

SAR Plots

- Verification Plots
- SAR Test Plots

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: $f = 750 \text{ MHz}$; $\sigma = 0.897 \text{ S/m}$; $\epsilon_r = 42.554$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.74, 9.74, 9.74); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-09; Ambient Temp: 21.7; Tissue Temp: 21.6

750 MHz System Verification (250 mW)

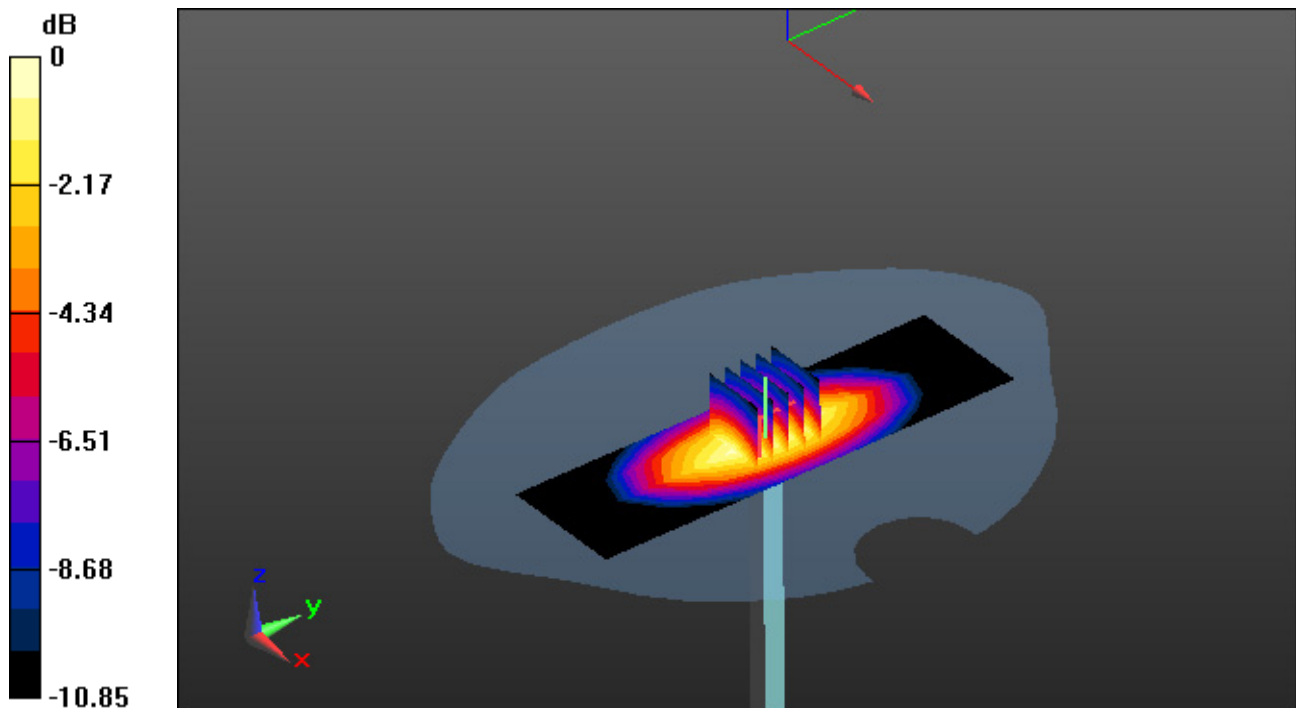
Area Scan (5x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 3.30 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.39 W/kg



0 dB = 2.86 W/kg

Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 41.018$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

835 MHz System Verification (250 mW)

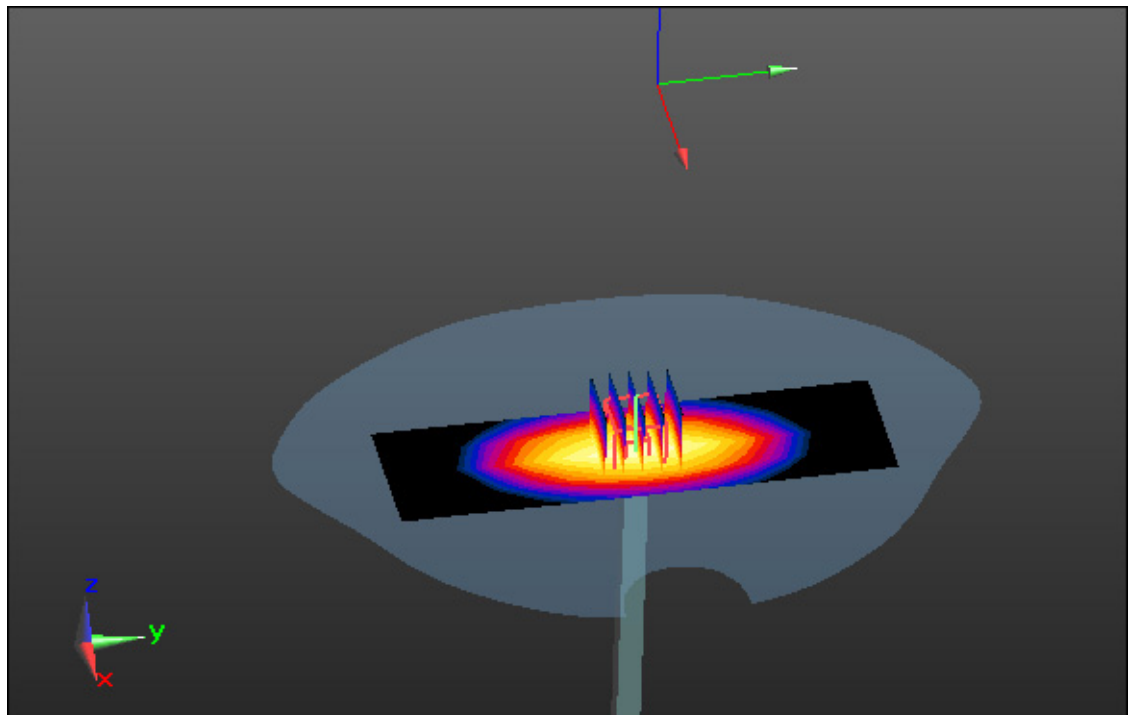
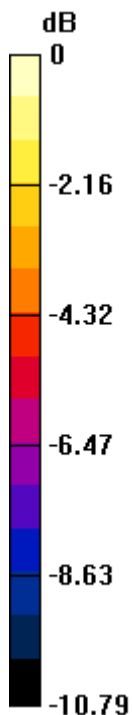
Area Scan (5x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 2.54 W/kg; SAR(10 g) = 1.66 W/kg



0 dB = 3.20 W/kg

Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 41.721$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-08; Ambient Temp: 20.3; Tissue Temp: 20.2

835 MHz System Verification (250 mW)

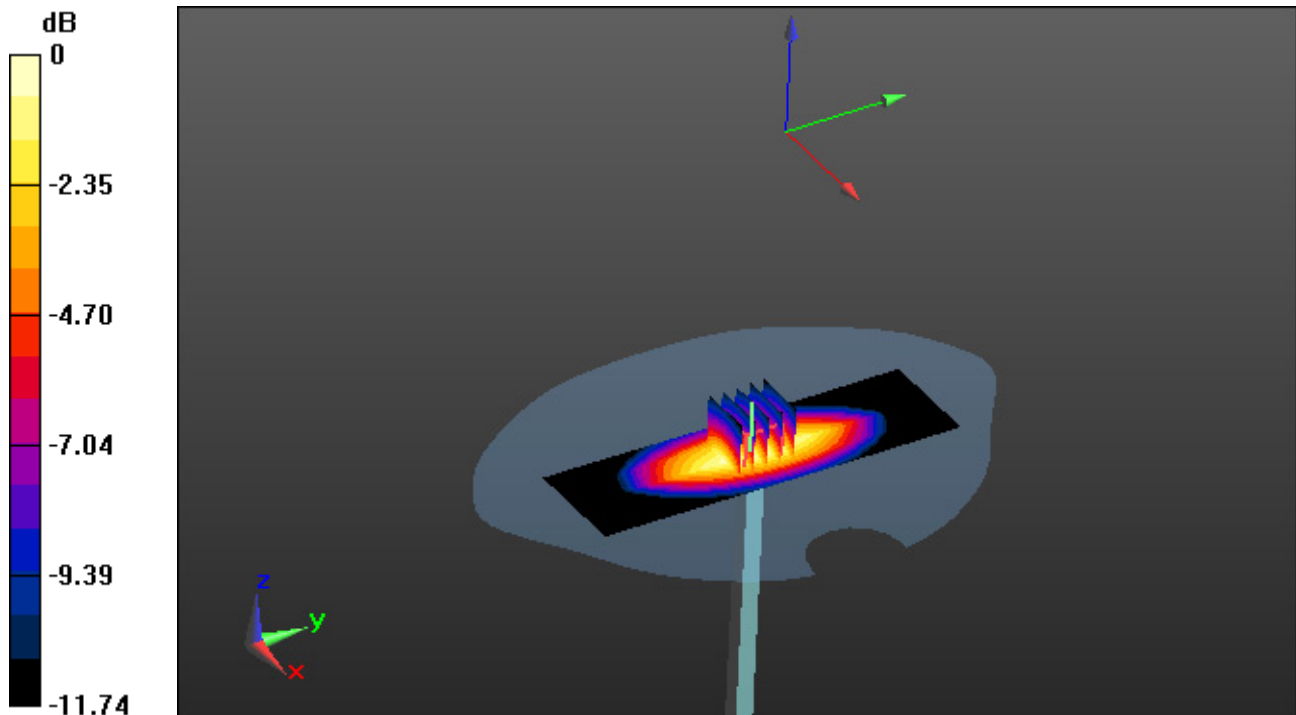
Area Scan (5x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.16 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.49 W/kg



0 dB = 3.28 W/kg

Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.387 \text{ S/m}$; $\epsilon_r = 40.083$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-11; Ambient Temp: 21.3; Tissue Temp: 21.2

1800 MHz System Verification (100 mW)

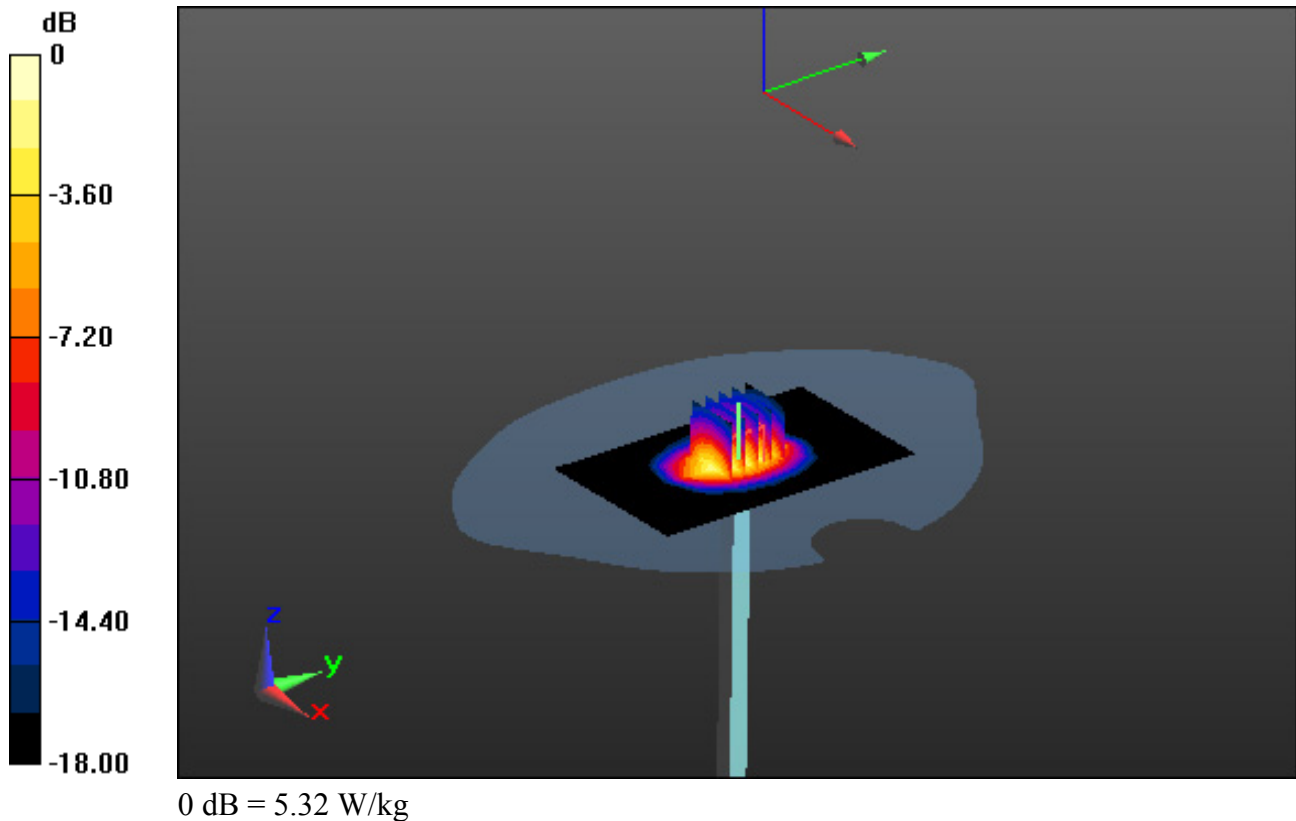
Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 6.79 W/kg

SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.95 W/kg



Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.191$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

1900 MHz System Verification (100 mW)

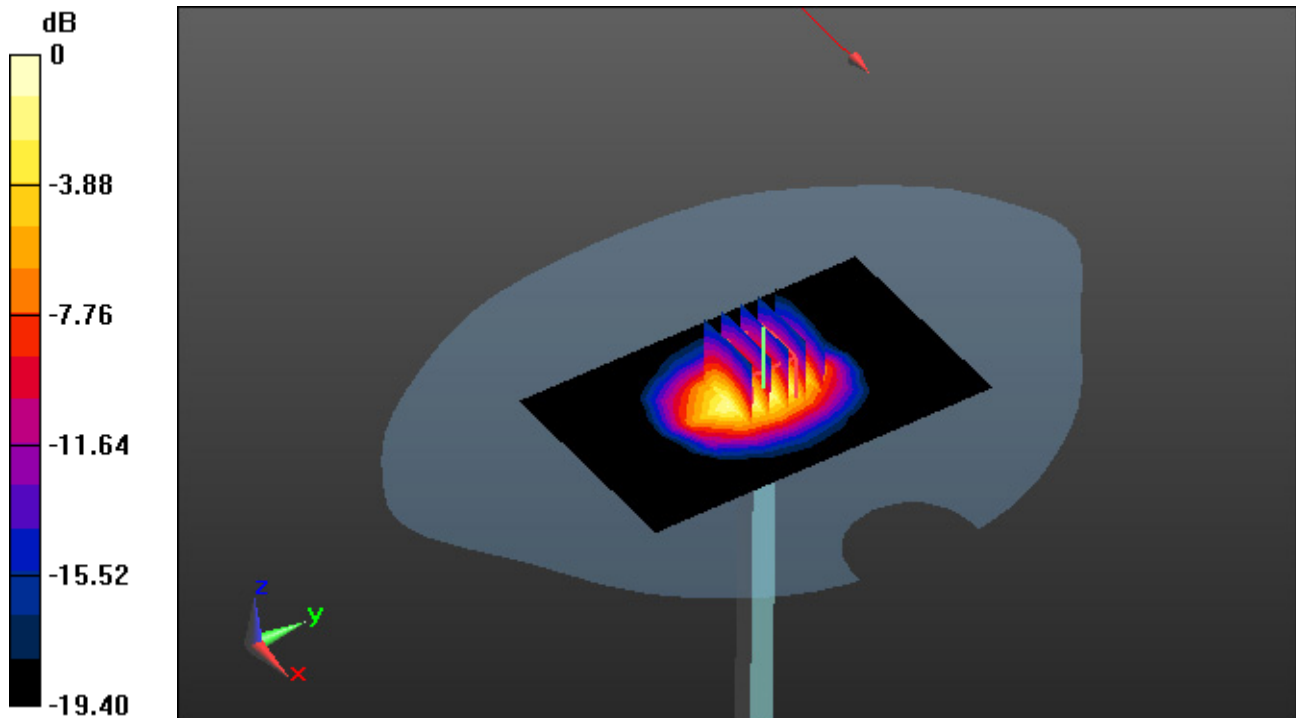
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 7.61 W/kg

SAR(1 g) = 4.07 W/kg; SAR(10 g) = 2.09 W/kg



Dt&C Co., Ltd.

