(10 g) = 0.627 W/kg



0 dB = 8.73 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

Touch from Body, Left, W-LAN(802.11a) Ch. 165, Ant Internal, Ant.1

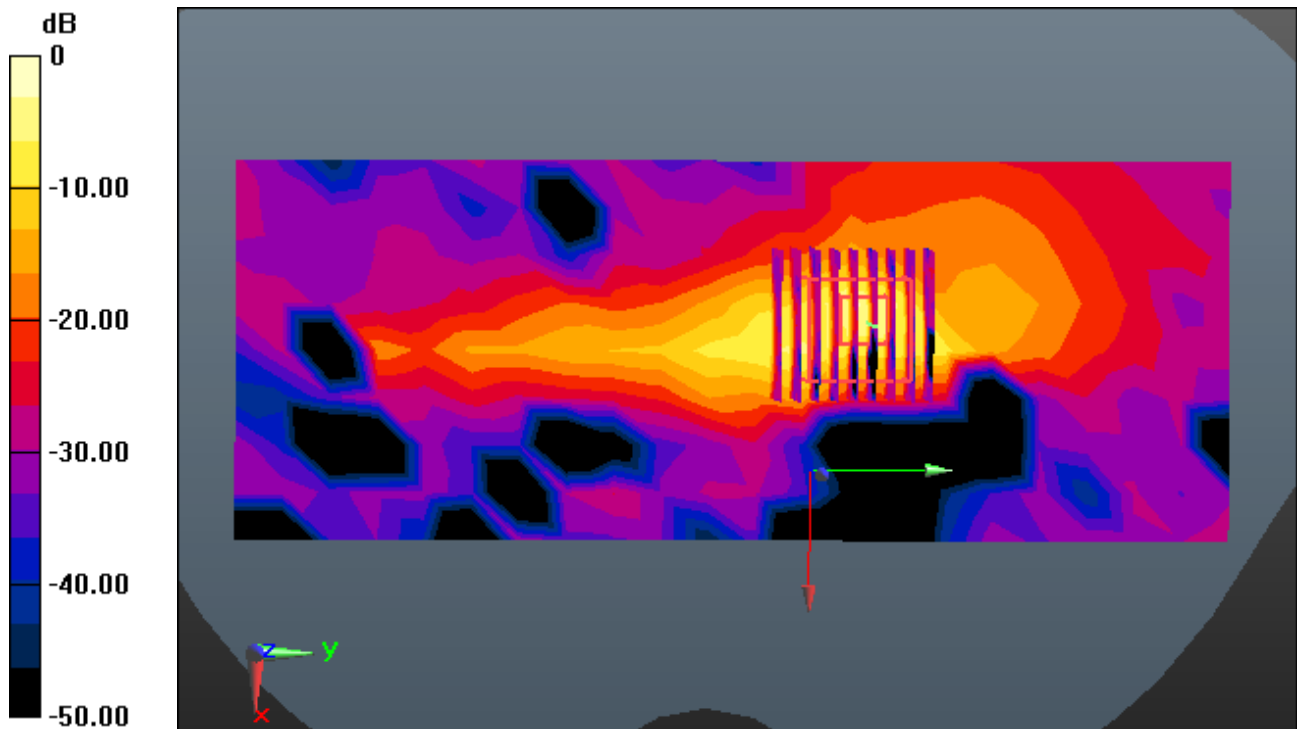
Area Scan (9x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.46 W/kg

SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.170 W/kg



0 dB = 2.75 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

Touch from Body, Rear, W-LAN(802.11a) Ch. 165, Ant Internal, Ant.2

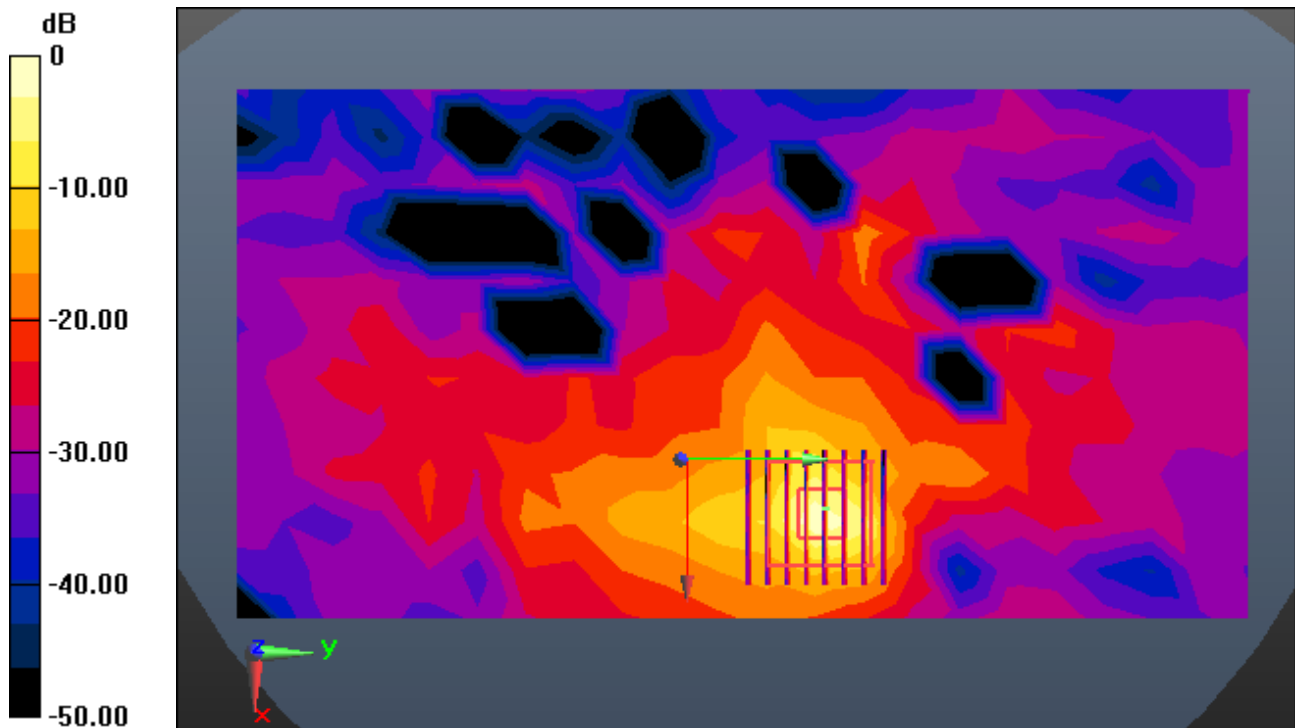
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 0.501 W/kg



