

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d047

Communication System: UID 0, CW; Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 39.379$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520
Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

1800 MHz System Verification (100 mW)

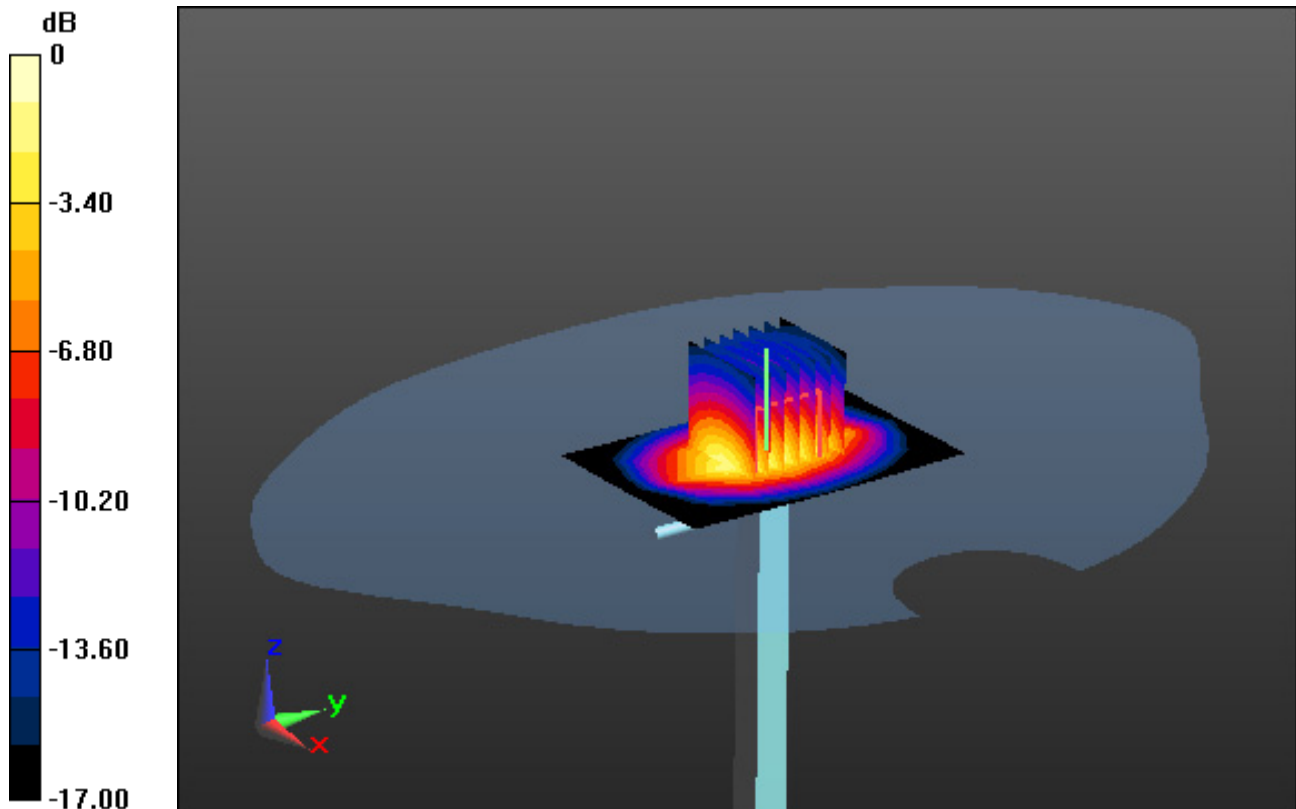
Area Scan (5x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.62 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.93 W/kg



0 dB = 5.17 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 40.199$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-21; Ambient Temp: 21.6; Tissue Temp: 21.5

1900 MHz System Verification (100 mW)

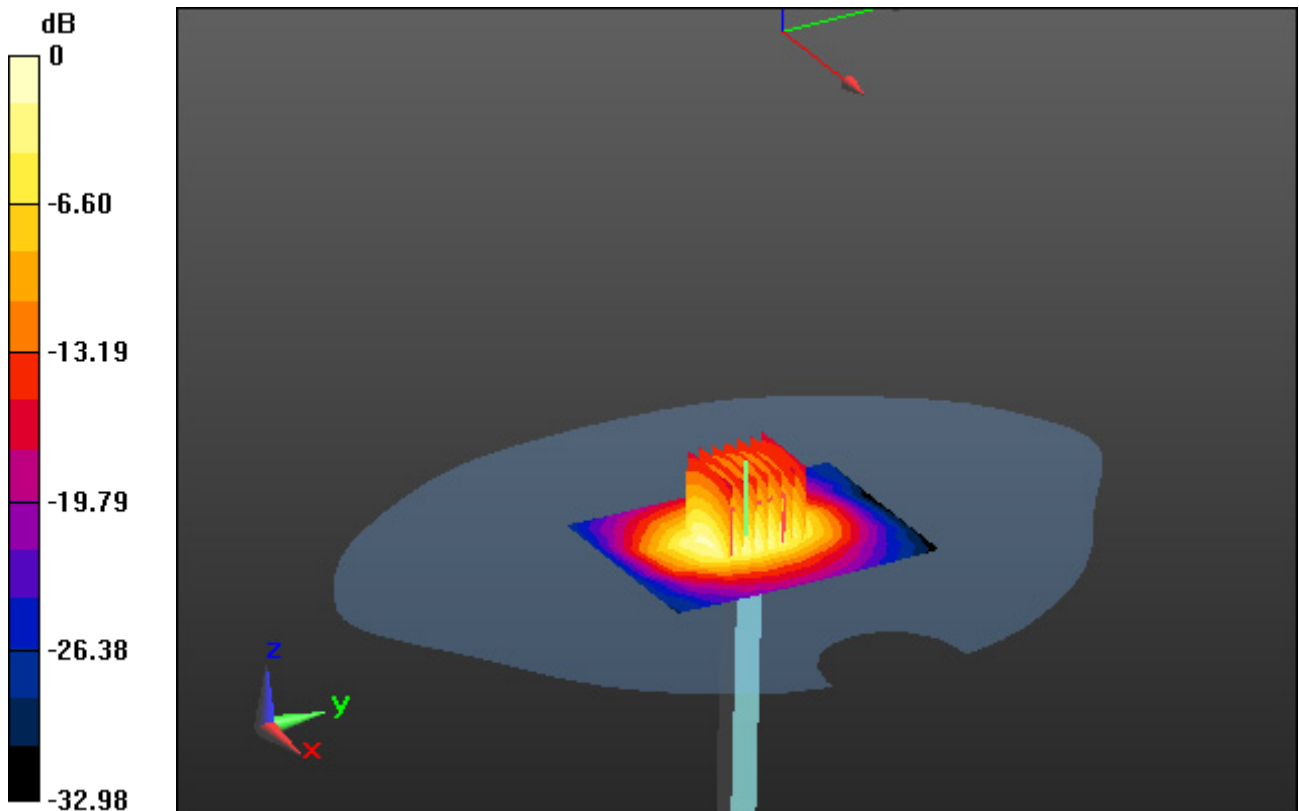
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.03 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.16 W/kg



0 dB = 5.19 W/kg

DT&C Co., Ltd.

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 40.539$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

1900 MHz System Verification (100 mW)

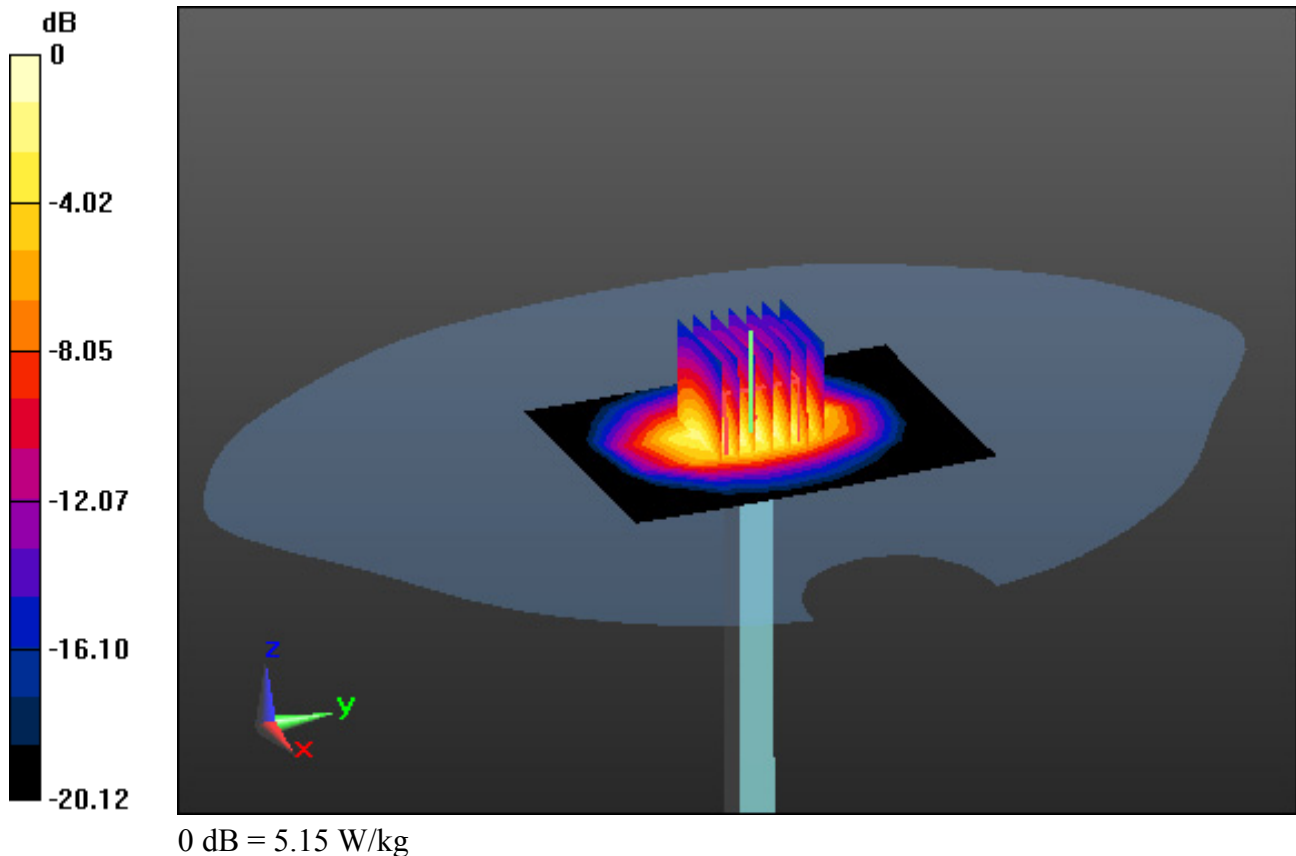
Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.95 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 2.12 W/kg



DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 40.334$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

2450 MHz System Verification (100 mW)

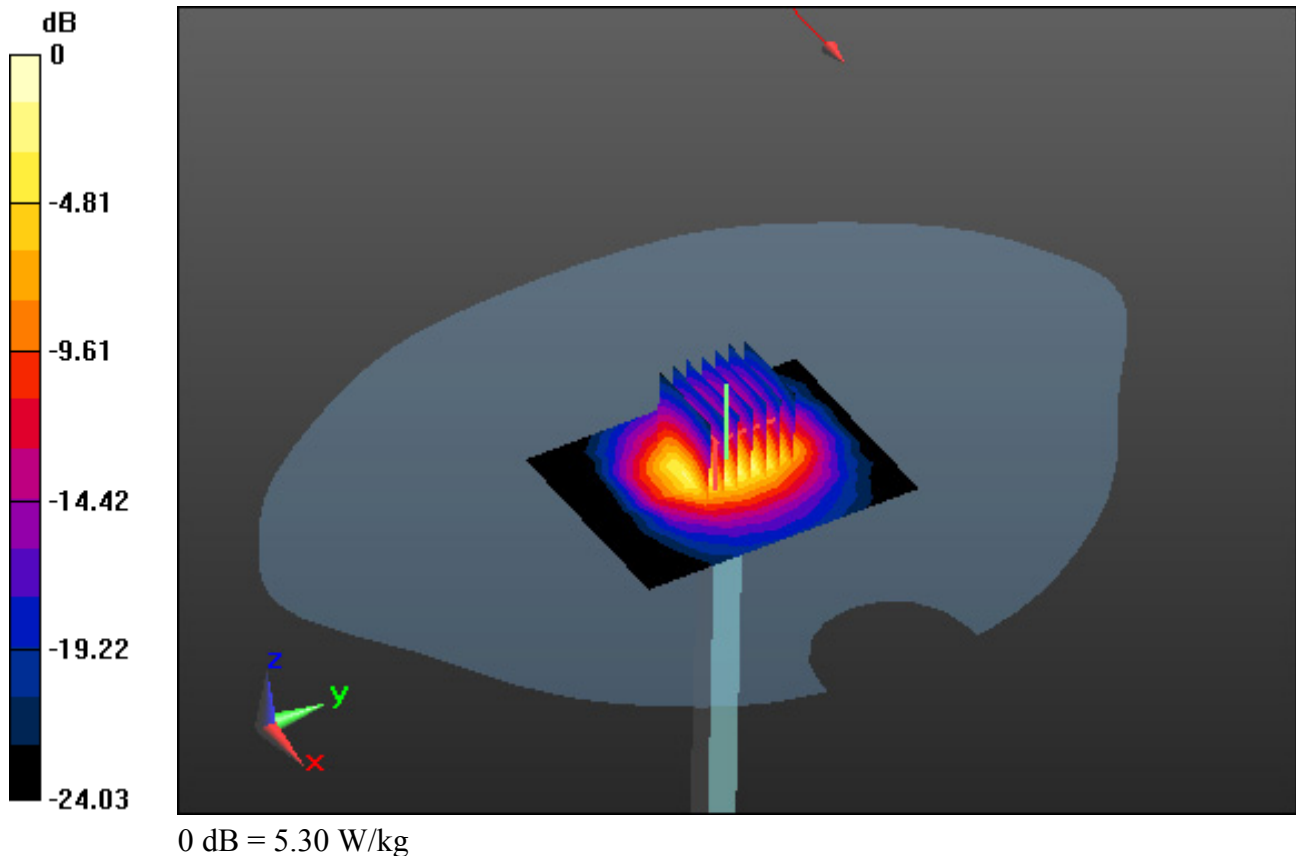
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.36 W/kg

SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.57 W/kg



DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.887$ S/m; $\epsilon_r = 35.744$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
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: 2021-10-19; Ambient Temp: 20.3; Tissue Temp: 20.2

5300 MHz System Verification (100 mW)

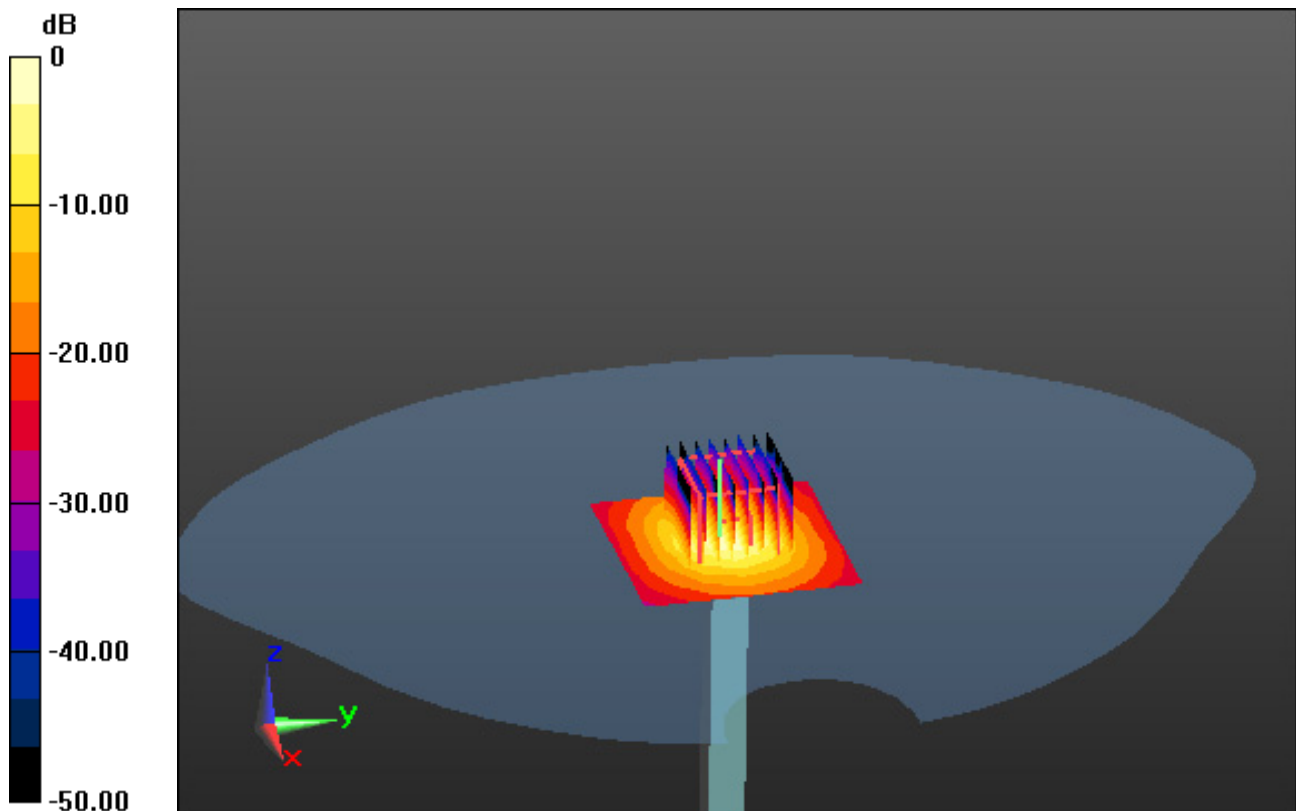
Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 34.8 W/kg