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

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.452$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-14; Ambient Temp: 20.1; Tissue Temp: 20.0

1900 MHz System Verification (100 mW)

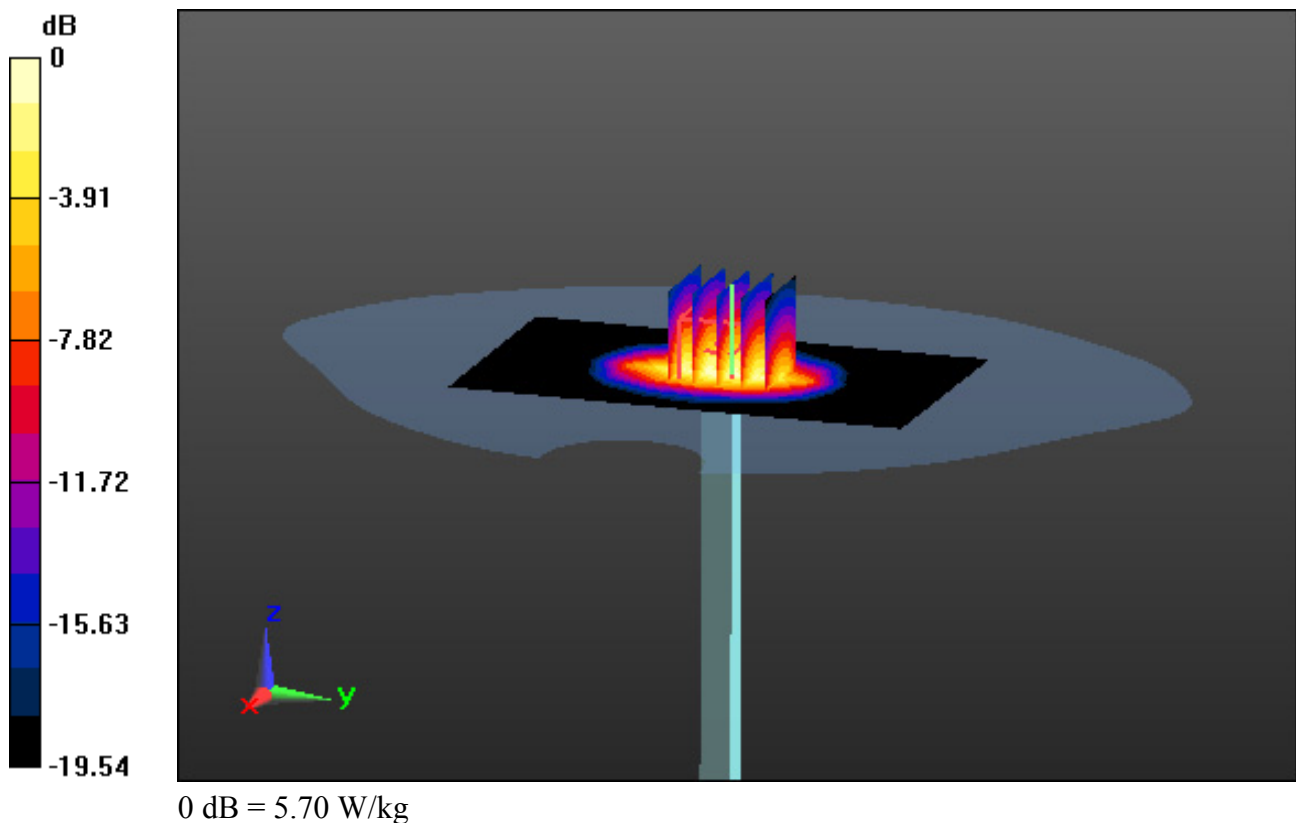
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 7.55 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.07 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; $\sigma = 1.859$ S/m; $\epsilon_r = 38.014$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-03; Ambient Temp: 21.7; Tissue Temp: 21.4

2450 MHz System Verification (100 mW)

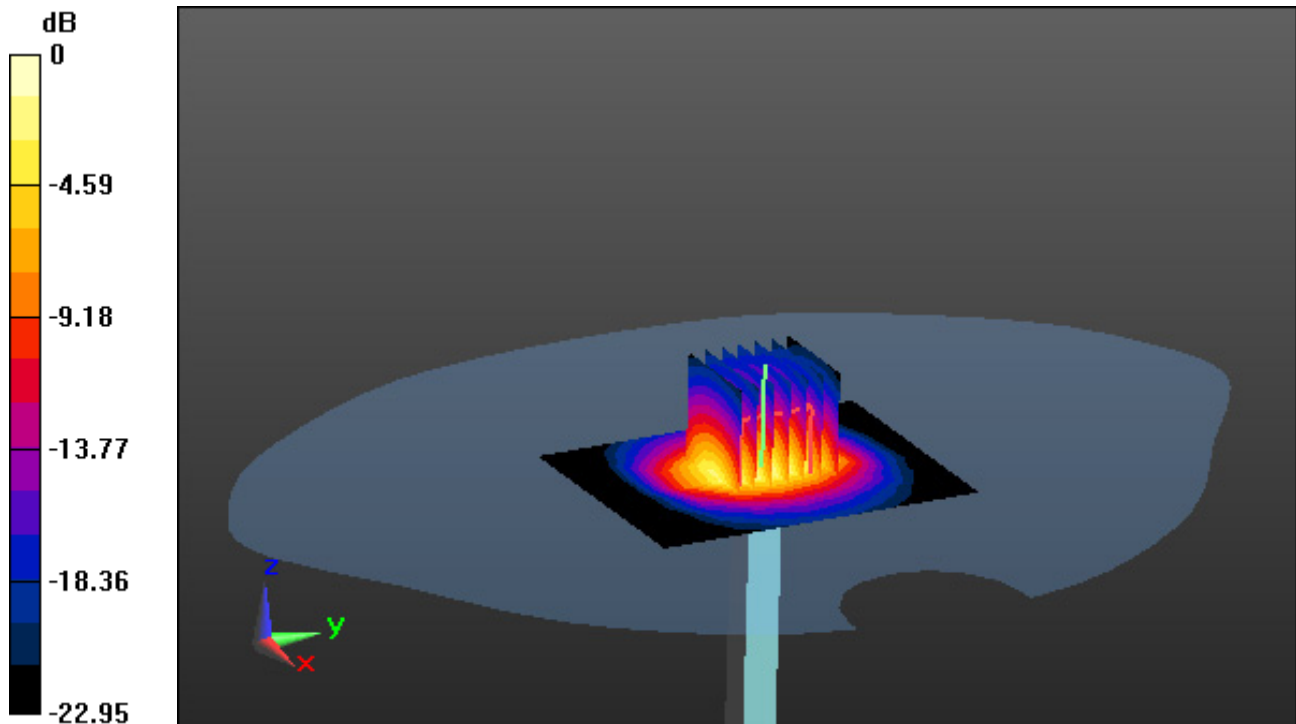
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.17 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 5.03 W/kg; SAR(10 g) = 2.31 W/kg



0 dB = 7.74 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; $\sigma = 4.691$ S/m; $\epsilon_r = 34.613$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-23; Ambient Temp: 20.1; Tissue Temp: 20.0

5300 MHz System Verification (100 mW)

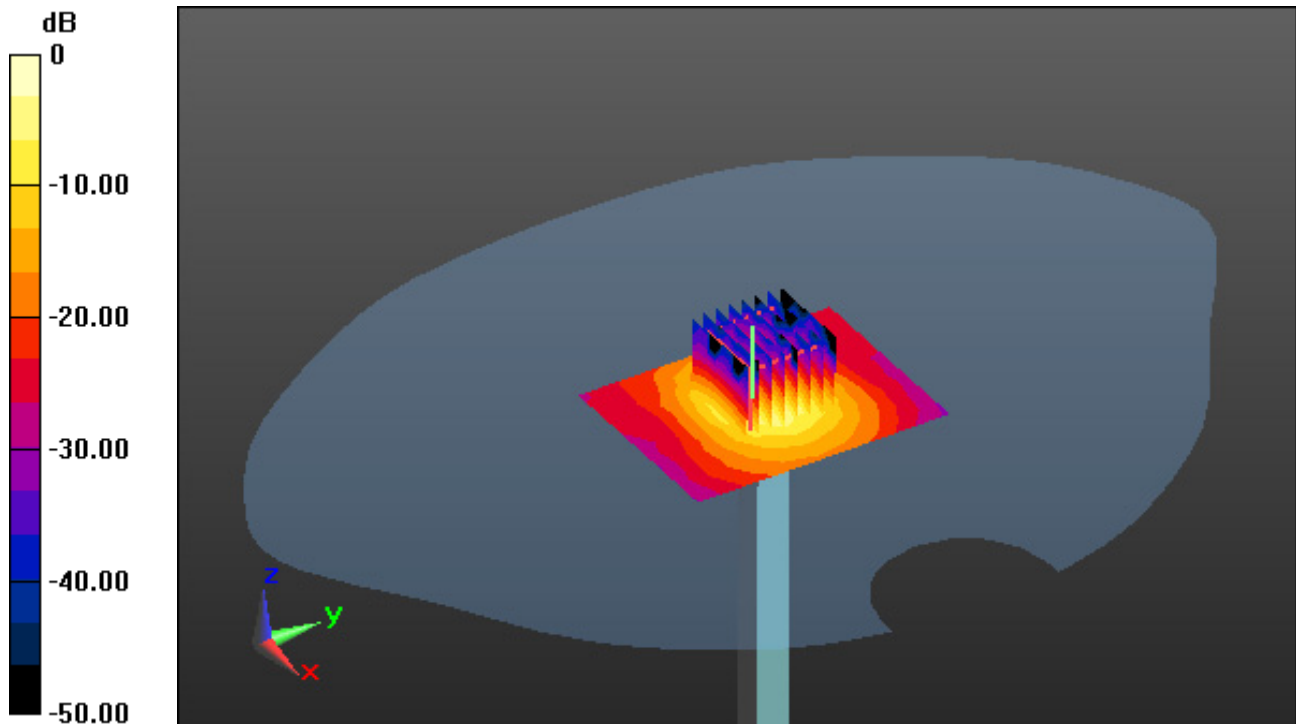
Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.12 dB

Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.26 W/kg



0 dB = 18.8 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; $\sigma = 5.199$ S/m; $\epsilon_r = 35.478$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.95, 4.95, 4.95); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-25; Ambient Temp: 20.5; Tissue Temp: 20.3

5600 MHz System Verification (100 mW)

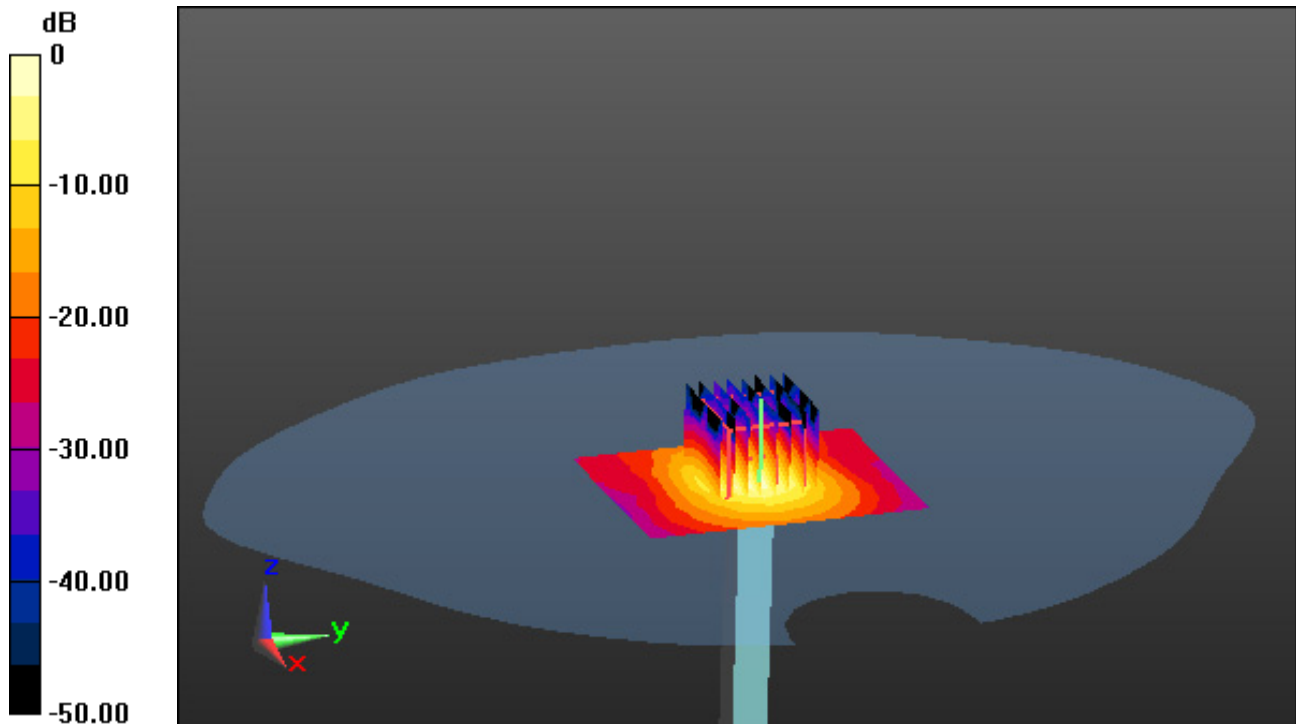
Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.18 dB

Peak SAR (extrapolated) = 37.3 W/kg

SAR(1 g) = 8.82 W/kg; SAR(10 g) = 2.50 W/kg



0 dB = 21.3 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 40.99$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

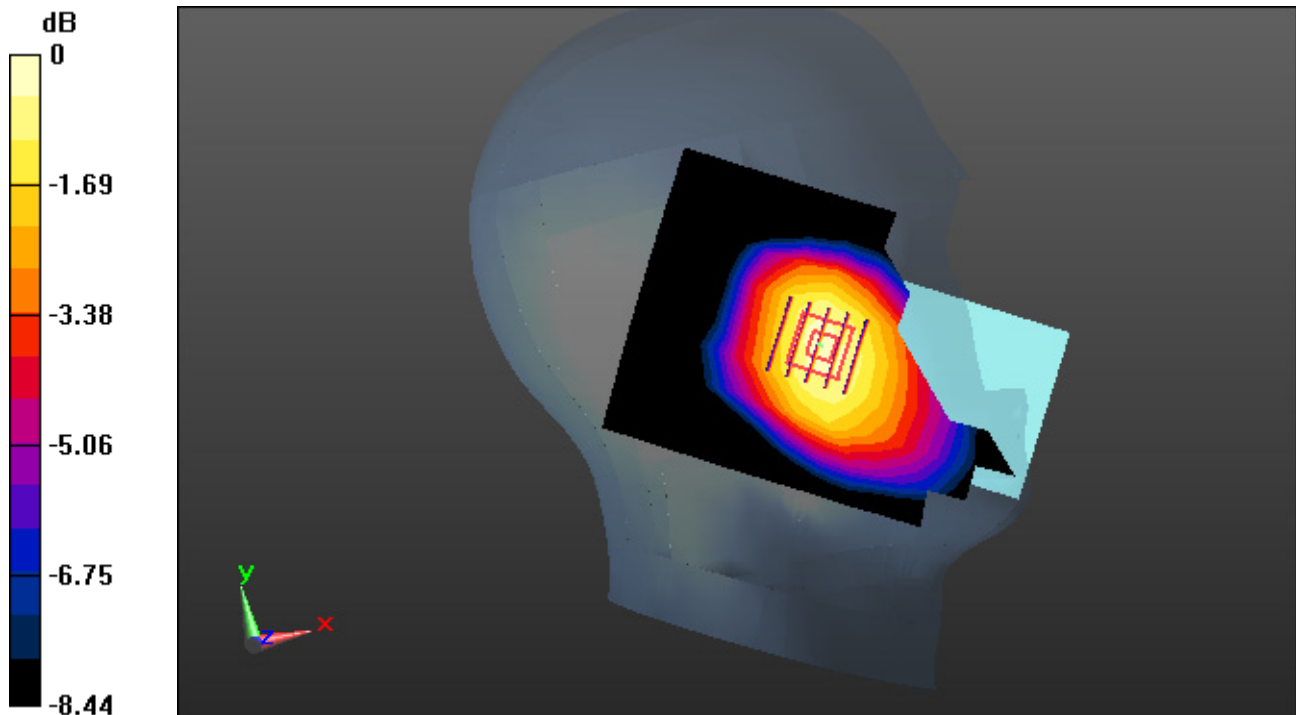
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.317 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.195 W/kg



0 dB = 0.293 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, GSM 850_12 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 40.99$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