0 dB = 6.85 W/kg

DT&C Co., Ltd.

DUT: EF550; Type: Bar

Communication System: UID 0, W-LAN 5.8G(802.11a/n/ac) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.413 \text{ S/m}$; $\epsilon_r = 35.547$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3916; ConvF(4.74, 4.74, 4.74); Calibrated: 4/27/2020 Electronics: DAE4 Sn1391

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: 1220

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

Test Date: 2020-11-16; Ambient Temp: 20.3; Tissue Temp: 20.5

Touch from Body, Rear, W-LAN(802.11a) Ch. 165, Ant Internal, MIMO

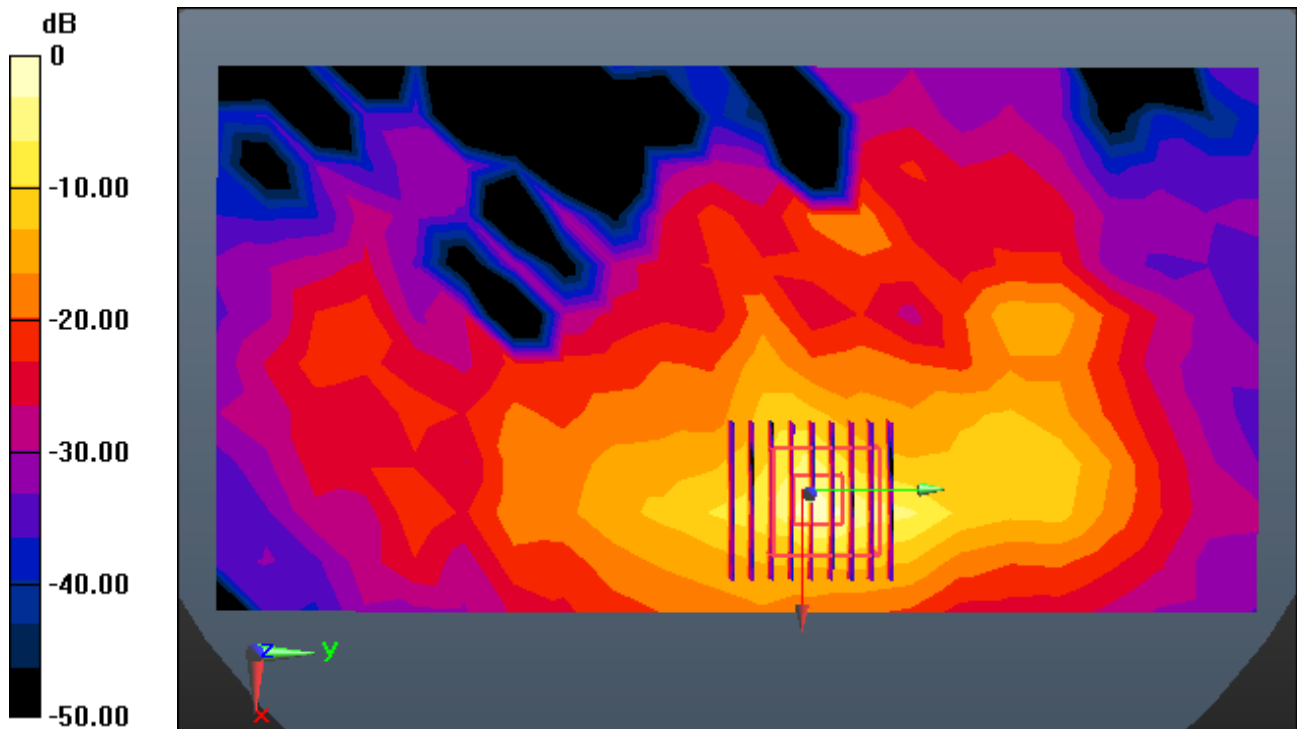
Area Scan (12x22x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 0.592 W/kg



0 dB = 7.65 W/kg