SAR(1 g) = 8.59 W/kg; SAR(10 g) = 2.47 W/kg



0 dB = 20.3 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 35.017$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
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: 2021-10-20; Ambient Temp: 20.3; Tissue Temp: 20.2

5600 MHz System Verification (100 mW)

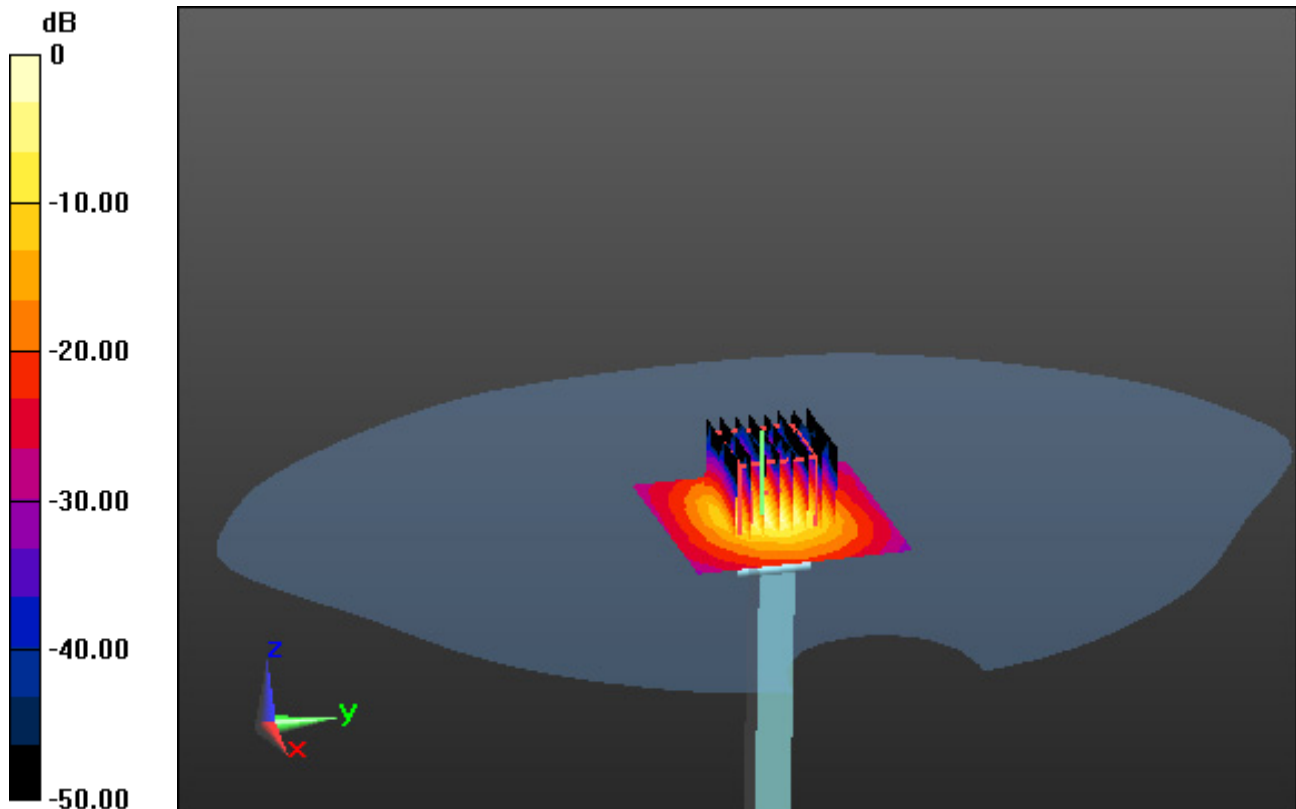
Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.19 dB

Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 8.58 W/kg; SAR(10 g) = 2.42 W/kg



0 dB = 21.0 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.377$ S/m; $\epsilon_r = 34.662$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
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: 2021-10-21; Ambient Temp: 20.8; Tissue Temp: 20.7

5800 MHz System Verification (100 mW)

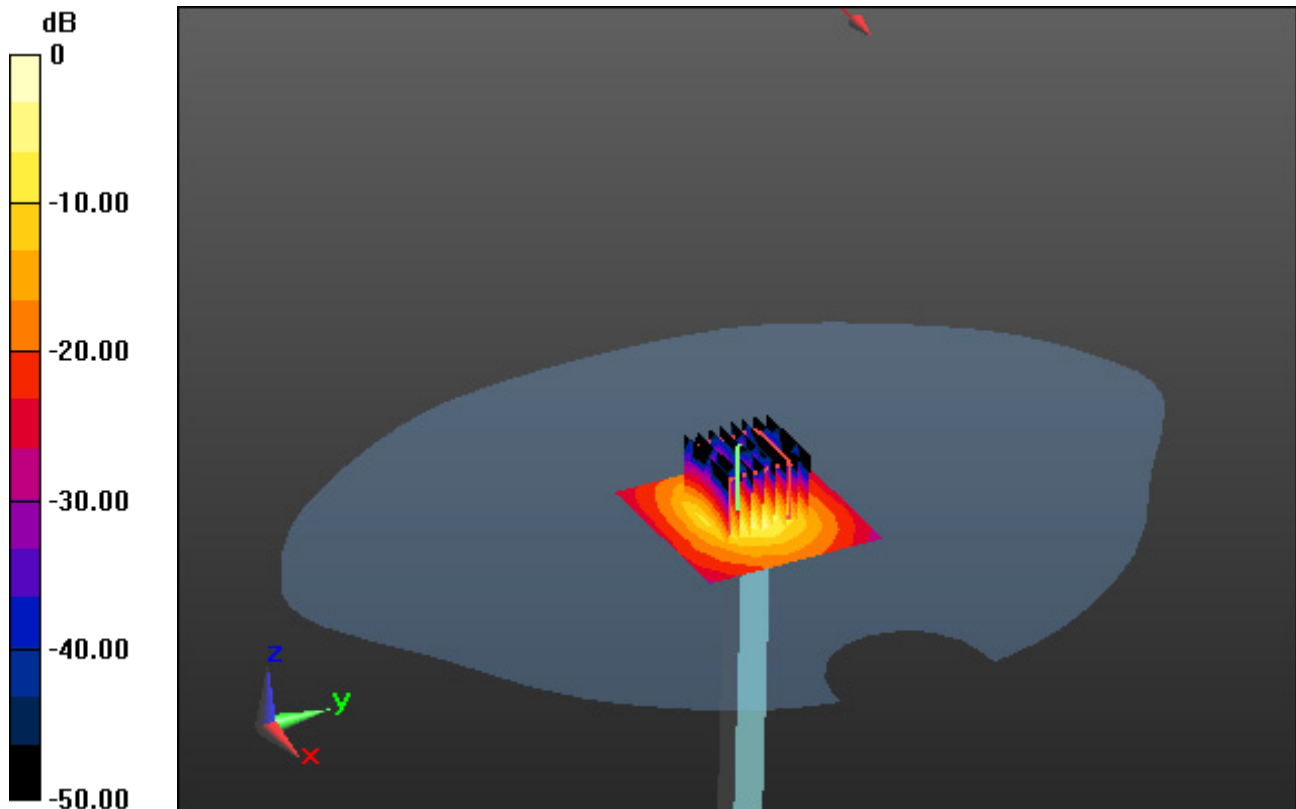
Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

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) = 36.9 W/kg

SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 21.1 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.308$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-21; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery

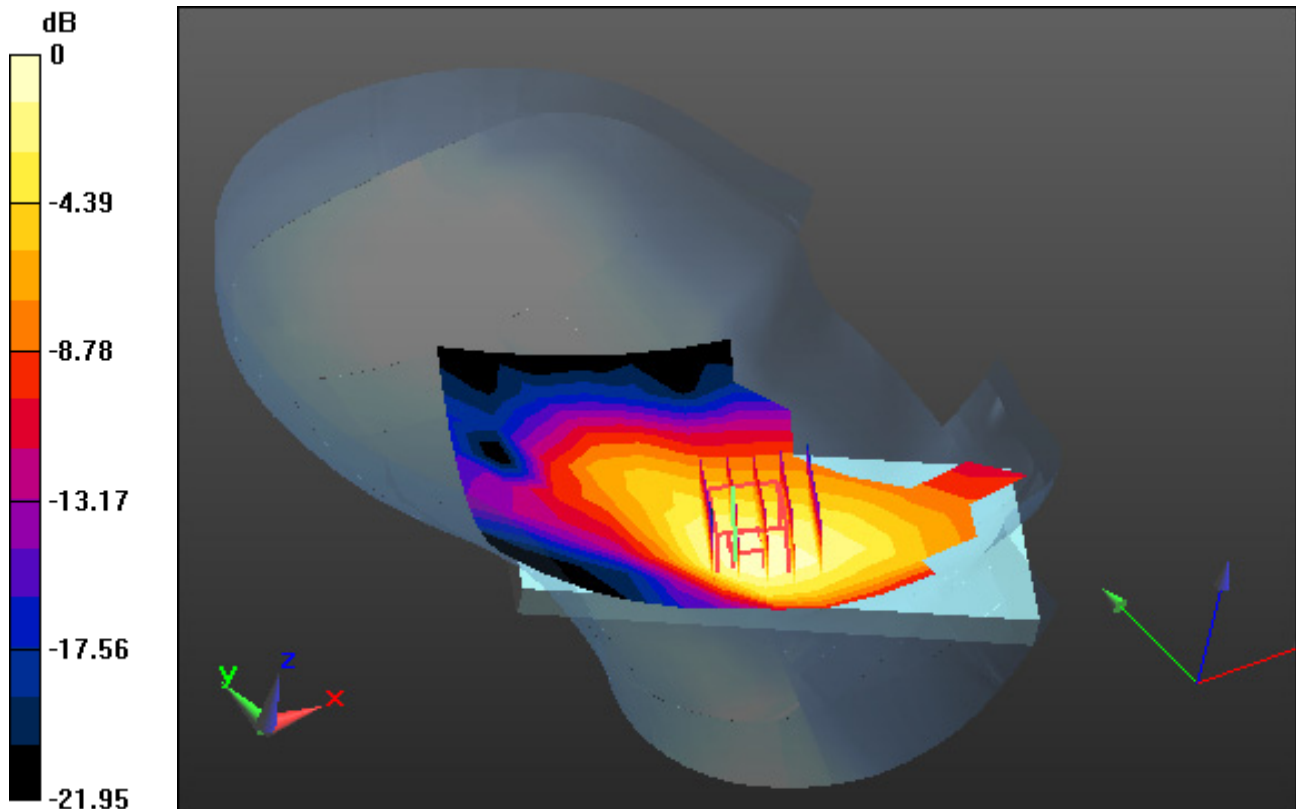
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.058 W/kg



0 dB = 0.112 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.308$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-21; Ambient Temp: 21.6; Tissue Temp: 21.5

Left Touch, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal, Standard Battery

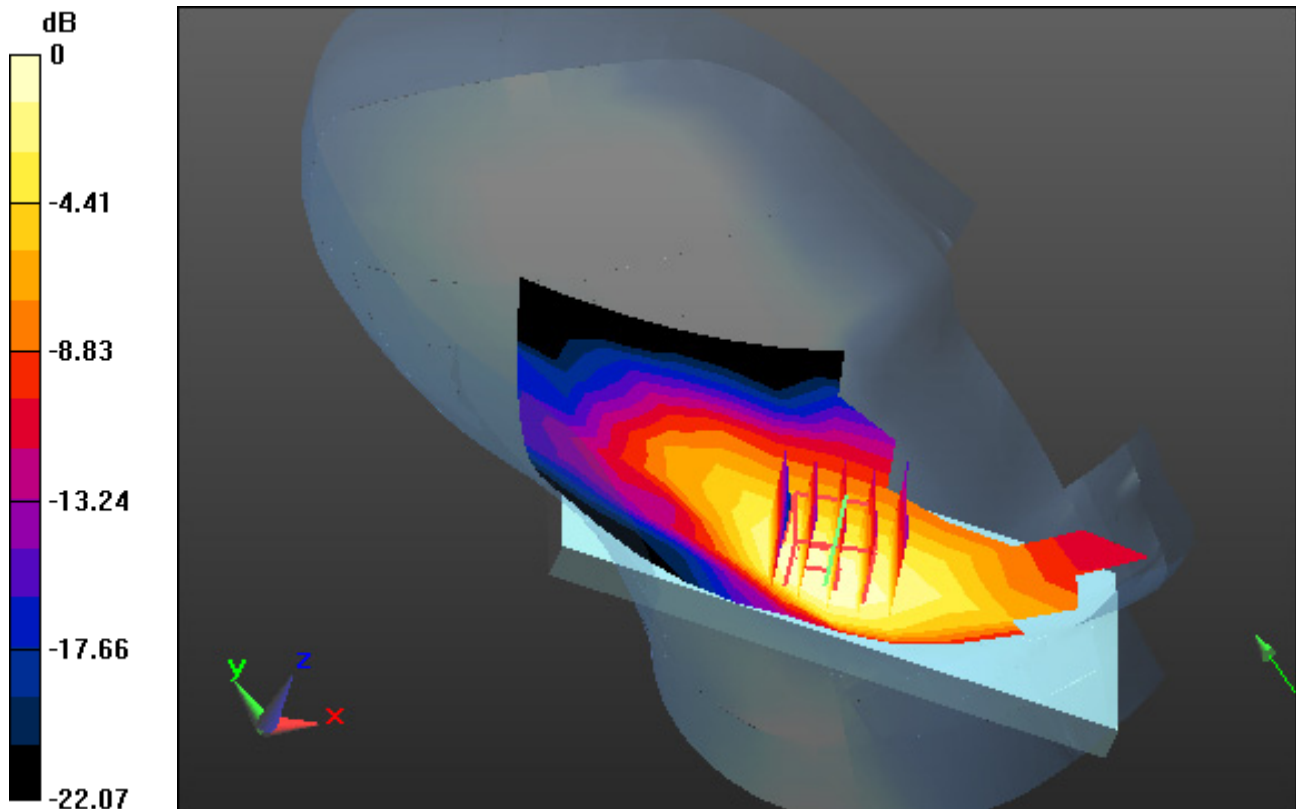
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.113 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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; $\sigma = 1.332$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

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

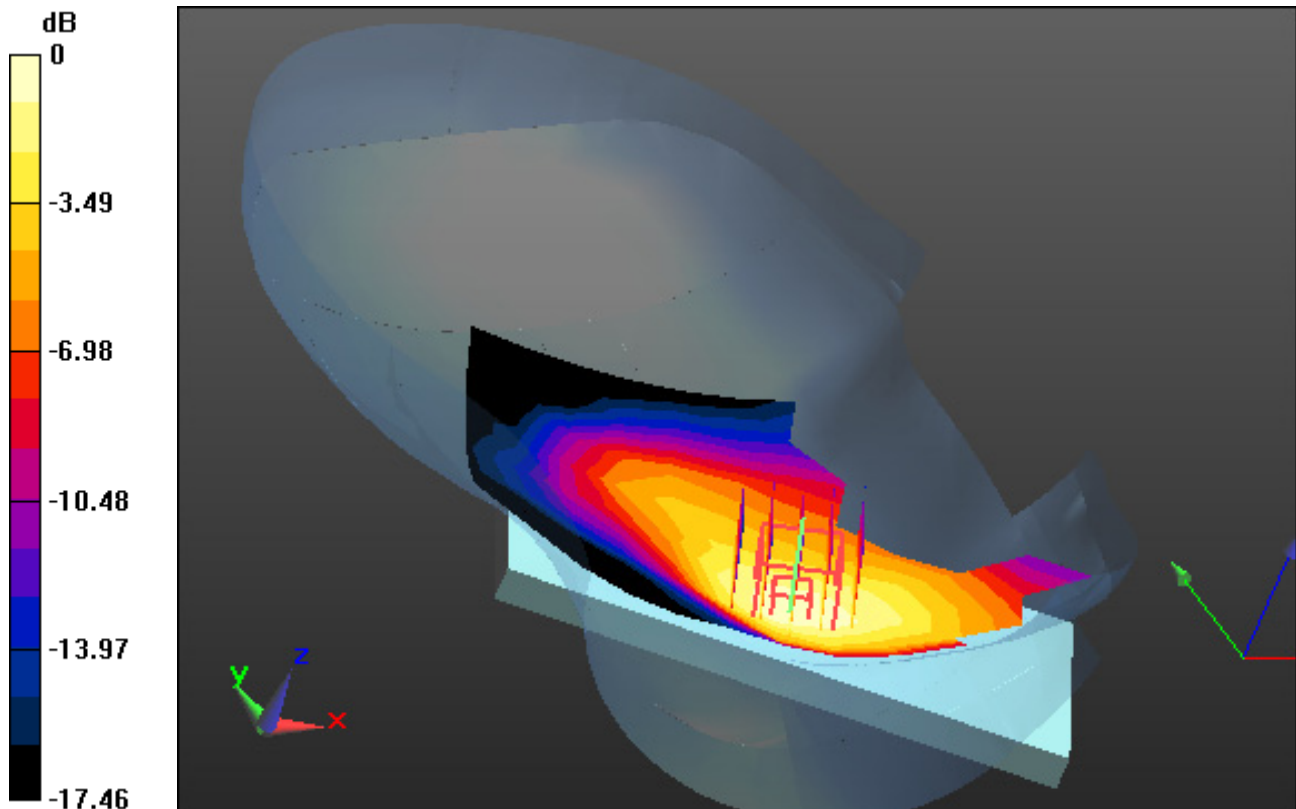
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.178 W/kg