Left Touch, GSM850 GPRS 4 Tx Ch. 190, Ant Internal, Standard Battery

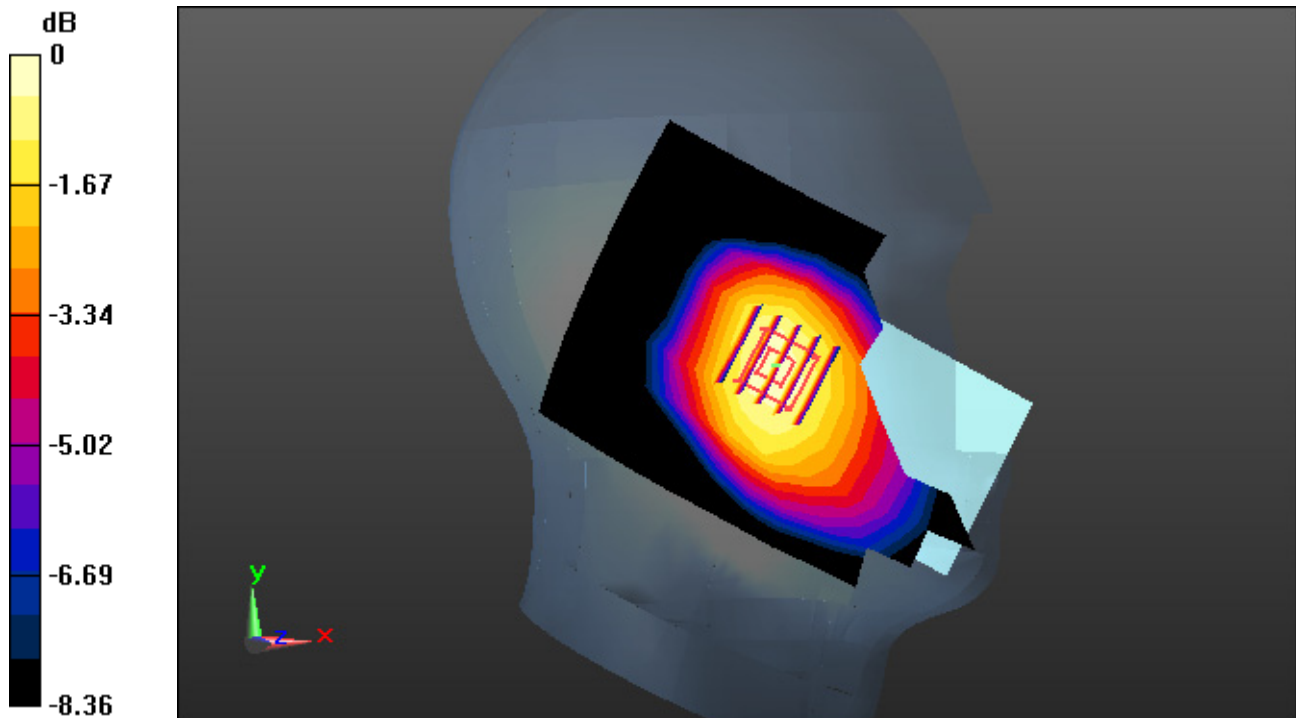
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.206 W/kg



0 dB = 0.306 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.266$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

Right Touch, PCS 1900 Ch. 661, Ant Internal, Standard Battery

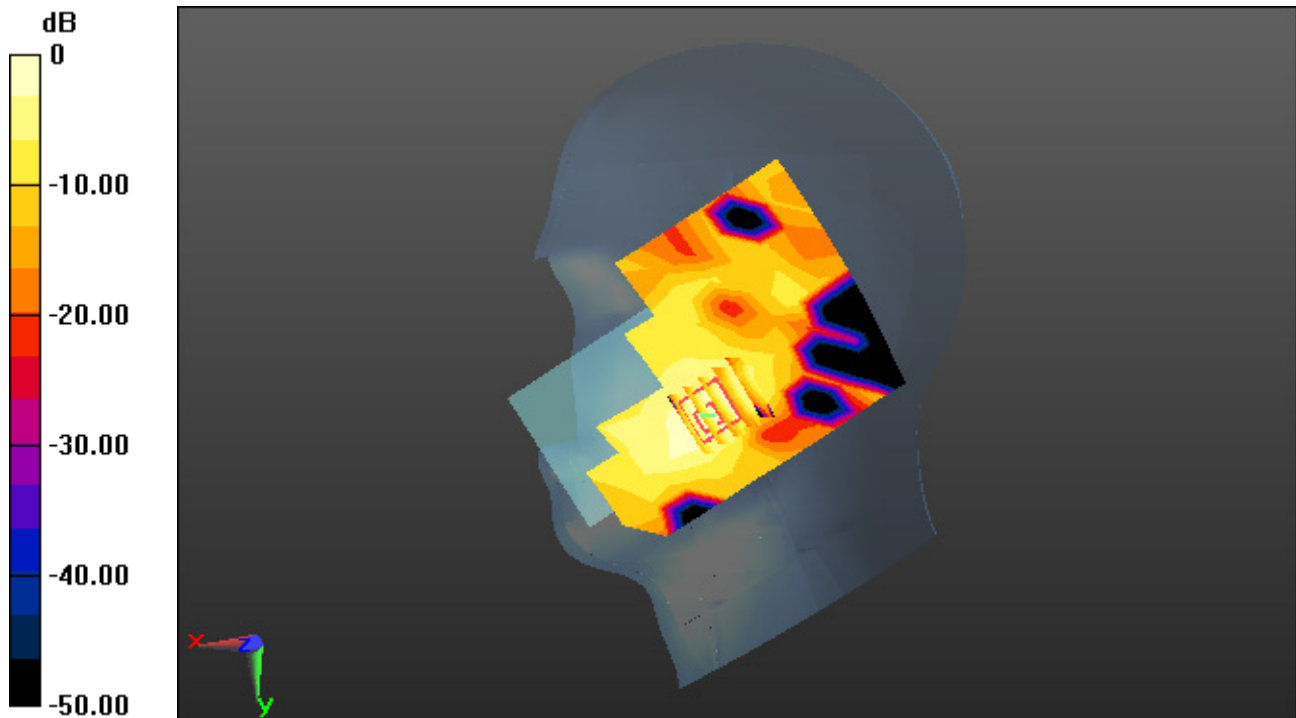
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0375 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.266$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

Right Touch, PCS 1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery

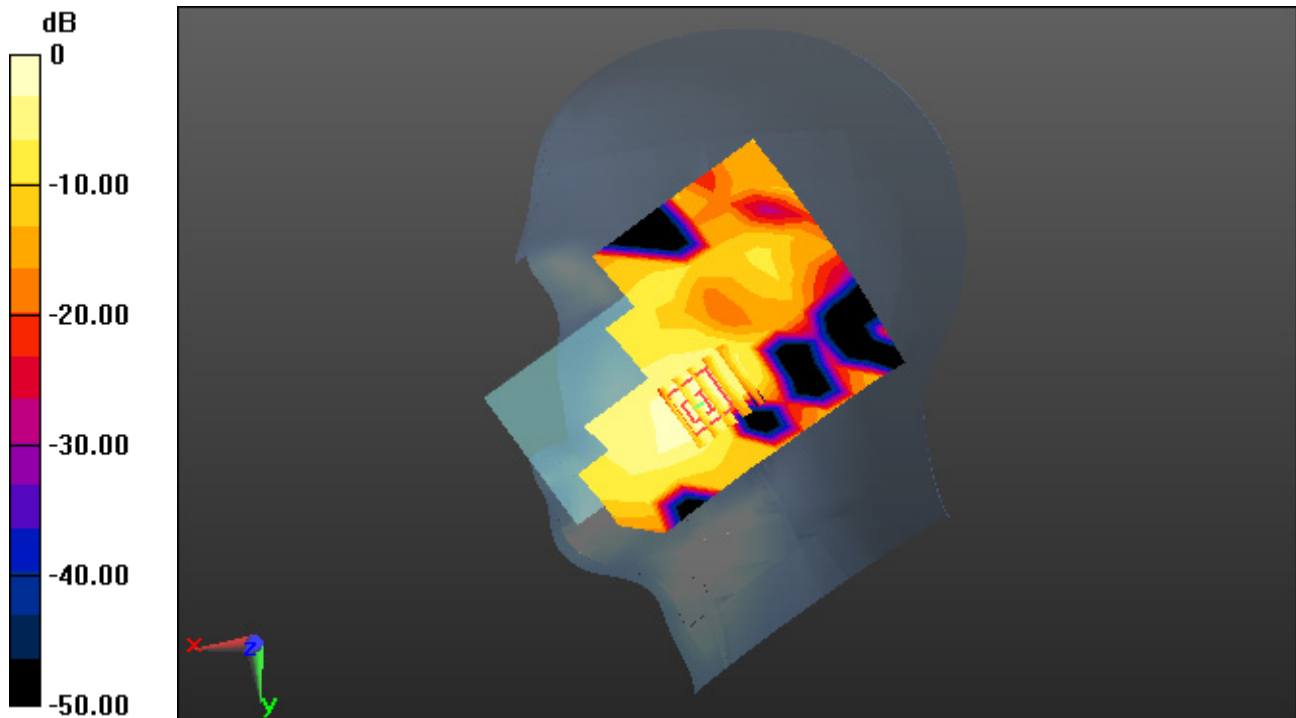
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.0374 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 40.99$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

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

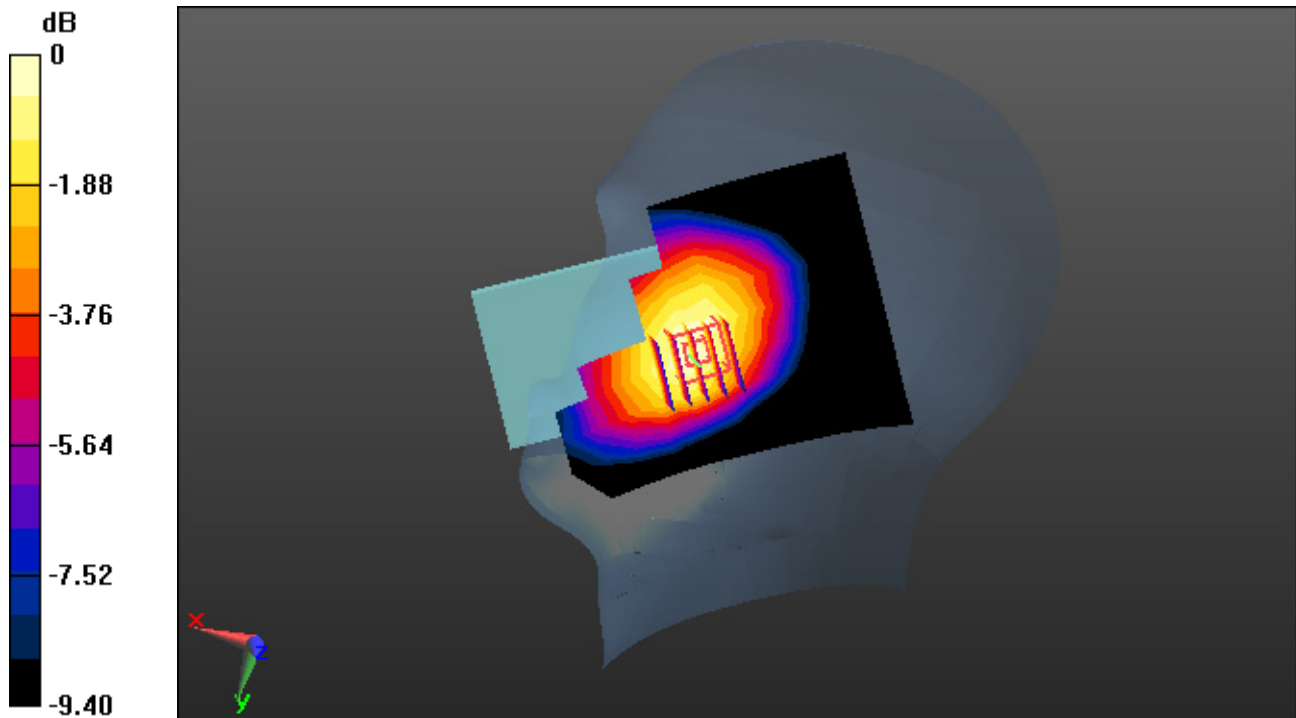
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.156 W/kg



0 dB = 0.233 W/kg

Dt&C Co., Ltd.

DUT: EB1147; 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; $\sigma = 1.331$ S/m; $\epsilon_r = 40.422$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-11; Ambient Temp: 21.3; Tissue Temp: 21.2

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

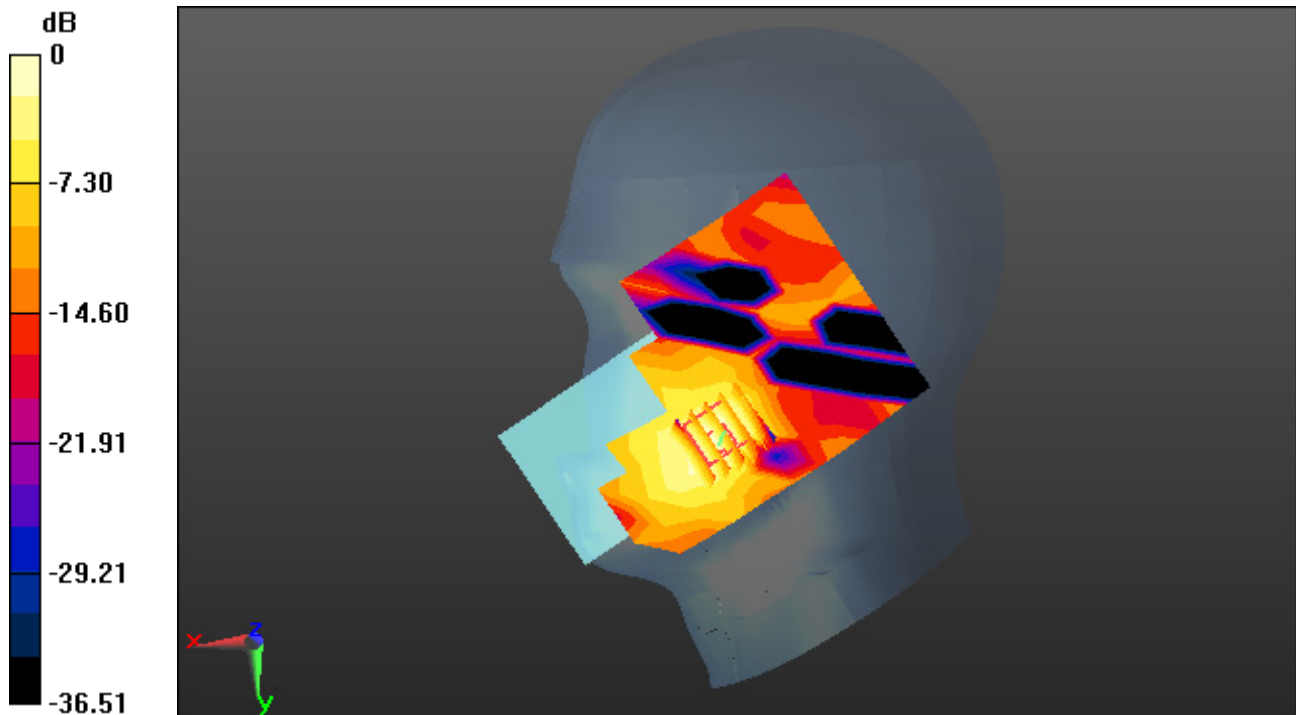
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.020 W/kg



0 dB = 0.0439 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.266$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