0 dB = 0.331 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.411 \text{ S/m}$; $\epsilon_r = 40.577$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

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

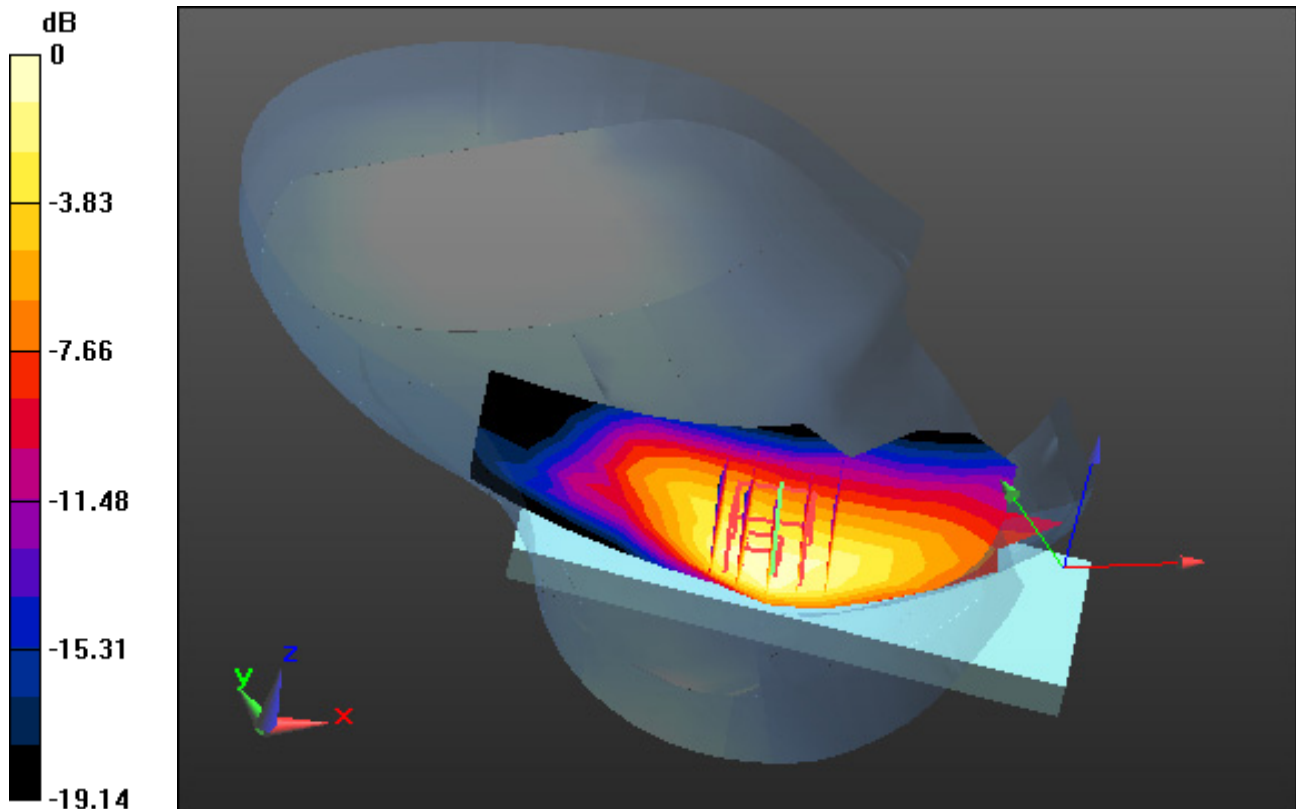
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.113 W/kg



0 dB = 0.224 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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; $\sigma = 1.332$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

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

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

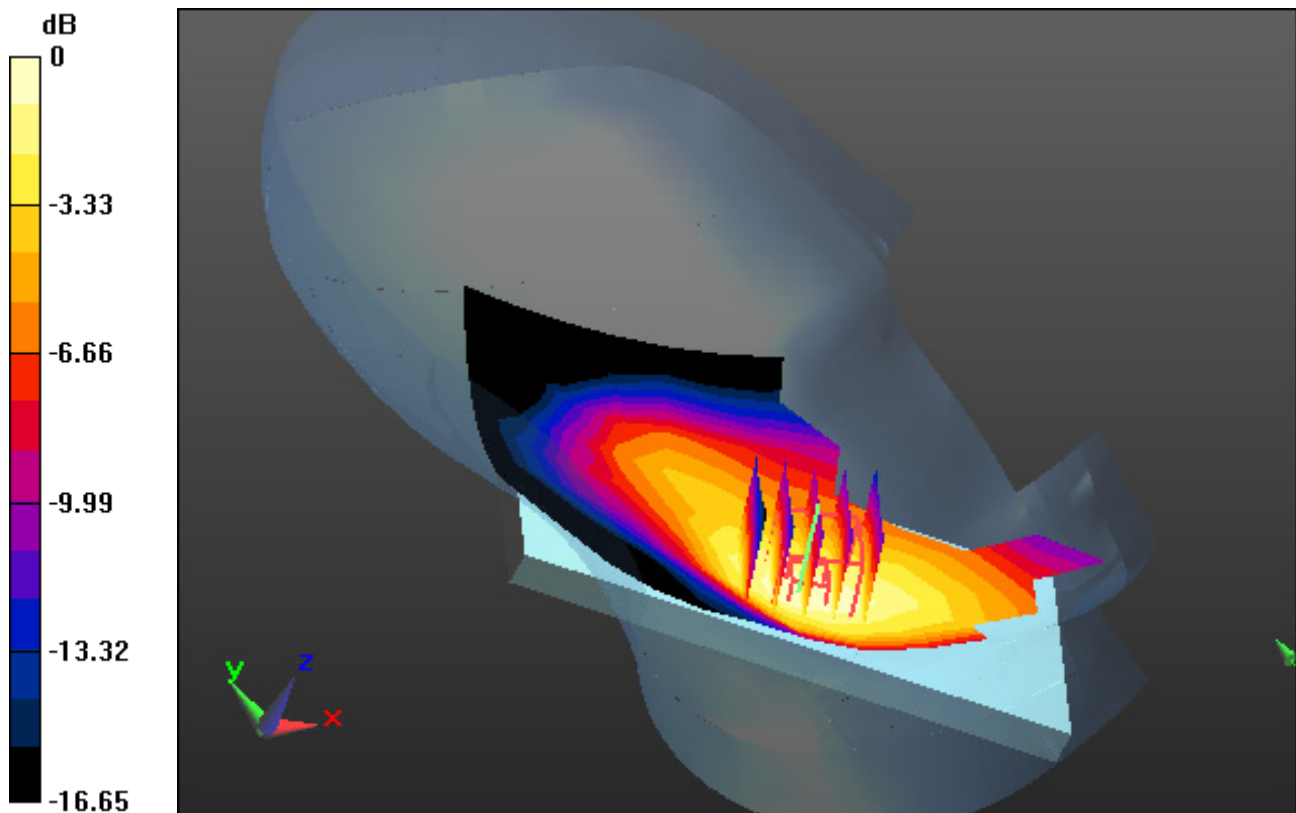
Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.162 W/kg



0 dB = 0.302 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.411 \text{ S/m}$; $\epsilon_r = 40.577$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

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

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

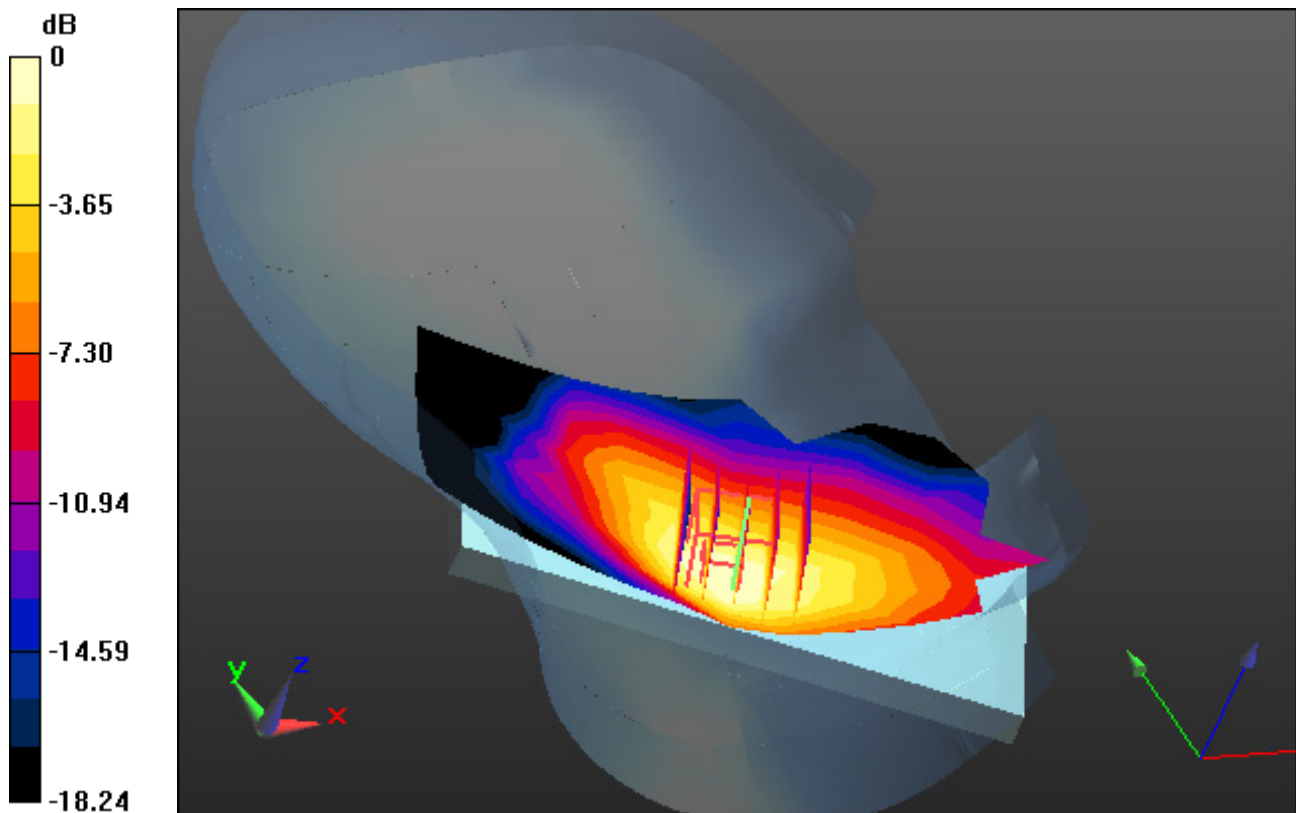
Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.101 W/kg



0 dB = 0.199 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.759 \text{ S/m}$; $\epsilon_r = 40.364$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

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

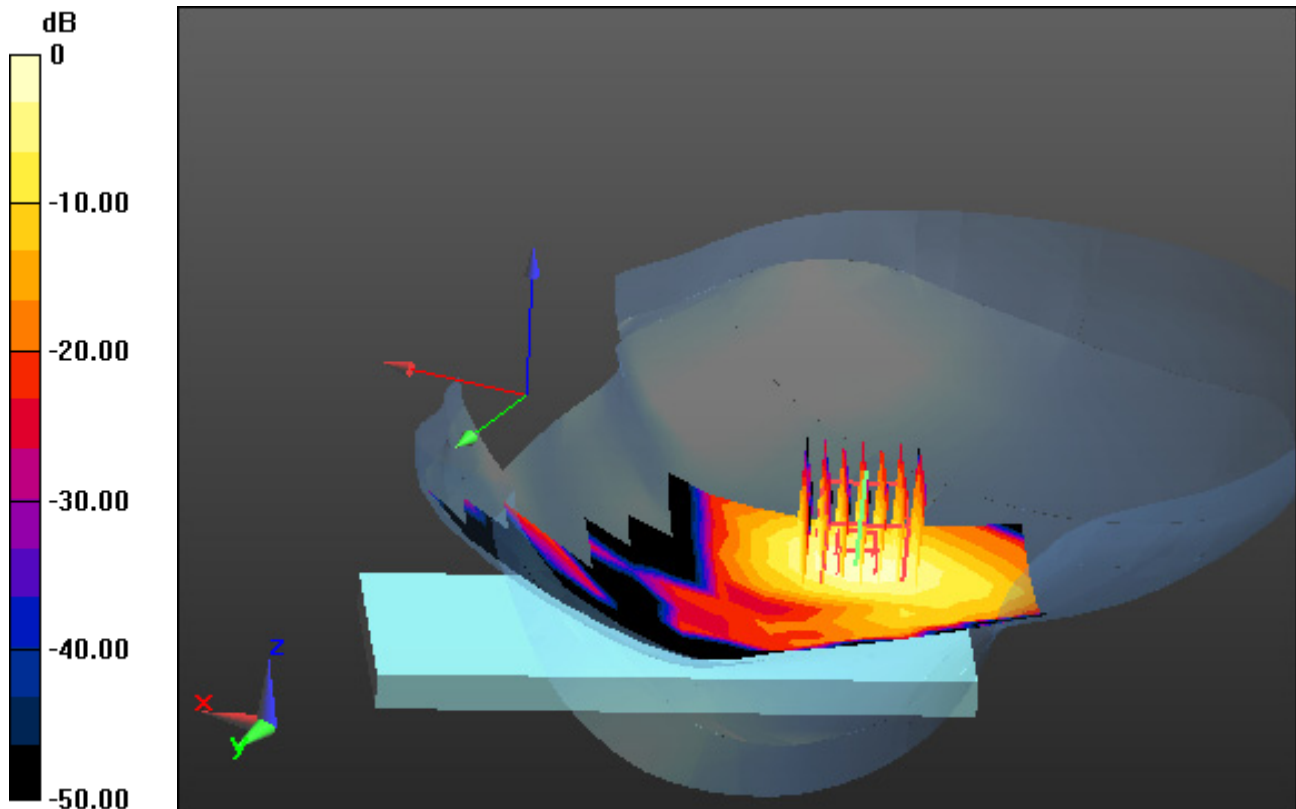
Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.038 W/kg



0 dB = 0.155 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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: $f = 5290 \text{ MHz}$; $\sigma = 4.876 \text{ S/m}$; $\epsilon_r = 35.768$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-19; Ambient Temp: 20.3; Tissue Temp: 20.2

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

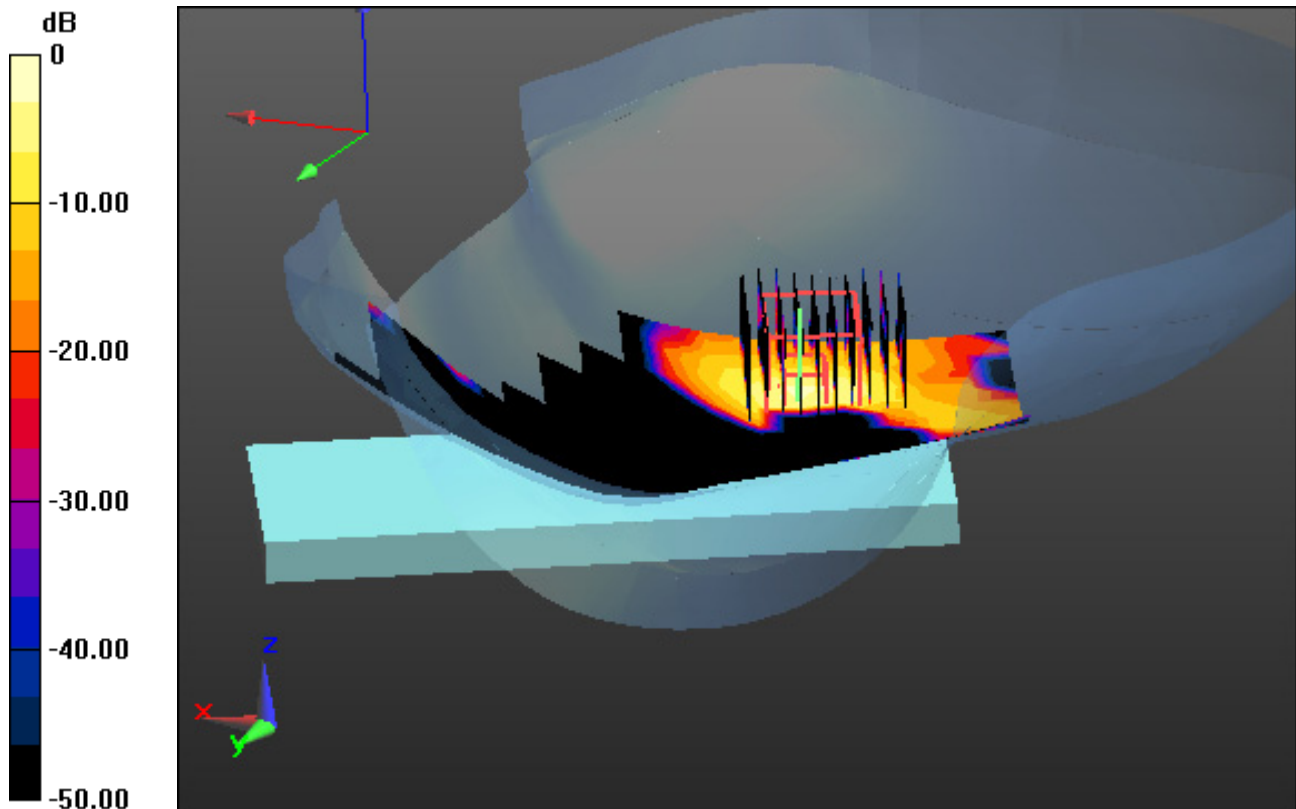
Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x10x7)/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) = 0.497 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.015 W/kg