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

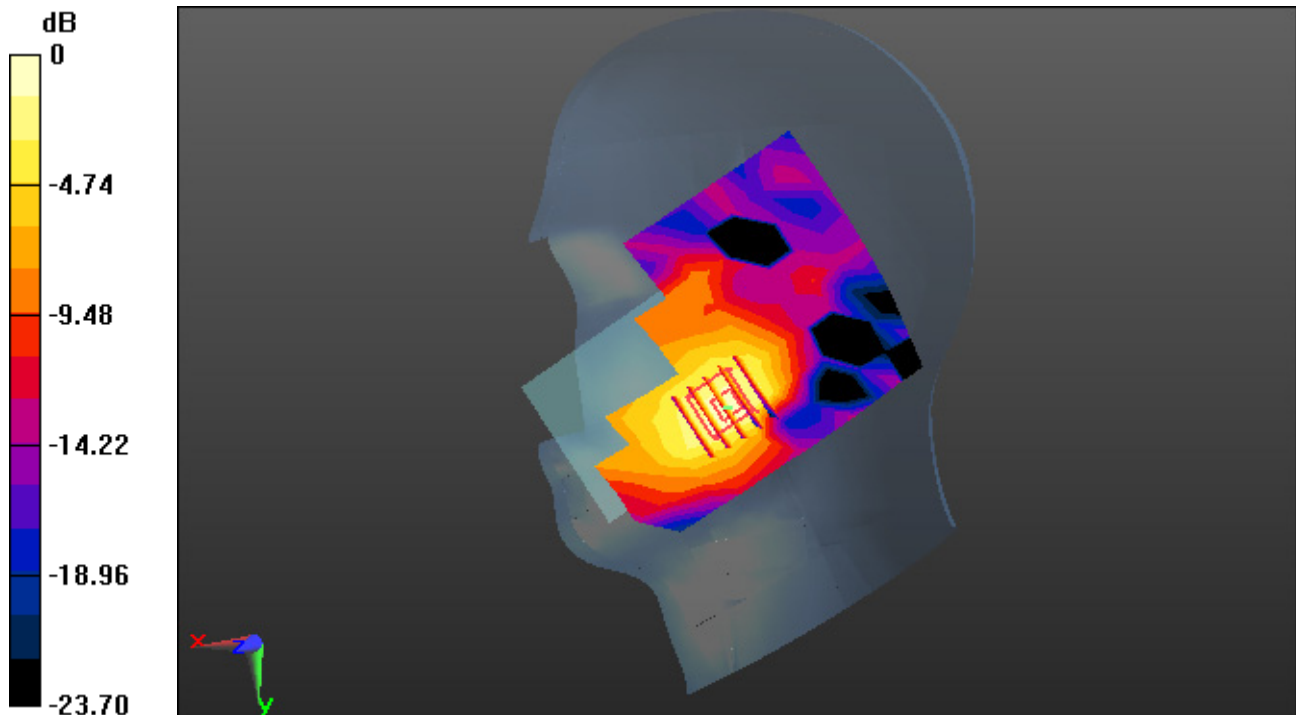
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0910 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.033 W/kg



0 dB = 0.0760 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 43.09$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.74, 9.74, 9.74); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-09; Ambient Temp: 21.7; Tissue Temp: 21.6

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

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

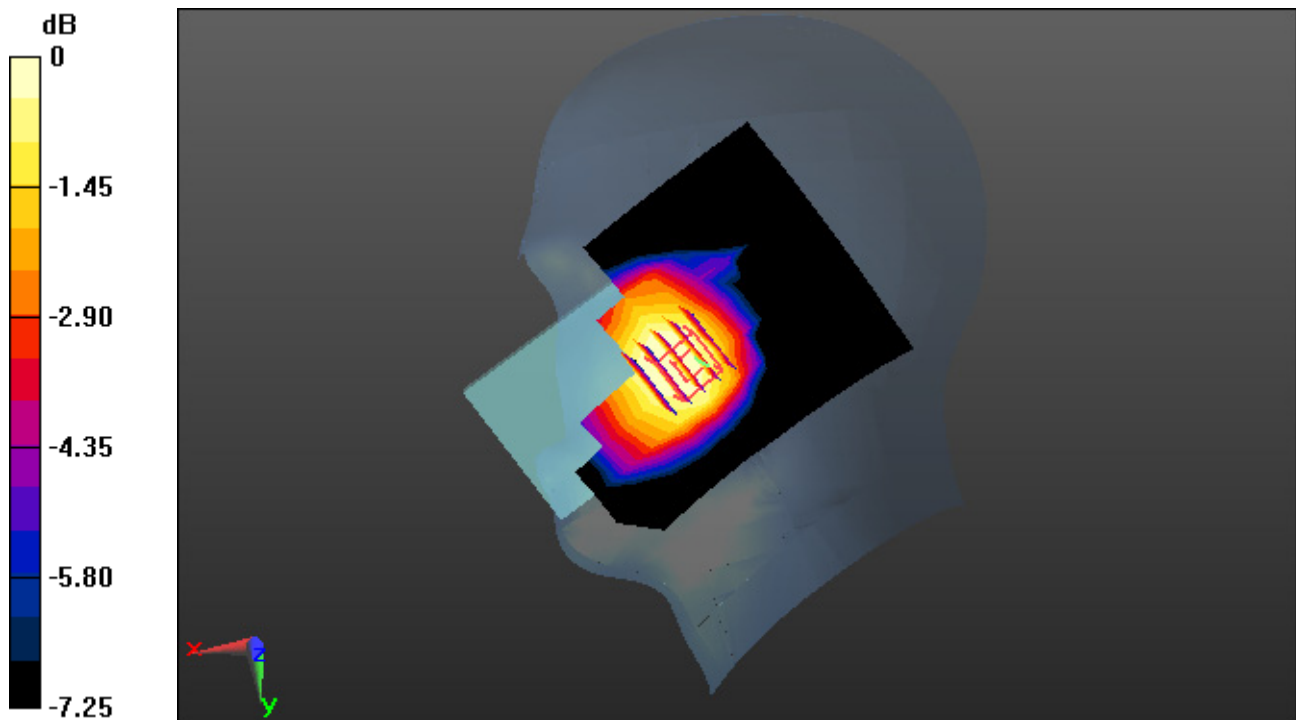
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.016 W/kg



0 dB = 0.0227 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.701$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-08; Ambient Temp: 20.3; Tissue Temp: 20.2

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

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

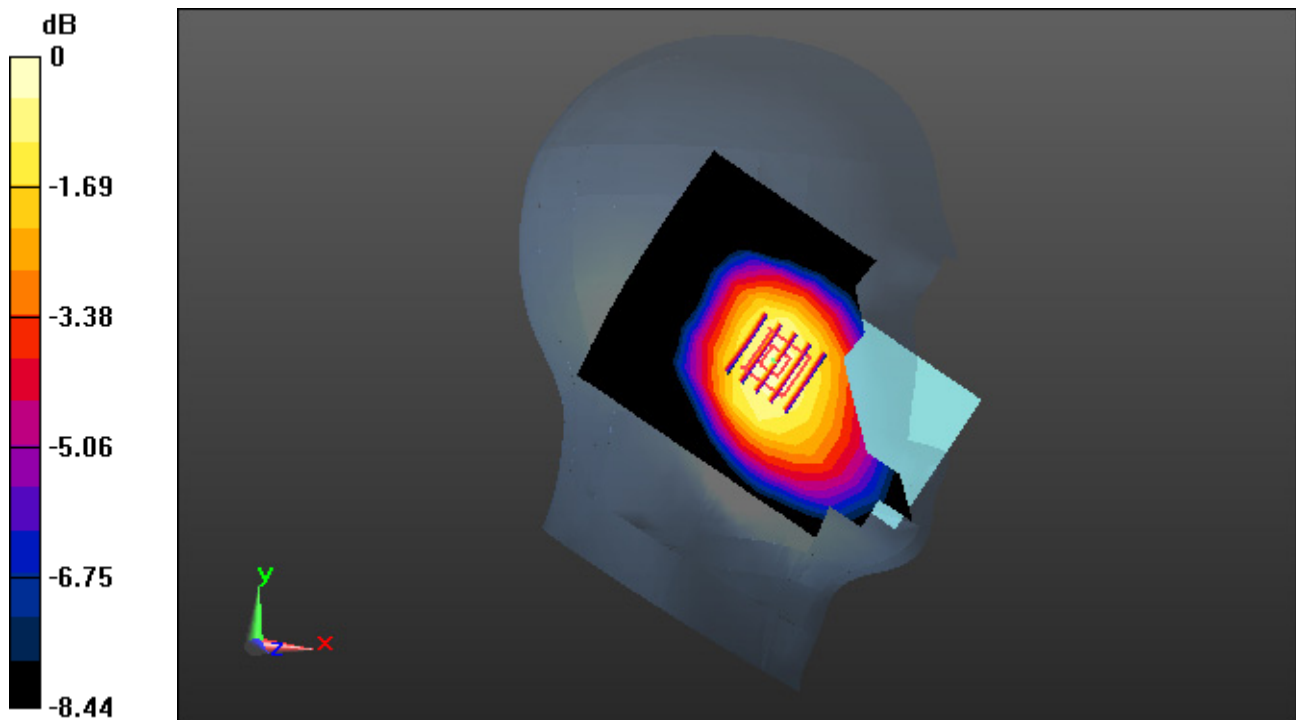
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.146 W/kg



0 dB = 0.213 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.331$ S/m; $\epsilon_r = 40.421$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-11; Ambient Temp: 21.3; Tissue Temp: 21.2

Left Touch, LTE Band 4 Ch. 20175, Ant Internal, Standard Battery

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

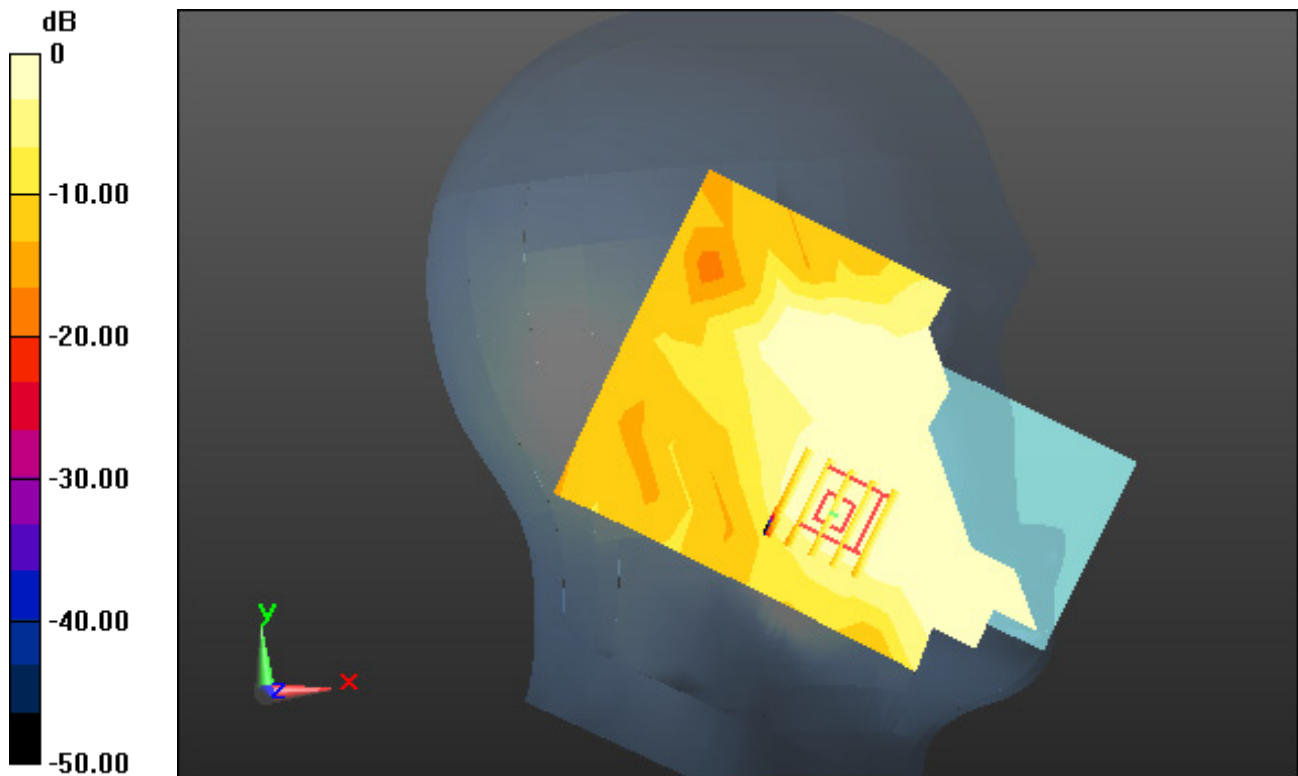
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.035 W/kg



0 dB = 0.0773 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.373 \text{ S/m}$; $\epsilon_r = 40.541$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-14; Ambient Temp: 20.1; Tissue Temp: 20.0

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

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

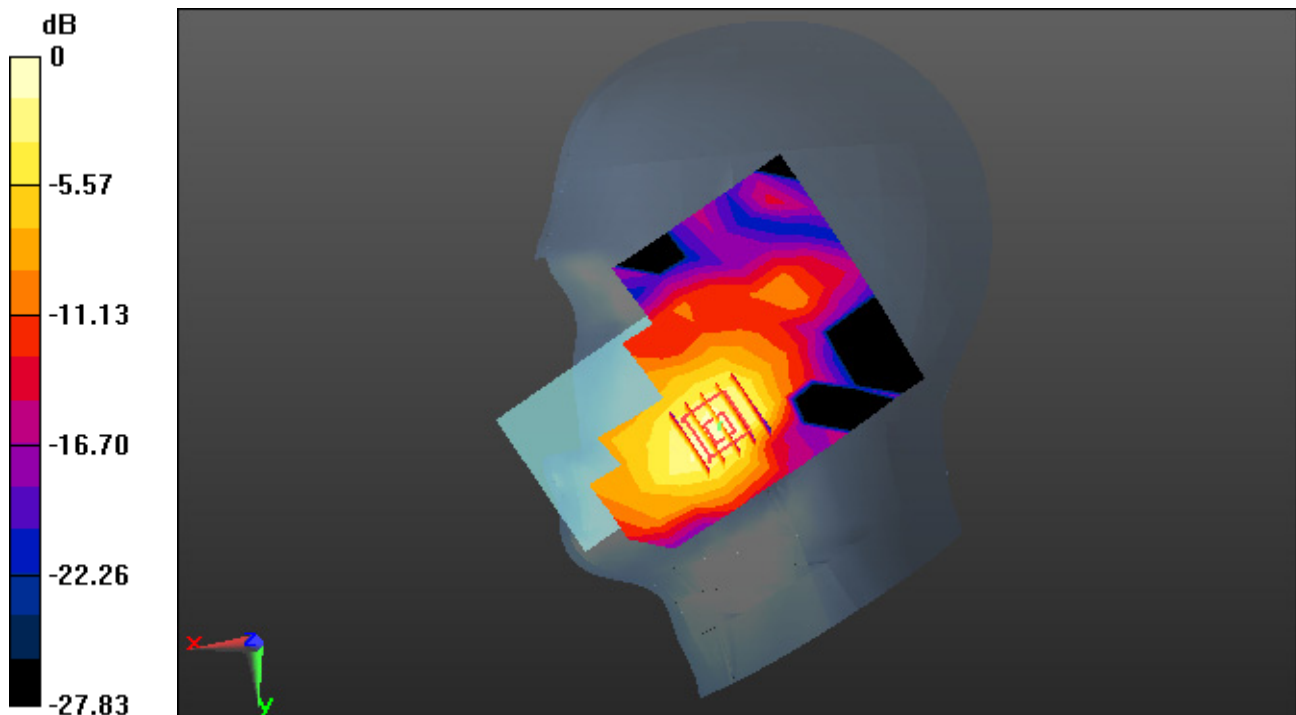
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.106 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, 1. W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.845 \text{ S/m}$; $\epsilon_r = 38.054$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2022-11-03; Ambient Temp: 21.7; Tissue Temp: 21.4

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

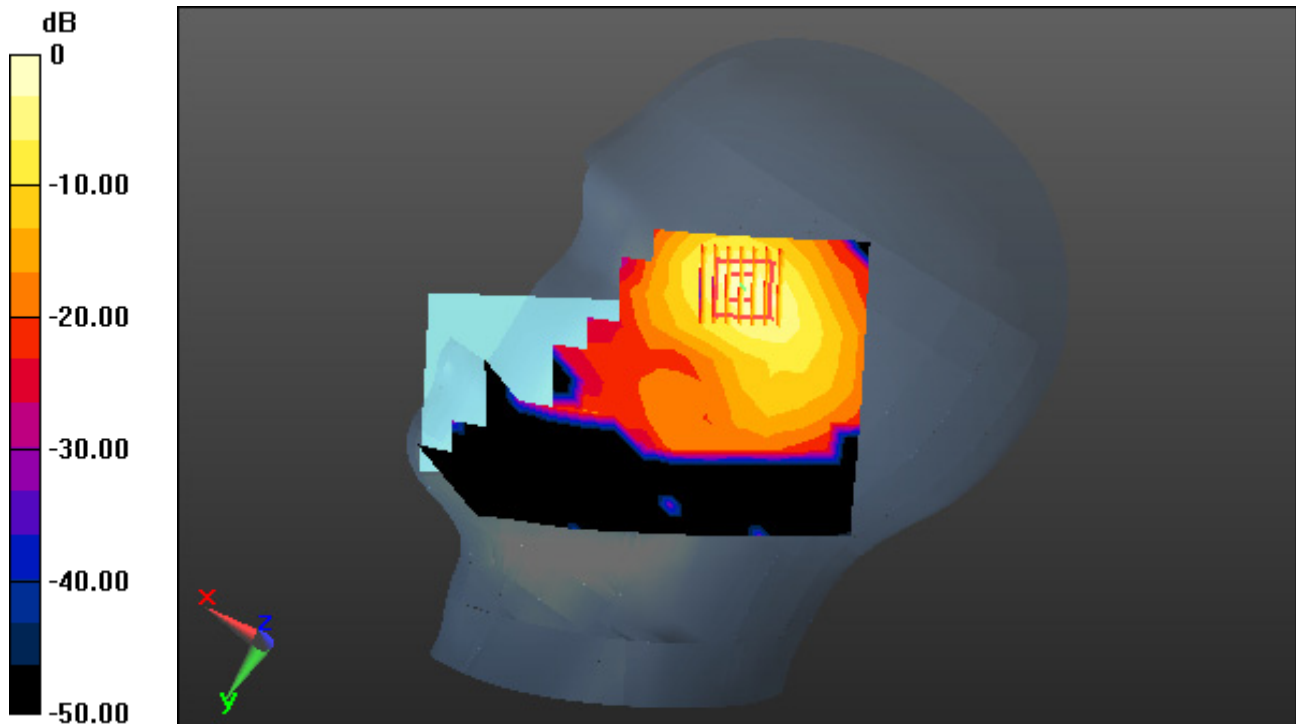
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.117 W/kg