0 dB = 0.198 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN 5G (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.158 \text{ S/m}$; $\epsilon_r = 35.005$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-20; Ambient Temp: 20.3; Tissue Temp: 20.2

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

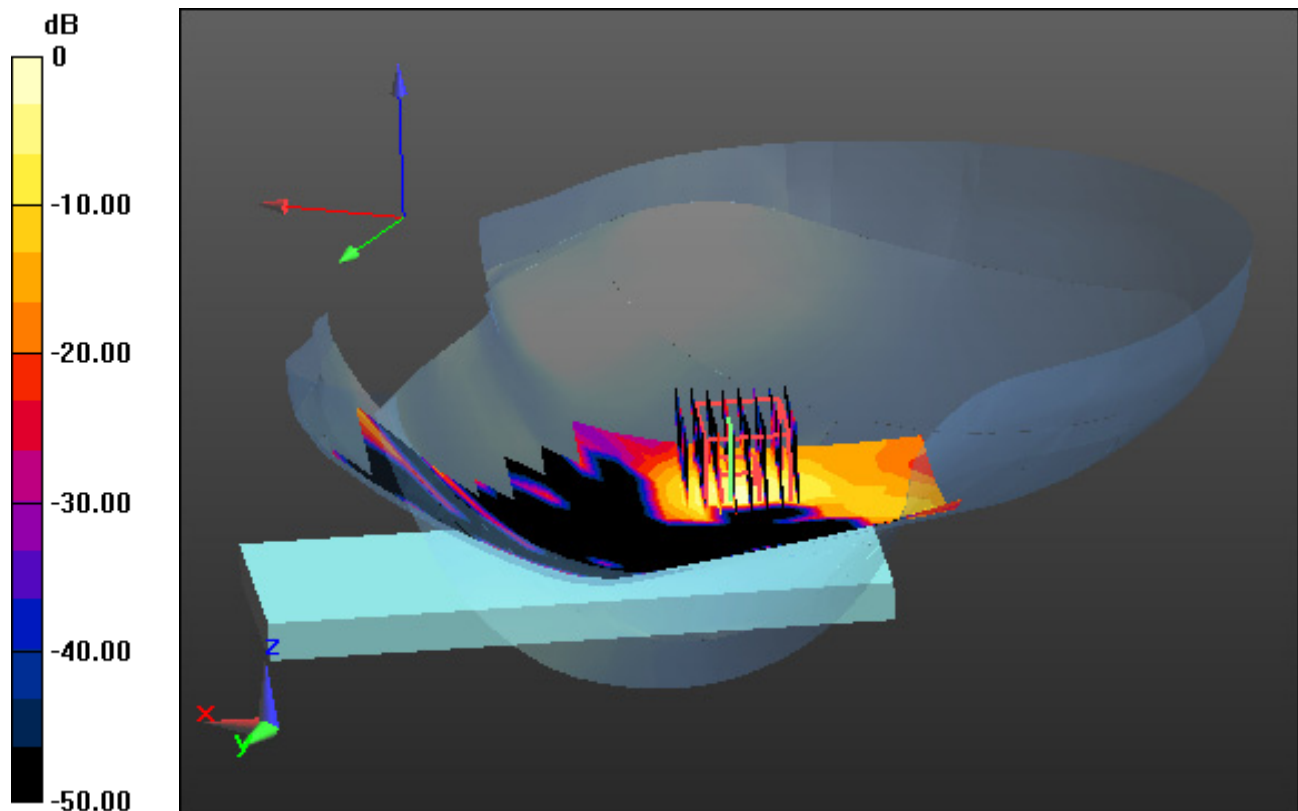
Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.571 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.021 W/kg



0 dB = 0.289 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN_5800 (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.342 \text{ S/m}$; $\epsilon_r = 34.715$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-21; Ambient Temp: 20.8; Tissue Temp: 20.7

Right Touch, WLAN(802.11ac VHT80) Ch. 155, Ant Internal, Standard Battery

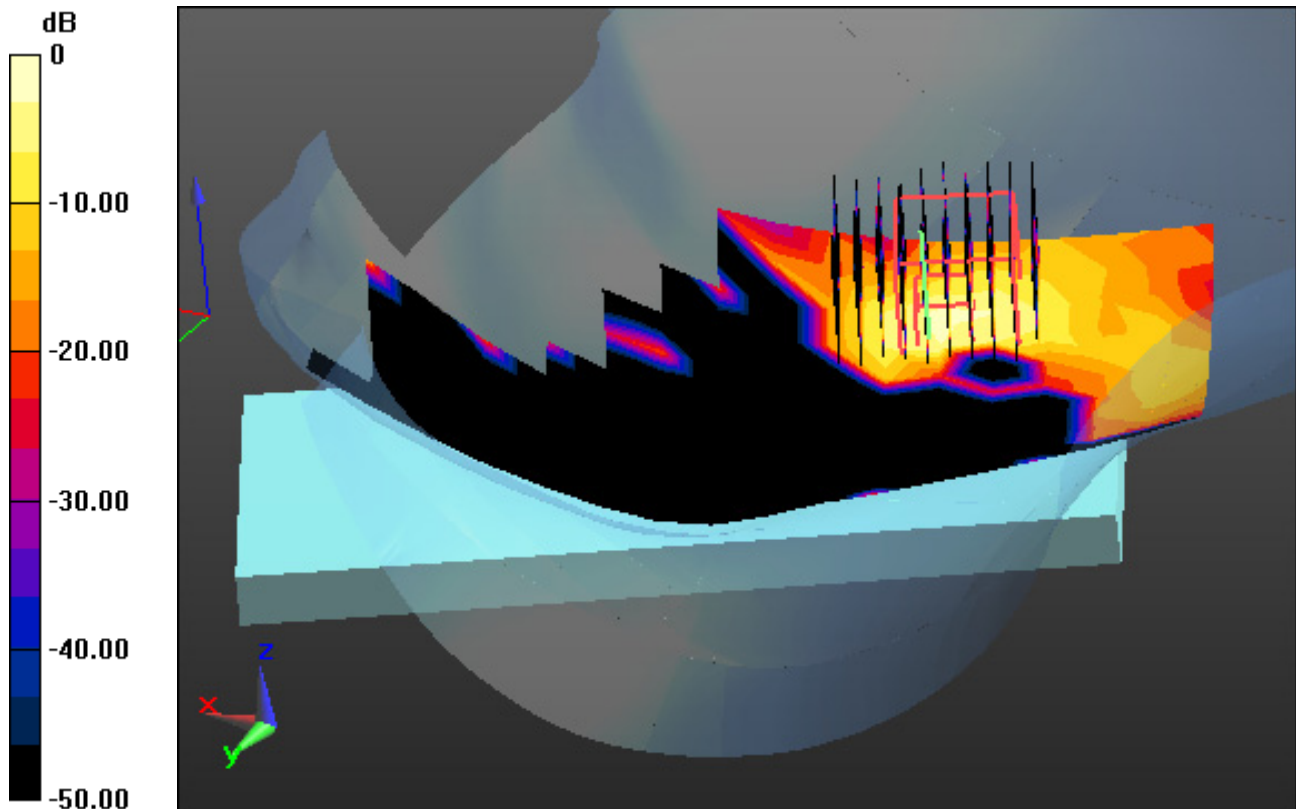
Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (9x10x7)/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) = 0.441 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.019 W/kg



0 dB = 0.255 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.763$ S/m; $\epsilon_r = 40.352$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

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

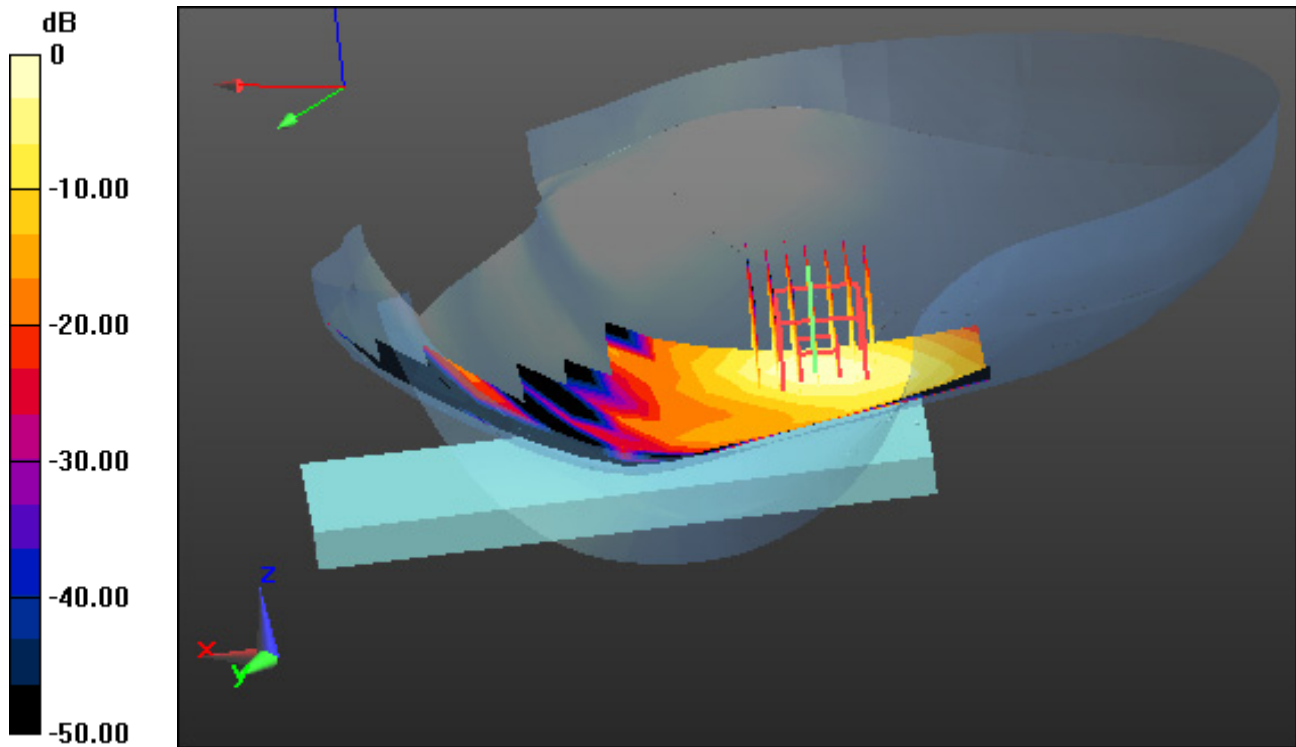
Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.047 W/kg



0 dB = 0.177 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.406 \text{ S/m}$; $\epsilon_r = 40.308$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-21; Ambient Temp: 21.6; Tissue Temp: 21.5

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

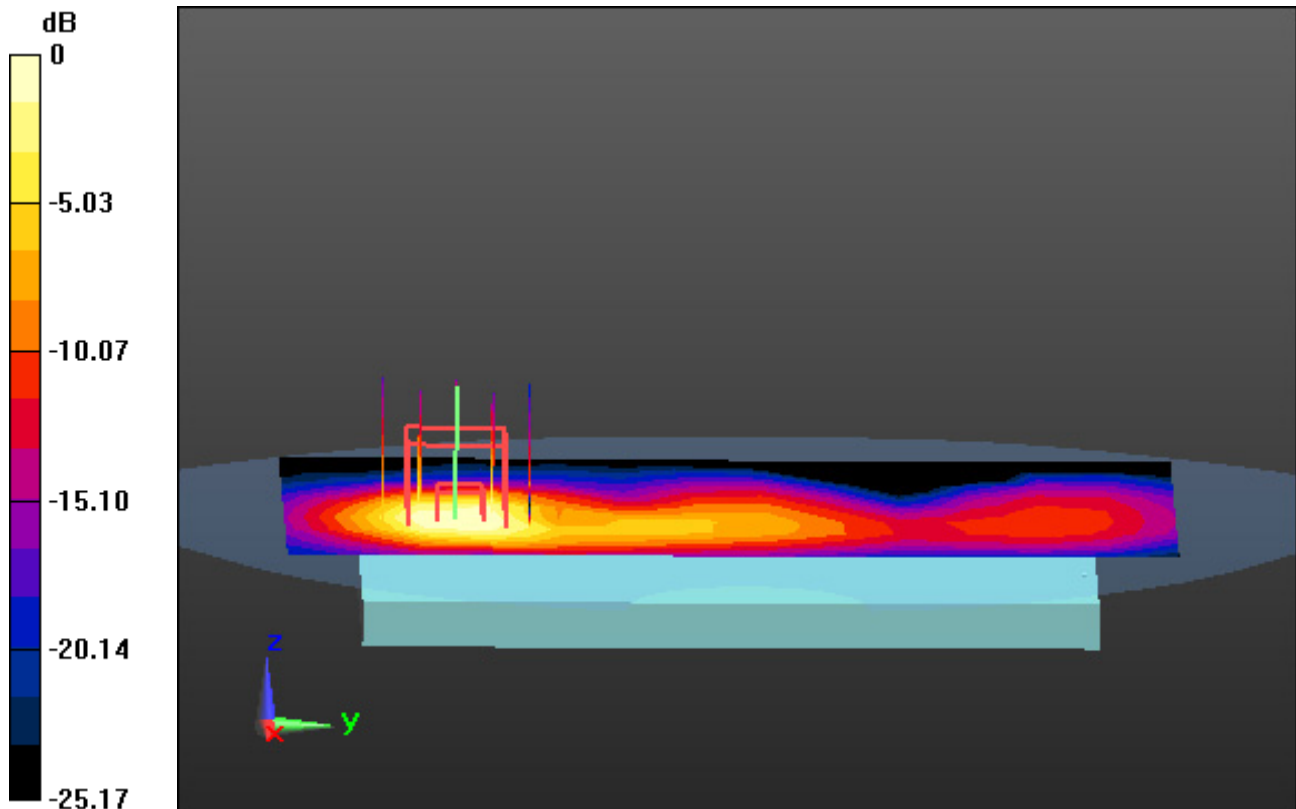
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.125 W/kg



0 dB = 0.299 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.308$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-21; Ambient Temp: 21.6; Tissue Temp: 21.5

1.5 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

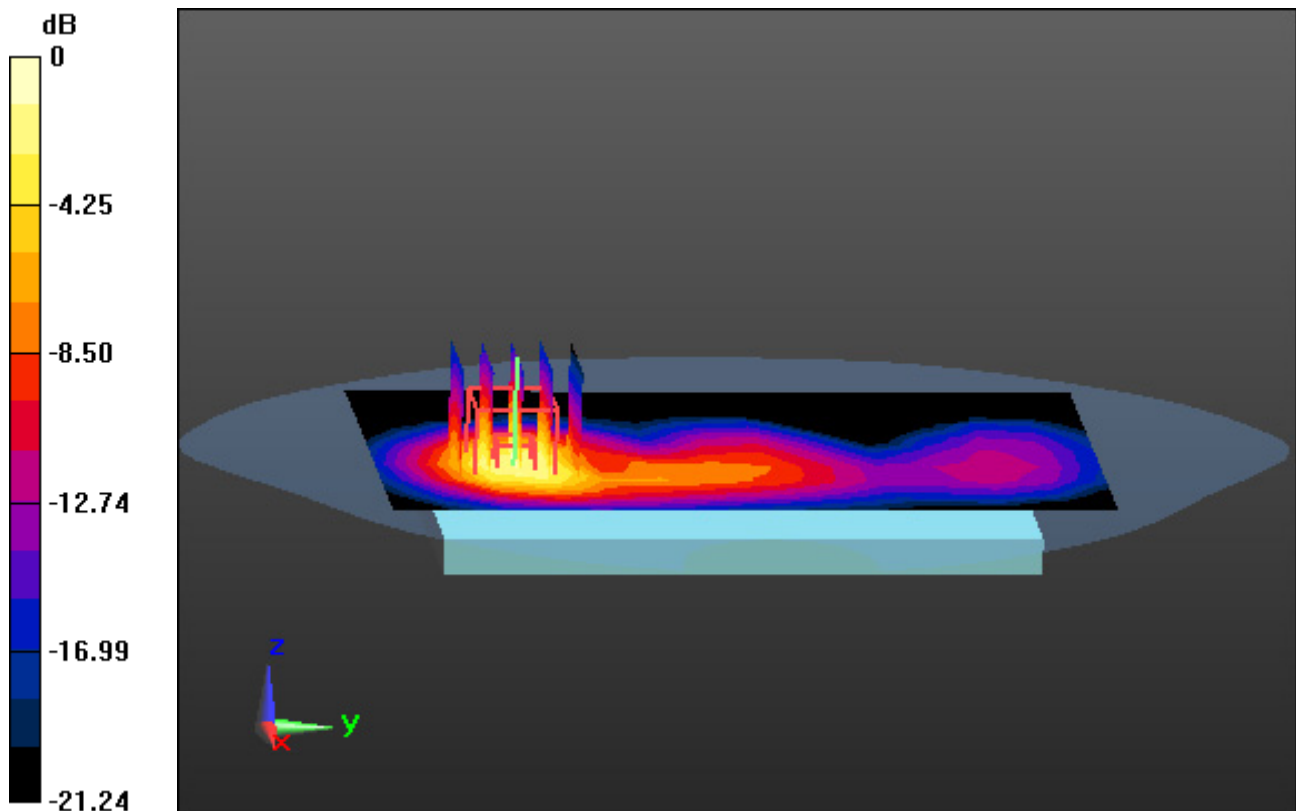
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.137 W/kg



DT&C Co., Ltd.