0 dB = 0.433 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.678$ S/m; $\epsilon_r = 34.639$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2022-11-23; Ambient Temp: 20.1; Tissue Temp: 20.0

Right Touch, WLAN(802.11ac VHT80) Ch. 58, Ant Internal, Standard Battery

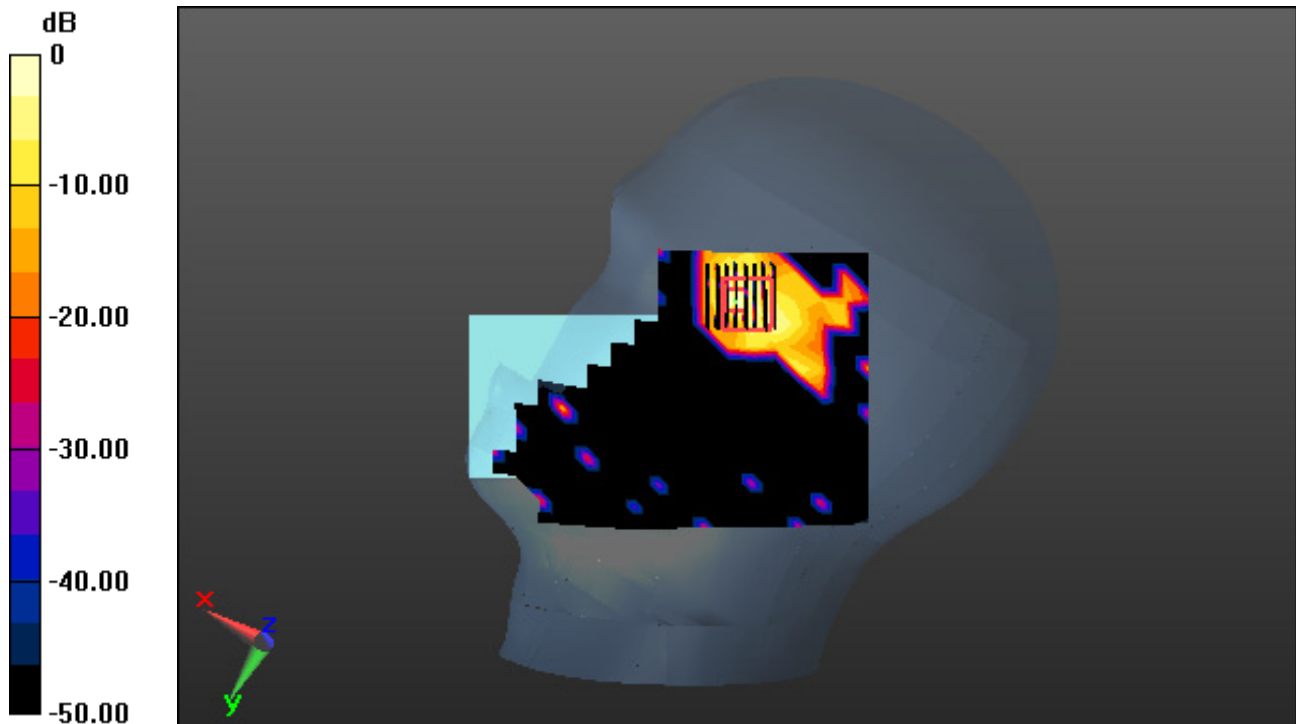
Area Scan (13x20x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00514 W/kg



0 dB = 0.0789 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610$ MHz; $\sigma = 5.21$ S/m; $\epsilon_r = 35.459$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.95, 4.95, 4.95); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2022-11-25; Ambient Temp: 20.5; Tissue Temp: 20.3

Right Touch, WLAN(802.11ac VHT80) Ch. 122, Ant Internal, Standard Battery

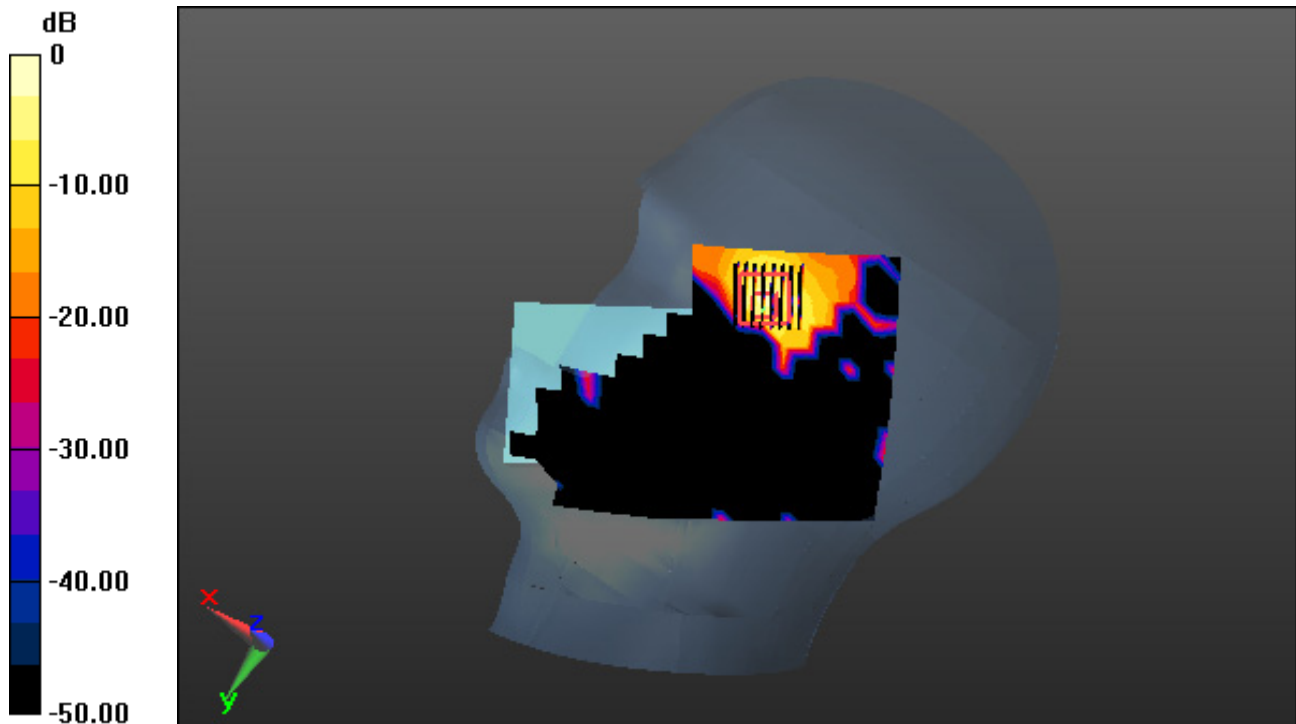
Area Scan (13x20x1): Measurement grid: dx=10mm, dy=10mm

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) = 0.411 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.262 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.85 \text{ S/m}$; $\epsilon_r = 38.041$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2022-11-03; Ambient Temp: 21.7; Tissue Temp: 21.4

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

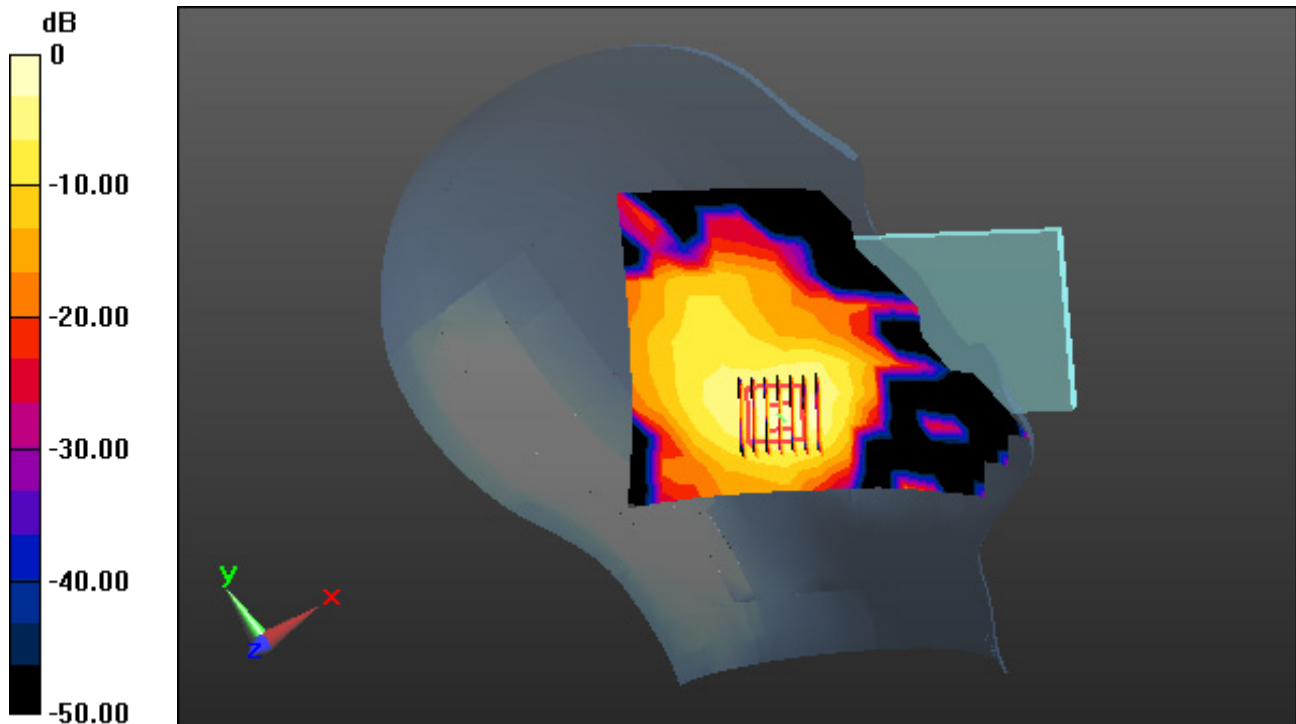
Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.022 W/kg



Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 40.99$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

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

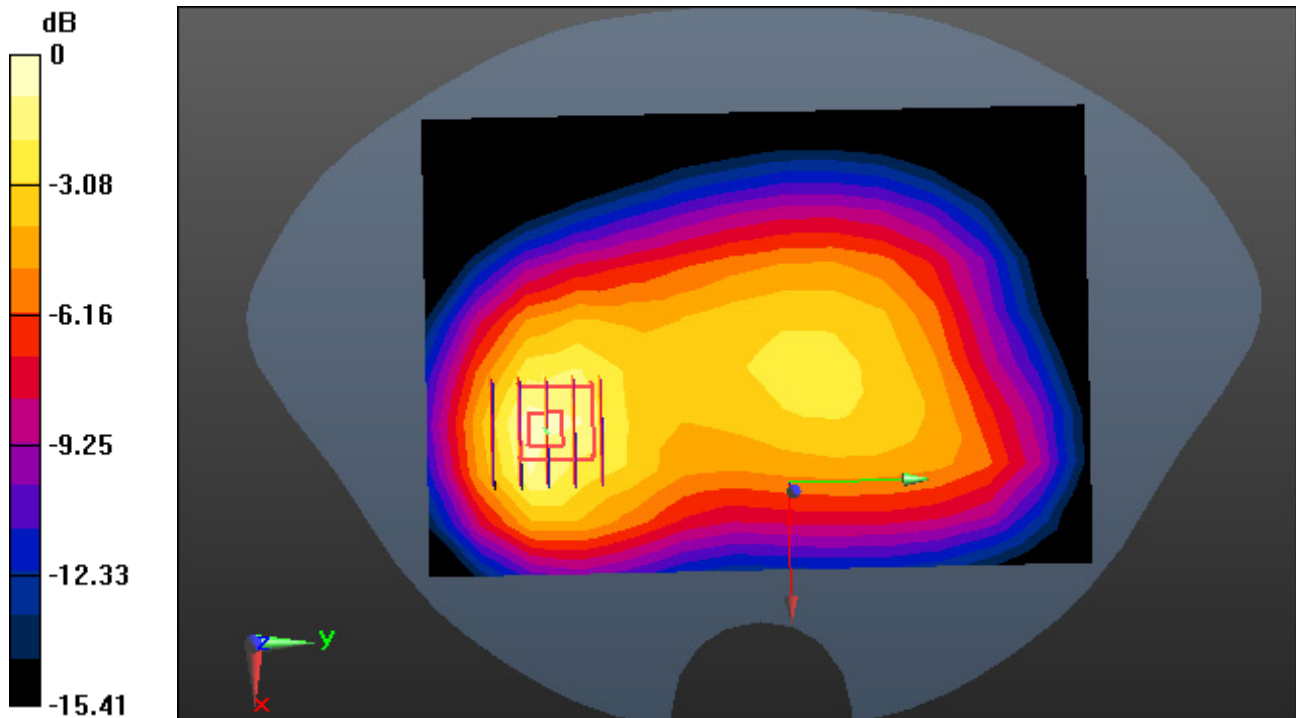
Area Scan (10x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.198 W/kg



0 dB = 0.443 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, GSM 850_12 (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 40.99$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

1 cm space from Body, Rear, GSM850 GPRS 4 Tx Ch. 190, Ant Internal

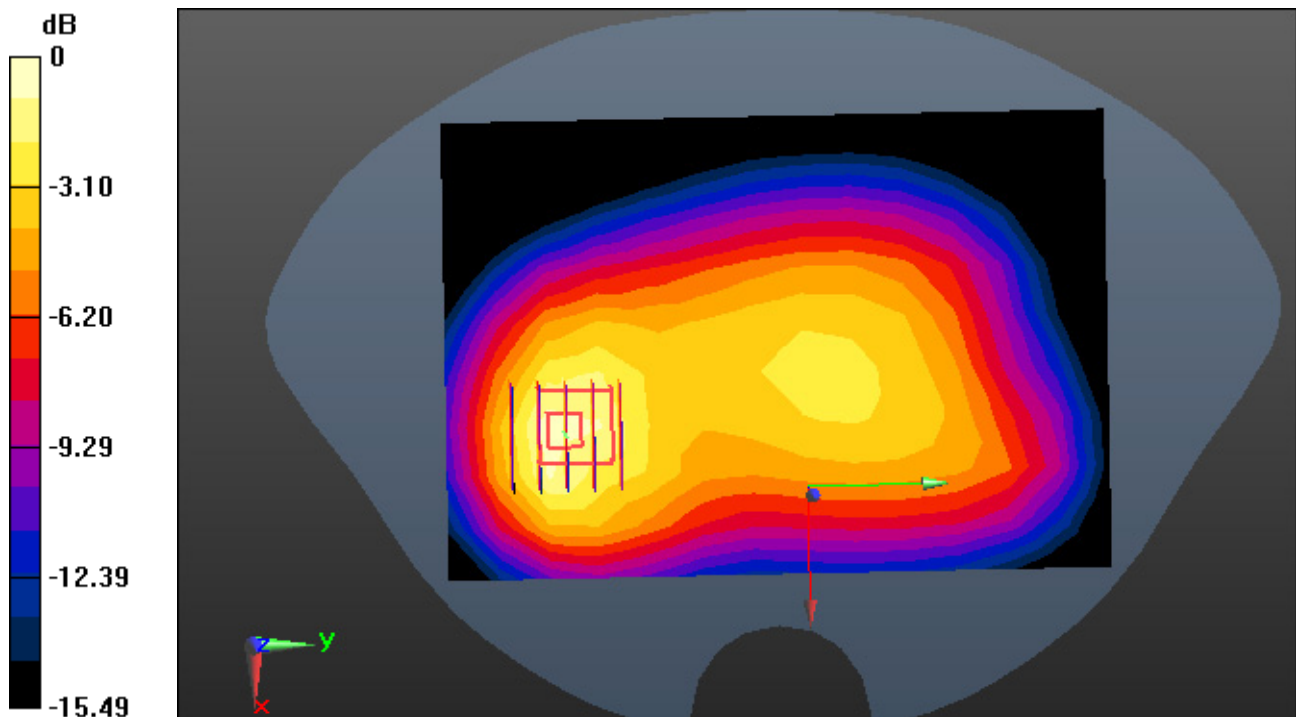
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.210 W/kg