DUT: EB1084; 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; $\sigma = 1.332$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

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

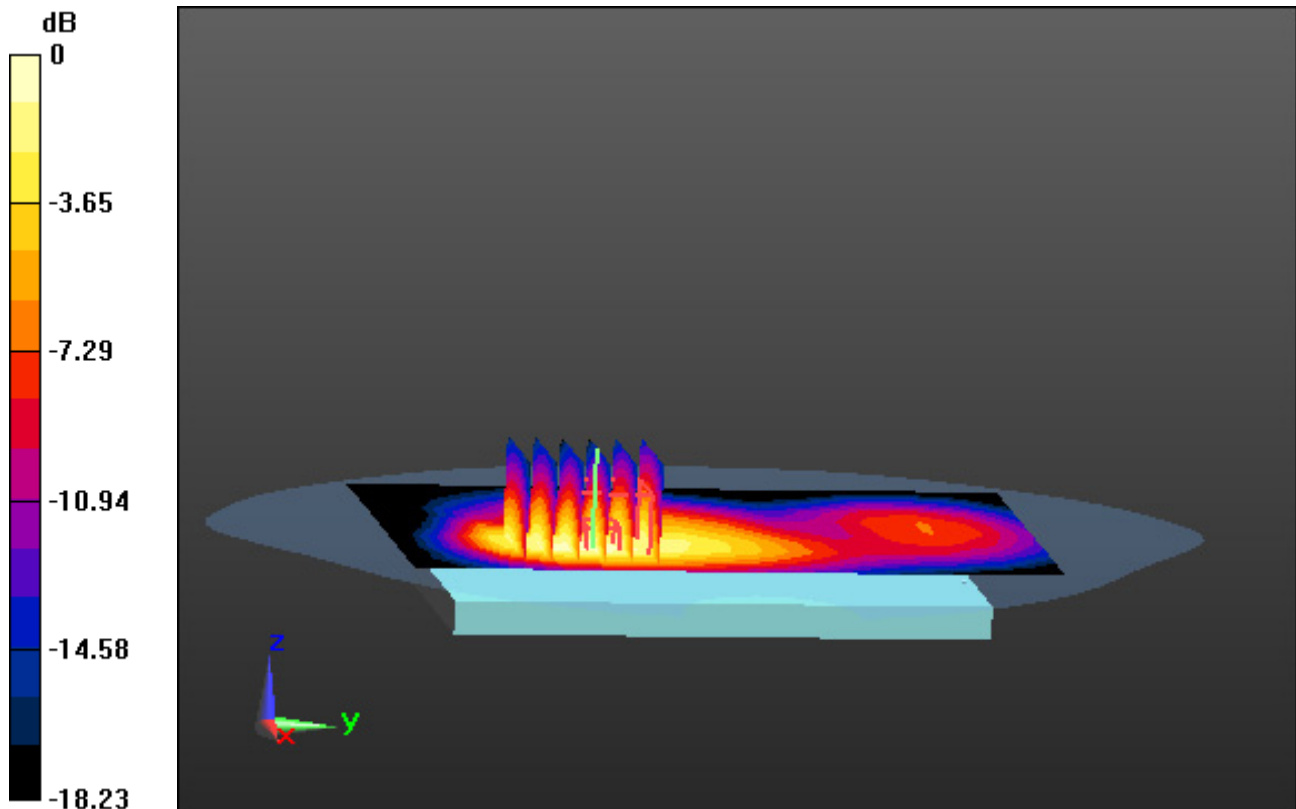
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.205 W/kg



0 dB = 0.431 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 40.577$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

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

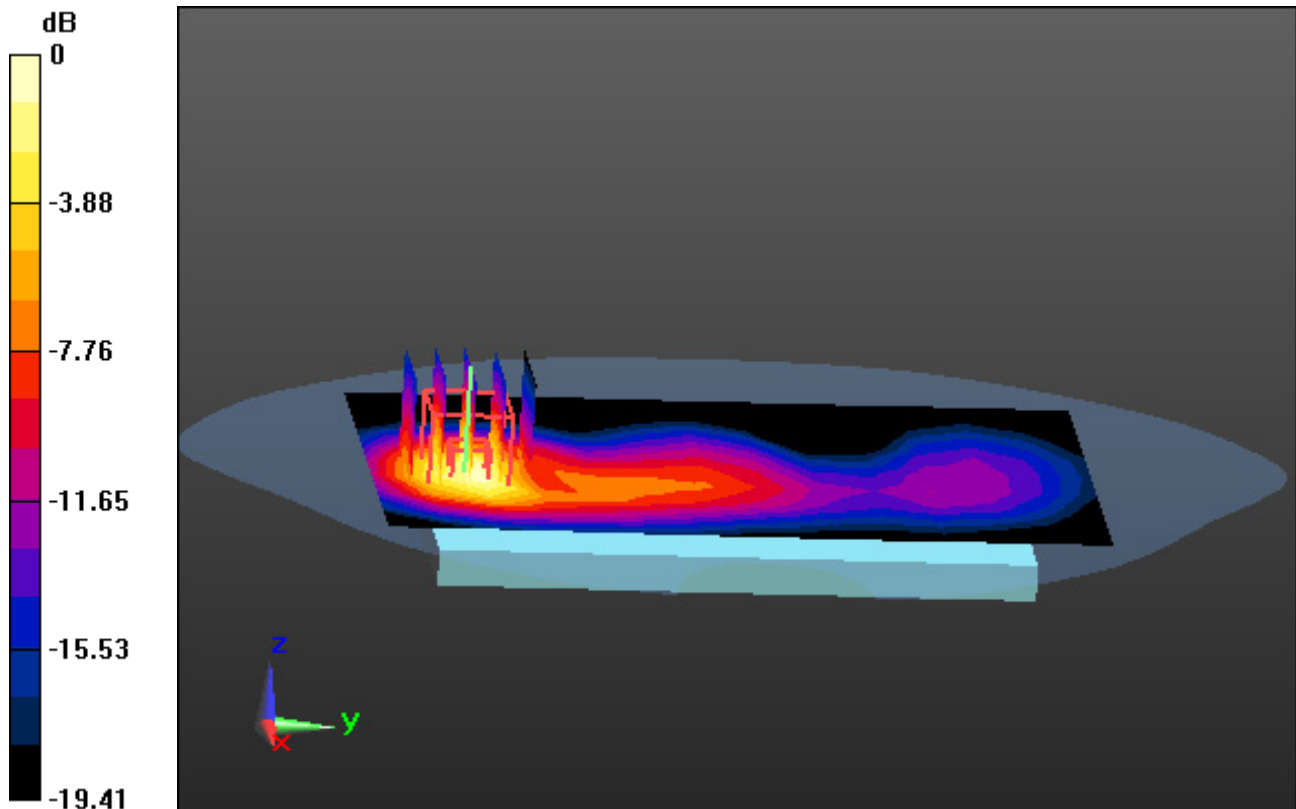
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.227 W/kg



0 dB = 0.609 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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; $\sigma = 1.332$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

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

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

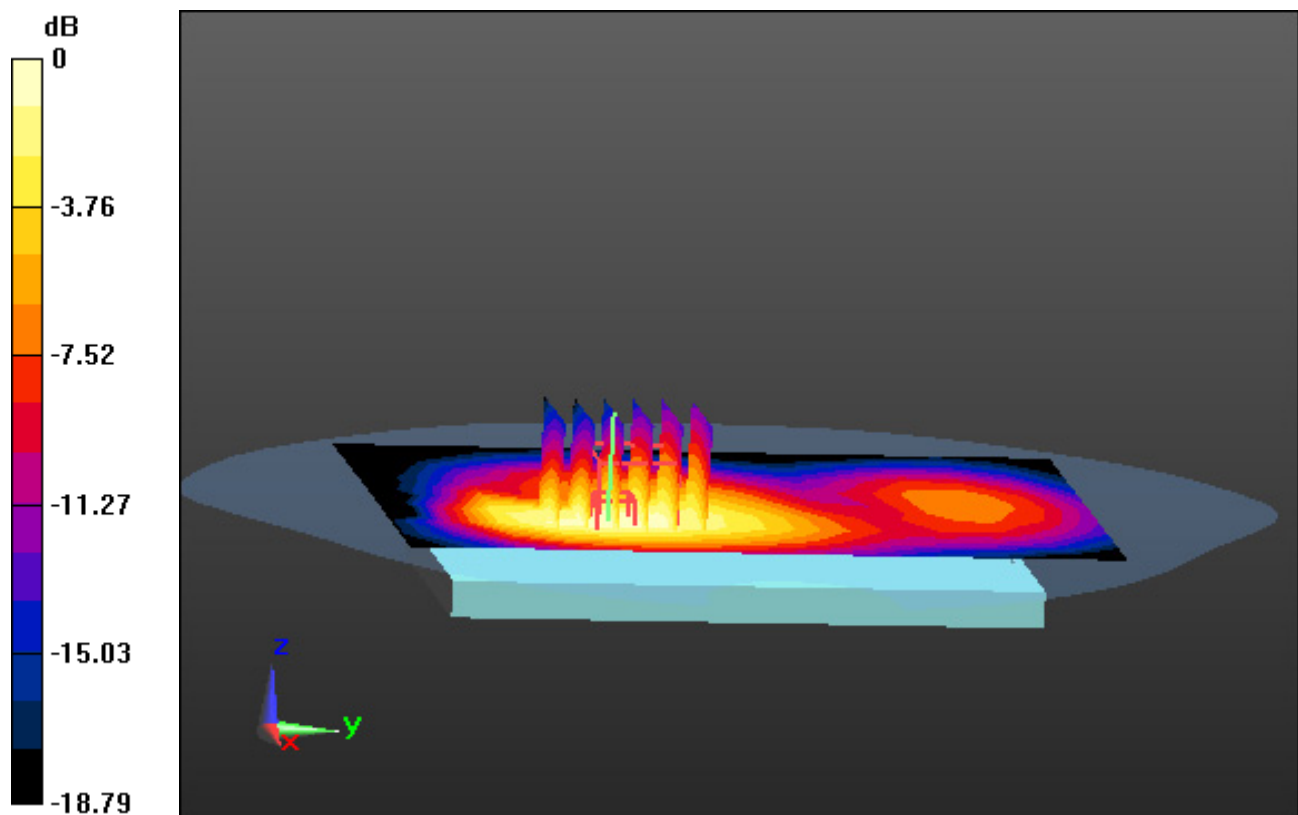
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.474 W/kg

SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.174 W/kg



0 dB = 0.355 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.411 \text{ S/m}$; $\epsilon_r = 40.577$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

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

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

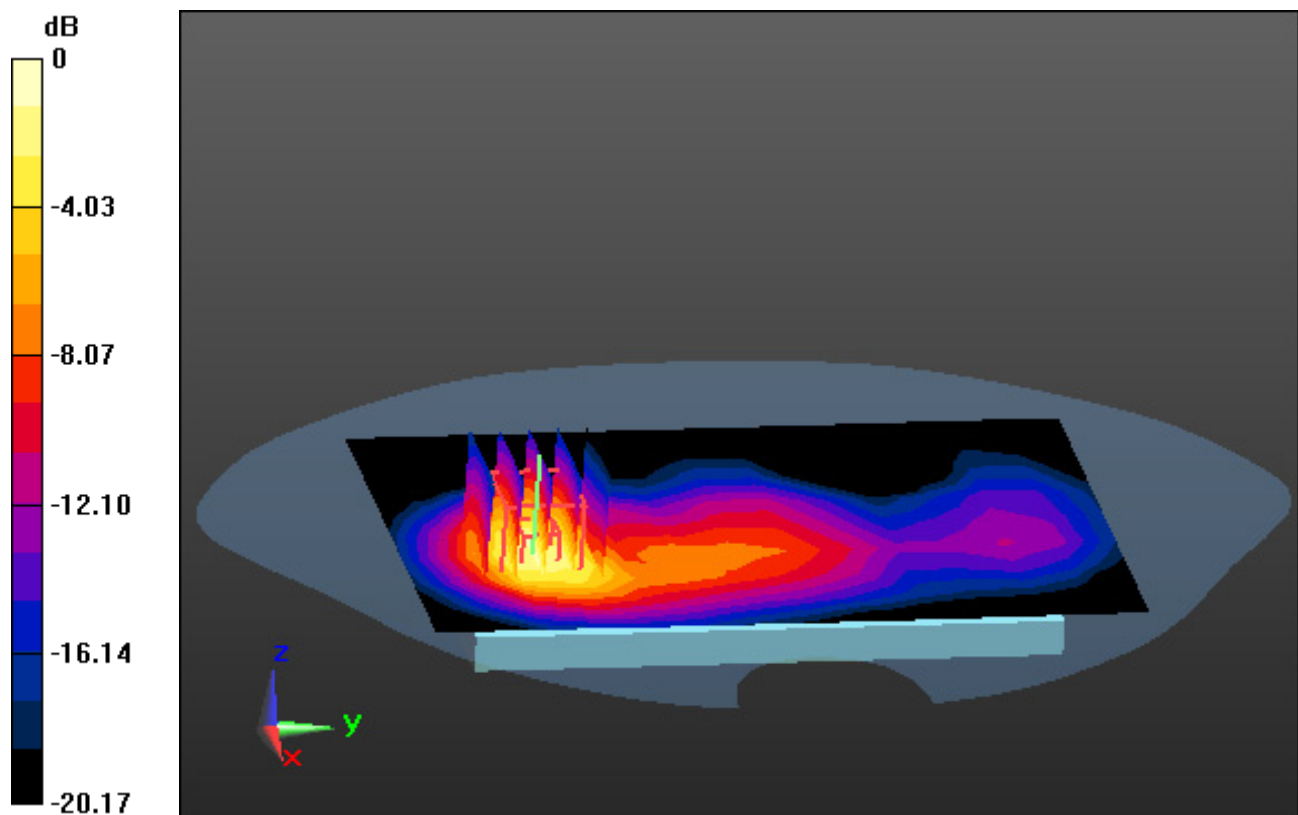
Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.241 W/kg



0 dB = 0.661 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.759 \text{ S/m}$; $\epsilon_r = 40.364$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

1.5 cm space from Body, Rear, WLAN(802.11b) Ch. 6, Ant Internal

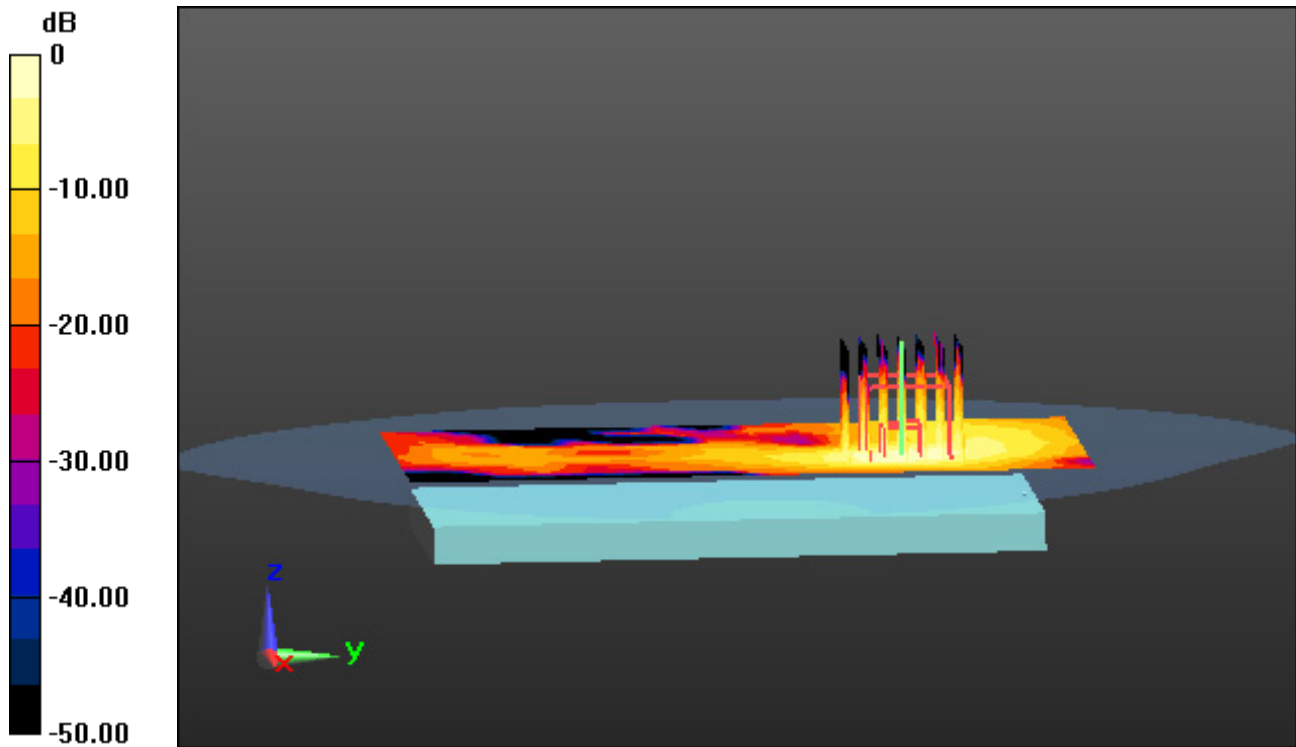
Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.021 W/kg



DT&C Co., Ltd.

DUT: EB1084; 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: $f = 5290 \text{ MHz}$; $\sigma = 4.876 \text{ S/m}$; $\epsilon_r = 35.768$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-19; Ambient Temp: 20.3; Tissue Temp: 20.2

1.5 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 58, Ant Internal

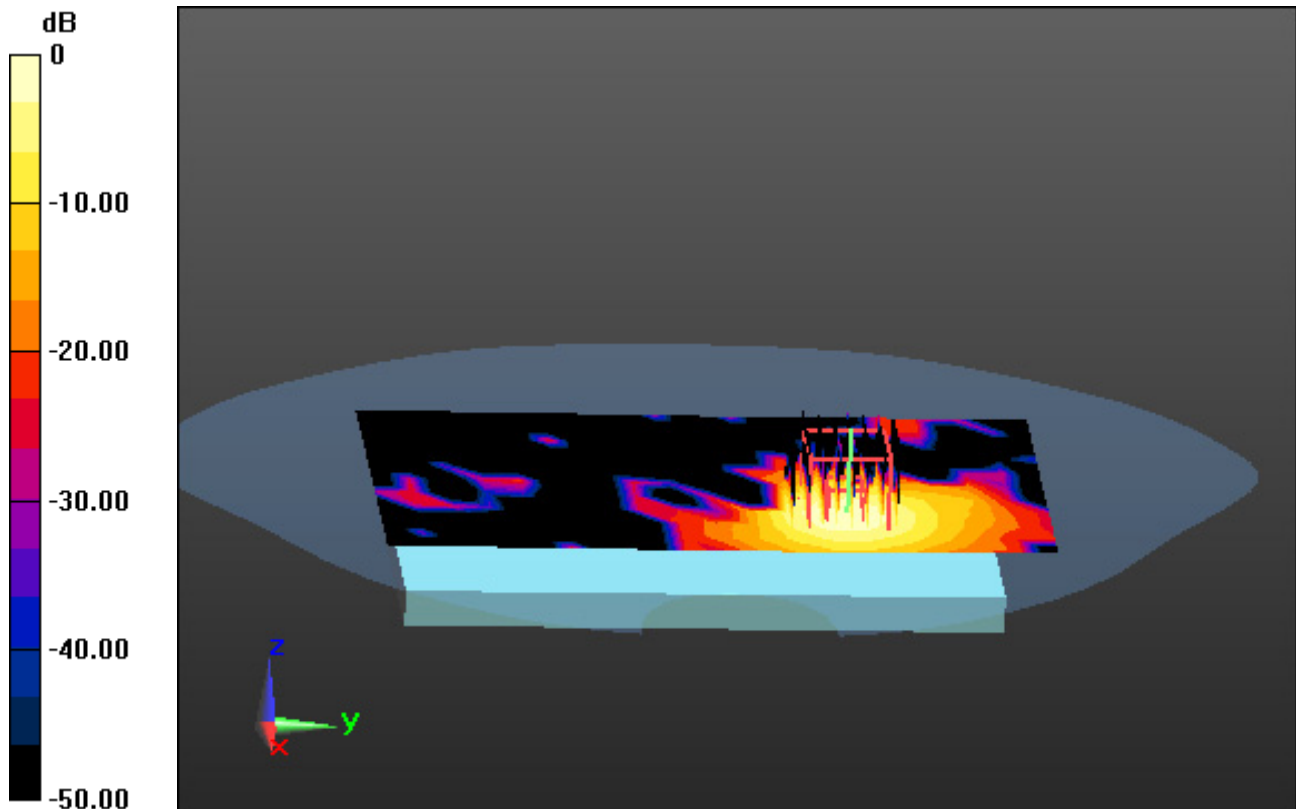
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = -0.02 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.051 W/kg



0 dB = 0.326 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN 5G (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.158 \text{ S/m}$; $\epsilon_r = 35.005$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-20; Ambient Temp: 20.3; Tissue Temp: 20.2

1.5 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch. 122, Ant Internal

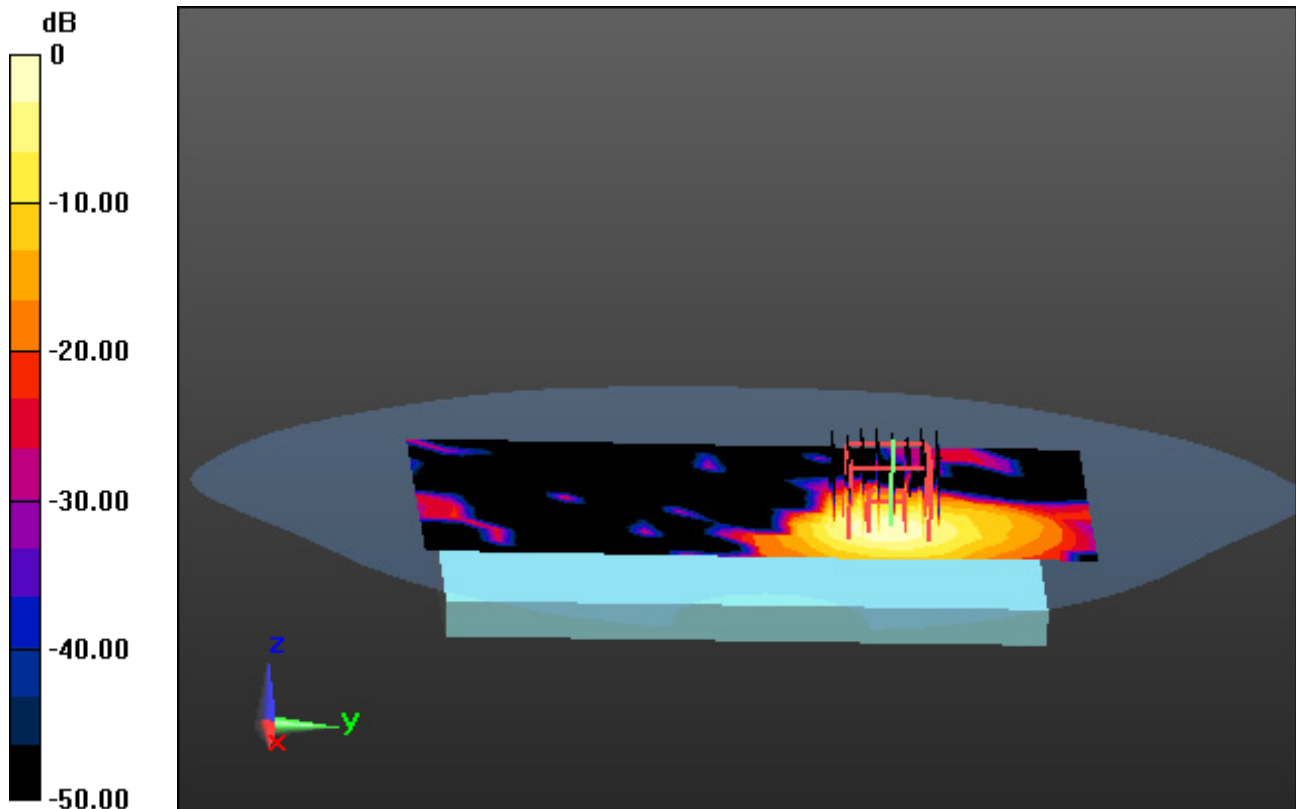
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.635 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.060 W/kg



0 dB = 0.395 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN 5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.342 \text{ S/m}$; $\epsilon_r = 34.715$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-21; Ambient Temp: 20.8; Tissue Temp: 20.7

1.5 cm space from Body, Rear, WLAN(802.11ac VHT80) Ch.155, Ant Internal

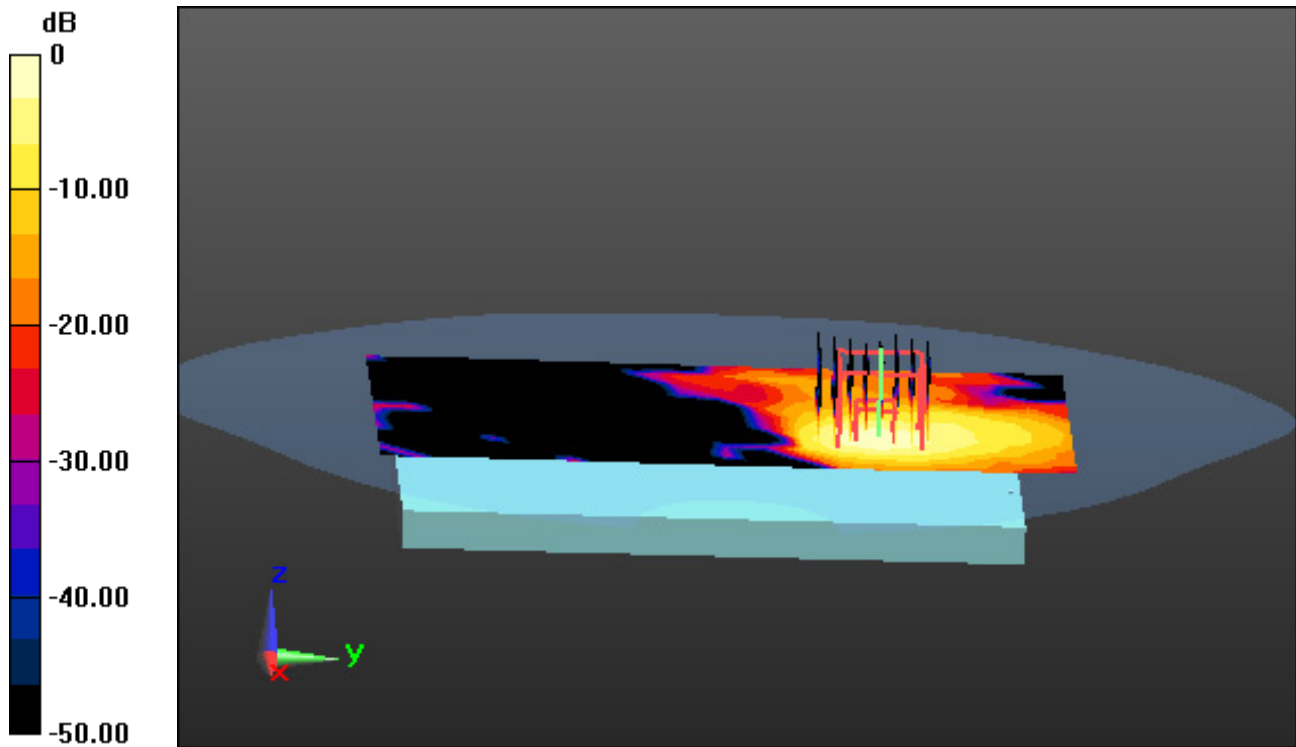
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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) = 0.527 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.044 W/kg



DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.763$ S/m; $\epsilon_r = 40.352$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

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

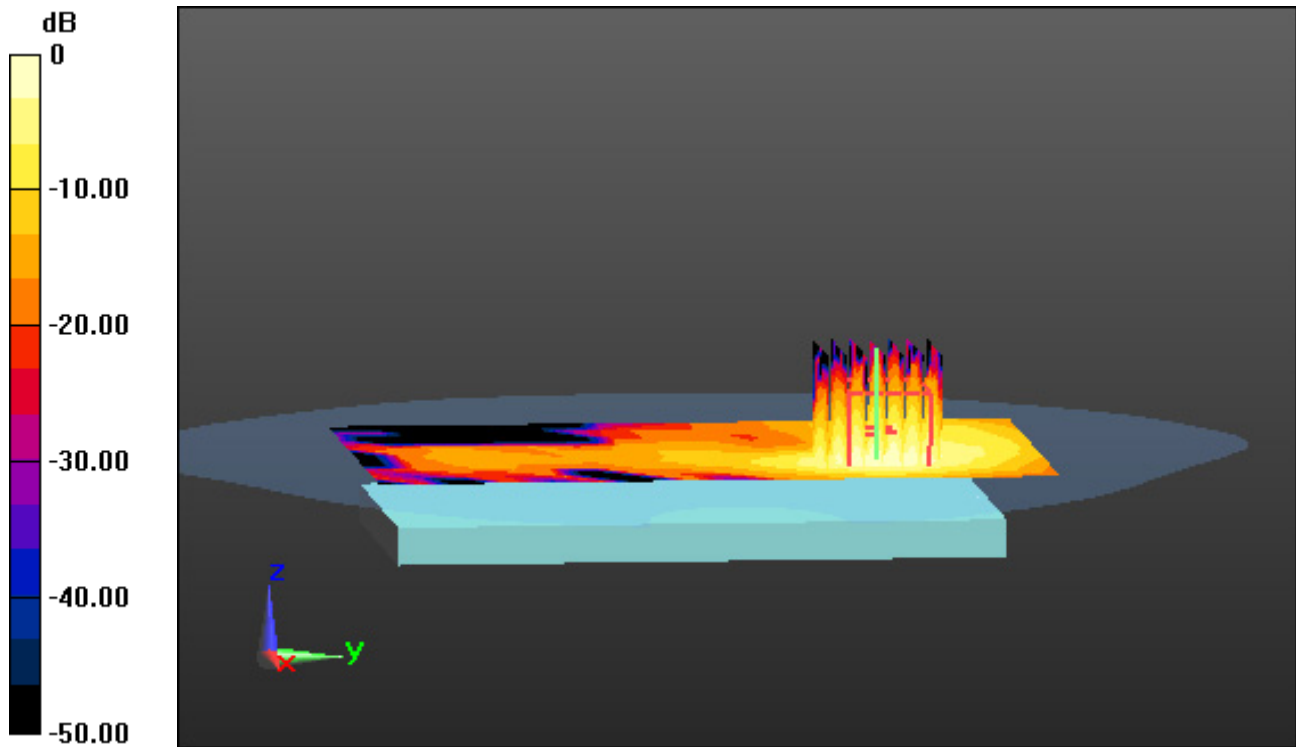
Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.029 W/kg



0 dB = 0.0985 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.308$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.13, 5.13, 5.13); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-21; Ambient Temp: 21.6; Tissue Temp: 21.5

1 cm space from Body, Rear, PCS1900 GPRS 4 Tx Ch. 661, Ant Internal

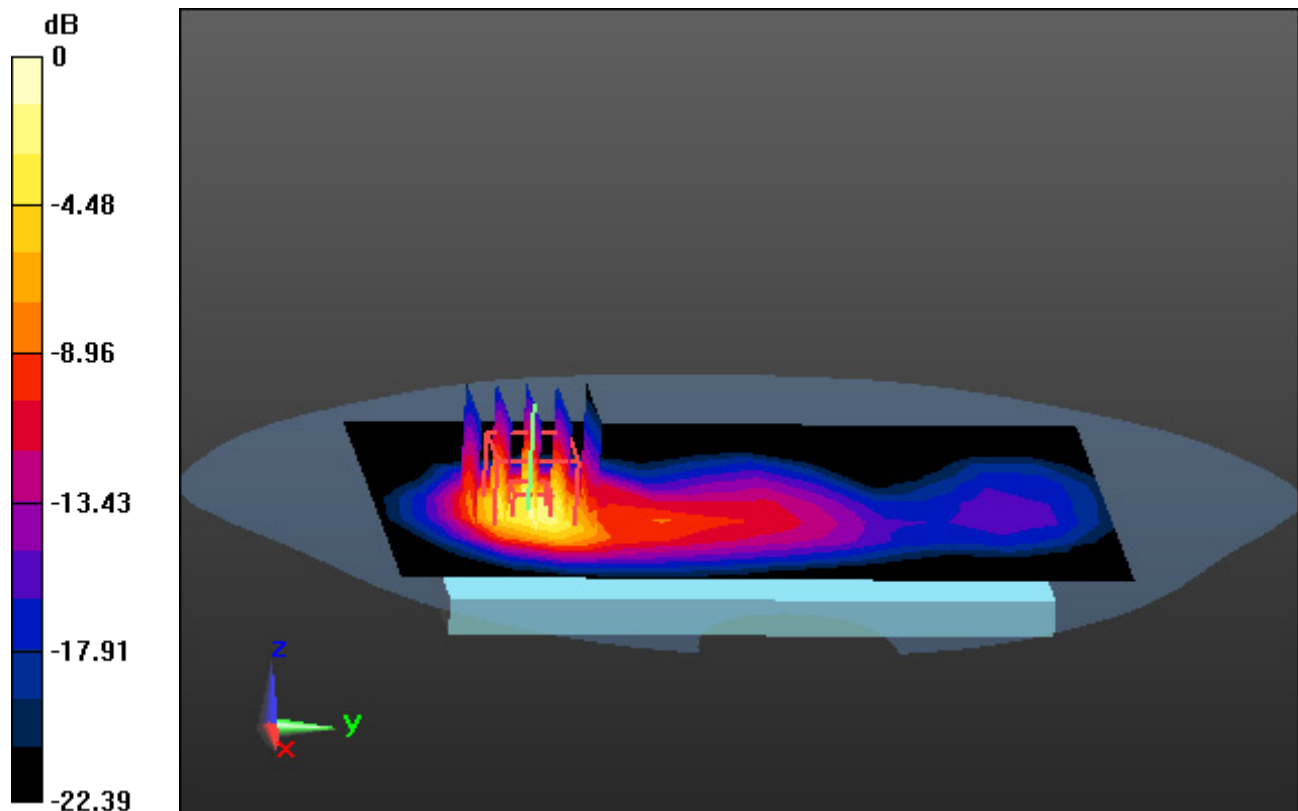
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.282 W/kg