0 dB = 0.472 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.266$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, PCS 1900 Ch. 661, Ant Internal

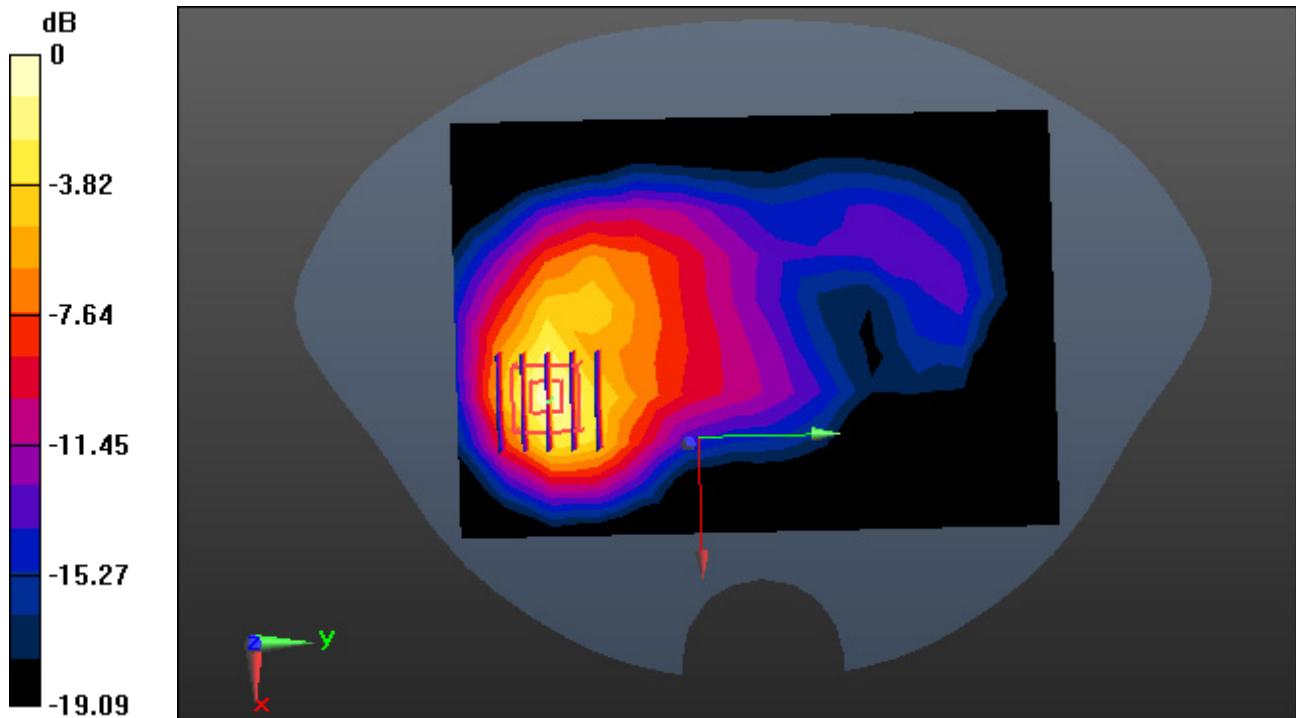
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.209 W/kg



0 dB = 0.567 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, PCS1900_Class 12 (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.266$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

1 cm space from Body, Rear, PCS 1900 GPRS 4 Tx Ch. 661, Ant Internal

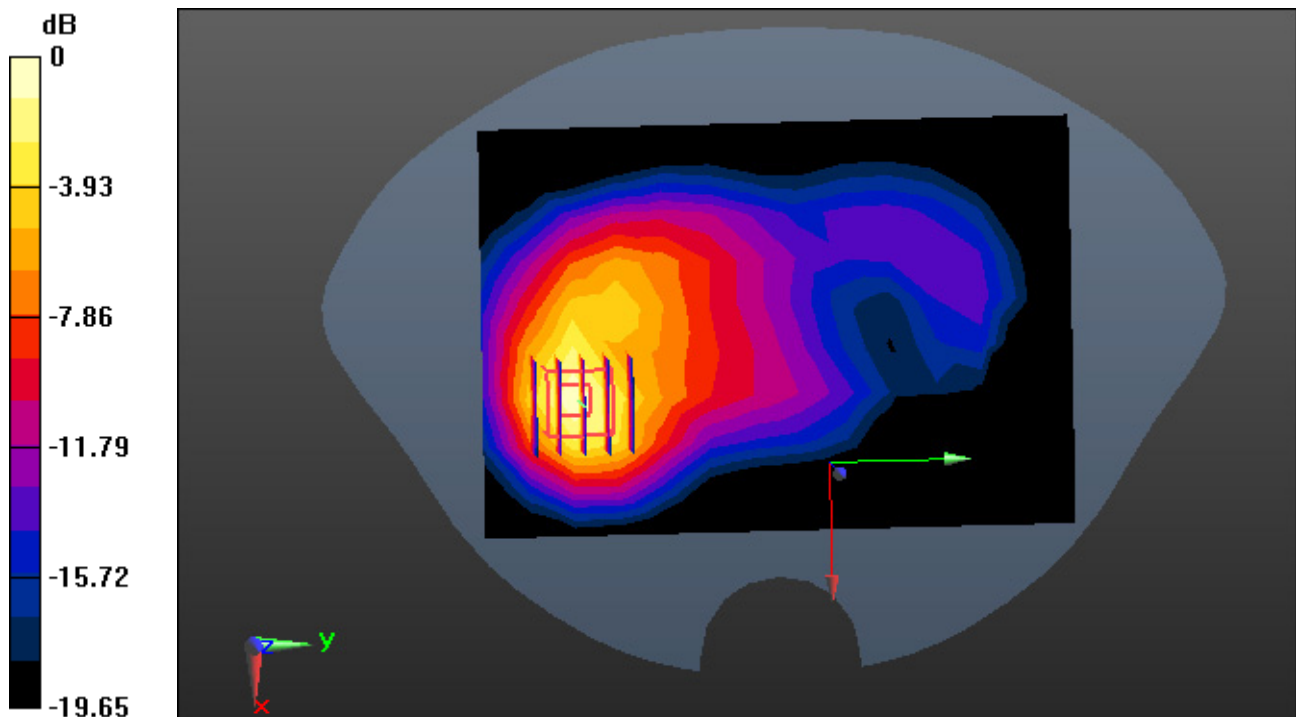
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.747 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.213 W/kg



0 dB = 0.581 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 40.99$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-07; Ambient Temp: 20.2; Tissue Temp: 20.1

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

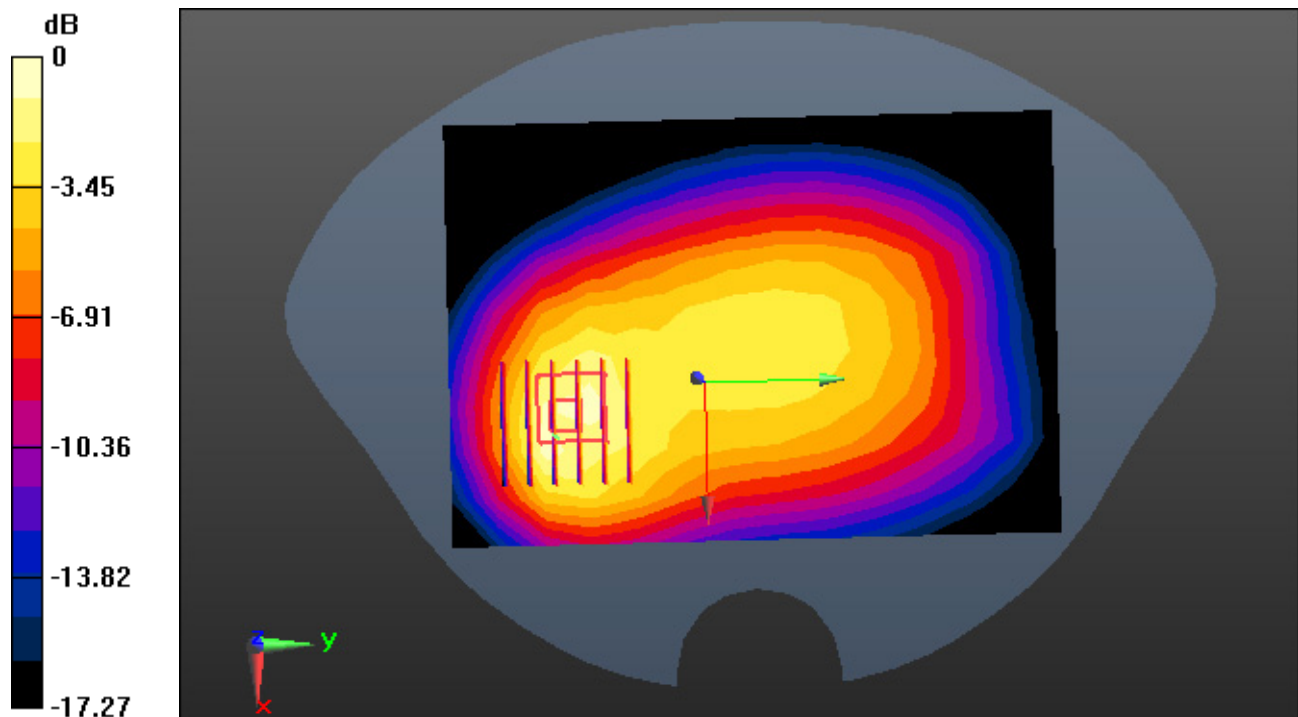
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.196 W/kg



0 dB = 0.439 W/kg

Dt&C Co., Ltd.

DUT: EB1147; 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; $\sigma = 1.331$ S/m; $\epsilon_r = 40.422$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-11; Ambient Temp: 21.3; Tissue Temp: 21.2

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

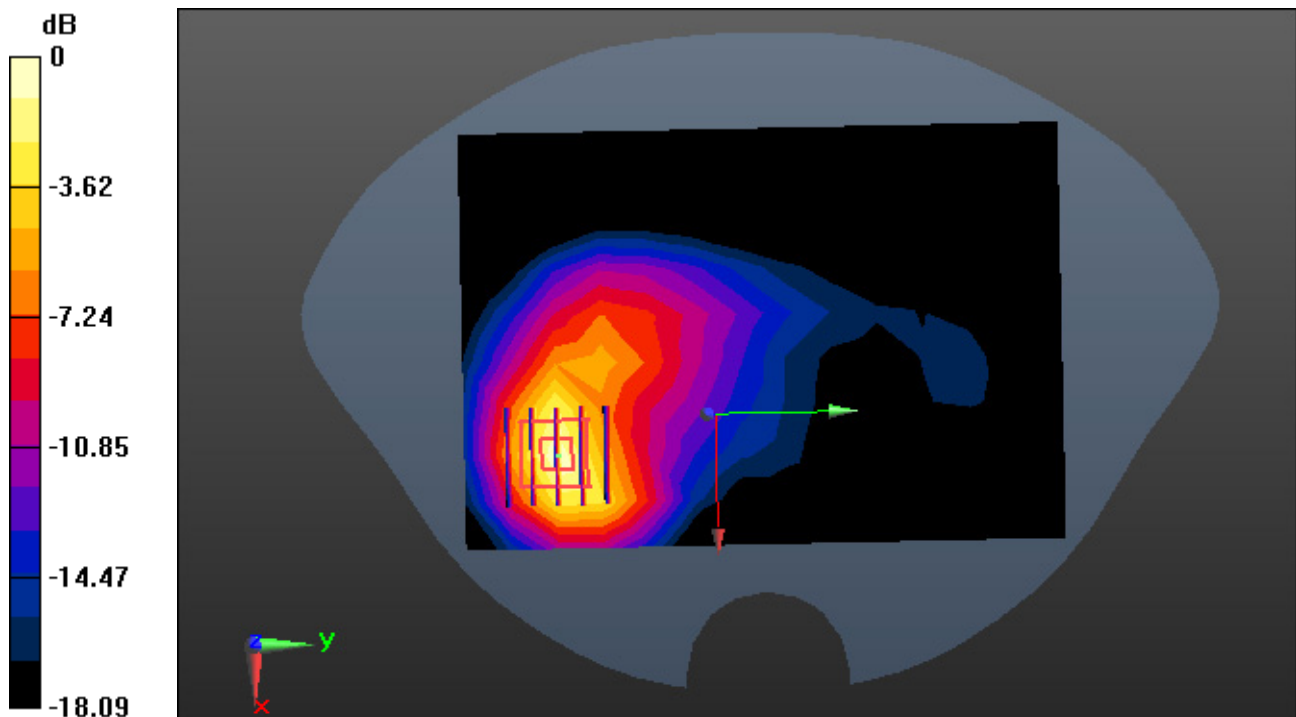
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.341 W/kg



0 dB = 0.928 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.266$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-10; Ambient Temp: 20.9; Tissue Temp: 20.8

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

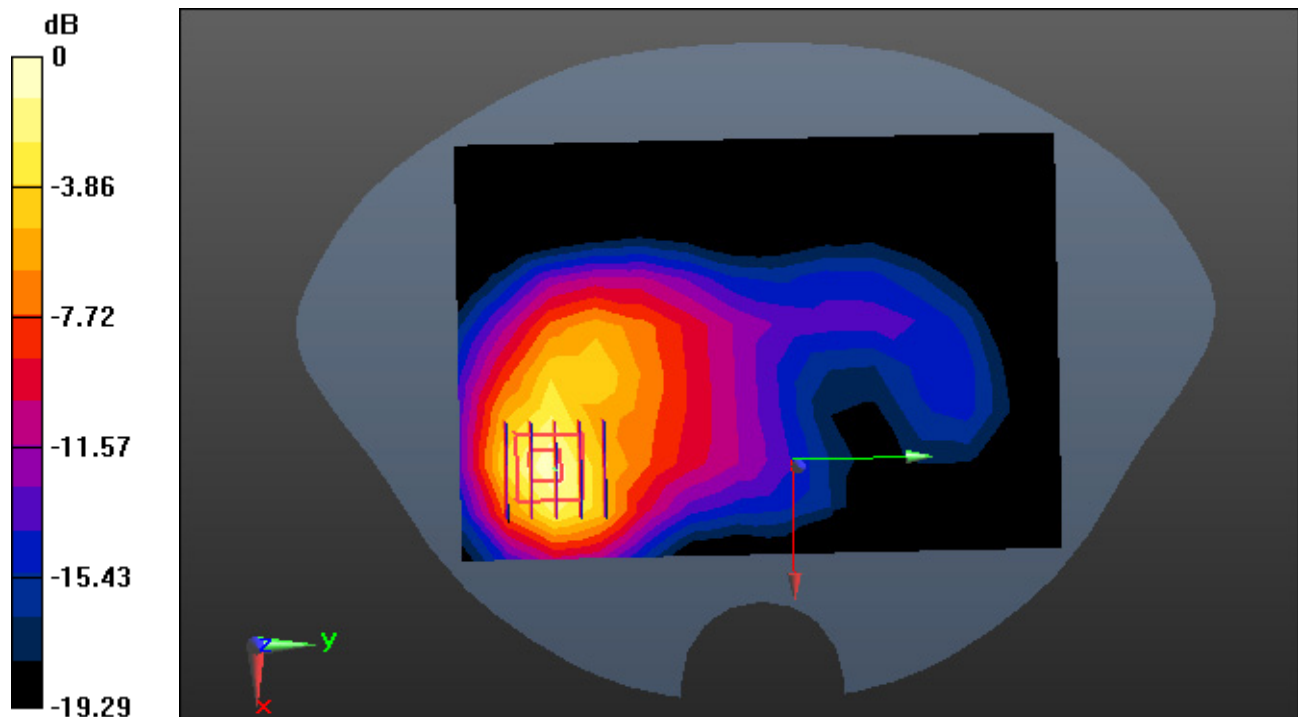
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.344 W/kg



0 dB = 0.925 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 43.09$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.74, 9.74, 9.74); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-09; Ambient Temp: 21.7; Tissue Temp: 21.6

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

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

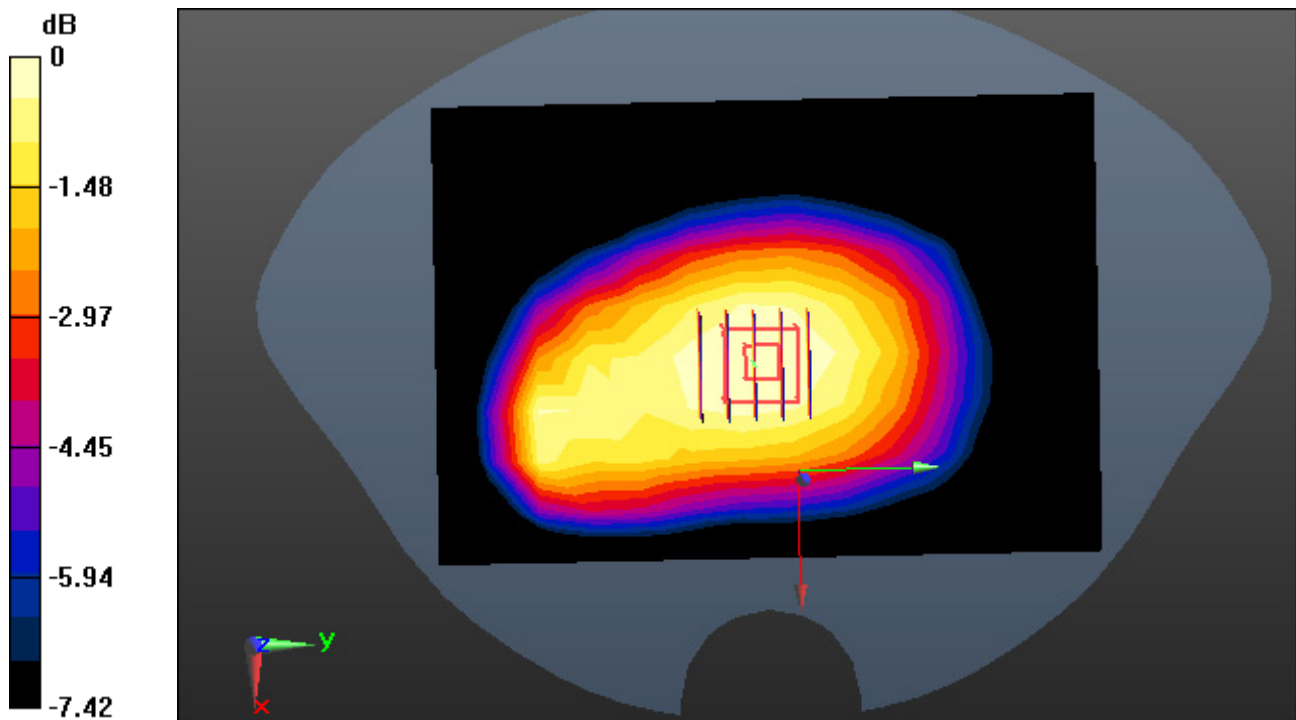
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0590 W/kg

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



0 dB = 0.0532 W/kg

Dt&C Co., Ltd.

DUT: EB1147; 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; $\sigma = 0.918$ S/m; $\epsilon_r = 41.701$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(9.36, 9.36, 9.36); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-08; Ambient Temp: 20.3; Tissue Temp: 20.2

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

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

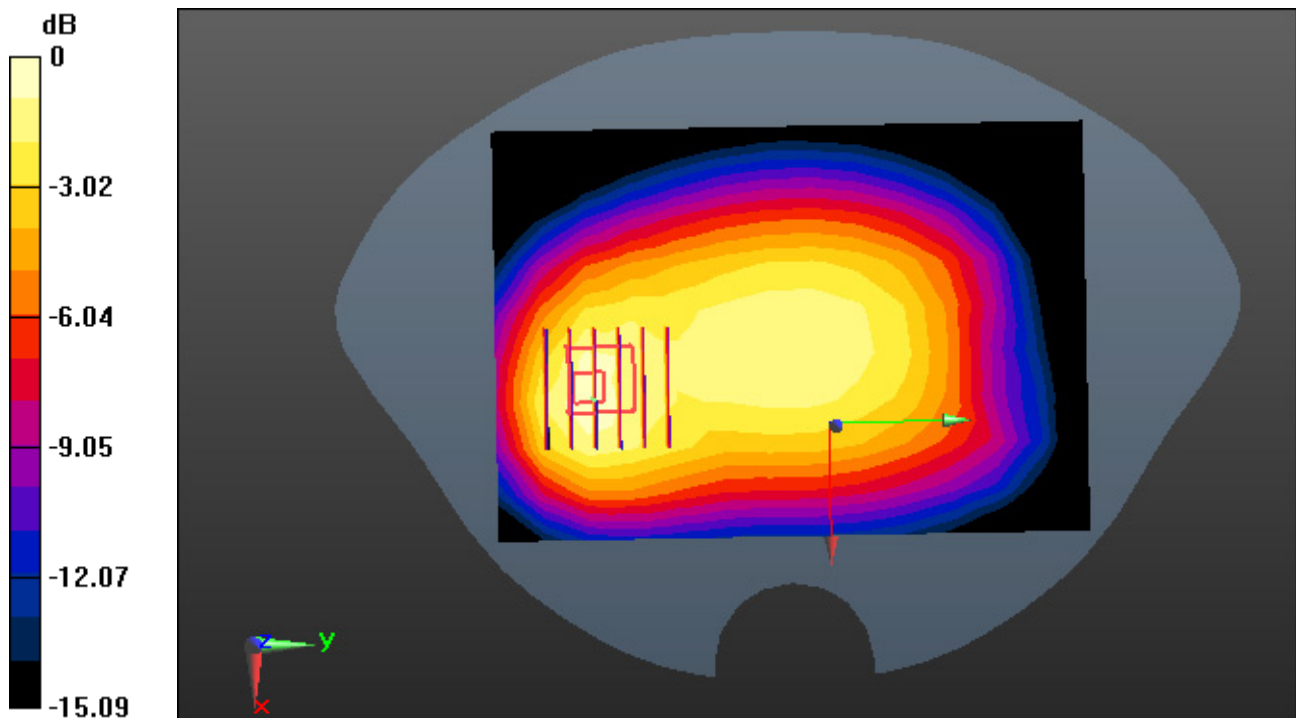
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.414 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.149 W/kg



0 dB = 0.312 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.331$ S/m; $\epsilon_r = 40.421$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(8.01, 8.01, 8.01); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-11; Ambient Temp: 21.3; Tissue Temp: 21.2

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

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

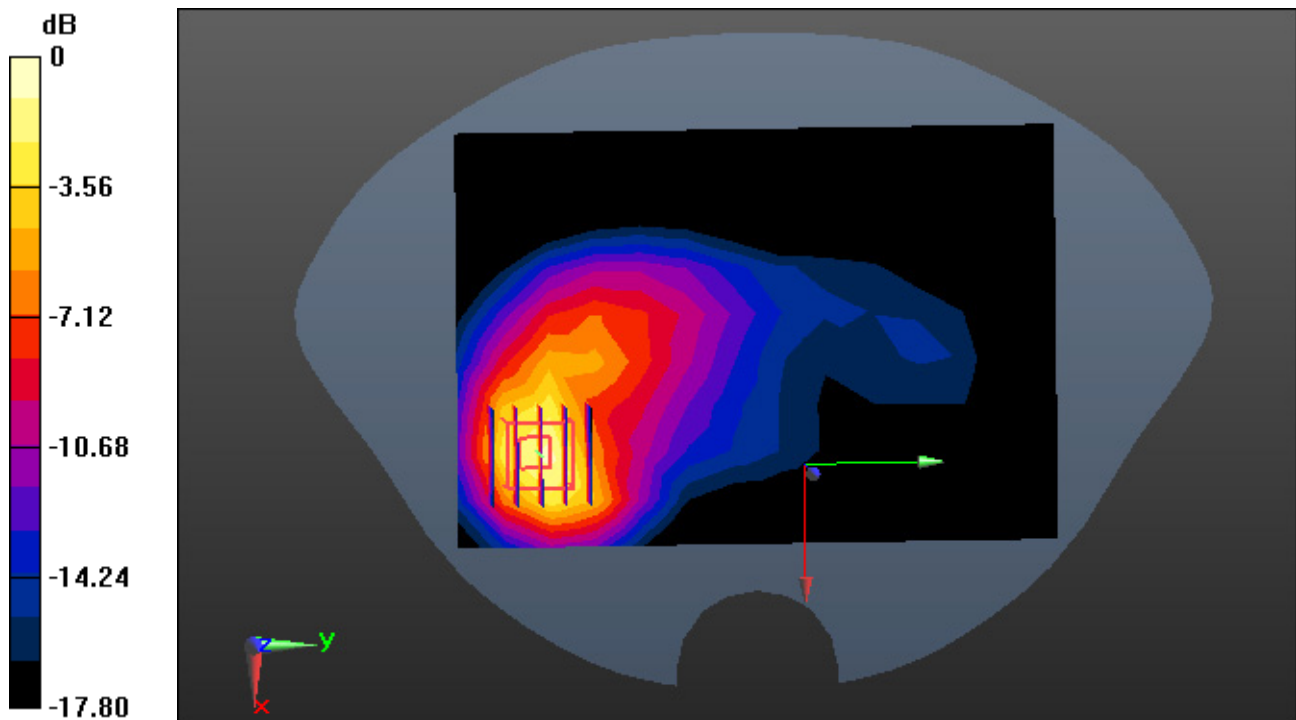
Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.400 W/kg



0 dB = 1.10 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.373 \text{ S/m}$; $\epsilon_r = 40.541$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.73, 7.73, 7.73); Calibrated: 4/29/2022 Electronics: DAE4 Sn1453

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM with CRP_2013_10_08_right; Type: QD000P40CD; Serial: TP:1785

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

Test Date: 2022-11-14; Ambient Temp: 20.1; Tissue Temp: 20.0

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

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

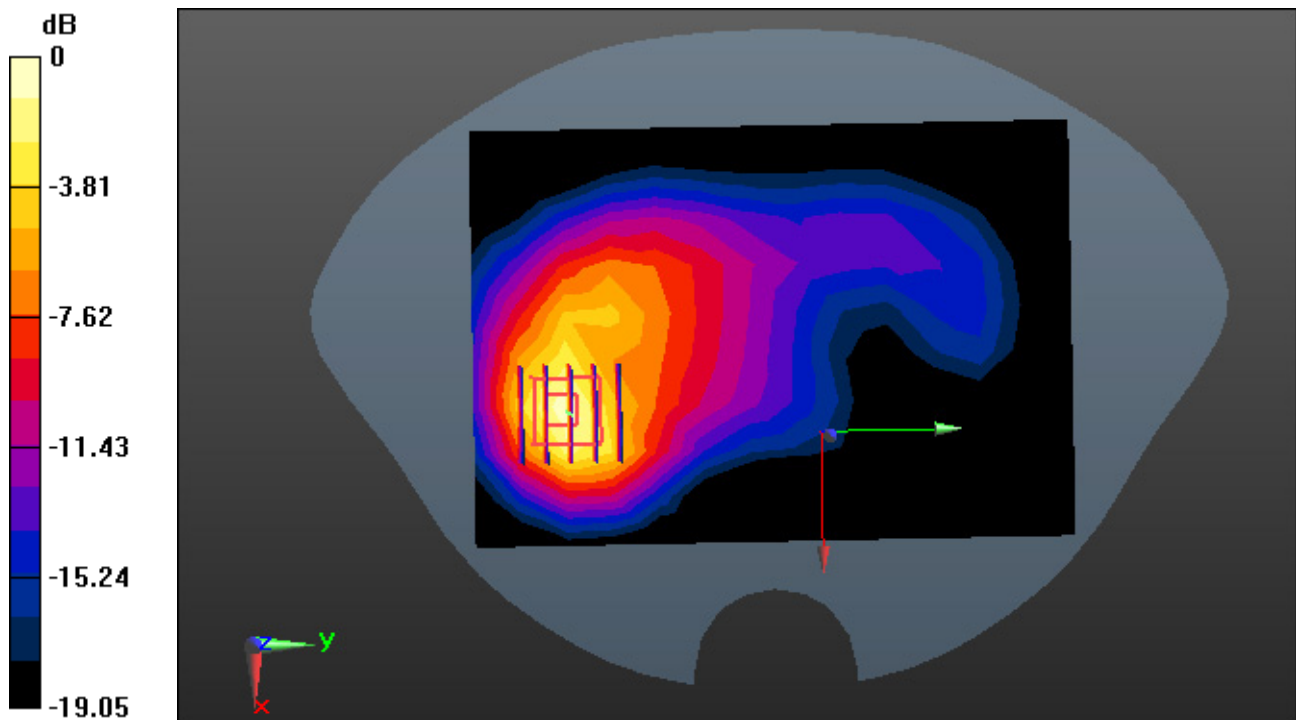
Area Scan (10x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.379 W/kg



0 dB = 1.05 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, 1. W-LAN 2.4G(802.11b/g/n20, 40) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.845 \text{ S/m}$; $\epsilon_r = 38.054$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2022-11-03; Ambient Temp: 21.7; Tissue Temp: 21.4

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

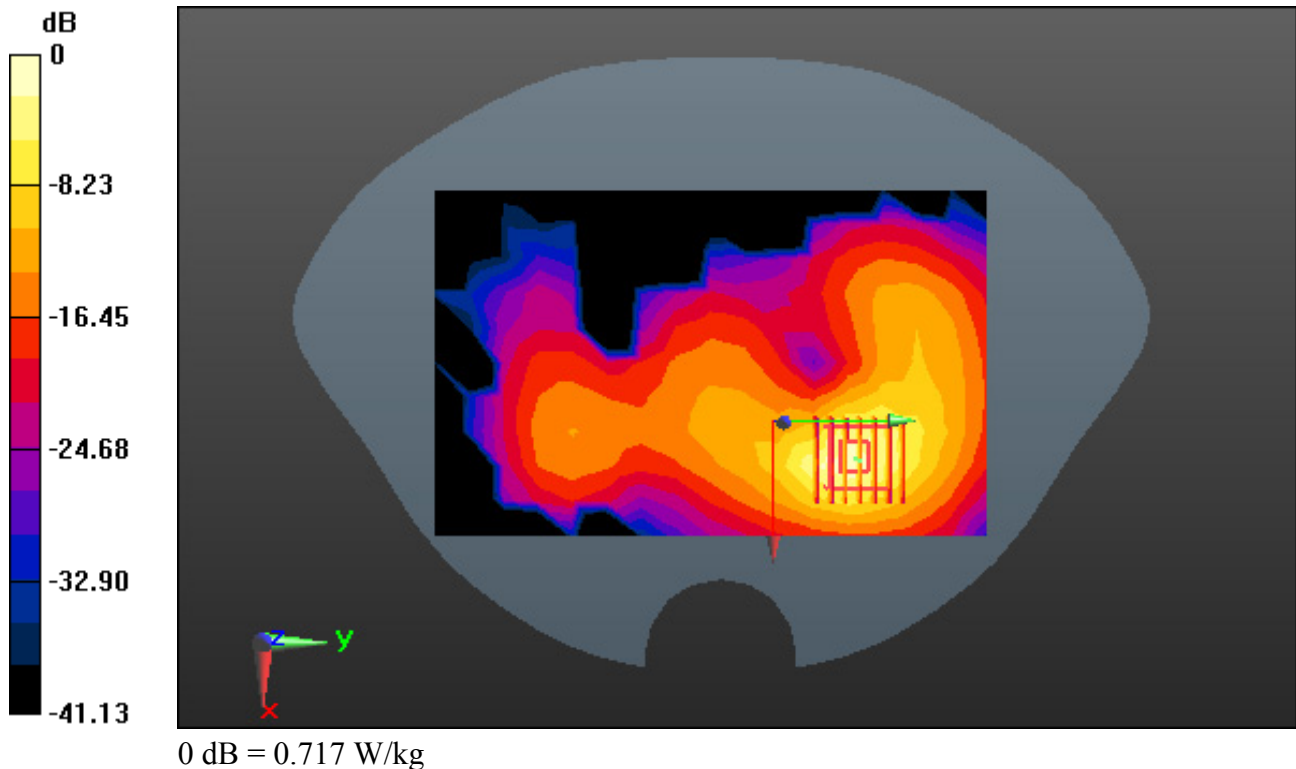
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.199 W/kg



Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.678 \text{ S/m}$; $\epsilon_r = 34.639$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2022-11-23; Ambient Temp: 20.1; Tissue Temp: 20.0