0 dB = 0.803 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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; $\sigma = 1.332$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

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

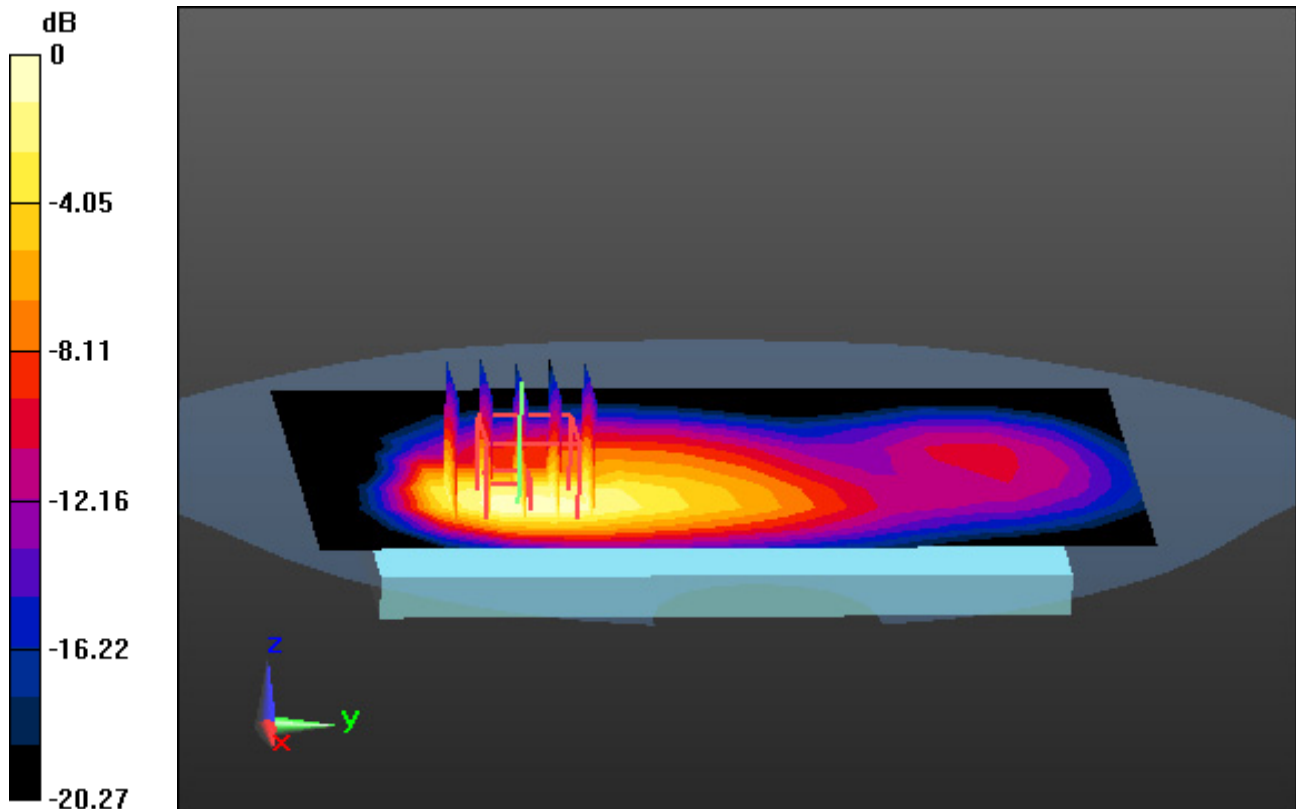
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.321 W/kg



DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 40.658$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

1 cm space from Body, Rear, WCDMA Band 2 Ch. 9262, Ant Internal

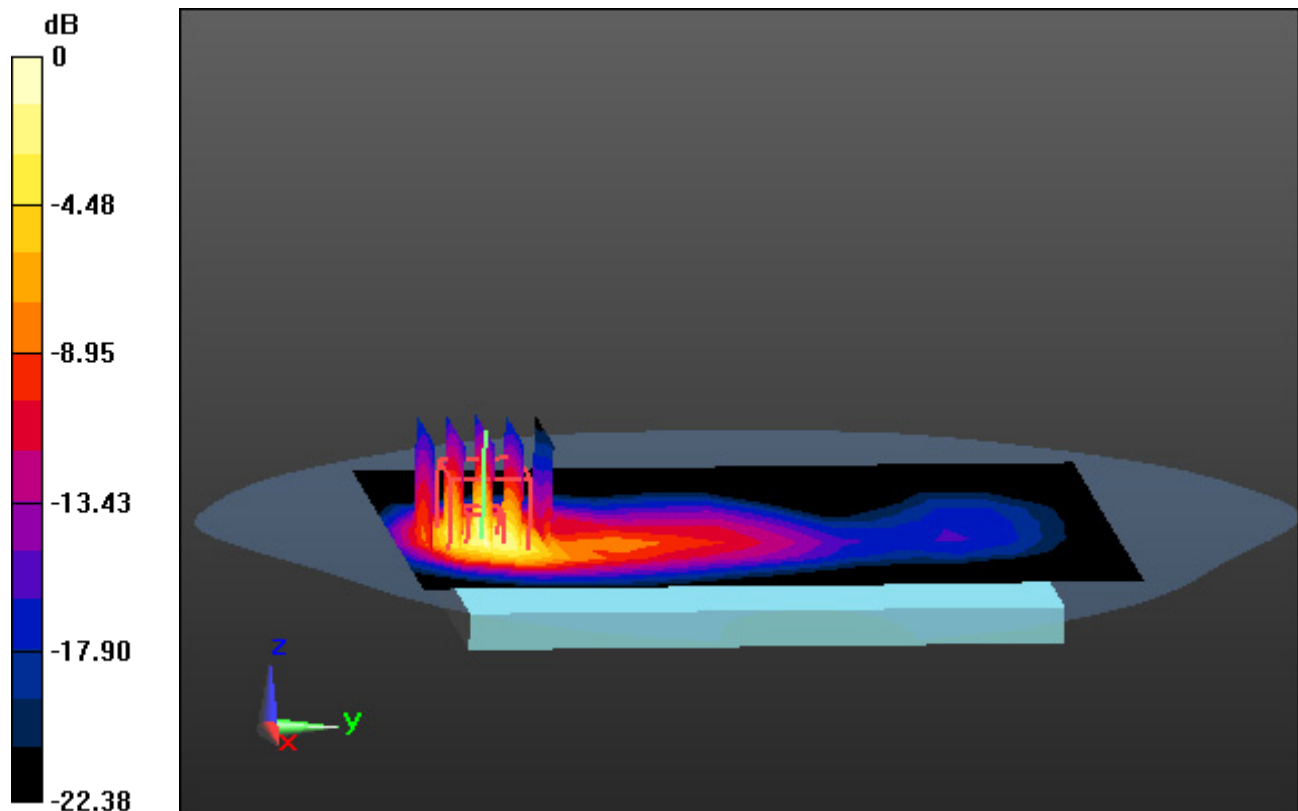
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.463 W/kg



0 dB = 1.42 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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; $\sigma = 1.332$ S/m; $\epsilon_r = 39.646$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: ES3DV3 - SN3327; ConvF(5.41, 5.41, 5.41); Calibrated: 1/27/2021 Electronics: DAE3 Sn520

Sensor-Surface: 3mm (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: 2021-10-22; Ambient Temp: 22.2; Tissue Temp: 22.1

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

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

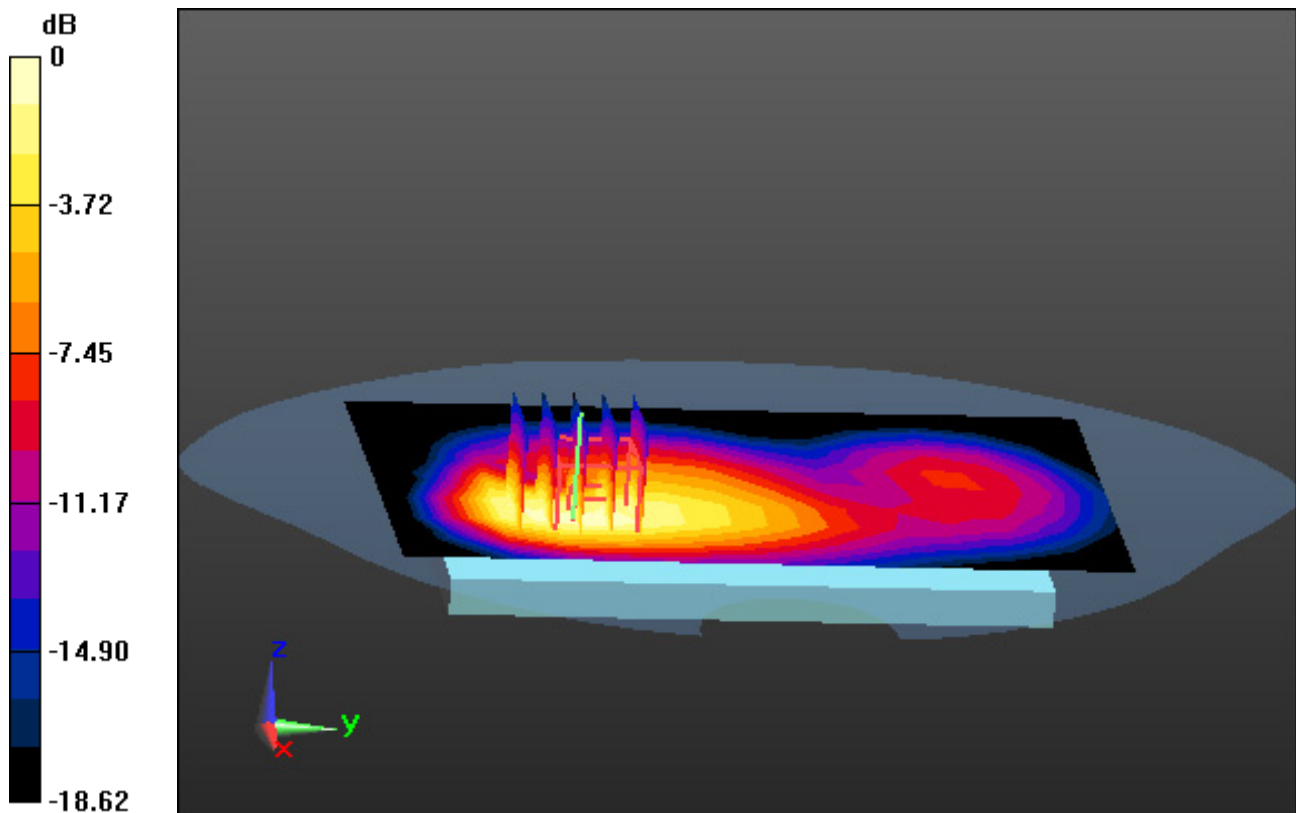
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.272 W/kg



DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, LTE Band 2 (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 40.539$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7337; ConvF(8.17, 8.17, 8.17); Calibrated: 6/23/2021 Electronics: DAE4 Sn1335

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM_Right_20170922; Type: QD000P40CD; Serial: 1895

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

Test Date: 2021-10-20; Ambient Temp: 21.7; Tissue Temp: 21.6

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

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

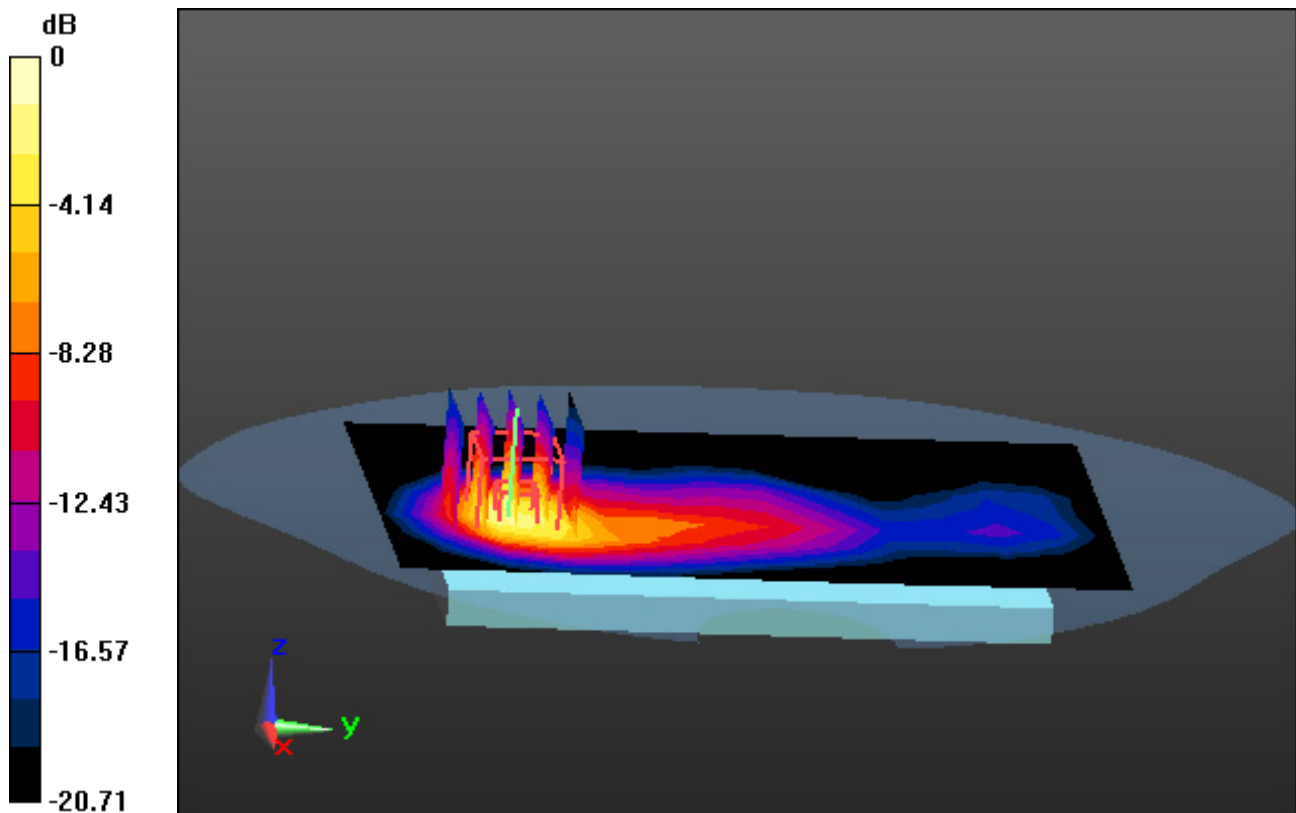
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.425 W/kg



0 dB = 1.22 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.759 \text{ S/m}$; $\epsilon_r = 40.364$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