1 cm from Body, Rear, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal

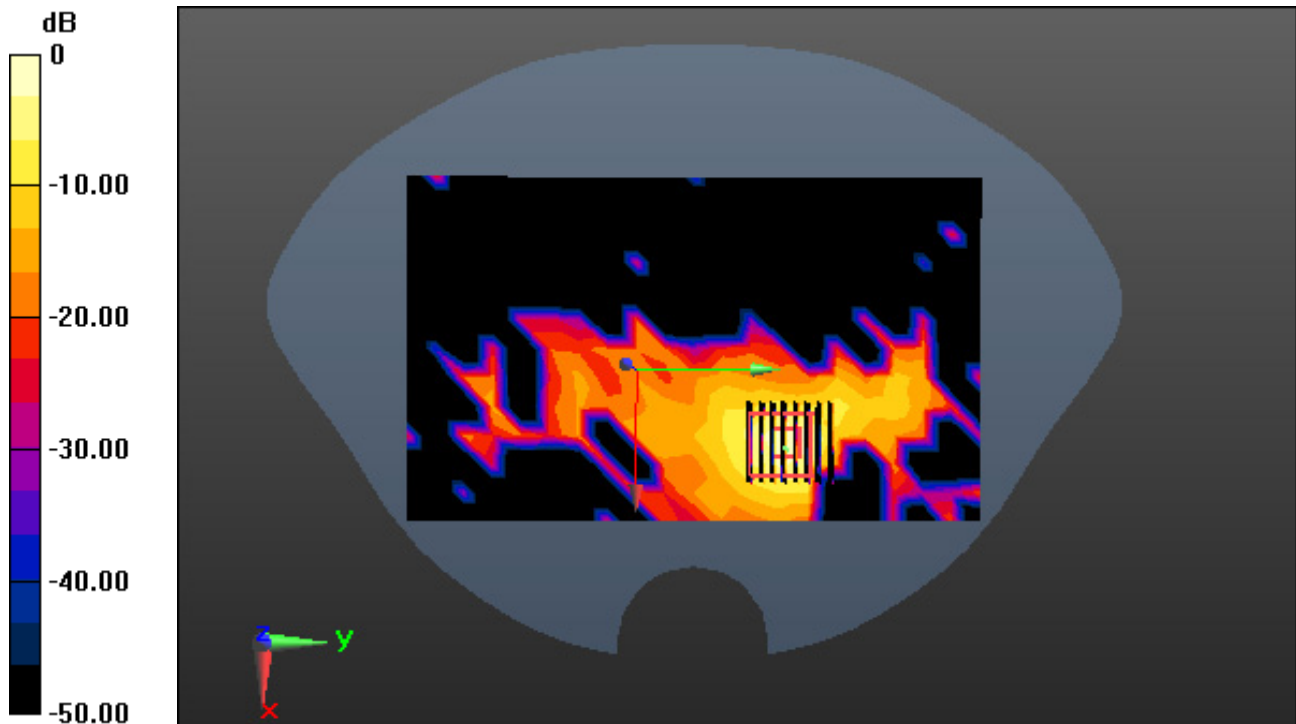
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.022 W/kg



Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.21 \text{ S/m}$; $\epsilon_r = 35.459$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.95, 4.95, 4.95); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2022-11-25; Ambient Temp: 20.5; Tissue Temp: 20.3

1 cm from Body, Rear, W-LAN(802.11ac VHT80) Ch. 122, Ant Internal

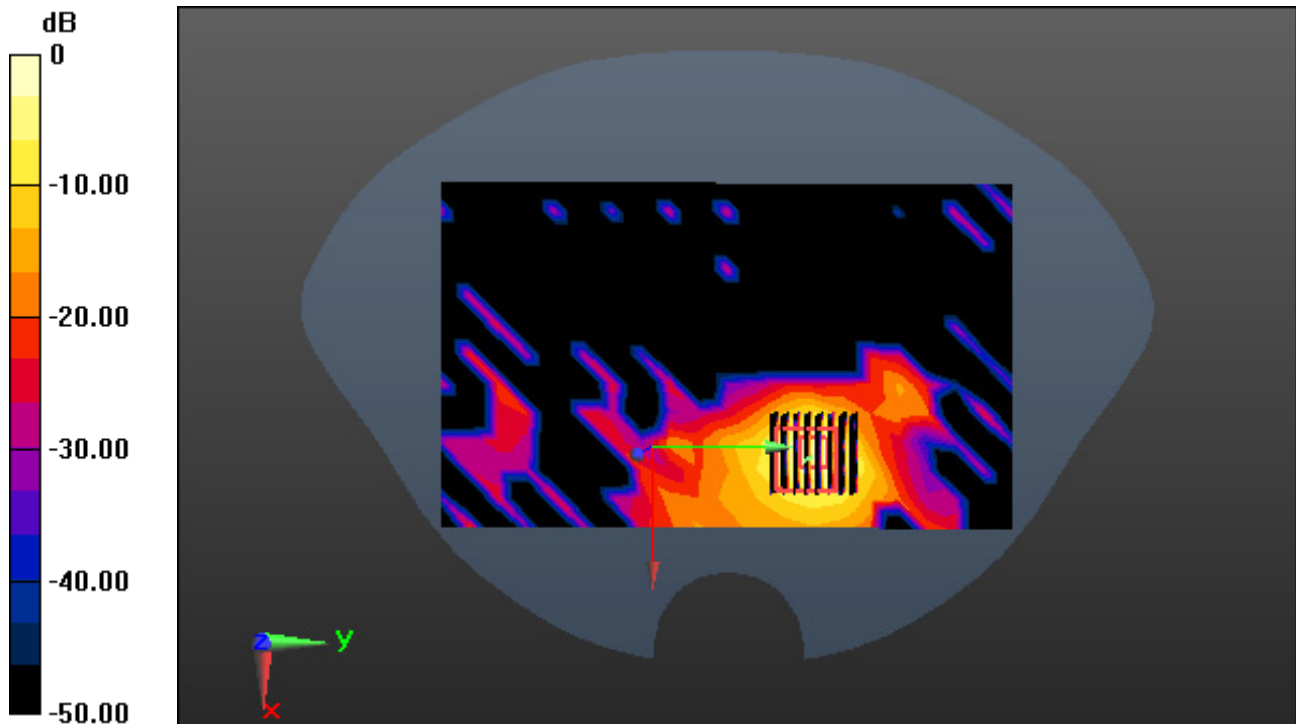
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.517 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.85 \text{ S/m}$; $\epsilon_r = 38.041$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(7.78, 7.78, 7.78); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2022-03-18; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2022-11-03; Ambient Temp: 21.7; Tissue Temp: 21.4

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

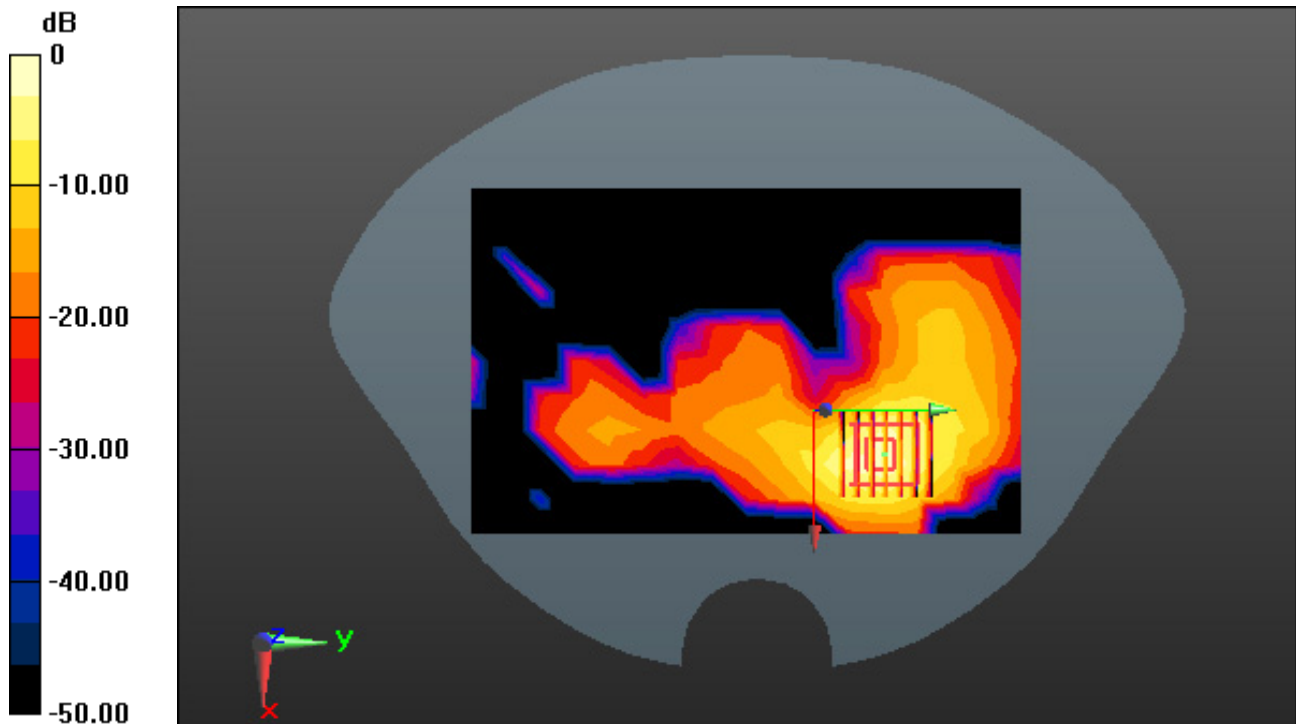
Area Scan (11x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.032 W/kg



0 dB = 0.176 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, W-LAN 5.3G(802.11a/n/ac) (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.678$ S/m; $\epsilon_r = 34.639$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(5.41, 5.41, 5.41); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2022-11-23; Ambient Temp: 20.1; Tissue Temp: 20.0

Touch from Body, Rear, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal

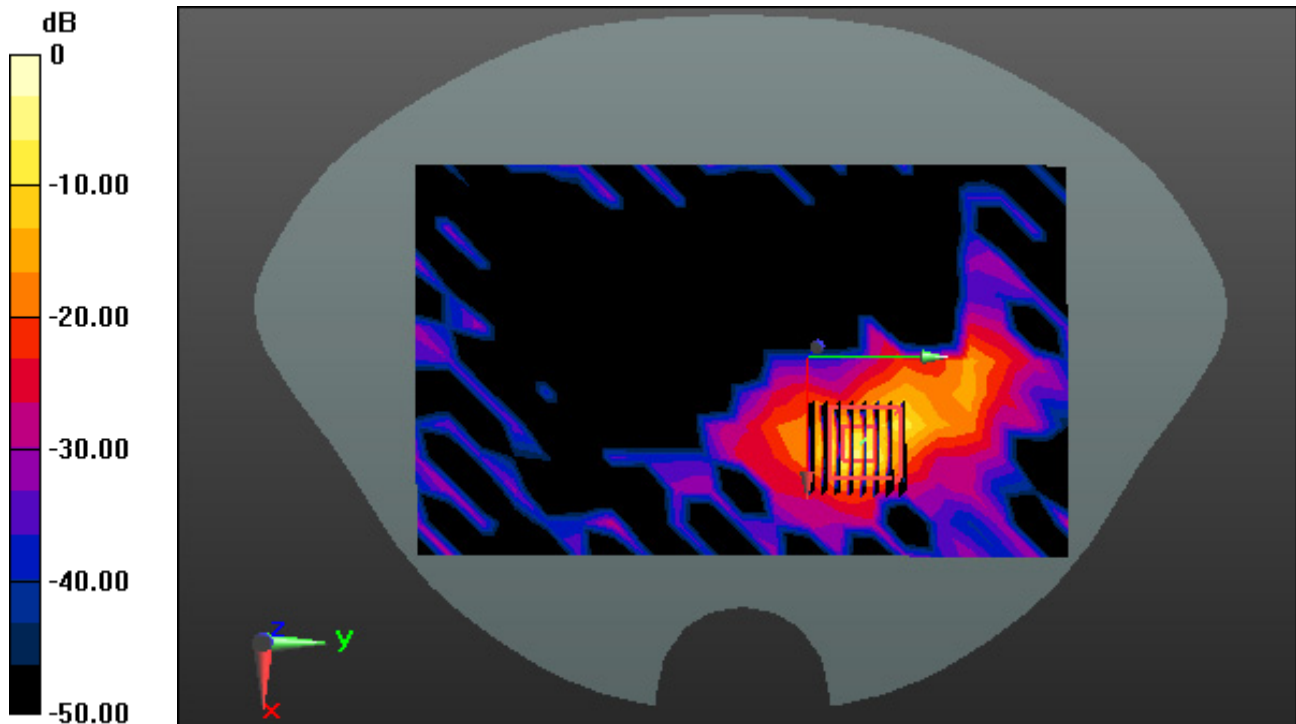
Area Scan (13x21x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.57 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.155 W/kg



0 dB = 3.09 W/kg

Dt&C Co., Ltd.

DUT: EB1147; Type: Bar

Communication System: UID 0, W-LAN 5.6G(802.11a/n/ac) (0); Frequency: 5610 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.21 \text{ S/m}$; $\epsilon_r = 35.459$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3930; ConvF(4.95, 4.95, 4.95); Calibrated: 7/25/2022 Electronics: DAE4 Sn1394

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: SAM-twin middle_2013_09_24; Type: QD000P40CD; Serial: 1782

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

Test Date: 2022-11-25; Ambient Temp: 20.5; Tissue Temp: 20.3

Touch from Body, Rear, W-LAN(802.11ac VHT80) Ch. 122, Ant Internal

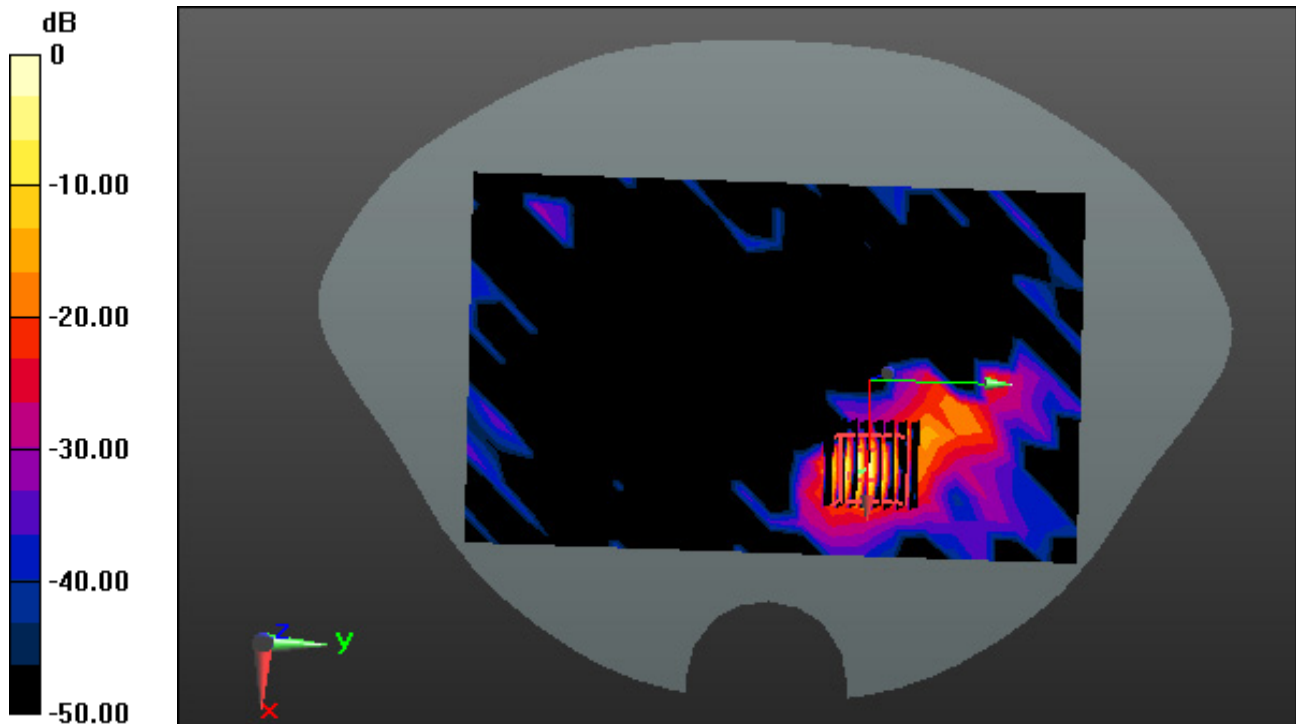
Area Scan (13x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 0.392 W/kg



0 dB = 6.46 W/kg