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

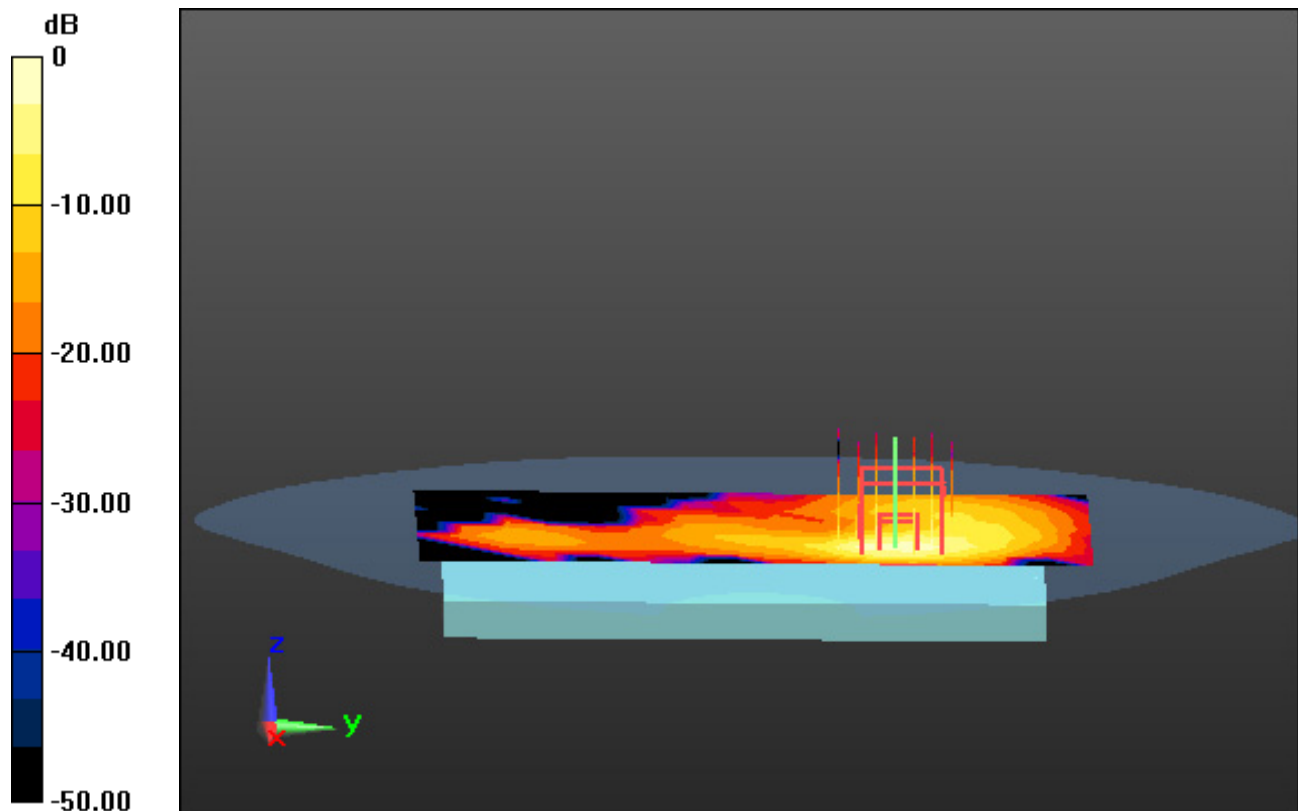
Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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) = 0.321 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.056 W/kg



0 dB = 0.224 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

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

Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.763 \text{ S/m}$; $\epsilon_r = 40.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.89, 7.89, 7.89); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: SAM-twin right_2021_07_13; Type: QD000P40CD; Serial: TP:1786

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

Test Date: 2021-10-18; Ambient Temp: 20.9; Tissue Temp: 20.8

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

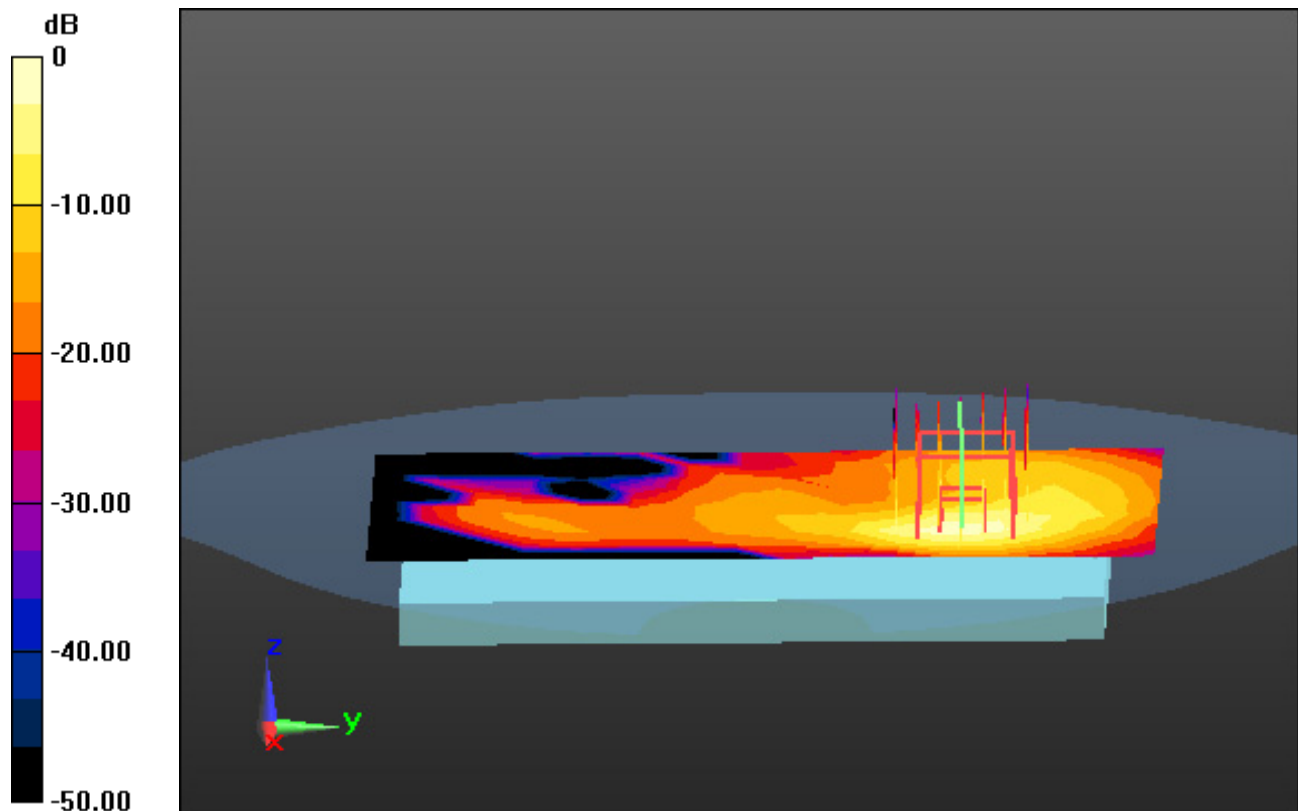
Area Scan (9x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.059 W/kg



0 dB = 0.248 W/kg

DT&C Co., Ltd.

DUT: EB1084; 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: $f = 5290 \text{ MHz}$; $\sigma = 4.876 \text{ S/m}$; $\epsilon_r = 35.768$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.39, 5.39, 5.39); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-19; Ambient Temp: 20.3; Tissue Temp: 20.2

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch. 58, Ant Internal

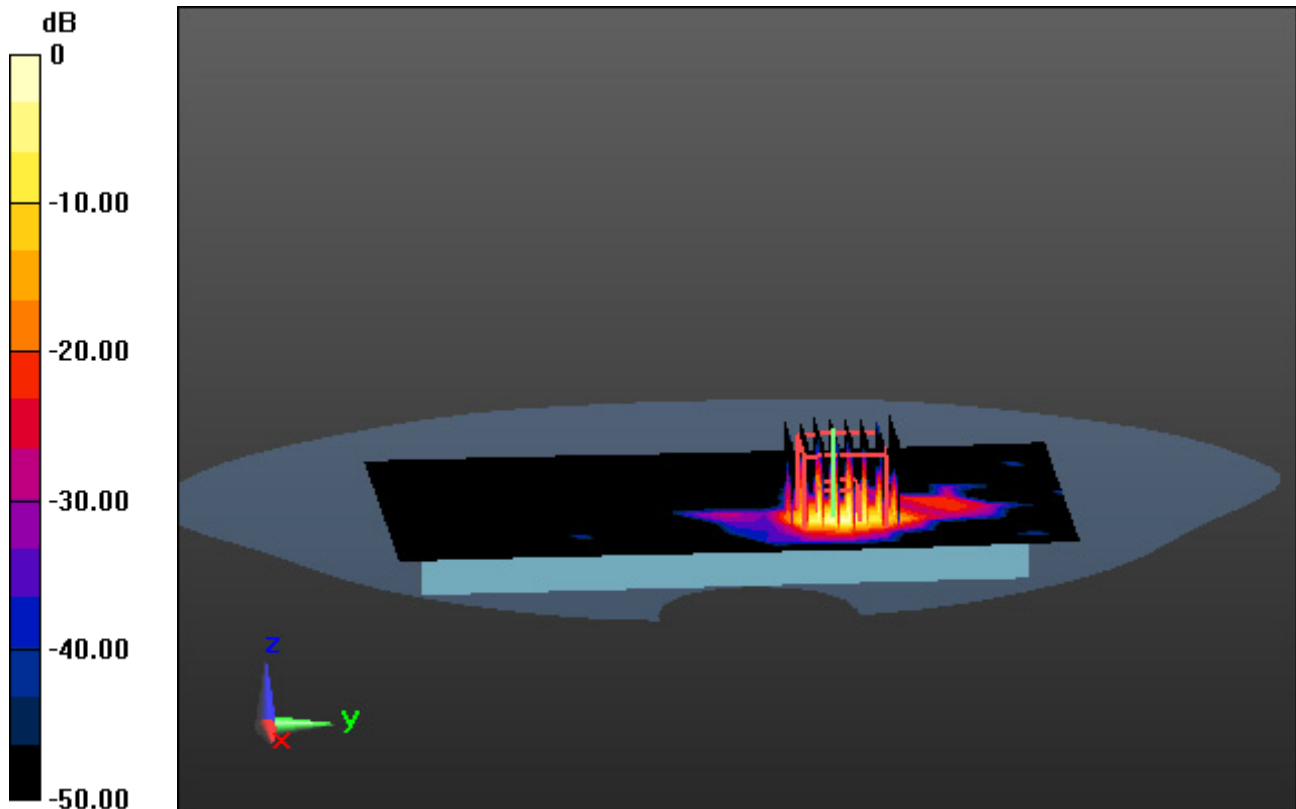
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.06 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 0.410 W/kg



0 dB = 6.23 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN 5G (0); Frequency: 5610 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.158 \text{ S/m}$; $\epsilon_r = 35.005$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(4.84, 4.84, 4.84); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-20; Ambient Temp: 20.3; Tissue Temp: 20.2

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch. 122, Ant Internal

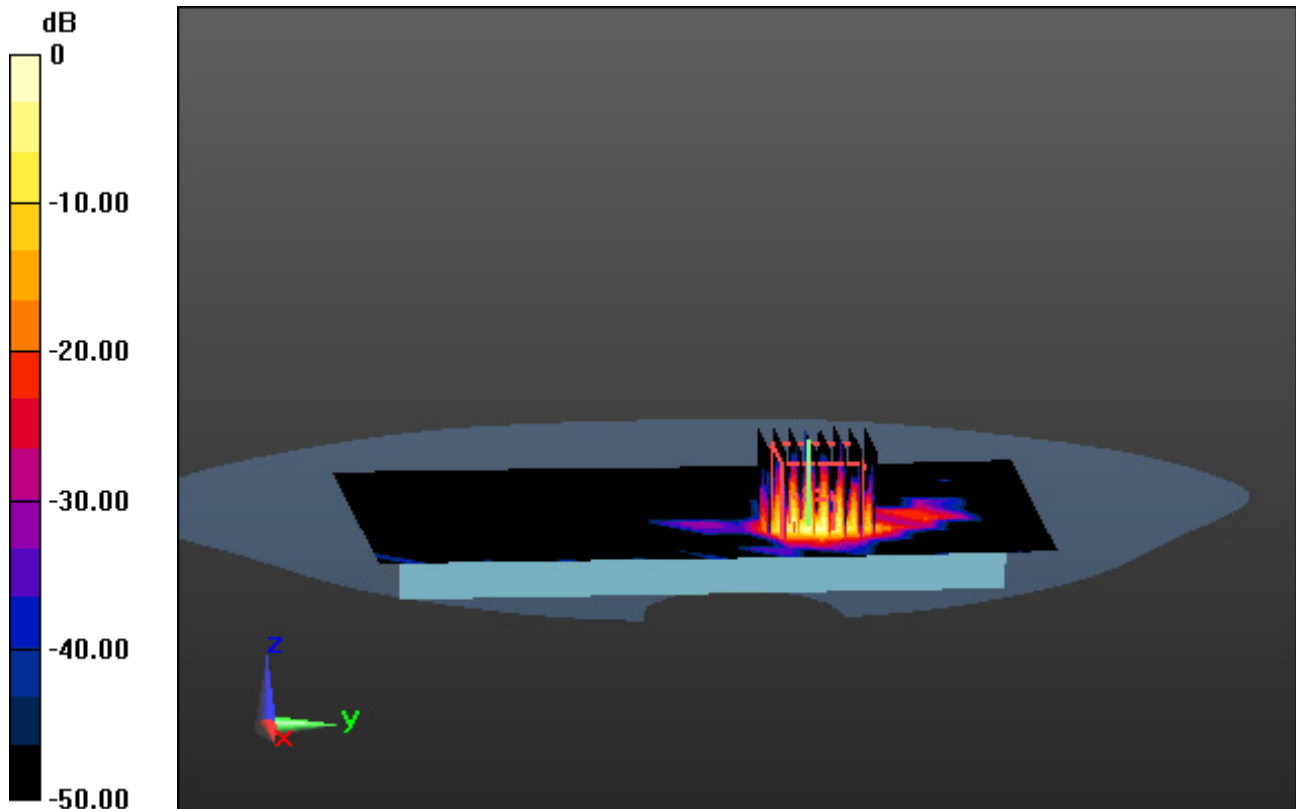
Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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 = 0.02 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 0.494 W/kg



0 dB = 7.55 W/kg

DT&C Co., Ltd.

DUT: EB1084; Type: Bar

Communication System: UID 0, W-LAN 5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.342$ S/m; $\epsilon_r = 34.715$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(5.03, 5.03, 5.03); Calibrated: 11/27/2020 Electronics: DAE4 Sn1485

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: 2021-10-21; Ambient Temp: 20.8; Tissue Temp: 20.7

Touch from Body, Rear, WLAN(802.11ac VHT80) Ch.155, Ant Internal

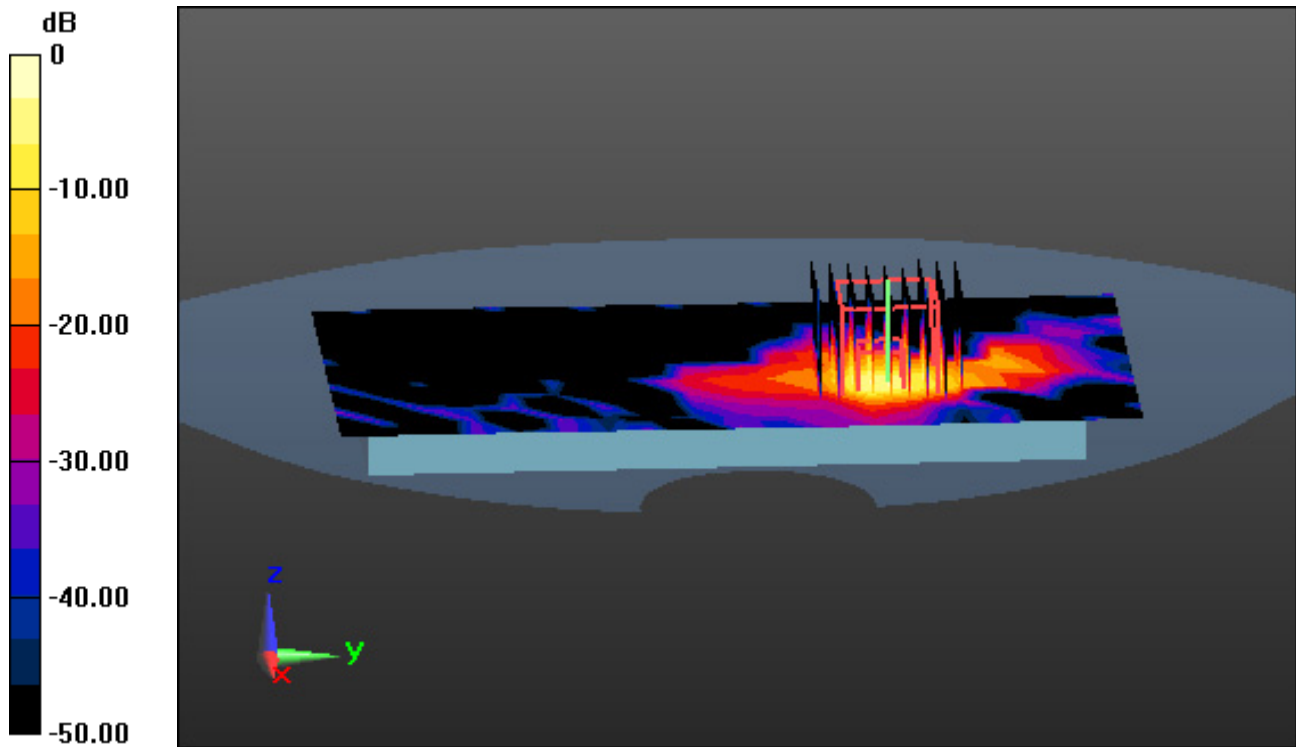
Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.15 dB

Peak SAR (extrapolated) = 14.6 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 0.519 W/kg



0 dB = 7.51 W/kg